

TEST REPORT

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Report Number: 2601R49433E-SA

Test Standard (s)

EN 50360:2017; EN 50360:2017/A1:2023; EN 50566:2017;

EN 50566:2017/A1:2023; EN 62479:2010; EN 50663:2017

Sample Description

Product Name: Smartphone
Model No.: KINGKONG ES 5
Multiple Model(s) No.: N/A
Trade Mark: CUBOT
Date Received: 2026/03/24
Issue Date: 2026/05/14

| | |
|--------------|-------|
| Test Result: | Pass▲ |
|--------------|-------|

▲ In the configuration tested, the EUT complied with the standards above.

Prepared and Checked By:

Approved By:

Danil . Qiu

Danil Qiu
SAR Engineer

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SAR Engineer

Note: The information marked * is provided by the applicant, the laboratory is not responsible for its authenticity and this information can affect the validity of the result in the test report. Customer model name, addresses, names, trademarks etc. are included.

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| Attestation of Test Results | | |
|-----------------------------|--|--|
| EUT Information | Company Name | Shenzhen Huafurui Technology Co., Ltd. |
| | EUT Description | Smartphone |
| | Model Number | KINGKONG ES 5 |
| | Multiple Model(s) No.: | N/A |
| | Serial Number | 312K-1 |
| | Test Date | 2026/04/19~2026/04/27 |
| Frequency Band | Highest Reported SAR | Limit(W/Kg) |
| EGSM 900 | 0.173 W/kg 10g Head SAR 0.781 W/kg 10g Body SAR | 2.0 |
| DCS 1800 | 0.088 W/kg 10g Head SAR 0.707 W/kg 10g Body SAR | |
| WCDMA Band 1 | 0.231 W/kg 10g Head SAR 1.143 W/kg 10g Body SAR | |
| WCDMA Band 8 | 0.154 W/kg 10g Head SAR 0.698 W/kg 10g Body SAR | |
| LTE Band 1 | 0.303 W/kg 10g Head SAR 1.233 W/kg 10g Body SAR | |
| LTE Band 3 | 0.128 W/kg 10g Head SAR 1.058 W/kg 10g Body SAR | |
| LTE Band 7 | 0.023 W/kg 10g Head SAR 0.429 W/kg 10g Body SAR | |
| LTE Band 8 | 0.185 W/kg 10g Head SAR 0.795 W/kg 10g Body SAR | |
| LTE Band 20 | 0.185 W/kg 10g Head SAR 0.705 W/kg 10g Body SAR | |
| LTE Band 28 | 0.104 W/kg 10g Head SAR 0.355 W/kg 10g Body SAR | |
| LTE Band 38 | 0.113 W/kg 10g Head SAR 0.554 W/kg 10g Body SAR | |
| LTE Band 40 | 0.046 W/kg 10g Head SAR 0.346 W/kg 10g Body SAR | |
| 2.4G WLAN | 0.683 W/kg 10g Head SAR 0.391 W/kg 10g Body SAR | |
| 5.2G WLAN | 0.408 W/kg 10g Head SAR 0.631 W/kg 10g Body SAR | |
| 5.3G WLAN | 0.391 W/kg 10g Head SAR 0.483 W/kg 10g Body SAR | |
| 5.6G WLAN | 0.260 W/kg 10g Head SAR 0.341 W/kg 10g Body SAR | |
| 5.8G WLAN | 0.209 W/kg 10g Head SAR 0.364 W/kg 10g Body SAR | |
| Simultaneous(tx) | 0.986 W/kg 10g Head SAR 1.864 W/kg 10g Body SAR | |

| Frequency Band | Highest Reported SAR | Limit(W/Kg) |
|------------------|-------------------------|-------------|
| EGSM 900 | 0.885 W/kg 10g Limb SAR | 4.0 |
| DCS 1800 | 1.554 W/kg 10g Limb SAR | |
| WCDMA Band 1 | 3.080 W/kg 10g Limb SAR | |
| WCDMA Band 8 | 1.020 W/kg 10g Limb SAR | |
| LTE Band 1 | 3.200 W/kg 10g Limb SAR | |
| LTE Band 3 | 2.776 W/kg 10g Limb SAR | |
| LTE Band 7 | 1.056 W/kg 10g Limb SAR | |
| LTE Band 8 | 1.325 W/kg 10g Limb SAR | |
| LTE Band 20 | 1.429 W/kg 10g Limb SAR | |
| LTE Band 28 | 1.359 W/kg 10g Limb SAR | |
| LTE Band 38 | 1.459 W/kg 10g Limb SAR | |
| LTE Band 40 | 1.302 W/kg 10g Limb SAR | |
| 2.4G WLAN | 0.770 W/kg 10g Limb SAR | |
| 5.2G WLAN | 0.687 W/kg 10g Limb SAR | |
| 5.3G WLAN | 0.641 W/kg 10g Limb SAR | |
| 5.6G WLAN | 0.730 W/kg 10g Limb SAR | |
| 5.8G WLAN | 0.662 W/kg 10g Limb SAR | |
| Simultaneous(tx) | 3.970 W/kg 10g Limb SAR | |

| | |
|----------------------|---|
| Applicable Standards | EN50360: 2017; EN 50360:2017/A1:2023 Product standard to demonstrate the compliance of wireless communication devices, with the basic restrictions and exposure limit values related to human exposure to electromagnetic fields in the frequency range from 300 MHz to 6 GHz: devices used next to the ear |
| | EN50566: 2017; EN50566: 2017/A1:2023 Product standard to demonstrate the compliance of wireless communication devices with the basic restrictions and exposure limit values related to human exposure to electromagnetic fields in the frequency range from 30 MHz to 6 GHz: hand-held and body mounted devices in close proximity to the human body |
| | EN62209-1:2016 Measurement procedure for the assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices – Part 1: Devices used next to the ear (Frequency range of 300 MHz to 6 GHz) |
| | EN62209-2:2010; EN 62209-2:2010/A1:2019 Human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices – Human models, instrumentation, and procedures – Part 2: Procedure to determine the specific absorption rate (SAR) for wireless communication devices used in close proximity to the human body (frequency range of 30 MHz to 6 GHz) |

| | |
|--|---|
| | EN 62479:2010 Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz) |
| | EN 50663:2017 Generic standard for assessment of low power electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (10 MHz - 300 GHz) |
| | EN IEC/IEEE 62209-1528:2021 Measurement procedure for the assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices - Part 1528: Human models, instrumentation, and procedures (Frequency range of 4 MHz to 10 GHz) |
| | REDCA Technical Guidance Note 20 SAR Testing and Assessment Guidance |

Note: This wireless device has been shown to be capable of compliance for localized specific absorption rate (SAR) for General Population/Uncontrolled Exposure limits specified in **Council Recommendation 1999/519/EC** and has been tested in accordance with the measurement procedures specified in EN62209-1:2016, EN62209-2:2010 and EN IEC/IEEE 62209-1528:2021.

The results and statements contained in this report pertain only to the device(s) evaluated.

TABLE OF CONTENTS

| | |
|---|------------|
| DOCUMENT REVISION HISTORY..... | 7 |
| EUT DESCRIPTION | 8 |
| TECHNICAL SPECIFICATION..... | 9 |
| REFERENCE, STANDARDS, AND GUIDELINES | 10 |
| SAR LIMITS | 11 |
| FACILITIES | 12 |
| DESCRIPTION OF TEST SYSTEM..... | 13 |
| EQUIPMENT LIST AND CALIBRATION..... | 19 |
| EQUIPMENT'S LIST & CALIBRATION INFORMATION..... | 19 |
| SAR MEASUREMENT SYSTEM VERIFICATION | 20 |
| LIQUID VERIFICATION..... | 20 |
| SYSTEM ACCURACY VERIFICATION | 24 |
| SAR SYSTEM VALIDATION DATA | 25 |
| EUT TEST STRATEGY AND METHODOLOGY..... | 36 |
| TEST POSITIONS FOR DEVICE OPERATING NEXT TO A PERSON'S EAR..... | 36 |
| CHEEK/TOUCH POSITION | 37 |
| EAR/TILT POSITION..... | 37 |
| TEST POSITIONS FOR BODY-WORN AND OTHER CONFIGURATIONS | 38 |
| SAR EVALUATION PROCEDURE | 39 |
| CONDUCTED OUTPUT POWER MEASUREMENT | 40 |
| TEST RESULTS:..... | 40 |
| MAXIMUM TARGET OUTPUT POWER..... | 51 |
| SAR MEASUREMENT RESULTS | 53 |
| TEST RESULTS:..... | 53 |
| SAR SIMULTANEOUS TRANSMISSION DESCRIPTION..... | 79 |
| SAR PLOTS (SUMMARY OF THE HIGHEST SAR VALUES)..... | 81 |
| APPENDIX A MEASUREMENT UNCERTAINTY | 132 |
| APPENDIX B PROBE CALIBRATION CERTIFICATES | 135 |
| APPENDIX C DIPOLE CALIBRATION CERTIFICATES | 158 |
| APPENDIX D EUT TEST POSITION PHOTOS..... | 209 |
| LIQUID DEPTH ≥ 15 CM | 209 |
| HEAD LEFT CHEEK SETUP PHOTO | 210 |
| HEAD LEFT TILT SETUP PHOTO..... | 210 |
| HEAD RIGHT CHEEK SETUP PHOTO..... | 211 |
| HEAD RIGHT TILT SETUP PHOTO | 211 |
| BODY FRONT SETUP PHOTO (5 MM)..... | 212 |
| BODY BACK SETUP PHOTO (5 MM) | 212 |
| LIMB FRONT SETUP PHOTO (0 MM) | 213 |
| LIMB BACK SETUP PHOTO (0 MM)..... | 213 |
| LIMB LEFT SETUP PHOTO (0 MM)..... | 214 |
| LIMB RIGHT SETUP PHOTO (0 MM)..... | 214 |
| LIMB TOP SETUP PHOTO (0 MM) | 215 |
| LIMB BOTTOM SETUP PHOTO (0 MM)..... | 215 |
| APPENDIX E EUT PHOTOS | 216 |
| EUT – FRONT VIEW | 216 |

| | |
|--|------------|
| EUT – REAR VIEW..... | 216 |
| ANTENNAS LOCATION (EUT BACK VIEW)..... | 217 |
| APPENDIX F INFORMATIVE REFERENCES | 218 |

DOCUMENT REVISION HISTORY

| Revision Number | Report Number | Description of Revision | Date of Revision |
|-----------------|----------------|-------------------------|------------------|
| 0 | 2601R49433E-SA | Original Report | 2026/05/14 |

EUT DESCRIPTION

This report has been prepared on behalf of ***Shenzhen Huafurui Technology Co., Ltd.*** and their product ***Smartphone*** . Test Model: ***KINGKONG ES 5*** or the EUT (Equipment Under Test) as referred to in the rest of this report.

**All measurement and test data in this report was gathered from production sample serial number: 3I2K-1 (Assigned by BACL, Shenzhen). The EUT supplied by the applicant was received on 2026-03-24.*

Technical Specification

| | |
|-------------------------------|---|
| Product Type: | Portable |
| Exposure Category: | Population / Uncontrolled |
| Antenna Type(s): | Internal Antenna |
| Body-Worn Accessories: | None |
| Face-Head Accessories: | None |
| Multi-slot Class: | GPRS/EGPRS (Class 12) |
| Operation Mode: | GSM Voice, GPRS/EGPRS Data, WCDMA, LTE, WLAN, Bluetooth, BLE, NFC |
| Frequency Band: | EGSM 900: 880-915MHz(TX), 925-960MHz(RX) DCS 1800: 1710-1785MHz(TX), 1805-1880MHz(RX) WCDMA Band 1: 1920-1980MHz(TX), 2110-2170MHz(RX) WCDMA Band 8: 880-915MHz(TX), 925-960MHz(RX) LTE Band 1: 1920-1980MHz(TX), 2110-2170MHz(RX) LTE Band 3: 1710-1785MHz(TX), 1805-1880MHz(RX) LTE Band 7: 2500-2570MHz(TX), 2620-2690MHz(RX) LTE Band 8: 880-915MHz(TX), 925-960MHz(RX) LTE Band 20: 832-862MHz(TX), 791-821MHz(RX) LTE Band 28: 703-748 MHz(TX);758-803 MHz(RX) LTE Band 38: 2570-2620 MHz(TX);2570-2620 MHz(RX) LTE Band 40: 2300-2400MHz(TX); 2300-2400MHz(RX) WLAN 2.4G: 2412 -2472 MHz(TX & RX) WLAN 5.2G: 5150 -5250 MHz(TX & RX) WLAN 5.3G: 5250 -5350 MHz(TX & RX) WLAN 5.6G: 5470 -5725 MHz(TX & RX) WLAN 5.8G: 5725 -5850 MHz(TX & RX) Bluetooth: 2402-2480 MHz(TX & RX) BLE 1M: 2402-2480 MHz(TX & RX) BLE 2M: 2402-2480 MHz(TX & RX) NFC: 13.56 MHz |
| Dimensions (L*W*H): | 190mm (L)*85mm (W)*10mm (H) |
| Power Source: | DC 3.91V from Rechargeable Battery |
| Normal Operation: | Head, Body and Limb |

REFERENCE, STANDARDS, AND GUIDELINES

The order requires routine SAR evaluation prior to equipment authorization of portable transmitter devices, including portable telephones. For consumer products, the applicable limit is 2 mW/g as recommended by EN 62209-1 for an uncontrolled environment. According to the Standard, the device should be evaluated at maximum output power (radiated from the antenna) under “worst-case” conditions for normal or intended use, incorporating normal antenna operating positions, device peak performance frequencies and positions for maximum RF energy coupling.

This report describes the methodology and results of experiments performed on wireless data terminal. The objective was to determine if there is RF radiation and if radiation is found, what is the extent of radiation with respect to safety limits. SAR (Specific Absorption Rate) is the measure of RF exposure determined by the amount of RF energy absorbed by human body (or its parts) – to determine how the RF energy couples to the body or head which is a primary health concern for body worn devices. The limit below which the exposure to RF is considered safe by regulatory bodies in Europe is 2 mW/g average over 10 gram of tissue mass.

The test configurations were laid out on a specially designed test fixture to ensure the reproducibility of measurements. Each configuration was scanned for SAR. Analysis of each scan was carried out to characterize the above effects in the device.

SAR Limits

CE Limit (10g Tissue)

| EXPOSURE LIMITS | SAR (W/kg) | |
|--|--|--|
| | (General Population / Uncontrolled Exposure Environment) | (Occupational / Controlled Exposure Environment) |
| Spatial Average (averaged over the whole body) | 0.08 | 0.4 |
| Spatial Peak (averaged over any 10 g of tissue) | 2.0 | 10 |
| Spatial Peak (hands/wrists/feet/ankles averaged over 10 g) | 4.0 | 20.0 |

Population/Uncontrolled Environments are defined as locations where there is the exposure of individual who have no knowledge or control of their exposure.

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).

General Population/Uncontrolled environments Spatial Peak limit 2.0W/kg (Head and Body) and Spatial Peak limit 4.0W/kg (Limb) applied to the EUT.

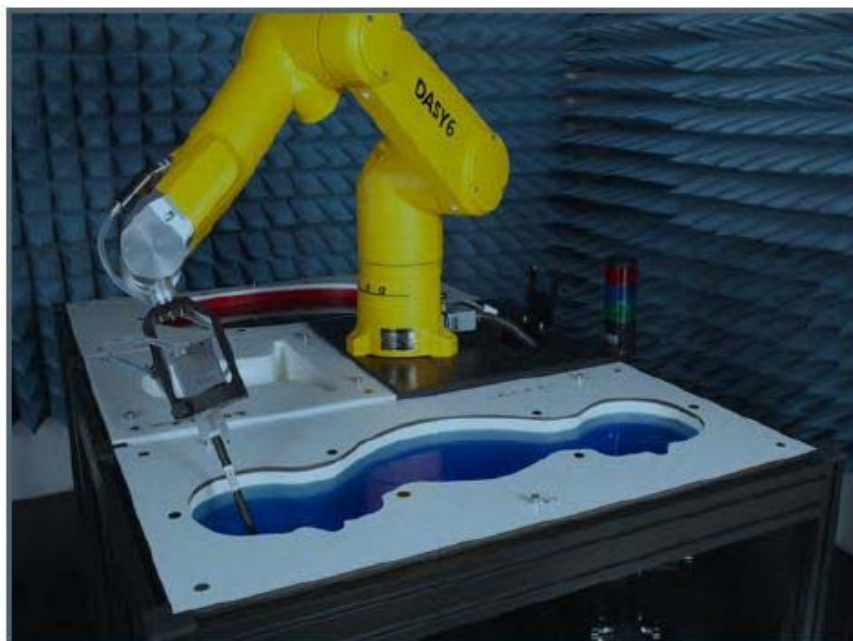
FACILITIES

The test site used by Bay Area Compliance Laboratories Corp. (Shenzhen) to collect data is located at 5F(B-West) , 6F, 7F, the 3rd Phase of Wan Li Industrial Building D, Shihua Rd, FuTian Free Trade Zone, Shenzhen, China.

Each test item follows test standards and with no deviation.

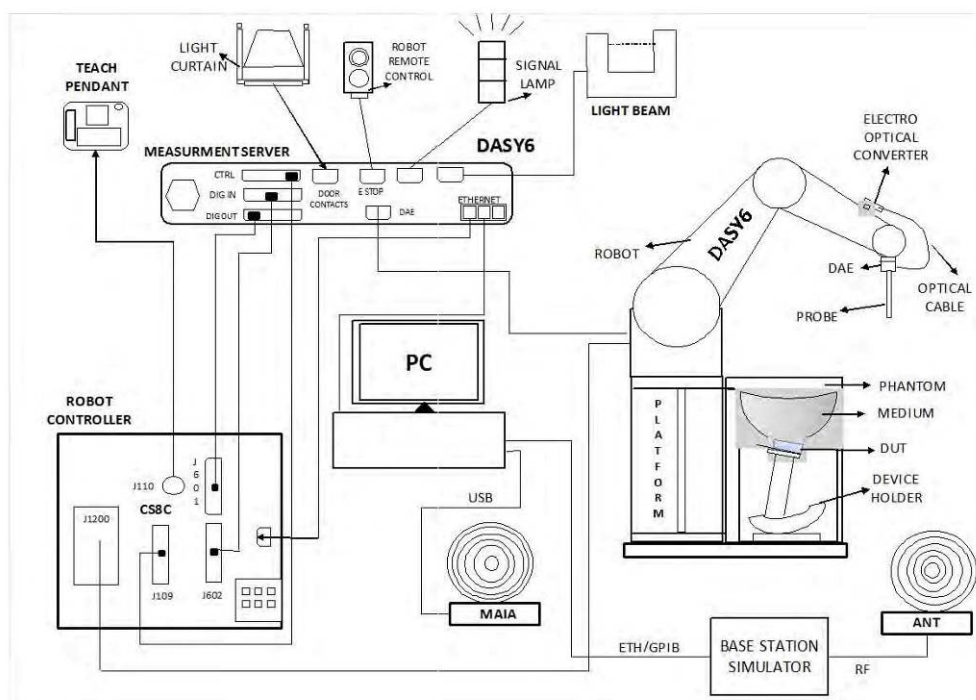
DESCRIPTION OF TEST SYSTEM

These measurements were performed with the automated near-field scanning system DASY6 from Schmid & Partner Engineering AG (SPEAG) which is the Fifth generation of the system shown in the figure hereinafter:



DASY6 System Description

The DASY6 system for performing compliance tests consists of the following items:



- A standard high precision 6-axis robot (Staubli TX=RX family) with controller, teach pendant and software. An arm extension for accommodating the data acquisition electronics (DAE).
- An isotropic field probe optimized and calibrated for the targeted measurement.
- A data acquisition electronics (DAE) which performs the signal application, signal multiplexing, AD-conversion, offset measurements, mechanical surface detection, collision detection, etc. The unit is battery powered with standard or rechargeable batteries. The signal is optically transmitted to the EOC.
- The Electro-optical converter (EOC) performs the conversion from optical to electrical signals for the digital communication to the DAE. To use optical surface detection, a special version of the EOC is required. The EOC signal is transmitted to the measurement server.
- The function of the measurement server is to perform the time critical tasks such as signal filtering, control of the robot operation and fast movement interrupts.
- The Light Beam used is for probe alignment. This improves the (absolute) accuracy of the probe positioning.
- A computer running Win7 professional operating system and the DASY52 software.
- Remote control and teach pendant as well as additional circuitry for robot safety such as warning lamps, etc.
- The phantom, the device holder and other accessories according to the targeted measurement.

DASY6 Measurement Server

The DASY6 measurement server is based on a PC/104 CPU board with a 400 MHz Intel ULV Celeron, 128 MB chip-disk and 128 MB RAM. The necessary circuits for communication with the DAE4 (or DAE3) electronics box, as well as the 16-bit AD converter system for optical detection and digital I/O interface are contained on the DASY6 I/O board, which is directly connected to the PC/104 bus of the CPU board.



The measurement server performs all real-time data evaluations of field measurements and surface detection, controls robot movements, and handles safety operations. The PC operating system cannot interfere with these time-critical processes. All connections are supervised by a watchdog, and disconnection of any of the cables to the measurement server will automatically disarm the robot and disable all program-controlled robot movements. Furthermore, the measurement server is equipped with an expansion port, which is reserved for future applications. Please note that this expansion port does not have a standardized pinout, and therefore only devices provided by SPEAG can be connected. Connection of devices from any other supplier could seriously damage the measurement server.

Data Acquisition Electronics

The data acquisition electronics (DAE4) consist of a highly sensitive electrometer-grade preamplifier with auto-zeroing, a channel and gain-switching multiplexer, a fast 16 bit AD-converter and a command decoder with a control logic unit. Transmission to the measurement server is accomplished through an optical downlink for data and status information, as well as an optical uplink for commands and the clock.

The mechanical probe mounting device includes two different sensor systems for frontal and sideways probe contacts. They are used for mechanical surface detection and probe collision detection.

The input impedance of both the DAE4 as well as of the DAE3 box is 200M Ω ; the inputs are symmetrical and floating. Common mode rejection is above 80 dB.

EX3DV4 E-Field Probes

| | |
|----------------------|---|
| 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 to > 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 30%. |
| Compatibility | DASY3, DASY4, DASY52 SAR and higher, EASY6, EASY4/MRI |

SAM Twin Phantom

The SAM Twin Phantom (shown in front of DASY6) is a fiberglass shell phantom with shell thickness 2 mm, except in the ear region where the thickness is increased to 6 mm. The phantom has three measurement areas: 1) Left Head, 2) Right Head, and 3) Flat Section. For larger devices, the use of the ELI-Phantom (shown behind DASY6) is required. For devices such as glasses with a wireless link, the Face Down Phantom is the most suitable (between the SAM Twin and ELI phantoms).

When the phantom is mounted inside allocated slot of the DASY6 platform, phantom reference points can be taught directly in the DASY5 V5.2 software. When the DASY6 platform is used to mount the

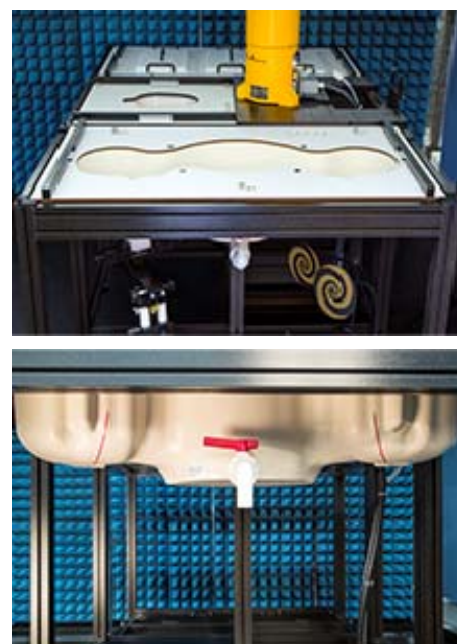
Phantom, some of the phantom teaching points cannot be reached by the robot in DASY5 V5.2. A special tool called P1a-P2aX-Former is provided to transform two of the three points, P1 and P2, to reachable locations. To use these new teaching points, a revised phantom configuration file is required.

In addition to our standard broadband liquids, the phantom can be used with the following tissue simulating liquids:

Sugar-water-based liquids can be left permanently in the phantom. Always cover the liquid when the system is not in use to prevent changes in liquid parameters due to water evaporation.

DGBE-based liquids should be used with care. As DGBE is a softener for most plastics, the liquid should be taken out of the phantom, and the phantom should be dried when the system is not in use (desirable at least once a week).

Do not use other organic solvents without previously testing the solvent resistivity of the phantom. Approximately 25 liters of liquid is required to fill the SAM Twin phantom.



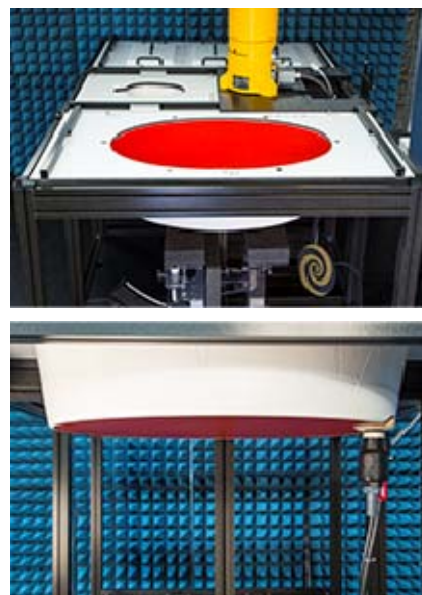
ELI Phantom

The ELI phantom is intended for compliance testing of handheld and body-mounted wireless devices in the frequency range of 30MHz to 6 GHz. ELI is fully compatible with the latest draft of the standard EN 62209-2 and the use of all known tissue simulating liquids. ELI has been optimized for performance and can be integrated into a SPEAG standard phantom table. A cover is provided to prevent evaporation of water and changes in liquid parameters. 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 can be used with the following tissue simulating liquids:

- Sugar-water-based liquids can be left permanently in the phantom. Always cover the liquid when the system is not in use to prevent changes in liquid parameters due to water evaporation.
- DGBE-based liquids should be used with care. As DGBE is a softener for most plastics, the liquid should be taken out of the phantom, and the phantom should be dried when the system is not in use (desirable at least once a week).
- Do not use other organic solvents without previously testing the solvent resistivity of the phantom.

Approximately 25 liters of liquid is required to fill the ELI phantom.



Robots

The DASY6 system uses the high-precision industrial robots TX60L, TX90XL, and RX160L from Staubli SA (France). The TX robot family - the successor of the well-known RX robot family - continues to offer the features important for DASY6 applications:

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

The robots are controlled by the Staubli CS8c robot controllers. All information regarding the use and maintenance of the robot arm and the robot controller is provided

Calibration Frequency Points for EX3DV4 E-Field Probes SN: 7896 Calibrated: 2025/12/11

| Calibration Frequency Point (MHz) | Frequency Range (MHz) | | Conversion Factor | | |
|-----------------------------------|-----------------------|------|-------------------|------|------|
| | From | To | X | Y | Z |
| 750 Head | 650 | 850 | 9.40 | 9.40 | 9.40 |
| 900 Head | 850 | 1000 | 9.00 | 9.00 | 9.00 |
| 1750 Head | 1650 | 1850 | 7.89 | 7.89 | 7.89 |
| 1900 Head | 1850 | 2000 | 7.55 | 7.55 | 7.55 |
| 2300 Head | 2200 | 2400 | 7.40 | 7.40 | 7.40 |
| 2450 Head | 2400 | 2500 | 7.15 | 7.15 | 7.15 |
| 2600 Head | 2500 | 2700 | 7.00 | 7.00 | 7.00 |
| 3300 Head | 3200 | 3400 | 6.60 | 6.60 | 6.60 |
| 3500 Head | 3400 | 3600 | 6.45 | 6.45 | 6.45 |
| 3700 Head | 3600 | 3800 | 6.25 | 6.25 | 6.25 |
| 3900 Head | 3800 | 4000 | 6.18 | 6.18 | 6.18 |
| 5250 Head | 5140 | 5360 | 5.11 | 5.11 | 5.11 |
| 5600 Head | 5490 | 5700 | 4.51 | 4.51 | 4.51 |
| 5800 Head | 5700 | 5900 | 4.61 | 4.61 | 4.61 |
| 6500 Head | 5900 | 7200 | 5.20 | 5.20 | 5.20 |

Area Scans

Area scans are defined prior to the measurement process being executed with a user defined variable spacing between each measurement point (integral) allowing low uncertainty measurements to be conducted. Scans defined for applications utilize a 15mm 2 step integral, with 1.5mm interpolation used to locate the peak SAR area used for zoom scan assessments.

Where the system identifies multiple SAR peaks (which are within 25% of peak value) the system will provide the user with the option of assessing each peak location individually for zoom scan averaging.

Zoom Scan (Cube Scan Averaging)

The averaging zoom scan volume utilized in the DASY5 software is in the shape of a cube and the side dimension of a 1 g or 10 g mass is dependent on the density of the liquid representing the simulated tissue. A density of 1000 kg/m³ is used to represent the head and body tissue density and not the phantom liquid density, in order to be consistent with the definition of the liquid dielectric properties, i.e. the side length of the 1g cube is 10mm, with the side length of the 10g cube is 21.5mm.

When the cube intersects with the surface of the phantom, it is oriented so that 3 vertices touch the surface of the shell or the center of a face is tangent to the surface. The face of the cube closest to the surface is modified in order to conform to the tangent surface.

The zoom scan integer steps can be user defined so as to reduce uncertainty, but normal practice for typical test applications utilize a physical step of 7 x 7 x 7 (5mm x 5mm x 5mm) providing a volume of 30 mm in the X & Y & Z axis.

Tissue Dielectric Parameters for Head and Body Phantoms

The head tissue dielectric parameters recommended by the EN 62209-1:2016

Recommended Tissue Dielectric Parameters for Head liquid

Table A.3 – Dielectric properties of the head tissue-equivalent liquid

| Frequency MHz | Relative permittivity ϵ_r | Conductivity (σ) S/m |
|------------------|---------------------------------------|----------------------------------|
| 300 | 45,3 | 0,87 |
| 450 | 43,5 | 0,87 |
| <i>750</i> | <i>41,9</i> | <i>0,89</i> |
| 835 | 41,5 | 0,90 |
| 900 | 41,5 | 0,97 |
| 1 450 | 40,5 | 1,20 |
| <i>1 500</i> | <i>40,4</i> | <i>1,23</i> |
| <i>1 640</i> | <i>40,2</i> | <i>1,31</i> |
| <i>1 750</i> | <i>40,1</i> | <i>1,37</i> |
| 1 800 | 40,0 | 1,40 |
| 1 900 | 40,0 | 1,40 |
| 2 000 | 40,0 | 1,40 |
| <i>2 100</i> | <i>39,8</i> | <i>1,49</i> |
| <i>2 300</i> | <i>39,5</i> | <i>1,67</i> |
| 2 450 | 39,2 | 1,80 |
| <i>2 600</i> | <i>39,0</i> | <i>1,96</i> |
| 3 000 | 38,5 | 2,40 |
| <i>3 500</i> | <i>37,9</i> | <i>2,91</i> |
| <i>4 000</i> | <i>37,4</i> | <i>3,43</i> |
| <i>4 500</i> | <i>36,8</i> | <i>3,94</i> |
| <i>5 000</i> | <i>36,2</i> | <i>4,45</i> |
| <i>5 200</i> | <i>36,0</i> | <i>4,66</i> |
| <i>5 400</i> | <i>35,8</i> | <i>4,86</i> |
| <i>5 600</i> | <i>35,5</i> | <i>5,07</i> |
| <i>5 800</i> | <i>35,3</i> | <i>5,27</i> |
| <i>6 000</i> | <i>35,1</i> | <i>5,48</i> |

NOTE For convenience, permittivity and conductivity values at those frequencies which are not part of the original data provided by Drossos et al. [33] or the extension to 5 800 MHz are provided (i.e. the values shown *in italics*). These values were linearly interpolated between the values in this table that are immediately above and below these values, except the values at 6 000 MHz that were linearly extrapolated from the values at 3 000 MHz and 5 800 MHz.

EQUIPMENT LIST AND CALIBRATION

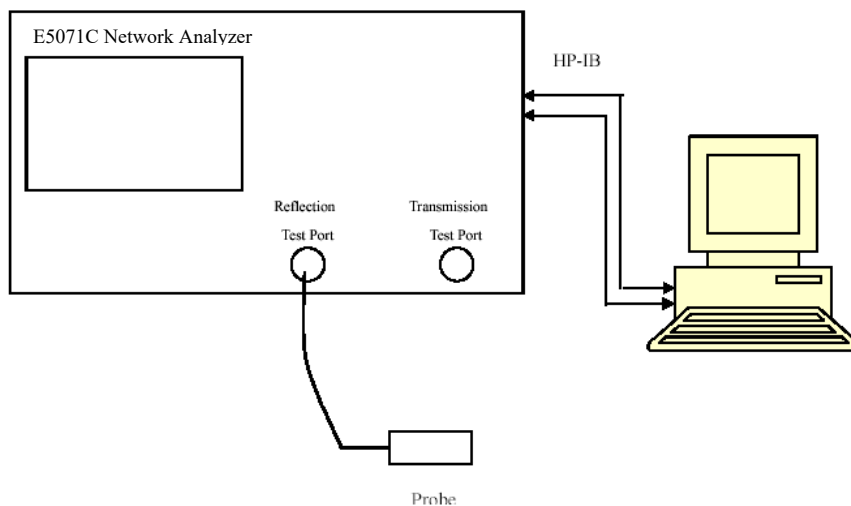
Equipment's List & Calibration Information

| Equipment | Model | S/N | Calibration Date | Calibration Due Date |
|-------------------------------------|-----------------|----------------|------------------|----------------------|
| DASY5 Test Software | DASY52 52.10.2 | N/A | NCR | NCR |
| DASY6 Measurement Server | DASY6 6.0.31 | N/A | NCR | NCR |
| Data Acquisition Electronics | DAE4 | 1325 | 2025/09/28 | 2026/09/27 |
| Dosimetric E-field Probes | EX3DV4 | 7896 | 2025/12/11 | 2026/12/10 |
| Mounting Device | MD4HHTV5 | SD 000 H01 KA | NCR | NCR |
| SAM Twin Phantom | SAM-Twin V8.0 | 1962 | NCR | NCR |
| Dipole, 750MHz | D750V3 | 1229 | 2026/02/04 | 2029/02/03 |
| Dipole, 900MHz | D900V2 | 132 | 2023/09/26 | 2026/09/25 |
| Dipole, 1750MHz | D1750V2 | 1199 | 2026/02/05 | 2029/02/04 |
| Dipole, 1900MHz | D1900V2 | 5d231 | 2026/02/04 | 2029/02/03 |
| Dipole, 2300MHz | D2300V2 | 1136 | 2026/02/04 | 2029/02/03 |
| Dipole, 2450MHz | D2450V2 | 1103 | 2026/02/05 | 2029/02/04 |
| Dipole, 2600MHz | D2600V2 | 1207 | 2026/02/04 | 2029/02/03 |
| Dipole, 5GHz | D5GHzV2 | 1374 | 2026/02/09 | 2029/02/08 |
| Simulated Tissue Liquid Head | HBBL600-10000V6 | 2200808-2 | Each Time | / |
| Network Analyzer | E5071C | SER MY46519680 | 2025/04/29 | 2026/04/28 |
| Dielectric Assessment Kit | DAK-3.5 | 1248 | NCR | NCR |
| MXG Analog Signal Generator | N5181A | MY48180408 | 2025/09/22 | 2026/09/21 |
| USB wideband power sensor | U2021XA | MY52350001 | 2025/04/29 | 2026/04/28 |
| Directional Coupler | 855673 | 3307 | NCR | NCR |
| 20dB Attenuator | 2 | BH9879 | NCR | NCR |
| RF Power Amplifier | 5205FE | 1014 | NCR | NCR |
| Amplifier | ZVE-8G+ | 558401902 | NCR | NCR |
| Wideband Radio Communication Tester | CMW500 | 141718 | 2025/07/18 | 2026/07/17 |
| Thermometer | DTM3000 | N/A | 2025/09/23 | 2026/09/22 |
| Temperature & Humidity Meter | 10316377 | N/A | 2025/09/23 | 2026/09/22 |
| Spectrum Analyzer | FSV40 | 101942 | 2025/09/01 | 2026/08/31 |
| Straight Steel Ruler | 600mm | N/A | NCR | NCR |

NCR: No Calibration Required.

SAR MEASUREMENT SYSTEM VERIFICATION

Liquid Verification



Liquid Verification Setup Block Diagram

Liquid Verification Results

| Frequency (MHz) | Liquid Type | Liquid Parameter | | Target Value | | Delta (%) | | Tolerance (%) |
|-----------------|------------------------------|------------------|----------------|--------------|----------------|--------------------|----------------|---------------|
| | | ϵ_r | σ (S/m) | ϵ_r | σ (S/m) | $\Delta\epsilon_r$ | $\Delta\sigma$ | |
| 713 | Simulated Tissue Liquid Head | 43.151 | 0.866 | 42.1 | 0.89 | 2.5 | -2.7 | ± 5 |
| 728 | Simulated Tissue Liquid Head | 43.064 | 0.873 | 42.02 | 0.89 | 2.48 | -1.91 | ± 5 |
| 738 | Simulated Tissue Liquid Head | 42.991 | 0.878 | 41.96 | 0.89 | 2.46 | -1.35 | ± 5 |
| 750 | Simulated Tissue Liquid Head | 42.565 | 0.903 | 41.9 | 0.89 | 1.59 | 1.46 | ± 5 |
| 842 | Simulated Tissue Liquid Head | 42.108 | 0.932 | 41.5 | 0.91 | 1.47 | 2.42 | ± 5 |
| 847 | Simulated Tissue Liquid Head | 41.927 | 0.937 | 41.5 | 0.91 | 1.03 | 2.97 | ± 5 |

*Liquid Verification was performed on 2026/04/19.

| Frequency (MHz) | Liquid Type | Liquid Parameter | | Target Value | | Delta (%) | | Tolerance (%) |
|-----------------|------------------------------|------------------|----------------|--------------|----------------|--------------------|----------------|---------------|
| | | ϵ_r | σ (S/m) | ϵ_r | σ (S/m) | $\Delta\epsilon_r$ | $\Delta\sigma$ | |
| 852 | Simulated Tissue Liquid Head | 42.579 | 0.923 | 41.5 | 0.92 | 2.6 | 0.33 | ± 5 |
| 885 | Simulated Tissue Liquid Head | 42.334 | 0.941 | 41.5 | 0.95 | 2.01 | -0.95 | ± 5 |
| 897.5 | Simulated Tissue Liquid Head | 42.161 | 0.961 | 41.5 | 0.97 | 1.59 | -0.93 | ± 5 |
| 900 | Simulated Tissue Liquid Head | 42.082 | 0.962 | 41.5 | 0.97 | 1.4 | -0.82 | ± 5 |
| 910 | Simulated Tissue Liquid Head | 41.971 | 0.975 | 41.48 | 0.97 | 1.18 | 0.52 | ± 5 |

*Liquid Verification was performed on 2026/04/20.

| Frequency (MHz) | Liquid Type | Liquid Parameter | | Target Value | | Delta (%) | | Tolerance (%) |
|-----------------|------------------------------|------------------|----------------|--------------|----------------|--------------------|----------------|---------------|
| | | ϵ_r | σ (S/m) | ϵ_r | σ (S/m) | $\Delta\epsilon_r$ | $\Delta\sigma$ | |
| 880.2 | Simulated Tissue Liquid Head | 42.123 | 0.932 | 41.5 | 0.95 | 1.5 | -1.89 | ± 5 |
| 882.6 | Simulated Tissue Liquid Head | 42.043 | 0.936 | 41.5 | 0.95 | 1.31 | -1.47 | ± 5 |
| 897.6 | Simulated Tissue Liquid Head | 41.739 | 0.942 | 41.5 | 0.97 | 0.58 | -2.89 | ± 5 |
| 900 | Simulated Tissue Liquid Head | 41.497 | 0.969 | 41.5 | 0.97 | -0.01 | -0.1 | ± 5 |
| 902 | Simulated Tissue Liquid Head | 41.253 | 0.971 | 41.5 | 0.97 | -0.6 | 0.1 | ± 5 |
| 912.4 | Simulated Tissue Liquid Head | 41.151 | 0.985 | 41.48 | 0.98 | -0.79 | 0.51 | ± 5 |
| 914.8 | Simulated Tissue Liquid Head | 41.078 | 0.992 | 41.47 | 0.98 | -0.95 | 1.22 | ± 5 |

*Liquid Verification was performed on 2026/04/21.

| Frequency (MHz) | Liquid Type | Liquid Parameter | | Target Value | | Delta (%) | | Tolerance (%) |
|-----------------|------------------------------|------------------|----------------|--------------|----------------|--------------------|----------------|---------------|
| | | ϵ_r | σ (S/m) | ϵ_r | σ (S/m) | $\Delta\epsilon_r$ | $\Delta\sigma$ | |
| 1710.4 | Simulated Tissue Liquid Head | 39.403 | 1.323 | 40.13 | 1.35 | -1.81 | -2 | ± 5 |
| 1720 | Simulated Tissue Liquid Head | 39.296 | 1.343 | 40.13 | 1.35 | -2.08 | -0.52 | ± 5 |
| 1747.5 | Simulated Tissue Liquid Head | 39.077 | 1.354 | 40.1 | 1.37 | -2.55 | -1.17 | ± 5 |
| 1747.8 | Simulated Tissue Liquid Head | 39.049 | 1.357 | 40.07 | 1.37 | -2.55 | -0.95 | ± 5 |
| 1750 | Simulated Tissue Liquid Head | 38.879 | 1.364 | 40.1 | 1.37 | -3.04 | -0.44 | ± 5 |
| 1775 | Simulated Tissue Liquid Head | 38.617 | 1.381 | 40.05 | 1.39 | -3.58 | -0.65 | ± 5 |
| 1784.6 | Simulated Tissue Liquid Head | 38.546 | 1.392 | 40.02 | 1.39 | -3.68 | 0.14 | ± 5 |

*Liquid Verification was performed on 2026/04/22.

| Frequency (MHz) | Liquid Type | Liquid Parameter | | Target Value | | Delta (%) | | Tolerance (%) |
|-----------------|------------------------------|------------------|----------------|--------------|----------------|--------------------|----------------|---------------|
| | | ϵ_r | σ (S/m) | ϵ_r | σ (S/m) | $\Delta\epsilon_r$ | $\Delta\sigma$ | |
| 1900 | Simulated Tissue Liquid Head | 40.439 | 1.388 | 40 | 1.4 | 1.1 | -0.86 | ± 5 |
| 1922.6 | Simulated Tissue Liquid Head | 39.657 | 1.412 | 40 | 1.4 | -0.86 | 0.86 | ± 5 |
| 1930 | Simulated Tissue Liquid Head | 39.132 | 1.421 | 40 | 1.4 | -2.17 | 1.5 | ± 5 |
| 1950 | Simulated Tissue Liquid Head | 39.014 | 1.427 | 40 | 1.4 | -2.46 | 1.93 | ± 5 |
| 1970 | Simulated Tissue Liquid Head | 38.947 | 1.435 | 40 | 1.4 | -2.63 | 2.5 | ± 5 |
| 1977.4 | Simulated Tissue Liquid Head | 38.808 | 1.443 | 40 | 1.4 | -2.98 | 3.07 | ± 5 |

*Liquid Verification was performed on 2026/04/23.

| Frequency (MHz) | Liquid Type | Liquid Parameter | | Target Value | | Delta (%) | | Tolerance (%) |
|-----------------|------------------------------|------------------|----------------|--------------|----------------|--------------------|----------------|---------------|
| | | ϵ_r | σ (S/m) | ϵ_r | σ (S/m) | $\Delta\epsilon_r$ | $\Delta\sigma$ | |
| 2300 | Simulated Tissue Liquid Head | 40.406 | 1.644 | 39.5 | 1.67 | 2.29 | -1.56 | ± 5 |
| 2310 | Simulated Tissue Liquid Head | 40.217 | 1.665 | 39.48 | 1.68 | 1.87 | -0.89 | ± 5 |
| 2350 | Simulated Tissue Liquid Head | 40.142 | 1.698 | 39.4 | 1.71 | 1.88 | -0.7 | ± 5 |
| 2390 | Simulated Tissue Liquid Head | 39.806 | 1.709 | 39.32 | 1.75 | 1.24 | -2.34 | ± 5 |

*Liquid Verification was performed on 2026/04/24.

| Frequency (MHz) | Liquid Type | Liquid Parameter | | Target Value | | Delta (%) | | Tolerance (%) |
|-----------------|------------------------------|------------------|----------------|--------------|----------------|--------------------|----------------|---------------|
| | | ϵ_r | σ (S/m) | ϵ_r | σ (S/m) | $\Delta\epsilon_r$ | $\Delta\sigma$ | |
| 2412 | Simulated Tissue Liquid Head | 39.145 | 1.779 | 39.28 | 1.77 | -0.34 | 0.51 | ± 5 |
| 2442 | Simulated Tissue Liquid Head | 38.902 | 1.785 | 39.22 | 1.79 | -0.81 | -0.28 | ± 5 |
| 2450 | Simulated Tissue Liquid Head | 38.845 | 1.804 | 39.2 | 1.8 | -0.91 | 0.22 | ± 5 |
| 2472 | Simulated Tissue Liquid Head | 38.767 | 1.841 | 39.17 | 1.82 | -1.03 | 1.15 | ± 5 |

*Liquid Verification was performed on 2026/04/24.

| Frequency (MHz) | Liquid Type | Liquid Parameter | | Target Value | | Delta (%) | | Tolerance (%) |
|-----------------|------------------------------|------------------|----------------|--------------|----------------|--------------------|----------------|---------------|
| | | ϵ_r | σ (S/m) | ϵ_r | σ (S/m) | $\Delta\epsilon_r$ | $\Delta\sigma$ | |
| 2510 | Simulated Tissue Liquid Head | 39.984 | 1.813 | 39.12 | 1.86 | 2.21 | -2.53 | ± 5 |
| 2535 | Simulated Tissue Liquid Head | 39.701 | 1.826 | 39.09 | 1.89 | 1.56 | -3.39 | ± 5 |
| 2560 | Simulated Tissue Liquid Head | 39.611 | 1.849 | 39.05 | 1.92 | 1.44 | -3.7 | ± 5 |
| 2580 | Simulated Tissue Liquid Head | 39.599 | 1.884 | 39.03 | 1.94 | 1.46 | -2.89 | ± 5 |
| 2595 | Simulated Tissue Liquid Head | 39.142 | 1.935 | 39.01 | 1.95 | 0.34 | -0.77 | ± 5 |
| 2600 | Simulated Tissue Liquid Head | 39.072 | 1.939 | 39 | 1.96 | 0.18 | -1.07 | ± 5 |
| 2610 | Simulated Tissue Liquid Head | 38.936 | 1.997 | 38.99 | 1.97 | -0.14 | 1.37 | ± 5 |

*Liquid Verification was performed on 2026/04/25.

| Frequency (MHz) | Liquid Type | Liquid Parameter | | Target Value | | Delta (%) | | Tolerance (%) |
|-----------------|------------------------------|------------------|----------------|--------------|----------------|--------------------|----------------|---------------|
| | | ϵ_r | σ (S/m) | ϵ_r | σ (S/m) | $\Delta\epsilon_r$ | $\Delta\sigma$ | |
| 5190 | Simulated Tissue Liquid Head | 37.073 | 4.644 | 36.01 | 4.65 | 2.95 | -0.13 | ± 5 |
| 5200 | Simulated Tissue Liquid Head | 36.944 | 4.676 | 36 | 4.66 | 2.62 | 0.34 | ± 5 |
| 5230 | Simulated Tissue Liquid Head | 36.829 | 4.696 | 35.97 | 4.69 | 2.39 | 0.13 | ± 5 |
| 5250 | Simulated Tissue Liquid Head | 36.619 | 4.721 | 35.95 | 4.71 | 1.86 | 0.23 | ± 5 |
| 5260 | Simulated Tissue Liquid Head | 36.465 | 4.781 | 35.94 | 4.72 | 1.46 | 1.29 | ± 5 |
| 5280 | Simulated Tissue Liquid Head | 36.312 | 4.801 | 35.92 | 4.74 | 1.09 | 1.29 | ± 5 |
| 5320 | Simulated Tissue Liquid Head | 36.161 | 4.869 | 35.88 | 4.78 | 0.78 | 1.86 | ± 5 |

*Liquid Verification was performed on 2026/04/26.

| Frequency (MHz) | Liquid Type | Liquid Parameter | | Target Value | | Delta (%) | | Tolerance (%) |
|-----------------|------------------------------|------------------|----------------|--------------|----------------|--------------------|----------------|---------------|
| | | ϵ_r | σ (S/m) | ϵ_r | σ (S/m) | $\Delta\epsilon_r$ | $\Delta\sigma$ | |
| 5500 | Simulated Tissue Liquid Head | 36.288 | 4.926 | 35.65 | 4.97 | 1.79 | -0.89 | ± 5 |
| 5580 | Simulated Tissue Liquid Head | 36.065 | 5.009 | 35.53 | 5.05 | 1.51 | -0.81 | ± 5 |
| 5600 | Simulated Tissue Liquid Head | 35.904 | 5.04 | 35.5 | 5.07 | 1.14 | -0.59 | ± 5 |
| 5700 | Simulated Tissue Liquid Head | 35.609 | 5.131 | 35.4 | 5.17 | 0.59 | -0.75 | ± 5 |

*Liquid Verification was performed on 2026/04/27.

| Frequency (MHz) | Liquid Type | Liquid Parameter | | Target Value | | Delta (%) | | Tolerance (%) |
|-----------------|------------------------------|------------------|----------------|--------------|----------------|--------------------|----------------|---------------|
| | | ϵ_r | σ (S/m) | ϵ_r | σ (S/m) | $\Delta\epsilon_r$ | $\Delta\sigma$ | |
| 5745 | Simulated Tissue Liquid Head | 35.768 | 5.185 | 35.36 | 5.22 | 1.15 | -0.67 | ± 5 |
| 5785 | Simulated Tissue Liquid Head | 35.545 | 5.308 | 35.32 | 5.26 | 0.64 | 0.91 | ± 5 |
| 5800 | Simulated Tissue Liquid Head | 35.401 | 5.315 | 35.3 | 5.27 | 0.29 | 0.85 | ± 5 |
| 5825 | Simulated Tissue Liquid Head | 35.118 | 5.318 | 35.28 | 5.3 | -0.46 | 0.34 | ± 5 |

*Liquid Verification was performed on 2026/04/27.

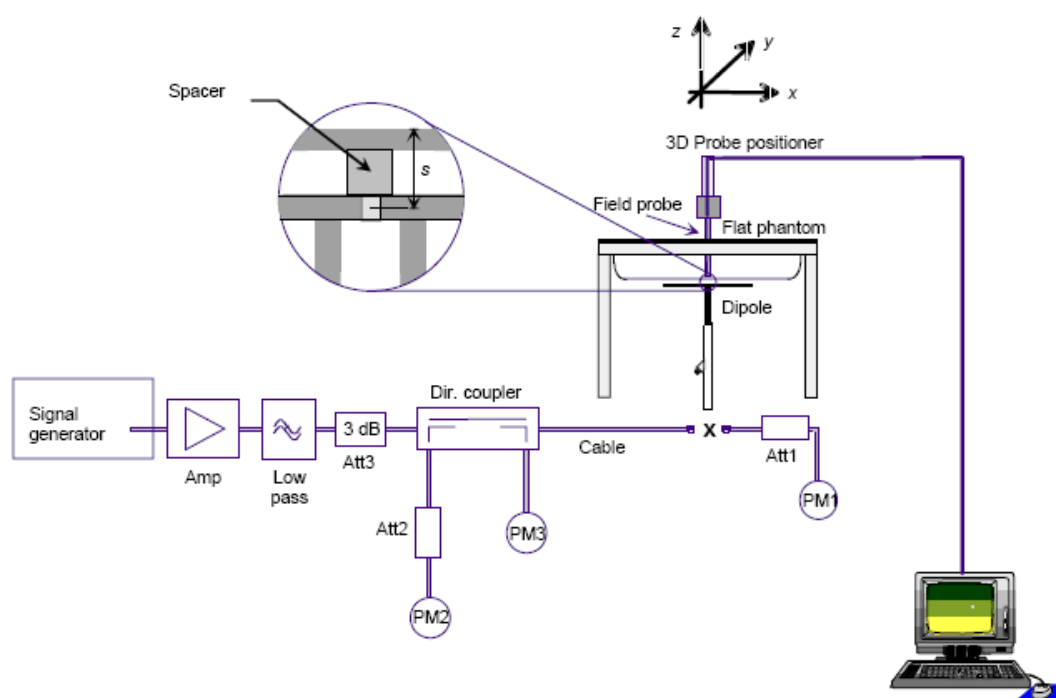
System Accuracy Verification

Prior to the assessment, the system validation kit was used to test whether the system was operating within its specifications of $\pm 10\%$. The validation results are tabulated below. And also the corresponding SAR plot is attached as well in the SAR plots files.

The spacing distances in the **System Verification Setup Block Diagram** is given by the following:

- $s = 15 \text{ mm} \pm 0,2 \text{ mm}$ for $300 \text{ MHz} \leq f \leq 1\,000 \text{ MHz}$;
- $s = 10 \text{ mm} \pm 0,2 \text{ mm}$ for $1\,000 \text{ MHz} < f \leq 3\,000 \text{ MHz}$;
- $s = 10 \text{ mm} \pm 0,2 \text{ mm}$ for $3\,000 \text{ MHz} < f \leq 6\,000 \text{ MHz}$.

System Verification Setup Block Diagram



System Accuracy Check Results

| Date | Frequency Band (MHz) | Liquid Type | Input Power (mW) | Measured SAR (W/kg) | | Normalized to 1W (W/kg) | Target Value (W/Kg) | Delta (%) | Tolerance (%) |
|------------|----------------------|-------------|------------------|---------------------|-------|-------------------------|---------------------|-----------|---------------|
| 2026/04/19 | 750 | Head | 100 | 10g | 0.569 | 5.69 | 5.57 | 2.15 | ± 10 |
| 2026/04/20 | 900 | Head | 100 | 10g | 0.738 | 7.38 | 6.93 | 6.49 | ± 10 |
| 2026/04/21 | 900 | Head | 100 | 10g | 0.734 | 7.34 | 6.93 | 5.92 | ± 10 |
| 2026/04/22 | 1750 | Head | 100 | 10g | 1.88 | 18.8 | 19.6 | -4.08 | ± 10 |
| 2026/04/23 | 1900 | Head | 100 | 10g | 1.98 | 19.8 | 20.7 | -4.35 | ± 10 |
| 2026/04/24 | 2300 | Head | 100 | 10g | 2.21 | 22.1 | 23.7 | -6.75 | ± 10 |
| 2026/04/24 | 2450 | Head | 100 | 10g | 2.37 | 23.7 | 24.5 | -3.27 | ± 10 |
| 2026/04/25 | 2600 | Head | 100 | 10g | 2.41 | 24.1 | 24.9 | -3.21 | ± 10 |
| 2026/04/26 | 5250 | Head | 100 | 10g | 2.09 | 20.9 | 22.2 | -5.86 | ± 10 |
| 2026/04/27 | 5600 | Head | 100 | 10g | 2.23 | 22.3 | 23 | -3.04 | ± 10 |
| 2026/04/27 | 5800 | Head | 100 | 10g | 2.06 | 20.6 | 21.9 | -5.94 | ± 10 |

*The SAR values above are normalized to 1 Watt forward power.

SAR SYSTEM VALIDATION DATA

System Performance 750 MHz Head

DUT: Dipole 750 MHz; Type: D750V3; Serial: 1229

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

Medium parameters used: $f = 750$ MHz; $\sigma = 0.903$ S/m; $\epsilon_r = 42.565$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(9.4, 9.4, 9.4) @ 750 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

750MHz System Check/750MHz/Area Scan (6x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.04 W/kg

750MHz System Check/750MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.15 V/m; Power Drift = -0.13 dB

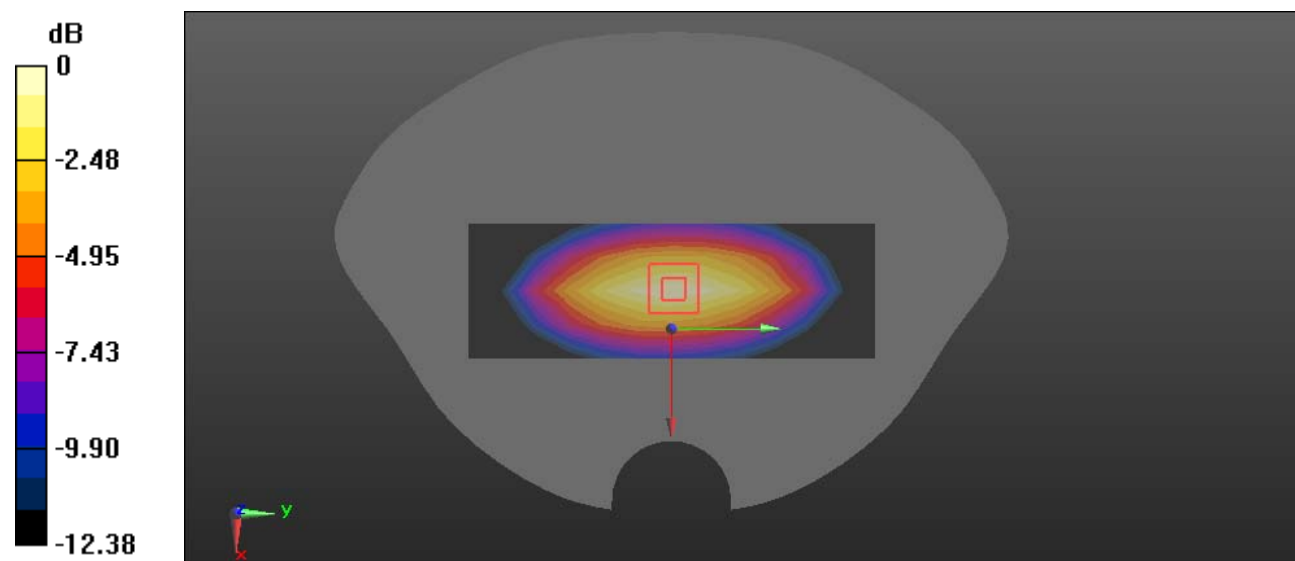
Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.863 W/kg; SAR(10 g) = 0.569 W/kg

Smallest distance from peaks to all points 3 dB below = 16.1 mm

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

Maximum value of SAR (measured) = 1.21 W/kg



0 dB = 1.21 W/kg = 0.83 dBW/kg

System Performance 900 MHz Head (Date 2026/04/20)**DUT: Dipole 900 MHz; Type: D900V2; Serial: 132**

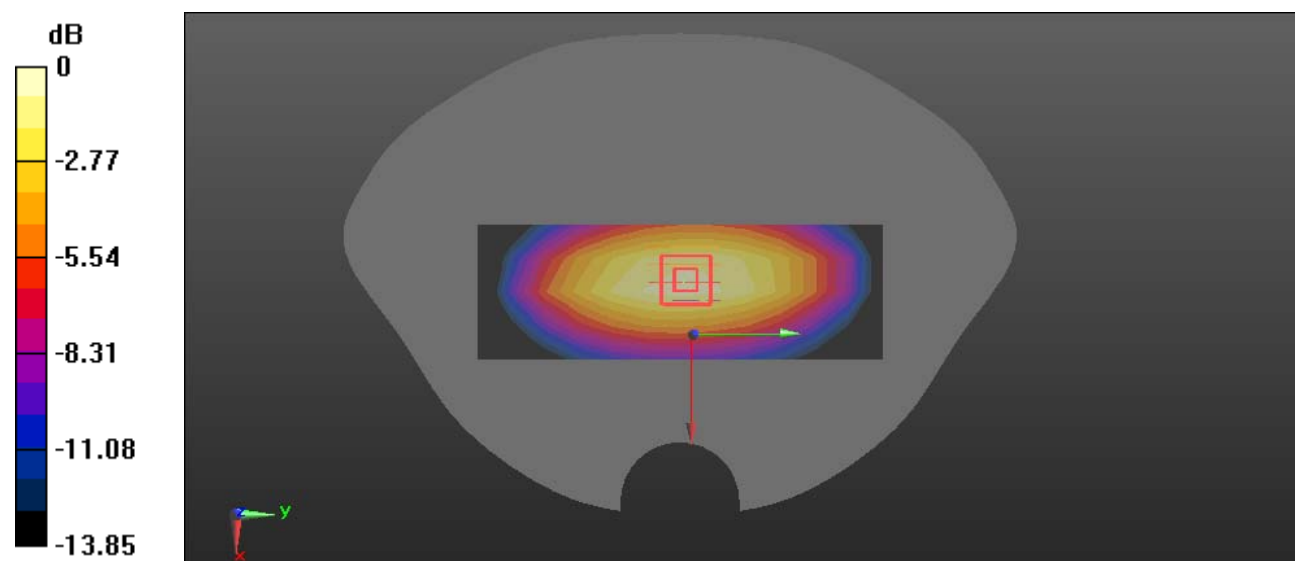
Communication System: UID 0, CW (0); Frequency: 900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 0.962 \text{ S/m}$; $\epsilon_r = 42.082$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(9, 9, 9) @ 900 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

900MHz System Check/900MHz/Area Scan (7x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 1.49 W/kg **900MHz System Check/900MHz/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 34.78 V/m ; Power Drift = -0.16 dB Peak SAR (extrapolated) = 1.75 W/kg **SAR(1 g) = 1.14 W/kg ; SAR(10 g) = 0.738 W/kg** Smallest distance from peaks to all points 3 dB below = 15.6 mm Ratio of SAR at M2 to SAR at M1 = 62.7% Maximum value of SAR (measured) = 1.56 W/kg  $0 \text{ dB} = 1.56 \text{ W/kg} = 1.93 \text{ dBW/kg}$

System Performance 900 MHz Head (Date 2026/04/21)**DUT: Dipole 900 MHz; Type: D900V2; Serial: 132**

Communication System: UID 0, CW (0); Frequency: 900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 0.969 \text{ S/m}$; $\epsilon_r = 41.497$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(9, 9, 9) @ 900 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

900MHz System Check/900MHz/Area Scan (7x12x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 1.48 W/kg

900MHz System Check/900MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 35.06 V/m; Power Drift = 0.14 dB

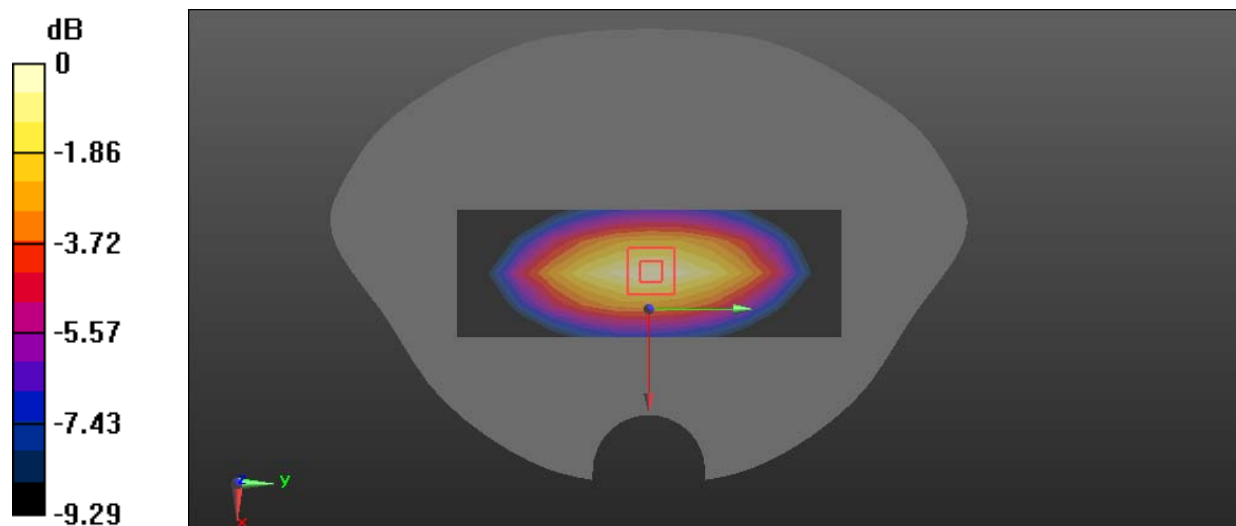
Peak SAR (extrapolated) = 1.72 W/kg

SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.734 W/kg

Smallest distance from peaks to all points 3 dB below = 16.2 mm

Ratio of SAR at M2 to SAR at M1 = 62.1%

Maximum value of SAR (measured) = 1.54 W/kg



0 dB = 1.54 W/kg = 1.88 dBW/kg

System Performance 1750 MHz Head**DUT: Dipole 1750 MHz; Type: D1750V2; Serial: 1199**

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

Medium parameters used: $f = 1750$ MHz; $\sigma = 1.364$ S/m; $\epsilon_r = 38.879$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(7.89, 7.89, 7.89) @ 1750 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

1750MHz System Check/1750MHz/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 4.16 W/kg

1750MHz System Check/1750MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 50.72 V/m; Power Drift = 0.06 dB

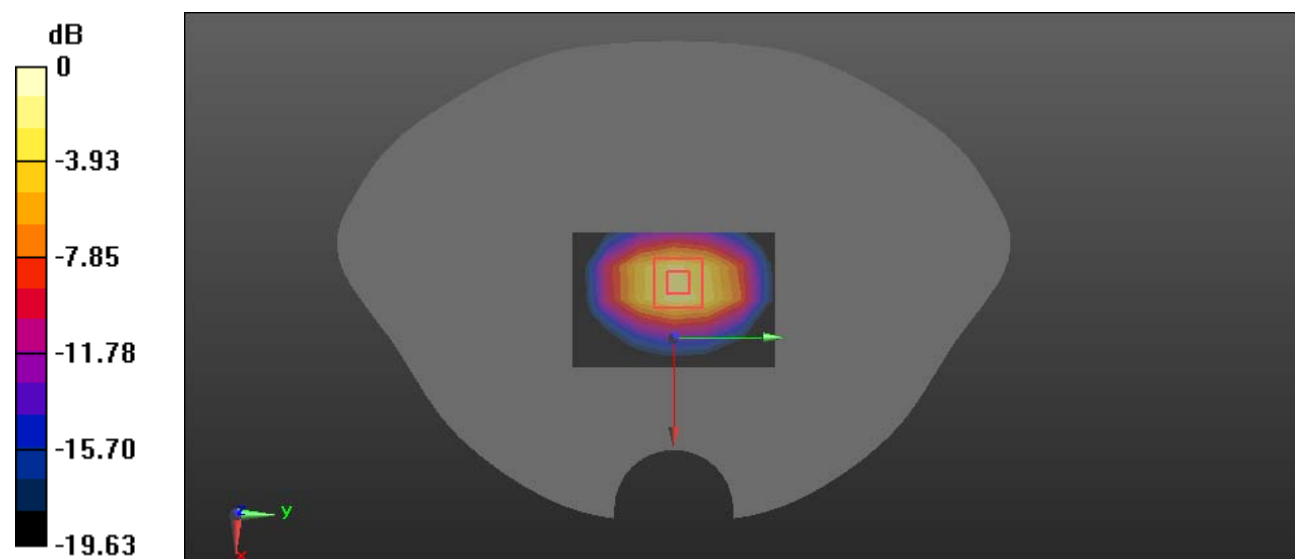
Peak SAR (extrapolated) = 6.28 W/kg

SAR(1 g) = 3.49 W/kg; SAR(10 g) = 1.88 W/kg

Smallest distance from peaks to all points 3 dB below = 10.6 mm

Ratio of SAR at M2 to SAR at M1 = 57.4%

Maximum value of SAR (measured) = 5.32 W/kg



0 dB = 5.32 W/kg = 7.26 dBW/kg

System Performance 1900 MHz Head**DUT: Dipole 1900 MHz; Type: D1900V2; Serial: 5d231**

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

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.388$ S/m; $\epsilon_r = 40.439$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(7.55, 7.55, 7.55) @ 1900 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

1900MHz System Check/1900MHz/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 4.88 W/kg

1900MHz System Check/1900MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 53.24 V/m; Power Drift = -0.08 dB

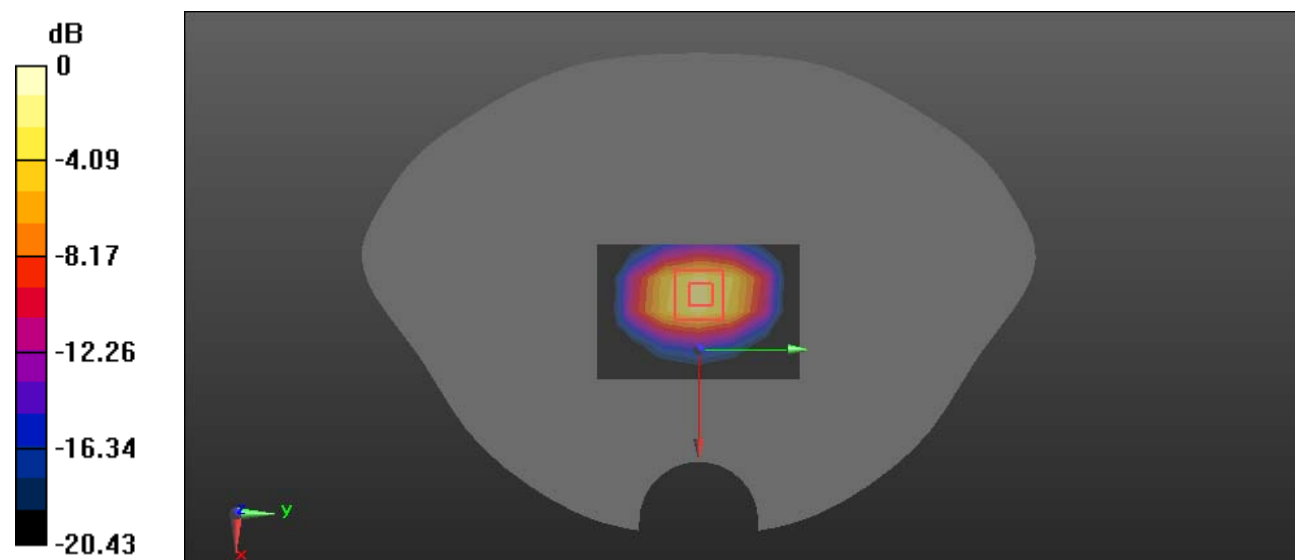
Peak SAR (extrapolated) = 7.25 W/kg

SAR(1 g) = 3.81 W/kg; SAR(10 g) = 1.98 W/kg

Smallest distance from peaks to all points 3 dB below = 8.6 mm

Ratio of SAR at M2 to SAR at M1 = 51.9%

Maximum value of SAR (measured) = 5.92 W/kg



0 dB = 5.92 W/kg = 7.72 dBW/kg

System Performance 2300 MHz Head**DUT: Dipole 2300 MHz; Type: D2300V2; Serial: 1136**

Communication System: UID 0, CW (0); Frequency: 2300 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2300$ MHz; $\sigma = 1.644$ S/m; $\epsilon_r = 40.406$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(7.4, 7.4, 7.4) @ 2300 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

2300 MHz System Check/2300 MHz/Area Scan (7x10x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 6.22 W/kg

2300 MHz System Check/2300 MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 55.82 V/m; Power Drift = -0.12 dB

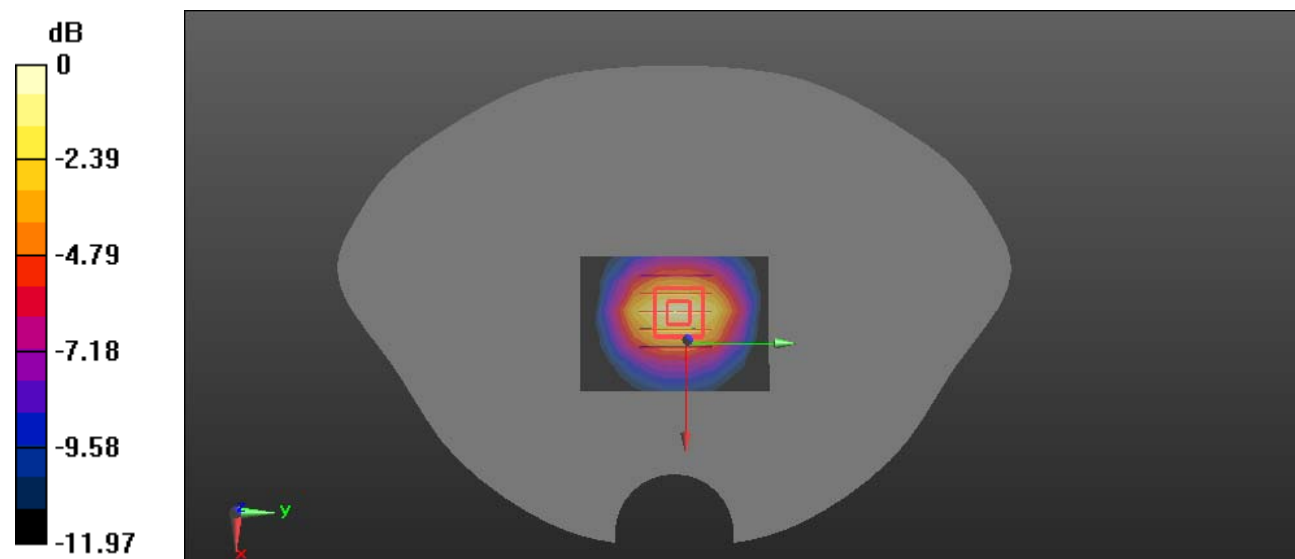
Peak SAR (extrapolated) = 7.49 W/kg

SAR(1 g) = 4.49 W/kg; SAR(10 g) = 2.21 W/kg

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 65.3%

Maximum value of SAR (measured) = 6.48 W/kg



0 dB = 6.48 W/kg = 8.12 dBW/kg

System Performance 2450 MHz Head**DUT: Dipole 2450 MHz; Type: D2450V2; Serial: 1103**

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

Medium parameters used: $f = 2450$ MHz; $\sigma = 1.804$ S/m; $\epsilon_r = 38.845$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(7.15, 7.15, 7.15) @ 2450 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

2450MHz System Check/2450MHz/Area Scan (9x10x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 6.92 W/kg

2450MHz System Check/2450MHz/Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 57.42 V/m; Power Drift = -0.15 dB

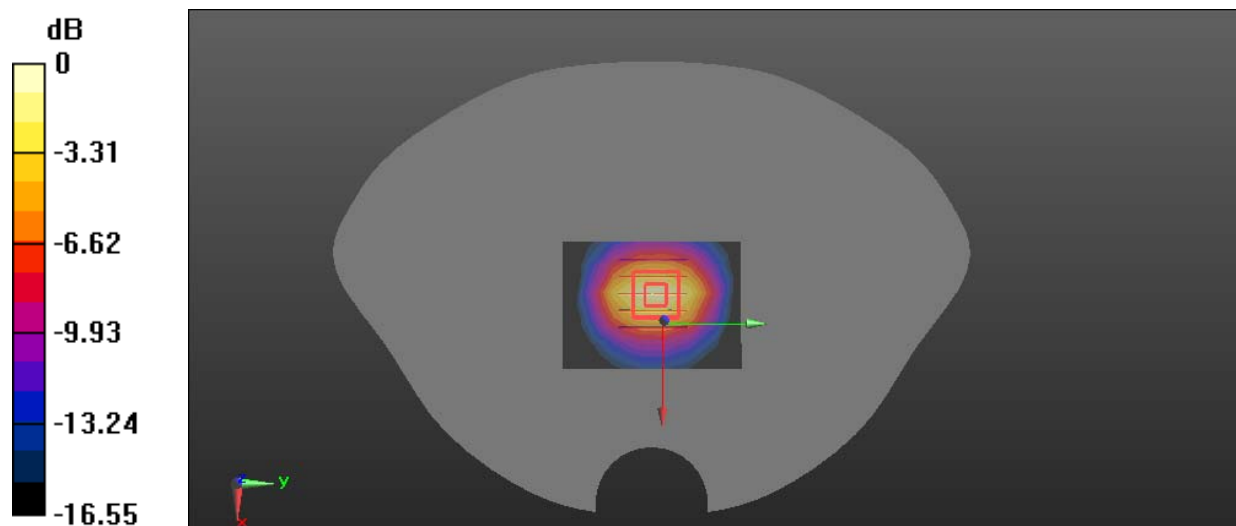
Peak SAR (extrapolated) = 7.85 W/kg

SAR(1 g) = 4.99 W/kg; SAR(10 g) = 2.37 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 65.1%

Maximum value of SAR (measured) = 6.98 W/kg



0 dB = 6.98 W/kg = 8.44 dBW/kg

System Performance 2600 MHz Head**DUT: Dipole 2600 MHz; Type: D2600V2; Serial: 1207**

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

Medium parameters used: $f = 2600$ MHz; $\sigma = 1.939$ S/m; $\epsilon_r = 39.072$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(7, 7, 7) @ 2600 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

2600MHz System Check/2600MHz/Area Scan (7x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 8.71 W/kg

2600MHz System Check/2600MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 55.92 V/m; Power Drift = -0.18 dB

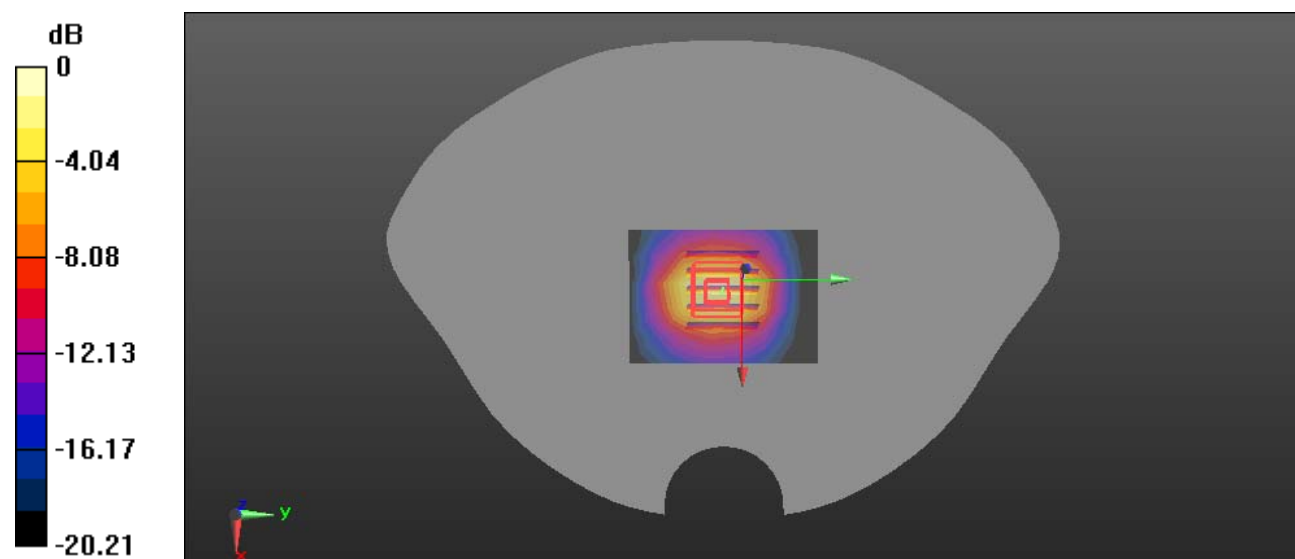
Peak SAR (extrapolated) = 11.2 W/kg

SAR(1 g) = 5.37 W/kg; SAR(10 g) = 2.41 W/kg

Smallest distance from peaks to all points 3 dB below = 9.4 mm

Ratio of SAR at M2 to SAR at M1 = 49.8%

Maximum value of SAR (measured) = 8.96 W/kg



System Performance 5250 MHz Head**DUT: D5GHzV2; Type: 5250 MHz; Serial: 1374**

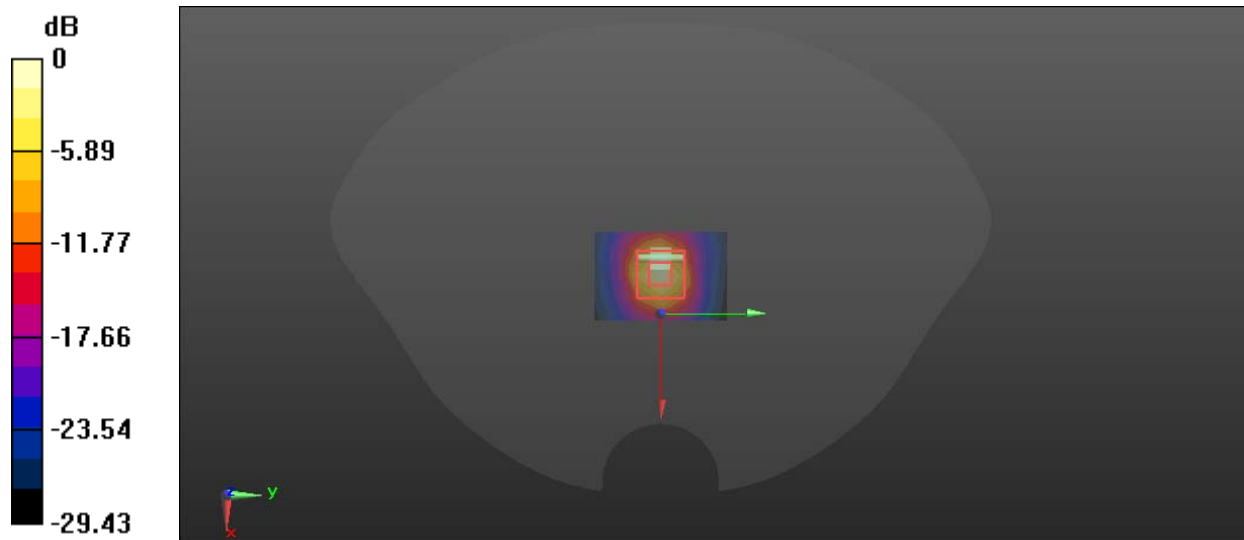
Communication System: CW (0); Frequency: 5250 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5250$ MHz; $\sigma = 4.721$ S/m; $\epsilon_r = 36.619$; $\rho = 1000$ kg/m³;
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(5.11, 5.11, 5.11) @ 5250 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5250MHz System Check/5250MHz/Area Scan (7x9x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 18.2 W/kg

5250MHz System Check/5250MHz/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 43.16 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 30.4 W/kg
SAR(1 g) = 7.46 W/kg; SAR(10 g) = 2.09 W/kg
Smallest distance from peaks to all points 3 dB below = 7.1 mm
Ratio of SAR at M2 to SAR at M1 = 52.6%
Maximum value of SAR (measured) = 19.2 W/kg



0 dB = 19.2 W/kg = 12.83 dBW/kg

System Performance 5600 MHz Head**DUT: D5GHzV2; Type: 5600 MHz; Serial: 1374**

Communication System: CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.04$ S/m; $\epsilon_r = 35.904$; $\rho = 1000$ kg/m³;

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(4.51, 4.51, 4.51) @ 5600 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5600MHz System Check/5600MHz/Area Scan (7x9x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 18.6 W/kg

5600MHz System Check/5600MHz/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 41.18 V/m; Power Drift = 0.12 dB

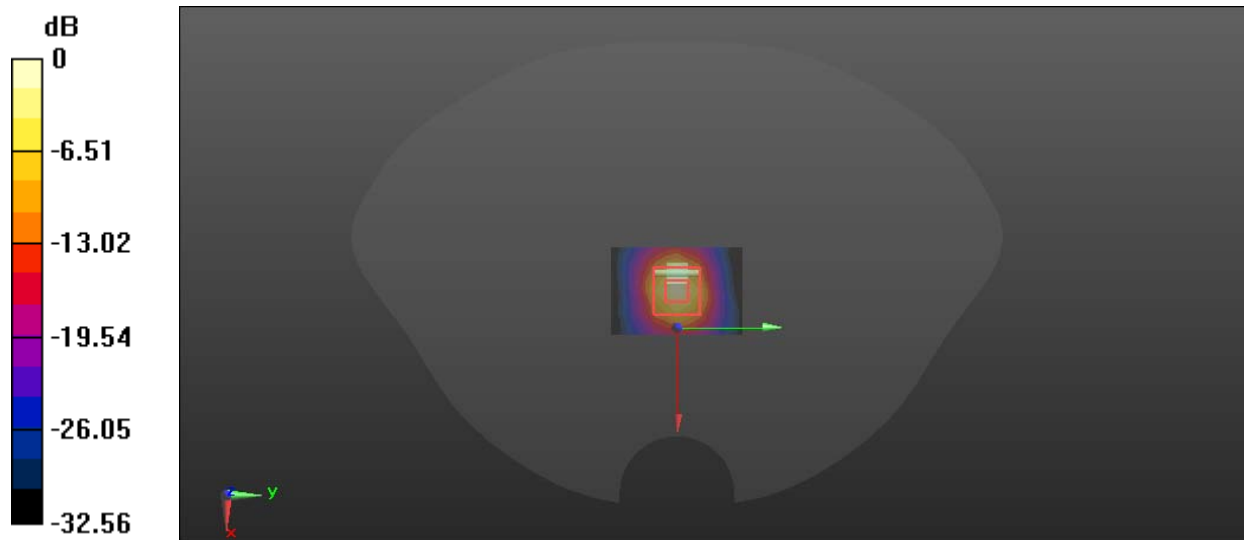
Peak SAR (extrapolated) = 32.6 W/kg

SAR(1 g) = 7.88 W/kg; SAR(10 g) = 2.23 W/kg

Smallest distance from peaks to all points 3 dB below = 8.4 mm

Ratio of SAR at M2 to SAR at M1 = 52.6%

Maximum value of SAR (measured) = 19.8 W/kg



System Performance 5800 MHz Head**DUT: D5GHzV2; Type: 5800 MHz; Serial: 1374**

Communication System: CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5800$ MHz; $\sigma = 5.315$ S/m; $\epsilon_r = 35.401$; $\rho = 1000$ kg/m³;

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(4.61, 4.61, 4.61) @ 5800 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5800MHz System Check/5800MHz/Area Scan (7x9x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 19.5 W/kg

5800MHz System Check/5800MHz/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 41.09 V/m; Power Drift = 0.06 dB

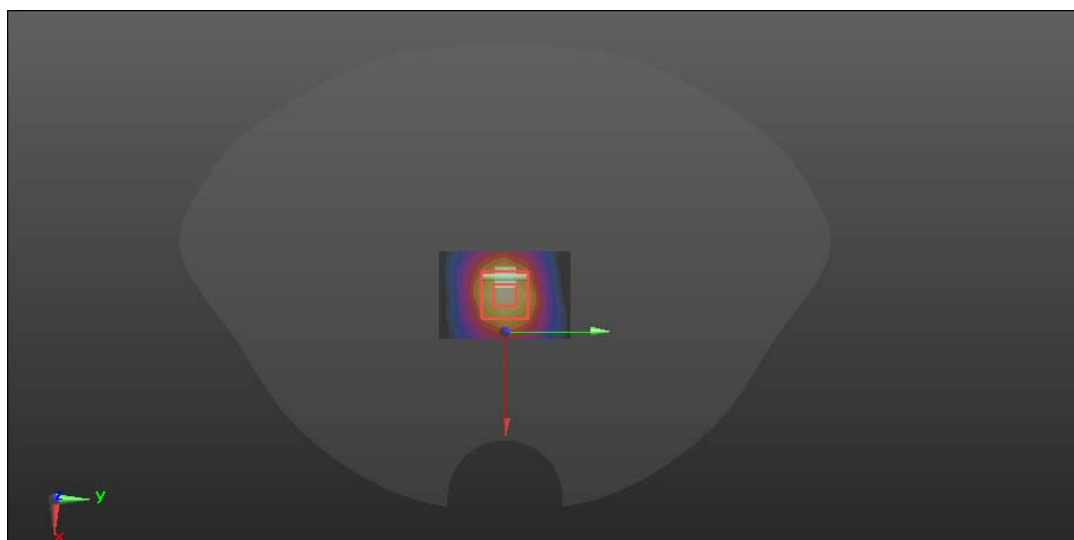
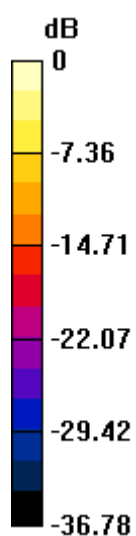
Peak SAR (extrapolated) = 33.8 W/kg

SAR(1 g) = 7.42 W/kg; SAR(10 g) = 2.06 W/kg

Smallest distance from peaks to all points 3 dB below = 9.3 mm

Ratio of SAR at M2 to SAR at M1 = 51.7%

Maximum value of SAR (measured) = 20.2 W/kg



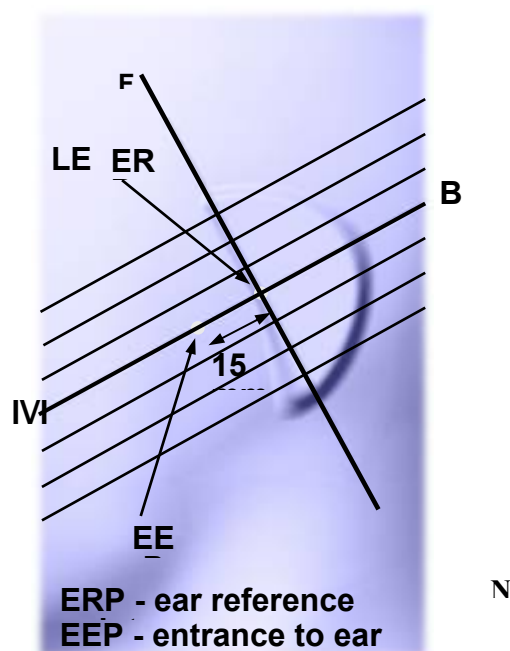
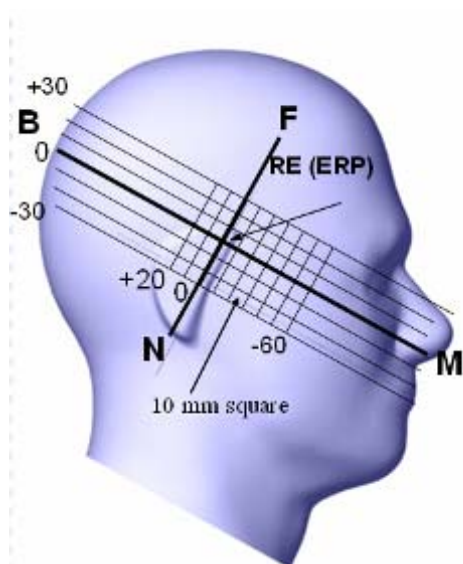
0 dB = 20.2 W/kg = 13.05 dBW/kg

EUT TEST STRATEGY AND METHODOLOGY

Test Positions for Device Operating Next to a Person's Ear

This category includes most wireless handsets with fixed, retractable or internal antennas located toward the top half of the device, with or without a foldout, sliding or similar keypad cover. The handset should have its earpiece located within the upper $\frac{1}{4}$ of the device, either along the centerline or off-centered, as perceived by its users. This type of handset should be positioned in a normal operating position with the "test device reference point" located along the "vertical centerline" on the front of the device aligned to the "ear reference point". The "test device reference point" should be located at the same level as the center of the earpiece region. The "vertical centerline" should bisect the front surface of the handset at its top and bottom edges. A "ear reference point" is located on the outer surface of the head phantom on each ear spacer. It is located 1.5 cm above the center of the ear canal entrance in the "phantom reference plane" defined by the three lines joining the center of each "ear reference point" (left and right) and the tip of the mouth.

A handset should be initially positioned with the earpiece region pressed against the ear spacer of a head phantom. For the SCC-34/SC-2 head phantom, the device should be positioned parallel to the "N-F" line defined along the base of the ear spacer that contains the "ear reference point". For interim head phantoms, the device should be positioned parallel to the cheek for maximum RF energy coupling. The "test device reference point" is aligned to the "ear reference point" on the head phantom and the "vertical centerline" is aligned to the "phantom reference plane". This is called the "initial ear position". While maintaining these three alignments, the body of the handset is gradually adjusted to each of the following positions for evaluating SAR:



Cheek/Touch Position

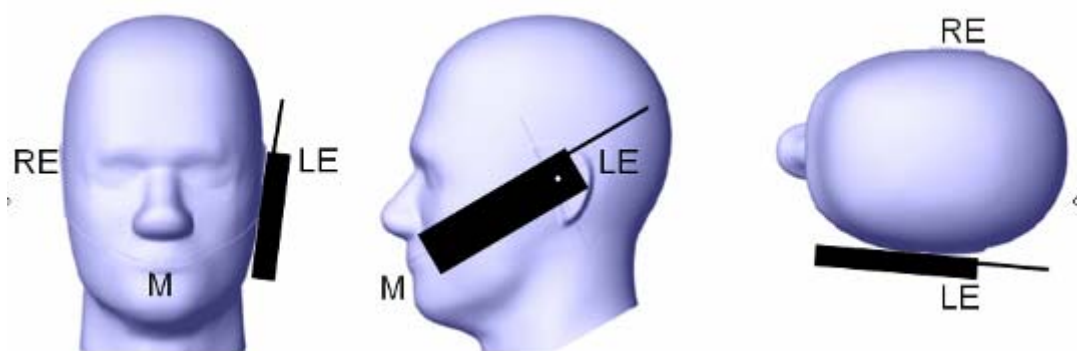
The device is brought toward the mouth of the head phantom by pivoting against the “ear reference point” or along the “N-F” line for the SCC-34/SC-2 head phantom.

This test position is established:

- When any point on the display, keypad or mouthpiece portions of the handset is in contact with the phantom.
- (or) When any portion of a foldout, sliding or similar keypad cover opened to its intended self-adjusting normal use position is in contact with the cheek or mouth of the phantom.

For existing head phantoms – when the handset loses contact with the phantom at the pivoting point, rotation should continue until the device touches the cheek of the phantom or breaks its last contact from the ear spacer.

Cheek /Touch Position



Ear/Tilt Position

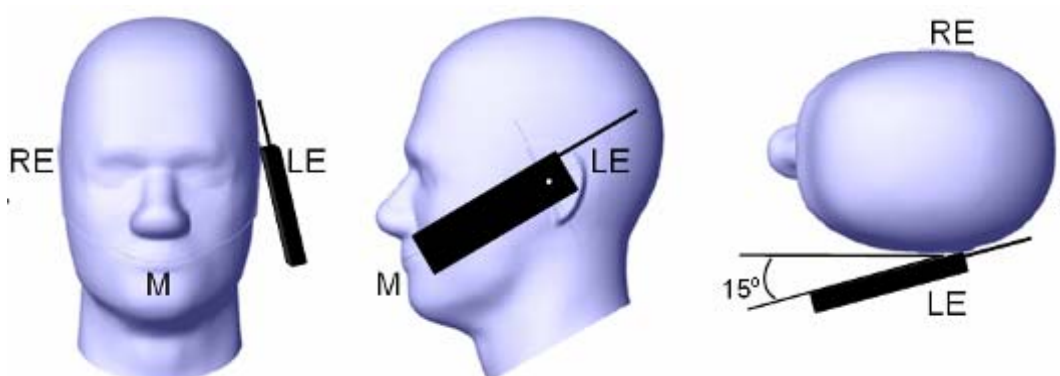
With the handset aligned in the “Cheek/Touch Position”:

1) If the earpiece of the handset is not in full contact with the phantom’s ear spacer (in the “Cheek/Touch position”) and the peak SAR location for the “Cheek/Touch” position is located at the ear spacer region or corresponds to the earpiece region of the handset, the device should be returned to the “initial ear position” by rotating it away from the mouth until the earpiece is in full contact with the ear spacer.

2) (otherwise) The handset should be moved (translated) away from the cheek perpendicular to the line passes through both “ear reference points” (note: one of these ear reference points may not physically exist on a split head model) for approximate 2-3 cm. While it is in this position, the device handset is tilted away from the mouth with respect to the “test device reference point” until the inside angle between the vertical centerline on the front surface of the phone and the horizontal line passing through the ear reference point is by 15°. After the tilt, it is then moved (translated) back toward the head perpendicular to the line passes through both “ear reference points” until the device touches the phantom or the ear spacer. If the antenna touches the head first, the positioning process should be repeated with a tilt angle less than 15° so that the device and its antenna would touch the phantom simultaneously. This test position may require a device holder or positioner to achieve the translation and tilting with acceptable positioning repeatability.

If a device is also designed to transmit with its keypad cover closed for operating in the head position, such positions should also be considered in the SAR evaluation. The device should be tested on the left and right side of the head phantom in the “Cheek/Touch” and “Ear/Tilt” positions. When applicable, each configuration should be tested with the antenna in its fully extended and fully retracted positions. These test configurations should be tested at the high, middle and low frequency channels of each operating mode; for example, AMPS, CDMA, and TDMA. If the SAR measured at the middle channel for each test configuration (left, right, Cheek/Touch, Tile/Ear, extended and retracted) is at least 2.0 dB lower than the SAR limit, testing at the high and low channels is optional for such test configuration(s). If the transmission band of the test device is less than 10 MHz, testing at the high and low frequency channels is optional.

Ear /Tilt 15° Position



Test positions for body-worn and other configurations

Body-worn operating configurations should be tested with the belt-clips and holsters attached to the device and positioned against a flat phantom in normal use configurations. Devices with a headset output should be tested with a headset connected to the device. When multiple accessories that do not contain metallic components are supplied with the device, the device may be tested with only the accessory that dictates the closest spacing to the body. When multiple accessories that contain metallic components are supplied with the device, the device must be tested with each accessory that contains a unique metallic component. If multiple accessories share an identical metallic component (e.g., the same metallic belt-clip used with different holsters with no other metallic components), only the accessory that dictates the closest spacing to the body must be tested.

Body-worn accessories may not always be supplied or available as options for some devices that are intended to be authorized for body-worn use. A separation distance of 1.5 cm between the back of the device and a flat phantom is recommended for testing body-worn SAR compliance under such circumstances. Other separation distances may be used, but they should not exceed 2.5 cm. In these cases, the device may use body-worn accessories that provide a separation distance greater than that tested for the device provided however that the accessory contains no metallic components.

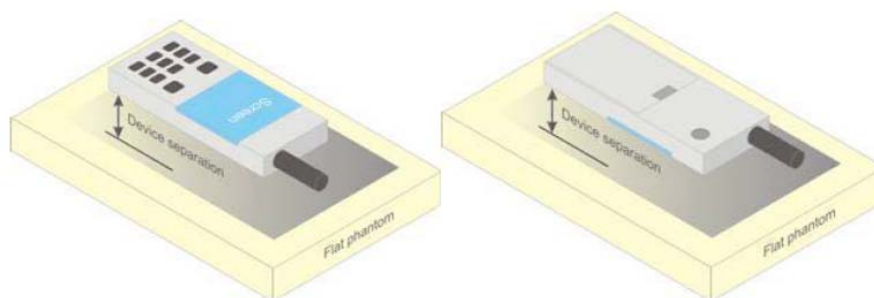


Figure 5 – Test positions for body-worn devices

SAR Evaluation Procedure

The evaluation was performed with the following procedure:

Step 1: Measurement of the SAR value at a fixed location above the ear point or central position was used as a reference value for assessing the power drop. The SAR at this point is measured at the start of the test and then again at the end of the testing.

Step 2: The SAR distribution at the exposed side of the head was measured at a distance of 4 mm from the inner surface of the shell. The area covered the entire dimension of the head or EUT and the horizontal grid spacing was 10 mm x 10 mm. Based on these data, the area of the maximum absorption was determined by spline interpolation. The first Area Scan covers the entire dimension of the EUT to ensure that the hotspot was correctly identified.

Step 3: Around this point, a volume of 30 mm x 30 mm x 30 mm was assessed by measuring 7x 7 x 7 points. On the basis of this data set, the spatial peak SAR value was evaluated under the following procedure:

- 1) The data at the surface were extrapolated, since the center of the dipoles is 1.2 mm away from the tip of the probe and the distance between the surface and the lowest measuring point is 1.3 mm. The extrapolation was based on a least square algorithm. A polynomial of the fourth order was calculated through the points in z-axes. This polynomial was then used to evaluate the points between the surface and the probe tip.
- 2) The maximum value was searched with a straightforward algorithm. Around this maximum the SAR values averaged over the spatial volumes (1 g or 10 g) were computed by the 3D-Spline interpolation algorithm. The 3D-Spline is composed of three one dimensional splines with the "Not a knot"-condition (in x, y and z-directions). The volume was integrated with the trapezoidal-algorithm. One thousand points (10 x 10 x 10) were to calculate the averages.
All neighboring volumes were evaluated until no neighboring volume with a higher average value was found.

Step 4: Re-measurement of the SAR value at the same location as in Step 1. If the value changed by more than 5%, the evaluation was repeated.

CONDUCTED OUTPUT POWER MEASUREMENT**Test Results:****GSM**

| Band | Frequency (MHz) | RF Power(dBm) | |
|----------|--------------------|---------------|-------|
| | | (dBm) | (W) |
| EGSM 900 | 880.2 | 32.98 | 1.986 |
| | 902.0 | 33.16 | 2.07 |
| | 914.8 | 33.16 | 2.07 |
| DCS 1800 | 1710.4 | 30.41 | 1.099 |
| | 1747.8 | 29.53 | 0.897 |
| | 1784.6 | 29.18 | 0.828 |

GPRS

| Mode | Channel No. | Frequency (MHz) | RF Output Power (dBm) | | | |
|----------|-------------|--------------------|-----------------------|---------|---------|---------|
| | | | 1 slot | 2 slots | 3 slots | 4 slots |
| EGSM 900 | 975 | 880.2 | 33.02 | 31.08 | 29.20 | 27.17 |
| | 60 | 902.0 | 33.23 | 31.19 | 29.24 | 27.43 |
| | 124 | 914.8 | 33.10 | 31.21 | 29.27 | 27.30 |
| DCS 1800 | 513 | 1710.4 | 30.19 | 27.74 | 26.23 | 24.45 |
| | 700 | 1747.8 | 29.55 | 27.21 | 25.88 | 23.92 |
| | 884 | 1784.6 | 29.13 | 26.98 | 25.54 | 23.71 |

EDGE

| Mode | Channel No. | Frequency (MHz) | RF Output Power (dBm) | | | |
|----------|-------------|--------------------|-----------------------|---------|---------|---------|
| | | | 1 slot | 2 slots | 3 slots | 4 slots |
| EGSM 900 | 975 | 880.2 | 25.92 | 24.57 | 22.85 | 20.92 |
| | 60 | 902.0 | 26.62 | 25.38 | 23.23 | 21.76 |
| | 124 | 914.8 | 26.42 | 25.58 | 23.68 | 21.70 |
| DCS 1800 | 513 | 1710.4 | 27.49 | 25.86 | 24.00 | 21.58 |
| | 700 | 1747.8 | 27.64 | 26.13 | 24.14 | 22.01 |
| | 884 | 1784.6 | 27.57 | 26.40 | 24.23 | 22.34 |

For SAR, the time based average power is relevant, the difference in between depends on the duty cycle of the TDMA signal.

| Number of Time slot | 1 | 2 | 3 | 4 |
|--|-------|-------|----------|-------|
| Duty Cycle | 1:8 | 1:4 | 1:2.66 | 1:2 |
| Time based Ave. power compared to slotted Ave. power | -9 dB | -6 dB | -4.25 dB | -3 dB |
| Crest Factor | 8 | 4 | 2.66 | 2 |

The time based average power for GSM

| Band | Channel No. | Frequency (MHz) | RF Output Power (dBm) |
|----------|-------------|-----------------|-----------------------|
| EGSM 900 | 975 | 880.2 | 23.98 |
| | 60 | 902.0 | 24.16 |
| | 124 | 914.8 | 24.16 |
| DCS 1800 | 513 | 1710.4 | 21.41 |
| | 700 | 1747.8 | 20.53 |
| | 884 | 1784.6 | 20.18 |

The time based average power for GPRS

| Mode | Channel No. | Frequency (MHz) | RF Output Power (dBm) | | | |
|----------|-------------|-----------------|-----------------------|--------------|--------------|---------|
| | | | 1 slot | 2 slots | 3 slots | 4 slots |
| EGSM 900 | 975 | 880.2 | 24.02 | 25.08 | 24.95 | 24.17 |
| | 60 | 902.0 | 24.23 | 25.19 | 24.99 | 24.43 |
| | 124 | 914.8 | 24.1 | 25.21 | 25.02 | 24.3 |
| DCS 1800 | 513 | 1710.4 | 21.19 | 21.74 | 21.98 | 21.45 |
| | 700 | 1747.8 | 20.55 | 21.21 | 21.63 | 20.92 |
| | 884 | 1784.6 | 20.13 | 20.98 | 21.29 | 20.71 |

The time based average power for EDGE

| Mode | Channel No. | Frequency (MHz) | RF Output Power (dBm) | | | |
|----------|-------------|-----------------|-----------------------|---------|---------|---------|
| | | | 1 slot | 2 slots | 3 slots | 4 slots |
| EGSM 900 | 975 | 880.2 | 16.92 | 18.57 | 18.6 | 17.92 |
| | 60 | 902.0 | 17.62 | 19.38 | 18.98 | 18.76 |
| | 124 | 914.8 | 17.42 | 19.58 | 19.43 | 18.7 |
| DCS 1800 | 513 | 1710.4 | 18.49 | 19.86 | 19.75 | 18.58 |
| | 700 | 1747.8 | 18.64 | 20.13 | 19.89 | 19.01 |
| | 884 | 1784.6 | 18.57 | 20.4 | 19.98 | 19.34 |

Note:

1. For GSM voice, 1 timeslot has been activated with power level 5 (850 & 900 MHz band) and 0 (1800 & 1900 MHz band).
2. For GPRS, 1, 2, 3 and 4 timeslots has been activated separately with power control level 3 (850 & 900 MHz band) and 3 (1800 & 1900 MHz band).
3. For EGPRS, 1, 2, 3 and 4 timeslots has been activated separately with power control level 6 (850 & 900 MHz band) and 5 (1800 & 1900 MHz band).

WCDMA Band 1

| Test Condition | Test Mode | 3GPP Sub Test | RF Power(dBm) | | |
|----------------|------------|---------------|---------------|-------------|--------------|
| | | | Low Channel | Mid Channel | High Channel |
| Normal | Rel 99 RMC | / | 22.40 | 22.37 | 22.47 |
| | HSDPA | 1 | 20.76 | 20.62 | 20.44 |
| | | 2 | 20.60 | 20.74 | 20.47 |
| | | 3 | 20.61 | 20.65 | 20.41 |
| | | 4 | 20.56 | 20.53 | 20.49 |
| | HSUPA | 1 | 20.98 | 20.89 | 20.99 |
| | | 2 | 20.79 | 20.77 | 21.00 |
| | | 3 | 20.87 | 20.62 | 21.14 |
| | | 4 | 20.90 | 20.87 | 21.06 |
| | | 5 | 20.91 | 20.98 | 21.02 |
| | HSPA+ | 1 | 20.83 | 20.86 | 20.91 |

WCDMA Band 8

| Test Condition | Test Mode | 3GPP Sub Test | RF Power(dBm) | | |
|----------------|------------|---------------|---------------|-------------|--------------|
| | | | Low Channel | Mid Channel | High Channel |
| Normal | Rel 99 RMC | / | 23.6 | 23.57 | 23.69 |
| | HSDPA | 1 | 22.06 | 22.54 | 22.31 |
| | | 2 | 21.97 | 22.44 | 22.23 |
| | | 3 | 22.12 | 22.47 | 22.39 |
| | | 4 | 22.14 | 22.32 | 22.2 |
| | HSUPA | 1 | 22.23 | 22.87 | 22.6 |
| | | 2 | 22.52 | 22.91 | 22.66 |
| | | 3 | 22.4 | 22.89 | 22.66 |
| | | 4 | 22.33 | 22.87 | 22.52 |
| | | 5 | 22.47 | 22.89 | 22.66 |
| | HSPA+ | 1 | 22.46 | 22.92 | 22.72 |

Note:

The default test configuration is to measure SAR with an established radio link between the EUT and a communication test set using a 12.2 kbps RMC (reference measurement Channel) Configured in All 1.

LTE:

| Test Band | Test Bandwidth | Test Channel | Resource Block Size | Power(dBm) |
|-----------|----------------|--------------|---------------------|--------------|
| Band 1 | 5 MHz | Low | RB1#0 | 21.79 |
| | | | RB8#0 | 21.64 |
| | | Middle | RB1#0 | 21.64 |
| | | | RB8#0 | 21.7 |
| | | High | RB1#24 | 21.83 |
| | | | RB8#17 | 22.01 |
| | 20 MHz | Low | RB1#0 | 21.62 |
| | | | RB18#0 | 21.57 |
| | | | RB50#0 | 21.47 |
| | | | RB100#0 | 20.49 |
| | | Middle | RB1#0 | 21.75 |
| | | | RB18#0 | 21.68 |
| | | | RB50#0 | 21.42 |
| | | | RB100#0 | 21.41 |
| | | High | RB1#99 | 23.52 |
| | | | RB18#82 | 23.33 |
| | | | RB50#50 | 23.23 |
| | | | RB100#0 | 23.17 |
| Test Band | Test Bandwidth | Test Channel | Resource Block Size | Power(dBm) |
| Band 3 | 1.4 MHz | Low | RB1#0 | 22.77 |
| | | | RB5#0 | 22.55 |
| | | Middle | RB1#0 | 22.08 |
| | | | RB5#0 | 21.97 |
| | | High | RB1#5 | 23.84 |
| | | | RB5#1 | 23.45 |
| | 5 MHz | Low | RB1#0 | 22.79 |
| | | | RB8#0 | 22.68 |
| | | Middle | RB1#0 | 24.01 |
| | | | RB8#0 | 23.68 |
| | | High | RB1#24 | 23.34 |
| | | | RB8#17 | 23.23 |
| | 20 MHz | Low | RB1#0 | 23.75 |
| | | | RB18#0 | 23.69 |
| | | | RB50#0 | 23.11 |
| | | | RB100#0 | 21.79 |
| | | Middle | RB1#0 | 23.78 |
| | | | RB18#0 | 23.66 |
| | | | RB50#0 | 23.25 |
| | | | RB100#0 | 22.92 |
| | | High | RB1#99 | 23.52 |
| | | | RB18#82 | 23.33 |
| | | | RB50#50 | 23.18 |
| | | | RB100#0 | 22.70 |

| Test Band | Test Bandwidth | Test Channel | Resource Block Size | Power(dBm) |
|-----------|----------------|--------------|---------------------|--------------|
| Band 7 | 5 MHz | Low | RB1#0 | 23.49 |
| | | | RB8#0 | 23.33 |
| | | Middle | RB1#0 | 22.68 |
| | | | RB8#0 | 20.46 |
| | | High | RB1#24 | 23.04 |
| | | | RB8#17 | 22.3 |
| | 20 MHz | Low | RB1#0 | 22.86 |
| | | | RB18#0 | 22.66 |
| | | | RB50#0 | 22.69 |
| | | | RB100#0 | 22.68 |
| | | Middle | RB1#0 | 22.92 |
| | | | RB18#0 | 22.85 |
| | | | RB50#0 | 22.88 |
| | | | RB100#0 | 22.66 |
| | | High | RB1#99 | 22.97 |
| | | | RB18#82 | 22.84 |
| | | | RB50#50 | 22.9 |
| | | | RB100#0 | 22.73 |
| Test Band | Test Bandwidth | Test Channel | Resource Block Size | Power(dBm) |
| Band 8 | 1.4 MHz | Low | RB1#0 | 22.84 |
| | | | RB5#0 | 22.66 |
| | | Middle | RB1#0 | 24.91 |
| | | | RB5#0 | 24.63 |
| | | High | RB1#5 | 24.11 |
| | | | RB5#1 | 24.22 |
| | 5 MHz | Low | RB1#0 | 24.57 |
| | | | RB8#0 | 23.14 |
| | | Middle | RB1#0 | 24.32 |
| | | | RB8#0 | 24.25 |
| | | High | RB1#24 | 24.13 |
| | | | RB8#17 | 23.91 |
| | 10 MHz | Low | RB1#0 | 24.57 |
| | | | RB12#0 | 24.42 |
| | | | RB25#0 | 24.19 |
| | | | RB50#0 | 23.83 |
| | | Middle | RB1#0 | 24.68 |
| | | | RB12#0 | 24.38 |
| | | | RB25#0 | 24.29 |
| | | | RB50#0 | 23.96 |
| | | High | RB1#49 | 24.39 |
| | | | RB12#38 | 24.38 |
| | | | RB25#25 | 24.05 |
| | | | RB50#0 | 23.97 |

| Test Band | Test Bandwidth | Test Channel | Resource Block Size | Power(dBm) |
|-----------|----------------|--------------|---------------------|--------------|
| Band 20 | 5 MHz | Low | RB1#0 | 22.94 |
| | | | RB8#0 | 22.81 |
| | | Middle | RB1#0 | 21.51 |
| | | | RB8#0 | 21.64 |
| | | High | RB1#24 | 21.79 |
| | | | RB8#17 | 21.6 |
| | 20 MHz | Low | RB1#0 | 23.88 |
| | | | RB18#0 | 23.88 |
| | | | RB50#0 | 23.58 |
| | | | RB100#0 | 23.29 |
| | | Middle | RB1#0 | 22.16 |
| | | | RB18#0 | 21.85 |
| | | | RB50#0 | 22.15 |
| | | | RB100#0 | 21.82 |
| | | High | RB1#99 | 21.92 |
| | | | RB18#82 | 21.81 |
| | | | RB50#50 | 21.73 |
| | | | RB100#0 | 21.54 |
| Test Band | Test Bandwidth | Test Channel | Resource Block Size | Power(dBm) |
| Band 28 | 3 MHz | Low | RB1#0 | 24.47 |
| | | | RB4#0 | 24.52 |
| | | Middle | RB1#0 | 24.39 |
| | | | RB4#0 | 24.4 |
| | | High | RB1#14 | 24.27 |
| | | | RB4#11 | 24.29 |
| | 5 MHz | Low | RB1#0 | 24.5 |
| | | | RB8#0 | 24.28 |
| | | Middle | RB1#0 | 24.28 |
| | | | RB8#0 | 24.29 |
| | | High | RB1#24 | 24.12 |
| | | | RB8#17 | 24.27 |
| | 20 MHz | Low | RB1#0 | 24.54 |
| | | | RB18#0 | 24.44 |
| | | | RB50#0 | 24.38 |
| | | | RB100#0 | 24.14 |
| | | Middle | RB1#0 | 24.37 |
| | | | RB18#0 | 24.19 |
| | | | RB50#0 | 24.13 |
| | | | RB100#0 | 23.98 |
| | | High | RB1#99 | 24.45 |
| | | | RB18#82 | 24.38 |
| | | | RB50#50 | 24.19 |
| | | | RB100#0 | 23.82 |

| Test Band | Test Bandwidth | Test Channel | Resource Block Size | Power(dBm) |
|-----------|----------------|--------------|---------------------|--------------|
| Band 38 | 5 MHz | Low | RB1#0 | 23.22 |
| | | | RB8#0 | 23.01 |
| | | Middle | RB1#0 | 23.44 |
| | | | RB8#0 | 22.76 |
| | | High | RB1#24 | 22.86 |
| | | | RB8#17 | 22.87 |
| | 20 MHz | Low | RB1#0 | 23.35 |
| | | | RB18#0 | 23.12 |
| | | | RB50#0 | 23.02 |
| | | | RB100#0 | 22.95 |
| | | Middle | RB1#0 | 23.24 |
| | | | RB18#0 | 23.09 |
| | | | RB50#0 | 23.05 |
| | | | RB100#0 | 22.85 |
| | | High | RB1#99 | 23.25 |
| | | | RB18#82 | 22.83 |
| | | | RB50#50 | 22.87 |
| | | | RB100#0 | 22.69 |
| Test Band | Test Bandwidth | Test Channel | Resource Block Size | Power(dBm) |
| Band 40 | 5 MHz | Low | RB1#0 | 21.32 |
| | | | RB8#0 | 21.37 |
| | | Middle | RB1#0 | 21.06 |
| | | | RB8#0 | 20.92 |
| | | High | RB1#24 | 21.03 |
| | | | RB8#17 | 20.69 |
| | 20 MHz | Low | RB1#0 | 21.39 |
| | | | RB18#0 | 21.33 |
| | | | RB50#0 | 21.15 |
| | | | RB100#0 | 20.93 |
| | | Middle | RB1#0 | 21.25 |
| | | | RB18#0 | 21.05 |
| | | | RB50#0 | 21.07 |
| | | | RB100#0 | 20.85 |
| | | High | RB1#99 | 21.46 |
| | | | RB18#82 | 21.43 |
| | | | RB50#50 | 21.39 |
| | | | RB100#0 | 21.08 |

Note:

1. The CMW500 Wideband Radio Communication tester is used for LTE output power measurements and SAR testing. Closed loop power control is used to keep the radio transmitters the max output power during the test.
2. According to the largest channel bandwidth, power data for the QPSK with 50% and 100% RB allocation were tested.

Bluetooth:

| Mode | Channel | RF Output Power | |
|--------|---------|-----------------|------|
| | | (dBm) | (mW) |
| DH1 | Hopping | 1.76 | 1.50 |
| 2DH1 | | 1.38 | 1.37 |
| 3DH1 | | 1.55 | 1.43 |
| BLE 1M | 2402 | 1.29 | 1.35 |
| | 2440 | -0.06 | 0.99 |
| | 2480 | 0.18 | 1.04 |
| BLE 1M | 2402 | 1.24 | 1.33 |
| | 2440 | -0.13 | 0.97 |
| | 2480 | 0.08 | 1.02 |

Note:

EN50663-SAR is not required for low-power equipment where the available antenna power and/or the average total radiated power is less than or equal to the Pmax values given in Annex A (20 mW for head and body)

WLAN (2.4G Band)

| Band | Frequency (MHz) | RF Output Power | |
|--------------|-----------------|-----------------|-------|
| | | (dBm) | (mW) |
| 802.11b | 2412 | 15.53 | 35.73 |
| | 2442 | 14.98 | 31.48 |
| | 2472 | 15.46 | 35.16 |
| 802.11g | 2412 | 15.65 | 36.73 |
| | 2442 | 15.29 | 33.81 |
| | 2472 | 15.68 | 36.98 |
| 802.11n-HT20 | 2412 | 15.79 | 37.93 |
| | 2442 | 15.32 | 34.04 |
| | 2472 | 15.74 | 37.50 |

Note:

1. EN50663-SAR is not required for low-power equipment where the available antenna power and/or the average total radiated power is less than or equal to the Pmax values given in Annex A (20 mW for head and body)

WLAN (5.2G Band)

| Band | Frequency (MHz) | RF Output Power | |
|------------|--------------------|-----------------|-------|
| | | (dBm) | (mW) |
| 802.11a | 5180 | 12.4 | 17.38 |
| | 5200 | 12.98 | 19.86 |
| | 5240 | 13.34 | 21.58 |
| 802.11ac20 | 5180 | 12.34 | 17.14 |
| | 5200 | 12.91 | 19.54 |
| | 5140 | 13.33 | 21.53 |
| 802.11ac40 | 5190 | 13.11 | 20.46 |
| | 5230 | 13.49 | 22.34 |

Note:

1. EN50663-SAR is not required for low-power equipment where the available antenna power and/or the average total radiated power is less than or equal to the Pmax values given in Annex A (20 mW for head and body)

WLAN (5.3G Band)

| Band | Frequency (MHz) | RF Output Power | |
|------------|--------------------|-----------------|-------|
| | | (dBm) | (mW) |
| 802.11a | 5260 | 14.32 | 27.04 |
| | 5280 | 14.75 | 29.85 |
| | 5320 | 15.01 | 31.70 |
| 802.11ac20 | 5260 | 13.52 | 22.49 |
| | 5280 | 13.83 | 24.15 |
| | 5320 | 14.21 | 26.36 |
| 802.11ac40 | 5270 | 13.36 | 21.68 |
| | 5310 | 13.96 | 24.89 |

Note:

1. EN50663-SAR is not required for low-power equipment where the available antenna power and/or the average total radiated power is less than or equal to the Pmax values given in Annex A (20 mW for head and body)

WLAN (5.6G Band)

| Band | Frequency (MHz) | RF Output Power | |
|------------|--------------------|-----------------|-------|
| | | (dBm) | (mW) |
| 802.11a | 5500 | 14.18 | 26.18 |
| | 5580 | 12.55 | 17.99 |
| | 5700 | 9.08 | 8.09 |
| 802.11ac20 | 5500 | 13.76 | 23.77 |
| | 5580 | 12.38 | 17.30 |
| | 5700 | 9.56 | 9.04 |
| 802.11ac40 | 5510 | 13.11 | 20.46 |
| | 5590 | 12.05 | 16.03 |
| | 5670 | 11.1 | 12.88 |

Note:

1. EN50663-SAR is not required for low-power equipment where the available antenna power and/or the average total radiated power is less than or equal to the Pmax values given in Annex A (20 mW for head and body)

WLAN (5.8G Band)

| Band | Frequency (MHz) | RF Output Power | |
|------------|--------------------|-----------------|-------|
| | | (dBm) | (mW) |
| 802.11a | 5745 | 11.66 | 14.66 |
| | 5785 | 10.5 | 11.22 |
| | 5825 | 9.28 | 8.47 |
| 802.11ac20 | 5745 | 11.75 | 14.96 |
| | 5785 | 10.55 | 11.35 |
| | 5825 | 9.45 | 8.81 |
| 802.11ac40 | 5755 | 11.5 | 14.13 |
| | 5795 | 10.22 | 10.52 |

Note:

1. EN50663-SAR is not required for low-power equipment where the available antenna power and/or the average total radiated power is less than or equal to the Pmax values given in Annex A (20 mW for head and body)

Maximum Target Output Power

| Max Target Power(dBm) | | | |
|------------------------------|----------------|---------------|-------------|
| Mode/Band | Channel | | |
| | Low | Middle | High |
| EGSM 900 | 33.3 | 33.3 | 33.3 |
| GPRS 1 TX Slot | 33.3 | 33.3 | 33.3 |
| GPRS 2 TX Slot | 31.3 | 31.3 | 31.3 |
| GPRS 3 TX Slot | 29.4 | 29.4 | 29.4 |
| GPRS 4 TX Slot | 27.5 | 27.5 | 27.5 |
| EDGE 1 TX Slot | 26.7 | 26.7 | 26.7 |
| EDGE 2 TX Slot | 25.7 | 25.7 | 25.7 |
| EDGE 3 TX Slot | 23.8 | 23.8 | 23.8 |
| EDGE 4 TX Slot | 21.9 | 21.9 | 21.9 |
| DCS 1800 | 30.5 | 30.5 | 30.5 |
| GPRS 1 TX Slot | 30.3 | 30.3 | 30.3 |
| GPRS 2 TX Slot | 27.8 | 27.8 | 27.8 |
| GPRS 3 TX Slot | 26.3 | 26.3 | 26.3 |
| GPRS 4 TX Slot | 24.6 | 24.6 | 24.6 |
| EDGE 1 TX Slot | 27.7 | 27.7 | 27.7 |
| EDGE 2 TX Slot | 26.5 | 26.5 | 26.5 |
| EDGE 3 TX Slot | 24.3 | 24.3 | 24.3 |
| EDGE 4 TX Slot | 22.4 | 22.4 | 22.4 |
| WCDMA Band 1(RMC) | 22.6 | 22.6 | 22.6 |
| HSDPA | 20.9 | 20.9 | 20.9 |
| HSUPA | 21.1 | 21.1 | 21.1 |
| HSPA+ | 21 | 21 | 21 |
| WCDMA Band 8(RMC) | 23.8 | 23.8 | 23.8 |
| HSDPA | 22.6 | 22.6 | 22.6 |
| HSUPA | 23 | 23 | 23 |
| HSPA+ | 23 | 23 | 23 |
| LTE Band 1 | 22 | 22 | 23.6 |
| LTE Band 3 | 24.1 | 24.1 | 24.1 |
| LTE Band 7 | 23.6 | 23.6 | 23.6 |
| LTE Band 8 | 25 | 25 | 25 |
| LTE Band 20 | 24 | 22.5 | 22.5 |
| LTE Band 28 | 24.6 | 24.6 | 24.6 |
| LTE Band 38 | 23.5 | 23.5 | 23.5 |
| LTE Band 40 | 21.5 | 21.5 | 21.5 |
| WLAN 2.4G(802.11b) | 15.6 | 15.6 | 15.6 |
| WLAN 2.4G(802.11g) | 15.8 | 15.8 | 15.8 |
| WLAN 2.4G(802.11n-HT20) | 16 | 16 | 16 |
| WLAN 5.2G(802.11a) | 12.5 | 13.5 | 13.5 |
| WLAN 5.2G(802.11ac20) | 12.5 | 13.5 | 13.5 |
| WLAN 5.2G(802.11ac40) | 13.5 | / | 13.6 |
| WLAN 5.3G(802.11a) | 15.1 | 15.1 | 15.1 |

| Max Target Power(dBm) | | | |
|-----------------------|---------|--------|------|
| Mode/Band | Channel | | |
| | Low | Middle | High |
| WLAN 5.3G(802.11ac20) | 14.3 | 14.3 | 14.3 |
| WLAN 5.3G(802.11ac40) | 14 | / | 14 |
| WLAN 5.6G(802.11a) | 14.3 | 12.7 | 9.2 |
| WLAN 5.6G(802.11ac20) | 13.9 | 12.5 | 9.7 |
| WLAN 5.6G(802.11ac40) | 13.2 | 12.2 | 11.2 |
| WLAN 5.8G(802.11a) | 11.8 | 10.7 | 9.5 |
| WLAN 5.8G(802.11ac20) | 11.9 | 10.7 | 9.5 |
| WLAN 5.8G(802.11ac40) | 11.8 | / | 10.5 |
| Bluetooth | 2.0 | 2.0 | 2.0 |
| BLE 1M | 1.5 | 0.5 | 0.5 |
| BLE 2M | 1.5 | 0.5 | 0.5 |

SAR MEASUREMENT RESULTS

This page summarizes the results of the performed dosimetric evaluation.

Test Results:

Environmental Conditions:

| | | | | | |
|---------------------------|---------------|---------------|---------------|---------------|----------------|
| Temperature: | 19.9 ~ 21.7°C | 20.5 ~ 22.1°C | 20.2 ~ 22.1°C | 20.4 ~ 21.7°C | 20.6 ~ 22.22°C |
| Relative Humidity: | 39 ~ 55% | 41 ~ 59% | 42 ~ 62% | 37 ~ 54% | 43 ~ 62% |
| ATM Pressure: | 101.9 kPa | 101.5 kPa | 100.8 kPa | 101.8 kPa | 101.1 kPa |
| Test Date: | 2026/04/19 | 2026/04/20 | 2026/04/21 | 2026/04/22 | 2026/04/23 |
| Temperature: | 20.2 ~ 21.6°C | 20.4 ~ 21.9°C | 20.5 ~ 22°C | 20.2 ~ 21.6°C | / |
| Relative Humidity: | 44 ~ 67% | 40 ~ 61% | 45 ~ 66% | 42 ~ 59% | / |
| ATM Pressure: | 101.4 kPa | 101.3 kPa | 101.2 kPa | 101.6 kPa | / |
| Test Date: | 2026/04/24 | 2026/04/25 | 2026/04/26 | 2026/04/27 | / |

* Testing was performed by Bob Lu, Danil Qiu and Sid Luo.

EGSM 900:

| EUT Position | Frequency (MHz) | Test Mode | Max. Meas. Power (dBm) | Max. Rated Power (dBm) | 10g SAR (W/Kg) | | | | |
|--------------------|-----------------|-----------|------------------------|------------------------|----------------|--------|------------|-------|------|
| | | | | | Scaled Factor | Meas. | Scaled SAR | Limit | Plot |
| Head Left Cheek | 880.2 | GPRS | / | / | / | / | / | 2.0 | / |
| | 902.0 | GPRS | 31.19 | 31.3 | 1.026 | 0.111 | 0.114 | 2.0 | / |
| | 914.8 | GPRS | / | / | / | / | / | 2.0 | / |
| Head Left Tilt | 880.2 | GPRS | / | / | / | / | / | 2.0 | / |
| | 902.0 | GPRS | 31.19 | 31.3 | 1.026 | 0.069 | 0.071 | 2.0 | / |
| | 914.8 | GPRS | / | / | / | / | / | 2.0 | / |
| Head Right Cheek | 880.2 | GPRS | 31.08 | 31.3 | 1.052 | 0.151 | 0.159 | 2.0 | / |
| | 902.0 | GPRS | 31.19 | 31.3 | 1.026 | 0.169 | 0.173 | 2.0 | 1# |
| | 914.8 | GPRS | 31.21 | 31.3 | 1.021 | 0.165 | 0.168 | 2.0 | / |
| Head Right Tilt | 880.2 | GPRS | / | / | / | / | / | 2.0 | / |
| | 902.0 | GPRS | 31.19 | 31.3 | 1.026 | 0.078 | 0.08 | 2.0 | / |
| | 914.8 | GPRS | / | / | / | / | / | 2.0 | / |
| Body Front (5 mm) | 880.2 | GPRS | / | / | / | / | / | 2.0 | / |
| | 902.0 | GPRS | 31.19 | 31.3 | 1.026 | 0.239 | 0.245 | 2.0 | / |
| | 914.8 | GPRS | / | / | / | / | / | 2.0 | / |
| Body Back (5 mm) | 880.2 | GPRS | 31.08 | 31.3 | 1.052 | 0.734 | 0.772 | 2.0 | / |
| | 902.0 | GPRS | 31.19 | 31.3 | 1.026 | 0.761 | 0.781 | 2.0 | 2# |
| | 914.8 | GPRS | 31.21 | 31.3 | 1.021 | 0.757 | 0.773 | 2.0 | / |
| Limb Front (0 mm) | 880.2 | GPRS | / | / | / | / | / | 4.0 | / |
| | 902.0 | GPRS | 31.19 | 31.3 | 1.026 | 0.368 | 0.378 | 4.0 | / |
| | 914.8 | GPRS | / | / | / | / | / | 4.0 | / |
| Limb Back (0 mm) | 880.2 | GPRS | 31.08 | 31.3 | 1.052 | 0.829 | 0.872 | 4.0 | / |
| | 902.0 | GPRS | 31.19 | 31.3 | 1.026 | 0.863 | 0.885 | 4.0 | 3# |
| | 914.8 | GPRS | 31.21 | 31.3 | 1.021 | 0.854 | 0.872 | 4.0 | / |
| Limb Left (0 mm) | 880.2 | GPRS | / | / | / | / | / | 4.0 | / |
| | 902.0 | GPRS | 31.19 | 31.3 | 1.026 | 0.184 | 0.189 | 4.0 | / |
| | 914.8 | GPRS | / | / | / | / | / | 4.0 | / |
| Limb Right (0 mm) | 880.2 | GPRS | / | / | / | / | / | 4.0 | / |
| | 902.0 | GPRS | 31.19 | 31.3 | 1.026 | 0.382 | 0.392 | 4.0 | / |
| | 914.8 | GPRS | / | / | / | / | / | 4.0 | / |
| Limb Top (0 mm) | 880.2 | GPRS | / | / | / | / | / | 4.0 | / |
| | 902.0 | GPRS | 31.19 | 31.3 | 1.026 | < 0.01 | 0.01 | 4.0 | / |
| | 914.8 | GPRS | / | / | / | / | / | 4.0 | / |
| Limb Bottom (0 mm) | 880.2 | GPRS | / | / | / | / | / | 4.0 | / |
| | 902.0 | GPRS | 31.19 | 31.3 | 1.026 | 0.171 | 0.175 | 4.0 | / |
| | 914.8 | GPRS | / | / | / | / | / | 4.0 | / |

The data above was performed on 2026/04/21.

Note:

1. When the 10-g SAR is $\leq 1.0\text{W/Kg}$ (Head and Body), testing for other channel is optional.
2. When the 10-g SAR is $\leq 2.0\text{W/Kg}$ (Limb), testing for other channel is optional.
3. The EUT is a Class B mobile phone which can be attached to both GPRS and GSM services, using one service at a time.
4. The Multi-slot has maximum 4 Downlink slots and 4 Uplink slots, the maximum active slots is 5, when perform the multiple slots scan, 3DL+2UL is the worst case.
5. The EUT transmit and receive through the same GSM antenna while testing SAR.
6. The max. time based average power of GSM/GPRS/EGPRS mode was selected to Head, Body and Limb SAR testing.

DCS 1800:

| EUT Position | Frequency (MHz) | Test Mode | Max. Meas. Power (dBm) | Max. Rated Power (dBm) | 10g SAR (W/Kg) | | | | |
|--------------------|-----------------|-----------|------------------------|------------------------|----------------|--------|------------|-------|------|
| | | | | | Scaled Factor | Meas. | Scaled SAR | Limit | Plot |
| Head Left Cheek | 1710.4 | GPRS | 26.23 | 26.3 | 1.016 | 0.081 | 0.082 | 2.0 | / |
| | 1747.8 | GPRS | / | / | / | / | / | 2.0 | / |
| | 1784.6 | GPRS | / | / | / | / | / | 2.0 | / |
| Head Left Tilt | 1710.4 | GPRS | 26.23 | 26.3 | 1.016 | 0.041 | 0.042 | 2.0 | / |
| | 1747.8 | GPRS | / | / | / | / | / | 2.0 | / |
| | 1784.6 | GPRS | / | / | / | / | / | 2.0 | / |
| Head Right Cheek | 1710.4 | GPRS | 26.23 | 26.3 | 1.016 | 0.087 | 0.088 | 2.0 | 4# |
| | 1747.8 | GPRS | 25.88 | 26.3 | 1.102 | 0.079 | 0.087 | 2.0 | / |
| | 1784.6 | GPRS | 25.54 | 26.3 | 1.191 | 0.072 | 0.086 | 2.0 | / |
| Head Right Tilt | 1710.4 | GPRS | 26.23 | 26.3 | 1.016 | 0.043 | 0.044 | 2.0 | / |
| | 1747.8 | GPRS | / | / | / | / | / | 2.0 | / |
| | 1784.6 | GPRS | / | / | / | / | / | 2.0 | / |
| Body Front (5 mm) | 1710.4 | GPRS | 26.23 | 26.3 | 1.016 | 0.434 | 0.441 | 2.0 | / |
| | 1747.8 | GPRS | / | / | / | / | / | 2.0 | / |
| | 1784.6 | GPRS | / | / | / | / | / | 2.0 | / |
| Body Back (5 mm) | 1710.4 | GPRS | 26.23 | 26.3 | 1.016 | 0.696 | 0.707 | 2.0 | 5# |
| | 1747.8 | GPRS | 25.88 | 26.3 | 1.102 | 0.609 | 0.671 | 2.0 | / |
| | 1784.6 | GPRS | 25.54 | 26.3 | 1.191 | 0.584 | 0.696 | 2.0 | / |
| Limb Front (0 mm) | 1710.4 | GPRS | 26.23 | 26.3 | 1.016 | 0.857 | 0.871 | 4.0 | / |
| | 1747.8 | GPRS | / | / | / | / | / | 4.0 | / |
| | 1784.6 | GPRS | / | / | / | / | / | 4.0 | / |
| Limb Back (0 mm) | 1710.4 | GPRS | 26.23 | 26.3 | 1.016 | 1.53 | 1.554 | 4.0 | 6# |
| | 1747.8 | GPRS | 25.88 | 26.3 | 1.102 | 1.38 | 1.521 | 4.0 | / |
| | 1784.6 | GPRS | 25.54 | 26.3 | 1.191 | 1.29 | 1.536 | 4.0 | / |
| Limb Left (0 mm) | 1710.4 | GPRS | 26.23 | 26.3 | 1.016 | 0.615 | 0.625 | 4.0 | / |
| | 1747.8 | GPRS | / | / | / | / | / | 4.0 | / |
| | 1784.6 | GPRS | / | / | / | / | / | 4.0 | / |
| Limb Right (0 mm) | 1710.4 | GPRS | 26.23 | 26.3 | 1.016 | 0.294 | 0.299 | 4.0 | / |
| | 1747.8 | GPRS | / | / | / | / | / | 4.0 | / |
| | 1784.6 | GPRS | / | / | / | / | / | 4.0 | / |
| Limb Top (0 mm) | 1710.4 | GPRS | 26.23 | 26.3 | 1.016 | < 0.01 | 0.01 | 4.0 | / |
| | 1747.8 | GPRS | / | / | / | / | / | 4.0 | / |
| | 1784.6 | GPRS | / | / | / | / | / | 4.0 | / |
| Limb Bottom (0 mm) | 1710.4 | GPRS | 26.23 | 26.3 | 1.016 | 0.362 | 0.368 | 4.0 | / |
| | 1747.8 | GPRS | / | / | / | / | / | 4.0 | / |
| | 1784.6 | GPRS | / | / | / | / | / | 4.0 | / |

Note:

1. When the 10-g SAR is $\leq 1.0\text{W/Kg}$ (Head and Body), testing for other channel is optional.
2. When the 10-g SAR is $\leq 2.0\text{W/Kg}$ (Limb), testing for other channel is optional.
3. The EUT is a Class B mobile phone which can be attached to both GPRS and GSM services, using one service at a time.
4. The Multi-slot has maximum 4 Downlink slots and 4 Uplink slots, the maximum active slots is 5, when perform the multiple slots scan, 2DL+3UL is the worst case.
5. The EUT transmit and receive through the same GSM antenna while testing SAR.
6. The max. time based average power of GSM/GPRS/EGPRS mode was selected to Head, Body and Limb SAR testing.

WCDMA Band 1:

| EUT Position | Frequency (MHz) | Test Mode | Max. Meas. Power (dBm) | Max. Rated Power (dBm) | 10g SAR (W/Kg) | | | | |
|--------------------|-----------------|-----------|------------------------|------------------------|----------------|-------|------------|-------|------|
| | | | | | Scaled Factor | Meas. | Scaled SAR | Limit | Plot |
| Head Left Cheek | 1922.6 | RMC | 22.4 | 22.6 | 1.047 | 0.216 | 0.226 | 2.0 | / |
| | 1950.0 | RMC | 22.37 | 22.6 | 1.054 | 0.209 | 0.22 | 2.0 | / |
| | 1977.4 | RMC | 22.47 | 22.6 | 1.03 | 0.224 | 0.231 | 2.0 | 7# |
| Head Left Tilt | 1922.6 | RMC | / | / | / | / | / | 2.0 | / |
| | 1950.0 | RMC | 22.37 | 22.6 | 1.054 | 0.105 | 0.111 | 2.0 | / |
| | 1977.4 | RMC | / | / | / | / | / | 2.0 | / |
| Head Right Cheek | 1922.6 | RMC | / | / | / | / | / | 2.0 | / |
| | 1950.0 | RMC | 22.37 | 22.6 | 1.054 | 0.106 | 0.112 | 2.0 | / |
| | 1977.4 | RMC | / | / | / | / | / | 2.0 | / |
| Head Right Tilt | 1922.6 | RMC | / | / | / | / | / | 2.0 | / |
| | 1950.0 | RMC | 22.37 | 22.6 | 1.054 | 0.091 | 0.096 | 2.0 | / |
| | 1977.4 | RMC | / | / | / | / | / | 2.0 | / |
| Body Front (5 mm) | 1922.6 | RMC | / | / | / | / | / | 2.0 | / |
| | 1950.0 | RMC | 22.37 | 22.6 | 1.054 | 0.658 | 0.694 | 2.0 | / |
| | 1977.4 | RMC | / | / | / | / | / | 2.0 | / |
| Body Back (5 mm) | 1922.6 | RMC | 22.4 | 22.6 | 1.047 | 1.08 | 1.131 | 2.0 | / |
| | 1950.0 | RMC | 22.37 | 22.6 | 1.054 | 1.04 | 1.096 | 2.0 | / |
| | 1977.4 | RMC | 22.47 | 22.6 | 1.03 | 1.11 | 1.143 | 2.0 | 8# |
| Limb Front (0 mm) | 1922.6 | RMC | / | / | / | / | / | 4.0 | / |
| | 1950.0 | RMC | 22.37 | 22.6 | 1.054 | 1.71 | 1.802 | 4.0 | / |
| | 1977.4 | RMC | / | / | / | / | / | 4.0 | / |
| Limb Back (0 mm) | 1922.6 | RMC | 22.4 | 22.6 | 1.047 | 2.93 | 3.068 | 4.0 | / |
| | 1950.0 | RMC | 22.37 | 22.6 | 1.054 | 2.87 | 3.025 | 4.0 | / |
| | 1977.4 | RMC | 22.47 | 22.6 | 1.03 | 2.99 | 3.08 | 4.0 | 9# |
| Limb Left (0 mm) | 1922.6 | RMC | / | / | / | / | / | 4.0 | / |
| | 1950.0 | RMC | 22.37 | 22.6 | 1.054 | 1.24 | 1.307 | 4.0 | / |
| | 1977.4 | RMC | / | / | / | / | / | 4.0 | / |
| Limb Right (0 mm) | 1922.6 | RMC | / | / | / | / | / | 4.0 | / |
| | 1950.0 | RMC | 22.37 | 22.6 | 1.054 | 0.85 | 0.896 | 4.0 | / |
| | 1977.4 | RMC | / | / | / | / | / | 4.0 | / |
| Limb Top (0 mm) | 1922.6 | RMC | / | / | / | / | / | 4.0 | / |
| | 1950.0 | RMC | 22.37 | 22.6 | 1.054 | 0.106 | 0.112 | 4.0 | / |
| | 1977.4 | RMC | / | / | / | / | / | 4.0 | / |
| Limb Bottom (0 mm) | 1922.6 | RMC | / | / | / | / | / | 4.0 | / |
| | 1950.0 | RMC | 22.37 | 22.6 | 1.054 | 1.05 | 1.107 | 4.0 | / |
| | 1977.4 | RMC | / | / | / | / | / | 4.0 | / |

WCDMA Band 8:

| EUT Position | Frequency (MHz) | Test Mode | Max. Meas. Power (dBm) | Max. Rated Power (dBm) | 10g SAR (W/Kg) | | | | |
|--------------------|-----------------|-----------|------------------------|------------------------|----------------|--------|------------|-------|------|
| | | | | | Scaled Factor | Meas. | Scaled SAR | Limit | Plot |
| Head Left Cheek | 882.6 | RMC | / | / | / | / | / | 2.0 | / |
| | 897.6 | RMC | 23.57 | 23.8 | 1.054 | 0.108 | 0.114 | 2.0 | / |
| | 912.4 | RMC | / | / | / | / | / | 2.0 | / |
| Head Left Tilt | 882.6 | RMC | / | / | / | / | / | 2.0 | / |
| | 897.6 | RMC | 23.57 | 23.8 | 1.054 | 0.049 | 0.052 | 2.0 | / |
| | 912.4 | RMC | / | / | / | / | / | 2.0 | / |
| Head Right Cheek | 882.6 | RMC | 23.6 | 23.8 | 1.047 | 0.147 | 0.154 | 2.0 | 10# |
| | 897.6 | RMC | 23.57 | 23.8 | 1.054 | 0.141 | 0.149 | 2.0 | / |
| | 912.4 | RMC | 23.69 | 23.8 | 1.026 | 0.138 | 0.142 | 2.0 | / |
| Head Right Tilt | 882.6 | RMC | / | / | / | / | / | 2.0 | / |
| | 897.6 | RMC | 23.57 | 23.8 | 1.054 | 0.068 | 0.072 | 2.0 | / |
| | 912.4 | RMC | / | / | / | / | / | 2.0 | / |
| Body Front (5 mm) | 882.6 | RMC | / | / | / | / | / | 2.0 | / |
| | 897.6 | RMC | 23.57 | 23.8 | 1.054 | 0.384 | 0.405 | 2.0 | / |
| | 912.4 | RMC | / | / | / | / | / | 2.0 | / |
| Body Back (5 mm) | 882.6 | RMC | 23.6 | 23.8 | 1.047 | 0.667 | 0.698 | 2.0 | 11# |
| | 897.6 | RMC | 23.57 | 23.8 | 1.054 | 0.653 | 0.688 | 2.0 | / |
| | 912.4 | RMC | 23.69 | 23.8 | 1.026 | 0.661 | 0.678 | 2.0 | / |
| Limb Front (0 mm) | 882.6 | RMC | / | / | / | / | / | 4.0 | / |
| | 897.6 | RMC | 23.57 | 23.8 | 1.054 | 0.314 | 0.331 | 4.0 | / |
| | 912.4 | RMC | / | / | / | / | / | 4.0 | / |
| Limb Back (0 mm) | 882.6 | RMC | 23.6 | 23.8 | 1.047 | 0.974 | 1.02 | 4.0 | 12# |
| | 897.6 | RMC | 23.57 | 23.8 | 1.054 | 0.966 | 1.018 | 4.0 | / |
| | 912.4 | RMC | 23.69 | 23.8 | 1.026 | 0.971 | 0.996 | 4.0 | / |
| Limb Left (0 mm) | 882.6 | RMC | / | / | / | / | / | 4.0 | / |
| | 897.6 | RMC | 23.57 | 23.8 | 1.054 | 0.153 | 0.161 | 4.0 | / |
| | 912.4 | RMC | / | / | / | / | / | 4.0 | / |
| Limb Right (0 mm) | 882.6 | RMC | / | / | / | / | / | 4.0 | / |
| | 897.6 | RMC | 23.57 | 23.8 | 1.054 | 0.276 | 0.291 | 4.0 | / |
| | 912.4 | RMC | / | / | / | / | / | 4.0 | / |
| Limb Top (0 mm) | 882.6 | RMC | / | / | / | / | / | 4.0 | / |
| | 897.6 | RMC | 23.57 | 23.8 | 1.054 | < 0.01 | 0.01 | 4.0 | / |
| | 912.4 | RMC | / | / | / | / | / | 4.0 | / |
| Limb Bottom (0 mm) | 882.6 | RMC | / | / | / | / | / | 4.0 | / |
| | 897.6 | RMC | 23.57 | 23.8 | 1.054 | 0.115 | 0.121 | 4.0 | / |
| | 912.4 | RMC | / | / | / | / | / | 4.0 | / |

The data above was performed on 2026/04/21.

Note:

1. When the 10-g SAR is $\leq 1.0\text{W/Kg}$ (Head and Body), testing for other channel is optional.
2. When the 10-g SAR is $\leq 2.0\text{W/Kg}$ (Limb), testing for other channel is optional.
3. The default test configuration is to measure SAR with an established radio link between the EUT and a communication test set using a 12.2 kbps RMC (reference measurement Channel) Configured in All 1.

LTE FDD Band 1:

| EUT Position | Frequency (MHz) | Modulation Type | Bandwidth (MHz) | RB | Max. Meas. Power (dBm) | Max. Rated Power (dBm) | 10g SAR (W/Kg) | | | | |
|-------------------|-----------------|-----------------|-----------------|------|------------------------|------------------------|----------------|-------|------------|-------|------------|
| | | | | | | | Scaled Factor | Meas. | Scaled SAR | Limit | Plot |
| Head Left Cheek | 1930 | QPSK | 20 | 1 | 21.62 | 22 | 1.091 | 0.219 | 0.239 | 2.0 | / |
| | 1950 | QPSK | 20 | 1 | 21.75 | 22 | 1.059 | 0.224 | 0.237 | 2.0 | / |
| | 1970 | QPSK | 20 | 1 | 23.52 | 23.6 | 1.019 | 0.297 | 0.303 | 2.0 | 13# |
| | 1970 | QPSK | 20 | 50% | 23.23 | 23.6 | 1.089 | 0.253 | 0.276 | 2.0 | / |
| | 1970 | QPSK | 20 | 100% | 23.17 | 23.6 | 1.104 | 0.206 | 0.227 | 2.0 | / |
| Head Left Tilt | 1930 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| | 1950 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| | 1970 | QPSK | 20 | 1 | 23.52 | 23.6 | 1.019 | 0.074 | 0.075 | 2.0 | / |
| Head Right Cheek | 1930 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| | 1950 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| | 1970 | QPSK | 20 | 1 | 23.52 | 23.6 | 1.019 | 0.096 | 0.098 | 2.0 | / |
| Head Right Tilt | 1930 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| | 1950 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| | 1970 | QPSK | 20 | 1 | 23.52 | 23.6 | 1.019 | 0.037 | 0.038 | 2.0 | / |
| Body Front (5 mm) | 1930 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| | 1950 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| | 1970 | QPSK | 20 | 1 | 23.52 | 23.6 | 1.019 | 0.791 | 0.806 | 2.0 | / |
| Body Back (5 mm) | 1930 | QPSK | 20 | 1 | 21.62 | 22 | 1.091 | 1.01 | 1.102 | 2.0 | / |
| | 1950 | QPSK | 20 | 1 | 21.75 | 22 | 1.059 | 1.04 | 1.101 | 2.0 | / |
| | 1970 | QPSK | 20 | 1 | 23.52 | 23.6 | 1.019 | 1.21 | 1.233 | 2.0 | 14# |
| | 1970 | QPSK | 20 | 50% | 23.23 | 23.6 | 1.089 | 0.914 | 0.995 | 2.0 | / |
| | 1970 | QPSK | 20 | 100% | 23.17 | 23.6 | 1.104 | 0.909 | 1.004 | 2.0 | / |

| EUT Position | Frequency (MHz) | Modulation Type | Bandwidth (MHz) | RB | Max. Meas. Power (dBm) | Max. Rated Power (dBm) | 10g SAR (W/Kg) | | | | |
|-------------------|-----------------|-----------------|-----------------|------|------------------------|------------------------|----------------|-------|------------|-------|------|
| | | | | | | | Scaled Factor | Meas. | Scaled SAR | Limit | Plot |
| Limb Front (0mm) | 1930 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| | 1950 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| | 1970 | QPSK | 20 | 1 | 23.52 | 23.6 | 1.019 | 1.89 | 1.926 | 4.0 | / |
| Limb Back (0mm) | 1930 | QPSK | 20 | 1 | 21.62 | 22 | 1.091 | 2.69 | 2.935 | 4.0 | / |
| | 1950 | QPSK | 20 | 1 | 21.75 | 22 | 1.059 | 2.74 | 2.902 | 4.0 | / |
| | 1970 | QPSK | 20 | 1 | 23.52 | 23.6 | 1.019 | 3.14 | 3.2 | 4.0 | 15# |
| | 1930 | QPSK | 20 | 50% | 21.47 | 22 | 1.13 | 2.28 | 2.576 | 4.0 | / |
| | 1950 | QPSK | 20 | 50% | 21.42 | 22 | 1.143 | 2.31 | 2.64 | 4.0 | / |
| | 1970 | QPSK | 20 | 50% | 23.23 | 23.6 | 1.089 | 2.67 | 2.908 | 4.0 | / |
| | 1970 | QPSK | 20 | 100% | 23.17 | 23.6 | 1.104 | 2.55 | 2.815 | 4.0 | / |
| Limb Left (0mm) | 1930 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| | 1950 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| | 1970 | QPSK | 20 | 1 | 23.52 | 23.6 | 1.019 | 1.47 | 1.498 | 4.0 | / |
| Limb Right (0mm) | 1930 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| | 1950 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| | 1970 | QPSK | 20 | 1 | 23.52 | 23.6 | 1.019 | 0.863 | 0.879 | 4.0 | / |
| Limb Top (0mm) | 1930 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| | 1950 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| | 1970 | QPSK | 20 | 1 | 23.52 | 23.6 | 1.019 | 0.203 | 0.207 | 4.0 | / |
| Limb Bottom (0mm) | 1930 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| | 1950 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| | 1970 | QPSK | 20 | 1 | 23.52 | 23.6 | 1.019 | 0.958 | 0.976 | 4.0 | / |

LTE FDD Band 3:

| EUT Position | Frequency (MHz) | Modulation Type | Bandwidth (MHz) | RB | Max. Meas. Power (dBm) | Max. Rated Power (dBm) | 10g SAR (W/Kg) | | | | |
|-------------------|-----------------|-----------------|-----------------|------|------------------------|------------------------|----------------|-------|------------|-------|------|
| | | | | | | | Scaled Factor | Meas. | Scaled SAR | Limit | Plot |
| Head Left Cheek | 1720 | QPSK | 20 | 1 | 23.75 | 24.1 | 1.084 | 0.113 | 0.122 | 2.0 | / |
| | 1747.5 | QPSK | 20 | 1 | 23.78 | 24.1 | 1.076 | 0.119 | 0.128 | 2.0 | 16# |
| | 1775 | QPSK | 20 | 1 | 23.52 | 24.1 | 1.143 | 0.106 | 0.121 | 2.0 | / |
| | 1747.5 | QPSK | 20 | 50% | 23.25 | 24.1 | 1.216 | 0.094 | 0.114 | 2.0 | / |
| | 1747.5 | QPSK | 20 | 100% | 22.92 | 24.2 | 1.343 | 0.088 | 0.118 | 2.0 | / |
| Head Left Tilt | 1720 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| | 1747.5 | QPSK | 20 | 1 | 23.78 | 24.1 | 1.076 | 0.038 | 0.041 | 2.0 | / |
| | 1775 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| Head Right Cheek | 1720 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| | 1747.5 | QPSK | 20 | 1 | 23.78 | 24.1 | 1.076 | 0.097 | 0.104 | 2.0 | / |
| | 1775 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| Head Right Tilt | 1720 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| | 1747.5 | QPSK | 20 | 1 | 23.78 | 24.1 | 1.076 | 0.035 | 0.038 | 2.0 | / |
| | 1775 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| Body Front (5 mm) | 1720 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| | 1747.5 | QPSK | 20 | 1 | 23.78 | 24.1 | 1.076 | 0.686 | 0.738 | 2.0 | / |
| | 1775 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| Body Back (5 mm) | 1720 | QPSK | 20 | 1 | 23.75 | 24.1 | 1.084 | 0.974 | 1.056 | 2.0 | / |
| | 1747.5 | QPSK | 20 | 1 | 23.78 | 24.1 | 1.076 | 0.983 | 1.058 | 2.0 | 17# |
| | 1775 | QPSK | 20 | 1 | 23.52 | 24.1 | 1.143 | 0.921 | 1.053 | 2.0 | / |
| | 1747.5 | QPSK | 20 | 50% | 23.25 | 24.1 | 1.216 | 0.816 | 0.992 | 2.0 | / |
| | 1747.5 | QPSK | 20 | 100% | 22.92 | 24.2 | 1.343 | 0.78 | 1.048 | 2.0 | / |

| EUT Position | Frequency (MHz) | Modulation Type | Bandwidth (MHz) | RB | Max. Meas. Power (dBm) | Max. Rated Power (dBm) | 10g SAR (W/Kg) | | | | |
|--------------------|-----------------|-----------------|-----------------|------|------------------------|------------------------|----------------|-------|------------|-------|------|
| | | | | | | | Scaled Factor | Meas. | Scaled SAR | Limit | Plot |
| Limb Front (0 mm) | 1720 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| | 1747.5 | QPSK | 20 | 1 | 23.78 | 24.1 | 1.076 | 1.74 | 1.872 | 4.0 | / |
| | 1775 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| Limb Back (0 mm) | 1720 | QPSK | 20 | 1 | 23.75 | 24.1 | 1.084 | 2.47 | 2.677 | 4.0 | / |
| | 1747.5 | QPSK | 20 | 1 | 23.78 | 24.1 | 1.076 | 2.58 | 2.776 | 4.0 | 18# |
| | 1775 | QPSK | 20 | 1 | 23.52 | 24.1 | 1.143 | 2.33 | 2.663 | 4.0 | / |
| | 1720 | QPSK | 20 | 50% | 23.11 | 24.1 | 1.256 | 2.06 | 2.587 | 4.0 | / |
| | 1747.5 | QPSK | 20 | 50% | 23.25 | 24.1 | 1.216 | 2.11 | 2.566 | 4.0 | / |
| | 1775 | QPSK | 20 | 50% | 23.18 | 24.2 | 1.265 | 1.97 | 2.492 | 4.0 | / |
| | 1747.5 | QPSK | 20 | 100% | 22.92 | 24.2 | 1.343 | 1.86 | 2.498 | 4.0 | / |
| Limb Left (0 mm) | 1720 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| | 1747.5 | QPSK | 20 | 1 | 23.78 | 24.1 | 1.076 | 1.35 | 1.453 | 4.0 | / |
| | 1775 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| Limb Right (0 mm) | 1720 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| | 1747.5 | QPSK | 20 | 1 | 23.78 | 24.1 | 1.076 | 0.582 | 0.626 | 4.0 | / |
| | 1775 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| Limb Top (0 mm) | 1720 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| | 1747.5 | QPSK | 20 | 1 | 23.78 | 24.1 | 1.076 | 0.206 | 0.222 | 4.0 | / |
| | 1775 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| Limb Bottom (0 mm) | 1720 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| | 1747.5 | QPSK | 20 | 1 | 23.78 | 24.1 | 1.076 | 0.745 | 0.802 | 4.0 | / |
| | 1775 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |

LTE FDD Band 7:

| EUT Position | Frequency (MHz) | Modulation Type | Bandwidth (MHz) | RB | Max. Meas. Power (dBm) | Max. Rated Power (dBm) | 10g SAR (W/Kg) | | | | |
|-------------------|-----------------|-----------------|-----------------|------|------------------------|------------------------|----------------|--------|------------|-------|------|
| | | | | | | | Scaled Factor | Meas. | Scaled SAR | Limit | Plot |
| Head Left Cheek | 2510 | QPSK | 20 | 1 | 22.86 | 23.6 | 1.186 | 0.016 | 0.019 | 2.0 | / |
| | 2535 | QPSK | 20 | 1 | 22.92 | 23.6 | 1.169 | 0.02 | 0.023 | 2.0 | 19# |
| | 2560 | QPSK | 20 | 1 | 22.97 | 23.6 | 1.156 | 0.019 | 0.022 | 2.0 | / |
| | 2535 | QPSK | 20 | 50% | 22.88 | 23.6 | 1.18 | 0.015 | 0.018 | 2.0 | / |
| | 2535 | QPSK | 20 | 100% | 22.66 | 23.6 | 1.242 | 0.011 | 0.014 | 2.0 | / |
| Head Left Tilt | 2510 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| | 2535 | QPSK | 20 | 1 | 22.92 | 23.6 | 1.169 | < 0.01 | 0.01 | 2.0 | / |
| | 2560 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| Head Right Cheek | 2510 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| | 2535 | QPSK | 20 | 1 | 22.92 | 23.6 | 1.169 | 0.017 | 0.02 | 2.0 | / |
| | 2560 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| Head Right Tilt | 2510 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| | 2535 | QPSK | 20 | 1 | 22.92 | 23.6 | 1.169 | 0.019 | 0.022 | 2.0 | / |
| | 2560 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| Body Front (5 mm) | 2510 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| | 2535 | QPSK | 20 | 1 | 22.92 | 23.6 | 1.169 | 0.208 | 0.243 | 2.0 | / |
| | 2560 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| Body Back (5 mm) | 2510 | QPSK | 20 | 1 | 22.86 | 23.6 | 1.186 | 0.351 | 0.416 | 2.0 | / |
| | 2535 | QPSK | 20 | 1 | 22.92 | 23.6 | 1.169 | 0.367 | 0.429 | 2.0 | 20# |
| | 2560 | QPSK | 20 | 1 | 22.97 | 23.6 | 1.156 | 0.356 | 0.412 | 2.0 | / |
| | 2535 | QPSK | 20 | 50% | 22.88 | 23.6 | 1.18 | 0.302 | 0.356 | 2.0 | / |
| | 2535 | QPSK | 20 | 100% | 22.66 | 23.6 | 1.242 | 0.297 | 0.369 | 2.0 | / |

| EUT Position | Frequency (MHz) | Modulation Type | Bandwidth (MHz) | RB | Max. Meas. Power (dBm) | Max. Rated Power (dBm) | 10g SAR (W/Kg) | | | | |
|--------------------|-----------------|-----------------|-----------------|------|------------------------|------------------------|----------------|--------|------------|-------|------|
| | | | | | | | Scaled Factor | Meas. | Scaled SAR | Limit | Plot |
| Limb Front (0 mm) | 2510 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| | 2535 | QPSK | 20 | 1 | 22.92 | 23.6 | 1.169 | 0.549 | 0.642 | 4.0 | / |
| | 2560 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| Limb Back (0 mm) | 2510 | QPSK | 20 | 1 | 22.86 | 23.6 | 1.186 | 0.876 | 1.039 | 4.0 | / |
| | 2535 | QPSK | 20 | 1 | 22.92 | 23.6 | 1.169 | 0.903 | 1.056 | 4.0 | 21# |
| | 2560 | QPSK | 20 | 1 | 22.97 | 23.6 | 1.156 | 0.882 | 1.02 | 4.0 | / |
| | 2535 | QPSK | 20 | 50% | 22.88 | 23.6 | 1.18 | 0.815 | 0.962 | 4.0 | / |
| | 2535 | QPSK | 20 | 100% | 22.66 | 23.6 | 1.242 | 0.806 | 1.001 | 4.0 | / |
| Limb Left (0 mm) | 2510 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| | 2535 | QPSK | 20 | 1 | 22.92 | 23.6 | 1.169 | 0.511 | 0.597 | 4.0 | / |
| | 2560 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| Limb Right (0 mm) | 2510 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| | 2535 | QPSK | 20 | 1 | 22.92 | 23.6 | 1.169 | 0.012 | 0.014 | 4.0 | / |
| | 2560 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| Limb Top (0 mm) | 2510 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| | 2535 | QPSK | 20 | 1 | 22.92 | 23.6 | 1.169 | < 0.01 | 0.01 | 4.0 | / |
| | 2560 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| Limb Bottom (0 mm) | 2510 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| | 2535 | QPSK | 20 | 1 | 22.92 | 23.6 | 1.169 | 0.296 | 0.346 | 4.0 | / |
| | 2560 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |

LTE FDD Band 8:

| EUT Position | Frequency (MHz) | Modulation Type | Bandwidth (MHz) | RB | Max. Meas. Power (dBm) | Max. Rated Power (dBm) | 10g SAR (W/Kg) | | | | |
|-------------------|-----------------|-----------------|-----------------|------|------------------------|------------------------|----------------|-------|------------|-------|------|
| | | | | | | | Scaled Factor | Meas. | Scaled SAR | Limit | Plot |
| Head Left Cheek | 885 | QPSK | 10 | 1 | / | / | / | / | / | 2.0 | / |
| | 897.5 | QPSK | 10 | 1 | 24.68 | 25 | 1.076 | 0.122 | 0.131 | 2.0 | / |
| | 910 | QPSK | 10 | 1 | / | / | / | / | / | 2.0 | / |
| Head Left Tilt | 885 | QPSK | 10 | 1 | / | / | / | / | / | 2.0 | / |
| | 897.5 | QPSK | 10 | 1 | 24.68 | 25 | 1.076 | 0.065 | 0.07 | 2.0 | / |
| | 910 | QPSK | 10 | 1 | / | / | / | / | / | 2.0 | / |
| Head Right Cheek | 885 | QPSK | 10 | 1 | 24.57 | 25 | 1.104 | 0.168 | 0.185 | 2.0 | 22# |
| | 897.5 | QPSK | 10 | 1 | 24.68 | 25 | 1.076 | 0.163 | 0.175 | 2.0 | / |
| | 910 | QPSK | 10 | 1 | 24.39 | 25 | 1.151 | 0.157 | 0.181 | 2.0 | / |
| | 885 | QPSK | 10 | 50% | 24.19 | 25 | 1.205 | 0.129 | 0.155 | 2.0 | / |
| | 885 | QPSK | 10 | 100% | 23.83 | 25 | 1.309 | 0.104 | 0.136 | 2.0 | / |
| Head Right Tilt | 885 | QPSK | 10 | 1 | / | / | / | / | / | 2.0 | / |
| | 897.5 | QPSK | 10 | 1 | 24.68 | 25 | 1.076 | 0.081 | 0.087 | 2.0 | / |
| | 910 | QPSK | 10 | 1 | / | / | / | / | / | 2.0 | / |
| Body Front (5 mm) | 885 | QPSK | 10 | 1 | / | / | / | / | / | 2.0 | / |
| | 897.5 | QPSK | 10 | 1 | 24.68 | 25 | 1.076 | 0.128 | 0.138 | 2.0 | / |
| | 910 | QPSK | 10 | 1 | / | / | / | / | / | 2.0 | / |
| Body Back (5 mm) | 885 | QPSK | 10 | 1 | 24.57 | 25 | 1.104 | 0.72 | 0.795 | 2.0 | 23# |
| | 897.5 | QPSK | 10 | 1 | 24.68 | 25 | 1.076 | 0.685 | 0.737 | 2.0 | / |
| | 910 | QPSK | 10 | 1 | 24.39 | 25 | 1.151 | 0.677 | 0.779 | 2.0 | / |
| | 885 | QPSK | 10 | 50% | 24.19 | 25 | 1.205 | 0.653 | 0.787 | 2.0 | / |
| | 885 | QPSK | 10 | 100% | 23.83 | 25 | 1.309 | 0.601 | 0.787 | 2.0 | / |

The data above was performed on 2026/04/20.

| EUT Position | Frequency (MHz) | Modulation Type | Bandwidth (MHz) | RB | Max. Meas. Power (dBm) | Max. Rated Power (dBm) | 10g SAR (W/Kg) | | | | |
|-------------------|-----------------|-----------------|-----------------|------|------------------------|------------------------|----------------|--------|------------|-------|------|
| | | | | | | | Scaled Factor | Meas. | Scaled SAR | Limit | Plot |
| Limb Front (0mm) | 885 | QPSK | 10 | 1 | / | / | / | / | / | 4.0 | / |
| | 897.5 | QPSK | 10 | 1 | 24.68 | 25 | 1.076 | 0.241 | 0.259 | 4.0 | / |
| | 910 | QPSK | 10 | 1 | / | / | / | / | / | 4.0 | / |
| Limb Back (0mm) | 885 | QPSK | 10 | 1 | 24.57 | 25 | 1.104 | 1.2 | 1.325 | 4.0 | 24# |
| | 897.5 | QPSK | 10 | 1 | 24.68 | 25 | 1.076 | 1.18 | 1.27 | 4.0 | / |
| | 910 | QPSK | 10 | 1 | 24.39 | 25 | 1.151 | 1.13 | 1.301 | 4.0 | / |
| | 885 | QPSK | 10 | 50% | 24.19 | 25 | 1.205 | 1.05 | 1.265 | 4.0 | / |
| | 885 | QPSK | 10 | 100% | 23.83 | 25 | 1.309 | 0.974 | 1.275 | 4.0 | / |
| Limb Left (0mm) | 885 | QPSK | 10 | 1 | / | / | / | / | / | 4.0 | / |
| | 897.5 | QPSK | 10 | 1 | 24.68 | 25 | 1.076 | 0.203 | 0.218 | 4.0 | / |
| | 910 | QPSK | 10 | 1 | / | / | / | / | / | 4.0 | / |
| Limb Right (0mm) | 885 | QPSK | 10 | 1 | / | / | / | / | / | 4.0 | / |
| | 897.5 | QPSK | 10 | 1 | 24.68 | 25 | 1.076 | 0.317 | 0.341 | 4.0 | / |
| | 910 | QPSK | 10 | 1 | / | / | / | / | / | 4.0 | / |
| Limb Top (0mm) | 885 | QPSK | 10 | 1 | / | / | / | / | / | 4.0 | / |
| | 897.5 | QPSK | 10 | 1 | 24.68 | 25 | 1.076 | < 0.01 | 0.01 | 4.0 | / |
| | 910 | QPSK | 10 | 1 | / | / | / | / | / | 4.0 | / |
| Limb Bottom (0mm) | 885 | QPSK | 10 | 1 | / | / | / | / | / | 4.0 | / |
| | 897.5 | QPSK | 10 | 1 | 24.68 | 25 | 1.076 | 0.175 | 0.188 | 4.0 | / |
| | 910 | QPSK | 10 | 1 | / | / | / | / | / | 4.0 | / |

The data above was performed on 2026/04/20.

LTE FDD Band 20:

| EUT Position | Frequency (MHz) | Modulation Type | Bandwidth (MHz) | RB | Max. Meas. Power (dBm) | Max. Rated Power (dBm) | 10g SAR (W/Kg) | | | | |
|-------------------|-----------------|-----------------|-----------------|------|------------------------|------------------------|----------------|-------|------------|-------|------------|
| | | | | | | | Scaled Factor | Meas. | Scaled SAR | Limit | Plot |
| Head Left Cheek | 842 | QPSK | 20 | 1 | 23.88 | 24 | 1.028 | 0.155 | 0.159 | 2.0 | / |
| | 847 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| | 852 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| Head Left Tilt | 842 | QPSK | 20 | 1 | 23.88 | 24 | 1.028 | 0.077 | 0.079 | 2.0 | / |
| | 847 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| | 852 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| Head Right Cheek | 842 | QPSK | 20 | 1 | 23.88 | 24 | 1.028 | 0.18 | 0.185 | 2.0 | 25# |
| | 847 | QPSK | 20 | 1 | 22.16 | 22.5 | 1.081 | 0.137 | 0.148 | 2.0 | / |
| | 852 | QPSK | 20 | 1 | 21.92 | 22.5 | 1.143 | 0.134 | 0.153 | 2.0 | / |
| | 842 | QPSK | 20 | 50% | 23.58 | 24 | 1.102 | 0.152 | 0.168 | 2.0 | / |
| | 842 | QPSK | 20 | 100% | 23.29 | 24 | 1.178 | 0.149 | 0.176 | 2.0 | / |
| Head Right Tilt | 842 | QPSK | 20 | 1 | 23.88 | 24 | 1.028 | 0.096 | 0.099 | 2.0 | / |
| | 847 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| | 852 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| Body Front (5 mm) | 842 | QPSK | 20 | 1 | 23.88 | 24 | 1.028 | 0.318 | 0.327 | 2.0 | / |
| | 847 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| | 852 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| Body Back (5 mm) | 842 | QPSK | 20 | 1 | 23.88 | 24 | 1.028 | 0.686 | 0.705 | 2.0 | 26# |
| | 847 | QPSK | 20 | 1 | 22.16 | 22.5 | 1.081 | 0.625 | 0.676 | 2.0 | / |
| | 852 | QPSK | 20 | 1 | 21.92 | 22.5 | 1.143 | 0.609 | 0.696 | 2.0 | / |
| | 842 | QPSK | 20 | 50% | 23.58 | 24 | 1.102 | 0.636 | 0.701 | 2.0 | / |
| | 842 | QPSK | 20 | 100% | 23.29 | 24 | 1.178 | 0.591 | 0.696 | 2.0 | / |

The data 842MHz&847MHz above was performed on 2026/04/19.

The data 852MHz above was performed on 2026/04/20.

| EUT Position | Frequency (MHz) | Modulation Type | Bandwidth (MHz) | RB | Max. Meas. Power (dBm) | Max. Rated Power (dBm) | 10g SAR (W/Kg) | | | | |
|--------------------|-----------------|-----------------|-----------------|------|------------------------|------------------------|----------------|--------|------------|-------|------|
| | | | | | | | Scaled Factor | Meas. | Scaled SAR | Limit | Plot |
| Limb Front (0 mm) | 842 | QPSK | 20 | 1 | 23.88 | 24 | 1.028 | 0.563 | 0.579 | 4.0 | / |
| | 847 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| | 852 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| Limb Back (0 mm) | 842 | QPSK | 20 | 1 | 23.88 | 24 | 1.028 | 1.39 | 1.429 | 4.0 | 27# |
| | 847 | QPSK | 20 | 1 | 22.16 | 22.5 | 1.081 | 1.26 | 1.362 | 4.0 | / |
| | 852 | QPSK | 20 | 1 | 21.92 | 22.5 | 1.143 | 1.17 | 1.337 | 4.0 | / |
| | 842 | QPSK | 20 | 50% | 23.58 | 24 | 1.102 | 1.21 | 1.333 | 4.0 | / |
| | 842 | QPSK | 20 | 100% | 23.29 | 24 | 1.178 | 1.14 | 1.343 | 4.0 | / |
| Limb Left (0 mm) | 842 | QPSK | 20 | 1 | 23.88 | 24 | 1.028 | 0.637 | 0.655 | 4.0 | / |
| | 847 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| | 852 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| Limb Right (0 mm) | 842 | QPSK | 20 | 1 | 23.88 | 24 | 1.028 | 0.816 | 0.839 | 4.0 | / |
| | 847 | QPSK | 20 | 1 | 1 | / | / | / | / | 4.0 | / |
| | 852 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| Limb Top (0 mm) | 842 | QPSK | 20 | 1 | 23.88 | 24 | 1.028 | < 0.01 | 0.01 | 4.0 | / |
| | 847 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| | 852 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| Limb Bottom (0 mm) | 842 | QPSK | 20 | 1 | 23.88 | 24 | 1.028 | 0.349 | 0.359 | 4.0 | / |
| | 847 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| | 852 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |

The data 842MHz&847MHz above was performed on 2026/04/19.

The data 852MHz above was performed on 2026/04/20.

LTE FDD Band 28:

| EUT Position | Frequency (MHz) | Modulation Type | Bandwidth (MHz) | RB | Max. Meas. Power (dBm) | Max. Rated Power (dBm) | 10g SAR (W/Kg) | | | | |
|-------------------|-----------------|-----------------|-----------------|------|------------------------|------------------------|----------------|-------|------------|-------|------|
| | | | | | | | Scaled Factor | Meas. | Scaled SAR | Limit | Plot |
| Head Left Cheek | 713 | QPSK | 20 | 1 | 24.54 | 24.6 | 1.014 | 0.103 | 0.104 | 2.0 | 28# |
| | 728 | QPSK | 20 | 1 | 24.37 | 24.6 | 1.054 | 0.099 | 0.104 | 2.0 | / |
| | 738 | QPSK | 20 | 1 | 24.45 | 24.6 | 1.035 | 0.096 | 0.099 | 2.0 | / |
| | 713 | QPSK | 20 | 50% | 24.38 | 24.6 | 1.052 | 0.091 | 0.096 | 2.0 | / |
| | 713 | QPSK | 20 | 100% | 24.14 | 24.6 | 1.112 | 0.084 | 0.093 | 2.0 | / |
| Head Left Tilt | 713 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| | 728 | QPSK | 20 | 1 | 24.37 | 24.6 | 1.054 | 0.052 | 0.055 | 2.0 | / |
| | 738 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| Head Right Cheek | 713 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| | 728 | QPSK | 20 | 1 | 24.37 | 24.6 | 1.054 | 0.098 | 0.103 | 2.0 | / |
| | 738 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| Head Right Tilt | 713 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| | 728 | QPSK | 20 | 1 | 24.37 | 24.6 | 1.054 | 0.046 | 0.048 | 2.0 | / |
| | 738 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| Body Front (5 mm) | 713 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| | 728 | QPSK | 20 | 1 | 24.37 | 24.6 | 1.054 | 0.163 | 0.172 | 2.0 | / |
| | 738 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| Body Back (5 mm) | 713 | QPSK | 20 | 1 | 24.54 | 24.6 | 1.014 | 0.35 | 0.355 | 2.0 | 29# |
| | 728 | QPSK | 20 | 1 | 24.37 | 24.6 | 1.054 | 0.336 | 0.354 | 2.0 | / |
| | 738 | QPSK | 20 | 1 | 24.45 | 24.6 | 1.035 | 0.342 | 0.354 | 2.0 | / |
| | 713 | QPSK | 20 | 50% | 24.38 | 24.6 | 1.052 | 0.309 | 0.325 | 2.0 | / |
| | 713 | QPSK | 20 | 100% | 24.14 | 24.6 | 1.112 | 0.286 | 0.318 | 2.0 | / |

| EUT Position | Frequency (MHz) | Modulation Type | Bandwidth (MHz) | RB | Max. Meas. Power (dBm) | Max. Rated Power (dBm) | 10g SAR (W/Kg) | | | | |
|--------------------|-----------------|-----------------|-----------------|------|------------------------|------------------------|----------------|--------|------------|-------|------|
| | | | | | | | Scaled Factor | Meas. | Scaled SAR | Limit | Plot |
| Limb Front (0 mm) | 713 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| | 728 | QPSK | 20 | 1 | 24.37 | 24.6 | 1.054 | 0.492 | 0.519 | 4.0 | / |
| | 738 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| Limb Back (0 mm) | 713 | QPSK | 20 | 1 | 24.54 | 24.6 | 1.014 | 1.34 | 1.359 | 4.0 | 30# |
| | 728 | QPSK | 20 | 1 | 24.37 | 24.6 | 1.054 | 1.28 | 1.349 | 4.0 | / |
| | 738 | QPSK | 20 | 1 | 24.45 | 24.6 | 1.035 | 1.31 | 1.356 | 4.0 | / |
| | 713 | QPSK | 20 | 50% | 24.38 | 24.6 | 1.052 | 1.13 | 1.189 | 4.0 | |
| | 713 | QPSK | 20 | 100% | 24.14 | 24.6 | 1.112 | 0.985 | 1.095 | 4.0 | |
| Limb Left (0 mm) | 713 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| | 728 | QPSK | 20 | 1 | 24.37 | 24.6 | 1.054 | 0.787 | 0.829 | 4.0 | / |
| | 738 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| Limb Right (0 mm) | 713 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| | 728 | QPSK | 20 | 1 | 24.37 | 24.6 | 1.054 | 0.916 | 0.965 | 4.0 | / |
| | 738 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| Limb Top (0 mm) | 713 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| | 728 | QPSK | 20 | 1 | 24.37 | 24.6 | 1.054 | < 0.01 | 0.01 | 4.0 | / |
| | 738 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| Limb Bottom (0 mm) | 713 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| | 728 | QPSK | 20 | 1 | 24.37 | 24.6 | 1.054 | 0.321 | 0.338 | 4.0 | / |
| | 738 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |

LTE TDD Band 38:

| EUT Position | Frequency (MHz) | Modulation Type | Bandwidth (MHz) | RB | Max. Meas. Power (dBm) | Max. Rated Power (dBm) | 10g SAR (W/Kg) | | | | |
|-------------------|-----------------|-----------------|-----------------|------|------------------------|------------------------|----------------|-------|------------|-------|------|
| | | | | | | | Scaled Factor | Meas. | Scaled SAR | Limit | Plot |
| Head Left Cheek | 2580 | QPSK | 20 | 1 | 23.35 | 23.5 | 1.035 | 0.109 | 0.113 | 2.0 | 31# |
| | 2595 | QPSK | 20 | 1 | 23.24 | 23.5 | 1.062 | 0.102 | 0.108 | 2.0 | / |
| | 2610 | QPSK | 20 | 1 | 23.25 | 23.5 | 1.059 | 0.104 | 0.11 | 2.0 | / |
| | 2580 | QPSK | 20 | 50% | 23.02 | 23.5 | 1.117 | 0.093 | 0.104 | 2.0 | / |
| | 2580 | QPSK | 20 | 100% | 22.95 | 23.5 | 1.135 | 0.085 | 0.096 | 2.0 | / |
| Head Left Tilt | 2580 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| | 2595 | QPSK | 20 | 1 | 23.24 | 23.5 | 1.062 | 0.054 | 0.057 | 2.0 | / |
| | 2610 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| Head Right Cheek | 2580 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| | 2595 | QPSK | 20 | 1 | 23.24 | 23.5 | 1.062 | 0.031 | 0.033 | 2.0 | / |
| | 2610 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| Head Right Tilt | 2580 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| | 2595 | QPSK | 20 | 1 | 23.24 | 23.5 | 1.062 | 0.034 | 0.036 | 2.0 | / |
| | 2610 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| Body Front (5 mm) | 2580 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| | 2595 | QPSK | 20 | 1 | 23.24 | 23.5 | 1.062 | 0.257 | 0.273 | 2.0 | / |
| | 2610 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| Body Back (5 mm) | 2580 | QPSK | 20 | 1 | 23.35 | 23.5 | 1.035 | 0.535 | 0.554 | 2.0 | 32# |
| | 2595 | QPSK | 20 | 1 | 23.24 | 23.5 | 1.062 | 0.516 | 0.548 | 2.0 | / |
| | 2610 | QPSK | 20 | 1 | 23.25 | 23.5 | 1.059 | 0.522 | 0.553 | 2.0 | / |
| | 2580 | QPSK | 20 | 50% | 23.02 | 23.5 | 1.117 | 0.485 | 0.542 | 2.0 | / |
| | 2580 | QPSK | 20 | 100% | 22.95 | 23.5 | 1.135 | 0.437 | 0.496 | 2.0 | / |

| EUT Position | Frequency (MHz) | Modulation Type | Bandwidth (MHz) | RB | Max. Meas. Power (dBm) | Max. Rated Power (dBm) | 10g SAR (W/Kg) | | | | |
|--------------------|-----------------|-----------------|-----------------|------|------------------------|------------------------|----------------|--------|------------|-------|------|
| | | | | | | | Scaled Factor | Meas. | Scaled SAR | Limit | Plot |
| Limb Front (0 mm) | 2580 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| | 2595 | QPSK | 20 | 1 | 23.24 | 23.5 | 1.062 | 0.694 | 0.737 | 4.0 | / |
| | 2610 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| Limb Back (0 mm) | 2580 | QPSK | 20 | 1 | 23.35 | 23.5 | 1.035 | 1.41 | 1.459 | 4.0 | 33# |
| | 2595 | QPSK | 20 | 1 | 23.24 | 23.5 | 1.062 | 1.32 | 1.402 | 4.0 | / |
| | 2610 | QPSK | 20 | 1 | 23.25 | 23.5 | 1.059 | 1.37 | 1.451 | 4.0 | / |
| | 2580 | QPSK | 20 | 50% | 23.02 | 23.5 | 1.117 | 1.24 | 1.385 | 4.0 | / |
| | 2580 | QPSK | 20 | 100% | 22.95 | 23.5 | 1.135 | 1.08 | 1.226 | 4.0 | / |
| Limb Left (0 mm) | 2580 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| | 2595 | QPSK | 20 | 1 | 23.24 | 23.5 | 1.062 | 0.446 | 0.474 | 4.0 | / |
| | 2610 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| Limb Right (0 mm) | 2580 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| | 2595 | QPSK | 20 | 1 | 23.24 | 23.5 | 1.062 | < 0.01 | 0.01 | 4.0 | / |
| | 2610 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| Limb Top (0 mm) | 2580 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| | 2595 | QPSK | 20 | 1 | 23.24 | 23.5 | 1.062 | < 0.01 | 0.01 | 4.0 | / |
| | 2610 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| Limb Bottom (0 mm) | 2580 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| | 2595 | QPSK | 20 | 1 | 23.24 | 23.5 | 1.062 | 1.21 | 1.285 | 4.0 | / |
| | 2610 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |

LTE TDD Band 40:

| EUT Position | Frequency (MHz) | Modulation Type | Bandwidth (MHz) | RB | Max. Meas. Power (dBm) | Max. Rated Power (dBm) | 10g SAR (W/Kg) | | | | |
|-------------------|-----------------|-----------------|-----------------|------|------------------------|------------------------|----------------|-------|------------|-------|------|
| | | | | | | | Scaled Factor | Meas. | Scaled SAR | Limit | Plot |
| Head Left Cheek | 2310 | QPSK | 20 | 1 | 21.39 | 21.5 | 1.026 | 0.041 | 0.042 | 2.0 | / |
| | 2350 | QPSK | 20 | 1 | 21.25 | 21.5 | 1.059 | 0.039 | 0.041 | 2.0 | / |
| | 2390 | QPSK | 20 | 1 | 21.46 | 21.5 | 1.009 | 0.046 | 0.046 | 2.0 | 34# |
| | 2390 | QPSK | 20 | 50% | 21.39 | 21.5 | 1.026 | 0.034 | 0.035 | 2.0 | / |
| | 2390 | QPSK | 20 | 100% | 21.08 | 21.5 | 1.102 | 0.031 | 0.034 | 2.0 | / |
| Head Left Tilt | 2310 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| | 2350 | QPSK | 20 | 1 | 21.25 | 21.5 | 1.059 | 0.018 | 0.019 | 2.0 | / |
| | 2390 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| Head Right Cheek | 2310 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| | 2350 | QPSK | 20 | 1 | 21.25 | 21.5 | 1.059 | 0.029 | 0.031 | 2.0 | / |
| | 2390 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| Head Right Tilt | 2310 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| | 2350 | QPSK | 20 | 1 | 21.25 | 21.5 | 1.059 | 0.012 | 0.013 | 2.0 | / |
| | 2390 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| Body Front (5 mm) | 2310 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| | 2350 | QPSK | 20 | 1 | 21.25 | 21.5 | 1.059 | 0.132 | 0.14 | 2.0 | / |
| | 2390 | QPSK | 20 | 1 | / | / | / | / | / | 2.0 | / |
| Body Back (5 mm) | 2310 | QPSK | 20 | 1 | 21.39 | 21.5 | 1.026 | 0.334 | 0.343 | 2.0 | / |
| | 2350 | QPSK | 20 | 1 | 21.25 | 21.5 | 1.059 | 0.323 | 0.342 | 2.0 | / |
| | 2390 | QPSK | 20 | 1 | 21.46 | 21.5 | 1.009 | 0.343 | 0.346 | 2.0 | 35# |
| | 2390 | QPSK | 20 | 50% | 21.39 | 21.5 | 1.026 | 0.316 | 0.324 | 2.0 | / |
| | 2390 | QPSK | 20 | 100% | 21.08 | 21.5 | 1.102 | 0.284 | 0.313 | 2.0 | / |

| EUT Position | Frequency (MHz) | Modulation Type | Bandwidth (MHz) | RB | Max. Meas. Power (dBm) | Max. Rated Power (dBm) | 10g SAR (W/Kg) | | | | |
|--------------------|-----------------|-----------------|-----------------|------|------------------------|------------------------|----------------|--------|------------|-------|------|
| | | | | | | | Scaled Factor | Meas. | Scaled SAR | Limit | Plot |
| Limb Front (0 mm) | 2310 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| | 2350 | QPSK | 20 | 1 | 21.25 | 21.5 | 1.059 | 0.704 | 0.746 | 4.0 | / |
| | 2390 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| Limb Back (0 mm) | 2310 | QPSK | 20 | 1 | 21.39 | 21.5 | 1.026 | 1.24 | 1.272 | 4.0 | / |
| | 2350 | QPSK | 20 | 1 | 21.25 | 21.5 | 1.059 | 1.21 | 1.281 | 4.0 | / |
| | 2390 | QPSK | 20 | 1 | 21.46 | 21.5 | 1.009 | 1.29 | 1.302 | 4.0 | 36# |
| | 2390 | QPSK | 20 | 50% | 21.39 | 21.5 | 1.026 | 1.08 | 1.108 | 4.0 | / |
| | 2390 | QPSK | 20 | 100% | 21.08 | 21.5 | 1.102 | 0.973 | 1.072 | 4.0 | / |
| Limb Left (0 mm) | 2310 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| | 2350 | QPSK | 20 | 1 | 21.25 | 21.5 | 1.059 | 0.439 | 0.465 | 4.0 | / |
| | 2390 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| Limb Right (0 mm) | 2310 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| | 2350 | QPSK | 20 | 1 | 21.25 | 21.5 | 1.059 | < 0.01 | 0.01 | 4.0 | / |
| | 2390 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| Limb Top (0 mm) | 2310 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| | 2350 | QPSK | 20 | 1 | 21.25 | 21.5 | 1.059 | < 0.01 | 0.01 | 4.0 | / |
| | 2390 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| Limb Bottom (0 mm) | 2310 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |
| | 2350 | QPSK | 20 | 1 | 21.25 | 21.5 | 1.059 | 0.972 | 1.029 | 4.0 | / |
| | 2390 | QPSK | 20 | 1 | / | / | / | / | / | 4.0 | / |

Note:

1. When the 10-g SAR is $\leq 1.0\text{W/Kg}$ (Head and Body), testing for other channel is optional.
2. When the 10-g SAR is $\leq 2.0\text{W/Kg}$ (Limb), testing for other channel is optional.
3. The CMW500 Wideband Radio Communication tester is used for LTE output power measurements and SAR testing. Closed loop power control is used to keep the radio transmitters the max output power during the test.
4. All SAR datas are tested start with the **largest channel bandwidth** and measure SAR for QPSK with 1 RB allocation. According to the worst case, SAR datas for QPSK with 50% and 100% RB allocation are tested.

WLAN (2.4G)

| EUT Position | Frequency (MHz) | Test Mode | Max. Meas. Power (dBm) | Max. Rated Power (dBm) | 10g SAR (W/Kg) | | | | |
|--------------------|-----------------|------------|------------------------|------------------------|----------------|--------|------------|-------|------|
| | | | | | Scaled Factor | Meas. | Scaled SAR | Limit | Plot |
| Head Left Cheek | 2412 | 802.11 n20 | 15.79 | 16 | 1.05 | 0.65 | 0.683 | 2.0 | 37# |
| | 2442 | 802.11 n20 | 15.32 | 16 | 1.169 | 0.574 | 0.671 | 2.0 | / |
| | 2472 | 802.11 n20 | 15.74 | 16 | 1.062 | 0.636 | 0.675 | 2.0 | / |
| Head Left Tilt | 2412 | 802.11 n20 | 15.79 | 16 | 1.05 | 0.424 | 0.445 | 2.0 | / |
| | 2442 | 802.11 n20 | / | / | / | / | / | 2.0 | / |
| | 2472 | 802.11 n20 | / | / | / | / | / | 2.0 | / |
| Head Right Cheek | 2412 | 802.11 n20 | 15.79 | 16 | 1.05 | 0.296 | 0.311 | 2.0 | / |
| | 2442 | 802.11 n20 | / | / | / | / | / | 2.0 | / |
| | 2472 | 802.11 n20 | / | / | / | / | / | 2.0 | / |
| Head Right Tilt | 2412 | 802.11 n20 | 15.79 | 16 | 1.05 | 0.226 | 0.237 | 2.0 | / |
| | 2442 | 802.11 n20 | / | / | / | / | / | 2.0 | / |
| | 2472 | 802.11 n20 | / | / | / | / | / | 2.0 | / |
| Body Front (5 mm) | 2412 | 802.11 n20 | 15.79 | 16 | 1.05 | 0.214 | 0.225 | 2.0 | / |
| | 2442 | 802.11 n20 | / | / | / | / | / | 2.0 | / |
| | 2472 | 802.11 n20 | / | / | / | / | / | 2.0 | / |
| Body Back (5 mm) | 2412 | 802.11 n20 | 15.79 | 16 | 1.05 | 0.372 | 0.391 | 2.0 | 38# |
| | 2442 | 802.11 n20 | 15.32 | 16 | 1.169 | 0.319 | 0.373 | 2.0 | / |
| | 2472 | 802.11 n20 | 15.74 | 16 | 1.062 | 0.363 | 0.386 | 2.0 | / |
| Limb Front (0 mm) | 2412 | 802.11 n20 | 15.79 | 16 | 1.05 | 0.439 | 0.461 | 4.0 | / |
| | 2442 | 802.11 n20 | / | / | / | / | / | 4.0 | / |
| | 2472 | 802.11 n20 | / | / | / | / | / | 4.0 | / |
| Limb Back (0 mm) | 2412 | 802.11 n20 | 15.79 | 16 | 1.05 | 0.733 | 0.77 | 4.0 | 39# |
| | 2442 | 802.11 n20 | 15.32 | 16 | 1.169 | 0.652 | 0.762 | 4.0 | / |
| | 2472 | 802.11 n20 | 15.74 | 16 | 1.062 | 0.718 | 0.763 | 4.0 | / |
| Limb Left (0 mm) | 2412 | 802.11 n20 | 15.79 | 16 | 1.05 | < 0.01 | 0.01 | 4.0 | / |
| | 2442 | 802.11 n20 | / | / | / | / | / | 4.0 | / |
| | 2472 | 802.11 n20 | / | / | / | / | / | 4.0 | / |
| Limb Right (0 mm) | 2412 | 802.11 n20 | 15.79 | 16 | 1.05 | 0.382 | 0.401 | 4.0 | / |
| | 2442 | 802.11 n20 | / | / | / | / | / | 4.0 | / |
| | 2472 | 802.11 n20 | / | / | / | / | / | 4.0 | / |
| Limb Top (0 mm) | 2412 | 802.11 n20 | 15.79 | 16 | 1.05 | 0.357 | 0.375 | 4.0 | / |
| | 2442 | 802.11 n20 | / | / | / | / | / | 4.0 | / |
| | 2472 | 802.11 n20 | / | / | / | / | / | 4.0 | / |
| Limb Bottom (0 mm) | 2412 | 802.11 n20 | 15.79 | 16 | 1.05 | < 0.01 | 0.01 | 4.0 | / |
| | 2442 | 802.11 n20 | / | / | / | / | / | 4.0 | / |
| | 2472 | 802.11 n20 | / | / | / | / | / | 4.0 | / |

Note:

1. When the 10-g SAR is $\leq 1.0\text{W/Kg}$ (Head and Body), testing for other channel is optional.
2. When the 10-g SAR is $\leq 2.0\text{W/Kg}$ (Limb), testing for other channel is optional.
3. Since 802.11n20 mode is the largest power mode of 802.11b/g/n-HT20, 802.11n20 mode is selected to test.

WLAN (5.2G)

| EUT Position | Frequency (MHz) | Test Mode | Max. Meas. Power (dBm) | Max. Rated Power (dBm) | 10g SAR (W/Kg) | | | | |
|--------------------|-----------------|------------|------------------------|------------------------|----------------|--------|------------|-------|------|
| | | | | | Scaled Factor | Meas. | Scaled SAR | Limit | Plot |
| Head Left Cheek | 5190 | 802.11ac40 | / | / | / | / | / | 2.0 | / |
| | 5230 | 802.11ac40 | 13.49 | 13.6 | 1.026 | 0.295 | 0.303 | 2.0 | / |
| Head Left Tilt | 5190 | 802.11ac40 | 13.11 | 13.5 | 1.094 | 0.342 | 0.374 | 2.0 | / |
| | 5230 | 802.11ac40 | 13.49 | 13.6 | 1.026 | 0.398 | 0.408 | 2.0 | 40# |
| Head Right Cheek | 5190 | 802.11ac40 | / | / | / | / | / | 2.0 | / |
| | 5230 | 802.11ac40 | 13.49 | 13.6 | 1.026 | 0.228 | 0.234 | 2.0 | / |
| Head Right Tilt | 5190 | 802.11ac40 | / | / | / | / | / | 2.0 | / |
| | 5230 | 802.11ac40 | 13.49 | 13.6 | 1.026 | 0.249 | 0.255 | 2.0 | / |
| Body Front (5 mm) | 5190 | 802.11ac40 | / | / | / | / | / | 2.0 | / |
| | 5230 | 802.11ac40 | 13.49 | 13.6 | 1.026 | 0.219 | 0.225 | 2.0 | / |
| Body Back (5 mm) | 5190 | 802.11ac40 | 13.11 | 13.5 | 1.094 | 0.571 | 0.625 | 2.0 | / |
| | 5230 | 802.11ac40 | 13.49 | 13.6 | 1.026 | 0.615 | 0.631 | 2.0 | 41# |
| Limb Front (0 mm) | 5190 | 802.11ac40 | / | / | / | / | / | 4.0 | / |
| | 5230 | 802.11ac40 | 13.49 | 13.6 | 1.026 | 0.305 | 0.313 | 4.0 | / |
| Limb Back (0 mm) | 5190 | 802.11ac40 | 13.11 | 13.5 | 1.094 | 0.614 | 0.672 | 4.0 | / |
| | 5230 | 802.11ac40 | 13.49 | 13.6 | 1.026 | 0.67 | 0.687 | 4.0 | 42# |
| Limb Left (0 mm) | 5190 | 802.11ac40 | / | / | / | / | / | 4.0 | / |
| | 5230 | 802.11ac40 | 13.49 | 13.6 | 1.026 | < 0.01 | 0.01 | 4.0 | / |
| Limb Right (0 mm) | 5190 | 802.11ac40 | / | / | / | / | / | 4.0 | / |
| | 5230 | 802.11ac40 | 13.49 | 13.6 | 1.026 | 0.336 | 0.345 | 4.0 | / |
| Limb Top (0 mm) | 5190 | 802.11ac40 | / | / | / | / | / | 4.0 | / |
| | 5230 | 802.11ac40 | 13.49 | 13.6 | 1.026 | 0.328 | 0.337 | 4.0 | / |
| Limb Bottom (0 mm) | 5190 | 802.11ac40 | / | / | / | / | / | 4.0 | / |
| | 5230 | 802.11ac40 | 13.49 | 13.6 | 1.026 | < 0.01 | 0.01 | 4.0 | / |

Note:

1. When the 10-g SAR is $\leq 1.0\text{W/Kg}$ (Head and Body), testing for other channel is optional.
2. When the 10-g SAR is $\leq 2.0\text{W/Kg}$ (Limb), testing for other channel is optional.
3. Since 802.11ac40 mode is the largest power mode of 802.11a/ac/ac40, 802.11ac40 mode is selected to test.

WLAN (5.3G)

| EUT Position | Frequency (MHz) | Test Mode | Max. Meas. Power (dBm) | Max. Rated Power (dBm) | 10g SAR (W/Kg) | | | | |
|--------------------|-----------------|-----------|------------------------|------------------------|----------------|--------|------------|-------|------|
| | | | | | Scaled Factor | Meas. | Scaled SAR | Limit | Plot |
| Head Left Cheek | 5260 | 802.11a | / | / | / | / | / | 2.0 | / |
| | 5280 | 802.11a | / | / | / | / | / | 2.0 | / |
| | 5320 | 802.11a | 15.01 | 15.1 | 1.021 | 0.329 | 0.336 | 2.0 | / |
| Head Left Tilt | 5260 | 802.11a | 14.32 | 15.1 | 1.197 | 0.317 | 0.379 | 2.0 | / |
| | 5280 | 802.11a | 14.75 | 15.1 | 1.084 | 0.354 | 0.384 | 2.0 | / |
| | 5320 | 802.11a | 15.01 | 15.1 | 1.021 | 0.383 | 0.391 | 2.0 | 43# |
| Head Right Cheek | 5260 | 802.11a | / | / | / | / | / | 2.0 | / |
| | 5280 | 802.11a | / | / | / | / | / | 2.0 | / |
| | 5320 | 802.11a | 15.01 | 15.1 | 1.021 | 0.218 | 0.223 | 2.0 | / |
| Head Right Tilt | 5260 | 802.11a | / | / | / | / | / | 2.0 | / |
| | 5280 | 802.11a | / | / | / | / | / | 2.0 | / |
| | 5320 | 802.11a | 15.01 | 15.1 | 1.021 | 0.206 | 0.21 | 2.0 | / |
| Body Front (5 mm) | 5260 | 802.11a | / | / | / | / | / | 2.0 | / |
| | 5280 | 802.11a | / | / | / | / | / | 2.0 | / |
| | 5320 | 802.11a | 15.01 | 15.1 | 1.021 | 0.352 | 0.359 | 2.0 | / |
| Body Back (5 mm) | 5260 | 802.11a | 14.32 | 15.1 | 1.197 | 0.396 | 0.474 | 2.0 | / |
| | 5280 | 802.11a | 14.75 | 15.1 | 1.084 | 0.439 | 0.476 | 2.0 | / |
| | 5320 | 802.11a | 15.01 | 15.1 | 1.021 | 0.473 | 0.483 | 2.0 | 44# |
| Limb Front (0 mm) | 5260 | 802.11a | / | / | / | / | / | 4.0 | / |
| | 5280 | 802.11a | / | / | / | / | / | 4.0 | / |
| | 5320 | 802.11a | 15.01 | 15.1 | 1.021 | 0.443 | 0.452 | 4.0 | / |
| Limb Back (0 mm) | 5260 | 802.11a | 14.32 | 15.1 | 1.197 | 0.517 | 0.619 | 4.0 | / |
| | 5280 | 802.11a | 14.75 | 15.1 | 1.084 | 0.584 | 0.633 | 4.0 | / |
| | 5320 | 802.11a | 15.01 | 15.1 | 1.021 | 0.628 | 0.641 | 4.0 | 45# |
| Limb Left (0 mm) | 5260 | 802.11a | / | / | / | / | / | 4.0 | / |
| | 5280 | 802.11a | / | / | / | / | / | 4.0 | / |
| | 5320 | 802.11a | 15.01 | 15.1 | 1.021 | < 0.01 | 0.01 | 4.0 | / |
| Limb Right (0 mm) | 5260 | 802.11a | / | / | / | / | / | 4.0 | / |
| | 5280 | 802.11a | / | / | / | / | / | 4.0 | / |
| | 5320 | 802.11a | 15.01 | 15.1 | 1.021 | 0.386 | 0.394 | 4.0 | / |
| Limb Top (0 mm) | 5260 | 802.11a | / | / | / | / | / | 4.0 | / |
| | 5280 | 802.11a | / | / | / | / | / | 4.0 | / |
| | 5320 | 802.11a | 15.01 | 15.1 | 1.021 | 0.291 | 0.297 | 4.0 | / |
| Limb Bottom (0 mm) | 5260 | 802.11a | / | / | / | / | / | 4.0 | / |
| | 5280 | 802.11a | / | / | / | / | / | 4.0 | / |
| | 5320 | 802.11a | 15.01 | 15.1 | 1.021 | < 0.01 | 0.01 | 4.0 | / |

Note:

1. When the 10-g SAR is $\leq 1.0\text{W/Kg}$ (Head and Body), testing for other channel is optional.
2. When the 10-g SAR is $\leq 2.0\text{W/Kg}$ (Limb), testing for other channel is optional.
3. Since 802.11a mode is the largest power mode of 802.11a/ac/ac40, 802.11a mode is selected to test.

WLAN (5.6G)

| EUT Position | Frequency (MHz) | Test Mode | Max. Meas. Power (dBm) | Max. Rated Power (dBm) | 10g SAR (W/Kg) | | | | |
|--------------------|-----------------|-----------|------------------------|------------------------|----------------|--------|------------|-------|------|
| | | | | | Scaled Factor | Meas. | Scaled SAR | Limit | Plot |
| Head Left Cheek | 5500 | 802.11a | 14.18 | 14.3 | 1.028 | 0.226 | 0.232 | 2.0 | / |
| | 5580 | 802.11a | / | / | / | / | / | 2.0 | / |
| | 5700 | 802.11a | / | / | / | / | / | 2.0 | / |
| Head Left Tilt | 5500 | 802.11a | 14.18 | 14.3 | 1.028 | 0.253 | 0.26 | 2.0 | 46# |
| | 5580 | 802.11a | 12.55 | 12.7 | 1.035 | 0.214 | 0.221 | 2.0 | / |
| | 5700 | 802.11a | 9.08 | 9.2 | 1.028 | 0.179 | 0.184 | 2.0 | / |
| Head Right Cheek | 5500 | 802.11a | 14.18 | 14.3 | 1.028 | 0.163 | 0.168 | 2.0 | / |
| | 5580 | 802.11a | / | / | / | / | / | 2.0 | / |
| | 5700 | 802.11a | / | / | / | / | / | 2.0 | / |
| Head Right Tilt | 5500 | 802.11a | 14.18 | 14.3 | 1.028 | 0.171 | 0.176 | 2.0 | / |
| | 5580 | 802.11a | / | / | / | / | / | 2.0 | / |
| | 5700 | 802.11a | / | / | / | / | / | 2.0 | / |
| Body Front (5 mm) | 5500 | 802.11a | 14.18 | 14.3 | 1.028 | 0.184 | 0.189 | 2.0 | / |
| | 5580 | 802.11a | / | / | / | / | / | 2.0 | / |
| | 5700 | 802.11a | / | / | / | / | / | 2.0 | / |
| Body Back (5 mm) | 5500 | 802.11a | 14.18 | 14.3 | 1.028 | 0.332 | 0.341 | 2.0 | 47# |
| | 5580 | 802.11a | 12.55 | 12.7 | 1.035 | 0.285 | 0.295 | 2.0 | / |
| | 5700 | 802.11a | 9.08 | 9.2 | 1.028 | 0.242 | 0.249 | 2.0 | / |
| Limb Front (0 mm) | 5500 | 802.11a | 14.18 | 14.3 | 1.028 | 0.346 | 0.356 | 4.0 | / |
| | 5580 | 802.11a | / | / | / | / | / | 4.0 | / |
| | 5700 | 802.11a | / | / | / | / | / | 4.0 | / |
| Limb Back (0 mm) | 5500 | 802.11a | 14.18 | 14.3 | 1.028 | 0.71 | 0.73 | 4.0 | 48# |
| | 5580 | 802.11a | 12.55 | 12.7 | 1.035 | 0.662 | 0.685 | 4.0 | / |
| | 5700 | 802.11a | 9.08 | 9.2 | 1.028 | 0.634 | 0.652 | 4.0 | / |
| Limb Left (0 mm) | 5500 | 802.11a | 14.18 | 14.3 | 1.028 | < 0.01 | 0.01 | 4.0 | / |
| | 5580 | 802.11a | / | / | / | / | / | 4.0 | / |
| | 5700 | 802.11a | / | / | / | / | / | 4.0 | / |
| Limb Right (0 mm) | 5500 | 802.11a | 14.18 | 14.3 | 1.028 | 0.428 | 0.44 | 4.0 | / |
| | 5580 | 802.11a | / | / | / | / | / | 4.0 | / |
| | 5700 | 802.11a | / | / | / | / | / | 4.0 | / |
| Limb Top (0 mm) | 5500 | 802.11a | 14.18 | 14.3 | 1.028 | 0.399 | 0.41 | 4.0 | / |
| | 5580 | 802.11a | / | / | / | / | / | 4.0 | / |
| | 5700 | 802.11a | / | / | / | / | / | 4.0 | / |
| Limb Bottom (0 mm) | 5500 | 802.11a | 14.18 | 14.3 | 1.028 | < 0.01 | 0.01 | 4.0 | / |
| | 5580 | 802.11a | / | / | / | / | / | 4.0 | / |
| | 5700 | 802.11a | / | / | / | / | / | 4.0 | / |

Note:

1. When the 10-g SAR is $\leq 1.0\text{W/Kg}$ (Head and Body), testing for other channel is optional.
2. When the 10-g SAR is $\leq 2.0\text{W/Kg}$ (Limb), testing for other channel is optional.
3. Since 802.11a mode is the largest power mode of 802.11a/ac/ac40, 802.11a mode is selected to test.

WLAN (5.8G)

| EUT Position | Frequency (MHz) | Test Mode | Max. Meas. Power (dBm) | Max. Rated Power (dBm) | 10g SAR (W/Kg) | | | | |
|--------------------|-----------------|------------|------------------------|------------------------|----------------|--------|------------|-------|------|
| | | | | | Scaled Factor | Meas. | Scaled SAR | Limit | Plot |
| Head Left Cheek | 5745 | 802.11ac20 | 11.75 | 11.9 | 1.035 | 0.202 | 0.209 | 2.0 | 49# |
| | 5785 | 802.11ac20 | 10.55 | 10.7 | 1.035 | 0.181 | 0.187 | 2.0 | / |
| | 5825 | 802.11ac20 | 9.45 | 9.5 | 1.012 | 0.159 | 0.161 | 2.0 | / |
| Head Left Tilt | 5745 | 802.11ac20 | 11.75 | 11.9 | 1.035 | 0.176 | 0.182 | 2.0 | / |
| | 5785 | 802.11ac20 | / | / | / | / | / | 2.0 | / |
| | 5825 | 802.11ac20 | / | / | / | / | / | 2.0 | / |
| Head Right Cheek | 5745 | 802.11ac20 | 11.75 | 11.9 | 1.035 | 0.163 | 0.169 | 2.0 | / |
| | 5785 | 802.11ac20 | / | / | / | / | / | 2.0 | / |
| | 5825 | 802.11ac20 | / | / | / | / | / | 2.0 | / |
| Head Right Tilt | 5745 | 802.11ac20 | 11.75 | 11.9 | 1.035 | 0.152 | 0.157 | 2.0 | / |
| | 5785 | 802.11ac20 | / | / | / | / | / | 2.0 | / |
| | 5825 | 802.11ac20 | / | / | / | / | / | 2.0 | / |
| Body Front (5 mm) | 5745 | 802.11ac20 | 11.75 | 11.9 | 1.035 | 0.196 | 0.203 | 2.0 | / |
| | 5785 | 802.11ac20 | / | / | / | / | / | 2.0 | / |
| | 5825 | 802.11ac20 | / | / | / | / | / | 2.0 | / |
| Body Back (5 mm) | 5745 | 802.11ac20 | 11.75 | 11.9 | 1.035 | 0.352 | 0.364 | 2.0 | 50# |
| | 5785 | 802.11ac20 | 10.55 | 10.7 | 1.035 | 0.316 | 0.327 | 2.0 | / |
| | 5825 | 802.11ac20 | 9.45 | 9.5 | 1.012 | 0.284 | 0.287 | 2.0 | / |
| Limb Front (0 mm) | 5745 | 802.11ac20 | 11.75 | 11.9 | 1.035 | 0.335 | 0.347 | 4.0 | / |
| | 5785 | 802.11ac20 | / | / | / | / | / | 4.0 | / |
| | 5825 | 802.11ac20 | / | / | / | / | / | 4.0 | / |
| Limb Back (0 mm) | 5745 | 802.11ac20 | 11.75 | 11.9 | 1.035 | 0.64 | 0.662 | 4.0 | 51# |
| | 5785 | 802.11ac20 | 10.55 | 10.7 | 1.035 | 0.606 | 0.627 | 4.0 | / |
| | 5825 | 802.11ac20 | 9.45 | 9.5 | 1.012 | 0.535 | 0.541 | 4.0 | / |
| Limb Left (0 mm) | 5745 | 802.11ac20 | 11.75 | 11.9 | 1.035 | < 0.01 | 0.01 | 4.0 | / |
| | 5785 | 802.11ac20 | / | / | / | / | / | 4.0 | / |
| | 5825 | 802.11ac20 | / | / | / | / | / | 4.0 | / |
| Limb Right (0 mm) | 5745 | 802.11ac20 | 11.75 | 11.9 | 1.035 | 0.297 | 0.307 | 4.0 | / |
| | 5785 | 802.11ac20 | / | / | / | / | / | 4.0 | / |
| | 5825 | 802.11ac20 | / | / | / | / | / | 4.0 | / |
| Limb Top (0 mm) | 5745 | 802.11ac20 | 11.75 | 11.9 | 1.035 | 0.312 | 0.323 | 4.0 | / |
| | 5785 | 802.11ac20 | / | / | / | / | / | 4.0 | / |
| | 5825 | 802.11ac20 | / | / | / | / | / | 4.0 | / |
| Limb Bottom (0 mm) | 5745 | 802.11ac20 | 11.75 | 11.9 | 1.035 | < 0.01 | 0.01 | 4.0 | / |
| | 5785 | 802.11ac20 | / | / | / | / | / | 4.0 | / |
| | 5825 | 802.11ac20 | / | / | / | / | / | 4.0 | / |

Note:

1. When the 10-g SAR is $\leq 1.0\text{W/Kg}$ (Head and Body), testing for other channel is optional.
2. When the 10-g SAR is $\leq 2.0\text{W/Kg}$ (Limb), testing for other channel is optional.
3. Since 802.11ac20 mode is the largest power mode of 802.11a/ac/ac40, 802.11ac20 mode is selected to test.

SAR SIMULTANEOUS TRANSMISSION DESCRIPTION

Simultaneous Transmission:

| Description of Simultaneous Transmit Capabilities | |
|---|---------------|
| Transmitter Combination | Simultaneous? |
| WWAN(GSM/WCDMA/LTE) + Bluetooth + NFC | √ |
| WWAN(GSM/WCDMA/LTE) + WLAN 2.4G + NFC | √ |
| WWAN(GSM/WCDMA/LTE) + WLAN 5G + NFC | √ |
| WLAN 2.4G&5G + Bluetooth | × |

Simultaneous Transmission evaluation:

| Test Position | Simultaneous Transmitting | P _{avg} (dBm) | Antenna gain(dBi) | Max Power (mW) | Main Ant SAR(w/kg) | Distance (mm) | P _{th,m} (mW) | P _{available} (mW) | Exclusion |
|---------------|---------------------------|---------------------------|----------------------|----------------------|-----------------------|------------------|---------------------------|--------------------------------|-----------|
| Head&Body | Bluetooth + Main | 2.0 | 0.9 | 1.95 | 1.233 | 0 | 20 | 7.67 | Yes |
| Head&Body | WLAN 2.4G + Main | 15.9 | 0.9 | 47.86 | 1.233 | 0 | 20 | 7.67 | No |
| Head&Body | WLAN 5.2G + Main | 10.9 | -2.7 | 12.3 | 1.233 | 0 | 20 | 7.67 | No |
| Head&Body | WLAN 5.3G + Main | 13.6 | -1.5 | 22.91 | 1.233 | 0 | 20 | 7.67 | No |
| Head&Body | WLAN 5.6G + Main | 14.6 | 0.3 | 30.9 | 1.233 | 0 | 20 | 7.67 | No |
| Head&Body | WLAN 5.8G + Main | 12.4 | 0.6 | 19.95 | 1.233 | 0 | 20 | 7.67 | No |
| Limb | Bluetooth + Main | 2.0 | 0.9 | 1.95 | 3.2 | 0 | 40 | 8 | Yes |
| Limb | WLAN 2.4G + Main | 15.9 | 0.9 | 47.86 | 3.2 | 0 | 40 | 8 | No |
| Limb | WLAN 5.2G + Main | 10.9 | -2.7 | 12.3 | 3.2 | 0 | 40 | 8 | No |
| Limb | WLAN 5.3G + Main | 13.6 | -1.5 | 22.91 | 3.2 | 0 | 40 | 8 | No |
| Limb | WLAN 5.6G + Main | 14.6 | 0.3 | 30.9 | 3.2 | 0 | 40 | 8 | No |
| Limb | WLAN 5.8G + Main | 12.4 | 0.6 | 19.95 | 3.2 | 0 | 40 | 8 | No |

Simultaneous Transmission evaluation Detail:

| Mode (SAR1+SAR2) | Position | Reported SAR(W/kg) | | ΣSAR < 2.0W/kg |
|---------------------------------|----------|--------------------|-------|----------------|
| | | SAR1 | SAR2 | |
| WWAN(GSM/WCDMA/LTE) + WLAN 2.4G | Head | 0.303 | 0.683 | 0.986 |
| WWAN(GSM/WCDMA/LTE) + WLAN 2.4G | Body | 1.233 | 0.391 | 1.624 |
| WWAN(GSM/WCDMA/LTE) + WLAN 5G | Head | 0.303 | 0.408 | 0.711 |
| WWAN(GSM/WCDMA/LTE) + WLAN 5G | Body | 1.233 | 0.631 | 1.864 |

| Mode (SAR1+SAR2) | Position | Reported SAR(W/kg) | | Σ SAR < 4.0W/kg |
|---------------------------------|----------|--------------------|-------|------------------------|
| | | SAR1 | SAR2 | |
| WWAN(GSM/WCDMA/LTE) + WLAN 2.4G | Limb | 3.2 | 0.770 | 3.970 |
| WWAN(GSM/WCDMA/LTE) + WLAN 5G | Limb | 3.2 | 0.730 | 3.930 |

Note:

1. Wi-Fi 2.4GHz/5GHz and Bluetooth share the same antenna and cannot transmit simultaneously.
2. GSM/WCDMA/LTE share the same antenna and cannot transmit simultaneously.
3. According to EN 62209-2 Annex K, the threshold power level available to the secondary transmitter ($P_{\text{available}}$) is to calculate it from the measured peak spatial-average SAR of the primary transmitter (SAR_1) according to the equation: $P_{\text{available}} = P_{\text{th,m}} \times (SAR_{\text{lim}} - SAR_1) / SAR_{\text{lim}}$. If the output power of the secondary transmitter is less than $P_{\text{available}}$, SAR measurement for the secondary transmitter is not necessary.
The **Test exclusion Threshold** $P_{\text{th,m}}$ is calculated follow the EN 62479 Annex B
4. The NFC is Low-Power tech, the output power is much lower than WWAN(GSM/WCDMA/LTE) or Wi-Fi/BT.

SAR Plots (Summary of the Highest SAR Values)

Test Plot 1#: GSM 900 Mid

DUT: Smart Phone; Type: KINGKONG ES 5; Serial: 3I2K-1

Communication System: UID 0, Generic GPRS-2 slots (0); Frequency: 902 MHz; Duty Cycle: 1:4

Medium parameters used: $f = 902$ MHz; $\sigma = 0.971$ S/m; $\epsilon_r = 41.253$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(9, 9, 9) @ 902 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Head Right Cheek/GSM 900 Mid/Area Scan (8x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.228 W/kg

Head Right Cheek/GSM 900 Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.825 V/m; Power Drift = 0.06 dB

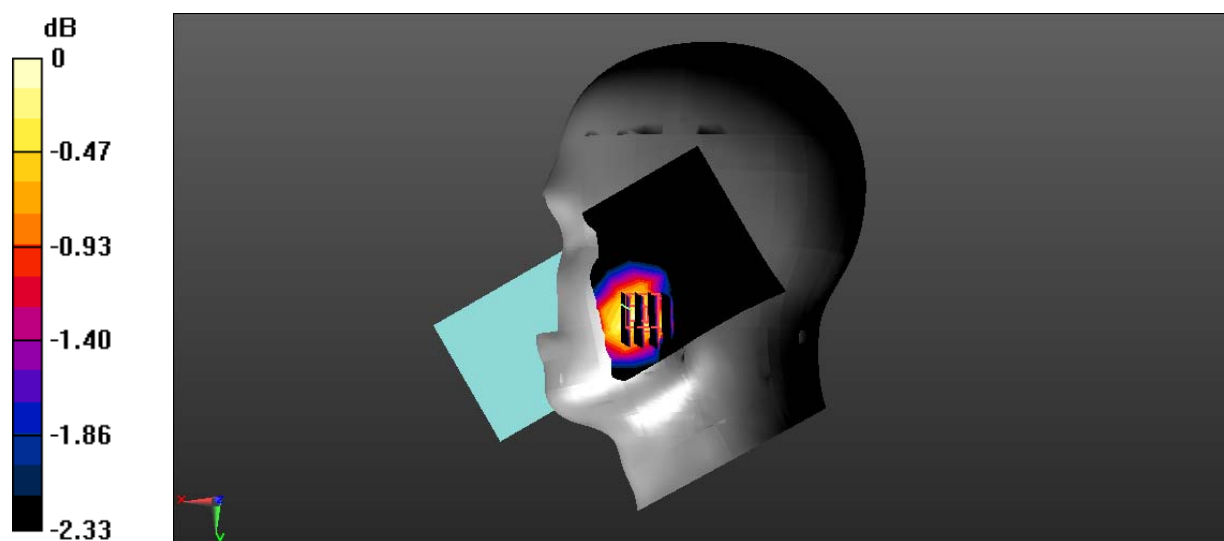
Peak SAR (extrapolated) = 0.265 W/kg

SAR(1 g) = 0.213 W/kg; SAR(10 g) = 0.169 W/kg

Smallest distance from peaks to all points 3 dB below = 33.1 mm

Ratio of SAR at M2 to SAR at M1 = 80.5%

Maximum value of SAR (measured) = 0.229 W/kg



0 dB = 0.229 W/kg = -6.40 dBW/kg

Test Plot 2#: GSM 900 Mid**DUT: Smart Phone; Type: KINGKONG ES 5; Serial: 3I2K-1**

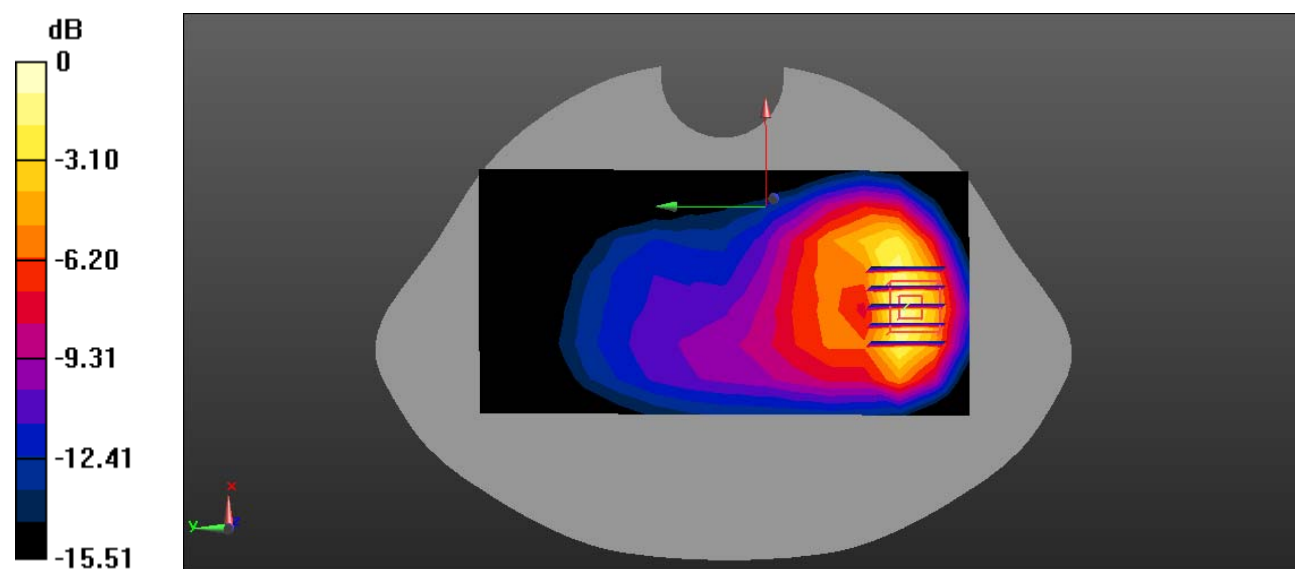
Communication System: UID 0, Generic GPRS-2 slots (0); Frequency: 902 MHz; Duty Cycle: 1:4

Medium parameters used: $f = 902 \text{ MHz}$; $\sigma = 0.971 \text{ S/m}$; $\epsilon_r = 41.253$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(9, 9, 9) @ 902 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Body Back/GSM 900 Mid/Area Scan (8x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 1.74 W/kg **Body Back/GSM 900 Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 15.39 V/m ; Power Drift = -0.17 dB Peak SAR (extrapolated) = 3.08 W/kg **SAR(1 g) = 1.5 W/kg ; SAR(10 g) = 0.761 W/kg** Smallest distance from peaks to all points 3 dB below = 9.4 mm Ratio of SAR at M2 to SAR at M1 = 50.6% Maximum value of SAR (measured) = 1.92 W/kg  $0 \text{ dB} = 1.92 \text{ W/kg} = 2.83 \text{ dBW/kg}$

Test Plot 3#: GSM 900 Mid**DUT: Smart Phone; Type: KINGKONG ES 5; Serial: 3I2K-1**

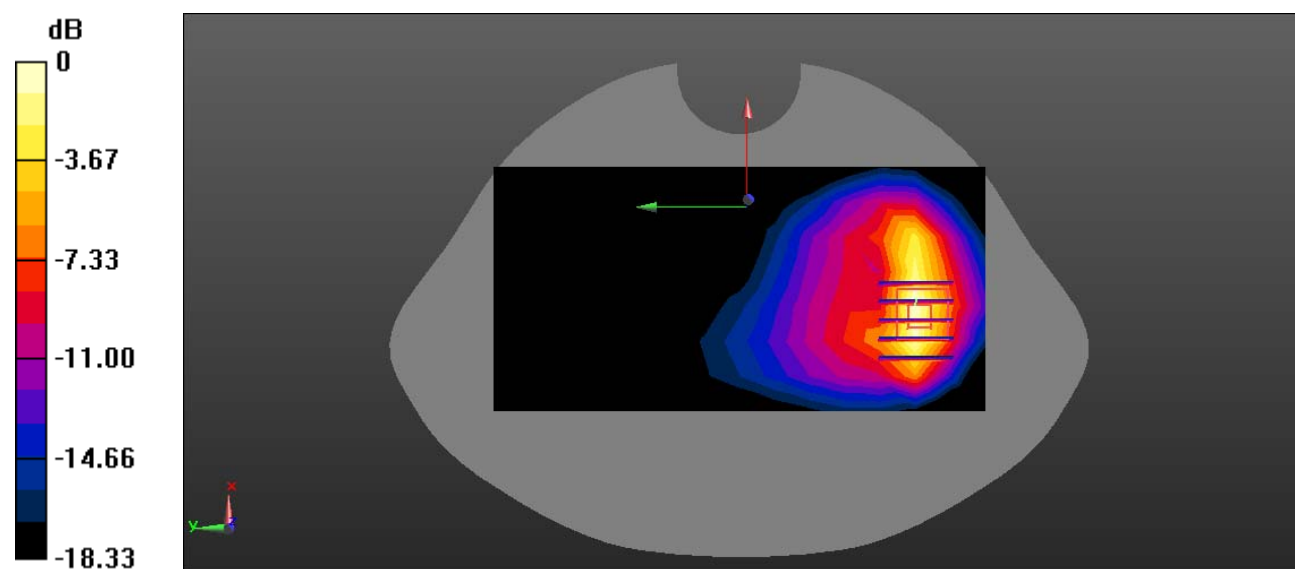
Communication System: UID 0, Generic GPRS-2 slots (0); Frequency: 902 MHz; Duty Cycle: 1:4

Medium parameters used: $f = 902 \text{ MHz}$; $\sigma = 0.971 \text{ S/m}$; $\epsilon_r = 41.253$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(9, 9, 9) @ 902 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Limb Back/GSM 900 Mid/Area Scan (8x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 2.38 W/kg **Limb Back/GSM 900 Mid/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 7.072 V/m ; Power Drift = 0.11 dB Peak SAR (extrapolated) = 4.61 W/kg **SAR(1 g) = 1.69 W/kg ; SAR(10 g) = 0.863 W/kg** Smallest distance from peaks to all points 3 dB below = 8.6 mm Ratio of SAR at M2 to SAR at M1 = 39.9% Maximum value of SAR (measured) = 2.38 W/kg  $0 \text{ dB} = 2.38 \text{ W/kg} = 3.77 \text{ dBW/kg}$

Test Plot 4#: DCS 1800 Low**DUT: Smart Phone; Type: KINGKONG ES 5; Serial: 3I2K-1**

Communication System: UID 0, Generic GPRS-3 slots (0); Frequency: 1710.4 MHz; Duty Cycle: 1:2.66

Medium parameters used: $f = 1710.4$ MHz; $\sigma = 1.323$ S/m; $\epsilon_r = 39.403$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(7.89, 7.89, 7.89) @ 1710.4 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Head Right Cheek/DCS 1800 Low/Area Scan (8x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.124 W/kg

Head Right Cheek/DCS 1800 Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.239 V/m; Power Drift = -0.04 dB

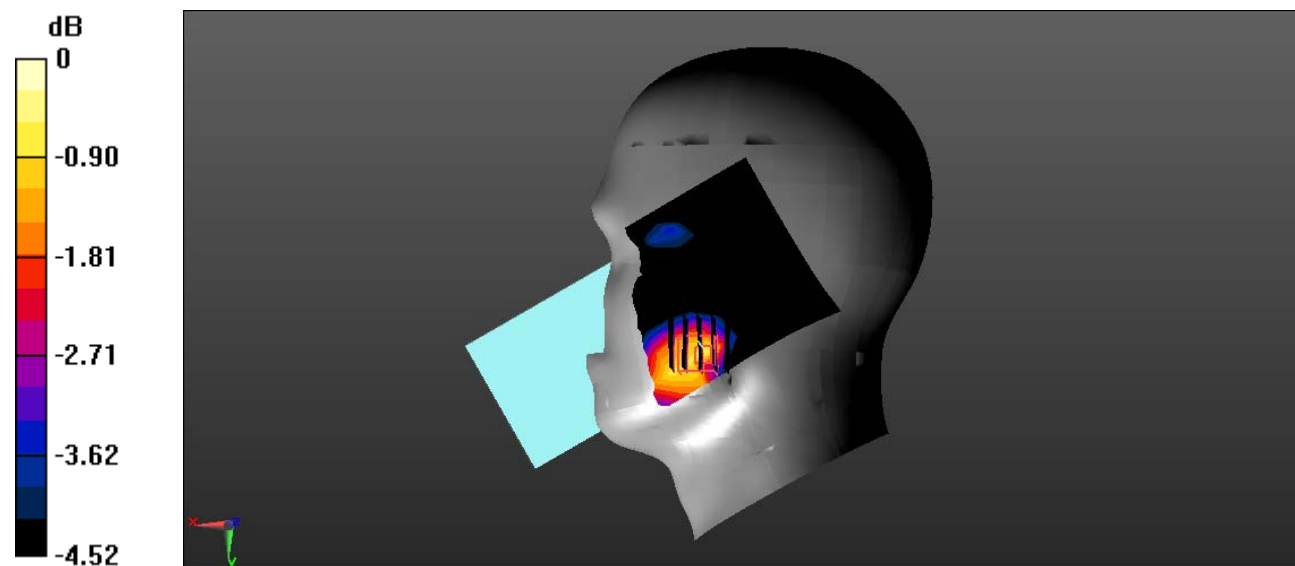
Peak SAR (extrapolated) = 0.167 W/kg

SAR(1 g) = 0.125 W/kg; SAR(10 g) = 0.087 W/kg

Smallest distance from peaks to all points 3 dB below = 15.4 mm

Ratio of SAR at M2 to SAR at M1 = 70.3%

Maximum value of SAR (measured) = 0.144 W/kg



0 dB = 0.144 W/kg = -8.42 dBW/kg

Test Plot 5#: DCS 1800 Low**DUT: Smart Phone; Type: KINGKONG ES 5; Serial: 3I2K-1**

Communication System: UID 0, Generic GPRS-3 slots (0); Frequency: 1710.4 MHz; Duty Cycle: 1:2.66

Medium parameters used: $f = 1710.4$ MHz; $\sigma = 1.323$ S/m; $\epsilon_r = 39.403$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(7.89, 7.89, 7.89) @ 1710.4 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Body Back/DCS 1800 Low/Area Scan (8x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.48 W/kg

Body Back/DCS 1800 Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.401 V/m; Power Drift = -0.06 dB

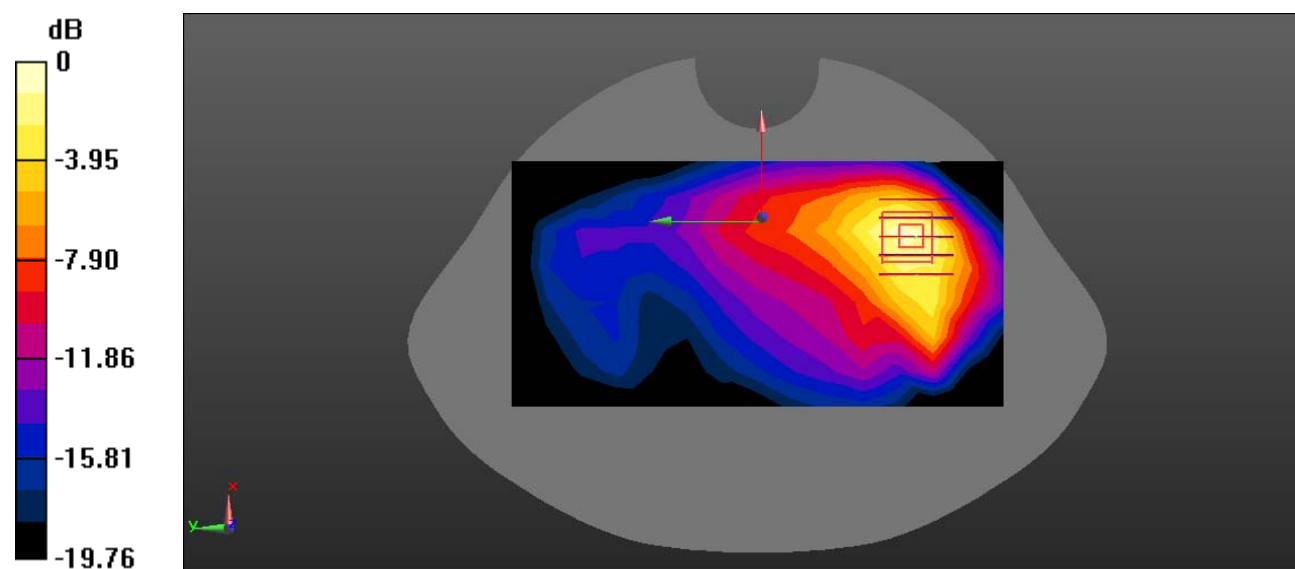
Peak SAR (extrapolated) = 2.57 W/kg

SAR(1 g) = 1.3 W/kg; SAR(10 g) = 0.696 W/kg

Smallest distance from peaks to all points 3 dB below = 12.2 mm

Ratio of SAR at M2 to SAR at M1 = 51.1%

Maximum value of SAR (measured) = 1.68 W/kg



0 dB = 1.68 W/kg = 2.25 dBW/kg

Test Plot 6#: DCS 1800 Low**DUT: Smart Phone; Type: KINGKONG ES 5; Serial: 3I2K-1**

Communication System: UID 0, Generic GPRS-3 slots (0); Frequency: 1710.4 MHz; Duty Cycle: 1:2.66

Medium parameters used: $f = 1710.4$ MHz; $\sigma = 1.323$ S/m; $\epsilon_r = 39.403$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(7.89, 7.89, 7.89) @ 1710.4 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Limb Back/DCS 1800 Low/Area Scan (8x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 3.68 W/kg

Limb Back/DCS 1800 Low/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.503 V/m; Power Drift = 0.09 dB

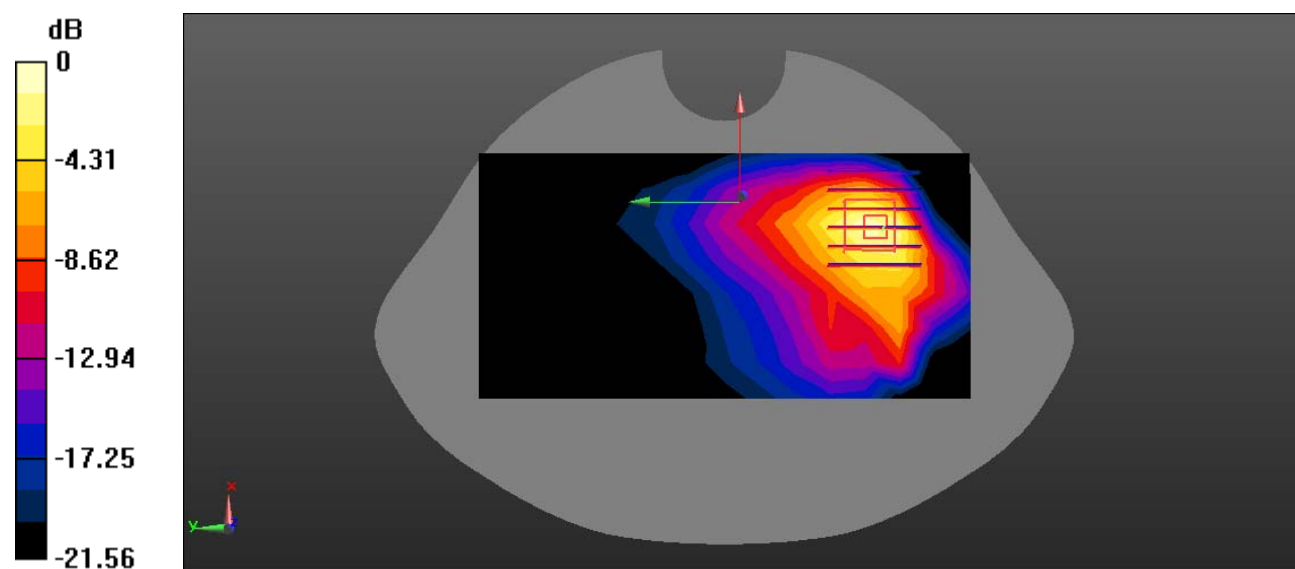
Peak SAR (extrapolated) = 7.14 W/kg

SAR(1 g) = 3.1 W/kg; SAR(10 g) = 1.53 W/kg

Smallest distance from peaks to all points 3 dB below = 10.1 mm

Ratio of SAR at M2 to SAR at M1 = 44.4%

Maximum value of SAR (measured) = 4.11 W/kg



0 dB = 4.11 W/kg = 6.14 dBW/kg

Test Plot 7#: WCDMA Band 1 High**DUT: Smart Phone; Type: KINGKONG ES 5; Serial: 3I2K-1**

Communication System: UID 0, Generic WCDMA (0); Frequency: 1977.4 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1977.4$ MHz; $\sigma = 1.443$ S/m; $\epsilon_r = 38.808$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(7.55, 7.55, 7.55) @ 1977.4 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Head Left Cheek/WCDMA Band 1 High/Area Scan (8x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.390 W/kg

Head Left Cheek/WCDMA Band 1 High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.717 V/m; Power Drift = 0.09 dB

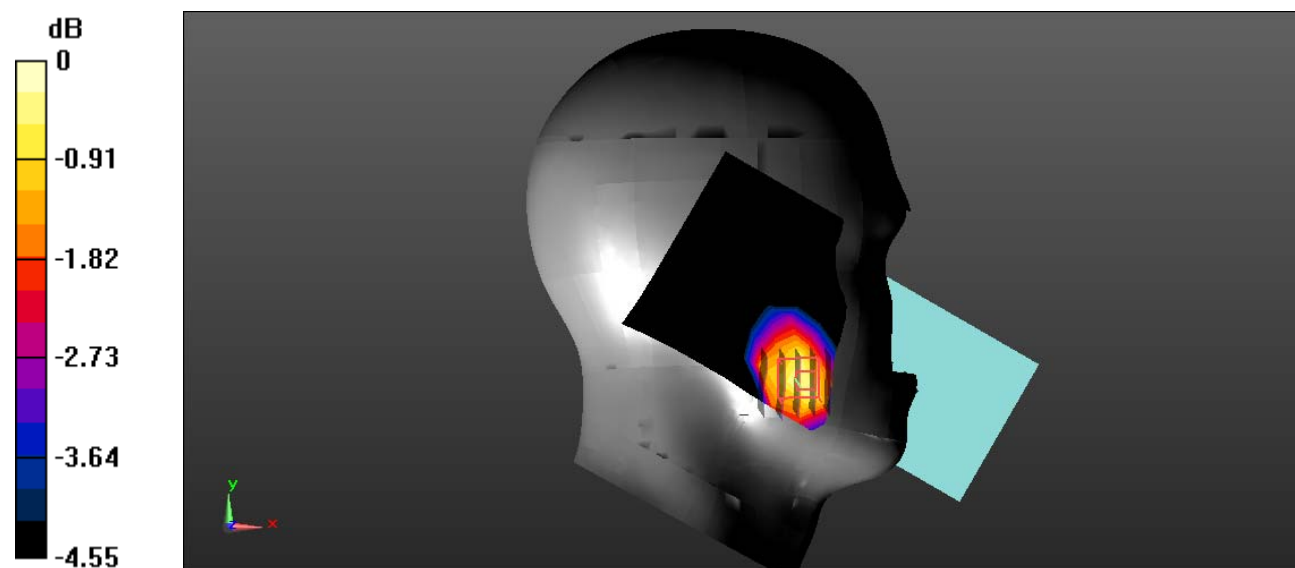
Peak SAR (extrapolated) = 0.556 W/kg

SAR(1 g) = 0.355 W/kg; SAR(10 g) = 0.224 W/kg

Smallest distance from peaks to all points 3 dB below = 19.7 mm

Ratio of SAR at M2 to SAR at M1 = 64.5%

Maximum value of SAR (measured) = 0.419 W/kg



0 dB = 0.419 W/kg = -3.78 dBW/kg

Test Plot 8#: WCDMA Band 1 High**DUT: Smart Phone; Type: KINGKONG ES 5; Serial: 3I2K-1**

Communication System: UID 0, Generic WCDMA (0); Frequency: 1977.4 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1977.4$ MHz; $\sigma = 1.443$ S/m; $\epsilon_r = 38.808$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(7.55, 7.55, 7.55) @ 1977.4 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Body Back/WCDMA Band 1 High/Area Scan (8x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 2.93 W/kg

Body Back/WCDMA Band 1 High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.96 V/m; Power Drift = -0.07 dB

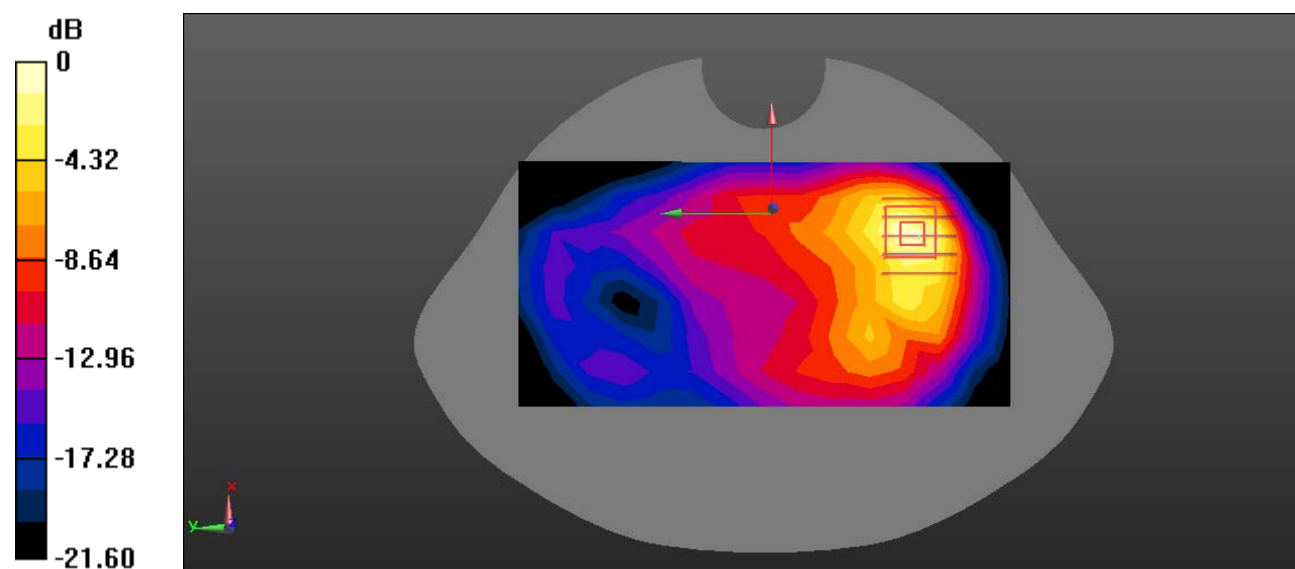
Peak SAR (extrapolated) = 4.83 W/kg

SAR(1 g) = 2.28 W/kg; SAR(10 g) = 1.11 W/kg

Smallest distance from peaks to all points 3 dB below = 10.2 mm

Ratio of SAR at M2 to SAR at M1 = 47.2%

Maximum value of SAR (measured) = 2.96 W/kg



0 dB = 2.96 W/kg = 4.71 dBW/kg

Plot 9#: WCDMA Band 1 High**DUT: Smart Phone; Type: KINGKONG ES 5; Serial: 3I2K-1**

Communication System: UID 0, Generic WCDMA (0); Frequency: 1977.4 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1977.4$ MHz; $\sigma = 1.443$ S/m; $\epsilon_r = 38.808$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(7.55, 7.55, 7.55) @ 1977.4 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Limb Back/WCDMA Band 1 High/Area Scan (8x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 8.53 W/kg

Limb Back/WCDMA Band 1 High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.14 V/m; Power Drift = -0.10 dB

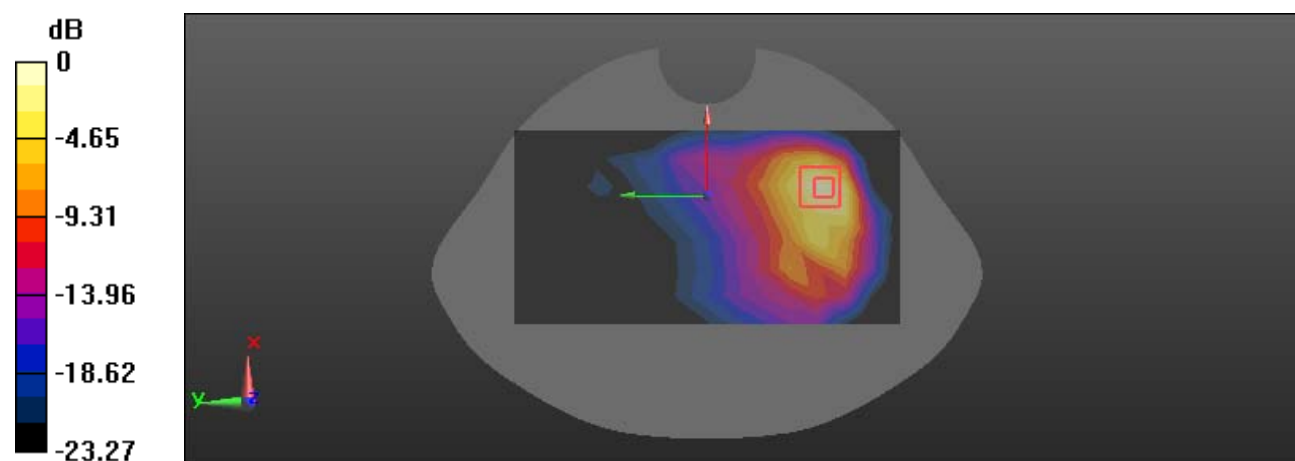
Peak SAR (extrapolated) = 15.8 W/kg

SAR(1 g) = 6.47 W/kg; SAR(10 g) = 2.99 W/kg

Smallest distance from peaks to all points 3 dB below = 8.8 mm

Ratio of SAR at M2 to SAR at M1 = 41.2%

Maximum value of SAR (measured) = 8.05 W/kg



0 dB = 8.05 W/kg = 9.06 dBW/kg

Test Plot 10#: WCDMA Band 8 Low**DUT: Smart Phone; Type: KINGKONG ES 5; Serial: 3I2K-1**

Communication System: UID 0, Generic WCDMA (0); Frequency: 882.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 882.6$ MHz; $\sigma = 0.936$ S/m; $\epsilon_r = 42.043$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(9, 9, 9) @ 882.6 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Head Right Cheek/WCDMA Band 8 Low/Area Scan (8x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.212 W/kg

Head Right Cheek/WCDMA Band 8 Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.974 V/m; Power Drift = 0.07 dB

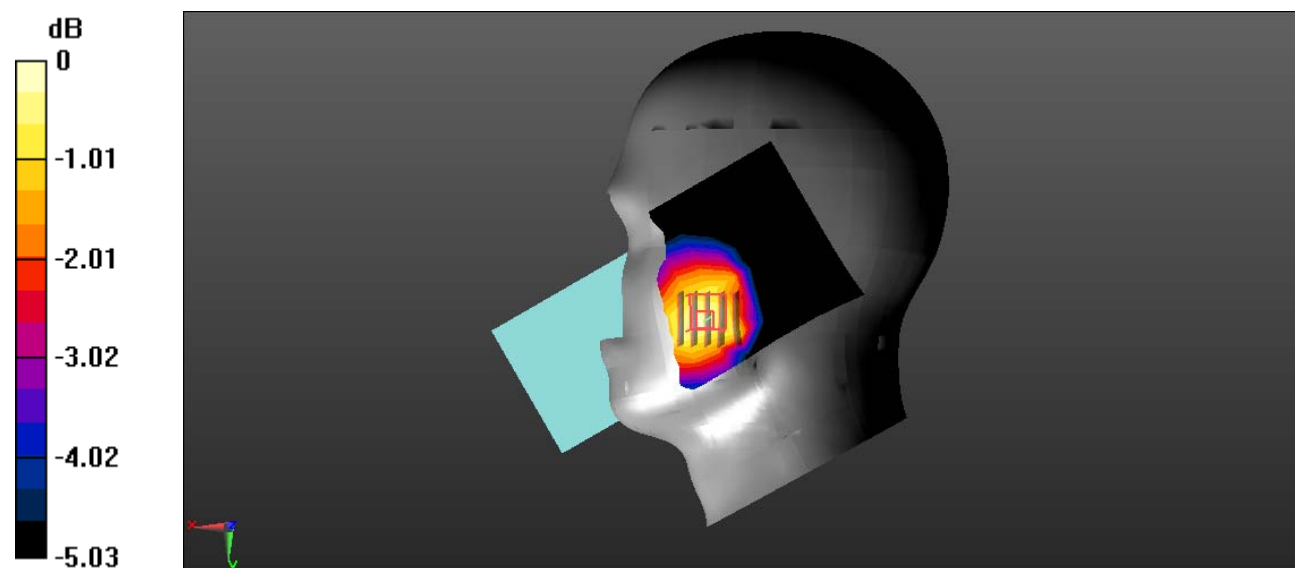
Peak SAR (extrapolated) = 0.271 W/kg

SAR(1 g) = 0.193 W/kg; SAR(10 g) = 0.147 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 = 76.3%

Maximum value of SAR (measured) = 0.214 W/kg



0 dB = 0.214 W/kg = -6.70 dBW/kg

Test Plot 11#: WCDMA Band 8 Low**DUT: Smart Phone; Type: KINGKONG ES 5; Serial: 3I2K-1**

Communication System: UID 0, Generic WCDMA (0); Frequency: 882.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 882.6 \text{ MHz}$; $\sigma = 0.936 \text{ S/m}$; $\epsilon_r = 42.043$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(9, 9, 9) @ 882.6 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Body Back/WCDMA Band 8 Low/Area Scan (8x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 1.29 W/kg

Body Back/WCDMA Band 8 Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 16.09 V/m; Power Drift = -0.00 dB

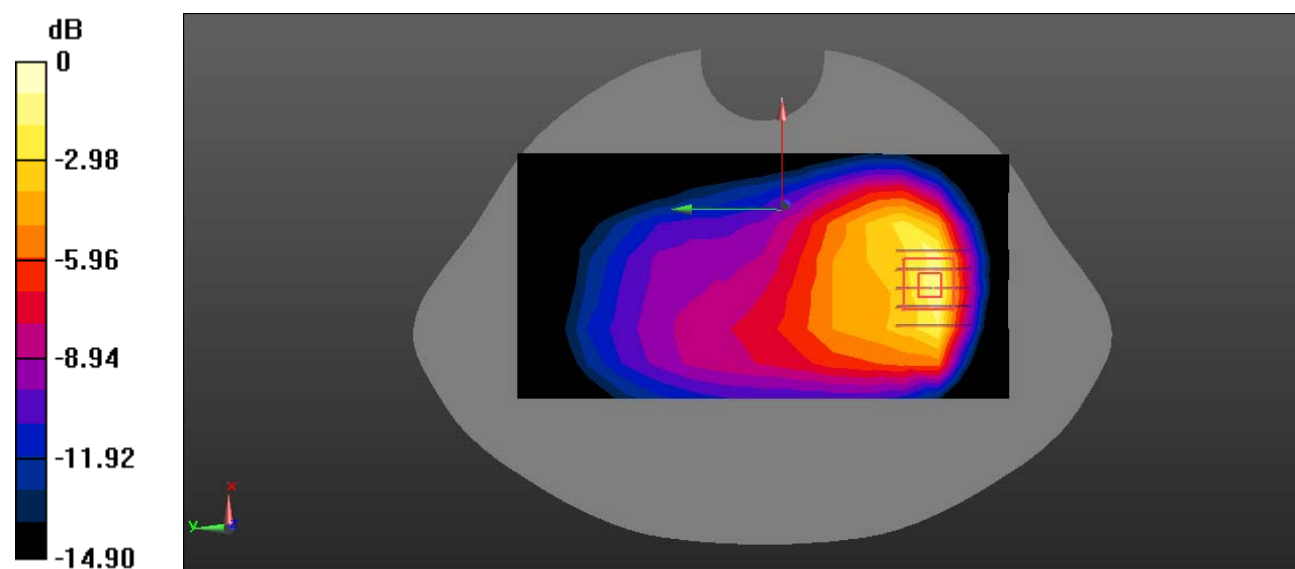
Peak SAR (extrapolated) = 2.45 W/kg

SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.667 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 53.8%

Maximum value of SAR (measured) = 1.61 W/kg



0 dB = 1.61 W/kg = 2.07 dBW/kg

Test Plot 12#: WCDMA Band 8 Low**DUT: Smart Phone; Type: KINGKONG ES 5; Serial: 3I2K-1**

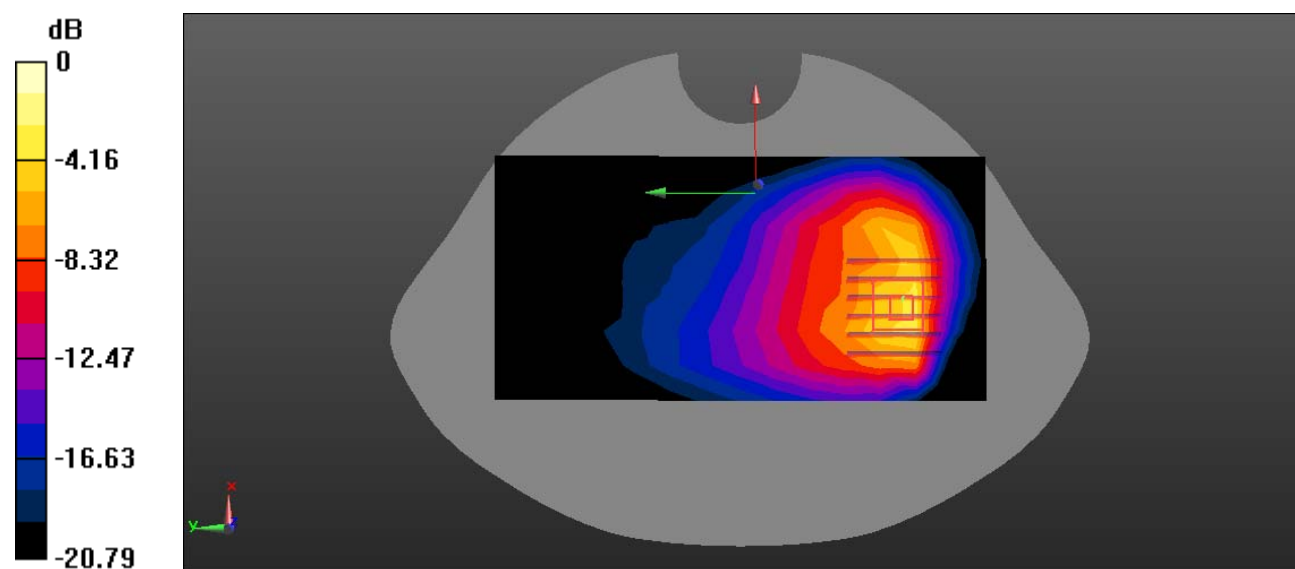
Communication System: UID 0, Generic WCDMA (0); Frequency: 882.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 882.6 \text{ MHz}$; $\sigma = 0.936 \text{ S/m}$; $\epsilon_r = 42.043$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(9, 9, 9) @ 882.6 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Limb Back/WCDMA Band 8 Low/Area Scan (8x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 1.47 W/kg **Limb Back/WCDMA Band 8 Low/Zoom Scan (6x6x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 11.04 V/m ; Power Drift = 0.01 dB Peak SAR (extrapolated) = 6.26 W/kg **SAR(1 g) = 2.2 W/kg ; SAR(10 g) = 0.974 W/kg** Smallest distance from peaks to all points 3 dB below = 8.4 mm Ratio of SAR at M2 to SAR at M1 = 36.8% Maximum value of SAR (measured) = 3.41 W/kg 0 dB = 3.41 W/kg = 5.33 dBW/kg

Test Plot 13#: LTE Band 1 1RB High**DUT: Smart Phone; Type: KINGKONG ES 5; Serial: 3I2K-1**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 1970 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1970$ MHz; $\sigma = 1.435$ S/m; $\epsilon_r = 38.947$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(7.55, 7.55, 7.55) @ 1970 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Head Left Cheek/LTE Band 1 1RB High/Area Scan (8x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.505 W/kg

Head Left Cheek/LTE Band 1 1RB High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.280 V/m; Power Drift = -0.04 dB

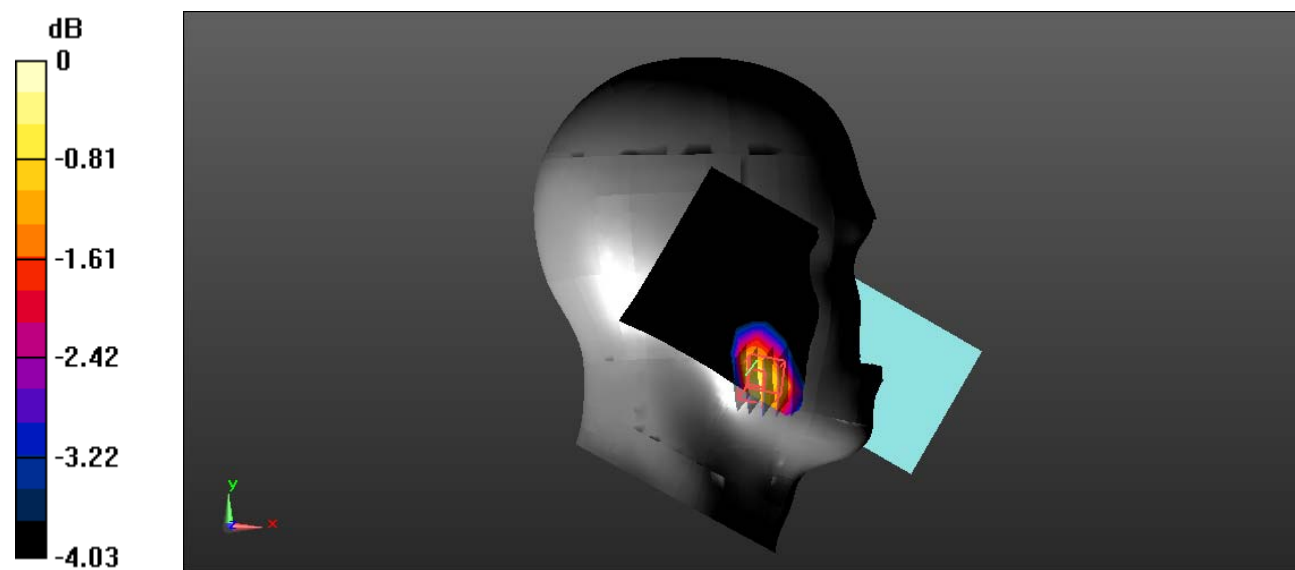
Peak SAR (extrapolated) = 0.715 W/kg

SAR(1 g) = 0.469 W/kg; SAR(10 g) = 0.297 W/kg

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 67.6%

Maximum value of SAR (measured) = 0.535 W/kg



0 dB = 0.535 W/kg = -2.72 dBW/kg

Test Plot 14#: LTE Band 1 1RB High**DUT: Smart Phone; Type: KINGKONG ES 5; Serial: 3I2K-1**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 1970 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1970$ MHz; $\sigma = 1.435$ S/m; $\epsilon_r = 38.947$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(7.55, 7.55, 7.55) @ 1970 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Body Back/LTE Band 1 1RB High/Area Scan (8x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 3.33 W/kg

Body Back/LTE Band 1 1RB High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.83 V/m; Power Drift = -0.10 dB

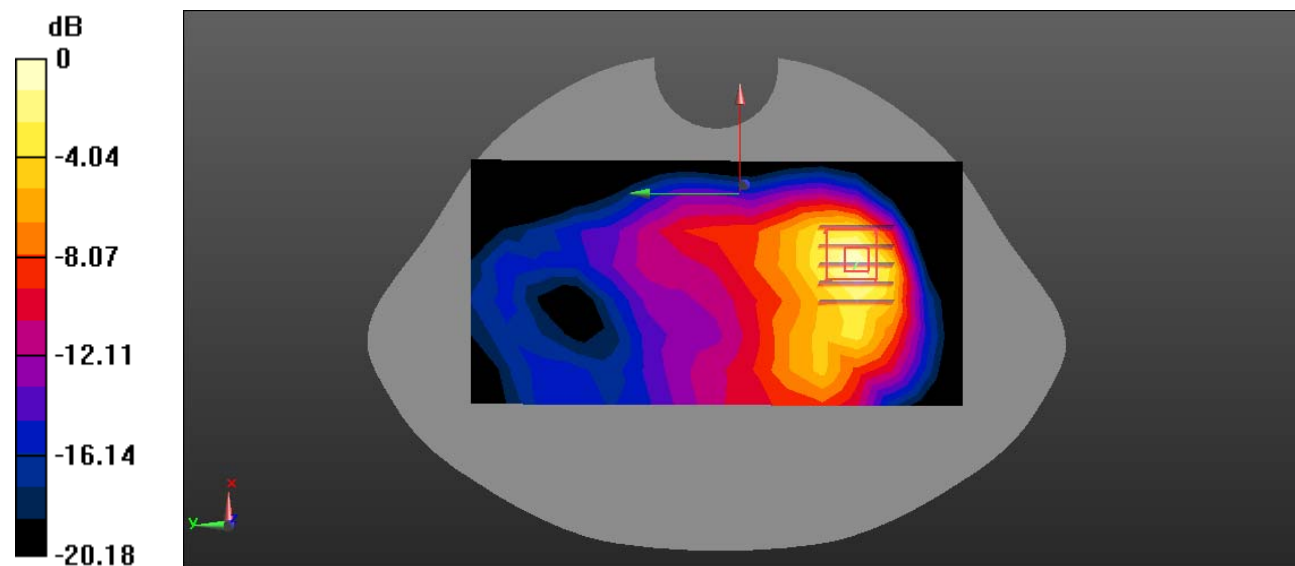
Peak SAR (extrapolated) = 5.44 W/kg

SAR(1 g) = 2.51 W/kg; SAR(10 g) = 1.21 W/kg

Smallest distance from peaks to all points 3 dB below = 10.7 mm

Ratio of SAR at M2 to SAR at M1 = 47.4%

Maximum value of SAR (measured) = 3.08 W/kg



0 dB = 3.08 W/kg = 4.89 dBW/kg

Test Plot 15#: LTE Band 1 1RB High**DUT: Smart Phone; Type: KINGKONG ES 5; Serial: 3I2K-1**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 1970 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1970$ MHz; $\sigma = 1.435$ S/m; $\epsilon_r = 38.947$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(7.55, 7.55, 7.55) @ 1970 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Limb Back/LTE Band 1 1RB High/Area Scan (8x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 8.61 W/kg

Limb Back/LTE Band 1 1RB High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.75 V/m; Power Drift = 0.01 dB

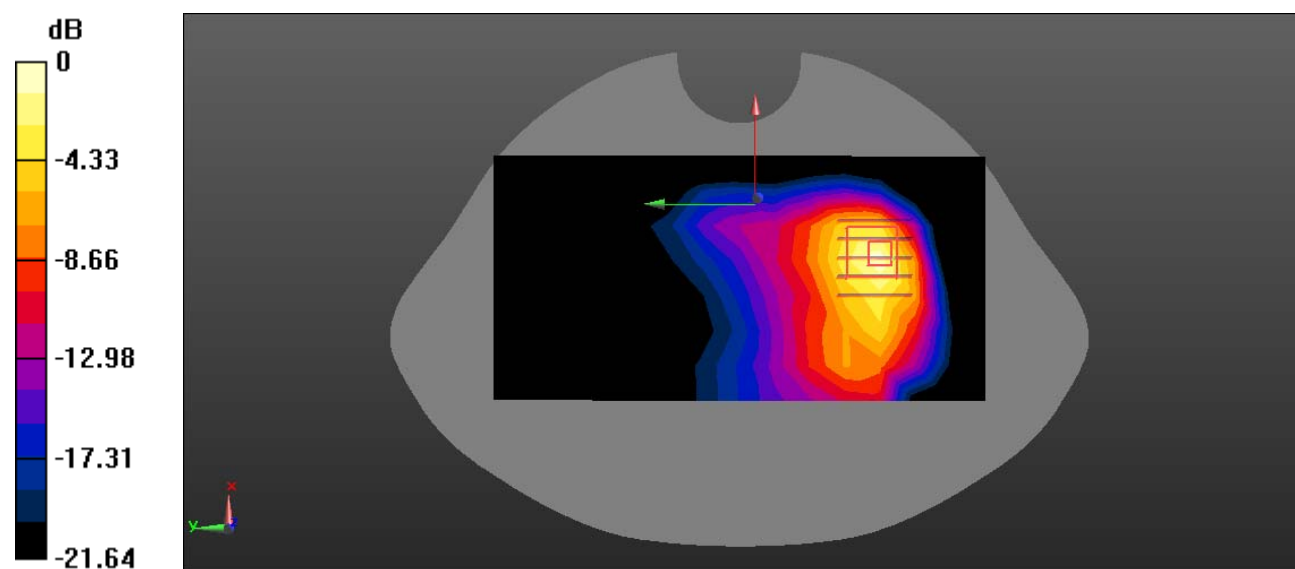
Peak SAR (extrapolated) = 18.5 W/kg

SAR(1 g) = 6.93 W/kg; SAR(10 g) = 3.14 W/kg

Smallest distance from peaks to all points 3 dB below = 9.4 mm

Ratio of SAR at M2 to SAR at M1 = 35.7%

Maximum value of SAR (measured) = 9.26 W/kg



0 dB = 9.26 W/kg = 9.67 dBW/kg

Test Plot 16#: LTE Band 3 1RB Mid**DUT: Smart Phone; Type: KINGKONG ES 5; Serial: 3I2K-1**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 1747.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1747.5$ MHz; $\sigma = 1.354$ S/m; $\epsilon_r = 39.077$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(7.89, 7.89, 7.89) @ 1747.5 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Head Left Cheek/LTE Band 3 1RB Mid/Area Scan (8x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.185 W/kg

Head Left Cheek/LTE Band 3 1RB Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.927 V/m; Power Drift = 0.05 dB

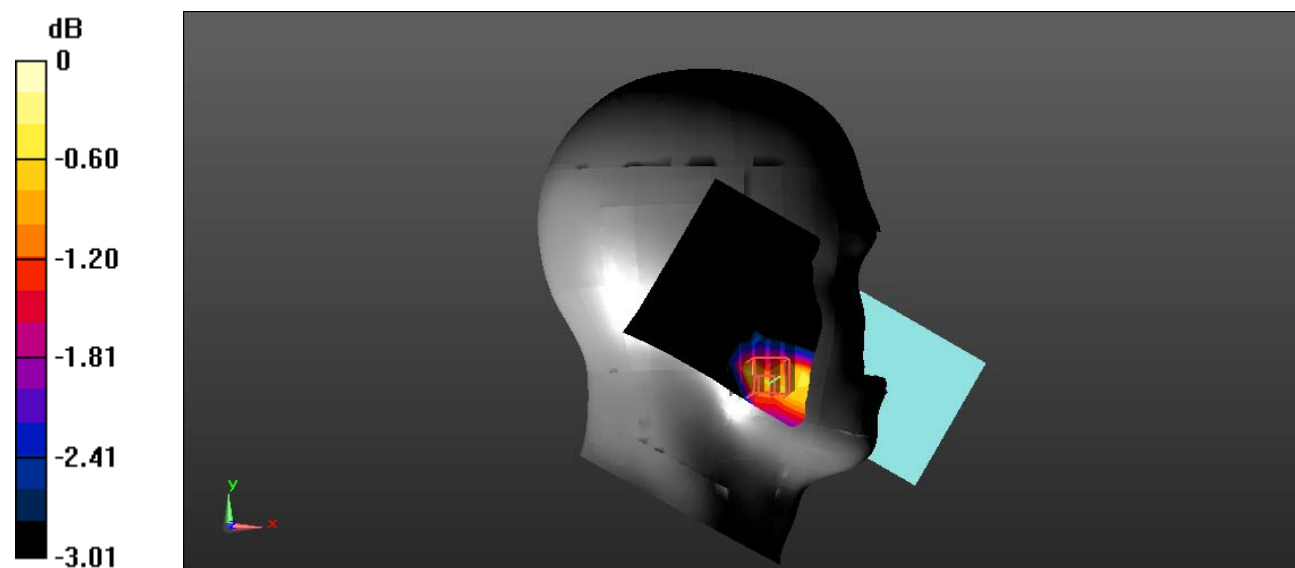
Peak SAR (extrapolated) = 0.269 W/kg

SAR(1 g) = 0.177 W/kg; SAR(10 g) = 0.119 W/kg

Smallest distance from peaks to all points 3 dB below = 17.6 mm

Ratio of SAR at M2 to SAR at M1 = 66.1%

Maximum value of SAR (measured) = 0.206 W/kg



0 dB = 0.206 W/kg = -6.86 dBW/kg

Test Plot 17#: LTE Band 3 1RB Mid**DUT: Smart Phone; Type: KINGKONG ES 5; Serial: 3I2K-1**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 1747.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1747.5$ MHz; $\sigma = 1.354$ S/m; $\epsilon_r = 39.077$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(7.89, 7.89, 7.89) @ 1747.5 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Body Back/LTE Band 3 1RB Mid/Area Scan (8x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 2.33 W/kg

Body Back/LTE Band 3 1RB Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.25 V/m; Power Drift = -0.01 dB

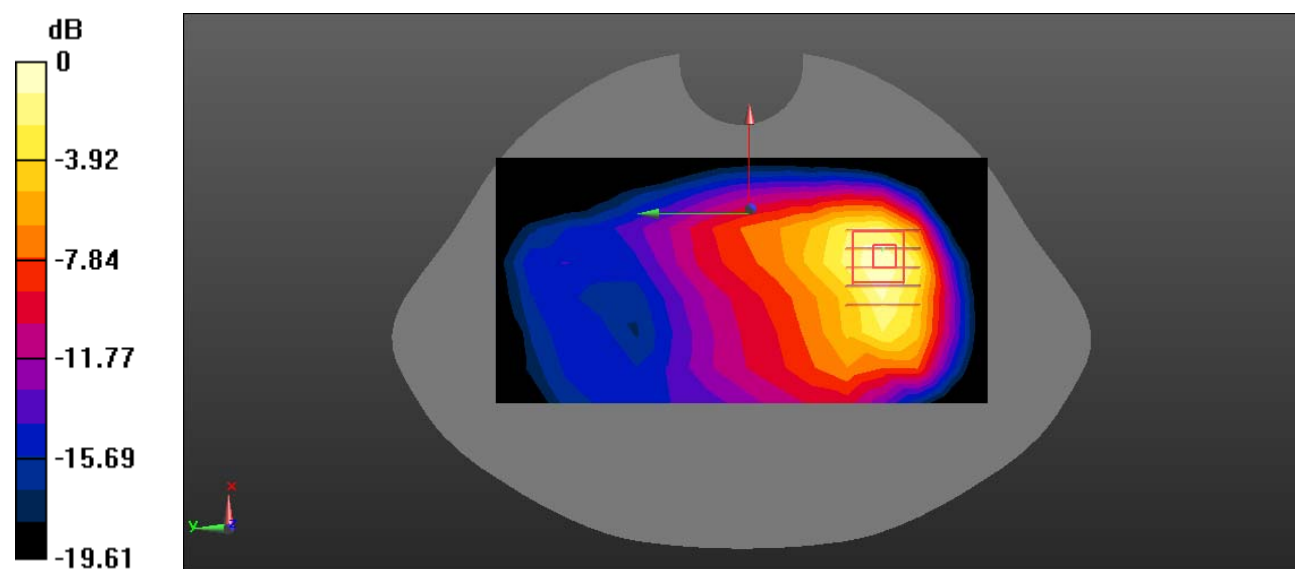
Peak SAR (extrapolated) = 3.83 W/kg

SAR(1 g) = 1.85 W/kg; SAR(10 g) = 0.983 W/kg

Smallest distance from peaks to all points 3 dB below = 10.7 mm

Ratio of SAR at M2 to SAR at M1 = 53%

Maximum value of SAR (measured) = 2.26 W/kg



0 dB = 2.26 W/kg = 3.54 dBW/kg

Test Plot 18#: LTE Band 3 1RB Mid**DUT: Smart Phone; Type: KINGKONG ES 5; Serial: 3I2K-1**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 1747.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1747.5$ MHz; $\sigma = 1.354$ S/m; $\epsilon_r = 39.077$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(7.89, 7.89, 7.89) @ 1747.5 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Limb Back/LTE Band 3 1RB Mid/Area Scan (8x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 5.95 W/kg

Limb Back/LTE Band 3 1RB Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.75 V/m; Power Drift = -0.11 dB

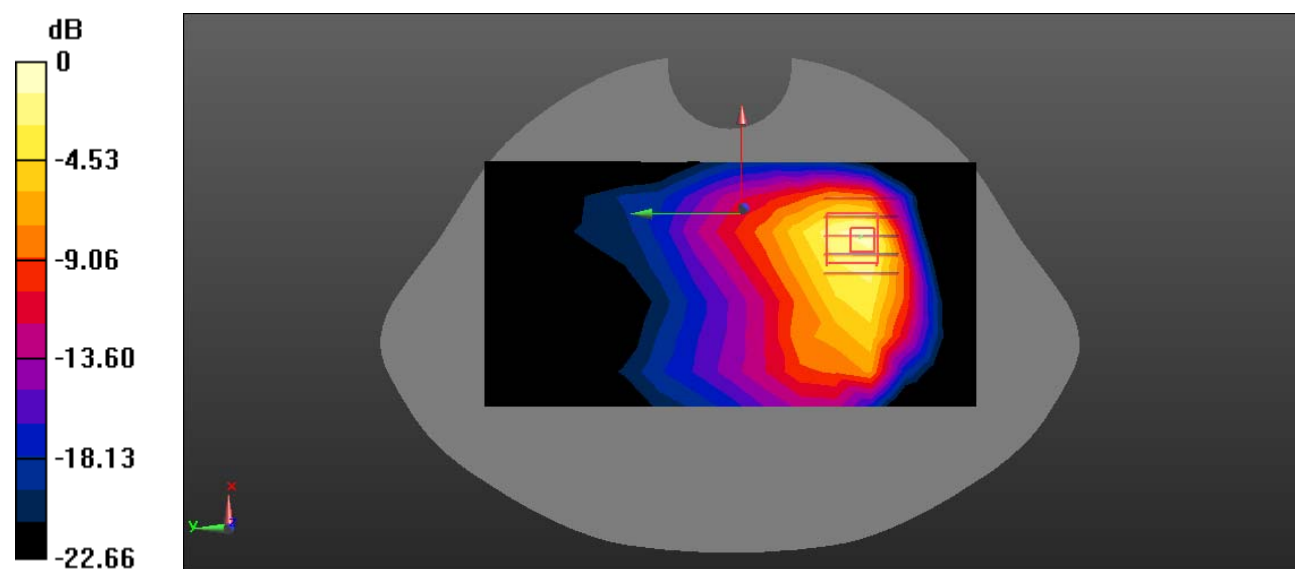
Peak SAR (extrapolated) = 13.8 W/kg

SAR(1 g) = 5.32 W/kg; SAR(10 g) = 2.58 W/kg

Smallest distance from peaks to all points 3 dB below = 8.9 mm

Ratio of SAR at M2 to SAR at M1 = 46.2%

Maximum value of SAR (measured) = 7.00 W/kg



0 dB = 7.00 W/kg = 8.45 dBW/kg

Test Plot 19#: LTE Band 7 1RB Mid**DUT: Smartphone; Type: KINGKONG ES5; Serial: 3IUD-1**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 39.701$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(7, 7, 7) @ 2535 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Head Left Cheek/LTE Band 7 1RB Mid/Area Scan (11x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0503 W/kg

Head Left Cheek/LTE Band 7 1RB Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.19 dB

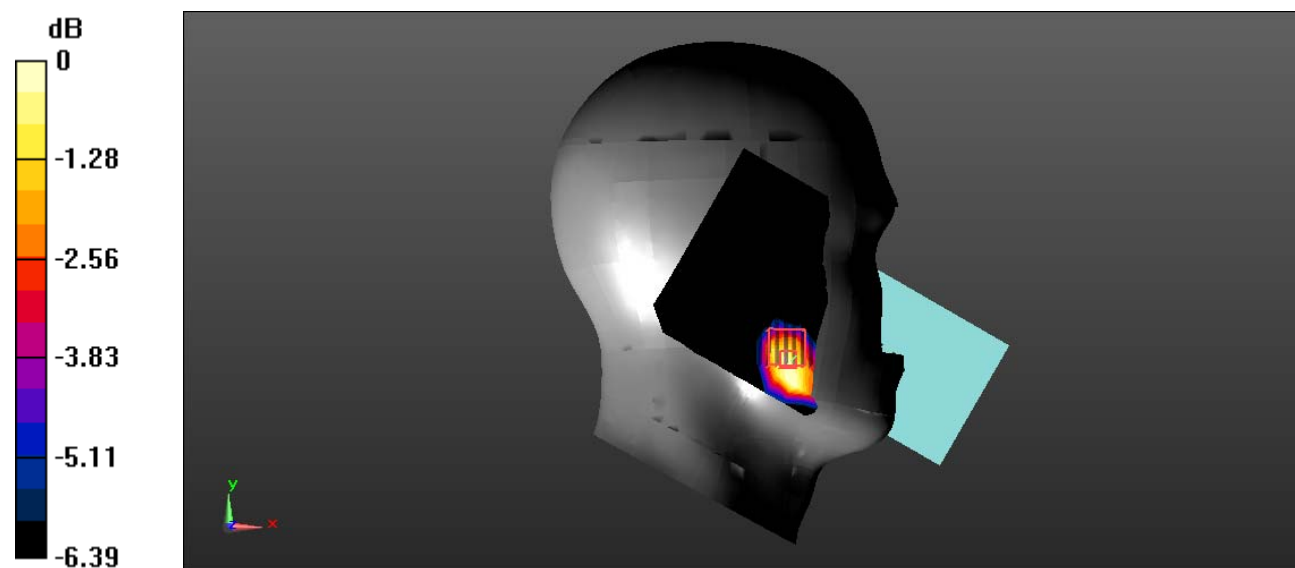
Peak SAR (extrapolated) = 0.0700 W/kg

SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.020 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 15 mm)

Ratio of SAR at M2 to SAR at M1 = 55.6%

Maximum value of SAR (measured) = 0.0471 W/kg



0 dB = 0.0471 W/kg = -13.27 dBW/kg

Test Plot 20#: LTE Band 7 1RB Mid**DUT: Smartphone; Type: KINGKONG ES5; Serial: 3IUD-1**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535 \text{ MHz}$; $\sigma = 1.826 \text{ S/m}$; $\epsilon_r = 39.701$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(7, 7, 7) @ 2535 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Body Back/LTE Band 7 1RB Mid/Area Scan (11x19x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 1.03 W/kg

Body Back/LTE Band 7 1RB Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.746 V/m; Power Drift = 0.12 dB

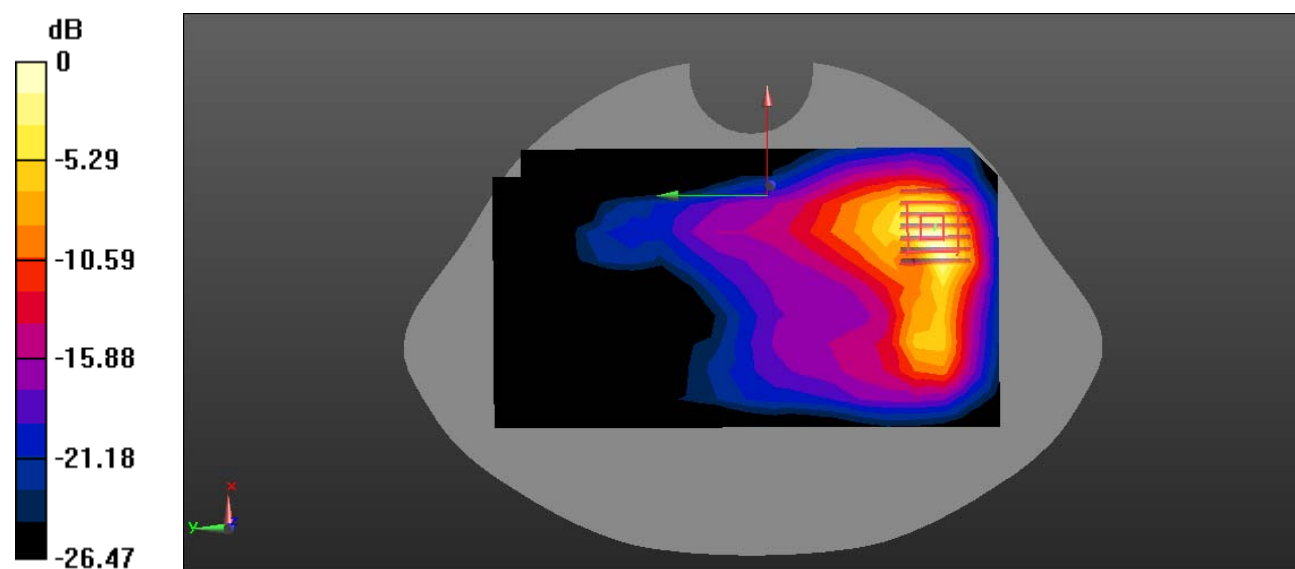
Peak SAR (extrapolated) = 2.10 W/kg

SAR(1 g) = 0.882 W/kg; SAR(10 g) = 0.367 W/kg

Smallest distance from peaks to all points 3 dB below = 9.4 mm

Ratio of SAR at M2 to SAR at M1 = 45.1%

Maximum value of SAR (measured) = 1.23 W/kg



0 dB = 1.23 W/kg = 0.90 dBW/kg

Test Plot 21#: LTE Band 7 1RB Mid**DUT: Smartphone; Type: KINGKONG ES5; Serial: 3IUD-1**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 39.701$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(7, 7, 7) @ 2535 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Limb Back/LTE Band 7 1RB Mid/Area Scan (11x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 3.50 W/kg

Limb Back/LTE Band 7 1RB Mid/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.743 V/m; Power Drift = 0.17 dB

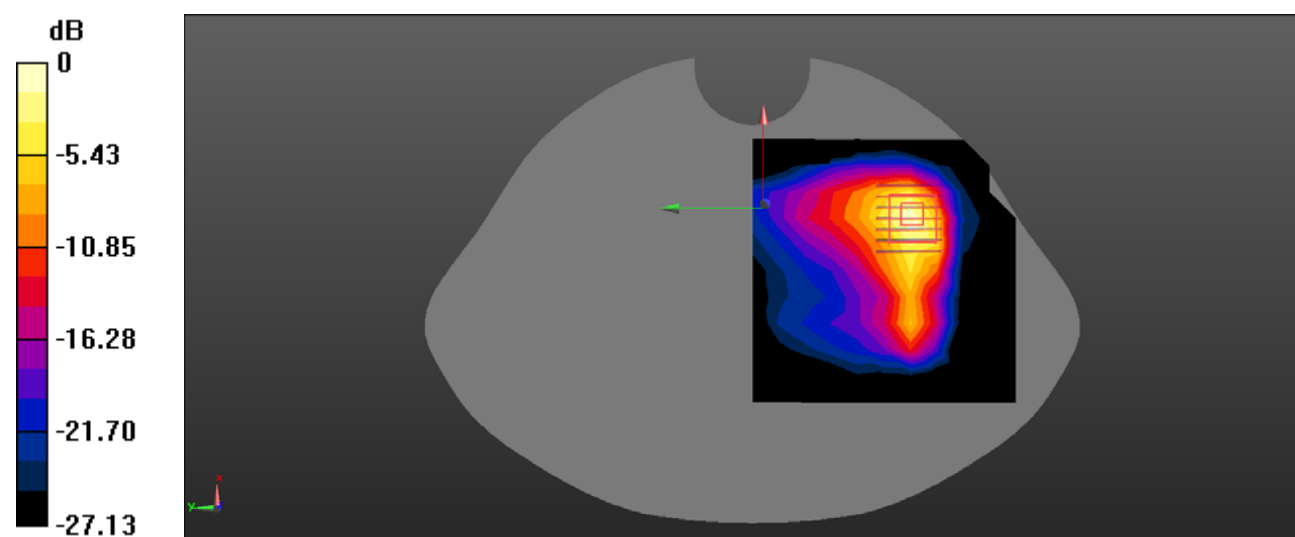
Peak SAR (extrapolated) = 7.81 W/kg

SAR(1 g) = 2.42 W/kg; SAR(10 g) = 0.903 W/kg

Smallest distance from peaks to all points 3 dB below = 6.1 mm

Ratio of SAR at M2 to SAR at M1 = 40.6%

Maximum value of SAR (measured) = 3.45 W/kg



0 dB = 3.45 W/kg = 5.38 dBW/kg

Test Plot 22#: LTE Band 8 1RB Low**DUT: Smart Phone; Type: KINGKONG ES 5; Serial: 3I2K-1**

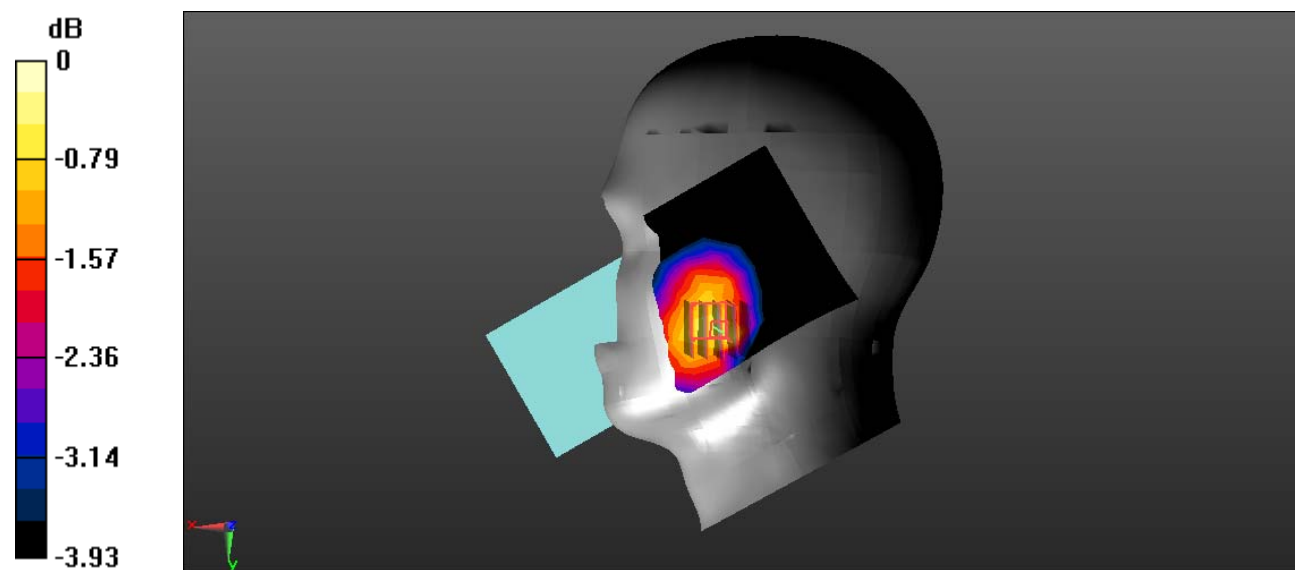
Communication System: UID 0, Generic FDD-LTE (0); Frequency: 885 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 885 \text{ MHz}$; $\sigma = 0.941 \text{ S/m}$; $\epsilon_r = 42.334$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(9, 9, 9) @ 885 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Head Right Cheek/LTE Band 8 1RB Low/Area Scan (8x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 0.224 W/kg **Head Right Cheek/LTE Band 8 1RB Low/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 7.801 V/m ; Power Drift = 0.12 dB Peak SAR (extrapolated) = 0.289 W/kg **SAR(1 g) = 0.216 W/kg ; SAR(10 g) = 0.168 W/kg** Smallest distance from peaks to all points 3 dB below = 18.5 mm Ratio of SAR at M2 to SAR at M1 = 73.9% Maximum value of SAR (measured) = 0.251 W/kg  $0 \text{ dB} = 0.251 \text{ W/kg} = -6.00 \text{ dBW/kg}$

Test Plot 23#: LTE Band 8 1RB Low**DUT: Smart Phone; Type: KINGKONG ES 5; Serial: 3I2K-1**

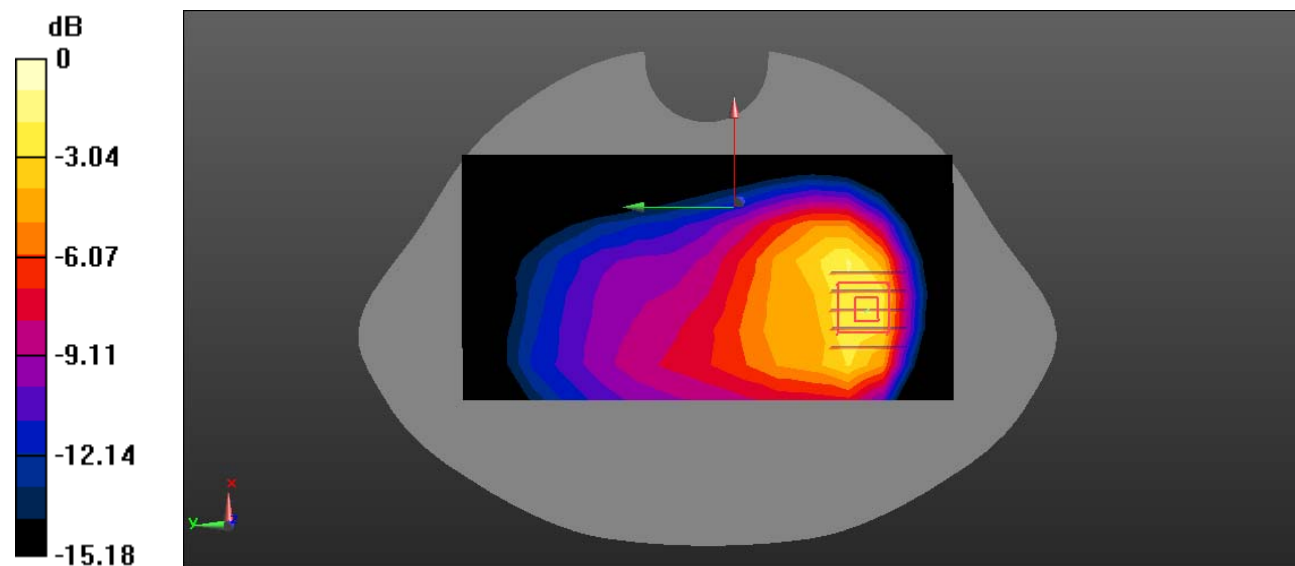
Communication System: UID 0, Generic FDD-LTE (0); Frequency: 885 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 885 \text{ MHz}$; $\sigma = 0.941 \text{ S/m}$; $\epsilon_r = 42.334$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(9, 9, 9) @ 885 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Body Back/LTE Band 8 1RB Low/Area Scan (8x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 1.17 W/kg **Body Back/LTE Band 8 1RB Low/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 17.52 V/m ; Power Drift = -0.03 dB Peak SAR (extrapolated) = 2.74 W/kg **SAR(1 g) = 1.36 W/kg ; SAR(10 g) = 0.720 W/kg** Smallest distance from peaks to all points 3 dB below = 8.6 mm Ratio of SAR at M2 to SAR at M1 = 51.6% Maximum value of SAR (measured) = 1.83 W/kg  $0 \text{ dB} = 1.83 \text{ W/kg} = 2.62 \text{ dBW/kg}$

Test Plot 24#: LTE Band 8 1RB Low**DUT: Smart Phone; Type: KINGKONG ES 5; Serial: 3I2K-1**

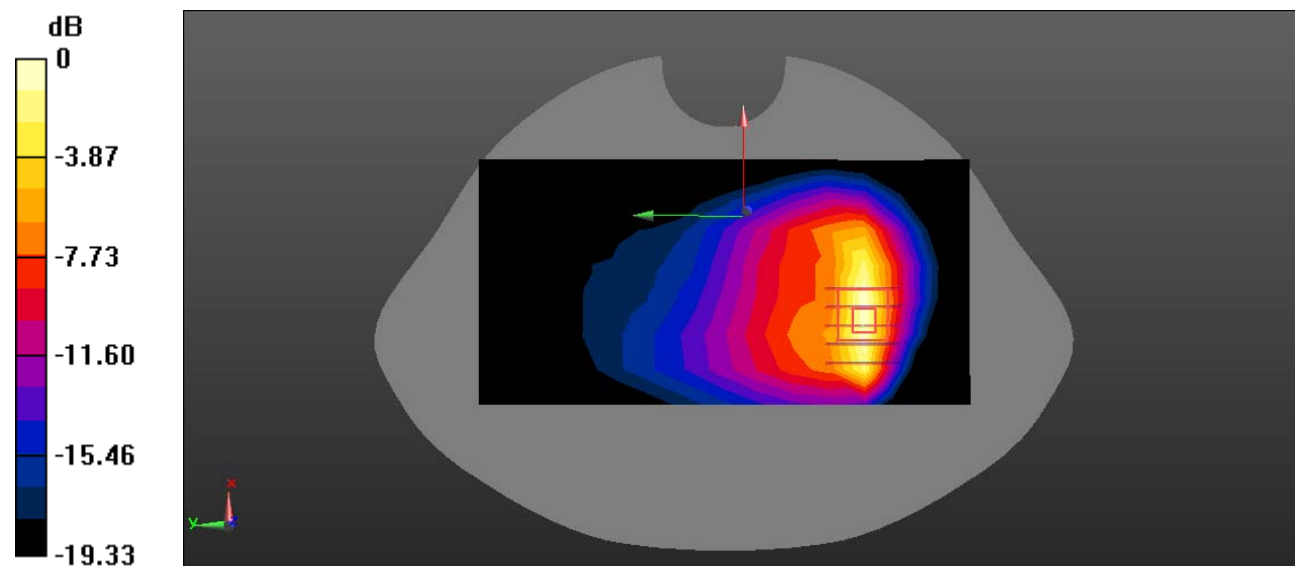
Communication System: UID 0, Generic FDD-LTE (0); Frequency: 885 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 885 \text{ MHz}$; $\sigma = 0.941 \text{ S/m}$; $\epsilon_r = 42.334$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(9, 9, 9) @ 885 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Limb Back/LTE Band 8 1RB Low/Area Scan (8x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 3.96 W/kg **Limb Back/LTE Band 8 1RB Low/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 15.02 V/m ; Power Drift = 0.19 dB Peak SAR (extrapolated) = 7.35 W/kg **SAR(1 g) = 2.68 W/kg ; SAR(10 g) = 1.2 W/kg** Smallest distance from peaks to all points 3 dB below = 8.2 mm Ratio of SAR at M2 to SAR at M1 = 37.8% Maximum value of SAR (measured) = 4.05 W/kg  $0 \text{ dB} = 4.05 \text{ W/kg} = 6.07 \text{ dBW/kg}$

Test Plot 25#: LTE Band 20 1RB Low**DUT: Smart Phone; Type: KINGKONG ES 5; Serial: 3I2K-1**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 842 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 842$ MHz; $\sigma = 0.932$ S/m; $\epsilon_r = 42.108$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(9.4, 9.4, 9.4) @ 842 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Head Right Cheek/LTE Band 20 1RB Low/Area Scan (8x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.259 W/kg

Head Right Cheek/LTE Band 20 1RB Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.686 V/m; Power Drift = 0.15 dB

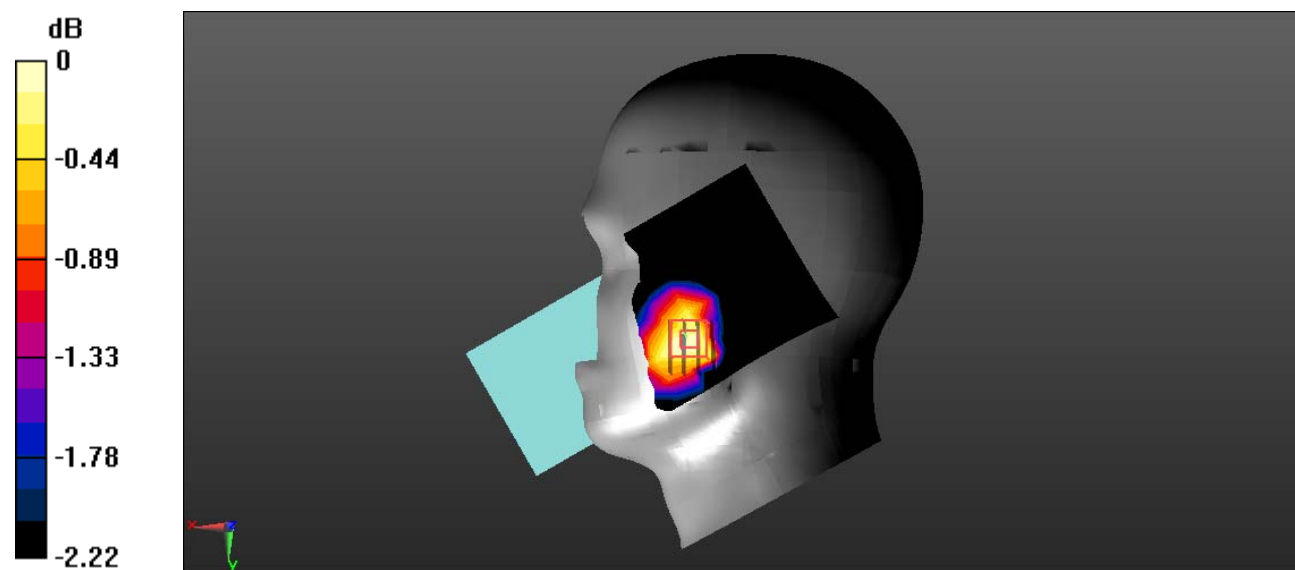
Peak SAR (extrapolated) = 0.323 W/kg

SAR(1 g) = 0.230 W/kg; SAR(10 g) = 0.180 W/kg

Smallest distance from peaks to all points 3 dB below = 12.5 mm

Ratio of SAR at M2 to SAR at M1 = 79.2%

Maximum value of SAR (measured) = 0.250 W/kg



0 dB = 0.250 W/kg = -6.02 dBW/kg

Test Plot 26#: LTE Band 20 1RB Low**DUT: Smart Phone; Type: KINGKONG ES 5; Serial: 3I2K-1**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 842 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 842$ MHz; $\sigma = 0.932$ S/m; $\epsilon_r = 42.108$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(9.4, 9.4, 9.4) @ 842 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Body Back/LTE Band 20 1RB Low/Area Scan (8x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.68 W/kg

Body Back/LTE Band 20 1RB Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.70 V/m; Power Drift = -0.04 dB

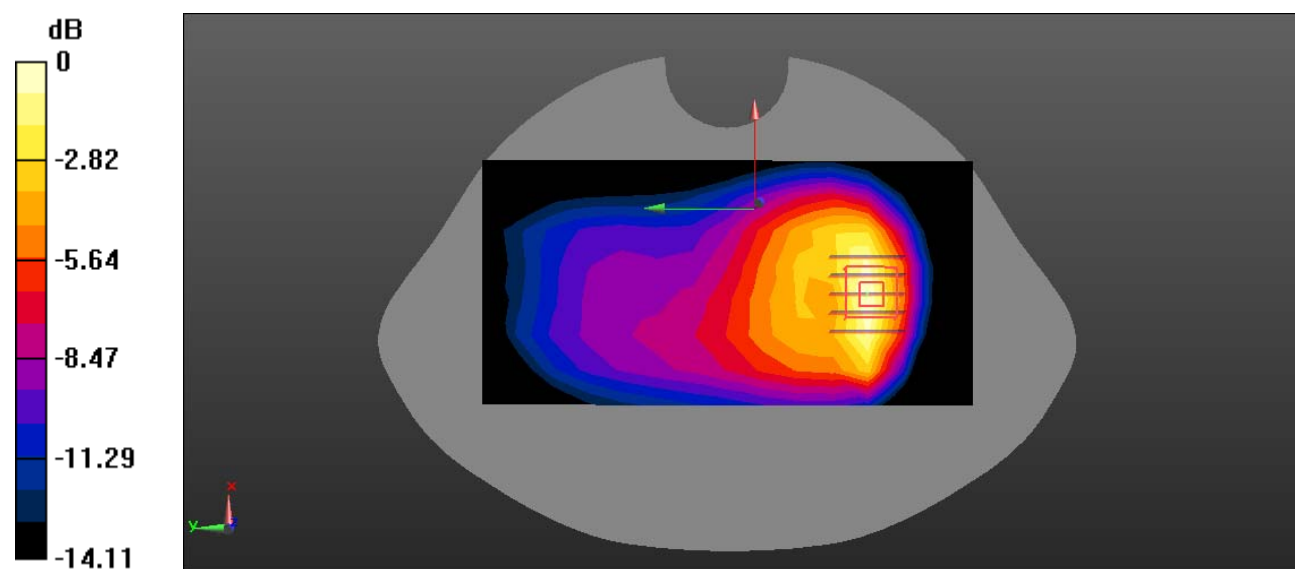
Peak SAR (extrapolated) = 2.57 W/kg

SAR(1 g) = 1.29 W/kg; SAR(10 g) = 0.686 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 53.3%

Maximum value of SAR (measured) = 1.59 W/kg



0 dB = 1.59 W/kg = 2.01 dBW/kg

Test Plot 27#: LTE Band 20 1RB Low**DUT: Smart Phone; Type: KINGKONG ES 5; Serial: 3I2K-1**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 842 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 842$ MHz; $\sigma = 0.932$ S/m; $\epsilon_r = 42.108$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(9.4, 9.4, 9.4) @ 842 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Limb Back/LTE Band 20 1RB Low/Area Scan (8x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 4.58 W/kg

Limb Back/LTE Band 20 1RB Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.20 V/m; Power Drift = -0.09 dB

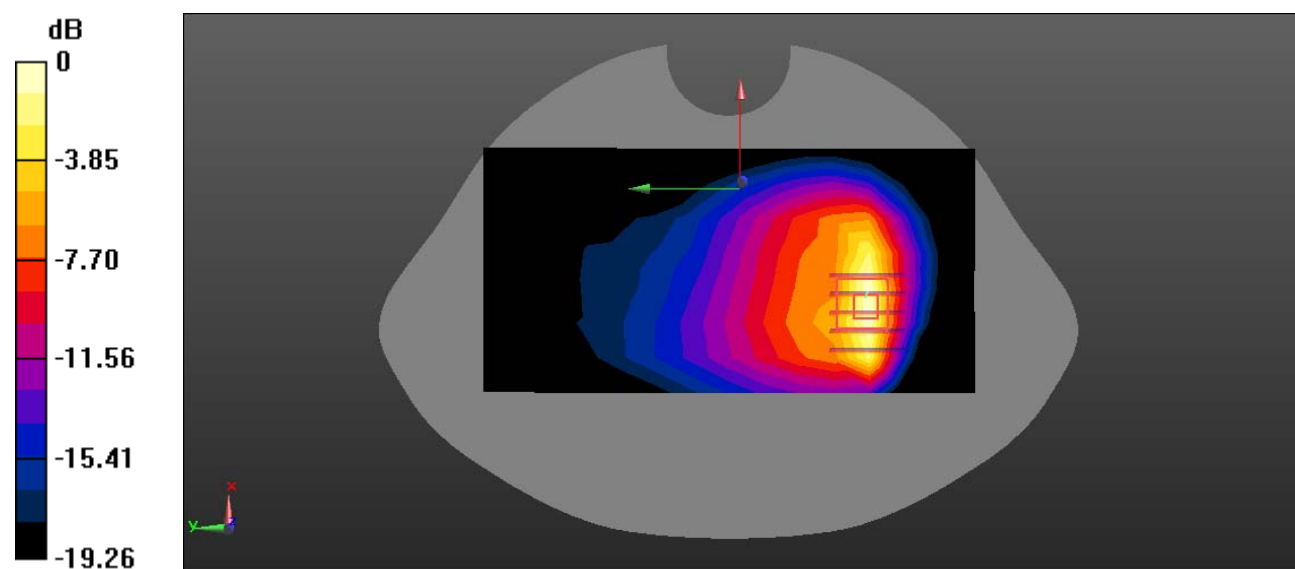
Peak SAR (extrapolated) = 8.47 W/kg

SAR(1 g) = 3.06 W/kg; SAR(10 g) = 1.39 W/kg

Smallest distance from peaks to all points 3 dB below = 9.4 mm

Ratio of SAR at M2 to SAR at M1 = 37.5%

Maximum value of SAR (measured) = 4.71 W/kg



0 dB = 4.71 W/kg = 6.73 dBW/kg

Test Plot 28#: LTE Band 28 1RB Low**DUT: Smart Phone; Type: KINGKONG ES 5; Serial: 3I2K-1**

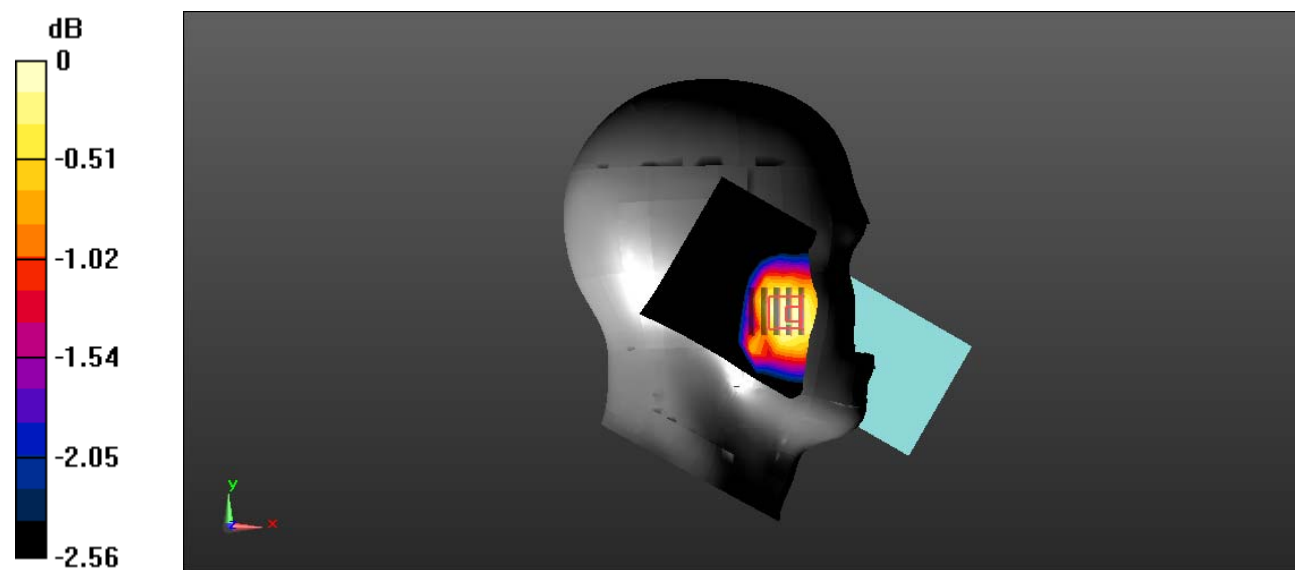
Communication System: UID 0, Generic FDD-LTE (0); Frequency: 713 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 713 \text{ MHz}$; $\sigma = 0.866 \text{ S/m}$; $\epsilon_r = 43.151$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(9.4, 9.4, 9.4) @ 713 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Head Left Cheek/LTE Band 28 1RB Low/Area Scan (8x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 0.137 W/kg **Head Left Cheek/LTE Band 28 1RB Low/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 3.407 V/m ; Power Drift = 0.11 dB Peak SAR (extrapolated) = 0.155 W/kg **SAR(1 g) = 0.126 W/kg ; SAR(10 g) = 0.103 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 = 81.4% Maximum value of SAR (measured) = 0.135 W/kg  $0 \text{ dB} = 0.135 \text{ W/kg} = -8.70 \text{ dBW/kg}$

Test Plot 29#: LTE Band 28 1RB Low**DUT: Smart Phone; Type: KINGKONG ES 5; Serial: 3I2K-1**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 713 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 713 \text{ MHz}$; $\sigma = 0.866 \text{ S/m}$; $\epsilon_r = 43.151$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(9.4, 9.4, 9.4) @ 713 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Body Back/LTE Band 28 1RB Low/Area Scan (8x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.855 W/kg

Body Back/LTE Band 28 1RB Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 16.37 V/m; Power Drift = -0.05 dB

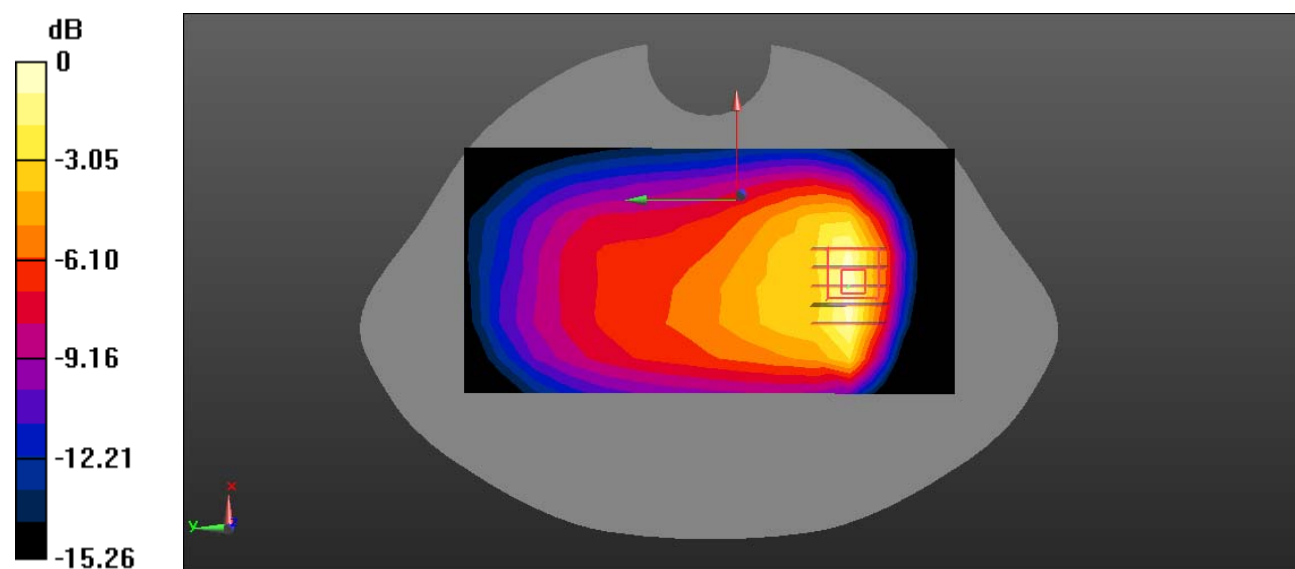
Peak SAR (extrapolated) = 1.67 W/kg

SAR(1 g) = 0.709 W/kg; SAR(10 g) = 0.350 W/kg

Smallest distance from peaks to all points 3 dB below = 8.8 mm

Ratio of SAR at M2 to SAR at M1 = 51.3%

Maximum value of SAR (measured) = 0.858 W/kg

 $0 \text{ dB} = 0.858 \text{ W/kg} = -0.67 \text{ dBW/kg}$

Test Plot 30#: LTE Band 28 1RB Low**DUT: Smart Phone; Type: KINGKONG ES 5; Serial: 3I2K-1**

Communication System: UID 0, Generic FDD-LTE (0); Frequency: 713 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 713 \text{ MHz}$; $\sigma = 0.866 \text{ S/m}$; $\epsilon_r = 43.151$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(9.4, 9.4, 9.4) @ 713 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Limb Back/LTE Band 28 1RB Low/Area Scan (8x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 4.62 W/kg

Limb Back/LTE Band 28 1RB Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 19.77 V/m; Power Drift = -0.06 dB

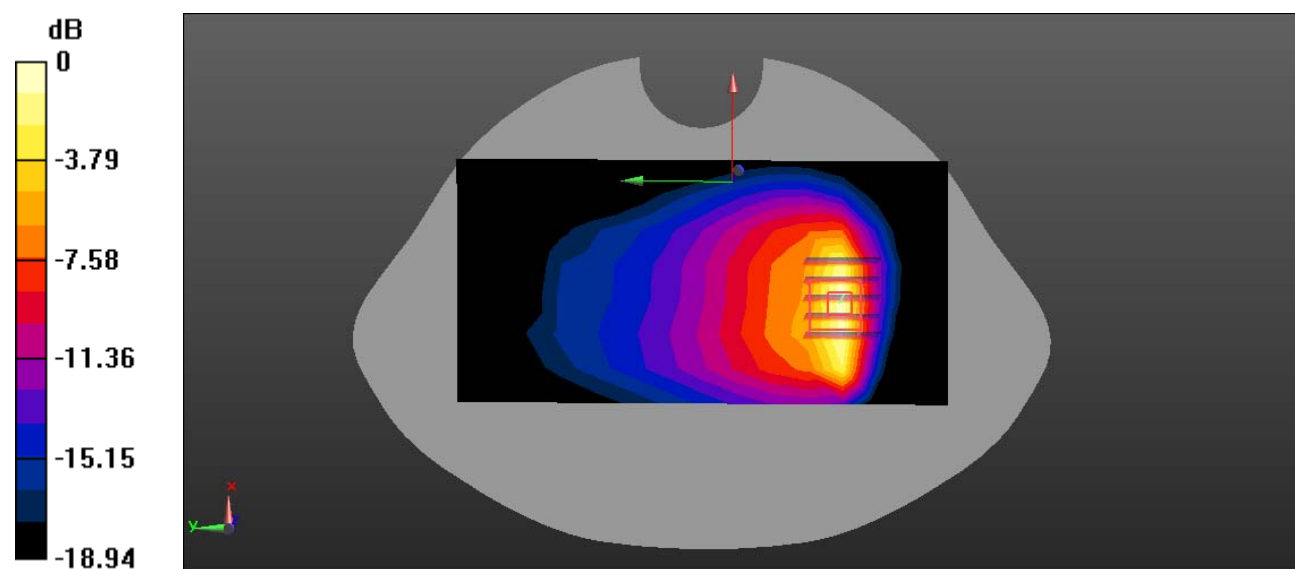
Peak SAR (extrapolated) = 9.01 W/kg

SAR(1 g) = 2.99 W/kg; SAR(10 g) = 1.34 W/kg

Smallest distance from peaks to all points 3 dB below = 9.2 mm

Ratio of SAR at M2 to SAR at M1 = 35.3%

Maximum value of SAR (measured) = 4.77 W/kg



0 dB = 4.77 W/kg = 6.79 dBW/kg

Test Plot 31#: LTE Band 38 1RB Low**DUT: Smart Phone; Type: KINGKONG ES 5; Serial: 3I2K-1**

Communication System: UID 0, Generic TDD-LTE (0); Frequency: 2580 MHz; Duty Cycle: 1:1.58

Medium parameters used: $f = 2580$ MHz; $\sigma = 1.884$ S/m; $\epsilon_r = 39.599$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(7, 7, 7) @ 2580 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Head Left Cheek/LTE Band 38 1RB Low/Area Scan (10x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.233 W/kg

Head Left Cheek/LTE Band 38 1RB Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.824 V/m; Power Drift = 0.16 dB

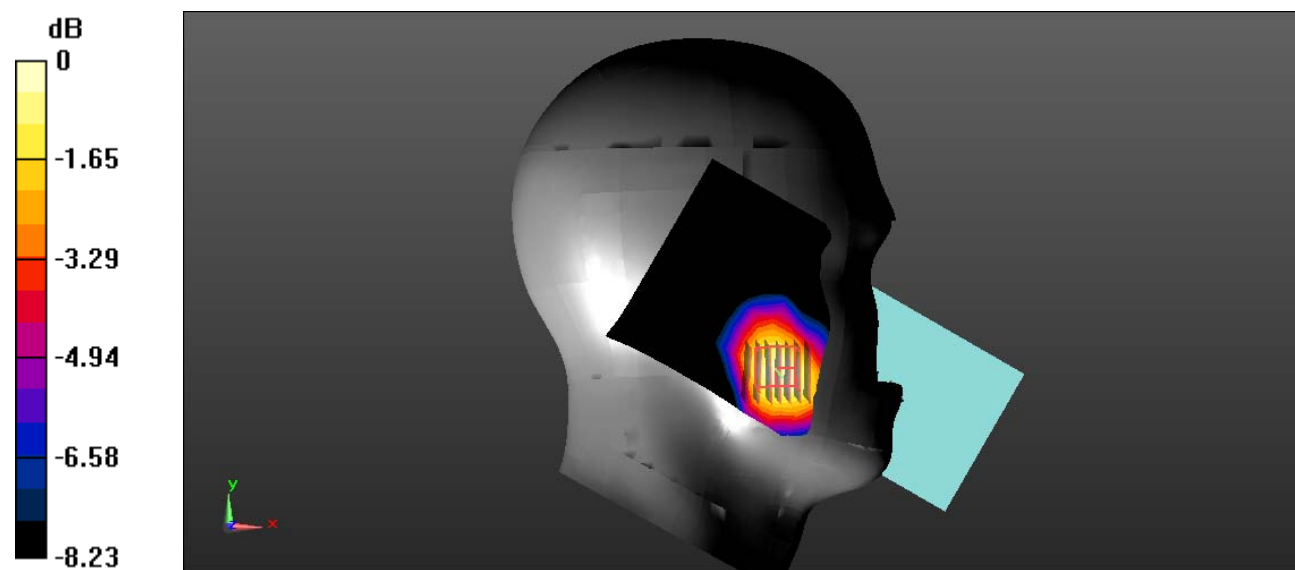
Peak SAR (extrapolated) = 0.326 W/kg

SAR(1 g) = 0.183 W/kg; SAR(10 g) = 0.109 W/kg

Smallest distance from peaks to all points 3 dB below = 17.5 mm

Ratio of SAR at M2 to SAR at M1 = 57.3%

Maximum value of SAR (measured) = 0.221 W/kg



0 dB = 0.221 W/kg = -6.56 dBW/kg

Test Plot 32#: LTE Band 38 1RB Low**DUT: Smart Phone; Type: KINGKONG ES 5; Serial: 3I2K-1**

Communication System: UID 0, Generic TDD-LTE (0); Frequency: 2580 MHz; Duty Cycle: 1:1.58

Medium parameters used: $f = 2580$ MHz; $\sigma = 1.884$ S/m; $\epsilon_r = 39.599$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(7, 7, 7) @ 2580 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Body Back/LTE Band 38 1RB Low/Area Scan (10x18x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.58 W/kg

Body Back/LTE Band 38 1RB Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.199 V/m; Power Drift = 0.18 dB

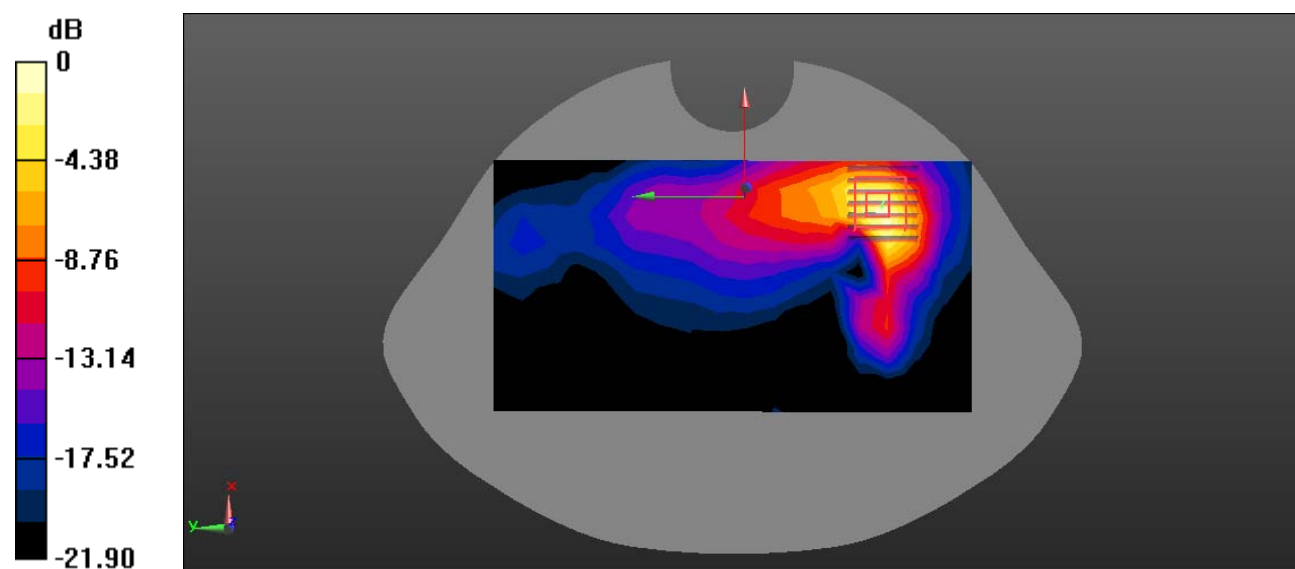
Peak SAR (extrapolated) = 2.89 W/kg

SAR(1 g) = 1.26 W/kg; SAR(10 g) = 0.535 W/kg

Smallest distance from peaks to all points 3 dB below = 7.6 mm

Ratio of SAR at M2 to SAR at M1 = 47.1%

Maximum value of SAR (measured) = 1.71 W/kg



0 dB = 1.71 W/kg = 2.33 dBW/kg

Test Plot 33#: LTE Band 38 1RB Low**DUT: Smart Phone; Type: KINGKONG ES 5; Serial: 3I2K-1**

Communication System: UID 0, Generic TDD-LTE (0); Frequency: 2580 MHz; Duty Cycle: 1:1.58

Medium parameters used: $f = 2580$ MHz; $\sigma = 1.884$ S/m; $\epsilon_r = 39.599$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(7, 7, 7) @ 2580 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Limb Back/LTE Band 38 1RB Low/Area Scan (10x18x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 5.55 W/kg

Limb Back/LTE Band 38 1RB Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.443 V/m; Power Drift = -0.18 dB

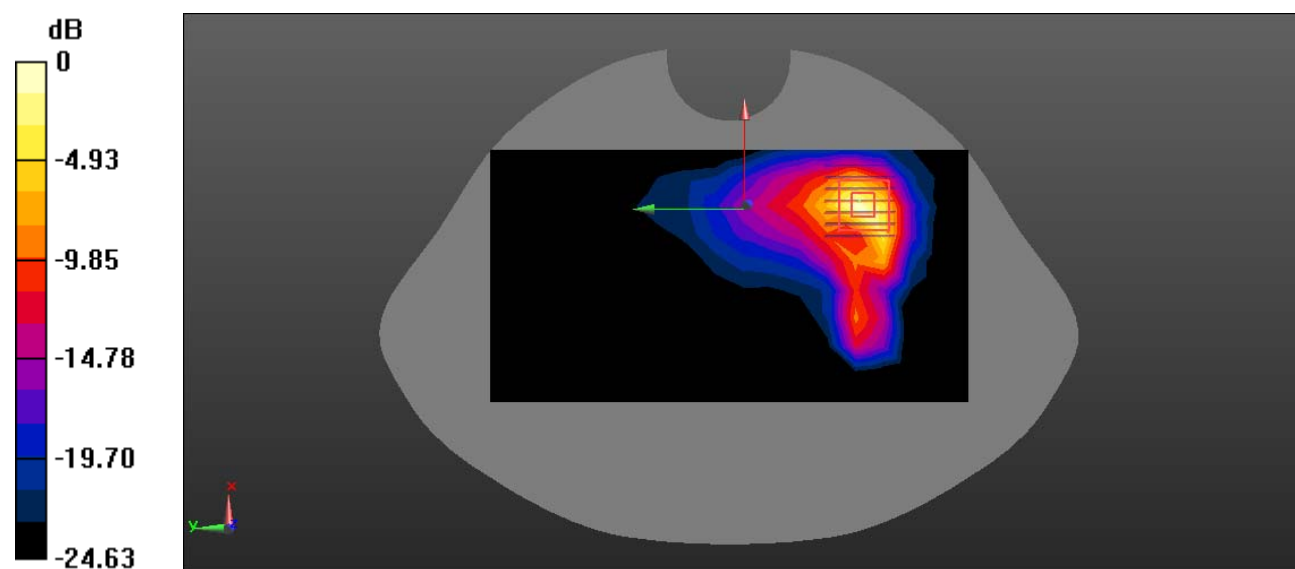
Peak SAR (extrapolated) = 13.3 W/kg

SAR(1 g) = 4.04 W/kg; SAR(10 g) = 1.41 W/kg

Smallest distance from peaks to all points 3 dB below = 5.1 mm

Ratio of SAR at M2 to SAR at M1 = 38.7%

Maximum value of SAR (measured) = 5.85 W/kg



0 dB = 5.85 W/kg = 7.67 dBW/kg

Test Plot 34#: LTE Band 40 1RB High**DUT: Smart Phone; Type: KINGKONG ES 5; Serial: 3I2K-1**

Communication System: UID 0, Generic TDD-LTE (0); Frequency: 2390 MHz; Duty Cycle: 1:1.58

Medium parameters used: $f = 2390$ MHz; $\sigma = 1.709$ S/m; $\epsilon_r = 39.806$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(7.4, 7.4, 7.4) @ 2390 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Head Left Cheek/LTE Band 40 1RB High/Area Scan (10x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0977 W/kg

Head Left Cheek/LTE Band 40 1RB High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.725 V/m; Power Drift = 0.06 dB

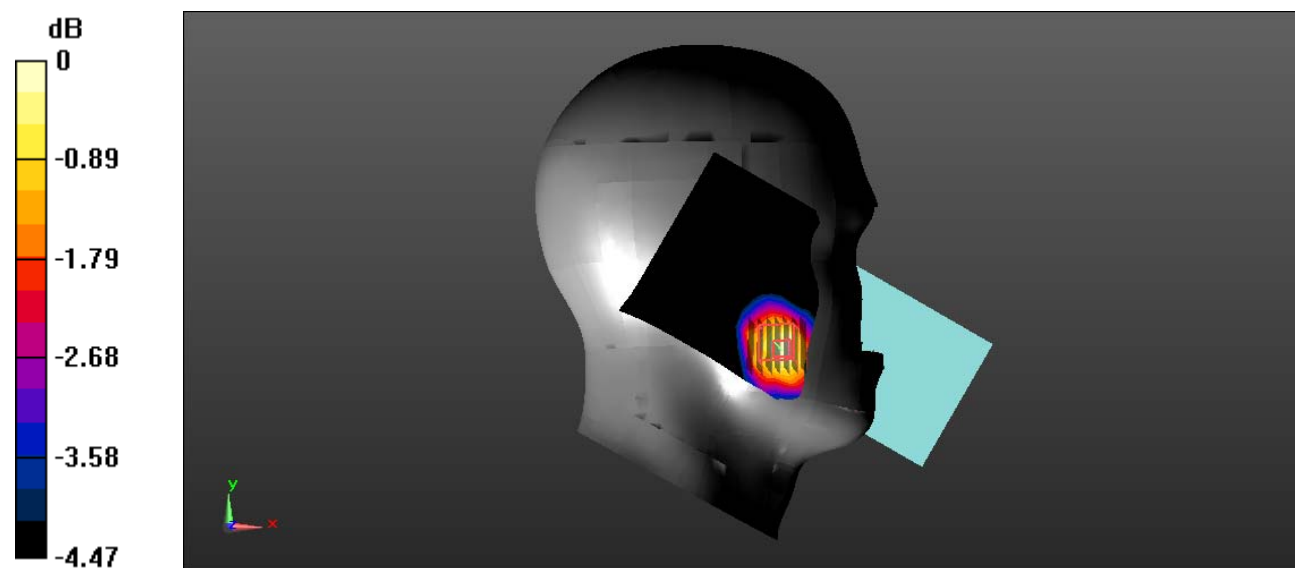
Peak SAR (extrapolated) = 0.133 W/kg

SAR(1 g) = 0.077 W/kg; SAR(10 g) = 0.046 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 15 mm)

Ratio of SAR at M2 to SAR at M1 = 58.3%

Maximum value of SAR (measured) = 0.0941 W/kg



0 dB = 0.0941 W/kg = -10.26 dBW/kg

Test Plot 35#: LTE Band 40 1RB High**DUT: Smart Phone; Type: KINGKONG ES 5; Serial: 3I2K-1**

Communication System: UID 0, Generic TDD-LTE (0); Frequency: 2390 MHz; Duty Cycle: 1:1.58

Medium parameters used: $f = 2390$ MHz; $\sigma = 1.709$ S/m; $\epsilon_r = 39.806$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(7.4, 7.4, 7.4) @ 2390 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Body Back/LTE Band 40 1RB High/Area Scan (10x18x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.802 W/kg

Body Back/LTE Band 40 1RB High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.782 V/m; Power Drift = -0.11 dB

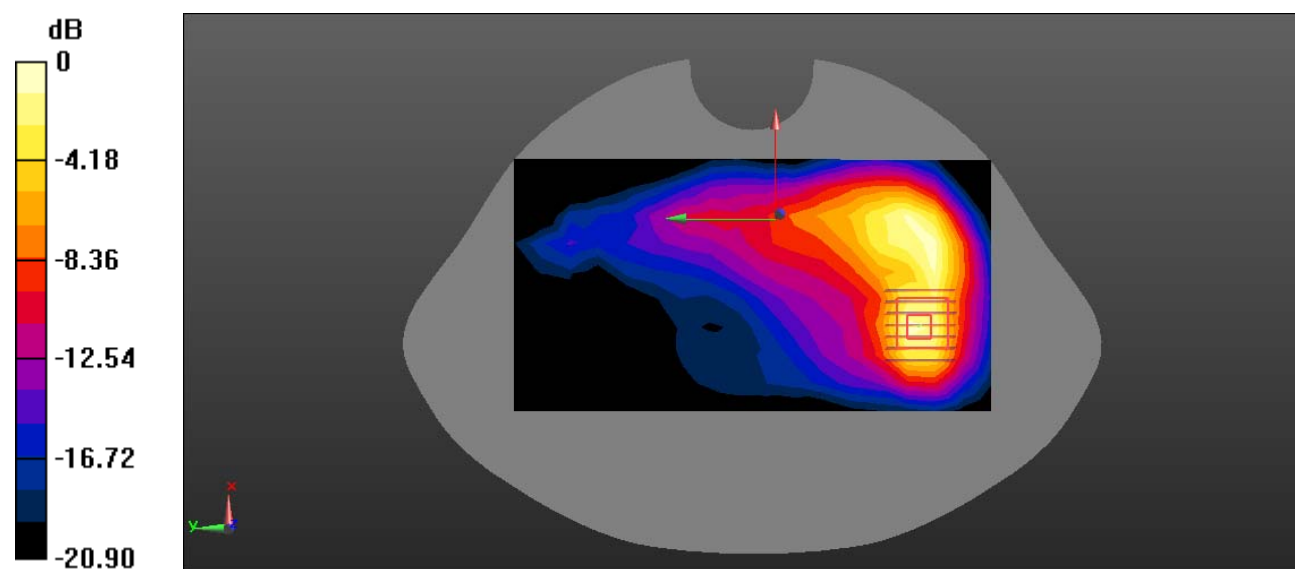
Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 0.728 W/kg; SAR(10 g) = 0.343 W/kg

Smallest distance from peaks to all points 3 dB below = 9.2 mm

Ratio of SAR at M2 to SAR at M1 = 50.6%

Maximum value of SAR (measured) = 0.961 W/kg



0 dB = 0.961 W/kg = -0.17 dBW/kg

Test Plot 36#: LTE Band 40 1RB High**DUT: Smart Phone; Type: KINGKONG ES 5; Serial: 3I2K-1**

Communication System: UID 0, Generic TDD-LTE (0); Frequency: 2390 MHz; Duty Cycle: 1:1.58

Medium parameters used: $f = 2390$ MHz; $\sigma = 1.709$ S/m; $\epsilon_r = 39.806$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(7.4, 7.4, 7.4) @ 2390 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Limb Back/LTE Band 40 1RB High/Area Scan (10x18x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 2.99 W/kg

Limb Back/LTE Band 40 1RB High/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.250 V/m; Power Drift = 0.16 dB

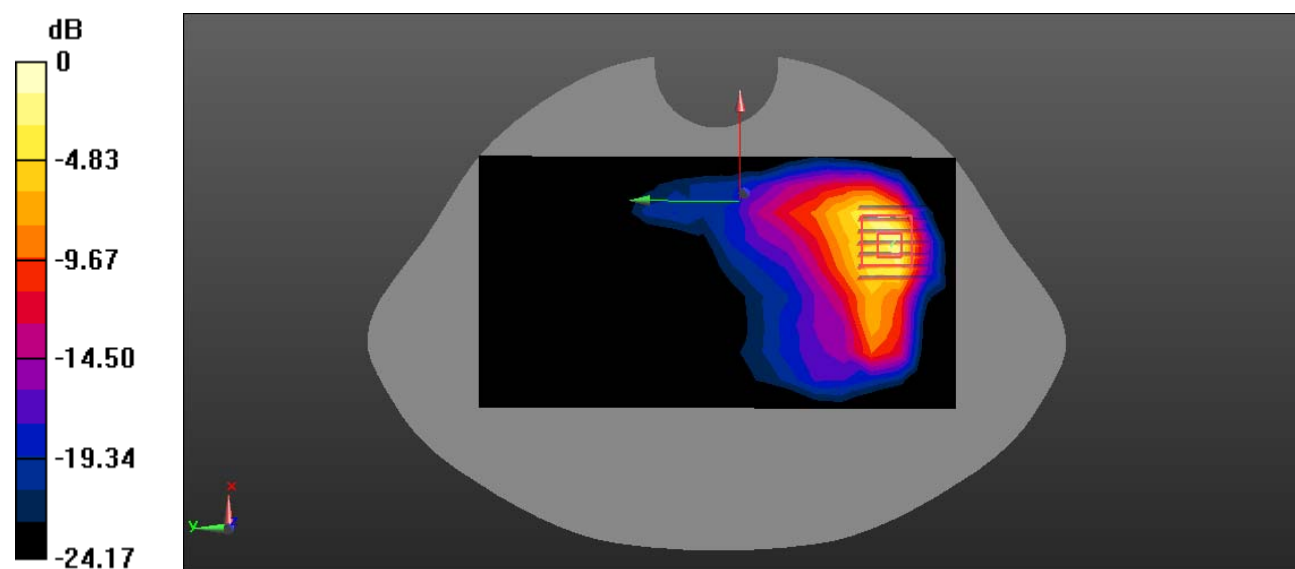
Peak SAR (extrapolated) = 10.1 W/kg

SAR(1 g) = 3.14 W/kg; SAR(10 g) = 1.29 W/kg

Smallest distance from peaks to all points 3 dB below = 6 mm

Ratio of SAR at M2 to SAR at M1 = 40.4%

Maximum value of SAR (measured) = 4.60 W/kg



0 dB = 4.60 W/kg = 6.63 dBW/kg

Test Plot 37#: 2.4G WiFi Low**DUT: Smart Phone; Type: KINGKONG ES 5; Serial: 3I2K-1**

Communication System: UID 0, 802.11 b (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.779 \text{ S/m}$; $\epsilon_r = 39.145$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(7.15, 7.15, 7.15) @ 2412 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Head Left Cheek/2.4G WiFi Low/Area Scan (10x11x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 1.41 W/kg

Head Left Cheek/2.4G WiFi Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 13.90 V/m; Power Drift = -0.19 dB

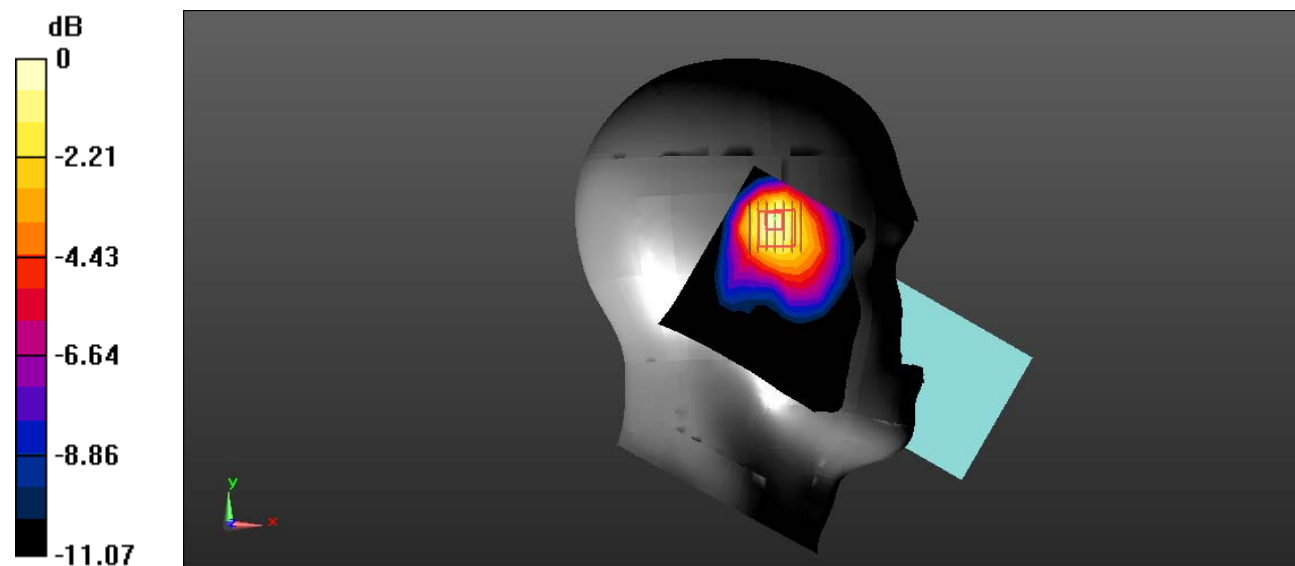
Peak SAR (extrapolated) = 2.18 W/kg

SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.650 W/kg

Smallest distance from peaks to all points 3 dB below = 12.1 mm

Ratio of SAR at M2 to SAR at M1 = 52.9%

Maximum value of SAR (measured) = 1.42 W/kg



0 dB = 1.42 W/kg = 1.52 dBW/kg

Test Plot 38#: 2.4G WiFi Low**DUT: Smart Phone; Type: KINGKONG ES 5; Serial: 3I2K-1**

Communication System: UID 0, 802.11 b (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.779 \text{ S/m}$; $\epsilon_r = 39.145$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(7.15, 7.15, 7.15) @ 2412 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Body Back/2.4G WiFi Low/Area Scan (10x18x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 0.889 W/kg

Body Back/2.4G WiFi Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.953 V/m; Power Drift = -0.02 dB

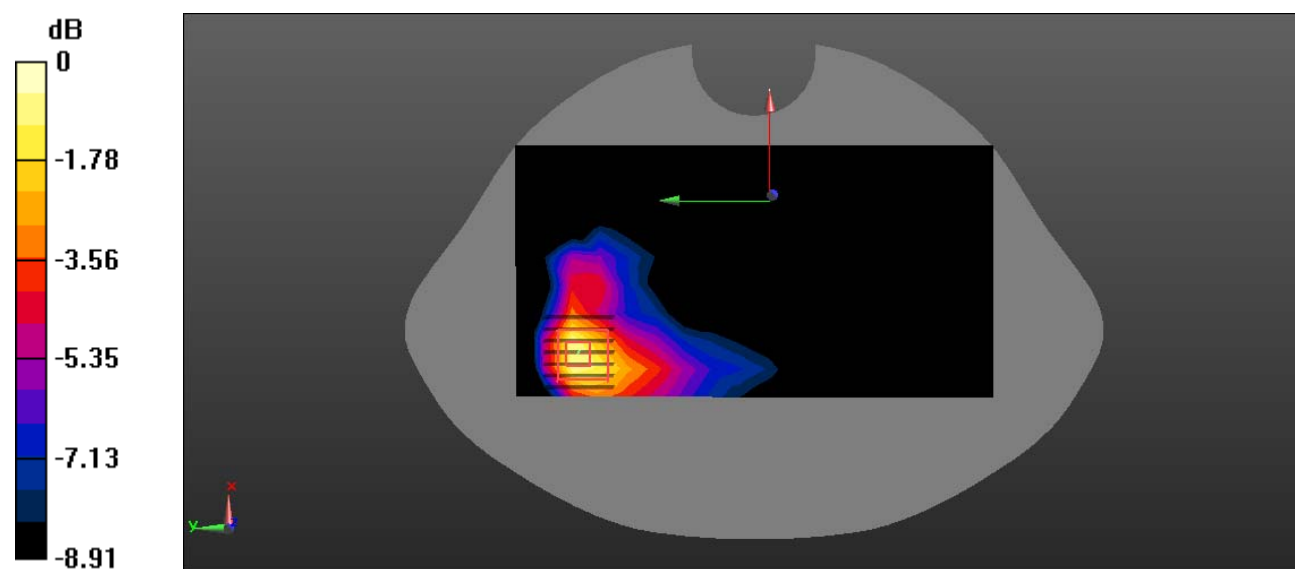
Peak SAR (extrapolated) = 1.81 W/kg

SAR(1 g) = 0.773 W/kg; SAR(10 g) = 0.372 W/kg

Smallest distance from peaks to all points 3 dB below = 12 mm

Ratio of SAR at M2 to SAR at M1 = 43.5%

Maximum value of SAR (measured) = 1.02 W/kg



0 dB = 1.02 W/kg = 0.09 dBW/kg

Test Plot 39#: 2.4G WiFi Low**DUT: Smart Phone; Type: KINGKONG ES 5; Serial: 3I2K-1**

Communication System: UID 0, 802.11 b (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.779 \text{ S/m}$; $\epsilon_r = 39.145$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(7.15, 7.15, 7.15) @ 2412 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Limb Back/2.4G WiFi Low/Area Scan (10x18x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 2.05 W/kg

Limb Back/2.4G WiFi Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.709 V/m; Power Drift = 0.17 dB

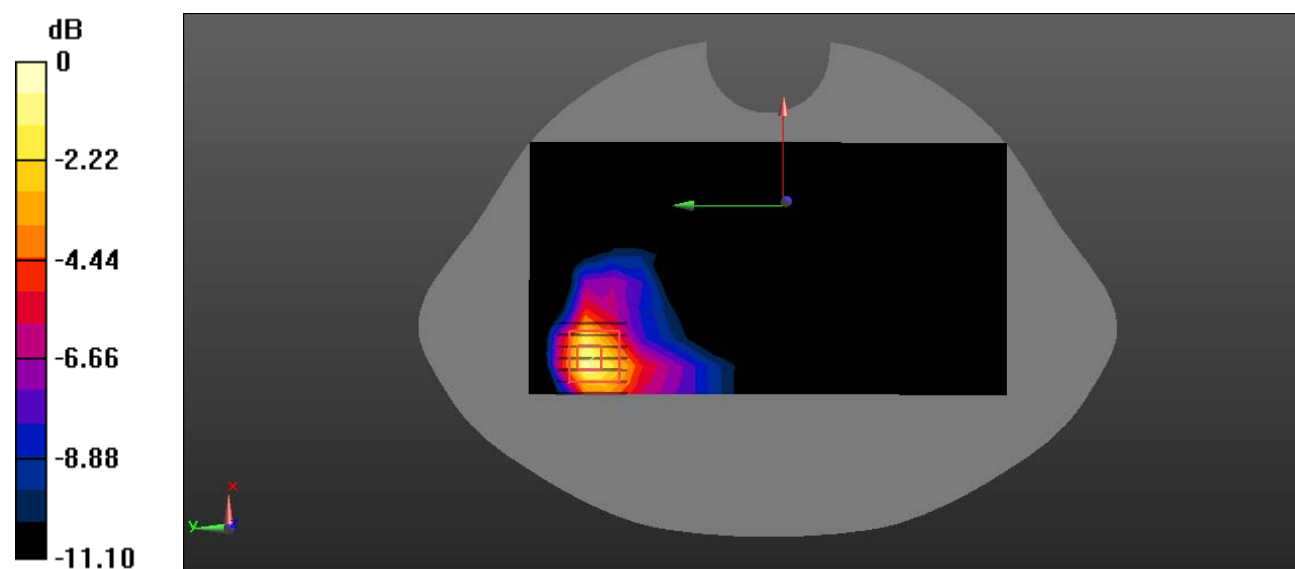
Peak SAR (extrapolated) = 4.43 W/kg

SAR(1 g) = 1.65 W/kg; SAR(10 g) = 0.733 W/kg

Smallest distance from peaks to all points 3 dB below = 10 mm

Ratio of SAR at M2 to SAR at M1 = 40%

Maximum value of SAR (measured) = 2.25 W/kg



0 dB = 2.25 W/kg = 3.52 dBW/kg

Plot 40#: 5.2G WIFI High**DUT: Smart Phone; Type: KINGKONG ES 5; Serial: 3I2K-1**

Communication System: UID 0, 802.11 ac40 (0); Frequency: 5230 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5230$ MHz; $\sigma = 4.696$ S/m; $\epsilon_r = 36.829$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(5.11, 5.11, 5.11) @ 5230 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Head Left Tilt/5.2G WIFI High/Area Scan (13x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.19 W/kg

Head Left Tilt/5.2G WIFI High/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.654 V/m; Power Drift = 0.13 dB

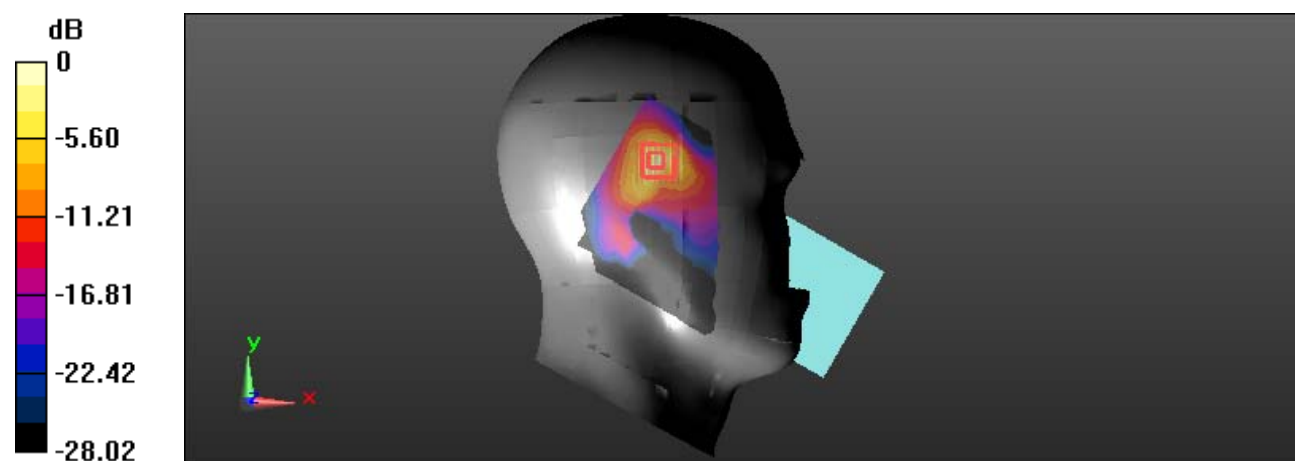
Peak SAR (extrapolated) = 4.96 W/kg

SAR(1 g) = 1.2 W/kg; SAR(10 g) = 0.398 W/kg

Smallest distance from peaks to all points 3 dB below = 6.3 mm

Ratio of SAR at M2 to SAR at M1 = 53.2%

Maximum value of SAR (measured) = 2.80 W/kg



0 dB = 2.80 W/kg = 4.47 dBW/kg

Plot 41#: 5.2G WIFI a High**DUT: Smart Phone; Type: KINGKONG ES 5; Serial: 3I2K-1**

Communication System: UID 0, 802.11 ac40 (0); Frequency: 5230 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 5230$ MHz; $\sigma = 4.696$ S/m; $\epsilon_r = 36.829$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(5.11, 5.11, 5.11) @ 5230 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Body Back/5.2G WIFI High/Area Scan (12x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 4.20 W/kg

Body Back/5.2G WIFI High/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

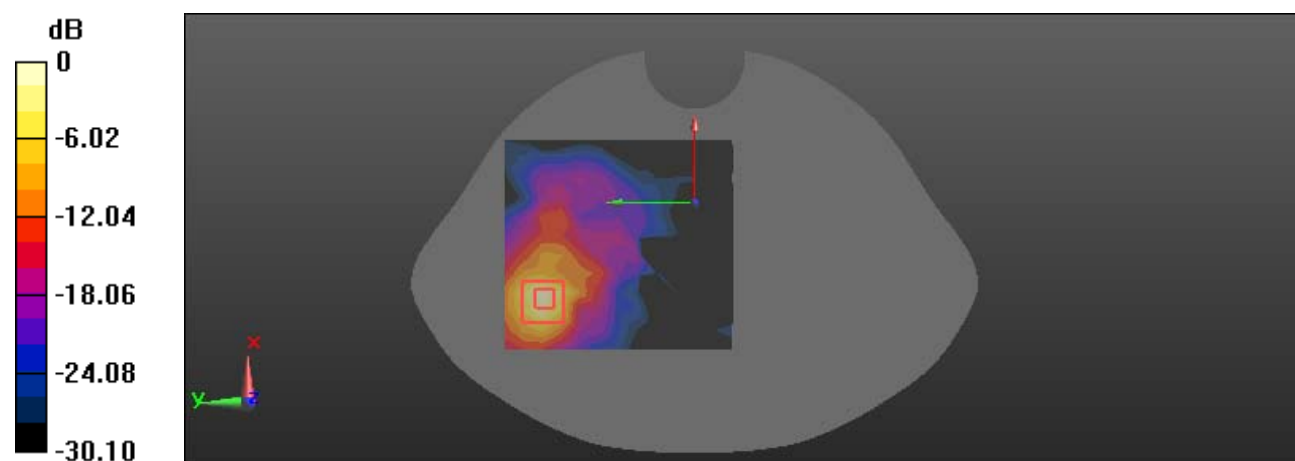
Peak SAR (extrapolated) = 6.48 W/kg

SAR(1 g) = 1.94 W/kg; SAR(10 g) = 0.615 W/kg

Smallest distance from peaks to all points 3 dB below = 6.1 mm

Ratio of SAR at M2 to SAR at M1 = 59.9%

Maximum value of SAR (measured) = 4.35 W/kg



0 dB = 4.35 W/kg = 6.38 dBW/kg

Plot 42#: 5.2G WIFI a High**DUT: Smart Phone; Type: KINGKONG ES 5; Serial: 3I2K-1**

Communication System: UID 0, 802.11 ac40 (0); Frequency: 5230 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5230$ MHz; $\sigma = 4.696$ S/m; $\epsilon_r = 36.829$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(5.11, 5.11, 5.11) @ 5230 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Limb Back/5.2G WIFI High/Area Scan (12x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 5.51 W/kg

Limb Back/5.2G WIFI High/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

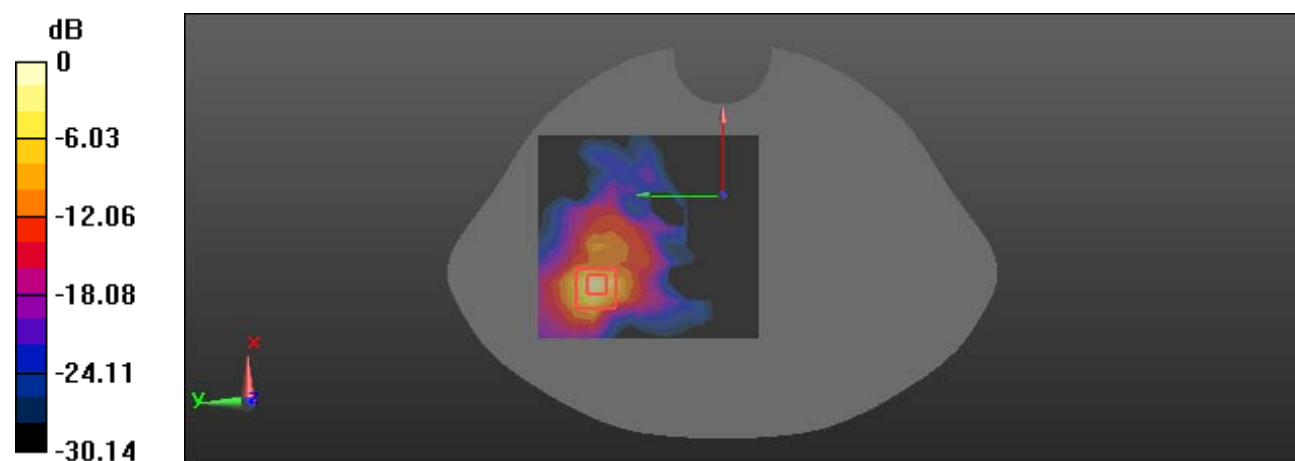
Peak SAR (extrapolated) = 9.02 W/kg

SAR(1 g) = 2.38 W/kg; SAR(10 g) = 0.670 W/kg

Smallest distance from peaks to all points 3 dB below = 4.9 mm

Ratio of SAR at M2 to SAR at M1 = 59.9%

Maximum value of SAR (measured) = 5.81 W/kg



0 dB = 5.81 W/kg = 7.64 dBW/kg

Plot 43#: 5.3G WIFI High**DUT: Smart Phone; Type: KINGKONG ES 5; Serial: 3I2K-1**

Communication System: UID 0, 802.11 a (0); Frequency: 5320 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5320$ MHz; $\sigma = 4.869$ S/m; $\epsilon_r = 36.161$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(5.11, 5.11, 5.11) @ 5320 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Head Left Tilt/5.3G WIFI High/Area Scan (13x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.09 W/kg

Head Left Tilt/5.3G WIFI High/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.356 V/m; Power Drift = 0.18 dB

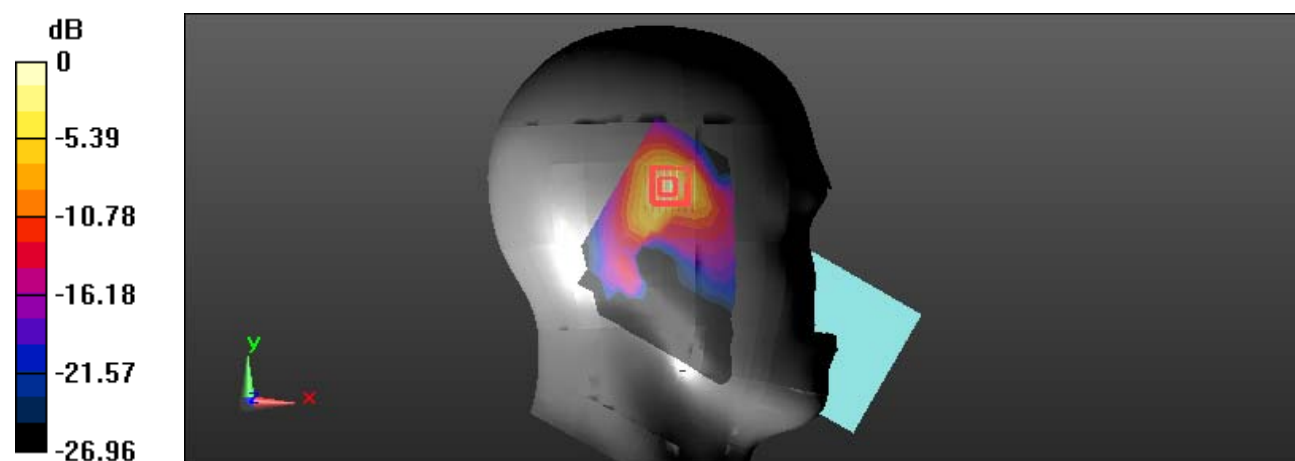
Peak SAR (extrapolated) = 3.97 W/kg

SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.383 W/kg

Smallest distance from peaks to all points 3 dB below = 7.4 mm

Ratio of SAR at M2 to SAR at M1 = 57.8%

Maximum value of SAR (measured) = 2.46 W/kg



0 dB = 2.46 W/kg = 3.91 dBW/kg

Plot 44#: 5.3G WIFI High**DUT: Smart Phone; Type: KINGKONG ES 5; Serial: 3I2K-1**

Communication System: UID 0, 802.11 a (0); Frequency: 5320 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5320$ MHz; $\sigma = 4.869$ S/m; $\epsilon_r = 36.161$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(5.11, 5.11, 5.11) @ 5320 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Body Back/5.3G WIFI High/Area Scan (12x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.92 W/kg

Body Back/5.3G WIFI High/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

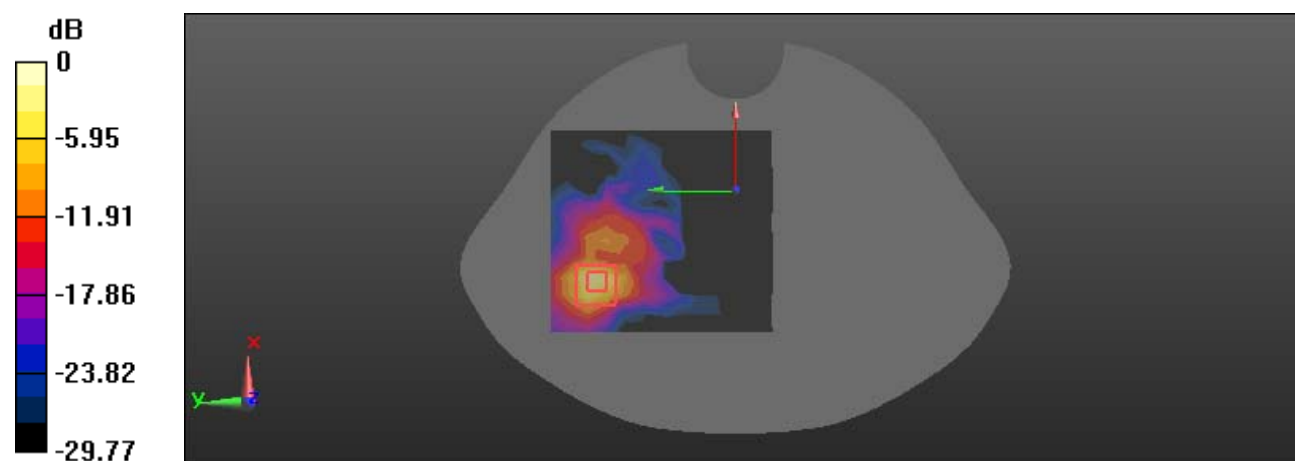
Peak SAR (extrapolated) = 6.45 W/kg

SAR(1 g) = 1.7 W/kg; SAR(10 g) = 0.473 W/kg

Smallest distance from peaks to all points 3 dB below = 5.4 mm

Ratio of SAR at M2 to SAR at M1 = 59.2%

Maximum value of SAR (measured) = 4.26 W/kg



0 dB = 4.26 W/kg = 6.29 dBW/kg

Plot 45#: 5.3G WIFI High**DUT: Smart Phone; Type: KINGKONG ES 5; Serial: 3I2K-1**

Communication System: UID 0, 802.11 a (0); Frequency: 5320 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5320$ MHz; $\sigma = 4.869$ S/m; $\epsilon_r = 36.161$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(5.11, 5.11, 5.11) @ 5320 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Limb Back/5.3G WIFI High/Area Scan (12x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 3.09 W/kg

Limb Back/5.3G WIFI High/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.19 dB

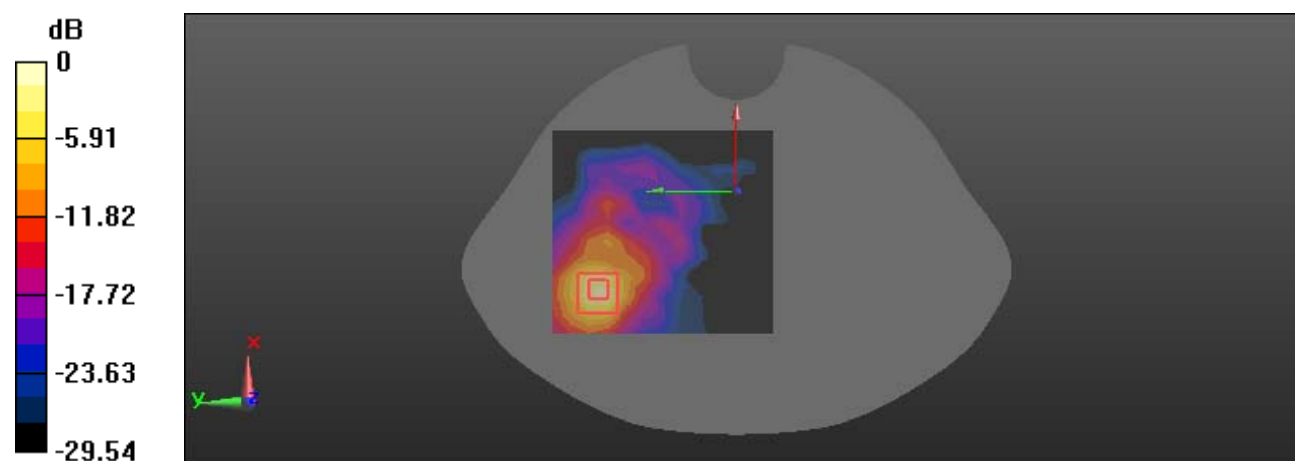
Peak SAR (extrapolated) = 6.81 W/kg

SAR(1 g) = 1.97 W/kg; SAR(10 g) = 0.628 W/kg

Smallest distance from peaks to all points 3 dB below = 6.1 mm

Ratio of SAR at M2 to SAR at M1 = 59.5%

Maximum value of SAR (measured) = 4.32 W/kg



0 dB = 4.32 W/kg = 6.35 dBW/kg

Plot 46#: 5.6G WIFI Low**DUT: Smart Phone; Type: KINGKONG ES 5; Serial: 3I2K-1**

Communication System: UID 0, 802.11 a (0); Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5500$ MHz; $\sigma = 4.926$ S/m; $\epsilon_r = 36.288$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(4.51, 4.51, 4.51) @ 5500 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Head Left Tilt/5.6G WIFI Low/Area Scan (13x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.50 W/kg

Head Left Tilt/5.6G WIFI Low/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.060 V/m; Power Drift = 0.12 dB

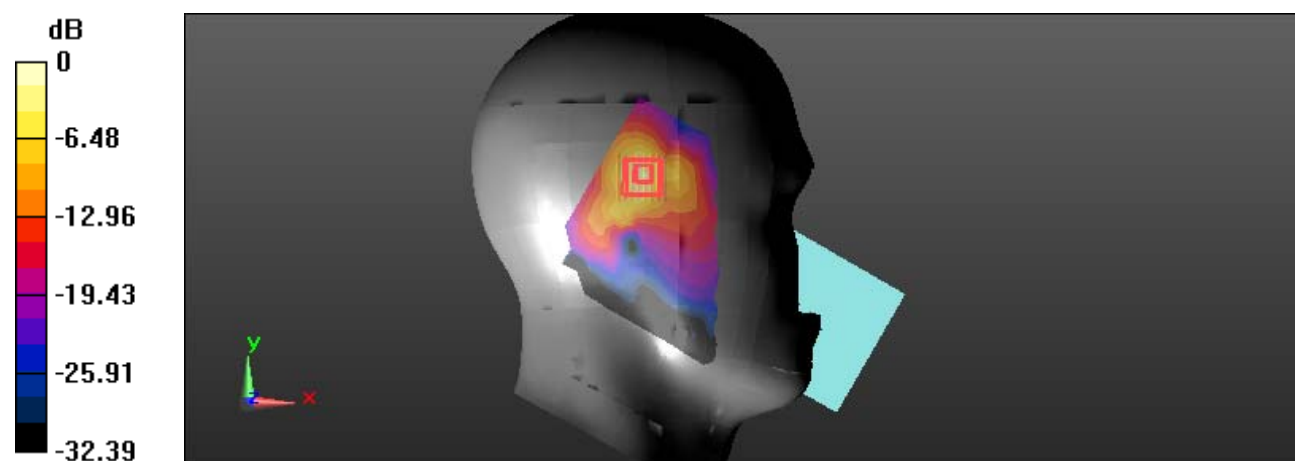
Peak SAR (extrapolated) = 3.07 W/kg

SAR(1 g) = 0.811 W/kg; SAR(10 g) = 0.253 W/kg

Smallest distance from peaks to all points 3 dB below = 6.1 mm

Ratio of SAR at M2 to SAR at M1 = 56.1%

Maximum value of SAR (measured) = 1.90 W/kg



0 dB = 1.90 W/kg = 2.79 dBW/kg

Plot 47#: 5.6G WIFI Low**DUT: Smart Phone; Type: KINGKONG ES 5; Serial: 3I2K-1**

Communication System: UID 0, 802.11 a (0); Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5500$ MHz; $\sigma = 4.926$ S/m; $\epsilon_r = 36.288$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(4.51, 4.51, 4.51) @ 5500 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Body Back/5.6G WIFI Low/Area Scan (12x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.02 W/kg

Body Back/5.6G WIFI Low/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.09 dB

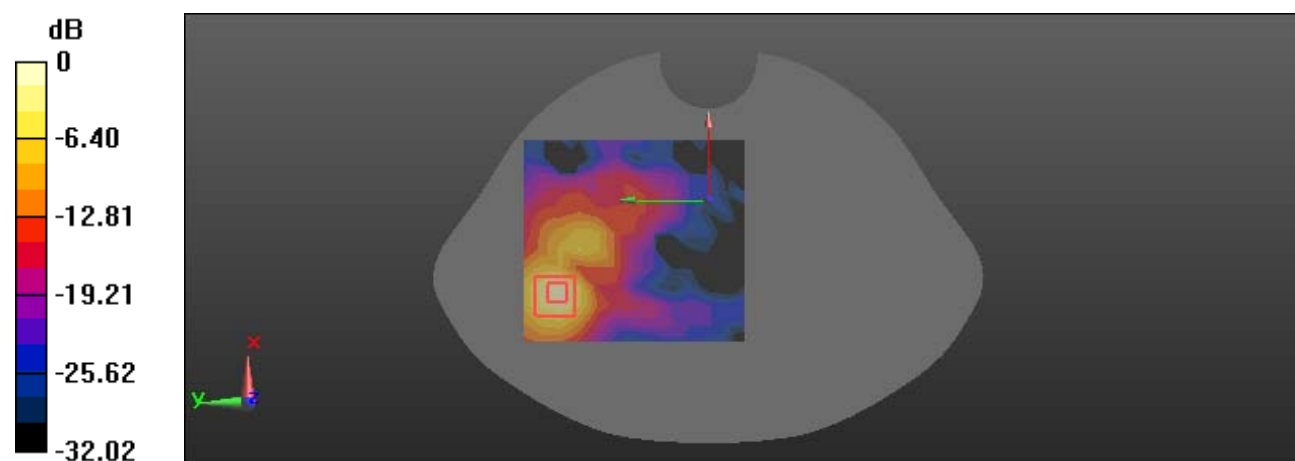
Peak SAR (extrapolated) = 3.46 W/kg

SAR(1 g) = 0.989 W/kg; SAR(10 g) = 0.332 W/kg

Smallest distance from peaks to all points 3 dB below = 7.6 mm

Ratio of SAR at M2 to SAR at M1 = 57.8%

Maximum value of SAR (measured) = 2.17 W/kg



0 dB = 2.17 W/kg = 3.36 dBW/kg

Plot 48#: 5.6G WIFI Low**DUT: Smart Phone; Type: KINGKONG ES 5; Serial: 3I2K-1**

Communication System: UID 0, 802.11 a (0); Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5500$ MHz; $\sigma = 4.926$ S/m; $\epsilon_r = 36.288$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(4.51, 4.51, 4.51) @ 5500 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Limb Back/5.6G WIFI Low/Area Scan (12x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 5.79 W/kg

Limb Back/5.6G WIFI Low/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.16 dB

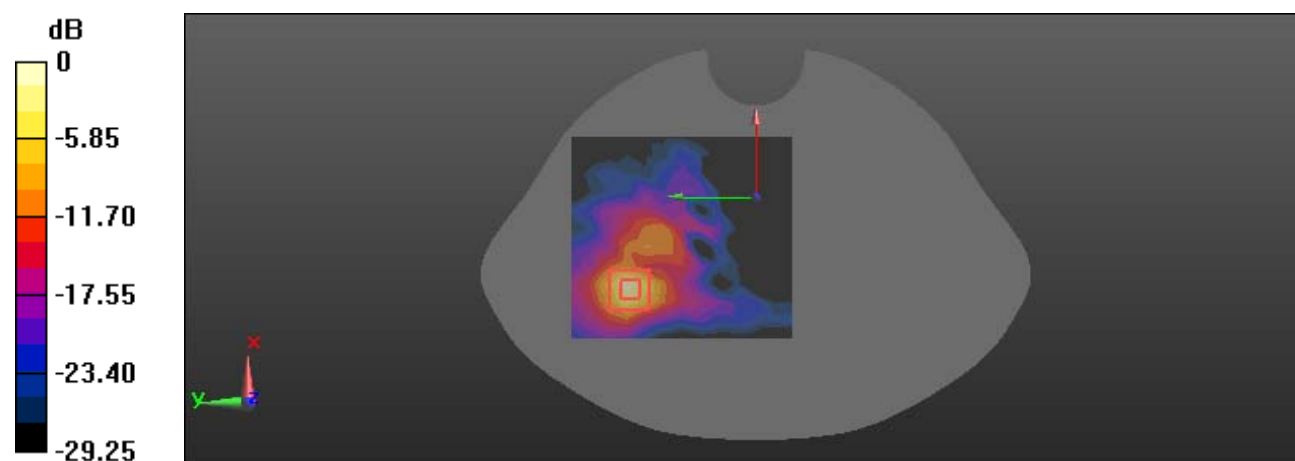
Peak SAR (extrapolated) = 10.1 W/kg

SAR(1 g) = 2.57 W/kg; SAR(10 g) = 0.710 W/kg

Smallest distance from peaks to all points 3 dB below = 5.1 mm

Ratio of SAR at M2 to SAR at M1 = 57.1%

Maximum value of SAR (measured) = 6.28 W/kg



Plot 49#: 5.8G WIFI Low**DUT: Smart Phone; Type: KINGKONG ES 5; Serial: 3I2K-1**

Communication System: UID 0, 802.11 ac20 (0); Frequency: 5745 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 5.185 \text{ S/m}$; $\epsilon_r = 35.768$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(4.61, 4.61, 4.61) @ 5745 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Head Left Cheek/5.8G WIFI Low/Area Scan (13x13x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.78 W/kg

Head Left Cheek/5.8G WIFI Low/Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 0 V/m; Power Drift = 0.17 dB

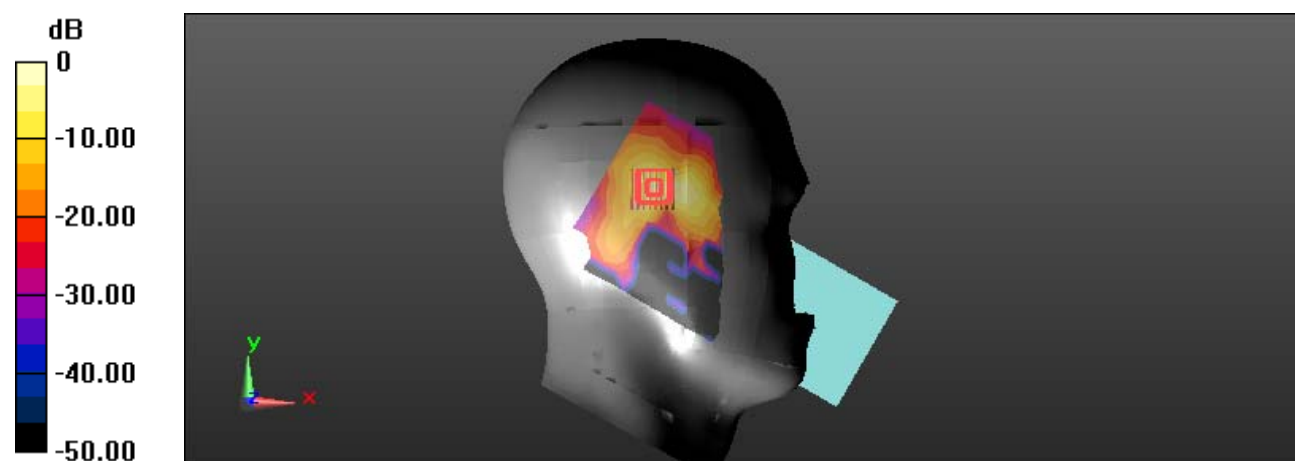
Peak SAR (extrapolated) = 3.46 W/kg

SAR(1 g) = 0.814 W/kg; SAR(10 g) = 0.202 W/kg

Smallest distance from peaks to all points 3 dB below = 6.1 mm

Ratio of SAR at M2 to SAR at M1 = 55.6%

Maximum value of SAR (measured) = 2.05 W/kg



0 dB = 2.05 W/kg = 3.12 dBW/kg

Plot 50#: 5.8G WIFI Low**DUT: Smart Phone; Type: KINGKONG ES 5; Serial: 3I2K-1**

Communication System: UID 0, 802.11 ac20 (0); Frequency: 5745 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 5.185 \text{ S/m}$; $\epsilon_r = 35.768$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(4.61, 4.61, 4.61) @ 5745 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Body Back/5.8G WIFI Low/Area Scan (12x13x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 2.31 W/kg

Body Back/5.8G WIFI Low/Zoom Scan (8x8x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 0 V/m; Power Drift = 0.00 dB

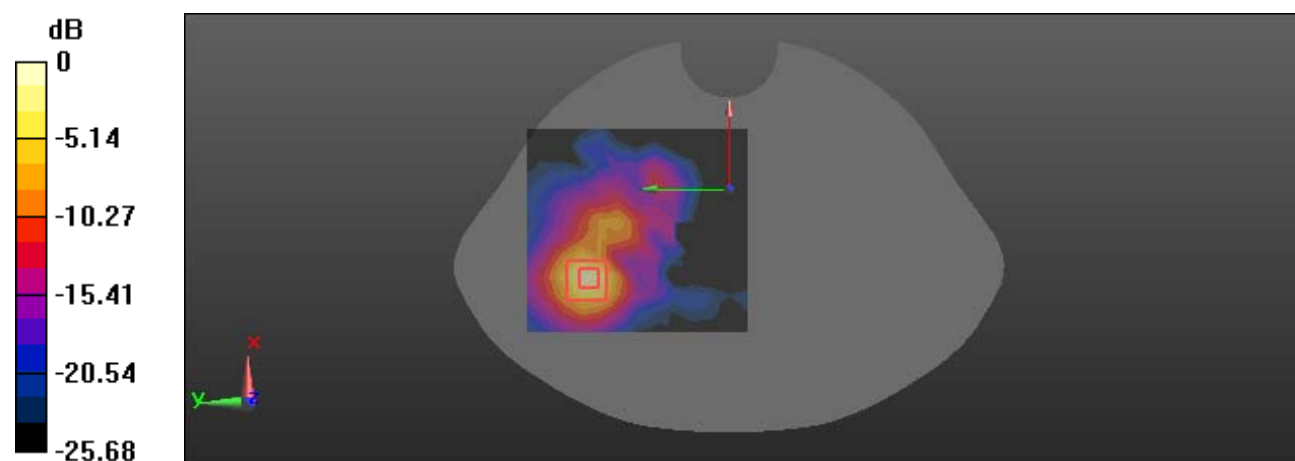
Peak SAR (extrapolated) = 4.25 W/kg

SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.352 W/kg

Smallest distance from peaks to all points 3 dB below = 7.6 mm

Ratio of SAR at M2 to SAR at M1 = 55.6%

Maximum value of SAR (measured) = 2.61 W/kg



0 dB = 2.61 W/kg = 4.17 dBW/kg

Plot 51#: 5.8G WIFI Low**DUT: Smart Phone; Type: KINGKONG ES 5; Serial: 3I2K-1**

Communication System: UID 0, 802.11 ac20 (0); Frequency: 5745 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5745$ MHz; $\sigma = 5.185$ S/m; $\epsilon_r = 35.768$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7896; ConvF(4.61, 4.61, 4.61) @ 5745 MHz; Calibrated: 2025/12/11
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1325; Calibrated: 2025/9/28
- Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Limb Back/5.8G WIFI Low/Area Scan (12x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 4.98 W/kg

Limb Back/5.8G WIFI Low/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

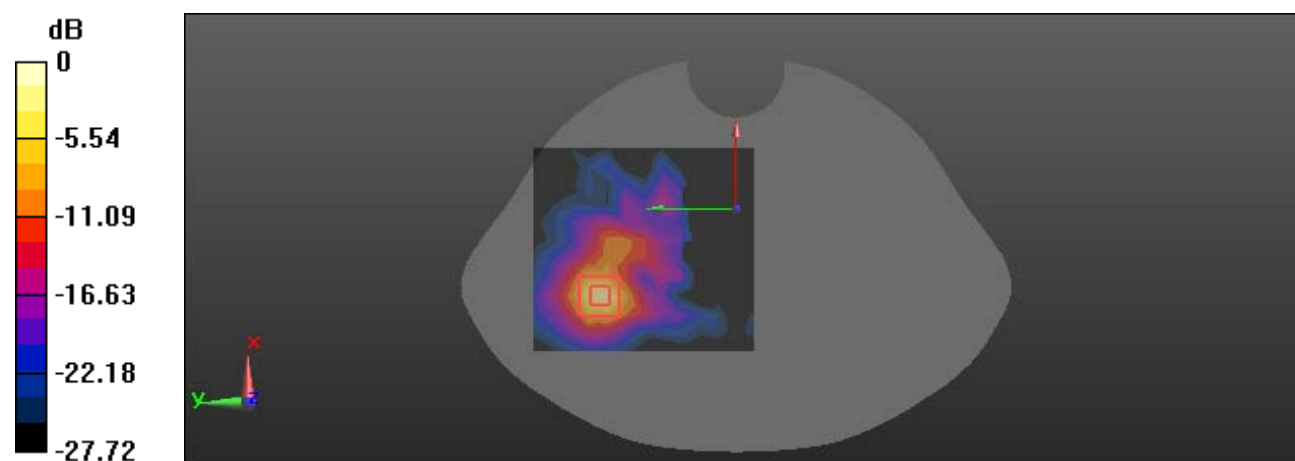
Peak SAR (extrapolated) = 10.1 W/kg

SAR(1 g) = 2.37 W/kg; SAR(10 g) = 0.640 W/kg

Smallest distance from peaks to all points 3 dB below = 5.4 mm

Ratio of SAR at M2 to SAR at M1 = 56.3%

Maximum value of SAR (measured) = 5.66 W/kg



0 dB = 5.66 W/kg = 7.53 dBW/kg

APPENDIX A MEASUREMENT UNCERTAINTY

The uncertainty budget has been determined for the measurement system and is given in the following Table.

Measurement uncertainty evaluation for EN 62209-1:2016 SAR test

| Source of uncertainty | Tolerance/ uncertainty ± % | Probability distribution | Divisor | ci (1 g) | ci (10 g) | Standard uncertainty ± %, (1 g) | Standard uncertainty ± %, (10 g) |
|---|----------------------------------|-----------------------------|------------|-------------|--------------|---------------------------------------|--|
| Measurement system | | | | | | | |
| System calibration | 6.55 | N | 1 | 0 | 0 | 6.55 | 6.55 |
| Isotropy | 4.7 | R | $\sqrt{3}$ | 1 | 1 | 2.7 | 2.7 |
| Boundary effect | 9.6 | R | $\sqrt{3}$ | 1 | 1 | 0.0 | 0.0 |
| Linearity | 1.0 | R | $\sqrt{3}$ | 1 | 1 | 0.6 | 0.6 |
| Linearity | 4.7 | R | $\sqrt{3}$ | 1 | 1 | 2.7 | 2.7 |
| System detection limits | 1.0 | R | $\sqrt{3}$ | 1 | 1 | 0.6 | 0.6 |
| Modulation response | 0.3 | R | 1 | 0 | 0 | 0.3 | 0.3 |
| Readout electronics | 0.0 | N | $\sqrt{3}$ | 0 | 0 | 0.0 | 0.0 |
| Response time | 0.0 | R | $\sqrt{3}$ | 1 | 1 | 0.0 | 0.0 |
| Integration time | 1.0 | R | $\sqrt{3}$ | 1 | 1 | 0.6 | 0.6 |
| RF ambient conditions – noise | 1.0 | R | $\sqrt{3}$ | 0 | 0 | 0.6 | 0.6 |
| RF ambient conditions – reflections | 0.8 | R | $\sqrt{3}$ | 1 | 1 | 0.5 | 0.5 |
| Sensor positioning uncertainty | 6.7 | R | $\sqrt{3}$ | 1 | 1 | 3.9 | 3.9 |
| Sensor location sensitivity | 2.0 | R | $\sqrt{3}$ | 1 | 1 | 1.2 | 1.2 |
| Spatial resolution, x-direction | 4.0 | R | $\sqrt{3}$ | 1 | 1 | 0.0 | 0.0 |
| Spatial resolution, y-direction | 3.0 | R | $\sqrt{3}$ | 1 | 1 | 0.0 | 0.0 |
| Post-processing of measurement data | 2.0 | R | $\sqrt{3}$ | 1 | 1 | 1.2 | 1.2 |
| Mutual sensor coupling | 0.6 | R | $\sqrt{3}$ | 1 | 1 | 0.0 | 0.0 |
| Sensor coupling with DUT | 1.5 | R | $\sqrt{3}$ | 1 | 1 | 0.0 | 0.0 |
| Measurement system immunity | 2.0 | R | $\sqrt{3}$ | 1 | 1 | 0.0 | 0.0 |
| Test sample related | | | | | | | |
| Test sample positioning | 2.8 | N | 1 | 1 | 1 | 2.8 | 2.8 |
| Device holder uncertainty | 6.3 | N | 1 | 1 | 1 | 6.3 | 6.3 |
| Output power variation – SAR drift measurement | 4.5 | R | $\sqrt{3}$ | 1 | 1 | 2.6 | 2.6 |
| SAR scaling | 5.0 | R | $\sqrt{3}$ | 0 | 0 | 2.9 | 2.9 |

| Phantom and Tissue Parameters | | | | | | | |
|---|-----|---------|------------|------|------|------|------|
| Phantom shell uncertainty -shape thickness and permittivity | 4.0 | R | $\sqrt{3}$ | 1 | 1 | 2.3 | 2.3 |
| Deviations in phantom shape | 5.0 | R | $\sqrt{3}$ | 1 | 1 | 1.8 | 1.2 |
| Uncertainty in SAR correction for deviations in permittivity and conductivity | 2.5 | N | 1 | 0 | 0 | 1.6 | 1.1 |
| Liquid conductivity measurement | 2.5 | N | 1 | 0 | 0 | 1.6 | 1.1 |
| Liquid permittivity measurement | 2.5 | N | 1 | 0 | 0 | 1.5 | 1.2 |
| Liquid conductivity – temperature uncertainty | 1.7 | R | $\sqrt{3}$ | 0 | 0 | 0.8 | 0.7 |
| Liquid permittivity – temperature uncertainty | 0.3 | R | $\sqrt{3}$ | 0 | 0 | 0.0 | 0.0 |
| Spatial variation in conductivity | 2.0 | R | $\sqrt{3}$ | 0.78 | 0.71 | 1.0 | 1.0 |
| Spatial variation in permittivity | 2.0 | R | $\sqrt{3}$ | 0.23 | 0.26 | 1.0 | 1.0 |
| Combined standard uncertainty | | RSS | | | | 12.2 | 12.0 |
| Expanded uncertainty (95 % CONFIDENCEINTERVAL) | | $k = 2$ | | | | 24.4 | 24.0 |

Measurement uncertainty evaluation for EN62209-2:2010 SAR test

| Source of uncertainty | Tolerance/ uncertainty ± % | Probability distribution | Divisor | ci (1 g) | ci (10 g) | Standard uncertainty ± %, (1 g) | Standard uncertainty ± %, (10 g) |
|--|----------------------------------|-----------------------------|------------|-------------|--------------|---------------------------------------|--|
| Measurement system | | | | | | | |
| Probe calibration | 6.55 | N | 1 | 1 | 1 | 6.6 | 6.6 |
| Axial Isotropy | 4.7 | R | $\sqrt{3}$ | 1 | 1 | 2.7 | 2.7 |
| Hemispherical Isotropy | 9.6 | R | $\sqrt{3}$ | 0 | 0 | 0.0 | 0.0 |
| Linearity | 4.7 | R | $\sqrt{3}$ | 1 | 1 | 2.7 | 2.7 |
| Modulation Response | 0.0 | R | $\sqrt{3}$ | 1 | 1 | 0.0 | 0.0 |
| Detection limits | 1.0 | R | $\sqrt{3}$ | 1 | 1 | 0.6 | 0.6 |
| Boundary effect | 1.0 | R | $\sqrt{3}$ | 1 | 1 | 0.6 | 0.6 |
| Readout electronics | 0.3 | N | 1 | 1 | 1 | 0.3 | 0.3 |
| Response time | 0.0 | R | $\sqrt{3}$ | 1 | 1 | 0.0 | 0.0 |
| Integration time | 0.0 | R | $\sqrt{3}$ | 1 | 1 | 0.0 | 0.0 |
| RF ambient conditions – noise | 1.0 | R | $\sqrt{3}$ | 1 | 1 | 0.6 | 0.6 |
| RF ambient conditions–reflections | 1.0 | R | $\sqrt{3}$ | 1 | 1 | 0.6 | 0.6 |
| Probe positioner mech. Restrictions | 0.8 | R | $\sqrt{3}$ | 1 | 1 | 0.5 | 0.5 |
| Probe positioning with respect to phantom shell | 6.7 | R | $\sqrt{3}$ | 1 | 1 | 3.9 | 3.9 |
| Post-processing | 2.0 | R | $\sqrt{3}$ | 1 | 1 | 1.2 | 1.2 |
| Test sample related | | | | | | | |
| Device holder Uncertainty | 6.3 | N | 1 | 1 | 1 | 6.3 | 6.3 |
| Test sample positioning | 2.8 | N | 1 | 1 | 1 | 2.8 | 2.8 |
| Power scaling | 4.5 | R | $\sqrt{3}$ | 1 | 1 | 2.6 | 2.6 |
| Drift of output power | 5.0 | R | $\sqrt{3}$ | 1 | 1 | 2.9 | 2.9 |
| Phantom and set-up | | | | | | | |
| Phantom uncertainty (shape and thickness tolerances) | 4.0 | R | $\sqrt{3}$ | 1 | 1 | 2.3 | 2.3 |
| Algorithm for correcting SAR for deviations in permittivity and conductivity | 1.9 | N | 1 | 1 | 0.84 | 1.1 | 0.9 |
| Liquid conductivity (meas.) | 2.5 | N | 1 | 0.64 | 0.43 | 1.6 | 1.1 |
| Liquid permittivity (meas.) | 2.5 | N | 1 | 0.6 | 0.49 | 1.5 | 1.2 |
| Temp. unc. - Conductivity | 1.7 | R | $\sqrt{3}$ | 0.78 | 0.71 | 0.8 | 0.7 |
| Temp. unc. - Permittivity | 0.3 | R | $\sqrt{3}$ | 0.23 | 0.26 | 0.0 | 0.0 |
| Combined standard uncertainty | | RSS | | | | 12.2 | 12.1 |
| Expanded uncertainty 95 % confidence interval) | | | | | | 24.5 | 24.2 |

APPENDIX B PROBE CALIBRATION CERTIFICATES

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校准
CALIBRATION
CNAS L0570

Client **BACL**
Shenzhen

Certificate No: **25J02Z000822**

CALIBRATION CERTIFICATE

Object EX3DV4 - SN : 7896

Calibration Procedure(s) FF-Z11-0004-03
Calibration Procedures for Dosimetric E-field Probes

Calibration date: December 11, 2025

This calibration Certificate documents the traceability to national standards, which realize the physical units of measurements(SI). The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature(22±3)°C and humidity<70%.

Calibration Equipment used (M&TE critical for calibration)

| Primary Standards | ID # | Cal Date(Calibrated by, Certificate No.) | Scheduled Calibration |
|--------------------------|--------------------|---|-----------------------|
| Power Meter NRP2 | 106277 | 20-Oct-25(CTTL, No.25J02X100272) | Oct-26 |
| Power sensor NRP8S | 104291 | 20-Oct-25(CTTL, No.25J02X100272) | Oct-26 |
| Power sensor NRP8S | 104292 | 20-Oct-25(CTTL, No.25J02X100272) | Oct-26 |
| Reference 10dBAttenuator | 18N50W-10dB | 22-Jan-25(CTTL, No.25J02X000465) | Jan-27 |
| Reference 20dBAttenuator | 18N50W-20dB | 22-Jan-25(CTTL, No.25J02X000465) | Jan-27 |
| Reference Probe EX3DV4 | SN 7307 | 27-May-25(SPEAG, No.EX-7307_May25) | May-26 |
| DAE4 | SN 771 | 22-Jan-25(SPEAG, No.DAE4-771_Jan25) | Jan-26 |
| Secondary Standards | ID # | Cal Date(Calibrated by, Certificate No.) | Scheduled Calibration |
| SignalGenerator MG3700A | 6201052605 | 10-Jun-25(CTTL, No.25J02X004975) | Jun-26 |
| SignalGenerator APSIN26G | 131-33A6D0700-1959 | 27-Mar-25(CTTL, No.25J02X001962) | Mar-26 |
| Network Analyzer E5071C | MY46110673 | 26-Nov-25(CTTL, No.25J02X102468) | Nov-26 |
| Reference 10dBAttenuator | BT0520 | 15-May-25(CTTL, No.25J02X003069) | May-27 |
| Reference 20dBAttenuator | BT0267 | 15-May-25(CTTL, No.25J02X003070) | May-27 |
| OCP DAKS-3.5 | SN 0015 | 20-Oct-25(SPEAG, No. OCP-DAKS-0015_Oct25) | Oct-26 |

| | Name | Function | Signature |
|----------------|-------------|--------------------|-----------|
| Calibrated by: | Yu Zongying | SAR Test Engineer | |
| Reviewed by: | Lin Jun | SAR Test Engineer | |
| Approved by: | Qi Dianyuan | SAR Project Leader | |

Issued: December 15, 2025

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

Certificate No: 25J02Z000822

Page 1 of 23



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Glossary:

| | |
|-----------------------|---|
| TSL | tissue simulating liquid |
| NORM _{x,y,z} | sensitivity in free space |
| ConvF | sensitivity in TSL / NORM _{x,y,z} |
| DCP | diode compression point |
| CF | crest factor (1/duty_cycle) of the RF signal |
| A,B,C,D | modulation dependent linearization parameters |
| Polarization Φ | Φ rotation around probe axis |
| Polarization θ | θ rotation around an axis that is in the plane normal to probe axis (at measurement center), i $\theta=0$ is normal to probe axis |

Connector Angle information used in DASY system to align probe sensor X to the robot coordinate system

Calibration is Performed According to the Following Standards:

- IEEE Std 1528-2013, "IEEE Recommended Practice for Determining the Peak Spatial-Averaged Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", June 2013
- IEC 62209-1, "Measurement procedure for the assessment of Specific Absorption Rate (SAR) from hand-held and body-mounted devices used next to the ear (frequency range of 300 MHz to 6 GHz)", July 2016
- IEC 62209-2, "Procedure to determine the Specific Absorption Rate (SAR) for wireless communication devices used in close proximity to the human body (frequency range of 30 MHz to 6 GHz)", March 2010
- KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Methods Applied and Interpretation of Parameters:

- NORM_{x,y,z}:** Assessed for E-field polarization $\theta=0$ ($f \leq 900$ MHz in TEM-cell; $f > 1800$ MHz: waveguide). NORM_{x,y,z} are only intermediate values, i.e., the uncertainties of NORM_{x,y,z} does not effect the E^2 -field uncertainty inside TSL (see below ConvF).
- NORM(f)_{x,y,z} = NORM_{x,y,z} * frequency_response** (see Frequency Response Chart). This linearization is implemented in DASY4 software versions later than 4.2. The uncertainty of the frequency response is included in the stated uncertainty of ConvF.
- DCP_{x,y,z}:** DCP are numerical linearization parameters assessed based on the data of power sweep (no uncertainty required). DCP does not depend on frequency nor media.
- PAR:** PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics.
- A_{x,y,z}; B_{x,y,z}; C_{x,y,z}; VR_{x,y,z}; A,B,C** are numerical linearization parameters assessed based on the data of power sweep for specific modulation signal. The parameters do not depend on frequency nor media. VR is the maximum calibration range expressed in RMS voltage across the diode.
- ConvF and Boundary Effect Parameters:** Assessed in flat phantom using E-field (or Temperature Transfer Standard for $f \leq 800$ MHz) and inside waveguide using analytical field distributions based on power measurements for $f > 800$ MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty valued are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to NORM_{x,y,z} * ConvF whereby the uncertainty corresponds to that given for ConvF. A frequency dependent ConvF is used in DASY version 4.4 and higher which allows extending the validity from ± 50 MHz to ± 100 MHz.
- Spherical isotropy (3D deviation from isotropy):** in a field of low gradients realized using a flat phantom exposed by a patch antenna.
- Sensor Offset:** The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis). No tolerance required.
- Connector Angle:** The angle is assessed using the information gained by determining the NORM_x (no uncertainty required).

Certificate No:25J02Z000822

Page 2 of 23



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DASY/EASY – Parameters of Probe: EX3DV4 – SN: 7896

Basic Calibration Parameters

| | Sensor X | Sensor Y | Sensor Z | Unc (k=2) |
|--------------------------------------|----------|----------|----------|-----------|
| Norm($\mu V/(V/m)^2$) ^A | 0.65 | 0.57 | 0.61 | ±10.0% |
| DCP(mV) ^B | 110.1 | 110.2 | 108.7 | |

Calibration Results for Modulation Response

| UID | Communication System Name | | A dB | B dB/μV | C | D dB | VR mV | Max Dev. | Max Unc ^E (k=2) |
|-----------|-----------------------------|---|---------|------------|-------|---------|----------|-------------|----------------------------------|
| 0 | CW | X | 0.0 | 0.0 | 1.0 | 0.00 | 211.0 | ±2.1% | ±4.7% |
| | | Y | 0.0 | 0.0 | 1.0 | | 193.4 | | |
| | | Z | 0.0 | 0.0 | 1.0 | | 201.7 | | |
| 10352-AAA | Pulse Waveform (200Hz, 10%) | X | 1.56 | 60.65 | 5.88 | 10.00 | 60 | ±3.1% | ±9.6% |
| | | Y | 1.54 | 60.62 | 5.78 | | 60 | | |
| | | Z | 1.40 | 60.02 | 5.55 | | 60 | | |
| 10353-AAA | Pulse Waveform (200Hz, 20%) | X | 1.03 | 60.00 | 4.00 | 6.99 | 80 | ±2.6% | ±9.6% |
| | | Y | 0.82 | 60.00 | 4.28 | | 80 | | |
| | | Z | 6.00 | 68.00 | 7.00 | | 80 | | |
| 10354-AAA | Pulse Waveform (200Hz, 40%) | X | 0.10 | 137.70 | 0.30 | 3.98 | 95 | ±2.2% | ±9.6% |
| | | Y | 0.28 | 149.96 | 0.00 | | 95 | | |
| | | Z | 0.05 | 132.95 | 0.23 | | 95 | | |
| 10355-AAA | Pulse Waveform (200Hz, 60%) | X | 0.16 | 158.18 | 13.20 | 2.22 | 120 | ±1.2% | ±9.6% |
| | | Y | 5.83 | 160.00 | 3.25 | | 120 | | |
| | | Z | 1.41 | 159.66 | 3.48 | | 120 | | |
| 10387-AAA | QPSK Waveform, 1 MHz | X | 0.55 | 60.93 | 9.19 | 1.00 | 150 | ±4.4% | ±9.6% |
| | | Y | 0.52 | 62.16 | 9.90 | | 150 | | |
| | | Z | 0.49 | 60.21 | 8.86 | | 150 | | |
| 10388-AAA | QPSK Waveform, 10 MHz | X | 1.32 | 64.04 | 12.45 | 0.00 | 150 | ±1.2% | ±9.6% |
| | | Y | 1.26 | 64.47 | 12.68 | | 150 | | |
| | | Z | 1.25 | 63.56 | 12.19 | | 150 | | |
| 10396-AAA | 64-QAM Waveform, 100 kHz | X | 1.66 | 63.86 | 15.59 | 3.01 | 150 | ±0.9% | ±9.6% |
| | | Y | 1.78 | 65.86 | 16.96 | | 150 | | |
| | | Z | 1.73 | 64.88 | 16.29 | | 150 | | |
| 10414-AAA | WLAN CCDF, 64-QAM, 40MHz | X | 3.97 | 65.48 | 14.84 | 0.00 | 150 | ±4.2% | ±9.6% |
| | | Y | 3.96 | 66.15 | 15.21 | | 150 | | |
| | | Z | 3.98 | 65.70 | 14.95 | | 150 | | |

Note: For details on UID parameters see Appendix

The reported uncertainty of measurement is stated as the standard uncertainty of Measurement multiplied by the coverage factor $k=2$, which for a normal distribution Corresponds to a coverage probability of approximately 95%.

^A The uncertainties of Norm X, Y, Z do not affect the E²-field uncertainty inside TSL (see Page 5 and Page 6).

^B Numerical linearization parameter: uncertainty not required.

^E Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.



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DASY/EASY – Parameters of Probe: EX3DV4 – SN: 7896

Sensor Model Parameters

| | C1 fF | C2 fF | α V^{-1} | T1 $ms.V^{-2}$ | T2 $ms.V^{-1}$ | T3 ms | T4 V^{-2} | T5 V^{-1} | T6 |
|---|----------|----------|----------------------|-------------------|-------------------|----------|----------------|----------------|------|
| X | 13.69 | 99.43 | 33.41 | 3.17 | 0.00 | 4.90 | 0.00 | 0.08 | 1.01 |
| Y | 11.63 | 84.35 | 33.42 | 3.71 | 0.00 | 4.90 | 0.42 | 0.00 | 1.01 |
| Z | 12.97 | 94.37 | 33.53 | 4.05 | 0.00 | 4.90 | 0.50 | 0.00 | 1.01 |

Other Probe Parameters

| | |
|---|------------|
| Sensor Arrangement | Triangular |
| Connector Angle (°) | 25.5 |
| Mechanical Surface Detection Mode | enabled |
| Optical Surface Detection Mode | disable |
| Probe Overall Length | 337mm |
| Probe Body Diameter | 10mm |
| Tip Length | 9mm |
| Tip Diameter | 2.5mm |
| Probe Tip to Sensor X Calibration Point | 1mm |
| Probe Tip to Sensor Y Calibration Point | 1mm |
| Probe Tip to Sensor Z Calibration Point | 1mm |
| Recommended Measurement Distance from Surface | 1.4mm |



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DASY/EASY – Parameters of Probe: EX3DV4 – SN:7896

Calibration Parameter Determined in Head Tissue Simulating Media

| f [MHz] ^C | Relative Permittivity ^F | Conductivity (S/m) ^F | ConvF X | ConvF Y | ConvF Z | Alpha ^G | Depth ^G (mm) | Unct. (k=2) |
|----------------------|------------------------------------|---------------------------------|---------|---------|---------|--------------------|-------------------------|-------------|
| 750 | 41.9 | 0.89 | 9.40 | 9.40 | 9.40 | 0.16 | 1.16 | ±13% |
| 900 | 41.5 | 0.97 | 9.00 | 9.00 | 9.00 | 0.16 | 1.24 | ±13% |
| 1750 | 40.1 | 1.37 | 7.89 | 7.89 | 7.89 | 0.20 | 1.02 | ±13% |
| 1900 | 40.0 | 1.40 | 7.55 | 7.55 | 7.55 | 0.18 | 1.22 | ±13% |
| 2300 | 39.5 | 1.67 | 7.40 | 7.40 | 7.40 | 0.40 | 0.73 | ±13% |
| 2450 | 39.2 | 1.80 | 7.15 | 7.15 | 7.15 | 0.43 | 0.75 | ±13% |
| 2600 | 39.0 | 1.96 | 7.00 | 7.00 | 7.00 | 0.49 | 0.69 | ±13% |
| 3300 | 38.2 | 2.71 | 6.60 | 6.60 | 6.60 | 0.44 | 0.69 | ±14% |
| 3500 | 37.9 | 2.91 | 6.45 | 6.45 | 6.45 | 0.40 | 1.03 | ±14% |
| 3700 | 37.7 | 3.12 | 6.25 | 6.25 | 6.25 | 0.42 | 1.03 | ±14% |
| 3900 | 37.5 | 3.32 | 6.18 | 6.18 | 6.18 | 0.30 | 1.52 | ±14% |
| 5250 | 35.9 | 4.71 | 5.11 | 5.11 | 5.11 | 0.50 | 1.30 | ±14% |
| 5600 | 35.5 | 5.07 | 4.51 | 4.51 | 4.51 | 0.55 | 1.22 | ±14% |
| 5800 | 35.3 | 5.27 | 4.61 | 4.61 | 4.61 | 0.55 | 1.20 | ±14% |

^C Frequency validity above 300 MHz of ±100MHz only applies for DASY v4.4 and higher (Page 2), else it is restricted to ±50MHz. The uncertainty is the RSS of ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ± 10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Above 5 GHz frequency validity can be extended to ± 110 MHz.

^F At frequency up to 6 GHz, the validity of tissue parameters (ϵ and σ) can be relaxed to ±10% if liquid compensation formula is applied to measured SAR values. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.

^G Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ± 1% for frequencies below 3 GHz and below ± 2% for the frequencies between 3-6 GHz at any distance larger than half the probe tip diameter from the boundary.



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DASY/EASY – Parameters of Probe: EX3DV4 – SN:7896

Calibration Parameter Determined in Head Tissue Simulating Media

| f [MHz] ^C | Relative Permittivity ^F | Conductivity (S/m) ^F | ConvF X | ConvF Y | ConvF Z | Alpha ^G | Depth ^G (mm) | Unct. (k=2) |
|----------------------|------------------------------------|---------------------------------|---------|---------|---------|--------------------|-------------------------|-------------|
| 6500 | 34.5 | 6.07 | 5.20 | 5.20 | 5.20 | 0.15 | 1.35 | ±19% |

^C Frequency validity at 6.5 GHz is -600/+700 MHz, and ±700 MHz at or above 7 GHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band.

^F The probes are calibrated using tissue simulating liquids (TSL) that deviate for ϵ and σ by less than ±10% from the target values (typically better than ±6%) and are valid for TSL with deviations of up to ±10%.

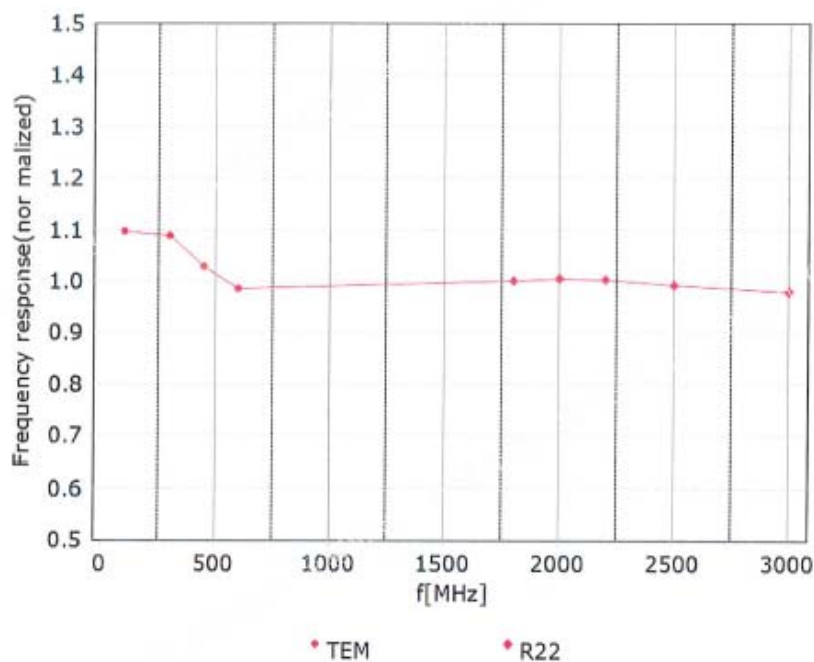
^G Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ±1% for frequencies below 3 GHz; below ±2% for frequencies between 3-6 GHz; and below ±4% for frequencies between 6-10 GHz at any distance larger than half the probe tip diameter from the boundary.



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Frequency Response of E-Field (TEM-Cell: ifi110 EXX, Waveguide: R22)



Uncertainty of Frequency Response of E-field: $\pm 7.4\%$ ($k=2$)

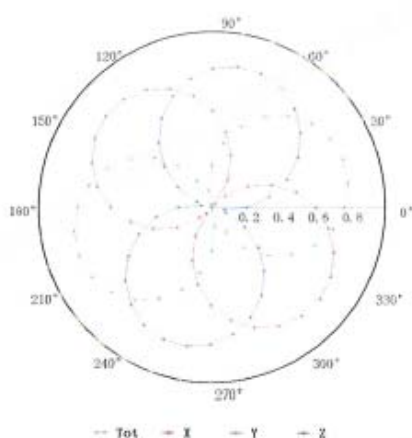


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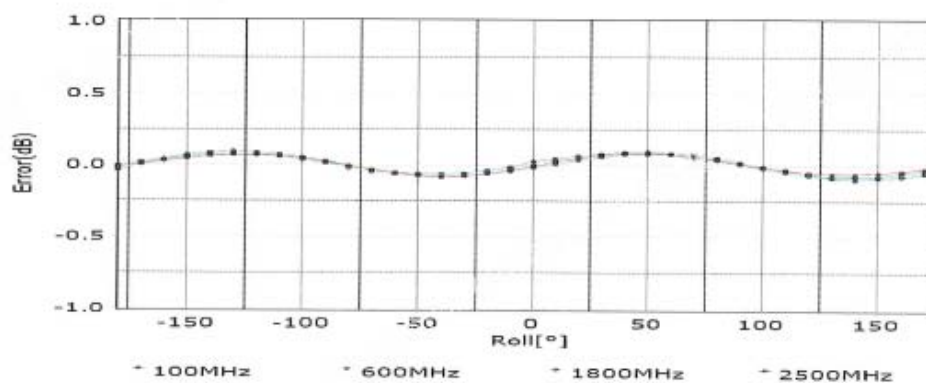
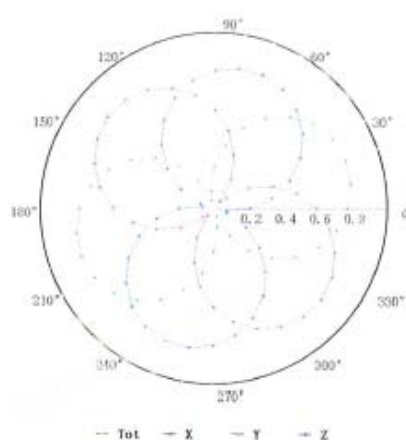


Receiving Pattern (Φ), $\theta=0^\circ$

f=600 MHz, TEM



f=1800 MHz, R22



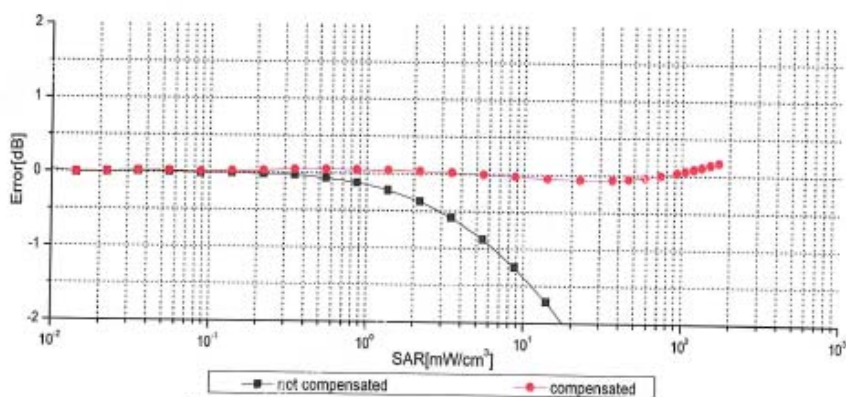
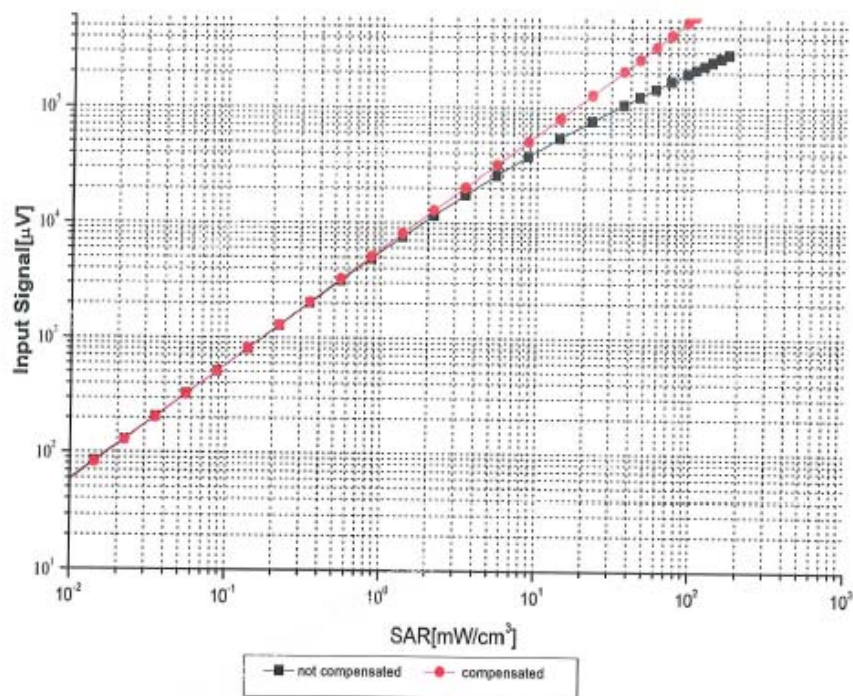
Uncertainty of Axial Isotropy Assessment: $\pm 1.2\%$ ($k=2$)



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Dynamic Range $f(\text{SAR}_{\text{head}})$ (TEM cell, $f = 900 \text{ MHz}$)



Uncertainty of Linearity Assessment: $\pm 0.9\%$ ($k=2$)

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Page 9 of 23



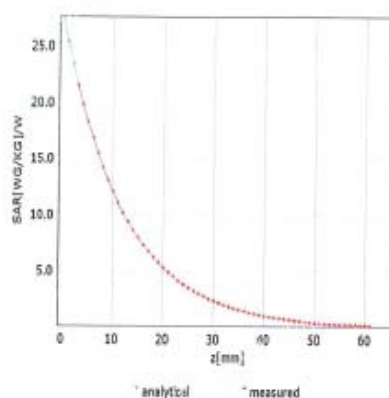
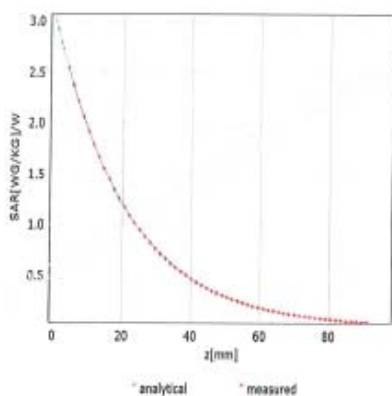
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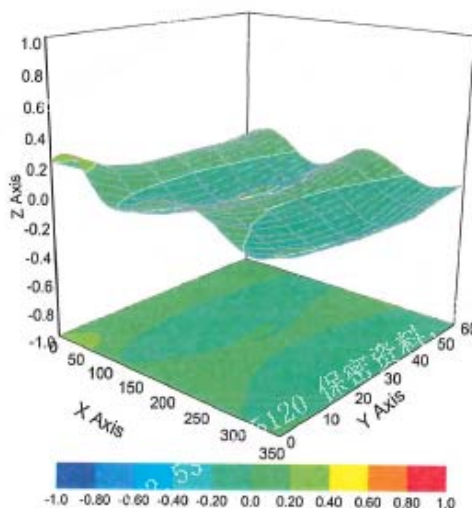
Conversion Factor Assessment

f=750 MHz,WGLS R9(H_convF)

f=1750 MHz,WGLS R22(H_convF)



Deviation from Isotropy in Liquid



Uncertainty of Spherical Isotropy Assessment: $\pm 3.2\%$ ($k=2$)

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Page 10 of 23



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Appendix: Modulation Calibration Parameters

| UID | Rev | Communication System Name | Group | PAR (dB) | UncE (k=2) |
|-------|-----|---|-----------|----------|------------|
| 0 | | CW | CW | 0.00 | ± 4.7 % |
| 10010 | CAA | SAR Validation (Square, 100ms, 10ms) | Test | 10.00 | ± 9.6 % |
| 10011 | CAB | UMTS-FDD (WCDMA) | WCDMA | 2.91 | ± 9.6 % |
| 10012 | CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) | WLAN | 1.87 | ± 9.6 % |
| 10013 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps) | WLAN | 9.46 | ± 9.6 % |
| 10021 | DAC | GSM-FDD (TDMA, GMSK) | GSM | 9.39 | ± 9.6 % |
| 10023 | DAC | GPRS-FDD (TDMA, GMSK, TN 0) | GSM | 9.57 | ± 9.6 % |
| 10024 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-1) | GSM | 6.56 | ± 9.6 % |
| 10025 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0) | GSM | 12.62 | ± 9.6 % |
| 10026 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0-1) | GSM | 9.55 | ± 9.6 % |
| 10027 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-1-2) | GSM | 4.80 | ± 9.6 % |
| 10028 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-1-2-3) | GSM | 3.55 | ± 9.6 % |
| 10029 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0-1-2) | GSM | 7.78 | ± 9.6 % |
| 10030 | CAA | IEEE 802.15.1 Bluetooth (GFSK, DH1) | Bluetooth | 5.30 | ± 9.6 % |
| 10031 | CAA | IEEE 802.15.1 Bluetooth (GFSK, DH3) | Bluetooth | 1.87 | ± 9.6 % |
| 10032 | CAA | IEEE 802.15.1 Bluetooth (GFSK, DH5) | Bluetooth | 1.16 | ± 9.6 % |
| 10033 | CAA | IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1) | Bluetooth | 7.74 | ± 9.6 % |
| 10034 | CAA | IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3) | Bluetooth | 4.53 | ± 9.6 % |
| 10035 | CAA | IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5) | Bluetooth | 3.83 | ± 9.6 % |
| 10036 | CAA | IEEE 802.15.1 Bluetooth (8-DPSK, DH1) | Bluetooth | 8.01 | ± 9.6 % |
| 10037 | CAA | IEEE 802.15.1 Bluetooth (8-DPSK, DH3) | Bluetooth | 4.77 | ± 9.6 % |
| 10038 | CAA | IEEE 802.15.1 Bluetooth (8-DPSK, DH5) | Bluetooth | 4.10 | ± 9.6 % |
| 10039 | CAB | CDMA2000 (1xRTT, RC1) | CDMA2000 | 4.57 | ± 9.6 % |
| 10042 | CAB | IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate) | AMPS | 7.78 | ± 9.6 % |
| 10044 | CAA | IS-91/EIA/TIA-553 FDD (FDMA, FM) | AMPS | 0.00 | ± 9.6 % |
| 10048 | CAA | DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24) | DECT | 13.80 | ± 9.6 % |
| 10049 | CAA | DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12) | DECT | 10.79 | ± 9.6 % |
| 10056 | CAA | UMTS-TDD (TD-SCDMA, 1.28 Mcps) | TD-SCDMA | 11.01 | ± 9.6 % |
| 10058 | DAC | EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3) | GSM | 6.52 | ± 9.6 % |
| 10059 | CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps) | WLAN | 2.12 | ± 9.6 % |
| 10060 | CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps) | WLAN | 2.83 | ± 9.6 % |
| 10061 | CAB | IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps) | WLAN | 3.60 | ± 9.6 % |
| 10062 | CAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps) | WLAN | 8.68 | ± 9.6 % |
| 10063 | CAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps) | WLAN | 8.63 | ± 9.6 % |
| 10064 | CAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps) | WLAN | 9.09 | ± 9.6 % |
| 10065 | CAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps) | WLAN | 9.00 | ± 9.6 % |
| 10066 | CAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps) | WLAN | 9.38 | ± 9.6 % |
| 10067 | CAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps) | WLAN | 10.12 | ± 9.6 % |
| 10068 | CAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps) | WLAN | 10.24 | ± 9.6 % |
| 10069 | CAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps) | WLAN | 10.56 | ± 9.6 % |
| 10071 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps) | WLAN | 9.83 | ± 9.6 % |
| 10072 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps) | WLAN | 9.62 | ± 9.6 % |
| 10073 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps) | WLAN | 9.94 | ± 9.6 % |
| 10074 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps) | WLAN | 10.30 | ± 9.6 % |
| 10075 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps) | WLAN | 10.77 | ± 9.6 % |
| 10076 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps) | WLAN | 10.94 | ± 9.6 % |
| 10077 | CAB | IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps) | WLAN | 11.00 | ± 9.6 % |
| 10081 | CAB | CDMA2000 (1xRTT, RC3) | CDMA2000 | 3.97 | ± 9.6 % |
| 10082 | CAB | IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate) | AMPS | 4.77 | ± 9.6 % |
| 10090 | DAC | GPRS-FDD (TDMA, GMSK, TN 0-4) | GSM | 6.56 | ± 9.6 % |
| 10097 | CAC | UMTS-FDD (HSDPA) | WCDMA | 3.98 | ± 9.6 % |
| 10098 | DAC | UMTS-FDD (HSUPA, Subtest 2) | WCDMA | 3.98 | ± 9.6 % |
| 10099 | CAC | EDGE-FDD (TDMA, 8PSK, TN 0-4) | GSM | 9.55 | ± 9.6 % |
| 10100 | CAC | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK) | LTE-FDD | 5.67 | ± 9.6 % |
| 10101 | CAB | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM) | LTE-FDD | 6.42 | ± 9.6 % |

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Page 11 of 23



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| | | | | | |
|-------|-----|--|---------|-------|---------|
| 10102 | CAB | LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM) | LTE-FDD | 6.60 | ± 9.6 % |
| 10103 | DAC | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK) | LTE-TDD | 9.29 | ± 9.6 % |
| 10104 | CAE | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM) | LTE-TDD | 9.97 | ± 9.6 % |
| 10105 | CAE | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM) | LTE-TDD | 10.01 | ± 9.6 % |
| 10108 | CAE | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK) | LTE-FDD | 5.80 | ± 9.6 % |
| 10109 | CAG | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) | LTE-FDD | 6.43 | ± 9.6 % |
| 10110 | CAG | LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK) | LTE-FDD | 5.75 | ± 9.6 % |
| 10111 | CAG | LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) | LTE-FDD | 6.44 | ± 9.6 % |
| 10112 | CAG | LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM) | LTE-FDD | 6.59 | ± 9.6 % |
| 10113 | CAG | LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) | LTE-FDD | 6.62 | ± 9.6 % |
| 10114 | CAG | IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK) | WLAN | 8.10 | ± 9.6 % |
| 10115 | CAG | IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM) | WLAN | 8.46 | ± 9.6 % |
| 10116 | CAG | IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM) | WLAN | 8.15 | ± 9.6 % |
| 10117 | CAG | IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK) | WLAN | 8.07 | ± 9.6 % |
| 10118 | CAD | IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM) | WLAN | 8.59 | ± 9.6 % |
| 10119 | CAD | IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM) | WLAN | 8.13 | ± 9.6 % |
| 10140 | CAD | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM) | LTE-FDD | 6.49 | ± 9.6 % |
| 10141 | CAD | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM) | LTE-FDD | 6.53 | ± 9.6 % |
| 10142 | CAD | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK) | LTE-FDD | 5.73 | ± 9.6 % |
| 10143 | CAD | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) | LTE-FDD | 6.35 | ± 9.6 % |
| 10144 | CAC | LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) | LTE-FDD | 6.65 | ± 9.6 % |
| 10145 | CAC | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK) | LTE-FDD | 5.76 | ± 9.6 % |
| 10146 | CAC | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) | LTE-FDD | 6.41 | ± 9.6 % |
| 10147 | CAC | LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) | LTE-FDD | 6.72 | ± 9.6 % |
| 10149 | CAE | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) | LTE-FDD | 6.42 | ± 9.6 % |
| 10150 | CAE | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) | LTE-FDD | 6.60 | ± 9.6 % |
| 10151 | CAE | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK) | LTE-TDD | 9.28 | ± 9.6 % |
| 10152 | CAE | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM) | LTE-TDD | 9.92 | ± 9.6 % |
| 10153 | CAE | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM) | LTE-TDD | 10.05 | ± 9.6 % |
| 10154 | CAF | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK) | LTE-FDD | 5.75 | ± 9.6 % |
| 10155 | CAF | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) | LTE-FDD | 6.43 | ± 9.6 % |
| 10156 | CAF | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK) | LTE-FDD | 5.79 | ± 9.6 % |
| 10157 | CAE | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) | LTE-FDD | 6.49 | ± 9.6 % |
| 10158 | CAE | LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) | LTE-FDD | 6.62 | ± 9.6 % |
| 10159 | CAG | LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM) | LTE-FDD | 6.56 | ± 9.6 % |
| 10160 | CAG | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK) | LTE-FDD | 5.82 | ± 9.6 % |
| 10161 | CAG | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM) | LTE-FDD | 6.43 | ± 9.6 % |
| 10162 | CAG | LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) | LTE-FDD | 6.58 | ± 9.6 % |
| 10166 | CAG | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK) | LTE-FDD | 5.46 | ± 9.6 % |
| 10167 | CAG | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM) | LTE-FDD | 6.21 | ± 9.6 % |
| 10168 | CAG | LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM) | LTE-FDD | 6.79 | ± 9.6 % |
| 10169 | CAG | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | LTE-FDD | 5.73 | ± 9.6 % |
| 10170 | CAG | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | LTE-FDD | 6.52 | ± 9.6 % |
| 10171 | CAE | LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) | LTE-FDD | 6.49 | ± 9.6 % |
| 10172 | CAE | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK) | LTE-TDD | 9.21 | ± 9.6 % |
| 10173 | CAE | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) | LTE-TDD | 9.48 | ± 9.6 % |
| 10174 | CAF | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) | LTE-TDD | 10.25 | ± 9.6 % |
| 10175 | CAF | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) | LTE-FDD | 5.72 | ± 9.6 % |
| 10176 | CAF | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM) | LTE-FDD | 6.52 | ± 9.6 % |
| 10177 | CAE | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK) | LTE-FDD | 5.73 | ± 9.6 % |
| 10178 | CAE | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) | LTE-FDD | 6.52 | ± 9.6 % |
| 10179 | AAE | LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM) | LTE-FDD | 6.50 | ± 9.6 % |
| 10180 | CAG | LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) | LTE-FDD | 6.50 | ± 9.6 % |
| 10181 | CAG | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) | LTE-FDD | 5.72 | ± 9.6 % |
| 10182 | CAG | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) | LTE-FDD | 6.52 | ± 9.6 % |
| 10183 | CAG | LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) | LTE-FDD | 6.50 | ± 9.6 % |
| 10184 | CAG | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK) | LTE-FDD | 5.73 | ± 9.6 % |
| 10185 | CAI | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) | LTE-FDD | 6.51 | ± 9.6 % |
| 10186 | CAG | LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) | LTE-FDD | 6.50 | ± 9.6 % |

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Page 12 of 23



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| | | | | | |
|-------|-----|---|---------|-------|---------|
| 10187 | CAG | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) | LTE-FDD | 5.73 | ± 9.6 % |
| 10188 | CAG | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) | LTE-FDD | 6.52 | ± 9.6 % |
| 10189 | CAE | LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) | LTE-FDD | 6.50 | ± 9.6 % |
| 10193 | CAE | IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK) | WLAN | 8.09 | ± 9.6 % |
| 10194 | AAE | IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM) | WLAN | 8.12 | ± 9.6 % |
| 10195 | CAE | IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) | WLAN | 8.21 | ± 9.6 % |
| 10196 | CAE | IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) | WLAN | 8.10 | ± 9.6 % |
| 10197 | AAE | IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM) | WLAN | 8.13 | ± 9.6 % |
| 10198 | CAF | IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM) | WLAN | 8.27 | ± 9.6 % |
| 10219 | CAF | IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK) | WLAN | 8.03 | ± 9.6 % |
| 10220 | AAF | IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM) | WLAN | 8.13 | ± 9.6 % |
| 10221 | CAC | IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM) | WLAN | 8.27 | ± 9.6 % |
| 10222 | CAC | IEEE 802.11n (HT Mixed, 15 Mbps, BPSK) | WLAN | 8.06 | ± 9.6 % |
| 10223 | CAD | IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM) | WLAN | 8.48 | ± 9.6 % |
| 10224 | CAD | IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM) | WLAN | 8.08 | ± 9.6 % |
| 10225 | CAD | UMTS-FDD (HSPA+) | WCDMA | 5.97 | ± 9.6 % |
| 10226 | CAD | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) | LTE-TDD | 9.49 | ± 9.6 % |
| 10227 | CAD | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) | LTE-TDD | 10.26 | ± 9.6 % |
| 10228 | CAD | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) | LTE-TDD | 9.22 | ± 9.6 % |
| 10229 | DAC | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) | LTE-TDD | 9.48 | ± 9.6 % |
| 10230 | CAC | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM) | LTE-TDD | 10.25 | ± 9.6 % |
| 10231 | CAC | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK) | LTE-TDD | 9.19 | ± 9.6 % |
| 10232 | CAD | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) | LTE-TDD | 9.48 | ± 9.6 % |
| 10233 | CAD | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) | LTE-TDD | 10.25 | ± 9.6 % |
| 10234 | CAD | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK) | LTE-TDD | 9.21 | ± 9.6 % |
| 10235 | CAD | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM) | LTE-TDD | 9.48 | ± 9.6 % |
| 10236 | CAD | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM) | LTE-TDD | 10.25 | ± 9.6 % |
| 10237 | CAD | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK) | LTE-TDD | 9.21 | ± 9.6 % |
| 10238 | CAB | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) | LTE-TDD | 9.48 | ± 9.6 % |
| 10239 | CAB | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) | LTE-TDD | 10.25 | ± 9.6 % |
| 10240 | CAB | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK) | LTE-TDD | 9.21 | ± 9.6 % |
| 10241 | CAB | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM) | LTE-TDD | 9.82 | ± 9.6 % |
| 10242 | CAD | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM) | LTE-TDD | 9.86 | ± 9.6 % |
| 10243 | CAD | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK) | LTE-TDD | 9.46 | ± 9.6 % |
| 10244 | CAD | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) | LTE-TDD | 10.06 | ± 9.6 % |
| 10245 | CAG | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM) | LTE-TDD | 10.06 | ± 9.6 % |
| 10246 | CAG | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK) | LTE-TDD | 9.30 | ± 9.6 % |
| 10247 | CAG | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) | LTE-TDD | 9.91 | ± 9.6 % |
| 10248 | CAG | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM) | LTE-TDD | 10.09 | ± 9.6 % |
| 10249 | CAG | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK) | LTE-TDD | 9.29 | ± 9.6 % |
| 10250 | CAG | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) | LTE-TDD | 9.61 | ± 9.6 % |
| 10251 | CAF | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) | LTE-TDD | 10.17 | ± 9.6 % |
| 10252 | CAF | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK) | LTE-TDD | 9.24 | ± 9.6 % |
| 10253 | CAF | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM) | LTE-TDD | 9.90 | ± 9.6 % |
| 10254 | CAB | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) | LTE-TDD | 10.14 | ± 9.6 % |
| 10255 | CAB | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK) | LTE-TDD | 9.20 | ± 9.6 % |
| 10256 | CAB | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) | LTE-TDD | 9.96 | ± 9.6 % |
| 10257 | CAD | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) | LTE-TDD | 10.06 | ± 9.6 % |
| 10258 | CAD | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK) | LTE-TDD | 9.34 | ± 9.6 % |
| 10259 | CAD | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) | LTE-TDD | 9.98 | ± 9.6 % |
| 10260 | CAG | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) | LTE-TDD | 9.97 | ± 9.6 % |
| 10261 | CAG | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK) | LTE-TDD | 9.24 | ± 9.6 % |
| 10262 | CAG | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) | LTE-TDD | 9.83 | ± 9.6 % |
| 10263 | CAG | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) | LTE-TDD | 10.16 | ± 9.6 % |
| 10264 | CAG | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK) | LTE-TDD | 9.23 | ± 9.6 % |
| 10265 | CAG | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) | LTE-TDD | 9.92 | ± 9.6 % |
| 10266 | CAF | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM) | LTE-TDD | 10.07 | ± 9.6 % |
| 10267 | CAF | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK) | LTE-TDD | 9.30 | ± 9.6 % |
| 10268 | CAF | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM) | LTE-TDD | 10.06 | ± 9.6 % |

Certificate No: 25J02Z000822

Page 13 of 23



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|-------|-----|--|----------|-------|---------|
| 10269 | CAB | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM) | LTE-TDD | 10.13 | ± 9.6 % |
| 10270 | CAB | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK) | LTE-TDD | 9.58 | ± 9.6 % |
| 10274 | CAB | UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10) | WCDMA | 4.87 | ± 9.6 % |
| 10275 | CAD | UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4) | WCDMA | 3.96 | ± 9.6 % |
| 10277 | CAD | PHS (QPSK) | PHS | 11.81 | ± 9.6 % |
| 10278 | CAD | PHS (QPSK, BW 884MHz, Roll-off 0.5) | PHS | 11.81 | ± 9.6 % |
| 10279 | CAG | PHS (QPSK, BW 884MHz, Roll-off 0.38) | PHS | 12.18 | ± 9.6 % |
| 10290 | CAG | CDMA2000, RC1, SO55, Full Rate | CDMA2000 | 3.91 | ± 9.6 % |
| 10291 | CAG | CDMA2000, RC3, SO55, Full Rate | CDMA2000 | 3.46 | ± 9.6 % |
| 10292 | CAG | CDMA2000, RC3, SO32, Full Rate | CDMA2000 | 3.39 | ± 9.6 % |
| 10293 | CAG | CDMA2000, RC3, SO3, Full Rate | CDMA2000 | 3.50 | ± 9.6 % |
| 10295 | CAG | CDMA2000, RC1, SO3, 1/8th Rate 25 fr. | CDMA2000 | 12.49 | ± 9.6 % |
| 10297 | CAF | LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) | LTE-FDD | 5.81 | ± 9.6 % |
| 10298 | CAF | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK) | LTE-FDD | 5.72 | ± 9.6 % |
| 10299 | CAF | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) | LTE-FDD | 6.39 | ± 9.6 % |
| 10300 | CAC | LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM) | LTE-FDD | 6.60 | ± 9.6 % |
| 10301 | CAC | IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC) | WiMAX | 12.03 | ± 9.6 % |
| 10302 | CAB | IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC, 3CTRL) | WiMAX | 12.57 | ± 9.6 % |
| 10303 | CAB | IEEE 802.16e WiMAX (31:15, 5ms, 10MHz, 64QAM, PUSC) | WiMAX | 12.52 | ± 9.6 % |
| 10304 | CAA | IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, 64QAM, PUSC) | WiMAX | 11.86 | ± 9.6 % |
| 10305 | CAA | IEEE 802.16e WiMAX (31:15, 10ms, 10MHz, 64QAM, PUSC) | WiMAX | 15.24 | ± 9.6 % |
| 10306 | CAA | IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 64QAM, PUSC) | WiMAX | 14.67 | ± 9.6 % |
| 10307 | AAB | IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, PUSC) | WiMAX | 14.49 | ± 9.6 % |
| 10308 | AAB | IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, PUSC) | WiMAX | 14.46 | ± 9.6 % |
| 10309 | AAB | IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, AMC 2x3) | WiMAX | 14.58 | ± 9.6 % |
| 10310 | AAB | IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3) | WiMAX | 14.57 | ± 9.6 % |
| 10311 | AAB | LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK) | LTE-FDD | 6.08 | ± 9.6 % |
| 10313 | AAD | iDEN 1:3 | iDEN | 10.51 | ± 9.6 % |
| 10314 | AAD | iDEN 1:6 | iDEN | 13.48 | ± 9.6 % |
| 10315 | AAD | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc dc) | WLAN | 1.71 | ± 9.6 % |
| 10316 | AAD | IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc dc) | WLAN | 8.36 | ± 9.6 % |
| 10317 | AAA | IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc dc) | WLAN | 8.36 | ± 9.6 % |
| 10352 | AAA | Pulse Waveform (200Hz, 10%) | Generic | 10.00 | ± 9.6 % |
| 10353 | AAA | Pulse Waveform (200Hz, 20%) | Generic | 6.99 | ± 9.6 % |
| 10354 | AAA | Pulse Waveform (200Hz, 40%) | Generic | 3.98 | ± 9.6 % |
| 10355 | AAA | Pulse Waveform (200Hz, 60%) | Generic | 2.22 | ± 9.6 % |
| 10356 | AAA | Pulse Waveform (200Hz, 80%) | Generic | 0.97 | ± 9.6 % |
| 10387 | AAA | QPSK Waveform, 1 MHz | Generic | 5.10 | ± 9.6 % |
| 10388 | AAA | QPSK Waveform, 10 MHz | Generic | 5.22 | ± 9.6 % |
| 10396 | AAA | 64-QAM Waveform, 100 kHz | Generic | 6.27 | ± 9.6 % |
| 10399 | AAA | 64-QAM Waveform, 40 MHz | Generic | 6.27 | ± 9.6 % |
| 10400 | AAD | IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc dc) | WLAN | 8.37 | ± 9.6 % |
| 10401 | AAA | IEEE 802.11ac WiFi (40MHz, 64-QAM, 99pc dc) | WLAN | 8.60 | ± 9.6 % |
| 10402 | AAA | IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc dc) | WLAN | 8.53 | ± 9.6 % |
| 10403 | AAB | CDMA2000 (1xEV-DO, Rev. 0) | CDMA2000 | 3.76 | ± 9.6 % |
| 10404 | AAB | CDMA2000 (1xEV-DO, Rev. A) | CDMA2000 | 3.77 | ± 9.6 % |
| 10406 | AAD | CDMA2000, RC3, SO32, SCH0, Full Rate | CDMA2000 | 5.22 | ± 9.6 % |
| 10410 | AAA | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub=2,3,4,7,8,9) | LTE-TDD | 7.82 | ± 9.6 % |
| 10414 | AAA | WLAN CCDF, 64-QAM, 40MHz | Generic | 8.54 | ± 9.6 % |
| 10415 | AAA | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc dc) | WLAN | 1.54 | ± 9.6 % |
| 10416 | AAA | IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc dc) | WLAN | 8.23 | ± 9.6 % |
| 10417 | AAA | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc dc) | WLAN | 8.23 | ± 9.6 % |
| 10418 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Long) | WLAN | 8.14 | ± 9.6 % |
| 10419 | AAA | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Short) | WLAN | 8.19 | ± 9.6 % |
| 10422 | AAA | IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) | WLAN | 8.32 | ± 9.6 % |
| 10423 | AAA | IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM) | WLAN | 8.47 | ± 9.6 % |
| 10424 | AAE | IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM) | WLAN | 8.40 | ± 9.6 % |
| 10425 | AAE | IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK) | WLAN | 8.41 | ± 9.6 % |
| 10426 | AAE | IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM) | WLAN | 8.45 | ± 9.6 % |

Certificate No:25J02Z000822

Page 14 of 23



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|-------|-----|---|----------|-------|---------|
| 10427 | AAB | IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM) | WLAN | 8.41 | ± 9.6 % |
| 10430 | AAB | LTE-FDD (OFDMA, 5 MHz, E-TM 3.1) | LTE-FDD | 8.28 | ± 9.6 % |
| 10431 | AAC | LTE-FDD (OFDMA, 10 MHz, E-TM 3.1) | LTE-FDD | 8.38 | ± 9.6 % |
| 10432 | AAB | LTE-FDD (OFDMA, 15 MHz, E-TM 3.1) | LTE-FDD | 8.34 | ± 9.6 % |
| 10433 | AAC | LTE-FDD (OFDMA, 20 MHz, E-TM 3.1) | LTE-FDD | 8.34 | ± 9.6 % |
| 10434 | AAG | W-CDMA (BS Test Model 1, 64 DPCH) | WCDMA | 8.60 | ± 9.6 % |
| 10435 | AAA | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub) | LTE-TDD | 7.82 | ± 9.6 % |
| 10447 | AAA | LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) | LTE-FDD | 7.56 | ± 9.6 % |
| 10448 | AAA | LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) | LTE-FDD | 7.53 | ± 9.6 % |
| 10449 | AAC | LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) | LTE-FDD | 7.51 | ± 9.6 % |
| 10450 | AAA | LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) | LTE-FDD | 7.48 | ± 9.6 % |
| 10451 | AAA | W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%) | WCDMA | 7.59 | ± 9.6 % |
| 10453 | AAC | Validation (Square, 10ms, 1ms) | Test | 10.00 | ± 9.6 % |
| 10456 | AAC | IEEE 802.11ac WiFi (180MHz, 64-QAM, 99pc dc) | WLAN | 8.63 | ± 9.6 % |
| 10457 | AAC | UMTS-FDD (DC-HSDPA) | WCDMA | 6.62 | ± 9.6 % |
| 10458 | AAC | CDMA2000 (1xEV-DO, Rev. B, 2 carriers) | CDMA2000 | 6.55 | ± 9.6 % |
| 10459 | AAC | CDMA2000 (1xEV-DO, Rev. B, 3 carriers) | CDMA2000 | 8.25 | ± 9.6 % |
| 10460 | AAC | UMTS-FDD (WCDMA, AMR) | WCDMA | 2.39 | ± 9.6 % |
| 10461 | AAC | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Sub) | LTE-TDD | 7.82 | ± 9.6 % |
| 10462 | AAC | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.30 | ± 9.6 % |
| 10463 | AAD | LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.56 | ± 9.6 % |
| 10464 | AAD | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Sub) | LTE-TDD | 7.82 | ± 9.6 % |
| 10465 | AAC | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.32 | ± 9.6 % |
| 10466 | AAC | LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.57 | ± 9.6 % |
| 10467 | AAA | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub) | LTE-TDD | 7.82 | ± 9.6 % |
| 10468 | AAF | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.32 | ± 9.6 % |
| 10469 | AAD | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.56 | ± 9.6 % |
| 10470 | AAD | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub) | LTE-TDD | 7.82 | ± 9.6 % |
| 10471 | AAC | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.32 | ± 9.6 % |
| 10472 | AAC | LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.57 | ± 9.6 % |
| 10473 | AAA | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Sub) | LTE-TDD | 7.82 | ± 9.6 % |
| 10474 | AAC | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.32 | ± 9.6 % |
| 10475 | AAD | LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.57 | ± 9.6 % |
| 10477 | AAC | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.32 | ± 9.6 % |
| 10478 | AAC | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.57 | ± 9.6 % |
| 10479 | AAC | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Sub) | LTE-TDD | 7.74 | ± 9.6 % |
| 10480 | AAA | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.18 | ± 9.6 % |
| 10481 | AAA | LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.45 | ± 9.6 % |
| 10482 | AAA | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Sub) | LTE-TDD | 7.71 | ± 9.6 % |
| 10483 | AAA | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.39 | ± 9.6 % |
| 10484 | AAB | LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.47 | ± 9.6 % |
| 10485 | AAB | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Sub) | LTE-TDD | 7.59 | ± 9.6 % |
| 10486 | AAB | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.38 | ± 9.6 % |
| 10487 | AAC | LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.60 | ± 9.6 % |
| 10488 | AAC | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Sub) | LTE-TDD | 7.70 | ± 9.6 % |
| 10489 | AAC | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.31 | ± 9.6 % |
| 10490 | AAF | LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.54 | ± 9.6 % |
| 10491 | AAF | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Sub) | LTE-TDD | 7.74 | ± 9.6 % |
| 10492 | AAF | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.41 | ± 9.6 % |
| 10493 | AAF | LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.55 | ± 9.6 % |
| 10494 | AAF | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Sub) | LTE-TDD | 7.74 | ± 9.6 % |
| 10495 | AAF | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.37 | ± 9.6 % |
| 10496 | AAE | LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.54 | ± 9.6 % |
| 10497 | AAE | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Sub) | LTE-TDD | 7.67 | ± 9.6 % |
| 10498 | AAE | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.40 | ± 9.6 % |
| 10499 | AAC | LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.68 | ± 9.6 % |
| 10500 | AAF | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Sub) | LTE-TDD | 7.67 | ± 9.6 % |
| 10501 | AAF | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.44 | ± 9.6 % |
| 10502 | AAB | LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.52 | ± 9.6 % |

Certificate No.:25J02Z000822

Page 15 of 23



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| 10503 | AAB | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Sub) | LTE-TDD | 7.72 | ± 9.6 % |
| 10504 | AAB | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.31 | ± 9.6 % |
| 10505 | AAC | LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.54 | ± 9.6 % |
| 10506 | AAC | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Sub) | LTE-TDD | 7.74 | ± 9.6 % |
| 10507 | AAC | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.36 | ± 9.6 % |
| 10508 | AAF | LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.55 | ± 9.6 % |
| 10509 | AAF | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Sub) | LTE-TDD | 7.99 | ± 9.6 % |
| 10510 | AAF | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.49 | ± 9.6 % |
| 10511 | AAF | LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.51 | ± 9.6 % |
| 10512 | AAF | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Sub) | LTE-TDD | 7.74 | ± 9.6 % |
| 10513 | AAF | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Sub) | LTE-TDD | 8.42 | ± 9.6 % |
| 10514 | AAF | LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Sub) | LTE-TDD | 8.45 | ± 9.6 % |
| 10515 | AAE | IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc dc) | WLAN | 1.58 | ± 9.6 % |
| 10516 | AAE | IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc dc) | WLAN | 1.57 | ± 9.6 % |
| 10517 | AAF | IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc dc) | WLAN | 1.58 | ± 9.6 % |
| 10518 | AAF | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc dc) | WLAN | 8.23 | ± 9.6 % |
| 10519 | AAF | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc dc) | WLAN | 8.39 | ± 9.6 % |
| 10520 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc dc) | WLAN | 8.12 | ± 9.6 % |
| 10521 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc dc) | WLAN | 7.97 | ± 9.6 % |
| 10522 | AAB | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc dc) | WLAN | 8.45 | ± 9.6 % |
| 10523 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc dc) | WLAN | 8.08 | ± 9.6 % |
| 10524 | AAC | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc dc) | WLAN | 8.27 | ± 9.6 % |
| 10525 | AAC | IEEE 802.11ac WiFi (20MHz, MCS0, 99pc dc) | WLAN | 8.36 | ± 9.6 % |
| 10526 | AAF | IEEE 802.11ac WiFi (20MHz, MCS1, 99pc dc) | WLAN | 8.42 | ± 9.6 % |
| 10527 | AAF | IEEE 802.11ac WiFi (20MHz, MCS2, 99pc dc) | WLAN | 8.21 | ± 9.6 % |
| 10528 | AAF | IEEE 802.11ac WiFi (20MHz, MCS3, 99pc dc) | WLAN | 8.36 | ± 9.6 % |
| 10529 | AAF | IEEE 802.11ac WiFi (20MHz, MCS4, 99pc dc) | WLAN | 8.36 | ± 9.6 % |
| 10531 | AAF | IEEE 802.11ac WiFi (20MHz, MCS6, 99pc dc) | WLAN | 8.43 | ± 9.6 % |
| 10532 | AAF | IEEE 802.11ac WiFi (20MHz, MCS7, 99pc dc) | WLAN | 8.29 | ± 9.6 % |
| 10533 | AAE | IEEE 802.11ac WiFi (20MHz, MCS8, 99pc dc) | WLAN | 8.38 | ± 9.6 % |
| 10534 | AAE | IEEE 802.11ac WiFi (40MHz, MCS0, 99pc dc) | WLAN | 8.45 | ± 9.6 % |
| 10535 | AAE | IEEE 802.11ac WiFi (40MHz, MCS1, 99pc dc) | WLAN | 8.45 | ± 9.6 % |
| 10536 | AAF | IEEE 802.11ac WiFi (40MHz, MCS2, 99pc dc) | WLAN | 8.32 | ± 9.6 % |
| 10537 | AAF | IEEE 802.11ac WiFi (40MHz, MCS3, 99pc dc) | WLAN | 8.44 | ± 9.6 % |
| 10538 | AAF | IEEE 802.11ac WiFi (40MHz, MCS4, 99pc dc) | WLAN | 8.54 | ± 9.6 % |
| 10540 | AAA | IEEE 802.11ac WiFi (40MHz, MCS6, 99pc dc) | WLAN | 8.39 | ± 9.6 % |
| 10541 | AAA | IEEE 802.11ac WiFi (40MHz, MCS7, 99pc dc) | WLAN | 8.46 | ± 9.6 % |
| 10542 | AAA | IEEE 802.11ac WiFi (40MHz, MCS8, 99pc dc) | WLAN | 8.65 | ± 9.6 % |
| 10543 | AAC | IEEE 802.11ac WiFi (40MHz, MCS9, 99pc dc) | WLAN | 8.65 | ± 9.6 % |
| 10544 | AAC | IEEE 802.11ac WiFi (80MHz, MCS0, 99pc dc) | WLAN | 8.47 | ± 9.6 % |
| 10545 | AAC | IEEE 802.11ac WiFi (80MHz, MCS1, 99pc dc) | WLAN | 8.55 | ± 9.6 % |
| 10546 | AAC | IEEE 802.11ac WiFi (80MHz, MCS2, 99pc dc) | WLAN | 8.35 | ± 9.6 % |
| 10547 | AAC | IEEE 802.11ac WiFi (80MHz, MCS3, 99pc dc) | WLAN | 8.49 | ± 9.6 % |
| 10548 | AAC | IEEE 802.11ac WiFi (80MHz, MCS4, 99pc dc) | WLAN | 8.37 | ± 9.6 % |
| 10550 | AAC | IEEE 802.11ac WiFi (80MHz, MCS6, 99pc dc) | WLAN | 8.38 | ± 9.6 % |
| 10551 | AAC | IEEE 802.11ac WiFi (80MHz, MCS7, 99pc dc) | WLAN | 8.50 | ± 9.6 % |
| 10552 | AAC | IEEE 802.11ac WiFi (80MHz, MCS8, 99pc dc) | WLAN | 8.42 | ± 9.6 % |
| 10553 | AAC | IEEE 802.11ac WiFi (80MHz, MCS9, 99pc dc) | WLAN | 8.45 | ± 9.6 % |
| 10554 | AAC | IEEE 802.11ac WiFi (160MHz, MCS0, 99pc dc) | WLAN | 8.48 | ± 9.6 % |
| 10555 | AAC | IEEE 802.11ac WiFi (160MHz, MCS1, 99pc dc) | WLAN | 8.47 | ± 9.6 % |
| 10556 | AAC | IEEE 802.11ac WiFi (160MHz, MCS2, 99pc dc) | WLAN | 8.50 | ± 9.6 % |
| 10557 | AAC | IEEE 802.11ac WiFi (160MHz, MCS3, 99pc dc) | WLAN | 8.52 | ± 9.6 % |
| 10558 | AAC | IEEE 802.11ac WiFi (160MHz, MCS4, 99pc dc) | WLAN | 8.61 | ± 9.6 % |
| 10560 | AAC | IEEE 802.11ac WiFi (160MHz, MCS6, 99pc dc) | WLAN | 8.73 | ± 9.6 % |
| 10561 | AAC | IEEE 802.11ac WiFi (160MHz, MCS7, 99pc dc) | WLAN | 8.56 | ± 9.6 % |
| 10562 | AAC | IEEE 802.11ac WiFi (160MHz, MCS8, 99pc dc) | WLAN | 8.69 | ± 9.6 % |
| 10563 | AAC | IEEE 802.11ac WiFi (160MHz, MCS9, 99pc dc) | WLAN | 8.77 | ± 9.6 % |
| 10564 | AAC | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc dc) | WLAN | 8.25 | ± 9.6 % |
| 10565 | AAC | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc dc) | WLAN | 8.45 | ± 9.6 % |

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Page 16 of 23



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|-------|-----|---|------|------|---------|
| 10566 | AAC | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc dc) | WLAN | 8.13 | ± 9.6 % |
| 10567 | AAC | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc dc) | WLAN | 8.00 | ± 9.6 % |
| 10568 | AAC | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc dc) | WLAN | 8.37 | ± 9.6 % |
| 10569 | AAC | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc dc) | WLAN | 8.10 | ± 9.6 % |
| 10570 | AAC | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc dc) | WLAN | 8.30 | ± 9.6 % |
| 10571 | AAC | IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc dc) | WLAN | 1.99 | ± 9.6 % |
| 10572 | AAC | IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc dc) | WLAN | 1.99 | ± 9.6 % |
| 10573 | AAC | IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc) | WLAN | 1.98 | ± 9.6 % |
| 10574 | AAC | IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc dc) | WLAN | 1.98 | ± 9.6 % |
| 10575 | AAC | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc) | WLAN | 8.59 | ± 9.6 % |
| 10576 | AAC | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc) | WLAN | 8.60 | ± 9.6 % |
| 10577 | AAC | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc) | WLAN | 8.70 | ± 9.6 % |
| 10578 | AAD | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc) | WLAN | 8.49 | ± 9.6 % |
| 10579 | AAD | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc) | WLAN | 8.36 | ± 9.6 % |
| 10580 | AAD | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc) | WLAN | 8.76 | ± 9.6 % |
| 10581 | AAD | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc) | WLAN | 8.35 | ± 9.6 % |
| 10582 | AAD | IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc) | WLAN | 8.67 | ± 9.6 % |
| 10583 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc) | WLAN | 8.59 | ± 9.6 % |
| 10584 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc) | WLAN | 8.60 | ± 9.6 % |
| 10585 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc) | WLAN | 8.70 | ± 9.6 % |
| 10586 | AAD | IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc) | WLAN | 8.49 | ± 9.6 % |
| 10587 | AAA | IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc) | WLAN | 8.36 | ± 9.6 % |
| 10588 | AAA | IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc) | WLAN | 8.76 | ± 9.6 % |
| 10589 | AAA | IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc) | WLAN | 8.35 | ± 9.6 % |
| 10590 | AAA | IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc) | WLAN | 8.67 | ± 9.6 % |
| 10591 | AAA | IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc) | WLAN | 8.63 | ± 9.6 % |
| 10592 | AAA | IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc dc) | WLAN | 8.79 | ± 9.6 % |
| 10593 | AAA | IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc) | WLAN | 8.64 | ± 9.6 % |
| 10594 | AAA | IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc) | WLAN | 8.74 | ± 9.6 % |
| 10595 | AAA | IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc dc) | WLAN | 8.74 | ± 9.6 % |
| 10596 | AAA | IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc dc) | WLAN | 8.71 | ± 9.6 % |
| 10597 | AAA | IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc dc) | WLAN | 8.72 | ± 9.6 % |
| 10598 | AAA | IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc dc) | WLAN | 8.50 | ± 9.6 % |
| 10599 | AAA | IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc dc) | WLAN | 8.79 | ± 9.6 % |
| 10600 | AAA | IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc dc) | WLAN | 8.88 | ± 9.6 % |
| 10601 | AAA | IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc dc) | WLAN | 8.82 | ± 9.6 % |
| 10602 | AAA | IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc dc) | WLAN | 8.94 | ± 9.6 % |
| 10603 | AAA | IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc dc) | WLAN | 9.03 | ± 9.6 % |
| 10604 | AAA | IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc dc) | WLAN | 8.76 | ± 9.6 % |
| 10605 | AAA | IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc dc) | WLAN | 8.97 | ± 9.6 % |
| 10606 | AAC | IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc dc) | WLAN | 8.82 | ± 9.6 % |
| 10607 | AAC | IEEE 802.11ac WiFi (20MHz, MCS0, 90pc dc) | WLAN | 8.64 | ± 9.6 % |
| 10608 | AAC | IEEE 802.11ac WiFi (20MHz, MCS1, 90pc dc) | WLAN | 8.77 | ± 9.6 % |
| 10609 | AAC | IEEE 802.11ac WiFi (20MHz, MCS2, 90pc dc) | WLAN | 8.57 | ± 9.6 % |
| 10610 | AAC | IEEE 802.11ac WiFi (20MHz, MCS3, 90pc dc) | WLAN | 8.78 | ± 9.6 % |
| 10611 | AAC | IEEE 802.11ac WiFi (20MHz, MCS4, 90pc dc) | WLAN | 8.70 | ± 9.6 % |
| 10612 | AAC | IEEE 802.11ac WiFi (20MHz, MCS5, 90pc dc) | WLAN | 8.77 | ± 9.6 % |
| 10613 | AAC | IEEE 802.11ac WiFi (20MHz, MCS6, 90pc dc) | WLAN | 8.94 | ± 9.6 % |
| 10614 | AAC | IEEE 802.11ac WiFi (20MHz, MCS7, 90pc dc) | WLAN | 8.59 | ± 9.6 % |
| 10615 | AAC | IEEE 802.11ac WiFi (20MHz, MCS8, 90pc dc) | WLAN | 8.82 | ± 9.6 % |
| 10616 | AAC | IEEE 802.11ac WiFi (40MHz, MCS0, 90pc dc) | WLAN | 8.82 | ± 9.6 % |
| 10617 | AAC | IEEE 802.11ac WiFi (40MHz, MCS1, 90pc dc) | WLAN | 8.81 | ± 9.6 % |
| 10618 | AAC | IEEE 802.11ac WiFi (40MHz, MCS2, 90pc dc) | WLAN | 8.58 | ± 9.6 % |
| 10619 | AAC | IEEE 802.11ac WiFi (40MHz, MCS3, 90pc dc) | WLAN | 8.86 | ± 9.6 % |
| 10620 | AAC | IEEE 802.11ac WiFi (40MHz, MCS4, 90pc dc) | WLAN | 8.87 | ± 9.6 % |
| 10621 | AAC | IEEE 802.11ac WiFi (40MHz, MCS5, 90pc dc) | WLAN | 8.77 | ± 9.6 % |
| 10622 | AAC | IEEE 802.11ac WiFi (40MHz, MCS6, 90pc dc) | WLAN | 8.68 | ± 9.6 % |
| 10623 | AAC | IEEE 802.11ac WiFi (40MHz, MCS7, 90pc dc) | WLAN | 8.82 | ± 9.6 % |
| 10624 | AAC | IEEE 802.11ac WiFi (40MHz, MCS8, 90pc dc) | WLAN | 8.96 | ± 9.6 % |

Certificate No:25J02Z000822

Page 17 of 23



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| | | | | | |
|-------|-----|---|-----------|-------|---------|
| 10625 | AAC | IEEE 802.11ac WiFi (40MHz, MCS9, 90pc dc) | WLAN | 8.96 | ± 9.6 % |
| 10626 | AAC | IEEE 802.11ac WiFi (80MHz, MCS0, 90pc dc) | WLAN | 8.83 | ± 9.6 % |
| 10627 | AAC | IEEE 802.11ac WiFi (80MHz, MCS1, 90pc dc) | WLAN | 8.88 | ± 9.6 % |
| 10628 | AAC | IEEE 802.11ac WiFi (80MHz, MCS2, 90pc dc) | WLAN | 8.71 | ± 9.6 % |
| 10629 | AAC | IEEE 802.11ac WiFi (80MHz, MCS3, 90pc dc) | WLAN | 8.85 | ± 9.6 % |
| 10630 | AAC | IEEE 802.11ac WiFi (80MHz, MCS4, 90pc dc) | WLAN | 8.72 | ± 9.6 % |
| 10631 | AAC | IEEE 802.11ac WiFi (80MHz, MCS5, 90pc dc) | WLAN | 8.81 | ± 9.6 % |
| 10632 | AAC | IEEE 802.11ac WiFi (80MHz, MCS6, 90pc dc) | WLAN | 8.74 | ± 9.6 % |
| 10633 | AAC | IEEE 802.11ac WiFi (80MHz, MCS7, 90pc dc) | WLAN | 8.83 | ± 9.6 % |
| 10634 | AAC | IEEE 802.11ac WiFi (80MHz, MCS8, 90pc dc) | WLAN | 8.80 | ± 9.6 % |
| 10635 | AAC | IEEE 802.11ac WiFi (80MHz, MCS9, 90pc dc) | WLAN | 8.81 | ± 9.6 % |
| 10636 | AAC | IEEE 802.11ac WiFi (160MHz, MCS0, 90pc dc) | WLAN | 8.83 | ± 9.6 % |
| 10637 | AAC | IEEE 802.11ac WiFi (160MHz, MCS1, 90pc dc) | WLAN | 8.79 | ± 9.6 % |
| 10638 | AAC | IEEE 802.11ac WiFi (160MHz, MCS2, 90pc dc) | WLAN | 8.86 | ± 9.6 % |
| 10639 | AAC | IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc) | WLAN | 8.85 | ± 9.6 % |
| 10640 | AAC | IEEE 802.11ac WiFi (160MHz, MCS4, 90pc dc) | WLAN | 8.98 | ± 9.6 % |
| 10641 | AAC | IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc) | WLAN | 9.06 | ± 9.6 % |
| 10642 | AAC | IEEE 802.11ac WiFi (160MHz, MCS6, 90pc dc) | WLAN | 9.06 | ± 9.6 % |
| 10643 | AAC | IEEE 802.11ac WiFi (160MHz, MCS7, 90pc dc) | WLAN | 8.89 | ± 9.6 % |
| 10644 | AAC | IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc) | WLAN | 9.05 | ± 9.6 % |
| 10645 | AAC | IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc) | WLAN | 9.11 | ± 9.6 % |
| 10646 | AAC | LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7) | LTE-TDD | 11.96 | ± 9.6 % |
| 10647 | AAC | LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7) | LTE-TDD | 11.96 | ± 9.6 % |
| 10648 | AAC | CDMA2000 (1x Advanced) | CDMA2000 | 3.45 | ± 9.6 % |
| 10652 | AAC | LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) | LTE-TDD | 6.91 | ± 9.6 % |
| 10653 | AAC | LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) | LTE-TDD | 7.42 | ± 9.6 % |
| 10654 | AAC | LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) | LTE-TDD | 6.96 | ± 9.6 % |
| 10655 | AAC | LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) | LTE-TDD | 7.21 | ± 9.6 % |
| 10658 | AAC | Pulse Waveform (200Hz, 10%) | Test | 10.00 | ± 9.6 % |
| 10659 | AAC | Pulse Waveform (200Hz, 20%) | Test | 6.99 | ± 9.6 % |
| 10660 | AAC | Pulse Waveform (200Hz, 40%) | Test | 3.98 | ± 9.6 % |
| 10661 | AAC | Pulse Waveform (200Hz, 60%) | Test | 2.22 | ± 9.6 % |
| 10662 | AAC | Pulse Waveform (200Hz, 80%) | Test | 0.97 | ± 9.6 % |
| 10670 | AAC | Bluetooth Low Energy | Bluetooth | 2.19 | ± 9.6 % |
| 10671 | AAD | IEEE 802.11ax (20MHz, MCS0, 90pc dc) | WLAN | 9.09 | ± 9.6 % |
| 10672 | AAD | IEEE 802.11ax (20MHz, MCS1, 90pc dc) | WLAN | 8.57 | ± 9.6 % |
| 10673 | AAD | IEEE 802.11ax (20MHz, MCS2, 90pc dc) | WLAN | 8.78 | ± 9.6 % |
| 10674 | AAD | IEEE 802.11ax (20MHz, MCS3, 90pc dc) | WLAN | 8.74 | ± 9.6 % |
| 10675 | AAD | IEEE 802.11ax (20MHz, MCS4, 90pc dc) | WLAN | 8.90 | ± 9.6 % |
| 10676 | AAD | IEEE 802.11ax (20MHz, MCS5, 90pc dc) | WLAN | 8.77 | ± 9.6 % |
| 10677 | AAD | IEEE 802.11ax (20MHz, MCS6, 90pc dc) | WLAN | 8.73 | ± 9.6 % |
| 10678 | AAD | IEEE 802.11ax (20MHz, MCS7, 90pc dc) | WLAN | 8.78 | ± 9.6 % |
| 10679 | AAD | IEEE 802.11ax (20MHz, MCS8, 90pc dc) | WLAN | 8.89 | ± 9.6 % |
| 10680 | AAD | IEEE 802.11ax (20MHz, MCS9, 90pc dc) | WLAN | 8.80 | ± 9.6 % |
| 10681 | AAG | IEEE 802.11ax (20MHz, MCS10, 90pc dc) | WLAN | 8.62 | ± 9.6 % |
| 10682 | AAF | IEEE 802.11ax (20MHz, MCS11, 90pc dc) | WLAN | 8.83 | ± 9.6 % |
| 10683 | AAA | IEEE 802.11ax (20MHz, MCS0, 99pc dc) | WLAN | 8.42 | ± 9.6 % |
| 10684 | AAC | IEEE 802.11ax (20MHz, MCS1, 99pc dc) | WLAN | 8.26 | ± 9.6 % |
| 10685 | AAC | IEEE 802.11ax (20MHz, MCS2, 99pc dc) | WLAN | 8.33 | ± 9.6 % |
| 10686 | AAC | IEEE 802.11ax (20MHz, MCS3, 99pc dc) | WLAN | 8.28 | ± 9.6 % |
| 10687 | AAE | IEEE 802.11ax (20MHz, MCS4, 99pc dc) | WLAN | 8.45 | ± 9.6 % |
| 10688 | AAE | IEEE 802.11ax (20MHz, MCS5, 99pc dc) | WLAN | 8.29 | ± 9.6 % |
| 10689 | AAD | IEEE 802.11ax (20MHz, MCS6, 99pc dc) | WLAN | 8.55 | ± 9.6 % |
| 10690 | AAE | IEEE 802.11ax (20MHz, MCS7, 99pc dc) | WLAN | 8.29 | ± 9.6 % |
| 10691 | AAB | IEEE 802.11ax (20MHz, MCS8, 99pc dc) | WLAN | 8.25 | ± 9.6 % |
| 10692 | AAA | IEEE 802.11ax (20MHz, MCS9, 99pc dc) | WLAN | 8.29 | ± 9.6 % |
| 10693 | AAA | IEEE 802.11ax (20MHz, MCS10, 99pc dc) | WLAN | 8.25 | ± 9.6 % |
| 10694 | AAA | IEEE 802.11ax (20MHz, MCS11, 99pc dc) | WLAN | 8.57 | ± 9.6 % |
| 10695 | AAA | IEEE 802.11ax (40MHz, MCS0, 90pc dc) | WLAN | 8.78 | ± 9.6 % |

Certificate No:25J02Z000822

Page 18 of 23



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| | | | | | |
|-------|-----|--|------|------|---------|
| 10696 | AAA | IEEE 802.11ax (40MHz, MCS1, 90pc dc) | WLAN | 8.91 | ± 9.6 % |
| 10697 | AAA | IEEE 802.11ax (40MHz, MCS2, 90pc dc) | WLAN | 8.61 | ± 9.6 % |
| 10698 | AAA | IEEE 802.11ax (40MHz, MCS3, 90pc dc) | WLAN | 8.89 | ± 9.6 % |
| 10699 | AAA | IEEE 802.11ax (40MHz, MCS4, 90pc dc) | WLAN | 8.82 | ± 9.6 % |
| 10700 | AAA | IEEE 802.11ax (40MHz, MCS5, 90pc dc) | WLAN | 8.73 | ± 9.6 % |
| 10701 | AAA | IEEE 802.11ax (40MHz, MCS6, 90pc dc) | WLAN | 8.86 | ± 9.6 % |
| 10702 | AAA | IEEE 802.11ax (40MHz, MCS7, 90pc dc) | WLAN | 8.70 | ± 9.6 % |
| 10703 | AAA | IEEE 802.11ax (40MHz, MCS8, 90pc dc) | WLAN | 8.82 | ± 9.6 % |
| 10704 | AAA | IEEE 802.11ax (40MHz, MCS9, 90pc dc) | WLAN | 8.56 | ± 9.6 % |
| 10705 | AAA | IEEE 802.11ax (40MHz, MCS10, 90pc dc) | WLAN | 8.69 | ± 9.6 % |
| 10706 | AAC | IEEE 802.11ax (40MHz, MCS11, 90pc dc) | WLAN | 8.66 | ± 9.6 % |
| 10707 | AAC | IEEE 802.11ax (40MHz, MCS0, 99pc dc) | WLAN | 8.32 | ± 9.6 % |
| 10708 | AAC | IEEE 802.11ax (40MHz, MCS1, 99pc dc) | WLAN | 8.55 | ± 9.6 % |
| 10709 | AAC | IEEE 802.11ax (40MHz, MCS2, 99pc dc) | WLAN | 8.33 | ± 9.6 % |
| 10710 | AAC | IEEE 802.11ax (40MHz, MCS3, 99pc dc) | WLAN | 8.29 | ± 9.6 % |
| 10711 | AAC | IEEE 802.11ax (40MHz, MCS4, 99pc dc) | WLAN | 8.39 | ± 9.6 % |
| 10712 | AAC | IEEE 802.11ax (40MHz, MCS5, 99pc dc) | WLAN | 8.67 | ± 9.6 % |
| 10713 | AAC | IEEE 802.11ax (40MHz, MCS6, 99pc dc) | WLAN | 8.33 | ± 9.6 % |
| 10714 | AAC | IEEE 802.11ax (40MHz, MCS7, 99pc dc) | WLAN | 8.26 | ± 9.6 % |
| 10715 | AAC | IEEE 802.11ax (40MHz, MCS8, 99pc dc) | WLAN | 8.45 | ± 9.6 % |
| 10716 | AAC | IEEE 802.11ax (40MHz, MCS9, 99pc dc) | WLAN | 8.30 | ± 9.6 % |
| 10717 | AAC | IEEE 802.11ax (40MHz, MCS10, 99pc dc) | WLAN | 8.48 | ± 9.6 % |
| 10718 | AAC | IEEE 802.11ax (40MHz, MCS11, 99pc dc) | WLAN | 8.24 | ± 9.6 % |
| 10719 | AAC | IEEE 802.11ax (80MHz, MCS0, 90pc dc) | WLAN | 8.81 | ± 9.6 % |
| 10720 | AAC | IEEE 802.11ax (80MHz, MCS1, 90pc dc) | WLAN | 8.87 | ± 9.6 % |
| 10721 | AAC | IEEE 802.11ax (80MHz, MCS2, 90pc dc) | WLAN | 8.76 | ± 9.6 % |
| 10722 | AAC | IEEE 802.11ax (80MHz, MCS3, 90pc dc) | WLAN | 8.55 | ± 9.6 % |
| 10723 | AAC | IEEE 802.11ax (80MHz, MCS4, 90pc dc) | WLAN | 8.70 | ± 9.6 % |
| 10724 | AAC | IEEE 802.11ax (80MHz, MCS5, 90pc dc) | WLAN | 8.90 | ± 9.6 % |
| 10725 | AAC | IEEE 802.11ax (80MHz, MCS6, 90pc dc) | WLAN | 8.74 | ± 9.6 % |
| 10726 | AAC | IEEE 802.11ax (80MHz, MCS7, 90pc dc) | WLAN | 8.72 | ± 9.6 % |
| 10727 | AAC | IEEE 802.11ax (80MHz, MCS8, 90pc dc) | WLAN | 8.66 | ± 9.6 % |
| 10728 | AAC | IEEE 802.11ax (80MHz, MCS9, 90pc dc) | WLAN | 8.65 | ± 9.6 % |
| 10729 | AAC | IEEE 802.11ax (80MHz, MCS10, 90pc dc) | WLAN | 8.64 | ± 9.6 % |
| 10730 | AAC | IEEE 802.11ax (80MHz, MCS11, 90pc dc) | WLAN | 8.67 | ± 9.6 % |
| 10731 | AAC | IEEE 802.11ax (80MHz, MCS0, 99pc dc) | WLAN | 8.42 | ± 9.6 % |
| 10732 | AAC | IEEE 802.11ax (80MHz, MCS1, 99pc dc) | WLAN | 8.46 | ± 9.6 % |
| 10733 | AAC | IEEE 802.11ax (80MHz, MCS2, 99pc dc) | WLAN | 8.40 | ± 9.6 % |
| 10734 | AAC | IEEE 802.11ax (80MHz, MCS3, 99pc dc) | WLAN | 8.25 | ± 9.6 % |
| 10735 | AAC | IEEE 802.11ax (80MHz, MCS4, 99pc dc) | WLAN | 8.33 | ± 9.6 % |
| 10736 | AAC | IEEE 802.11ax (80MHz, MCS5, 99pc dc) | WLAN | 8.27 | ± 9.6 % |
| 10737 | AAC | IEEE 802.11ax (80MHz, MCS6, 99pc dc) | WLAN | 8.36 | ± 9.6 % |
| 10738 | AAC | IEEE 802.11ax (80MHz, MCS7, 99pc dc) | WLAN | 8.42 | ± 9.6 % |
| 10739 | AAC | IEEE 802.11ax (80MHz, MCS8, 99pc dc) | WLAN | 8.29 | ± 9.6 % |
| 10740 | AAC | IEEE 802.11ax (80MHz, MCS9, 99pc dc) | WLAN | 8.48 | ± 9.6 % |
| 10741 | AAC | IEEE 802.11ax (80MHz, MCS10, 99pc dc) | WLAN | 8.40 | ± 9.6 % |
| 10742 | AAC | IEEE 802.11ax (80MHz, MCS11, 99pc dc) | WLAN | 8.43 | ± 9.6 % |
| 10743 | AAC | IEEE 802.11ax (160MHz, MCS0, 90pc dc) | WLAN | 8.94 | ± 9.6 % |
| 10744 | AAC | IEEE 802.11ax (160MHz, MCS1, 90pc dc) | WLAN | 9.16 | ± 9.6 % |
| 10745 | AAC | IEEE 802.11ax (160MHz, MCS2, 90pc dc) | WLAN | 8.93 | ± 9.6 % |
| 10746 | AAC | IEEE 802.11ax (160MHz, MCS3, 90pc dc) | WLAN | 9.11 | ± 9.6 % |
| 10747 | AAC | IEEE 802.11ax (160MHz, MCS4, 90pc dc) | WLAN | 9.04 | ± 9.6 % |
| 10748 | AAC | IEEE 802.11ax (160MHz, MCS5, 90pc dc) | WLAN | 8.93 | ± 9.6 % |
| 10749 | AAC | IEEE 802.11ax (160MHz, MCS6, 90pc dc) | WLAN | 8.90 | ± 9.6 % |
| 10750 | AAC | IEEE 802.11ax (160MHz, MCS7, 90pc dc) | WLAN | 8.79 | ± 9.6 % |
| 10751 | AAC | IEEE 802.11ax (160MHz, MCS8, 90pc dc) | WLAN | 8.82 | ± 9.6 % |
| 10752 | AAC | IEEE 802.11ax (160MHz, MCS9, 90pc dc) | WLAN | 8.81 | ± 9.6 % |
| 10753 | AAC | IEEE 802.11ax (160MHz, MCS10, 90pc dc) | WLAN | 9.00 | ± 9.6 % |
| 10754 | AAC | IEEE 802.11ax (160MHz, MCS11, 90pc dc) | WLAN | 8.94 | ± 9.6 % |

Certificate No:25J02Z000822

Page 19 of 23



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| | | | | | |
|-------|-----|--|---------------|------|---------|
| 10755 | AAC | IEEE 802.11ax (160MHz, MCS0, 99pc dc) | WLAN | 8.64 | ± 9.6 % |
| 10756 | AAC | IEEE 802.11ax (160MHz, MCS1, 99pc dc) | WLAN | 8.77 | ± 9.6 % |
| 10757 | AAC | IEEE 802.11ax (160MHz, MCS2, 99pc dc) | WLAN | 8.77 | ± 9.6 % |
| 10758 | AAC | IEEE 802.11ax (160MHz, MCS3, 99pc dc) | WLAN | 8.69 | ± 9.6 % |
| 10759 | AAC | IEEE 802.11ax (160MHz, MCS4, 99pc dc) | WLAN | 8.58 | ± 9.6 % |
| 10760 | AAC | IEEE 802.11ax (160MHz, MCS5, 99pc dc) | WLAN | 8.49 | ± 9.6 % |
| 10761 | AAC | IEEE 802.11ax (160MHz, MCS6, 99pc dc) | WLAN | 8.58 | ± 9.6 % |
| 10762 | AAC | IEEE 802.11ax (160MHz, MCS7, 99pc dc) | WLAN | 8.49 | ± 9.6 % |
| 10763 | AAC | IEEE 802.11ax (160MHz, MCS8, 99pc dc) | WLAN | 8.53 | ± 9.6 % |
| 10764 | AAC | IEEE 802.11ax (160MHz, MCS9, 99pc dc) | WLAN | 8.54 | ± 9.6 % |
| 10765 | AAC | IEEE 802.11ax (160MHz, MCS10, 99pc dc) | WLAN | 8.54 | ± 9.6 % |
| 10766 | AAC | IEEE 802.11ax (160MHz, MCS11, 99pc dc) | WLAN | 8.51 | ± 9.6 % |
| 10767 | AAC | 5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 7.99 | ± 9.6 % |
| 10768 | AAC | 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.01 | ± 9.6 % |
| 10769 | AAC | 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.01 | ± 9.6 % |
| 10770 | AAC | 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.02 | ± 9.6 % |
| 10771 | AAC | 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.02 | ± 9.6 % |
| 10772 | AAC | 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.23 | ± 9.6 % |
| 10773 | AAC | 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.03 | ± 9.6 % |
| 10774 | AAC | 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.02 | ± 9.6 % |
| 10775 | AAC | 5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.31 | ± 9.6 % |
| 10776 | AAC | 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.30 | ± 9.6 % |
| 10777 | AAC | 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.30 | ± 9.6 % |
| 10778 | AAC | 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.34 | ± 9.6 % |
| 10779 | AAC | 5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.42 | ± 9.6 % |
| 10780 | AAC | 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.38 | ± 9.6 % |
| 10781 | AAC | 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.38 | ± 9.6 % |
| 10782 | AAC | 5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.43 | ± 9.6 % |
| 10783 | AAC | 5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.31 | ± 9.6 % |
| 10784 | AAC | 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.29 | ± 9.6 % |
| 10785 | AAC | 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.40 | ± 9.6 % |
| 10786 | AAC | 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.35 | ± 9.6 % |
| 10787 | AAC | 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.44 | ± 9.6 % |
| 10788 | AAC | 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.39 | ± 9.6 % |
| 10789 | AAC | 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.37 | ± 9.6 % |
| 10790 | AAC | 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 8.39 | ± 9.6 % |
| 10791 | AAC | 5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.83 | ± 9.6 % |
| 10792 | AAC | 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.92 | ± 9.6 % |
| 10793 | AAC | 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.95 | ± 9.6 % |
| 10794 | AAC | 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.82 | ± 9.6 % |
| 10795 | AAC | 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.84 | ± 9.6 % |
| 10796 | AAC | 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.82 | ± 9.6 % |
| 10797 | AAC | 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.01 | ± 9.6 % |
| 10798 | AAC | 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.89 | ± 9.6 % |
| 10799 | AAC | 5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.93 | ± 9.6 % |
| 10801 | AAC | 5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.89 | ± 9.6 % |
| 10802 | AAC | 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.87 | ± 9.6 % |
| 10803 | AAC | 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 7.93 | ± 9.6 % |
| 10805 | AAD | 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.34 | ± 9.6 % |
| 10806 | AAD | 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.37 | ± 9.6 % |
| 10809 | AAD | 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.34 | ± 9.6 % |
| 10810 | AAD | 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.34 | ± 9.6 % |
| 10812 | AAD | 5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.35 | ± 9.6 % |
| 10817 | AAD | 5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.35 | ± 9.6 % |
| 10818 | AAD | 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.34 | ± 9.6 % |
| 10819 | AAD | 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.33 | ± 9.6 % |
| 10820 | AAD | 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.30 | ± 9.6 % |
| 10821 | AAC | 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.41 | ± 9.6 % |
| 10822 | AAD | 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.41 | ± 9.6 % |

Certificate No:25J02Z000822

Page 20 of 23



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|-------|-----|--|---------------|------|--------|
| 10823 | AAC | 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.36 | ±9.6 % |
| 10824 | AAD | 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.39 | ±9.6 % |
| 10825 | AAD | 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.41 | ±9.6 % |
| 10827 | AAD | 5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.42 | ±9.6 % |
| 10828 | AAE | 5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.43 | ±9.6 % |
| 10829 | AAD | 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 8.40 | ±9.6 % |
| 10830 | AAD | 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.63 | ±9.6 % |
| 10831 | AAD | 5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.73 | ±9.6 % |
| 10832 | AAD | 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.74 | ±9.6 % |
| 10833 | AAD | 5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.70 | ±9.6 % |
| 10834 | AAD | 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.75 | ±9.6 % |
| 10835 | AAD | 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.70 | ±9.6 % |
| 10836 | AAE | 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.66 | ±9.6 % |
| 10837 | AAD | 5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.68 | ±9.6 % |
| 10839 | AAD | 5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.70 | ±9.6 % |
| 10840 | AAD | 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.67 | ±9.6 % |
| 10841 | AAD | 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 7.71 | ±9.6 % |
| 10843 | AAD | 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.49 | ±9.6 % |
| 10844 | AAD | 5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.34 | ±9.6 % |
| 10846 | AAD | 5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.41 | ±9.6 % |
| 10854 | AAD | 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.34 | ±9.6 % |
| 10855 | AAD | 5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.36 | ±9.6 % |
| 10856 | AAD | 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.37 | ±9.6 % |
| 10857 | AAD | 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.35 | ±9.6 % |
| 10858 | AAD | 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.36 | ±9.6 % |
| 10859 | AAD | 5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.34 | ±9.6 % |
| 10860 | AAD | 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.41 | ±9.6 % |
| 10861 | AAD | 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.40 | ±9.6 % |
| 10863 | AAD | 5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.41 | ±9.6 % |
| 10864 | AAE | 5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.37 | ±9.6 % |
| 10865 | AAD | 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz) | 5G NR FR1 TDD | 8.41 | ±9.6 % |
| 10866 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.68 | ±9.6 % |
| 10868 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.89 | ±9.6 % |
| 10869 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 5.75 | ±9.6 % |
| 10870 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 5.86 | ±9.6 % |
| 10871 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 5.75 | ±9.6 % |
| 10872 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 6.52 | ±9.6 % |
| 10873 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 6.61 | ±9.6 % |
| 10874 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 6.65 | ±9.6 % |
| 10875 | AAD | 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 7.76 | ±9.6 % |
| 10876 | AAD | 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 5.39 | ±9.6 % |
| 10877 | AAD | 5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 7.95 | ±9.6 % |
| 10878 | AAD | 5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 8.41 | ±9.6 % |
| 10879 | AAD | 5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 8.12 | ±9.6 % |
| 10880 | AAD | 5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 8.38 | ±9.6 % |
| 10881 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 5.75 | ±9.6 % |
| 10882 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 5.96 | ±9.6 % |
| 10883 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 6.57 | ±9.6 % |
| 10884 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 6.53 | ±9.6 % |
| 10885 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 6.61 | ±9.6 % |
| 10886 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 6.65 | ±9.6 % |
| 10887 | AAD | 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 7.78 | ±9.6 % |
| 10888 | AAD | 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) | 5G NR FR2 TDD | 8.35 | ±9.6 % |
| 10889 | AAD | 5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 8.02 | ±9.6 % |
| 10890 | AAD | 5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz) | 5G NR FR2 TDD | 8.40 | ±9.6 % |
| 10891 | AAD | 5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 8.13 | ±9.6 % |
| 10892 | AAD | 5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) | 5G NR FR2 TDD | 8.41 | ±9.6 % |
| 10897 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.66 | ±9.6 % |
| 10898 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.67 | ±9.6 % |

Certificate No.25J02Z000822

Page 21 of 23



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|-------|-----|--|---------------|------|---------|
| 10899 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.67 | ± 9.6 % |
| 10900 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.68 | ± 9.6 % |
| 10901 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.68 | ± 9.6 % |
| 10902 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.68 | ± 9.6 % |
| 10903 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.68 | ± 9.6 % |
| 10904 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.68 | ± 9.6 % |
| 10905 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.68 | ± 9.6 % |
| 10906 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.68 | ± 9.6 % |
| 10907 | AAD | 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.78 | ± 9.6 % |
| 10908 | AAD | 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.93 | ± 9.6 % |
| 10909 | AAD | 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.96 | ± 9.6 % |
| 10910 | AAD | 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.83 | ± 9.6 % |
| 10911 | AAD | 5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.93 | ± 9.6 % |
| 10912 | AAD | 5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.84 | ± 9.6 % |
| 10913 | AAD | 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.84 | ± 9.6 % |
| 10914 | AAD | 5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.85 | ± 9.6 % |
| 10915 | AAD | 5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.83 | ± 9.6 % |
| 10916 | AAD | 5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.87 | ± 9.6 % |
| 10917 | AAD | 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.94 | ± 9.6 % |
| 10918 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.86 | ± 9.6 % |
| 10919 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.86 | ± 9.6 % |
| 10920 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.87 | ± 9.6 % |
| 10921 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.84 | ± 9.6 % |
| 10922 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.82 | ± 9.6 % |
| 10923 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.84 | ± 9.6 % |
| 10924 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.84 | ± 9.6 % |
| 10925 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.95 | ± 9.6 % |
| 10926 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.84 | ± 9.6 % |
| 10927 | AAD | 5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 5.94 | ± 9.6 % |
| 10928 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.52 | ± 9.6 % |
| 10929 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.52 | ± 9.6 % |
| 10930 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.52 | ± 9.6 % |
| 10931 | AAD | 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.51 | ± 9.6 % |
| 10932 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.51 | ± 9.6 % |
| 10933 | AAA | 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.51 | ± 9.6 % |
| 10934 | AAA | 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.51 | ± 9.6 % |
| 10935 | AAA | 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.51 | ± 9.6 % |
| 10936 | AAC | 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.90 | ± 9.6 % |
| 10937 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.77 | ± 9.6 % |
| 10938 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.90 | ± 9.6 % |
| 10939 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.82 | ± 9.6 % |
| 10940 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.89 | ± 9.6 % |
| 10941 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.83 | ± 9.6 % |
| 10942 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.85 | ± 9.6 % |
| 10943 | AAB | 5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.95 | ± 9.6 % |
| 10944 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.81 | ± 9.6 % |
| 10945 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.85 | ± 9.6 % |
| 10946 | AAC | 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.83 | ± 9.6 % |
| 10947 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.87 | ± 9.6 % |
| 10948 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.94 | ± 9.6 % |
| 10949 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.87 | ± 9.6 % |
| 10950 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.94 | ± 9.6 % |
| 10951 | AAB | 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) | 5G NR FR1 FDD | 5.92 | ± 9.6 % |
| 10952 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) | 5G NR FR1 FDD | 8.25 | ± 9.6 % |
| 10953 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) | 5G NR FR1 FDD | 8.15 | ± 9.6 % |
| 10954 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) | 5G NR FR1 FDD | 8.23 | ± 9.6 % |
| 10955 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) | 5G NR FR1 FDD | 8.42 | ± 9.6 % |
| 10956 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) | 5G NR FR1 FDD | 8.14 | ± 9.6 % |
| 10957 | AAC | 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) | 5G NR FR1 FDD | 8.31 | ± 9.6 % |

Certificate No:25J02Z000822

Page 22 of 23



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| | | | | | |
|-------|-----|---|---------------|-------|---------|
| 10958 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) | 5G NR FR1 FDD | 8.61 | ± 9.6 % |
| 10959 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) | 5G NR FR1 FDD | 8.33 | ± 9.6 % |
| 10960 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) | 5G NR FR1 TDD | 9.32 | ± 9.6 % |
| 10961 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) | 5G NR FR1 TDD | 9.36 | ± 9.6 % |
| 10962 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) | 5G NR FR1 TDD | 9.40 | ± 9.6 % |
| 10963 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) | 5G NR FR1 TDD | 9.55 | ± 9.6 % |
| 10964 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.29 | ± 9.6 % |
| 10965 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.37 | ± 9.6 % |
| 10966 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.55 | ± 9.6 % |
| 10967 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.42 | ± 9.6 % |
| 10968 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.49 | ± 9.6 % |
| 10972 | AAB | 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) | 5G NR FR1 TDD | 11.59 | ± 9.6 % |
| 10973 | AAB | 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) | 5G NR FR1 TDD | 9.06 | ± 9.6 % |
| 10974 | AAB | 5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz) | 5G NR FR1 TDD | 10.28 | ± 9.6 % |
| 10978 | AAA | ULLA BDR | ULLA | 1.16 | ± 9.6 % |
| 10979 | AAA | ULLA HDR4 | ULLA | 8.58 | ± 9.6 % |
| 10980 | AAA | ULLA HDR8 | ULLA | 10.32 | ± 9.6 % |
| 10981 | AAA | ULLA HDRp4 | ULLA | 3.19 | ± 9.6 % |
| 10982 | AAA | ULLA HDRp8 | ULLA | 3.43 | ± 9.6 % |
| 10983 | AAC | 5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz) | 5G NR FR1 TDD | 9.31 | ± 9.6 % |
| 10984 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz) | 5G NR FR1 TDD | 9.42 | ± 9.6 % |
| 10985 | AAC | 5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.54 | ± 9.6 % |
| 10986 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.50 | ± 9.6 % |
| 10987 | AAC | 5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.53 | ± 9.6 % |
| 10988 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.38 | ± 9.6 % |
| 10989 | AAC | 5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.33 | ± 9.6 % |
| 10990 | AAB | 5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 9.52 | ± 9.6 % |
| 11003 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz) | 5G NR FR1 TDD | 10.24 | ± 9.6 % |
| 11004 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz) | 5G NR FR1 TDD | 10.73 | ± 9.6 % |
| 11005 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 15 kHz) | 5G NR FR1 FDD | 8.70 | ± 9.6 % |
| 11006 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz) | 5G NR FR1 FDD | 8.55 | ± 9.6 % |
| 11007 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz) | 5G NR FR1 FDD | 8.46 | ± 9.6 % |
| 11008 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz) | 5G NR FR1 FDD | 8.51 | ± 9.6 % |
| 11009 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 30 kHz) | 5G NR FR1 FDD | 8.76 | ± 9.6 % |
| 11010 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz) | 5G NR FR1 FDD | 8.95 | ± 9.6 % |
| 11011 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz) | 5G NR FR1 FDD | 8.96 | ± 9.6 % |
| 11012 | AAA | 5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz) | 5G NR FR1 FDD | 8.68 | ± 9.6 % |
| 11013 | AAB | IEEE 802.11be (320MHz, MCS1, 99pc duty cycle) | WLAN | 8.47 | ± 9.6 % |
| 11014 | AAB | IEEE 802.11be (320MHz, MCS2, 99pc duty cycle) | WLAN | 8.45 | ± 9.6 % |
| 11015 | AAB | IEEE 802.11be (320MHz, MCS3, 99pc duty cycle) | WLAN | 8.44 | ± 9.6 % |
| 11016 | AAB | IEEE 802.11be (320MHz, MCS4, 99pc duty cycle) | WLAN | 8.44 | ± 9.6 % |
| 11017 | AAB | IEEE 802.11be (320MHz, MCS5, 99pc duty cycle) | WLAN | 8.41 | ± 9.6 % |
| 11018 | AAB | IEEE 802.11be (320MHz, MCS6, 99pc duty cycle) | WLAN | 8.40 | ± 9.6 % |
| 11019 | AAB | IEEE 802.11be (320MHz, MCS7, 99pc duty cycle) | WLAN | 8.29 | ± 9.6 % |
| 11020 | AAB | IEEE 802.11be (320MHz, MCS8, 99pc duty cycle) | WLAN | 8.27 | ± 9.6 % |
| 11021 | AAB | IEEE 802.11be (320MHz, MCS9, 99pc duty cycle) | WLAN | 8.46 | ± 9.6 % |
| 11022 | AAB | IEEE 802.11be (320MHz, MCS10, 99pc duty cycle) | WLAN | 8.36 | ± 9.6 % |
| 11023 | AAB | IEEE 802.11be (320MHz, MCS11, 99pc duty cycle) | WLAN | 8.09 | ± 9.6 % |
| 11024 | AAB | IEEE 802.11be (320MHz, MCS12, 99pc duty cycle) | WLAN | 8.42 | ± 9.6 % |
| 11025 | AAB | IEEE 802.11be (320MHz, MCS13, 99pc duty cycle) | WLAN | 8.37 | ± 9.6 % |
| 11026 | AAB | IEEE 802.11be (320MHz, MCS0, 99pc duty cycle) | WLAN | 8.39 | ± 9.6 % |

* Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

APPENDIX C DIPOLE CALIBRATION CERTIFICATES

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CALIBRATION
CNAS L0570

Client **BACL(Shenzhen)**Certificate No: **26J02Z000085****CALIBRATION CERTIFICATE**Object **D750V3 - SN: 1229**Calibration Procedure(s) **FF-Z11-0003-02**
Calibration Procedures for dipole validation kitsCalibration date: **February 4, 2026**

This calibration Certificate documents the traceability to national standards, which realize the physical units of measurements (SI). The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22±3)°C and humidity<70%.

Calibration Equipment used (M&TE critical for calibration)

| Primary Standards | ID # | Cal Date (Calibrated by, Certificate No.) | Scheduled Calibration |
|------------------------|------------|---|-----------------------|
| Power Meter NRP2 | 106276 | 16-May-25 (CTTL, No. 25J02X003423) | May-26 |
| Power sensor NRP6A | 101369 | 16-May-25 (CTTL, No. 25J02X003423) | May-26 |
| Reference Probe EX3DV4 | SN 7600 | 19-Jan-26(CTTL-SPEAG, No. 26J02Z000008) | Jan-27 |
| DAE4 | SN 1588 | 29-Aug-25(CTTL-SPEAG, No. 25J02Z000631) | Aug-26 |
| Secondary Standards | ID # | Cal Date (Calibrated by, Certificate No.) | Scheduled Calibration |
| SignalGeneratorSMA200A | 107732 | 01-Dec-25 (CTTL, No. 25J02X102467) | Nov-26 |
| NetworkAnalyzer E5071C | MY46110673 | 26-Nov-25 (CTTL, No. 25J02X102468) | Nov-26 |
| OCP DAKS-3.5 | 0015 | 20-Oct-25(SPEAG, No. OCP-DAKS-0015_Oct25) | Oct-26 |

| | Name | Function | Signature |
|----------------|-------------|--------------------|-----------|
| Calibrated by: | Zhao Jing | SAR Test Engineer | |
| Reviewed by: | Lin Jun | SAR Test Engineer | |
| Approved by: | Qi Dianyuan | SAR Project Leader | |

Issued: February 13, 2026

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

Certificate No: 26J02Z000085

Page 1 of 6



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**Glossary:**

| | |
|-------|--|
| TSL | tissue simulating liquid |
| ConvF | sensitivity in TSL / NORM _{x,y,z} |
| N/A | not applicable or not measured |

Calibration is Performed According to the Following Standards:

- IEC/IEEE 62209-1528, "Measurement Procedure for The Assessment of Specific Absorption Rate of Human Exposure to Radio Frequency Fields from Hand-held and Body-mounted Wireless Communication Devices- Part 1528: Human Models, Instrumentation and Procedures (Frequency range of 4 MHz to 10 GHz)", October 2020
- KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Additional Documentation:

- DASY System Handbook

Methods Applied and Interpretation of Parameters:

- *Measurement Conditions:* Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- *Antenna Parameters with TSL:* The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- *Feed Point Impedance and Return Loss:* These parameters are measured with the dipole positioned under the liquid filled phantom. The impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- *SAR measured:* SAR measured at the stated antenna input power.
- *SAR normalized:* SAR as measured, normalized to an input power of 1 W at the antenna connector.
- *SAR for nominal TSL parameters:* The measured TSL parameters are used to calculate the nominal SAR result.

The reported uncertainty of measurement is stated as the standard uncertainty of Measurement multiplied by the coverage factor $k=2$, which for a normal distribution Corresponds to a coverage probability of approximately 95%.



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Measurement Conditions

DASY system configuration, as far as not given on page 1.

| | | |
|------------------------------|------------------------|-------------|
| DASY Version | DASY6 | V17.0.0 |
| Extrapolation | Advanced Extrapolation | |
| Phantom | Modular Flat Phantom | |
| Distance Dipole Center - TSL | 15 mm | with Spacer |
| Frequency | 750 MHz \pm 1 MHz | |

Head TSL parameters at 750 MHz

The following parameters and calculations were applied.

| | Temperature | Permittivity | Conductivity |
|---|---------------------|----------------|----------------------|
| Nominal Head TSL parameters | 22.0 °C | 41.9 | 0.89 mho/m |
| Measured Head TSL parameters | (22.0 \pm 0.2) °C | 41.7 \pm 6 % | 0.89 mho/m \pm 6 % |
| Head TSL temperature change during test | <1.0 °C | ---- | ---- |

SAR result with Head TSL at 750 MHz

| | | |
|--|--------------------|----------------------------|
| SAR averaged over 1 cm^3 (1 g) of Head TSL | Condition | |
| SAR measured | 24 dBm input power | 2.12 W/kg |
| SAR for nominal Head TSL parameters | normalized to 1W | 8.50 W/kg \pm 20 % (k=2) |
| SAR averaged over 10 cm^3 (10 g) of Head TSL | Condition | |
| SAR measured | 24 dBm input power | 1.39 W/kg |
| SAR for nominal Head TSL parameters | normalized to 1W | 5.57 W/kg \pm 20 % (k=2) |



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Appendix (Additional assessments outside the scope of CNAS L0570)

Antenna Parameters with Head TSL at 750 MHz

| | |
|--------------------------------------|---------------|
| Impedance, transformed to feed point | 52.4Ω- 1.62jΩ |
| Return Loss | - 30.9dB |

General Antenna Parameters and Design

| | |
|----------------------------------|----------|
| Electrical Delay (one direction) | 0.942 ns |
|----------------------------------|----------|

After long term use with 100W radiated power, only a slight warming of the dipole near the feed-point can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard. No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feed-point may be damaged.

Additional EUT Data

| | |
|-----------------|-------|
| Manufactured by | SPEAG |
|-----------------|-------|



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DASY6 Validation Report for Head TSL

Date: 2026-02-04

Test Laboratory: CTTL, Beijing, China

Summary

| Dipole | Frequency [MHz] | TSL | Power [dBm] |
|------------------|-----------------|-----|-------------|
| D750V3 – SN 1229 | 750 | HSL | 24 |

Exposure Conditions

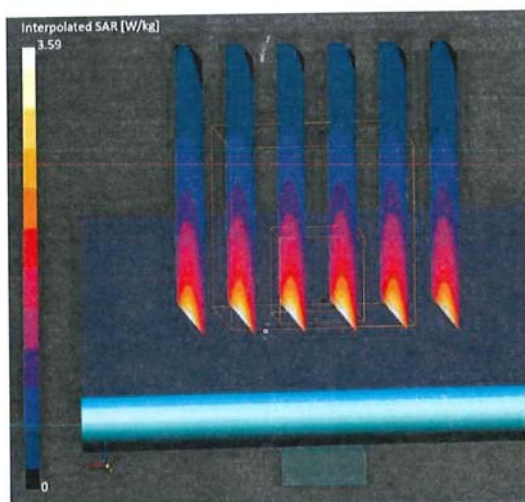
| Phantom | Position, Test | Band Group, | Frequency | Conversion | TSL Cond. | TSL |
|--------------|----------------|-------------|-----------|------------|-----------|--------------|
| Section, TSL | Distance [mm] | UID | [MHz] | Factor | [S/m] | Permittivity |
| Flat | 15 | CW, | 750 | 10.82 | 0.886 | 41.7 |

Hardware Setup

| Phantom | TSL | Probe, Calibration Date | DAE, Calibration Date |
|-----------------|---------|-----------------------------|-------------------------|
| MFP V8.0 Center | 750Head | EX3DV4 - SN7600, 2026-01-19 | DAE4 Sn1588, 2025-08-29 |

Scan Setup**Measurement Results**

| | Zoom Scan | | Zoom Scan |
|---------------------|----------------|---------------------|---------------|
| Grid Extents [mm] | 30.0×30.0×30.0 | psSAR1g [W/kg] | 2.12 |
| Grid Steps [mm] | 6.0×6.0×1.5 | psSAR10g [W/kg] | 1.39 |
| Sensor Surface [mm] | 1.4 | Power Drift [dB] | 0.00 |
| Graded Grid | Yes | Power Scaling | Disabled |
| Grading Ratio | 1.5 | Scaling Factor [dB] | |
| MAIA | N/A | TSL Correction | No correction |
| Surface Detection | VMS + 6p | M2/M1 [%] | 82.2 |
| Scan Method | Measured | Dist 3dB Peak [mm] | 19.0 |



Certificate No: 26J02Z000085

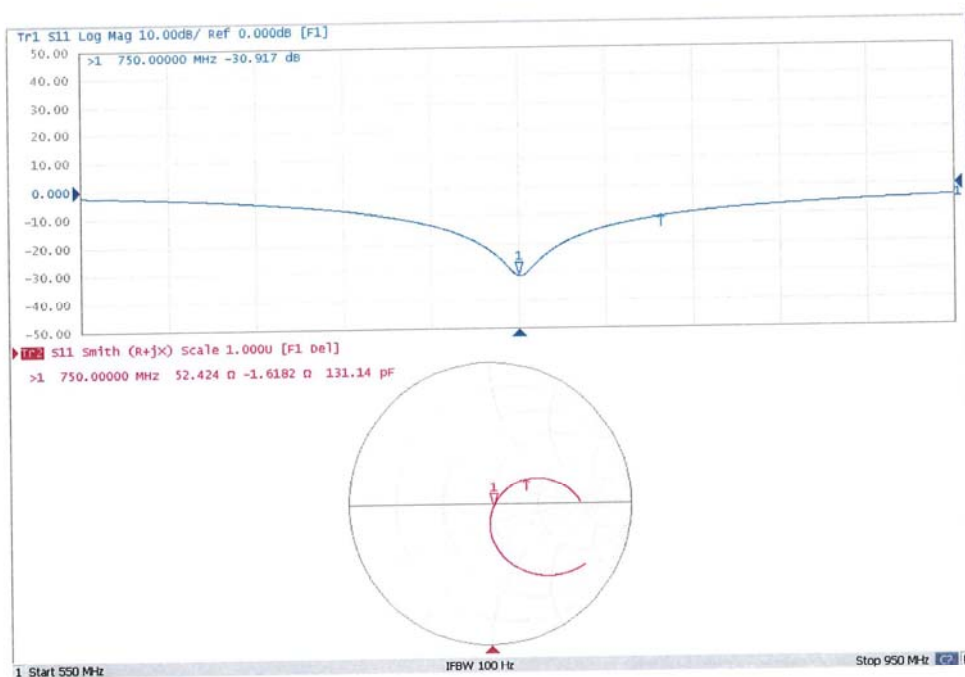
Page 5 of 6



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Impedance Measurement Plot for Head TSL





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Client

BACL

Certificate No: 23J02Z80061

CALIBRATION CERTIFICATE

Object D900V2 - SN: 132

Calibration Procedure(s) FF-Z11-003-01
 Calibration Procedures for dipole validation kits

Calibration date: September 26, 2023

This calibration Certificate documents the traceability to national standards, which realize the physical units of measurements (SI). The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22±3)°C and humidity<70%.

Calibration Equipment used (M&TE critical for calibration)

| Primary Standards | ID # | Cal Date (Calibrated by, Certificate No.) | Scheduled Calibration |
|-------------------------|------------|---|-----------------------|
| Power Meter NRP2 | 106276 | 15-May-23 (CTTL, No.J23X04183) | May-24 |
| Power sensor NRP6A | 101369 | 15-May-23 (CTTL, No.J23X04183) | May-24 |
| Reference Probe EX3DV4 | SN 3617 | 31-Mar-23(CTTL-SPEAG,No.Z23-60161) | Mar-24 |
| DAE4 | SN 1556 | 11-Jan-23(CTTL-SPEAG,No.Z23-60034) | Jan-24 |
| Secondary Standards | ID # | Cal Date (Calibrated by, Certificate No.) | Scheduled Calibration |
| Signal Generator E4438C | MY49071430 | 05-Jan-23 (CTTL, No. J23X00107) | Jan-24 |
| NetworkAnalyzer E5071C | MY46110673 | 10-Jan-23 (CTTL, No. J23X00104) | Jan-24 |

| | Name | Function | Signature |
|----------------|-------------|--------------------|-----------|
| Calibrated by: | Zhao Jing | SAR Test Engineer | |
| Reviewed by: | Lin Hao | SAR Test Engineer | |
| Approved by: | Qi Dianyuan | SAR Project Leader | |

Issued: October 4, 2023

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Certificate No: 23J02Z80061

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**Glossary:**

| | |
|-------|--|
| TSL | tissue simulating liquid |
| ConvF | sensitivity in TSL / NORM _{x,y,z} |
| N/A | not applicable or not measured |

Calibration is Performed According to the Following Standards:

- a) IEC/IEEE 62209-1528, "Measurement Procedure for The Assessment of Specific Absorption Rate of Human Exposure to Radio Frequency Fields from Hand-held and Body-mounted Wireless Communication Devices- Part 1528: Human Models, Instrumentation and Procedures (Frequency range of 4 MHz to 10 GHz)", October 2020
- b) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Additional Documentation:

- c) DASY4/5 System Handbook

Methods Applied and Interpretation of Parameters:

- *Measurement Conditions:* Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- *Antenna Parameters with TSL:* The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- *Feed Point Impedance and Return Loss:* These parameters are measured with the dipole positioned under the liquid filled phantom. The impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- *Electrical Delay:* One-way delay between the SMA connector and the antenna feed point. No uncertainty required.
- *SAR measured:* SAR measured at the stated antenna input power.
- *SAR normalized:* SAR as measured, normalized to an input power of 1 W at the antenna connector.
- *SAR for nominal TSL parameters:* The measured TSL parameters are used to calculate the nominal SAR result.

The reported uncertainty of measurement is stated as the standard uncertainty of Measurement multiplied by the coverage factor $k=2$, which for a normal distribution Corresponds to a coverage probability of approximately 95%.



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Measurement Conditions

DASY system configuration, as far as not given on page 1.

| | | |
|-------------------------------------|--------------------------|-------------|
| DASY Version | DASY52 | 52.10.4 |
| Extrapolation | Advanced Extrapolation | |
| Phantom | Triple Flat Phantom 5.1C | |
| Distance Dipole Center - TSL | 15 mm | with Spacer |
| Zoom Scan Resolution | dx, dy, dz = 5 mm | |
| Frequency | 900 MHz \pm 1 MHz | |

Head TSL parameters

The following parameters and calculations were applied.

| | Temperature | Permittivity | Conductivity |
|--|---------------------|----------------|----------------------|
| Nominal Head TSL parameters | 22.0 °C | 41.5 | 0.97 mho/m |
| Measured Head TSL parameters | (22.0 \pm 0.2) °C | 40.8 \pm 6 % | 0.96 mho/m \pm 6 % |
| Head TSL temperature change during test | <1.0 °C | ---- | ---- |

SAR result with Head TSL

| | | |
|---|--------------------|--|
| SAR averaged over 1 cm³ (1 g) of Head TSL | Condition | |
| SAR measured | 250 mW input power | 2.71 W/kg |
| SAR for nominal Head TSL parameters | normalized to 1W | 10.8 W/kg \pm 18.8 % (k=2) |
| SAR averaged over 10 cm³ (10 g) of Head TSL | Condition | |
| SAR measured | 250 mW input power | 1.73 W/kg |
| SAR for nominal Head TSL parameters | normalized to 1W | 6.93 W/kg \pm 18.7 % (k=2) |



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Appendix (Additional assessments outside the scope of CNAS L0570)

Antenna Parameters with Head TSL

| | |
|--------------------------------------|---------------|
| Impedance, transformed to feed point | 47.7Ω- 7.43jΩ |
| Return Loss | - 22.0dB |

General Antenna Parameters and Design

| | |
|----------------------------------|----------|
| Electrical Delay (one direction) | 1.307 ns |
|----------------------------------|----------|

After long term use with 100W radiated power, only a slight warming of the dipole near the feed-point can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.

No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feed-point may be damaged.

Additional EUT Data

| | |
|-----------------|-------|
| Manufactured by | SPEAG |
|-----------------|-------|



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DASY5 Validation Report for Head TSL

Date: 2023-09-26

Test Laboratory: CTTL, Beijing, China

DUT: Dipole 900 MHz; Type: D900V2; Serial: D900V2 - SN: 132

Communication System: UID 0, CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 0.964 \text{ S/m}$; $\epsilon_r = 40.79$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3617; ConvF(9.68, 9.68, 9.68) @ 900 MHz; Calibrated: 2023-03-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1556; Calibrated: 2023-01-11
- Phantom: MFP_V5.1C (20deg probe tilt); Type: QD 000 P51 Cx; Serial: 1062
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Dipole Calibration/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 59.82 V/m; Power Drift = 0.01 dB

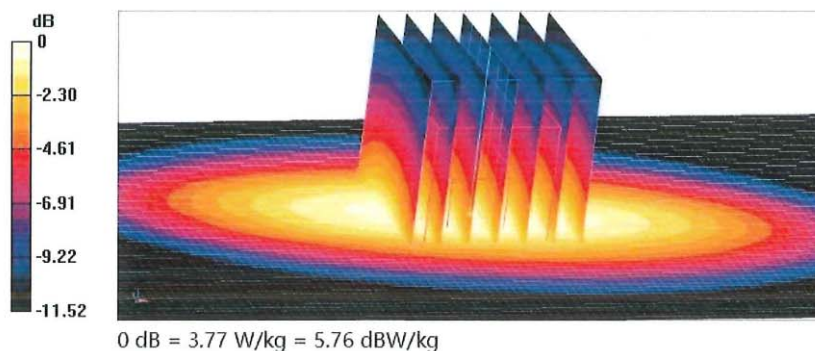
Peak SAR (extrapolated) = 4.40 W/kg

SAR(1 g) = 2.71 W/kg; SAR(10 g) = 1.73 W/kg

Smallest distance from peaks to all points 3 dB below = 15.1 mm

Ratio of SAR at M2 to SAR at M1 = 62.1%

Maximum value of SAR (measured) = 3.77 W/kg

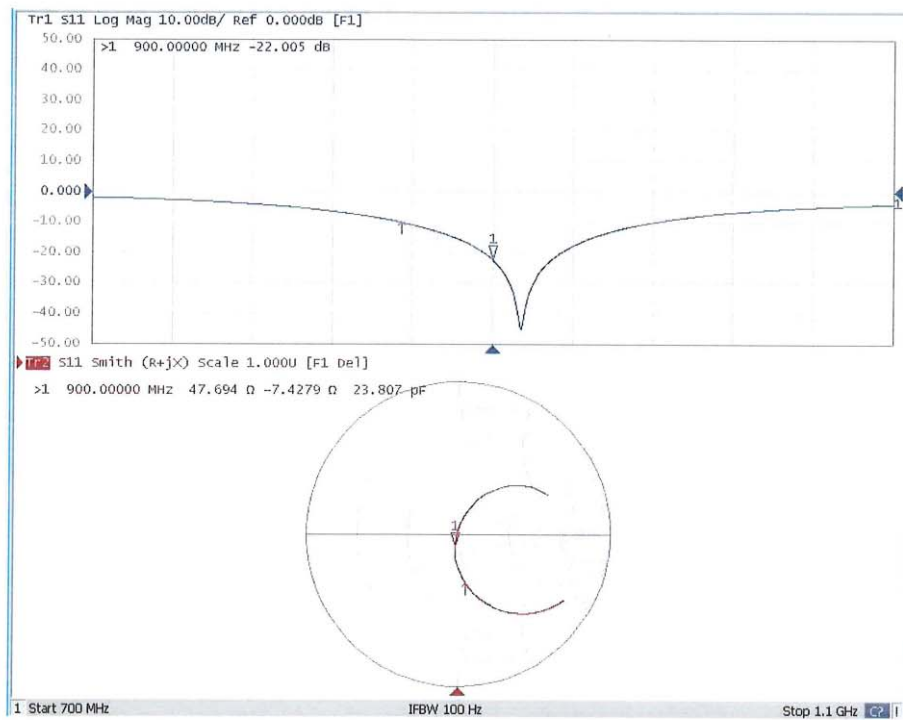




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Impedance Measurement Plot for Head TSL



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CALIBRATION
CNAS L0570

Client **BACL(Shenzhen)**Certificate No: **26J02Z000086****CALIBRATION CERTIFICATE**Object **D1750V2 - SN: 1199**Calibration Procedure(s) **FF-Z11-0003-02**
Calibration Procedures for dipole validation kitsCalibration date: **February 5, 2026**

This calibration Certificate documents the traceability to national standards, which realize the physical units of measurements (SI). The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22±3)°C and humidity<70%.

Calibration Equipment used (M&TE critical for calibration)

| Primary Standards | ID # | Cal Date (Calibrated by, Certificate No.) | Scheduled Calibration |
|------------------------|------------|---|-----------------------|
| Power Meter NRP2 | 106276 | 16-May-25 (CTTL, No. 25J02X003423) | May-26 |
| Power sensor NRP6A | 101369 | 16-May-25 (CTTL, No. 25J02X003423) | May-26 |
| Reference Probe EX3DV4 | SN 7600 | 19-Jan-26(CTTL-SPEAG, No. 26J02Z000008) | Jan-27 |
| DAE4 | SN 1588 | 29-Aug-25(CTTL-SPEAG, No. 25J02Z000631) | Aug-26 |
| Secondary Standards | ID # | Cal Date (Calibrated by, Certificate No.) | Scheduled Calibration |
| SignalGeneratorSMA200A | 107732 | 01-Dec-25 (CTTL, No. 25J02X102467) | Nov-26 |
| NetworkAnalyzer E5071C | MY46110673 | 26-Nov-25 (CTTL, No. 25J02X102468) | Nov-26 |
| OCF DAKS-3.5 | 0015 | 20-Oct-25(SPEAG, No. OCP-DAKS-0015_Oct25) | Oct-26 |

| | Name | Function | Signature |
|----------------|-------------|--------------------|-----------|
| Calibrated by: | Zhao Jing | SAR Test Engineer | |
| Reviewed by: | Lin Jun | SAR Test Engineer | |
| Approved by: | Qi Dianyuan | SAR Project Leader | |

Issued: February 13, 2026

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Certificate No: 26J02Z000086

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**Glossary:**

| | |
|-------|--|
| TSL | tissue simulating liquid |
| ConvF | sensitivity in TSL / NORM _{x,y,z} |
| N/A | not applicable or not measured |

Calibration is Performed According to the Following Standards:

- IEC/IEEE 62209-1528, "Measurement Procedure for The Assessment of Specific Absorption Rate of Human Exposure to Radio Frequency Fields from Hand-held and Body-mounted Wireless Communication Devices- Part 1528: Human Models, Instrumentation and Procedures (Frequency range of 4 MHz to 10 GHz)", October 2020
- KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Additional Documentation:

- DASY System Handbook

Methods Applied and Interpretation of Parameters:

- *Measurement Conditions:* Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- *Antenna Parameters with TSL:* The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- *Feed Point Impedance and Return Loss:* These parameters are measured with the dipole positioned under the liquid filled phantom. The impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- *SAR measured:* SAR measured at the stated antenna input power.
- *SAR normalized:* SAR as measured, normalized to an input power of 1 W at the antenna connector.
- *SAR for nominal TSL parameters:* The measured TSL parameters are used to calculate the nominal SAR result.

The reported uncertainty of measurement is stated as the standard uncertainty of Measurement multiplied by the coverage factor $k=2$, which for a normal distribution Corresponds to a coverage probability of approximately 95%.



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Measurement Conditions

DASY system configuration, as far as not given on page 1.

| | | |
|------------------------------|------------------------|-------------|
| DASY Version | DASY6 | V17.0.0 |
| Extrapolation | Advanced Extrapolation | |
| Phantom | Modular Flat Phantom | |
| Distance Dipole Center - TSL | 10 mm | with Spacer |
| Frequency | 1750 MHz \pm 1 MHz | |

Head TSL parameters at 1750 MHz

The following parameters and calculations were applied.

| | Temperature | Permittivity | Conductivity |
|---|---------------------|----------------|----------------------|
| Nominal Head TSL parameters | 22.0 °C | 40.1 | 1.37 mho/m |
| Measured Head TSL parameters | (22.0 \pm 0.2) °C | 40.0 \pm 6 % | 1.38 mho/m \pm 6 % |
| Head TSL temperature change during test | <1.0 °C | ---- | ---- |

SAR result with Head TSL at 1750 MHz

| | | |
|---|--------------------|----------------------------|
| SAR averaged over 1 cm ³ (1 g) of Head TSL | Condition | |
| SAR measured | 24 dBm input power | 9.28 W/kg |
| SAR for nominal Head TSL parameters | normalized to 1W | 36.9 W/kg \pm 20 % (k=2) |
| SAR averaged over 10 cm ³ (10 g) of Head TSL | Condition | |
| SAR measured | 24 dBm input power | 4.92 W/kg |
| SAR for nominal Head TSL parameters | normalized to 1W | 19.6 W/kg \pm 20 % (k=2) |



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Appendix (Additional assessments outside the scope of CNAS L0570)

Antenna Parameters with Head TSL at 1750 MHz

| | |
|--------------------------------------|---------------|
| Impedance, transformed to feed point | 46.3Ω+ 3.10jΩ |
| Return Loss | - 26.0dB |

General Antenna Parameters and Design

| | |
|----------------------------------|----------|
| Electrical Delay (one direction) | 1.117 ns |
|----------------------------------|----------|

After long term use with 100W radiated power, only a slight warming of the dipole near the feed-point can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.
No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feed-point may be damaged.

Additional EUT Data

| | |
|-----------------|-------|
| Manufactured by | SPEAG |
|-----------------|-------|



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**DASY6 Validation Report for Head TSL**

Date: 2026-02-05

Test Laboratory: CTTL, Beijing, China

Summary

| Dipole | Frequency [MHz] | TSL | Power [dBm] |
|-------------------|-----------------|-----|-------------|
| D1750V2 – SN 1199 | 1750 | HSL | 24 |

Exposure Conditions

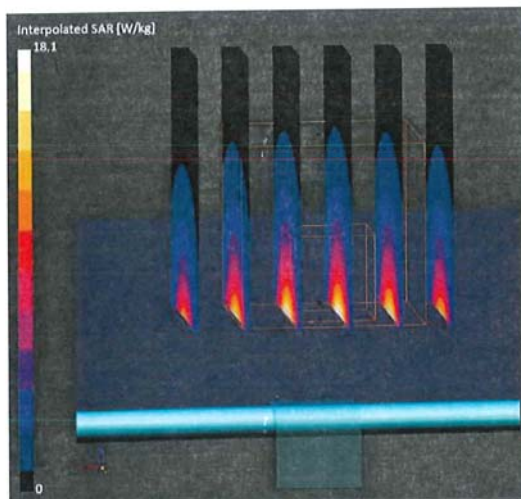
| Phantom | Position, Test | Band Group, | Frequency | Conversion | TSL Cond. | TSL |
|--------------|----------------|-------------|-----------|------------|-----------|--------------|
| Section, TSL | Distance [mm] | UID | [MHz] | Factor | [S/m] | Permittivity |
| Flat | 10 | CW, | 1750 | 8.93 | 1.38 | 40.0 |

Hardware Setup

| Phantom | TSL | Probe, Calibration Date | DAE, Calibration Date |
|-----------------|----------|-----------------------------|-------------------------|
| MFP V8.0 Center | 1750Head | EX3DV4 - SN7600, 2026-01-19 | DAE4 Sn1588, 2025-08-29 |

Scan Setup**Measurement Results**

| | Zoom Scan | | Zoom Scan |
|---------------------|----------------|---------------------|---------------|
| Grid Extents [mm] | 30.0×30.0×30.0 | psSAR1g [W/kg] | 9.28 |
| Grid Steps [mm] | 6.0×6.0×1.5 | psSAR10g [W/kg] | 4.92 |
| Sensor Surface [mm] | 1.4 | Power Drift [dB] | 0.00 |
| Graded Grid | Yes | Power Scaling | Disabled |
| Grading Ratio | 1.5 | Scaling Factor [dB] | |
| MAIA | N/A | TSL Correction | No correction |
| Surface Detection | VMS + 6p | M2/M1 [%] | 80.0 |
| Scan Method | Measured | Dist 3dB Peak [mm] | 9.9 |



Certificate No: 26J02Z000086

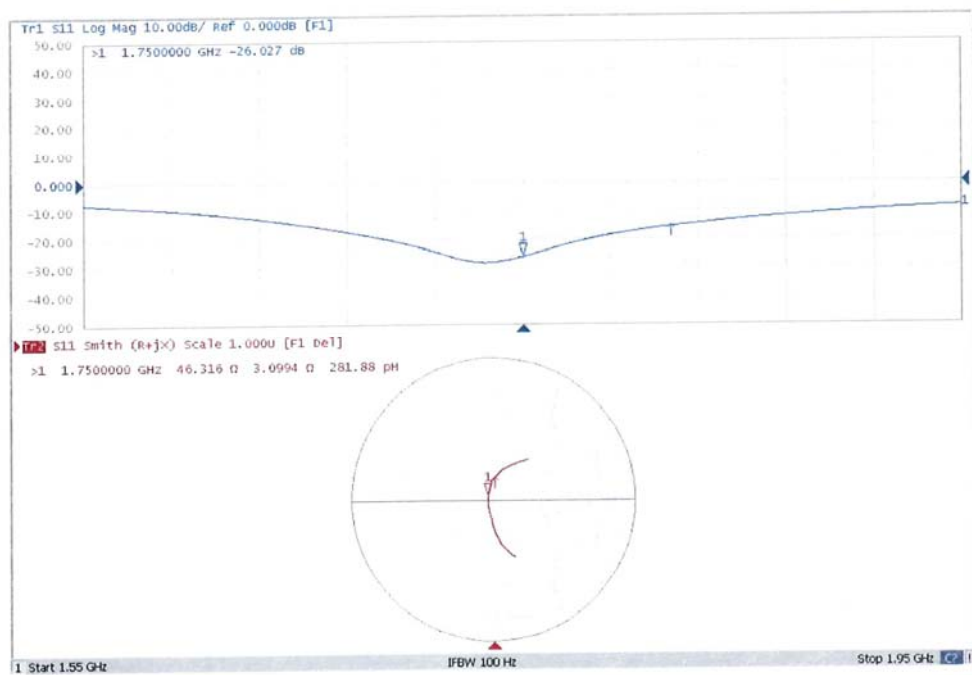
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Impedance Measurement Plot for Head TSL





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Client **BACL(Shenzhen)**

Certificate No: **26J02Z000087**

CALIBRATION CERTIFICATE

Object D1900V2 - SN: 5d231

Calibration Procedure(s) FF-Z11-0003-02
 Calibration Procedures for dipole validation kits

Calibration date: February 4, 2026

This calibration Certificate documents the traceability to national standards, which realize the physical units of measurements (SI). The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22±3)°C and humidity<70%.

Calibration Equipment used (M&TE critical for calibration)

| Primary Standards | ID # | Cal Date (Calibrated by, Certificate No.) | Scheduled Calibration |
|------------------------|------------|---|-----------------------|
| Power Meter NRP2 | 106276 | 16-May-25 (CTTL, No. 25J02X003423) | May-26 |
| Power sensor NRP6A | 101369 | 16-May-25 (CTTL, No. 25J02X003423) | May-26 |
| Reference Probe EX3DV4 | SN 7600 | 19-Jan-26(CTTL-SPEAG, No. 26J02Z000008) | Jan-27 |
| DAE4 | SN 1588 | 29-Aug-25(CTTL-SPEAG, No. 25J02Z000631) | Aug-26 |
| Secondary Standards | ID # | Cal Date (Calibrated by, Certificate No.) | Scheduled Calibration |
| SignalGeneratorSMA200A | 107732 | 01-Dec-25 (CTTL, No. 25J02X102467) | Nov-26 |
| NetworkAnalyzer E5071C | MY46110673 | 26-Nov-25 (CTTL, No. 25J02X102468) | Nov-26 |
| OCP DAKS-3.5 | 0015 | 20-Oct-25(SPEAG, No. OCP-DAKS-0015_Oct25) | Oct-26 |

| | Name | Function | Signature |
|----------------|-------------|--------------------|-----------|
| Calibrated by: | Zhao Jing | SAR Test Engineer | |
| Reviewed by: | Lin Jun | SAR Test Engineer | |
| Approved by: | Qi Dianyuan | SAR Project Leader | |

Issued: February 13, 2026

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Glossary:

| | |
|-------|--|
| TSL | tissue simulating liquid |
| ConvF | sensitivity in TSL / NORM _{x,y,z} |
| N/A | not applicable or not measured |

Calibration is Performed According to the Following Standards:

- IEC/IEEE 62209-1528, "Measurement Procedure for The Assessment of Specific Absorption Rate of Human Exposure to Radio Frequency Fields from Hand-held and Body-mounted Wireless Communication Devices- Part 1528: Human Models, Instrumentation and Procedures (Frequency range of 4 MHz to 10 GHz)", October 2020
- KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Additional Documentation:

- DASY System Handbook

Methods Applied and Interpretation of Parameters:

- *Measurement Conditions:* Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- *Antenna Parameters with TSL:* The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- *Feed Point Impedance and Return Loss:* These parameters are measured with the dipole positioned under the liquid filled phantom. The impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- *SAR measured:* SAR measured at the stated antenna input power.
- *SAR normalized:* SAR as measured, normalized to an input power of 1 W at the antenna connector.
- *SAR for nominal TSL parameters:* The measured TSL parameters are used to calculate the nominal SAR result.

The reported uncertainty of measurement is stated as the standard uncertainty of Measurement multiplied by the coverage factor $k=2$, which for a normal distribution Corresponds to a coverage probability of approximately 95%.



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Measurement Conditions

DASY system configuration, as far as not given on page 1.

| | | |
|------------------------------|------------------------|-------------|
| DASY Version | DASY6 | V17.0.0 |
| Extrapolation | Advanced Extrapolation | |
| Phantom | Modular Flat Phantom | |
| Distance Dipole Center - TSL | 10 mm | with Spacer |
| Frequency | 1900 MHz \pm 1 MHz | |

Head TSL parameters at 1900 MHz

The following parameters and calculations were applied.

| | Temperature | Permittivity | Conductivity |
|---|---------------------|----------------|----------------------|
| Nominal Head TSL parameters | 22.0 °C | 40.0 | 1.40 mho/m |
| Measured Head TSL parameters | (22.0 \pm 0.2) °C | 40.7 \pm 6 % | 1.42 mho/m \pm 6 % |
| Head TSL temperature change during test | <1.0 °C | ---- | ---- |

SAR result with Head TSL at 1900 MHz

| | | |
|--|--------------------|--------------------------------|
| SAR averaged over 1 cm^3 (1 g) of Head TSL | Condition | |
| SAR measured | 24 dBm input power | 10.0 W/kg |
| SAR for nominal Head TSL parameters | normalized to 1W | 39.9 W/kg \pm 20 % ($k=2$) |
| SAR averaged over 10 cm^3 (10 g) of Head TSL | Condition | |
| SAR measured | 24 dBm input power | 5.19 W/kg |
| SAR for nominal Head TSL parameters | normalized to 1W | 20.7 W/kg \pm 20 % ($k=2$) |



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Appendix (Additional assessments outside the scope of CNAS L0570)

Antenna Parameters with Head TSL at 1900 MHz

| | |
|--------------------------------------|---------------|
| Impedance, transformed to feed point | 52.7Ω+ 4.83jΩ |
| Return Loss | - 25.4dB |

General Antenna Parameters and Design

| | |
|----------------------------------|----------|
| Electrical Delay (one direction) | 1.106 ns |
|----------------------------------|----------|

After long term use with 100W radiated power, only a slight warming of the dipole near the feed-point can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard. No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feed-point may be damaged.

Additional EUT Data

| | |
|-----------------|-------|
| Manufactured by | SPEAG |
|-----------------|-------|



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**DASY6 Validation Report for Head TSL**

Date: 2026-02-04

Test Laboratory: CTTL, Beijing, China

Summary

| Dipole | Frequency [MHz] | TSL | Power [dBm] |
|--------------------|-----------------|-----|-------------|
| D1900V2 – SN 5d231 | 1900 | HSL | 24 |

Exposure Conditions

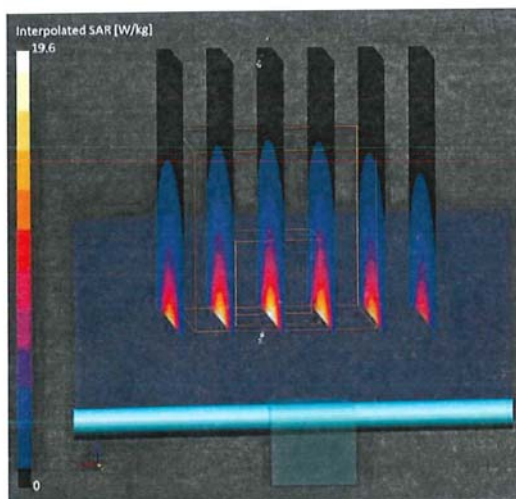
| Phantom | Position, Test | Band Group, | Frequency | Conversion | TSL Cond. | TSL |
|--------------|----------------|-------------|-----------|------------|-----------|--------------|
| Section, TSL | Distance [mm] | UID | [MHz] | Factor | [S/m] | Permittivity |
| Flat | 10 | CW, | 1900 | 8.58 | 1.42 | 40.7 |

Hardware Setup

| Phantom | TSL | Probe, Calibration Date | DAE, Calibration Date |
|-----------------|----------|-----------------------------|-------------------------|
| MFP V8.0 Center | 1900Head | EX3DV4 - SN7600, 2026-01-19 | DAE4 Sn1588, 2025-08-29 |

Scan Setup**Measurement Results**

| | Zoom Scan | | Zoom Scan |
|---------------------|----------------|---------------------|---------------|
| Grid Extents [mm] | 30.0×30.0×30.0 | psSAR1g [W/kg] | 10.0 |
| Grid Steps [mm] | 6.0×6.0×1.5 | psSAR10g [W/kg] | 5.19 |
| Sensor Surface [mm] | 1.4 | Power Drift [dB] | -0.00 |
| Graded Grid | Yes | Power Scaling | Disabled |
| Grading Ratio | 1.5 | Scaling Factor [dB] | |
| MAIA | N/A | TSL Correction | No correction |
| Surface Detection | VMS + 6p | M2/M1 [%] | 80.2 |
| Scan Method | Measured | Dist 3dB Peak [mm] | 9.6 |



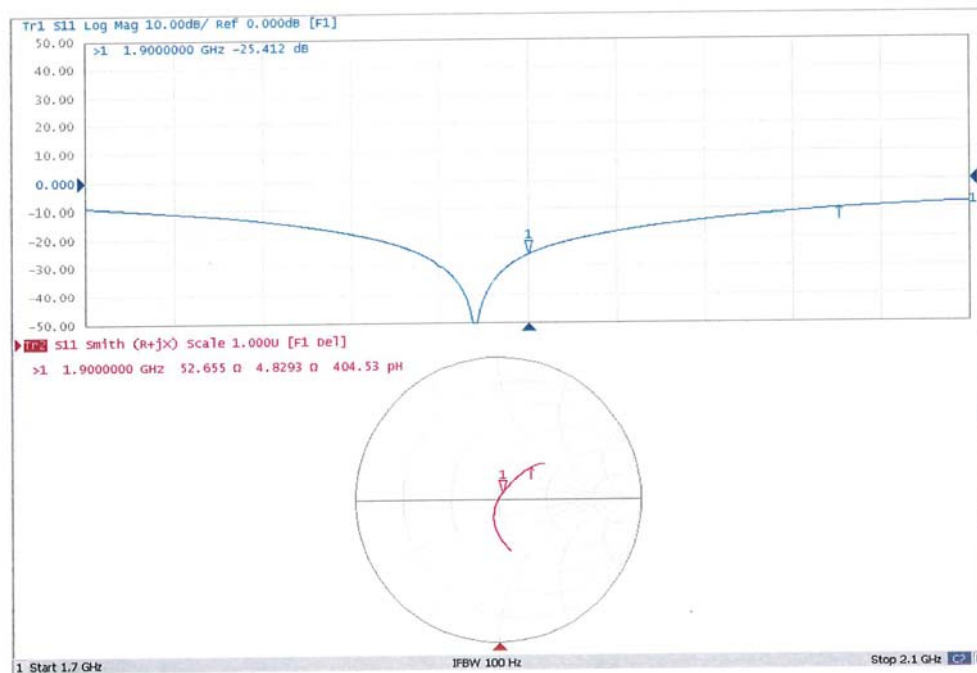
Certificate No: 26J02Z000087

Page 5 of 6



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Impedance Measurement Plot for Head TSL





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CNAS L0570

Client **BACL(Shenzhen)**Certificate No: **26J02Z000088****CALIBRATION CERTIFICATE**Object **D2300V2 - SN: 1136**Calibration Procedure(s) **FF-Z11-0003-02**
Calibration Procedures for dipole validation kitsCalibration date: **February 4, 2026**

This calibration Certificate documents the traceability to national standards, which realize the physical units of measurements (SI). The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22±3)°C and humidity<70%.

Calibration Equipment used (M&TE critical for calibration)

| Primary Standards | ID # | Cal Date (Calibrated by, Certificate No.) | Scheduled Calibration |
|------------------------|---------|---|-----------------------|
| Power Meter NRP2 | 106276 | 16-May-25 (CTTL, No. 25J02X003423) | May-26 |
| Power sensor NRP6A | 101369 | 16-May-25 (CTTL, No. 25J02X003423) | May-26 |
| Reference Probe EX3DV4 | SN 7600 | 19-Jan-26(CTTL-SPEAG, No. 26J02Z000008) | Jan-27 |
| DAE4 | SN 1588 | 29-Aug-25(CTTL-SPEAG, No. 25J02Z000631) | Aug-26 |

| Secondary Standards | ID # | Cal Date (Calibrated by, Certificate No.) | Scheduled Calibration |
|------------------------|------------|---|-----------------------|
| SignalGeneratorSMA200A | 107732 | 01-Dec-25 (CTTL, No. 25J02X102467) | Nov-26 |
| NetworkAnalyzer E5071C | MY46110673 | 26-Nov-25 (CTTL, No. 25J02X102468) | Nov-26 |
| OCP DAKS-3.5 | 0015 | 20-Oct-25(SPEAG, No. OCP-DAKS-0015_Oct25) | Oct-26 |

| | Name | Function | Signature |
|----------------|-------------|--------------------|-----------|
| Calibrated by: | Zhao Jing | SAR Test Engineer | |
| Reviewed by: | Lin Jun | SAR Test Engineer | |
| Approved by: | Qi Dianyuan | SAR Project Leader | |

Issued: February 13, 2026

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Certificate No: 26J02Z000088

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**Glossary:**

| | |
|-------|--|
| TSL | tissue simulating liquid |
| ConvF | sensitivity in TSL / NORM _{x,y,z} |
| N/A | not applicable or not measured |

Calibration is Performed According to the Following Standards:

- IEC/IEEE 62209-1528, "Measurement Procedure for The Assessment of Specific Absorption Rate of Human Exposure to Radio Frequency Fields from Hand-held and Body-mounted Wireless Communication Devices- Part 1528: Human Models, Instrumentation and Procedures (Frequency range of 4 MHz to 10 GHz)", October 2020
- KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Additional Documentation:

- DASY System Handbook

Methods Applied and Interpretation of Parameters:

- *Measurement Conditions:* Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- *Antenna Parameters with TSL:* The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- *Feed Point Impedance and Return Loss:* These parameters are measured with the dipole positioned under the liquid filled phantom. The impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- *SAR measured:* SAR measured at the stated antenna input power.
- *SAR normalized:* SAR as measured, normalized to an input power of 1 W at the antenna connector.
- *SAR for nominal TSL parameters:* The measured TSL parameters are used to calculate the nominal SAR result.

The reported uncertainty of measurement is stated as the standard uncertainty of Measurement multiplied by the coverage factor $k=2$, which for a normal distribution Corresponds to a coverage probability of approximately 95%.



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Measurement Conditions

DASY system configuration, as far as not given on page 1.

| | | |
|------------------------------|------------------------|-------------|
| DASY Version | DASY6 | V17.0.0 |
| Extrapolation | Advanced Extrapolation | |
| Phantom | Modular Flat Phantom | |
| Distance Dipole Center - TSL | 10 mm | with Spacer |
| Frequency | 2300 MHz \pm 1 MHz | |

Head TSL parameters at 2300 MHz

The following parameters and calculations were applied.

| | Temperature | Permittivity | Conductivity |
|---|---------------------|----------------|----------------------|
| Nominal Head TSL parameters | 22.0 °C | 39.5 | 1.67 mho/m |
| Measured Head TSL parameters | (22.0 \pm 0.2) °C | 39.3 \pm 6 % | 1.68 mho/m \pm 6 % |
| Head TSL temperature change during test | <1.0 °C | ---- | ---- |

SAR result with Head TSL at 2300 MHz

| | | |
|---|--------------------|----------------------------|
| SAR averaged over 1 cm ³ (1 g) of Head TSL | Condition | |
| SAR measured | 24 dBm input power | 12.5 W/kg |
| SAR for nominal Head TSL parameters | normalized to 1W | 49.8 W/kg \pm 20 % (k=2) |
| SAR averaged over 10 cm ³ (10 g) of Head TSL | Condition | |
| SAR measured | 24 dBm input power | 5.95 W/kg |
| SAR for nominal Head TSL parameters | normalized to 1W | 23.7 W/kg \pm 20 % (k=2) |



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Appendix (Additional assessments outside the scope of CNAS L0570)

Antenna Parameters with Head TSL at 2300 MHz

| | |
|--------------------------------------|---------------|
| Impedance, transformed to feed point | 45.0Ω+ 1.02jΩ |
| Return Loss | - 25.4dB |

General Antenna Parameters and Design

| | |
|----------------------------------|----------|
| Electrical Delay (one direction) | 1.073 ns |
|----------------------------------|----------|

After long term use with 100W radiated power, only a slight warming of the dipole near the feed-point can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.
No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feed-point may be damaged.

Additional EUT Data

| | |
|-----------------|-------|
| Manufactured by | SPEAG |
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**DASY6 Validation Report for Head TSL**

Date: 2026-02-04

Test Laboratory: CTTL, Beijing, China

Summary

| Dipole | Frequency [MHz] | TSL | Power [dBm] |
|-------------------|-----------------|-----|-------------|
| D2300V2 – SN 1136 | 2300 | HSL | 24 |

Exposure Conditions

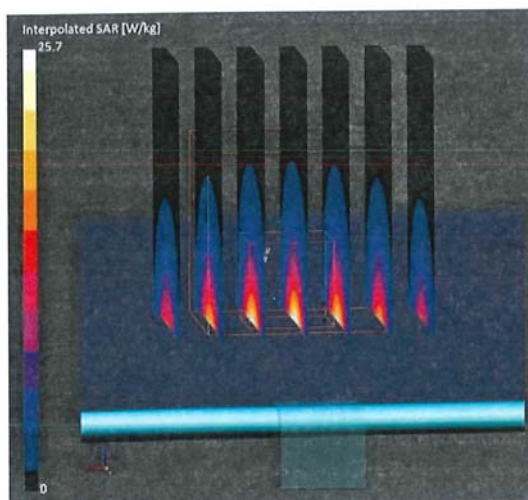
| Phantom Section, TSL | Position, Test Distance [mm] | Band Group, UID | Frequency [MHz] | Conversion Factor | TSL Cond. [S/m] | TSL Permittivity |
|----------------------|------------------------------|-----------------|-----------------|-------------------|-----------------|------------------|
| Flat | 10 | CW, | 2300 | 8.33 | 1.68 | 39.3 |

Hardware Setup

| Phantom | TSL | Probe, Calibration Date | DAE, Calibration Date |
|-----------------|-----------|-----------------------------|-------------------------|
| MFP V8.0 Center | 2300 Head | EX3DV4 - SN7600, 2026-01-19 | DAE4 Sn1588, 2025-08-29 |

Scan Setup**Measurement Results**

| | Zoom Scan | | Zoom Scan |
|---------------------|----------------|---------------------|---------------|
| Grid Extents [mm] | 30.0×30.0×30.0 | psSAR1g [W/kg] | 12.5 |
| Grid Steps [mm] | 5.0×5.0×1.5 | psSAR10g [W/kg] | 5.95 |
| Sensor Surface [mm] | 1.4 | Power Drift [dB] | -0.01 |
| Graded Grid | Yes | Power Scaling | Disabled |
| Grading Ratio | 1.5 | Scaling Factor [dB] | |
| MAIA | N/A | TSL Correction | No correction |
| Surface Detection | VMS + 6p | M2/M1 [%] | 79.7 |
| Scan Method | Measured | Dist 3dB Peak [mm] | 9.1 |



Certificate No: 26J02Z000088

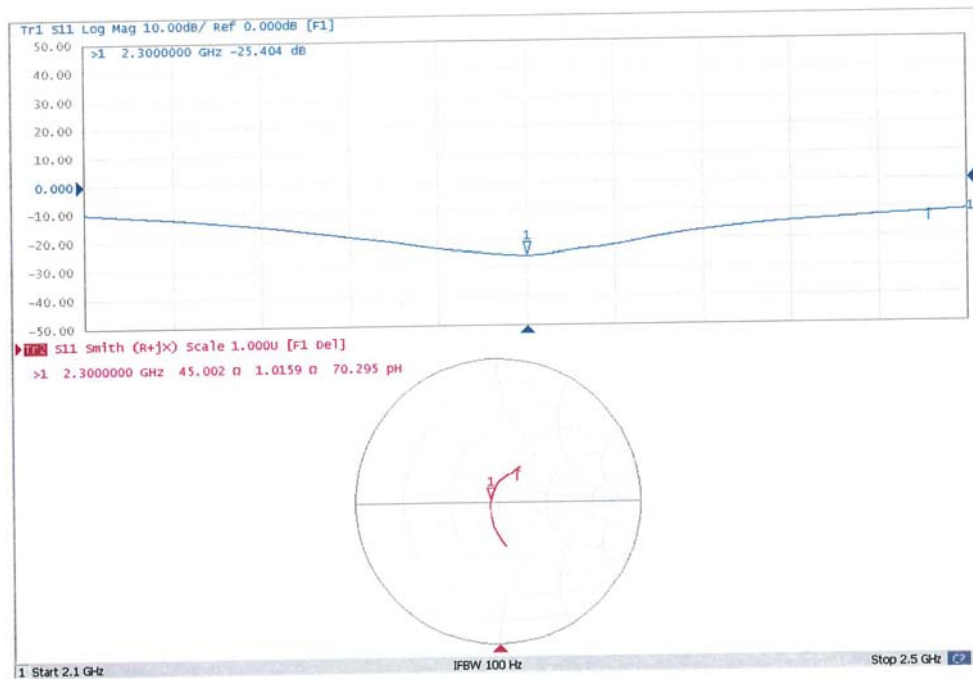
Page 5 of 6



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Impedance Measurement Plot for Head TSL





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CNAS L0570



Client

BACL(Shenzhen)

Certificate No: 26J02Z000089

CALIBRATION CERTIFICATE

Object D2450V2 - SN: 1103

Calibration Procedure(s) FF-Z11-0003-02
Calibration Procedures for dipole validation kits

Calibration date: February 5, 2026

This calibration Certificate documents the traceability to national standards, which realize the physical units of measurements (SI). The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22±3)°C and humidity<70%.

Calibration Equipment used (M&TE critical for calibration)

| Primary Standards | ID # | Cal Date (Calibrated by, Certificate No.) | Scheduled Calibration |
|------------------------|------------|---|-----------------------|
| Power Meter NRP2 | 106276 | 16-May-25 (CTTL, No. 25J02X003423) | May-26 |
| Power sensor NRP6A | 101369 | 16-May-25 (CTTL, No. 25J02X003423) | May-26 |
| Reference Probe EX3DV4 | SN 7600 | 19-Jan-26(CTTL-SPEAG, No. 26J02Z000008) | Jan-27 |
| DAE4 | SN 1588 | 29-Aug-25(CTTL-SPEAG, No. 25J02Z000631) | Aug-26 |
| Secondary Standards | ID # | Cal Date (Calibrated by, Certificate No.) | Scheduled Calibration |
| SignalGeneratorSMA200A | 107732 | 01-Dec-25 (CTTL, No. 25J02X102467) | Nov-26 |
| NetworkAnalyzer E5071C | MY46110673 | 26-Nov-25 (CTTL, No. 25J02X102468) | Nov-26 |
| OCP DAKS-3.5 | 0015 | 20-Oct-25(SPEAG, No. OCP-DAKS-0015_Oct25) | Oct-26 |

| | Name | Function | Signature |
|----------------|-------------|--------------------|-----------|
| Calibrated by: | Zhao Jing | SAR Test Engineer | |
| Reviewed by: | Lin Jun | SAR Test Engineer | |
| Approved by: | Qi Dianyuan | SAR Project Leader | |

Issued: February 13, 2026

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Certificate No: 26J02Z000089

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**Glossary:**

| | |
|-------|--|
| TSL | tissue simulating liquid |
| ConvF | sensitivity in TSL / NORM _{x,y,z} |
| N/A | not applicable or not measured |

Calibration is Performed According to the Following Standards:

- IEC/IEEE 62209-1528, "Measurement Procedure for The Assessment of Specific Absorption Rate of Human Exposure to Radio Frequency Fields from Hand-held and Body-mounted Wireless Communication Devices- Part 1528: Human Models, Instrumentation and Procedures (Frequency range of 4 MHz to 10 GHz)", October 2020
- KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Additional Documentation:

- DASY System Handbook

Methods Applied and Interpretation of Parameters:

- *Measurement Conditions:* Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- *Antenna Parameters with TSL:* The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- *Feed Point Impedance and Return Loss:* These parameters are measured with the dipole positioned under the liquid filled phantom. The impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- *SAR measured:* SAR measured at the stated antenna input power.
- *SAR normalized:* SAR as measured, normalized to an input power of 1 W at the antenna connector.
- *SAR for nominal TSL parameters:* The measured TSL parameters are used to calculate the nominal SAR result.

The reported uncertainty of measurement is stated as the standard uncertainty of Measurement multiplied by the coverage factor $k=2$, which for a normal distribution corresponds to a coverage probability of approximately 95%.



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Measurement Conditions

DASY system configuration, as far as not given on page 1.

| | | |
|------------------------------|------------------------|-------------|
| DASY Version | DASY6 | V17.0.0 |
| Extrapolation | Advanced Extrapolation | |
| Phantom | Modular Flat Phantom | |
| Distance Dipole Center - TSL | 10 mm | with Spacer |
| Frequency | 2450 MHz \pm 1 MHz | |

Head TSL parameters at 2450 MHz

The following parameters and calculations were applied.

| | Temperature | Permittivity | Conductivity |
|---|---------------------|----------------|----------------------|
| Nominal Head TSL parameters | 22.0 °C | 39.2 | 1.80 mho/m |
| Measured Head TSL parameters | (22.0 \pm 0.2) °C | 39.1 \pm 6 % | 1.80 mho/m \pm 6 % |
| Head TSL temperature change during test | <1.0 °C | ---- | ---- |

SAR result with Head TSL at 2450 MHz

| | | |
|--|--------------------|--------------------------------|
| SAR averaged over 1 cm^3 (1 g) of Head TSL | Condition | |
| SAR measured | 24 dBm input power | 13.1 W/kg |
| SAR for nominal Head TSL parameters | normalized to 1W | 52.3 W/kg \pm 20 % ($k=2$) |
| SAR averaged over 10 cm^3 (10 g) of Head TSL | Condition | |
| SAR measured | 24 dBm input power | 6.13 W/kg |
| SAR for nominal Head TSL parameters | normalized to 1W | 24.5 W/kg \pm 20 % ($k=2$) |



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Appendix (Additional assessments outside the scope of CNAS L0570)

Antenna Parameters with Head TSL at 2450 MHz

| | |
|--------------------------------------|---------------|
| Impedance, transformed to feed point | 51.6Ω+ 4.18jΩ |
| Return Loss | - 27.1dB |

General Antenna Parameters and Design

| | |
|----------------------------------|----------|
| Electrical Delay (one direction) | 1.059 ns |
|----------------------------------|----------|

After long term use with 100W radiated power, only a slight warming of the dipole near the feed-point can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard. No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feed-point may be damaged.

Additional EUT Data

| | |
|-----------------|-------|
| Manufactured by | SPEAG |
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**DASY6 Validation Report for Head TSL**

Date: 2026-02-05

Test Laboratory: CTTL, Beijing, China

Summary

| Dipole | Frequency [MHz] | TSL | Power [dBm] |
|-------------------|-----------------|-----|-------------|
| D2450V2 – SN 1103 | 2450 | HSL | 24 |

Exposure Conditions

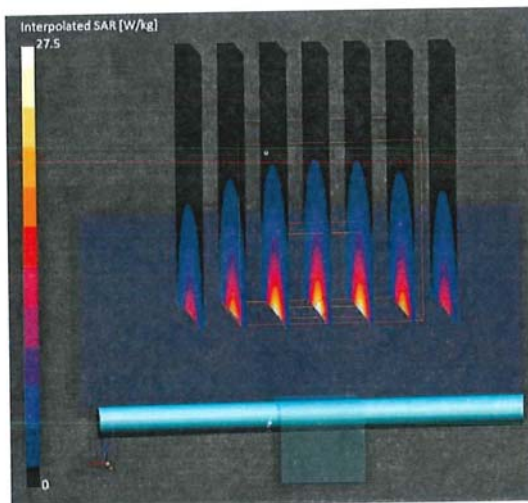
| Phantom | Position, Test | Band Group, | Frequency | Conversion | TSL Cond. | TSL |
|--------------|----------------|-------------|-----------|------------|-----------|--------------|
| Section, TSL | Distance [mm] | UID | [MHz] | Factor | [S/m] | Permittivity |
| Flat | 10 | CW, | 2450 | 8.05 | 1.80 | 39.1 |

Hardware Setup

| Phantom | TSL | Probe, Calibration Date | DAE, Calibration Date |
|-----------------|-----------|-----------------------------|-------------------------|
| MFP V8.0 Center | 2450 Head | EX3DV4 - SN7600, 2026-01-19 | DAE4 Sn1588, 2025-08-29 |

Scan Setup**Measurement Results**

| Zoom Scan | | Zoom Scan |
|---------------------|----------------|------------------------------|
| Grid Extents [mm] | 30.0×30.0×30.0 | psSAR1g [W/kg] 13.1 |
| Grid Steps [mm] | 5.0×5.0×1.5 | psSAR10g [W/kg] 6.13 |
| Sensor Surface [mm] | 1.4 | Power Drift [dB] 0.01 |
| Graded Grid | Yes | Power Scaling Disabled |
| Grading Ratio | 1.5 | Scaling Factor [dB] |
| MAIA | N/A | TSL Correction No correction |
| Surface Detection | VMS + 6p | M2/M1 [%] 79.4 |
| Scan Method | Measured | Dist 3dB Peak [mm] 9.0 |



Certificate No: 26J02Z000089

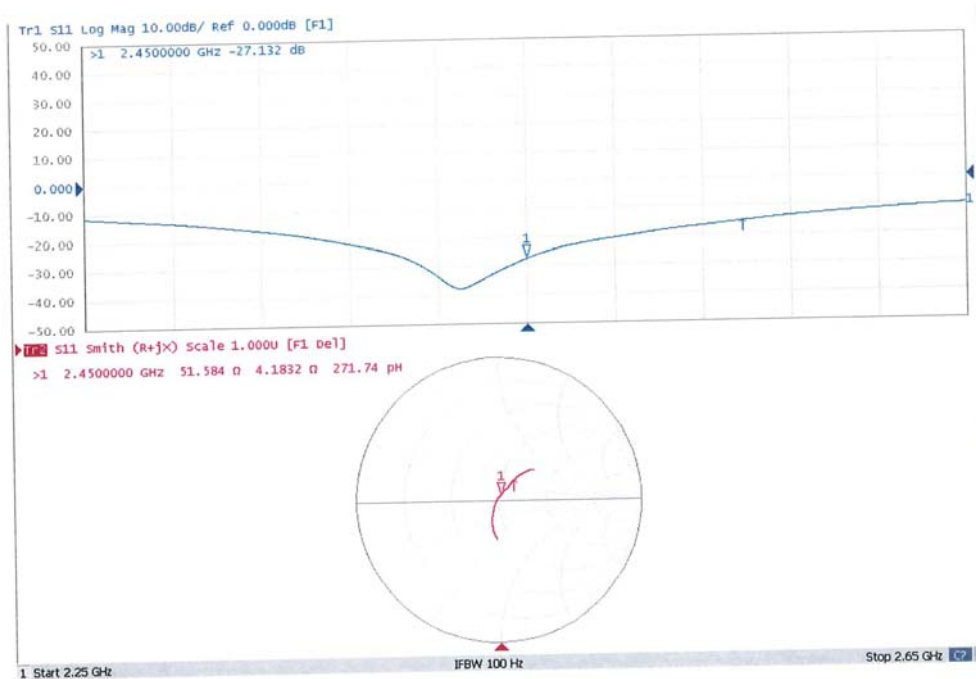
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Impedance Measurement Plot for Head TSL





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CNAS L0570



Client

BACL(Shenzhen)

Certificate No: 26J02Z000090

CALIBRATION CERTIFICATE

Object D2600V2 - SN: 1207

Calibration Procedure(s) FF-Z11-0003-02
Calibration Procedures for dipole validation kits

Calibration date: February 4, 2026

This calibration Certificate documents the traceability to national standards, which realize the physical units of measurements (SI). The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22±3)°C and humidity<70%.

Calibration Equipment used (M&TE critical for calibration)

| Primary Standards | ID # | Cal Date (Calibrated by, Certificate No.) | Scheduled Calibration |
|------------------------|------------|---|-----------------------|
| Power Meter NRP2 | 106276 | 16-May-25 (CTTL, No. 25J02X003423) | May-26 |
| Power sensor NRP6A | 101369 | 16-May-25 (CTTL, No. 25J02X003423) | May-26 |
| Reference Probe EX3DV4 | SN 7600 | 19-Jan-26(CTTL-SPEAG, No. 26J02Z000008) | Jan-27 |
| DAE4 | SN 1588 | 29-Aug-25(CTTL-SPEAG, No. 25J02Z0000631) | Aug-26 |
| Secondary Standards | ID # | Cal Date (Calibrated by, Certificate No.) | Scheduled Calibration |
| SignalGeneratorSMA200A | 107732 | 01-Dec-25 (CTTL, No. 25J02X102467) | Nov-26 |
| NetworkAnalyzer E5071C | MY46110673 | 26-Nov-25 (CTTL, No. 25J02X102468) | Nov-26 |
| OCP DAKS-3.5 | 0015 | 20-Oct-25(SPEAG, No. OCP-DAKS-0015_Oct25) | Oct-26 |

| | Name | Function | Signature |
|----------------|-------------|--------------------|-----------|
| Calibrated by: | Zhao Jing | SAR Test Engineer | |
| Reviewed by: | Lin Jun | SAR Test Engineer | |
| Approved by: | Qi Dianyuan | SAR Project Leader | |

Issued: February 13, 2026

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Certificate No: 26J02Z000090

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**Glossary:**

| | |
|-------|--|
| TSL | tissue simulating liquid |
| ConvF | sensitivity in TSL / NORM _{x,y,z} |
| N/A | not applicable or not measured |

Calibration is Performed According to the Following Standards:

- IEC/IEEE 62209-1528, "Measurement Procedure for The Assessment of Specific Absorption Rate of Human Exposure to Radio Frequency Fields from Hand-held and Body-mounted Wireless Communication Devices- Part 1528: Human Models, Instrumentation and Procedures (Frequency range of 4 MHz to 10 GHz)", October 2020
- KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Additional Documentation:

- DASY System Handbook

Methods Applied and Interpretation of Parameters:

- *Measurement Conditions:* Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- *Antenna Parameters with TSL:* The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- *Feed Point Impedance and Return Loss:* These parameters are measured with the dipole positioned under the liquid filled phantom. The impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- *SAR measured:* SAR measured at the stated antenna input power.
- *SAR normalized:* SAR as measured, normalized to an input power of 1 W at the antenna connector.
- *SAR for nominal TSL parameters:* The measured TSL parameters are used to calculate the nominal SAR result.

The reported uncertainty of measurement is stated as the standard uncertainty of Measurement multiplied by the coverage factor $k=2$, which for a normal distribution Corresponds to a coverage probability of approximately 95%.



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Measurement Conditions

DASY system configuration, as far as not given on page 1.

| | | |
|------------------------------|------------------------|-------------|
| DASY Version | DASY6 | V17.0.0 |
| Extrapolation | Advanced Extrapolation | |
| Phantom | Modular Flat Phantom | |
| Distance Dipole Center - TSL | 10 mm | with Spacer |
| Frequency | 2600 MHz \pm 1 MHz | |

Head TSL parameters at 2600 MHz

The following parameters and calculations were applied.

| | Temperature | Permittivity | Conductivity |
|---|---------------------|----------------|----------------------|
| Nominal Head TSL parameters | 22.0 °C | 39.0 | 1.96 mho/m |
| Measured Head TSL parameters | (22.0 \pm 0.2) °C | 39.4 \pm 6 % | 1.95 mho/m \pm 6 % |
| Head TSL temperature change during test | <1.0 °C | ---- | ---- |

SAR result with Head TSL at 2600 MHz

| SAR averaged over 1 cm ³ (1 g) of Head TSL | Condition | |
|---|--------------------|----------------------------|
| SAR measured | 24 dBm input power | 13.7 W/kg |
| SAR for nominal Head TSL parameters | normalized to 1W | 55.1 W/kg \pm 20 % (k=2) |
| SAR averaged over 10 cm ³ (10 g) of Head TSL | Condition | |
| SAR measured | 24 dBm input power | 6.21 W/kg |
| SAR for nominal Head TSL parameters | normalized to 1W | 24.9 W/kg \pm 20 % (k=2) |



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Appendix (Additional assessments outside the scope of CNAS L0570)

Antenna Parameters with Head TSL at 2600 MHz

| | |
|--------------------------------------|---------------|
| Impedance, transformed to feed point | 45.8Ω+ 0.08jΩ |
| Return Loss | - 27.2dB |

General Antenna Parameters and Design

| | |
|----------------------------------|----------|
| Electrical Delay (one direction) | 1.042 ns |
|----------------------------------|----------|

After long term use with 100W radiated power, only a slight warming of the dipole near the feed-point can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard. No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feed-point may be damaged.

Additional EUT Data

| | |
|-----------------|-------|
| Manufactured by | SPEAG |
|-----------------|-------|



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DASY6 Validation Report for Head TSL

Date: 2026-02-04

Test Laboratory: CTTL, Beijing, China

Summary

| Dipole | Frequency [MHz] | TSL | Power [dBm] |
|-------------------|-----------------|-----|-------------|
| D2600V2 – SN 1207 | 2600 | HSL | 24 |

Exposure Conditions

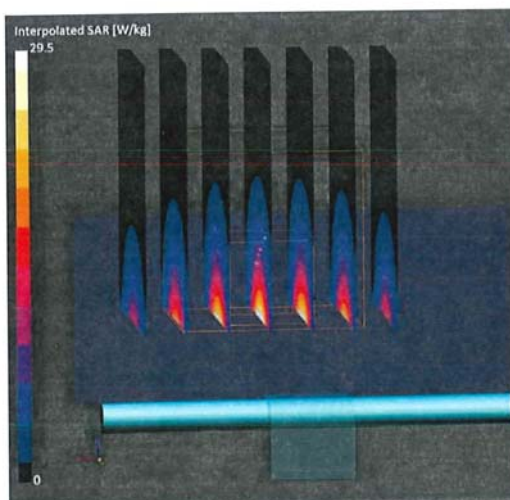
| Phantom | Position, Test | Band Group, | Frequency | Conversion | TSL Cond. | TSL |
|--------------|----------------|-------------|-----------|------------|-----------|--------------|
| Section, TSL | Distance [mm] | UID | [MHz] | Factor | [S/m] | Permittivity |
| Flat | 10 | CW, | 2600 | 7.86 | 1.95 | 39.4 |

Hardware Setup

| Phantom | TSL | Probe, Calibration Date | DAE, Calibration Date |
|-----------------|-----------|-----------------------------|-------------------------|
| MFP V8.0 Center | 2600 Head | EX3DV4 - SN7600, 2026-01-19 | DAE4 Sn1588, 2025-08-29 |

Scan Setup**Measurement Results**

| | Zoom Scan | | Zoom Scan |
|---------------------|----------------|---------------------|---------------|
| Grid Extents [mm] | 30.0×30.0×30.0 | psSAR1g [W/kg] | 13.7 |
| Grid Steps [mm] | 5.0×5.0×1.5 | psSAR10g [W/kg] | 6.21 |
| Sensor Surface [mm] | 1.4 | Power Drift [dB] | -0.01 |
| Graded Grid | Yes | Power Scaling | Disabled |
| Grading Ratio | 1.5 | Scaling Factor [dB] | |
| MAIA | N/A | TSL Correction | No correction |
| Surface Detection | VMS + 6p | M2/M1 [%] | 78.8 |
| Scan Method | Measured | Dist 3dB Peak [mm] | 9.0 |



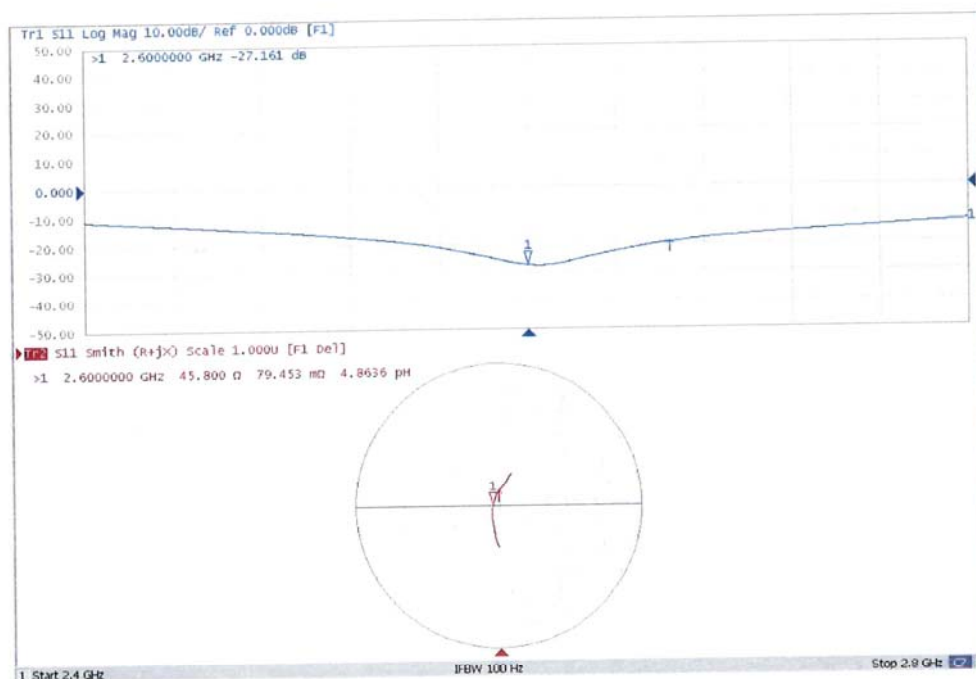
Certificate No: 26J02Z000090

Page 5 of 6



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Impedance Measurement Plot for Head TSL



Certificate No: 26J02Z000090

Page 6 of 6



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Client **BACL(Shenzhen)**

Certificate No: **26J02Z000091**

CALIBRATION CERTIFICATE

Object **D5GHzV2 - SN: 1374**

Calibration Procedure(s) **FF-Z11-0003-02**
Calibration Procedures for dipole validation kits

Calibration date: **February 9, 2026**

This calibration Certificate documents the traceability to national standards, which realize the physical units of measurements (SI). The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22±3)°C and humidity<70%.

Calibration Equipment used (M&TE critical for calibration)

| Primary Standards | ID # | Cal Date (Calibrated by, Certificate No.) | Scheduled Calibration |
|------------------------|------------|---|-----------------------|
| Power Meter NRP2 | 106276 | 16-May-25 (CTTL, No. 25J02X003423) | May-26 |
| Power sensor NRP6A | 101369 | 16-May-25 (CTTL, No. 25J02X003423) | May-26 |
| Reference Probe EX3DV4 | SN 7307 | 27-May-25(SPEAG, No. EX-7307_May25) | May-26 |
| DAE4 | SN 1588 | 29-Aug-25(CTTL-SPEAG, No. 25J02Z000631) | Aug-26 |
| Secondary Standards | ID # | Cal Date (Calibrated by, Certificate No.) | Scheduled Calibration |
| SignalGeneratorSMA200A | 107732 | 01-Dec-25 (CTTL, No. 25J02X102467) | Nov-26 |
| NetworkAnalyzer E5071C | MY46110673 | 26-Nov-25 (CTTL, No. 25J02X102468) | Nov-26 |
| OCP DAKS-3.5 | 0015 | 20-Oct-25(SPEAG, No. OCP-DAKS-0015_Oct25) | Oct-26 |

| | Name | Function | Signature |
|----------------|-------------|--------------------|-----------|
| Calibrated by: | Zhao Jing | SAR Test Engineer | |
| Reviewed by: | Lin Jun | SAR Test Engineer | |
| Approved by: | Qi Dianyuan | SAR Project Leader | |

Issued: February 13, 2026

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

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Page 1 of 9



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**Glossary:**

| | |
|-------|--|
| TSL | tissue simulating liquid |
| ConvF | sensitivity in TSL / NORM _{x,y,z} |
| N/A | not applicable or not measured |

Calibration is Performed According to the Following Standards:

- IEC/IEEE 62209-1528, "Measurement Procedure for The Assessment of Specific Absorption Rate of Human Exposure to Radio Frequency Fields from Hand-held and Body-mounted Wireless Communication Devices- Part 1528: Human Models, Instrumentation and Procedures (Frequency range of 4 MHz to 10 GHz)", October 2020
- KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Additional Documentation:

- DASY System Handbook

Methods Applied and Interpretation of Parameters:

- *Measurement Conditions:* Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- *Antenna Parameters with TSL:* The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- *Feed Point Impedance and Return Loss:* These parameters are measured with the dipole positioned under the liquid filled phantom. The impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- *SAR measured:* SAR measured at the stated antenna input power.
- *SAR normalized:* SAR as measured, normalized to an input power of 1 W at the antenna connector.
- *SAR for nominal TSL parameters:* The measured TSL parameters are used to calculate the nominal SAR result.

The reported uncertainty of measurement is stated as the standard uncertainty of Measurement multiplied by the coverage factor $k=2$, which for a normal distribution Corresponds to a coverage probability of approximately 95%.



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Measurement Conditions

DASY system configuration, as far as not given on page 1.

| | | |
|------------------------------|--|-------------|
| DASY Version | DASY6 | V17.0.0 |
| Extrapolation | Advanced Extrapolation | |
| Phantom | Modular Flat Phantom | |
| Distance Dipole Center - TSL | 10 mm | with Spacer |
| Frequency | 5250 MHz \pm 1 MHz 5600 MHz \pm 1 MHz 5800 MHz \pm 1 MHz | |

Head TSL parameters at 5250MHz

The following parameters and calculations were applied.

| | Temperature | Permittivity | Conductivity |
|---|---------------------|----------------|----------------------|
| Nominal Head TSL parameters | 22.0 °C | 35.9 | 4.71 mho/m |
| Measured Head TSL parameters | (22.0 \pm 0.2) °C | 35.4 \pm 6 % | 4.68 mho/m \pm 6 % |
| Head TSL temperature change during test | <1.0 °C | ---- | ---- |

SAR result with Head TSL at 5250MHz

| SAR averaged over 1 cm ³ (1 g) of Head TSL | Condition | |
|---|--------------------|----------------------------|
| SAR measured | 20 dBm input power | 7.91 W/kg |
| SAR for nominal Head TSL parameters | normalized to 1W | 78.9 W/kg \pm 24 % (k=2) |
| SAR averaged over 10 cm ³ (10 g) of Head TSL | Condition | |
| SAR measured | 20 dBm input power | 2.23 W/kg |
| SAR for nominal Head TSL parameters | normalized to 1W | 22.2 W/kg \pm 24 % (k=2) |



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Head TSL parameters at 5600MHz

The following parameters and calculations were applied.

| | Temperature | Permittivity | Conductivity |
|---|-----------------|--------------|------------------|
| Nominal Head TSL parameters | 22.0 °C | 35.5 | 5.07 mho/m |
| Measured Head TSL parameters | (22.0 ± 0.2) °C | 34.8 ± 6 % | 5.06 mho/m ± 6 % |
| Head TSL temperature change during test | <1.0 °C | ---- | ---- |

SAR result with Head TSL at 5600MHz

| | | |
|---|--------------------|------------------------|
| SAR averaged over 1 cm ³ (1 g) of Head TSL | Condition | |
| SAR measured | 20 dBm input power | 8.19 W/kg |
| SAR for nominal Head TSL parameters | normalized to 1W | 81.6 W/kg ± 24 % (k=2) |
| SAR averaged over 10 cm ³ (10 g) of Head TSL | Condition | |
| SAR measured | 20 dBm input power | 2.31 W/kg |
| SAR for nominal Head TSL parameters | normalized to 1W | 23.0 W/kg ± 24 % (k=2) |

Head TSL parameters at 5800MHz

The following parameters and calculations were applied.

| | Temperature | Permittivity | Conductivity |
|---|-----------------|--------------|------------------|
| Nominal Head TSL parameters | 22.0 °C | 35.3 | 5.27 mho/m |
| Measured Head TSL parameters | (22.0 ± 0.2) °C | 34.6 ± 6 % | 5.25 mho/m ± 6 % |
| Head TSL temperature change during test | <1.0 °C | ---- | ---- |

SAR result with Head TSL at 5800MHz

| | | |
|---|--------------------|------------------------|
| SAR averaged over 1 cm ³ (1 g) of Head TSL | Condition | |
| SAR measured | 20 dBm input power | 7.83 W/kg |
| SAR for nominal Head TSL parameters | normalized to 1W | 78.0 W/kg ± 24 % (k=2) |
| SAR averaged over 10 cm ³ (10 g) of Head TSL | Condition | |
| SAR measured | 20 dBm input power | 2.20 W/kg |
| SAR for nominal Head TSL parameters | normalized to 1W | 21.9 W/kg ± 24 % (k=2) |



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Appendix (Additional assessments outside the scope of CNAS L0570)

Antenna Parameters with Head TSL at 5250MHz

| | |
|--------------------------------------|---------------|
| Impedance, transformed to feed point | 46.9Ω- 2.77jΩ |
| Return Loss | - 27.3dB |

Antenna Parameters with Head TSL at 5600MHz

| | |
|--------------------------------------|---------------|
| Impedance, transformed to feed point | 50.6Ω+ 3.36jΩ |
| Return Loss | - 29.4dB |

Antenna Parameters with Head TSL at 5800MHz

| | |
|--------------------------------------|---------------|
| Impedance, transformed to feed point | 52.3Ω+ 3.45jΩ |
| Return Loss | - 27.8dB |

General Antenna Parameters and Design

| | |
|----------------------------------|----------|
| Electrical Delay (one direction) | 1.096 ns |
|----------------------------------|----------|

After long term use with 100W radiated power, only a slight warming of the dipole near the feed-point can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard. No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feed-point may be damaged.

Additional EUT Data

| | |
|-----------------|-------|
| Manufactured by | SPEAG |
|-----------------|-------|



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**DASY6 Validation Report for Head TSL**

Date: 2026-02-05

Test Laboratory: CTTL, Beijing, China

Summary

| Dipole | Frequency [MHz] | TSL | Power [dBm] |
|-------------------|-----------------|-----|-------------|
| D5GHzV2 – SN 1374 | 5250 | HSL | 20 |

Exposure Conditions

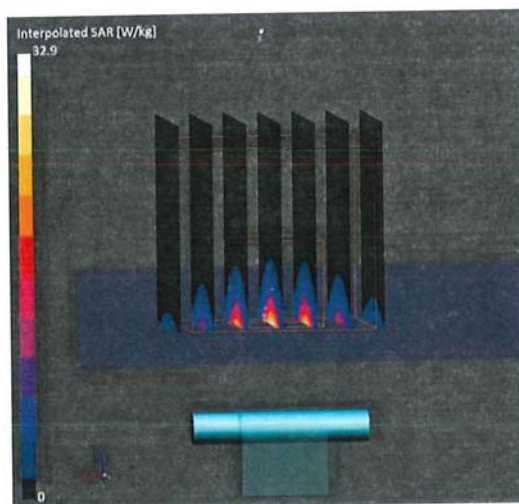
| Phantom | Position, Test | Band Group, | Frequency | Conversion | TSL Cond. | TSL |
|--------------|----------------|-------------|-----------|------------|-----------|--------------|
| Section, TSL | Distance [mm] | UID | [MHz] | Factor | [S/m] | Permittivity |
| Flat | 10 | CW, | 5250 | 5.49 | 4.68 | 35.4 |

Hardware Setup

| Phantom | TSL | Probe, Calibration Date | DAE, Calibration Date |
|-----------------|-------|-----------------------------|-------------------------|
| MFP V8.0 Center | HSL5G | EX3DV4 - SN7307, 2025-05-27 | DAE4 Sn1588, 2025-08-29 |

Scan Setup**Measurement Results**

| | Zoom Scan | Zoom Scan |
|---------------------|----------------|------------------------------|
| Grid Extents [mm] | 22.0×22.0×22.0 | psSAR1g [W/kg] 7.91 |
| Grid Steps [mm] | 4.0×4.0×1.4 | psSAR10g [W/kg] 2.23 |
| Sensor Surface [mm] | 1.4 | Power Drift [dB] 0.07 |
| Graded Grid | Yes | Power Scaling Disabled |
| Grading Ratio | 1.4 | Scaling Factor [dB] |
| MAIA | N/A | TSL Correction No correction |
| Surface Detection | VMS + 6p | M2/M1 [%] 62.1 |
| Scan Method | Measured | Dist 3dB Peak [mm] 6.9 |



Certificate No: 26J02Z000091

Page 6 of 9



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**DASY6 Validation Report for Head TSL**

Date: 2026-02-06

Test Laboratory: CTTL, Beijing, China

Summary

| Dipole | Frequency [MHz] | TSL | Power [dBm] |
|-------------------|-----------------|-----|-------------|
| D5GHzV2 – SN 1374 | 5600 | HSL | 20 |

Exposure Conditions

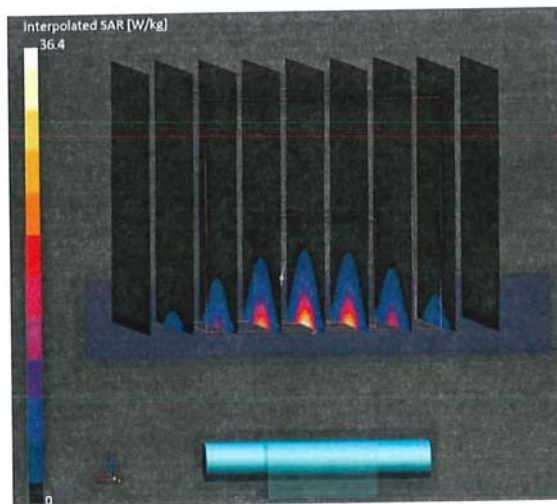
| Phantom | Position, Test | Band Group, | Frequency | Conversion | TSL Cond. | TSL |
|--------------|----------------|-------------|-----------|------------|-----------|--------------|
| Section, TSL | Distance [mm] | UID | [MHz] | Factor | [S/m] | Permittivity |
| Flat | 10 | CW, | 5600 | 4.95 | 5.06 | 34.8 |

Hardware Setup

| Phantom | TSL | Probe, Calibration Date | DAE, Calibration Date |
|-----------------|-------|-----------------------------|-------------------------|
| MFP V8.0 Center | HSL5G | EX3DV4 - SN7307, 2025-05-27 | DAE4 Sn1588, 2025-08-29 |

Scan Setup**Measurement Results**

| | Zoom Scan | | Zoom Scan |
|---------------------|----------------|---------------------|---------------|
| Grid Extents [mm] | 22.0×22.0×22.0 | psSAR1g [W/kg] | 8.19 |
| Grid Steps [mm] | 4.0×4.0×1.4 | psSAR10g [W/kg] | 2.31 |
| Sensor Surface [mm] | 1.4 | Power Drift [dB] | -0.00 |
| Graded Grid | Yes | Power Scaling | Disabled |
| Grading Ratio | 1.4 | Scaling Factor [dB] | |
| MAIA | N/A | TSL Correction | No correction |
| Surface Detection | VMS + 6p | M2/M1 [%] | 59.3 |
| Scan Method | Measured | Dist 3dB Peak [mm] | 7.4 |



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Page 7 of 9



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DASY6 Validation Report for Head TSL
Test Laboratory: CCTL, Beijing, China

Date: 2026-02-09

Summary

| Dipole | Frequency [MHz] | TSL | Power [dBm] |
|-------------------|-----------------|-----|-------------|
| D5GHzV2 – SN 1374 | 5800 | HSL | 20 |

Exposure Conditions

| Phantom | Position, Test | Band Group, UID | Frequency [MHz] | Conversion Factor | TSL Cond. [S/m] | TSL Permittivity |
|--------------|----------------|-----------------|-----------------|-------------------|-----------------|------------------|
| Section, TSL | Distance [mm] | | | | | |
| Flat | 10 | CW, | 5800 | 5.03 | 5.25 | 34.6 |

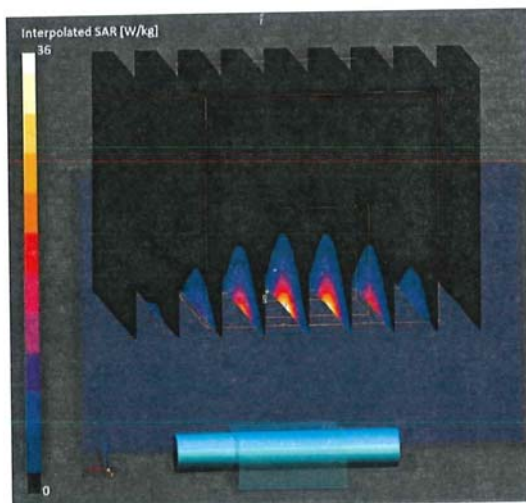
Hardware Setup

| Phantom | TSL | Probe, Calibration Date | DAE, Calibration Date |
|-----------------|-------|-----------------------------|-------------------------|
| MFP V8.0 Center | HSL5G | EX3DV4 - SN7307, 2025-05-27 | DAE4 Sn1588, 2025-08-29 |

Scan Setup

Measurement Results

| | Zoom Scan | | Zoom Scan |
|---------------------|----------------|---------------------|---------------|
| Grid Extents [mm] | 22.0×22.0×22.0 | psSAR1g [W/kg] | 7.83 |
| Grid Steps [mm] | 4.0×4.0×1.4 | psSAR10g [W/kg] | 2.20 |
| Sensor Surface [mm] | 1.4 | Power Drift [dB] | 0.03 |
| Graded Grid | Yes | Power Scaling | Disabled |
| Grading Ratio | 1.4 | Scaling Factor [dB] | |
| MAIA | N/A | TSL Correction | No correction |
| Surface Detection | VMS + 6p | M2/M1 [%] | 57.4 |
| Scan Method | Measured | Dist 3dB Peak [mm] | 7.6 |



Certificate No: 26J02Z000091

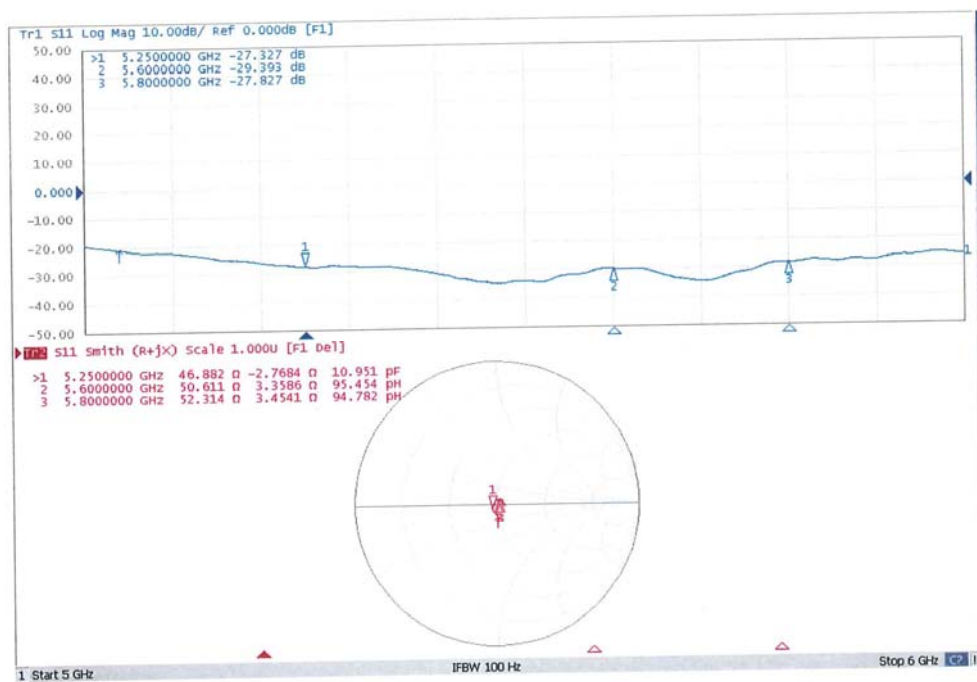
Page 8 of 9



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Impedance Measurement Plot for Head TSL



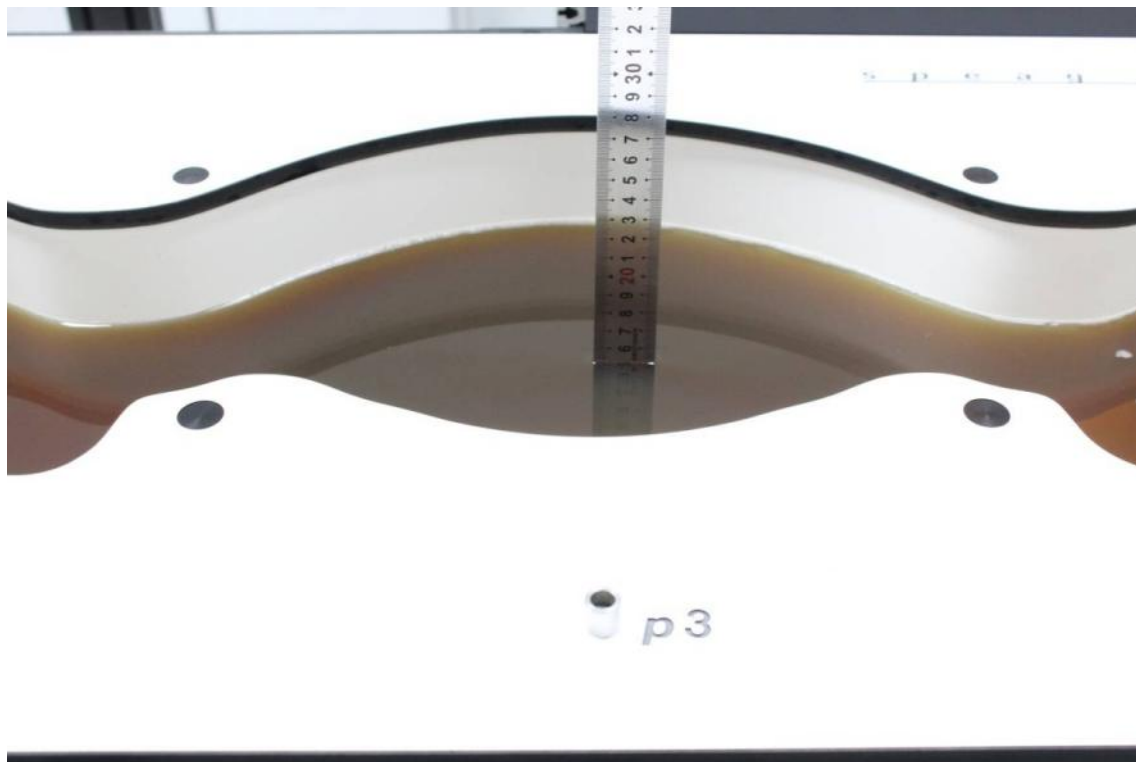
Certificate No: 26J02Z000091

Page 9 of 9

APPENDIX D EUT TEST POSITION PHOTOS

Liquid depth $\geq 15\text{cm}$

Phantom: SAM-Twin V8.0 P1aP2a; Type: QD 000 P41 AA ; Serial: 1962



Head Left Cheek Setup Photo



Head Left Tilt Setup Photo



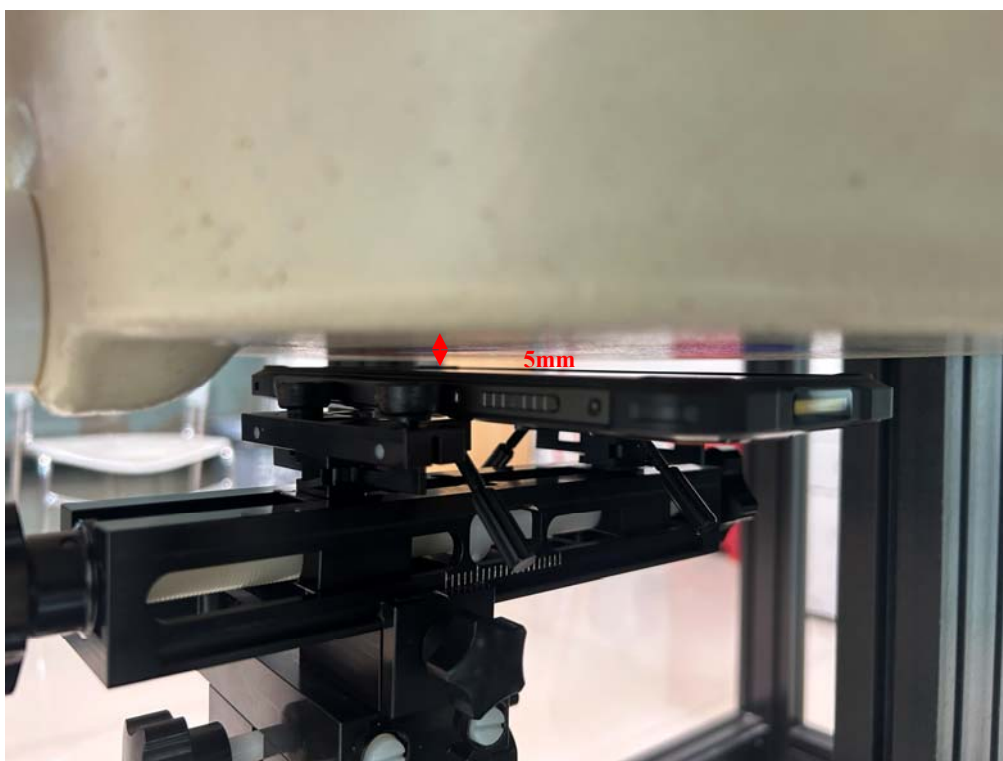
Head Right Cheek Setup Photo



Head Right Tilt Setup Photo



Body Front Setup Photo (5 mm)



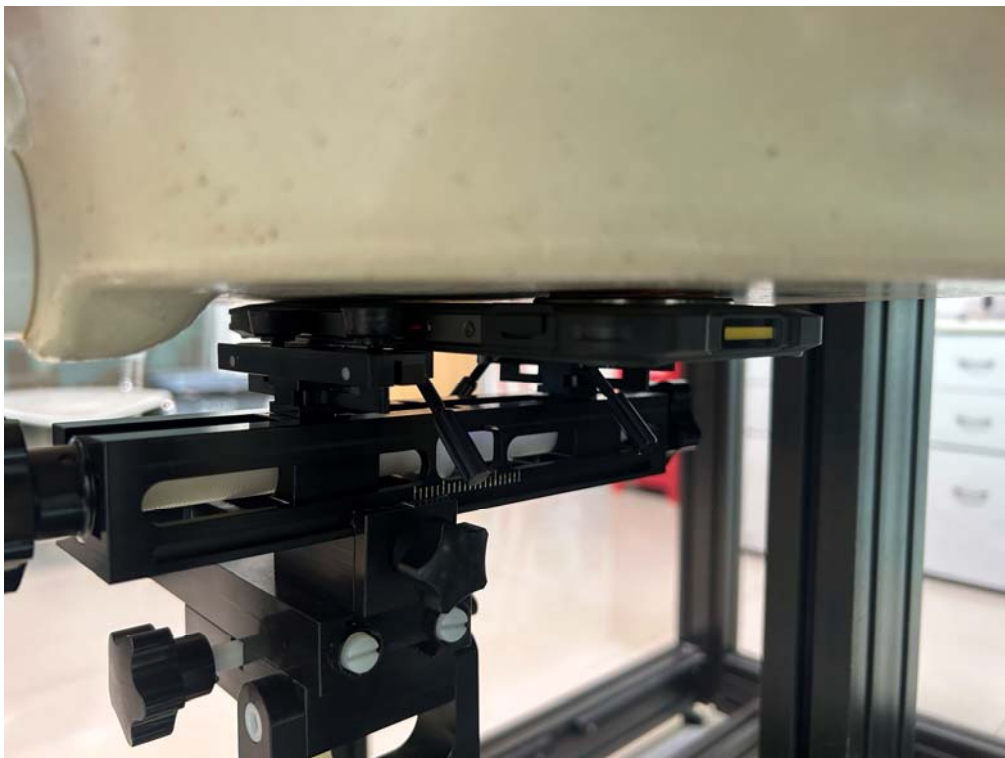
Body Back Setup Photo (5 mm)



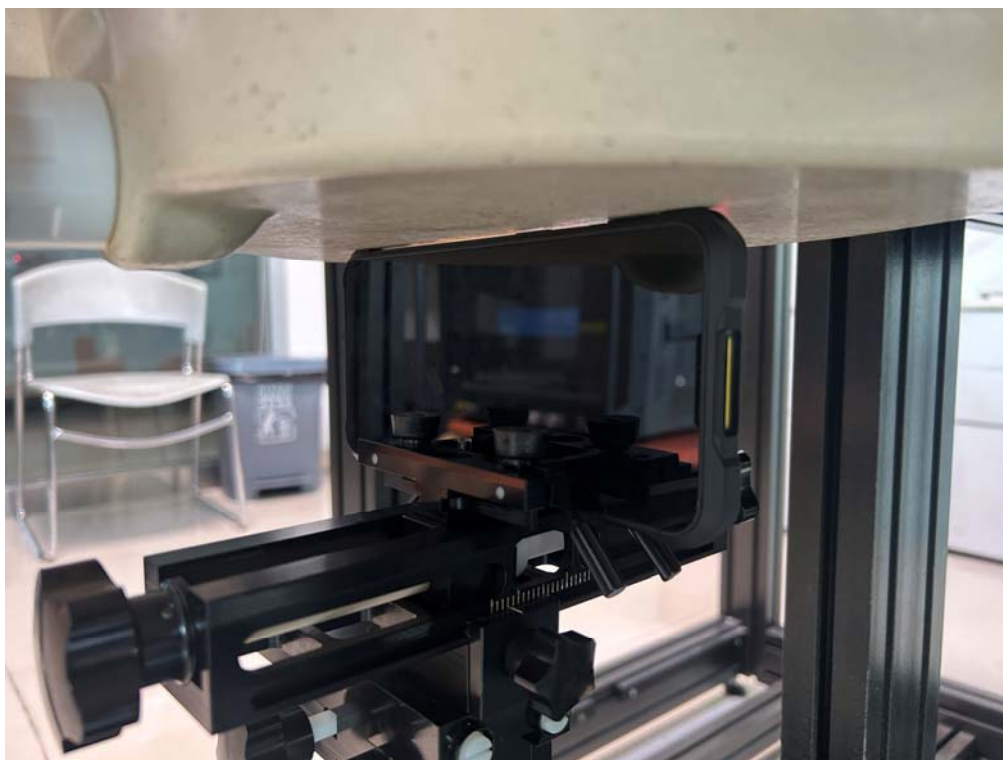
Limb Front Setup Photo (0 mm)



Limb Back Setup Photo (0 mm)



Limb Left Setup Photo (0 mm)



Limb Right Setup Photo (0 mm)



Limb Top Setup Photo (0 mm)

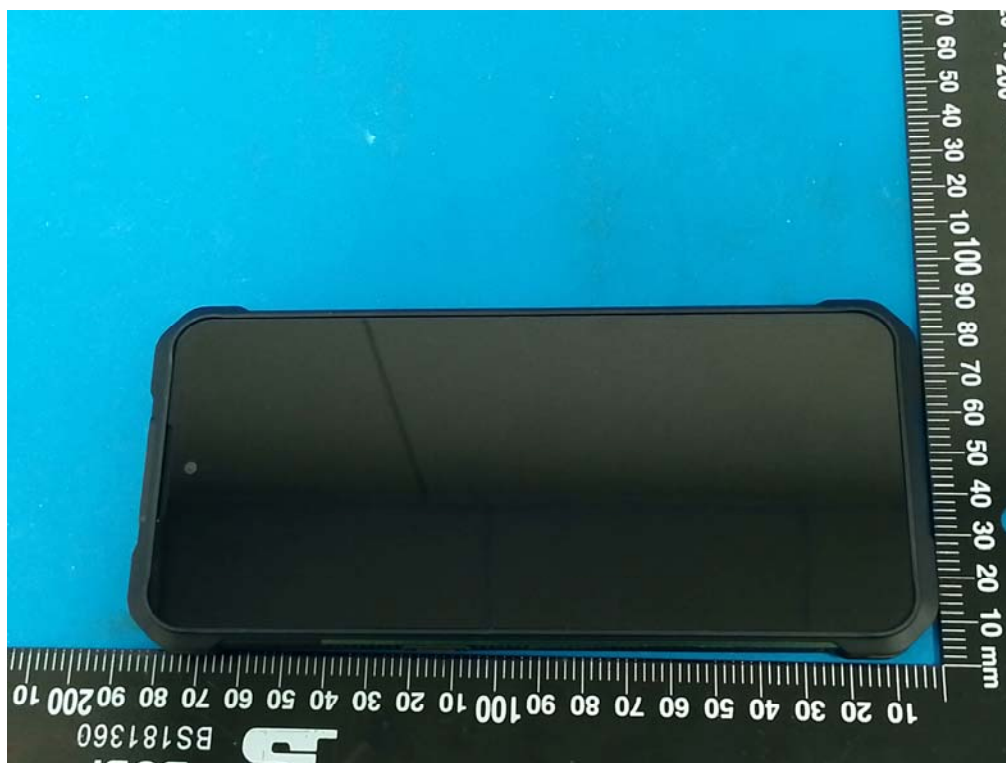


Limb Bottom Setup Photo (0 mm)



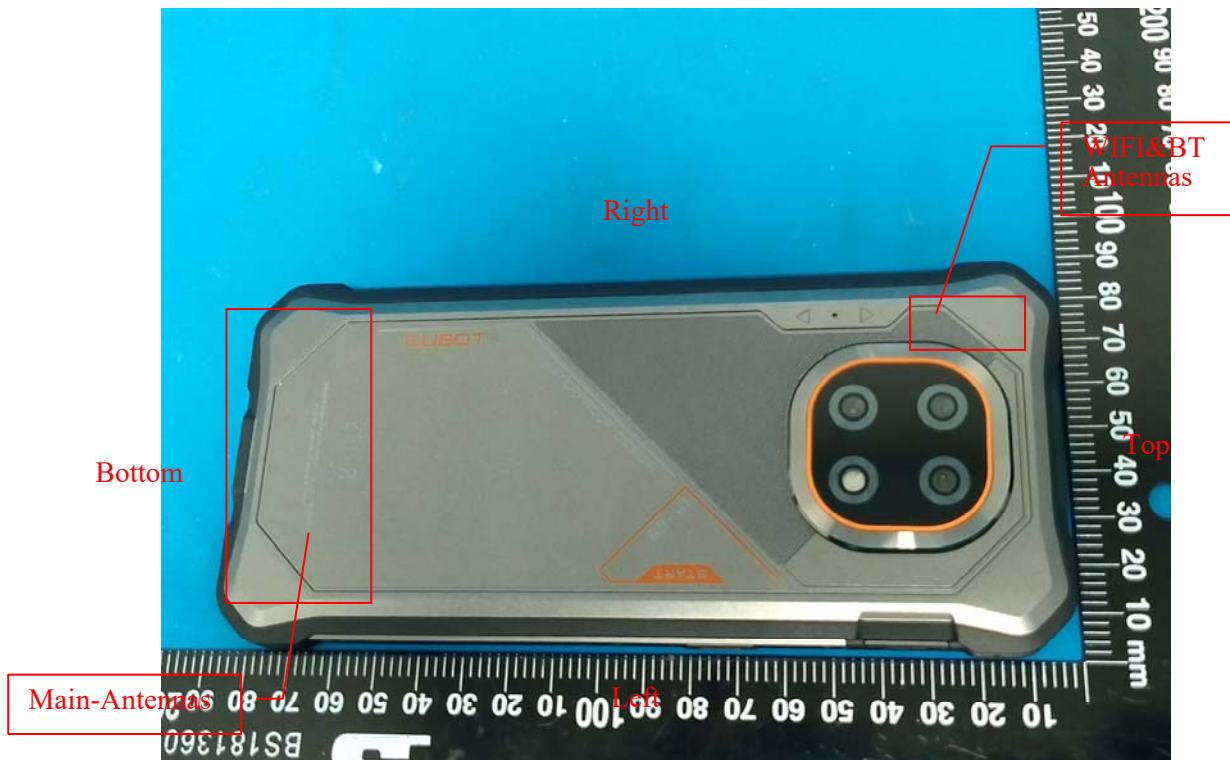
APPENDIX E EUT PHOTOS

EUT – Front View



EUT – Rear View



Antennas Location (EUT Back View)

| ANT | Description |
|------|---|
| Main | TX & RX: EGSM 900; DCS 1800; WCDMA Band 1/8; LTE Band 1/3/7/8/20/28/38/40; |
| BT | TX & RX: WLAN 2.4G; WLAN 5.2G/5.3G/5.6G/5.8G; Bluetooth: BDR & EDR BLE 1M&2M |

APPENDIX F INFORMATIVE REFERENCES

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