

# SAR Test Report

Report No.: AGC00408211202FH01

**FCC ID** : 2A3DR-H5

**APPLICATION PURPOSE** : Original Equipment

**PRODUCT DESIGNATION** : 4G Smart Phone

**BRAND NAME** : AGM

**MODEL NAME** : AGM H5, H5, AGM H5 PRO, AGM H5 SE

**APPLICANT** : AGM Mobile Limited

**DATE OF ISSUE** : Jan. 24, 2022

**STANDARD(S)** : IEEE Std. 1528:2013  
FCC 47 CFR Part 2§2.1093  
IEEE Std C95.1™-2005  
IEC 62209-1: 2016

**REPORT VERSION** : V1.0

Attestation of Global Compliance(Shenzhen) Co., Ltd.



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>



### Report Revise Record

| Report Version | Revise Time | Issued Date   | Valid Version | Notes           |
|----------------|-------------|---------------|---------------|-----------------|
| V1.0           | /           | Jan. 24, 2022 | Valid         | Initial Release |

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>



## Test Report

|                       |                                                                                                                                             |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Applicant Name        | AGM Mobile Limited                                                                                                                          |
| Applicant Address     | FLAT B5, 1/F MANNING IND. BUILDING, 116-118 HOW MING STREET, KWUN TONG, KOWLOON, HONG KONG                                                  |
| Manufacturer Name     | Shenzhen AIJIEMO Technology Company Limited                                                                                                 |
| Manufacturer Address  | 1st Floor 101 and 2nd Floor 201, Building A2, Huafeng Century Technology Park, Nanchang Community, Xixiang, Baoan District, Shenzhen, China |
| Factory Name          | Shenzhen AIJIEMO Technology Company Limited                                                                                                 |
| Factory Address       | 1st Floor 101 and 2nd Floor 201, Building A2, Huafeng Century Technology Park, Nanchang Community, Xixiang, Baoan District, Shenzhen, China |
| Product Designation   | 4G Smart Phone                                                                                                                              |
| Brand Name            | AGM                                                                                                                                         |
| Model Name            | AGM H5, H5, AGM H5 PRO, AGM H5 SE                                                                                                           |
| Different Description | All the same, except for the model name. The test model is AGM H5.                                                                          |
| EUT Voltage           | DC3.85V by battery                                                                                                                          |
| Applicable Standard   | IEEE Std. 1528:2013<br>FCC 47 CFR Part 282.1093<br>IEEE Std C95.1™-2005<br>IEC 62209-1: 2016                                                |
| Test Date             | Dec. 29, 2021 to Jan. 14, 2022                                                                                                              |
| Report Template       | AGCRT-US-4G/SAR (2021-04-20)                                                                                                                |

Note: The results of testing in this report apply to the product/system which was tested only.

*Thea Huang*

Prepared By

Thea Huang (Project Engineer)

Jan. 14, 2022

*Calvin Liu*

Reviewed By

Calvin Liu (Reviewer)

Jan. 24, 2022

*Max Zhang*

Approved By

Max Zhang (Authorized Officer)

Jan. 24, 2022

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd

Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



## TABLE OF CONTENTS

|                                                                                              |            |
|----------------------------------------------------------------------------------------------|------------|
| <b>1. SUMMARY OF MAXIMUM SAR VALUE .....</b>                                                 | <b>5</b>   |
| <b>2. GENERAL INFORMATION.....</b>                                                           | <b>6</b>   |
| 2.1. EUT DESCRIPTION.....                                                                    | 6          |
| <b>3. SAR MEASUREMENT SYSTEM.....</b>                                                        | <b>8</b>   |
| 3.1. THE DASY5 SYSTEM USED FOR PERFORMING COMPLIANCE TESTS CONSISTS OF FOLLOWING ITEMS ..... | 8          |
| 3.2. DASY5 E-FIELD PROBE.....                                                                | 9          |
| 3.3. DATA ACQUISITION ELECTRONICS DESCRIPTION .....                                          | 9          |
| 3.4. ROBOT.....                                                                              | 10         |
| 3.5. LIGHT BEAM UNIT .....                                                                   | 10         |
| 3.6. DEVICE HOLDER .....                                                                     | 11         |
| 3.7. MEASUREMENT SERVER.....                                                                 | 11         |
| 3.8. PHANTOM.....                                                                            | 12         |
| <b>4. SAR MEASUREMENT PROCEDURE.....</b>                                                     | <b>13</b>  |
| 4.1. SPECIFIC ABSORPTION RATE (SAR).....                                                     | 13         |
| 4.2. SAR MEASUREMENT PROCEDURE .....                                                         | 14         |
| 4.3. RF EXPOSURE CONDITIONS .....                                                            | 16         |
| <b>5. TISSUE SIMULATING LIQUID.....</b>                                                      | <b>18</b>  |
| 5.1. THE COMPOSITION OF THE TISSUE SIMULATING LIQUID.....                                    | 18         |
| 5.2. TISSUE DIELECTRIC PARAMETERS FOR HEAD AND BODY PHANTOMS .....                           | 19         |
| 5.3. TISSUE CALIBRATION RESULT .....                                                         | 20         |
| <b>6. SAR SYSTEM CHECK PROCEDURE .....</b>                                                   | <b>23</b>  |
| 6.1. SAR SYSTEM CHECK PROCEDURES .....                                                       | 23         |
| 6.2. SAR SYSTEM CHECK.....                                                                   | 24         |
| <b>7. EUT TEST POSITION.....</b>                                                             | <b>26</b>  |
| 7.2. CHEEK POSITION .....                                                                    | 27         |
| 7.3. TILT POSITION.....                                                                      | 27         |
| 7.4. BODY WORN POSITION .....                                                                | 28         |
| <b>8. SAR EXPOSURE LIMITS .....</b>                                                          | <b>29</b>  |
| <b>9. TEST FACILITY .....</b>                                                                | <b>30</b>  |
| <b>10. TEST EQUIPMENT LIST .....</b>                                                         | <b>31</b>  |
| <b>11. MEASUREMENT UNCERTAINTY .....</b>                                                     | <b>32</b>  |
| <b>12. CONDUCTED POWER MEASUREMENT.....</b>                                                  | <b>35</b>  |
| <b>13. TEST RESULTS.....</b>                                                                 | <b>63</b>  |
| 13.1. SAR TEST RESULTS SUMMARY.....                                                          | 63         |
| <b>APPENDIX A. SAR SYSTEM CHECK DATA .....</b>                                               | <b>132</b> |
| <b>APPENDIX B. SAR MEASUREMENT DATA.....</b>                                                 | <b>142</b> |
| <b>APPENDIX C. TEST SETUP PHOTOGRAPHS.....</b>                                               | <b>192</b> |
| <b>APPENDIX D. CALIBRATION DATA .....</b>                                                    | <b>199</b> |

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.



## 1. SUMMARY OF MAXIMUM SAR VALUE

The maximum results of Specific Absorption Rate (SAR) found during testing for EUT are as follows:

| Frequency Band            | Highest Reported 1g-SAR(W/kg) |           | SAR Test Limit (W/kg) |
|---------------------------|-------------------------------|-----------|-----------------------|
|                           | Head                          | Body-worn |                       |
| GSM 850                   | 0.447                         | 0.783     | 1.6                   |
| PCS 1900                  | 0.075                         | 1.149     |                       |
| UMTS Band II              | 0.141                         | 0.664     |                       |
| UMTS Band IV              | 0.225                         | 0.553     |                       |
| UMTS Band V               | 0.287                         | 0.554     |                       |
| LTE Band 2                | 0.251                         | 0.755     |                       |
| LTE Band 4                | 0.411                         | 0.764     |                       |
| LTE Band 5                | 0.288                         | 0.340     |                       |
| LTE Band 12               | 0.089                         | 0.126     |                       |
| LTE Band 13               | 0.095                         | 0.119     |                       |
| LTE Band 17               | 0.034                         | 0.079     |                       |
| LTE Band 25               | 0.189                         | 0.922     |                       |
| WIFI 2.4G                 | 0.404                         | 0.148     |                       |
| 5.2GHz (U-NII-1)          | 0.088                         | 0.067     |                       |
| 5.3GHz U-NII-2A           | 0.092                         | 0.075     |                       |
| 5.8GHz U-NII-3            | 0.083                         | 0.049     |                       |
| Simultaneous Reported SAR | 1.359                         |           |                       |
| SAR Test Result           | PASS                          |           |                       |

This device is compliance with Specific Absorption Rate (SAR) for general population/uncontrolled exposure limits (1.6W/kg) specified in IEEE Std. 1528:2013; FCC 47CFR § 2.1093; IEEE/ANSI C95.1:2005 and the following specific FCC Test Procedures:

- KDB 447498 D01 General RF Exposure Guidance v06
- KDB 648474 D04 Handset SAR v01r03
- KDB 865664 D01 SAR Measurement 100MHz to 6GHz v01r04
- KDB 941225 D01 3G SAR Procedures v03r01
- KDB 941225 D06 Hotspot Mode v02r01
- KDB 248227 D01 802.11 Wi-Fi SAR v02r02
- KDB 941225 D05 SAR for LTE Devices v02r05

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



## 2. GENERAL INFORMATION

### 2.1. EUT Description

| General Information     |                                                                                                                                                                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Designation     | 4G Smart Phone                                                                                                                                                                                                                                                              |
| Test Model              | AGM H5                                                                                                                                                                                                                                                                      |
| Hardware Version        | V1.0                                                                                                                                                                                                                                                                        |
| Software Version        | PH01P.E66.FAC.HB.R0.HP.S50S101.ST7S29S79H10S59S22HR.211201.V7.0<br>1                                                                                                                                                                                                        |
| Device Category         | Portable                                                                                                                                                                                                                                                                    |
| RF Exposure Environment | Uncontrolled                                                                                                                                                                                                                                                                |
| Antenna Type            | Internal                                                                                                                                                                                                                                                                    |
| GSM and GPRS& EGPRS     |                                                                                                                                                                                                                                                                             |
| Support Band            | <input checked="" type="checkbox"/> GSM 850 <input checked="" type="checkbox"/> PCS 1900 <input type="checkbox"/> GSM 900 <input type="checkbox"/> DCS 1800                                                                                                                 |
| GPRS & EGPRS Type       | Class B                                                                                                                                                                                                                                                                     |
| GPRS & EGPRS Class      | Class 12(1Tx+4Rx, 2Tx+3Rx, 3Tx+2Rx, 4Tx+1Rx)                                                                                                                                                                                                                                |
| TX Frequency Range      | GSM 850 : 820-850MHz;; PCS 1900: 1850-1910MHz;                                                                                                                                                                                                                              |
| RX Frequency Range      | GSM 850 : 869~894MHz; PCS 1900: 1930~1990MHz                                                                                                                                                                                                                                |
| Release Version         | R99                                                                                                                                                                                                                                                                         |
| Type of modulation      | GMSK for GSM/GPRS; GMSK & 8-PSK for EGPRS                                                                                                                                                                                                                                   |
| Antenna Gain            | GSM850:0.5dBi; PCS1900: 0.8dBi                                                                                                                                                                                                                                              |
| Max. Average Power      | GSM850: 31.44dBm ;PCS1900: 29.95dBm                                                                                                                                                                                                                                         |
| WCDMA                   |                                                                                                                                                                                                                                                                             |
| Support Band            | <input checked="" type="checkbox"/> UMTS FDD Band II <input checked="" type="checkbox"/> UMTS FDD Band V <input checked="" type="checkbox"/> UMTS FDD Band IV<br><input checked="" type="checkbox"/> UMTS FDD Band I <input checked="" type="checkbox"/> UMTS FDD Band VIII |
| HS Type                 | HSPA(HSUPA/HSDPA)                                                                                                                                                                                                                                                           |
| TX Frequency Range      | WCDMA FDD Band II: 1850-1910MHz; WCDMA FDD Band V: 824-849MHz<br>FDD Band IV: 1710-1770MHz                                                                                                                                                                                  |
| RX Frequency Range      | WCDMA FDD Band II: 1930-1990MHz; WCDMA FDD Band V: 869-894MHz<br>FDD Band IV: 2110-2170MHz                                                                                                                                                                                  |
| Release Version         | Rel-6                                                                                                                                                                                                                                                                       |
| Type of modulation      | HSDPA:QPSK/16QAM; HSUPA:BPSK; WCDMA:QPSK                                                                                                                                                                                                                                    |
| Antenna Gain            | Band II: 0.8dBi; Band IV: 0.8dBi; Band V: 0.5dBi                                                                                                                                                                                                                            |
| Max. Average Power      | Band II: 22.12dBm; Band IV: 23.17Bm; Band V: 23.24dBm                                                                                                                                                                                                                       |
| Bluetooth               |                                                                                                                                                                                                                                                                             |
| Operation Frequency     | 2402~2480MHz                                                                                                                                                                                                                                                                |
| Antenna Gain            | 1.0dBi                                                                                                                                                                                                                                                                      |
| Bluetooth Version       | V5.0                                                                                                                                                                                                                                                                        |
| Type of modulation      | <b>BR/EDR:</b> GFSK, $\pi/4$ -DQPSK, 8-DPSK; <b>BLE:</b> GFSK                                                                                                                                                                                                               |
| EIRP                    | <b>BR/EDR:</b> 9.667dBm; <b>BLE:</b> -3.736dBm                                                                                                                                                                                                                              |
| WIFI                    |                                                                                                                                                                                                                                                                             |
| WIFI Specification      | <input type="checkbox"/> 802.11a <input checked="" type="checkbox"/> 802.11b <input checked="" type="checkbox"/> 802.11g <input checked="" type="checkbox"/> 802.11n(20) <input checked="" type="checkbox"/> 802.11n(40)                                                    |
| Operation Frequency     | 2412~2462MHz                                                                                                                                                                                                                                                                |
| Antenna Gain            | 1.0dBi                                                                                                                                                                                                                                                                      |
| Avg. Burst Power        | 11b:16.74dBm,11g:14.73dBm,11n(20):14.65dBm,11n(40):13.91dBm                                                                                                                                                                                                                 |

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.



### EUT Description (Continue)

|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>LTE</b>           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Support Band         | <input checked="" type="checkbox"/> FDD Band 2 <input checked="" type="checkbox"/> FDD Band 4 <input checked="" type="checkbox"/> FDD Band 5 <input checked="" type="checkbox"/> FDD Band 12<br><input checked="" type="checkbox"/> FDD Band 13 <input checked="" type="checkbox"/> FDD Band 17 <input checked="" type="checkbox"/> FDD Band 25   (U.S. Bands)<br><input checked="" type="checkbox"/> FDD Band 1 <input checked="" type="checkbox"/> FDD Band 3 <input checked="" type="checkbox"/> FDD Band 7 <input checked="" type="checkbox"/> FDD Band 8<br><input checked="" type="checkbox"/> FDD Band 20 <input checked="" type="checkbox"/> TDD Band 28 (Non-U.S. Bands) |
| TX Frequency Range   | Band 2:1850-1910MHz; Band 4:1710-1755MHz;Band 5:824-849MHz;<br>Band 12:699-716MHz; Band 13: 777-787MHz;<br>Band 17: 704-716MHz; Band 25: 1850-1915MHz;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| RX Frequency Range   | Band 2:1930-1990MHz; Band 4:2110-2155MHz; Band 5:869-894MHz;<br>Band 12: 729-746 MHz; Band 13: 746-756MHz;<br>Band 17: 734-746 MHz; Band 25: 1930-1995MHz;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Release Version      | Rel-8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Type of modulation   | QPSK, 16QAM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Antenna Gain         | Band 2: 0.8dBi; Band 4: 0.8dBi; Band 5: 0.5dBi; Band 12: 0.6dBi;<br>Band 13: 0.6dBi; Band 17: 0.6dBi; Band 25: 0.8dBi;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Diversity Gain       | Band 2: 0.4dBi; Band 4: 0.5dBi; Band 5: 0.3dBi; Band 12: 0.25dBi;<br>Band 13: 0.44dBi; Band 17: 0.38dBi; Band 25: 0.62dBi;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Max. Average Power   | Band 2: 22.96dBm; Band 4: 23.07dBm; Band 5: 23.71dBm; Band 12: 23.31dBm;<br>Band 13: 23.35dBm; Band 17: 23.76dBm;Band 25: 23.25dBm;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>5 GHz WIFI</b>    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| WIFI Specification   | <input checked="" type="checkbox"/> 802.11a <input checked="" type="checkbox"/> 802.11n20 <input checked="" type="checkbox"/> 802.11n40 <input checked="" type="checkbox"/> 802.11ac20 <input checked="" type="checkbox"/> 802.11ac40<br><input checked="" type="checkbox"/> 802.11ac80                                                                                                                                                                                                                                                                                                                                                                                           |
| Operation Frequency  | U-NII-1: 5180MHz~5240MHz; U-NII-2A: 5260MHz~5320MHz;<br>U-NII-3: 5745MHz~5825MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Max. conducted Power | U-NII-1: 12.74dBm; U-NII-2A: 13.22dBm; U-NII-3: 13.68dBm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Antenna Gain         | 1.2dBi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Accessories</b>   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Battery              | Brand name: N/A<br>Model No. : GloryG1<br>Voltage and Capacitance: 3.85 V & 7000mAh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Earphone             | Brand name: N/A<br>Model No. : N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

- Note: 1. CMU200 can measure the average power and Peak power at the same time  
2. The sample used for testing is end product.  
3. The test sample has no any deviation to the test method of standard mentioned in page 1.

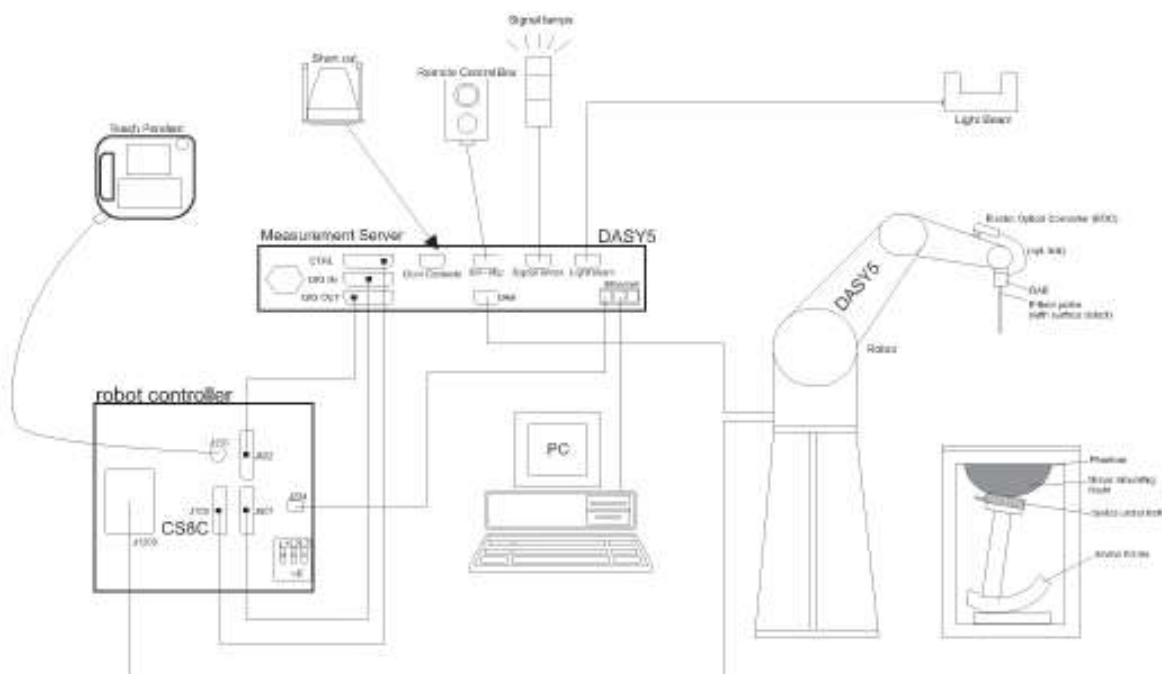
|         |                                                                                                  |
|---------|--------------------------------------------------------------------------------------------------|
| Product | Type                                                                                             |
|         | <input checked="" type="checkbox"/> Production unit <input type="checkbox"/> Identical Prototype |

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.



### 3. SAR MEASUREMENT SYSTEM

#### 3.1. The DASY5 system used for performing compliance tests consists of following items



- A standard high precision 6-axis robot with controller, teach pendant and software.
- Data acquisition electronics (DAE) which attached to the robot arm extension. The DAE 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
- A dosimetric probe equipped with an optical surface detector system.
- 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.
- A Light Beam used is for probe alignment. This improves the (absolute) accuracy of the probe positioning.
- A computer running WinXP and the DASY5 software.
- Remote control and teach pendant as well as additional circuitry for robot safety such as warning lamps, etc.
- Phantoms, device holders and other accessories according to the targeted measurement.

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



### 3.2. DASY5 E-Field Probe

The SAR measurement is conducted with the dosimetric probe manufactured by SPEAG. The probe is specially designed and calibrated for use in liquid with high permittivity. The dosimetric probe has special calibration in liquid at different frequency. SPEAG conducts the probe calibration in compliance with international and national standards (e.g. IEEE-1528 etc.) Under ISO17025. The calibration data are in Appendix D.

#### Isotropic E-Field Probe Specification

|               |                                                                                                                                                                                                            |                                                                                     |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Model         | EX3DV4-SN:3953                                                                                                                                                                                             |                                                                                     |
| Manufacture   | SPEAG                                                                                                                                                                                                      |                                                                                     |
| frequency     | 0.7GHz-6GHz<br>Linearity:±0.9%(k=2)                                                                                                                                                                        |  |
| Dynamic Range | 0.01W/kg-100W/kg<br>Linearity: ±0.9%(k=2)                                                                                                                                                                  |                                                                                     |
| Dimensions    | Overall length:337mm<br>Tip diameter:2.5mm<br>Typical distance from probe tip to dipole centers:1mm                                                                                                        |                                                                                     |
| Application   | High precision dosimetric measurements in any exposure scenario (e.g., very strong gradient fields). Only probe which enables compliance testing for frequencies up to 6 GHz with precision of better 30%. |                                                                                     |

### 3.3. Data Acquisition Electronics description

The data acquisition electronics (DAE) consist if a highly sensitive electrometer-grade preamplifier with auto-zeroing, a channel and gain-switching multiplexer, a fast 16 bit AD-converte and a command decoder with a control logic unit. Transmission to the measurement sever is accomplished through an optical downlink fir 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.

#### DAE4

|                              |                          |                                                                                      |
|------------------------------|--------------------------|--------------------------------------------------------------------------------------|
| <b>Input Impedance</b>       | 200MOhm                  |  |
| <b>The Inputs</b>            | Symmetrical and floating |                                                                                      |
| <b>Common mode rejection</b> | above 80 dB              |                                                                                      |

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



### 3.4. Robot

The DASY system uses the high precision robots (DASY5:TX60) type from Stäubli SA (France). For the 6-axis controller system, the robot controller version from is used.

The XL robot series have many features that are important for our application:

- ☐ High precision (repeatability 0.02 mm)
- ☐ High reliability (industrial design)
- ☐ Jerk-free straight movements
- ☐ Low ELF interference (the closed metallic construction shields against motor control fields)
- ☐ 6-axis controller



### 3.5. Light Beam Unit

The light beam switch allows automatic “tooling” of the probe. During the process, the actual position of the probe tip with respect to the robot arm is measured, as well as the probe length and the horizontal probe offset. The software then corrects all movements, such that the robot coordinates are valid for the probe tip.

The repeatability of this process is better than 0.1 mm. If a position has been taught with an aligned prob.1 mm, even if the other probe has different dimensions. During probe rotations, the probe tip will keep its actual position. e, the same position will be reached with another aligned probe within 0



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the “Dedicated Testing/Inspection Stamp” is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>



### 3.6. Device Holder

The DASY device holder is designed to cope with different positions given in the standard. It has two scales for the device rotation (with respect to the body axis) and the device inclination (with respect to the line between the ear reference points). The rotation center for both scales is the ear reference point (EPR).

Thus the device needs no repositioning when changing the angles.

The DASY device holder has been made out of low-loss POM material having the following dielectric parameters: relative permittivity  $\epsilon=3$  and loss tangent  $\delta = 0.02$ . The amount of dielectric material has been reduced in the closest vicinity of the device, since measurements have suggested that the influence of the clamp on the test results could thus be lowered.



### 3.7. Measurement Server

The measurement server is based on a PC/104 CPU board with CPU (DASY5: 400 MHz, Intel Celeron), chip-disk (DASY5: 128MB), RAM (DASY5: 128MB).

The necessary circuits for communication with the DAE electronic box, as well as the 16 bit AD converter system for optical detection and digital I/O interface are contained on the DAYS I/O board, which is directly connected to the PC/104 bus of the CPU board.

The measurement server performs all the real-time data evaluation for field measurements and surface detection, controls robot movements and handles safety operations.



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd

Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



### 3.8. PHANTOM SAM Twin Phantom

The SAM twin phantom is a fiberglass shell phantom with 2mm shell thickness (except the ear region where shell thickness increases to 6mm). It has three measurement areas:

- ☐ Left head
- ☐ Right head
- ☐ Flat phantom



The bottom plate contains three pair of bolts for locking the device holder. The device holder positions are adjusted to the standard measurement positions in the three sections. A white cover is provided to tap the phantom during off-periods to prevent water evaporation and changes in the liquid parameters. On the phantom top, three reference markers are provided to identify the phantom position with respect to the robot.

### ELI4 Phantom

- ☐ Flat phantom a fiberglass shell flat phantom with 2mm+/- 0.2 mm shell thickness. It has only one measurement area for Flat phantom



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



## 4. SAR MEASUREMENT PROCEDURE

### 4.1. Specific Absorption Rate (SAR)

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

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

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

SAR is expressed in units of Watts per kilogram (W/kg)

SAR can be obtained using either of the following equations:

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

$$SAR = c_h \left. \frac{dT}{dt} \right|_{t=0}$$

Where

|                |                                                                                      |
|----------------|--------------------------------------------------------------------------------------|
| SAR            | is the specific absorption rate in watts per kilogram;                               |
| E              | is the r.m.s. value of the electric field strength in the tissue in volts per meter; |
| σ              | is the conductivity of the tissue in siemens per metre;                              |
| ρ              | is the density of the tissue in kilograms per cubic metre;                           |
| c <sub>h</sub> | is the heat capacity of the tissue in joules per kilogram and Kelvin;                |

$\left. \frac{dT}{dt} \right|_{t=0}$  is the initial time derivative of temperature in the tissue in kelvins per second

## 4.2. SAR Measurement Procedure

### Step 1: Power Reference Measurement

The Power Reference Measurement and Power Drift Measurement are for monitoring the power drift of the device under test in the batch process. The minimum distance of probe sensors to surface is 2.7mm This distance cannot be smaller than the distance os sensor calibration points to probe tip as `defined in the probe properties,

### Step 2: Area Scan

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

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

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

### Step 3: Zoom Scan

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

## Zoom Scan Parameters extracted from KDB865664 d01 SAR Measurement 100MHz to 6GHz

|                                                                                                                                                                                                                                                                                                             |                                    |                                                                                      |                                                      |                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------|-------------------------------------------------------------------------------|
| Maximum zoom scan spatial resolution: $\Delta x_{Zoom}$ , $\Delta y_{Zoom}$                                                                                                                                                                                                                                 |                                    |                                                                                      | $\leq 2$ GHz: $\leq 8$ mm<br>2 – 3 GHz: $\leq 5$ mm* | 3 – 4 GHz: $\leq 5$ mm*<br>4 – 6 GHz: $\leq 4$ mm*                            |
| Maximum zoom scan spatial resolution, normal to phantom surface                                                                                                                                                                                                                                             | uniform grid: $\Delta z_{Zoom}(n)$ |                                                                                      | $\leq 5$ mm                                          | 3 – 4 GHz: $\leq 4$ mm<br>4 – 5 GHz: $\leq 3$ mm<br>5 – 6 GHz: $\leq 2$ mm    |
|                                                                                                                                                                                                                                                                                                             | graded grid                        | $\Delta z_{Zoom}(1)$ : between 1 <sup>st</sup> two points closest to phantom surface | $\leq 4$ mm                                          | 3 – 4 GHz: $\leq 3$ mm<br>4 – 5 GHz: $\leq 2.5$ mm<br>5 – 6 GHz: $\leq 2$ mm  |
|                                                                                                                                                                                                                                                                                                             |                                    | $\Delta z_{Zoom}(n>1)$ : between subsequent points                                   | $\leq 1.5 \cdot \Delta z_{Zoom}(n-1)$                |                                                                               |
| Minimum zoom scan volume                                                                                                                                                                                                                                                                                    | x, y, z                            |                                                                                      | $\geq 30$ mm                                         | 3 – 4 GHz: $\geq 28$ mm<br>4 – 5 GHz: $\geq 25$ mm<br>5 – 6 GHz: $\geq 22$ mm |
| Note: $\delta$ is the penetration depth of a plane-wave at normal incidence to the tissue medium; see draft standard IEEE P1528-2011 for details.                                                                                                                                                           |                                    |                                                                                      |                                                      |                                                                               |
| * When zoom scan is required and the <u>reported</u> SAR from the <u>area scan based 1-g SAR estimation</u> procedures of KDB 447498 is $\leq 1.4$ W/kg, $\leq 8$ mm, $\leq 7$ mm and $\leq 5$ mm zoom scan resolution may be applied, respectively, for 2 GHz to 3 GHz, 3 GHz to 4 GHz and 4 GHz to 6 GHz. |                                    |                                                                                      |                                                      |                                                                               |

## Step 4: Power Drift Measurement

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

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
 Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
 Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



### 4.3. RF Exposure Conditions

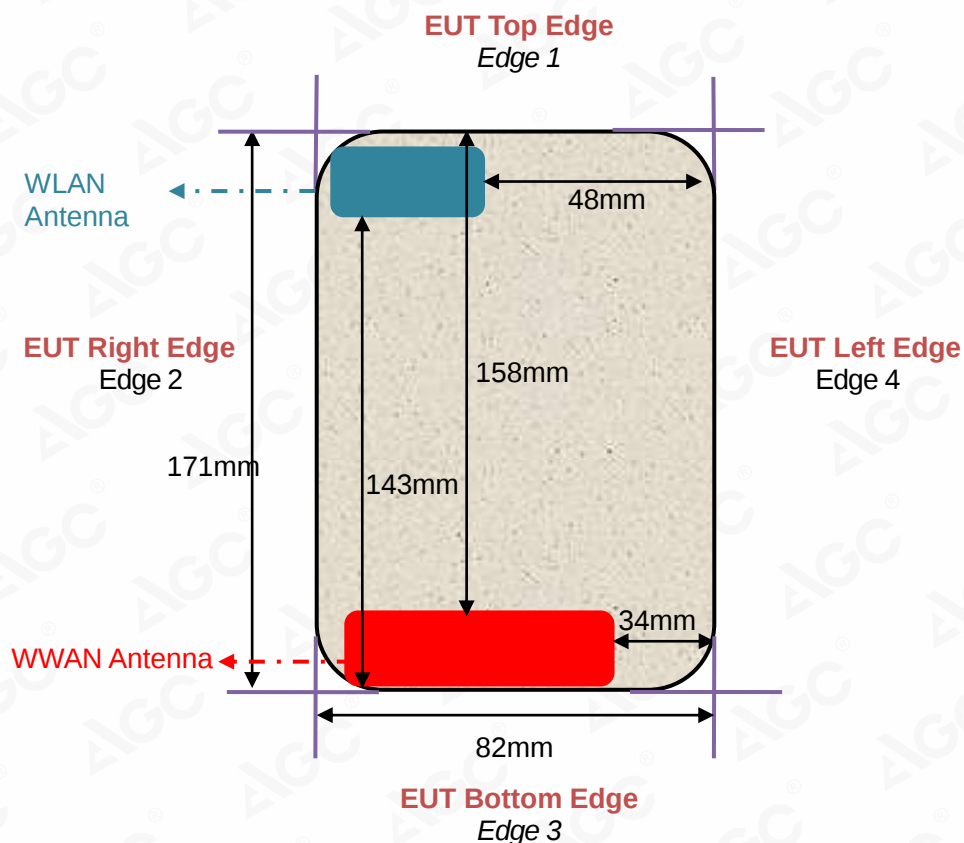
Test Configuration and setting:

The EUT is a model of GSM/WCDMA Portable Mobile Station (MS). It supports GSM/GPRS/EGPRS, WCDMA/HSPA, BT, WIFI, and support hot spot mode.

For WWAN SAR testing, the device was controlled by using a base station emulator. Communication between the device and the emulator were established by air link. The distance between the EUT and the antenna is larger than 50cm, and the output power radiated from the emulator antenna is at least 30db smaller than the output power of EUT.

For WLAN testing, the EUT is configured with the WLAN continuous TX tool through engineering command.

#### Antenna Location: (the back view)



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



For WWAN mode:

| Test Configurations | Antenna to edges/surface | SAR required | Note                                                                                                             |
|---------------------|--------------------------|--------------|------------------------------------------------------------------------------------------------------------------|
| Head                |                          |              |                                                                                                                  |
| Left Touch          |                          | Yes          | --                                                                                                               |
| Left Tilt           |                          | Yes          | --                                                                                                               |
| Right Touch         |                          | Yes          | --                                                                                                               |
| Right Tilt          |                          | Yes          | --                                                                                                               |
| Body                |                          |              |                                                                                                                  |
| Back                | <25mm                    | Yes          | --                                                                                                               |
| Front               | <25mm                    | Yes          | --                                                                                                               |
| Hotspot             |                          |              |                                                                                                                  |
| Back                | <25mm                    | Yes          | --                                                                                                               |
| Front               | <25mm                    | Yes          | --                                                                                                               |
| Edge 1 (Top)        | 158mm                    | No           | SAR is not required for the distance between the antenna and the edge is >25mm as per KDB 941225 D06 Hotspot SAR |
| Edge 2 (Right)      | 6mm                      | Yes          | --                                                                                                               |
| Edge 3 (Bottom)     | 6mm                      | Yes          | --                                                                                                               |
| Edge 4 (Left)       | 34mm                     | No           | SAR is not required for the distance between the antenna and the edge is >25mm as per KDB 941225 D06 Hotspot SAR |

For WLAN mode:

| Test Configurations | Antenna to edges/surface | SAR required | Note                                                                                                             |
|---------------------|--------------------------|--------------|------------------------------------------------------------------------------------------------------------------|
| Head                |                          |              |                                                                                                                  |
| Left Touch          |                          | Yes          | --                                                                                                               |
| Left Tilt           |                          | Yes          | --                                                                                                               |
| Right Touch         |                          | Yes          | --                                                                                                               |
| Right Tilt          |                          | Yes          | --                                                                                                               |
| Body                |                          |              |                                                                                                                  |
| Back                | <25mm                    | Yes          | --                                                                                                               |
| Front               | <25mm                    | Yes          | --                                                                                                               |
| Hotspot             |                          |              |                                                                                                                  |
| Back                | <25mm                    | Yes          | --                                                                                                               |
| Front               | <25mm                    | Yes          | --                                                                                                               |
| Edge 1 (Top)        | 6mm                      | Yes          | --                                                                                                               |
| Edge 2 (Right)      | 6mm                      | Yes          | --                                                                                                               |
| Edge 3 (Bottom)     | 143mm                    | No           | SAR is not required for the distance between the antenna and the edge is >25mm as per KDB 941225 D06 Hotspot SAR |
| Edge 4 (Left)       | 48mm                     | No           | SAR is not required for the distance between the antenna and the edge is >25mm as per KDB 941225 D06 Hotspot SAR |

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



## 5. TISSUE SIMULATING LIQUID

For SAR measurement of the field distribution inside the phantom, the phantom must be filled with homogeneous tissue simulating liquid to a depth of at least 15cm. For head SAR testing the liquid height from the ear reference point (ERP) of the phantom to the liquid top surface is larger than 15cm For body SAR testing, the liquid height from the center of the flat phantom to the liquid top surface is larger than 15cm. The nominal dielectric values of the tissue simulating liquids in the phantom and the tolerance of 10% are listed in 6.2

### 5.1. The composition of the tissue simulating liquid

| Ingredient<br>(% Weight)<br>Frequency<br>(MHz) | Water | NaCl | Polysorbate 20 | DGBE  | 1,2<br>Propanediol | Triton<br>X-100 |
|------------------------------------------------|-------|------|----------------|-------|--------------------|-----------------|
| 750 Head                                       | 35    | 2    | 0.0            | 0.0   | 63                 | 0.0             |
| 835 Head                                       | 50.36 | 1.25 | 48.39          | 0.0   | 0.0                | 0.0             |
| 1750 Head                                      | 52.64 | 0.36 | 0.0            | 47    | 0.0                | 0.0             |
| 1900 Head                                      | 54.9  | 0.18 | 0.0            | 44.92 | 0.0                | 0.0             |
| 2450 Head                                      | 71.88 | 0.16 | 0.0            | 7.99  | 0.0                | 19.97           |

| Ingredient<br>(% Weight)<br>Frequency<br>(MHz) | Water | NaCl | Polysorbate<br>20 | DGBE | 1,2-<br>Propanediol | Triton<br>X-100 | Diethylen<br>glycol<br>monohex<br>ylether |
|------------------------------------------------|-------|------|-------------------|------|---------------------|-----------------|-------------------------------------------|
| 5000 Head                                      | 65.52 | 0.0  | 0.0               | 0.0  | 0.0                 | 17.24           | 17.24                                     |

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



## 5.2. Tissue Dielectric Parameters for Head and Body Phantoms

The head tissue dielectric parameters recommended by the IEC 62209-1 have been incorporated in the following table. The body tissue dielectric parameters recommended by the IEC 62209-2 have been incorporated in the following table.

| Target Frequency<br>(MHz) | head         |                | body         |                |
|---------------------------|--------------|----------------|--------------|----------------|
|                           | $\epsilon_r$ | $\sigma$ (S/m) | $\epsilon_r$ | $\sigma$ (S/m) |
| 300                       | 45.3         | 0.87           | 45.3         | 0.87           |
| 450                       | 43.5         | 0.87           | 43.5         | 0.87           |
| <b>750</b>                | <b>41.9</b>  | <b>0.89</b>    | <b>41.9</b>  | <b>0.89</b>    |
| <b>835</b>                | <b>41.5</b>  | <b>0.90</b>    | <b>41.5</b>  | <b>0.90</b>    |
| 900                       | 41.5         | 0.97           | 41.5         | 0.97           |
| 915                       | 41.5         | 1.01           | 41.5         | 1.01           |
| 1450                      | 40.5         | 1.20           | 40.5         | 1.20           |
| 1610                      | 40.3         | 1.29           | 40.3         | 1.29           |
| <b>1750</b>               | <b>40.1</b>  | <b>1.37</b>    | <b>40.1</b>  | <b>1.37</b>    |
| <b>1800 – 2000</b>        | <b>40.0</b>  | <b>1.40</b>    | <b>40.0</b>  | <b>1.40</b>    |
| 2300                      | 39.5         | 1.67           | 39.5         | 1.67           |
| <b>2450</b>               | <b>39.2</b>  | <b>1.80</b>    | <b>39.2</b>  | <b>1.80</b>    |
| 2600                      | 39.0         | 1.96           | 39.0         | 1.96           |
| 3000                      | 38.5         | 2.40           | 38.5         | 2.40           |
| <b>5200</b>               | <b>36.0</b>  | <b>4.66</b>    | <b>36.0</b>  | <b>4.66</b>    |
| <b>5300</b>               | <b>35.9</b>  | <b>4.76</b>    | <b>35.9</b>  | <b>4.76</b>    |
| 5600                      | 35.5         | 5.07           | 35.5         | 5.07           |
| <b>5800</b>               | <b>35.3</b>  | <b>5.27</b>    | <b>35.3</b>  | <b>5.27</b>    |

( $\epsilon_r$  = relative permittivity,  $\sigma$  = conductivity and  $\rho = 1000 \text{ kg/m}^3$ )

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



### 5.3. Tissue Calibration Result

The dielectric parameters of the liquids were verified prior to the SAR evaluation using DASY 5 Dielectric Probe Kit and R&S Network Analyzer ZVL6.

| Tissue Stimulant Measurement for 750MHz |              |                                      |                                  |                        |               |
|-----------------------------------------|--------------|--------------------------------------|----------------------------------|------------------------|---------------|
|                                         | Fr.<br>(MHz) | Dielectric Parameters ( $\pm 10\%$ ) |                                  | Tissue<br>Temp<br>[°C] | Test time     |
|                                         |              | $\epsilon_r$ 41.9 (37.71-46.09)      | $\delta$ [s/m] 0.89(0.801-0.979) |                        |               |
| Head                                    | 704          | 43.85                                | 0.83                             | 20.9                   | Jan. 08, 2022 |
|                                         | 709          | 43.60                                | 0.84                             |                        |               |
|                                         | 707.5        | 43.46                                | 0.85                             |                        |               |
|                                         | 710          | 43.17                                | 0.86                             |                        |               |
|                                         | 711          | 42.98                                | 0.87                             |                        |               |
|                                         | 750          | 42.72                                | 0.88                             |                        |               |
|                                         | 782          | 42.59                                | 0.89                             |                        |               |

| Tissue Stimulant Measurement for 835MHz |              |                                      |                                |                        |               |
|-----------------------------------------|--------------|--------------------------------------|--------------------------------|------------------------|---------------|
|                                         | Fr.<br>(MHz) | Dielectric Parameters ( $\pm 10\%$ ) |                                | Tissue<br>Temp<br>[°C] | Test time     |
|                                         |              | $\epsilon_r$ 41.5 (37.35-45.65)      | $\delta$ [s/m] 0.90(0.81-0.99) |                        |               |
| Head                                    | 824.2        | 41.54                                | 0.90                           | 20.4                   | Jan. 06, 2022 |
|                                         | 826.4        | 41.54                                | 0.90                           |                        |               |
|                                         | 835          | 41.26                                | 0.91                           |                        |               |
|                                         | 836.4        | 41.08                                | 0.92                           |                        |               |
|                                         | 836.6        | 41.08                                | 0.92                           |                        |               |
|                                         | 846.6        | 39.86                                | 0.93                           |                        |               |
|                                         | 848.8        | 39.86                                | 0.93                           |                        |               |

| Tissue Stimulant Measurement for 835MHz |              |                                      |                                |                        |               |
|-----------------------------------------|--------------|--------------------------------------|--------------------------------|------------------------|---------------|
|                                         | Fr.<br>(MHz) | Dielectric Parameters ( $\pm 10\%$ ) |                                | Tissue<br>Temp<br>[°C] | Test time     |
|                                         |              | $\epsilon_r$ 41.5 (37.35-45.65)      | $\delta$ [s/m] 0.90(0.81-0.99) |                        |               |
| Head                                    | 829          | 41.78                                | 0.87                           | 21.0                   | Jan. 14, 2022 |
|                                         | 835          | 41.59                                | 0.88                           |                        |               |
|                                         | 836.5        | 41.32                                | 0.89                           |                        |               |
|                                         | 844          | 41.09                                | 0.90                           |                        |               |

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



| Tissue Stimulant Measurement for 1750MHz |              |                                      |                                  |                        |               |
|------------------------------------------|--------------|--------------------------------------|----------------------------------|------------------------|---------------|
|                                          | Fr.<br>(MHz) | Dielectric Parameters ( $\pm 10\%$ ) |                                  | Tissue<br>Temp<br>[°C] | Test time     |
|                                          |              | $\epsilon_r$ 40.1 (36.09-44.11)      | $\delta$ [s/m] 1.37(1.233-1.507) |                        |               |
| Head                                     | 1712.4       | 40.43                                | 1.36                             | 20.1                   | Jan. 05, 2022 |
|                                          | 1720         | 40.43                                | 1.36                             |                        |               |
|                                          | 1732.4       | 40.12                                | 1.37                             |                        |               |
|                                          | 1732.5       | 40.12                                | 1.37                             |                        |               |
|                                          | 1745         | 39.87                                | 1.38                             |                        |               |
|                                          | 1750         | 39.64                                | 1.39                             |                        |               |
|                                          | 1752.6       | 39.48                                | 1.40                             |                        |               |

| Tissue Stimulant Measurement for 1900MHz |              |                                      |                                |                        |               |
|------------------------------------------|--------------|--------------------------------------|--------------------------------|------------------------|---------------|
|                                          | Fr.<br>(MHz) | Dielectric Parameters ( $\pm 10\%$ ) |                                | Tissue<br>Temp<br>[°C] | Test time     |
|                                          |              | $\epsilon_r$ 40.00(36.00-44.00)      | $\delta$ [s/m] 1.40(1.26-1.54) |                        |               |
| Head                                     | 1850.2       | 40.24                                | 1.35                           | 20.5                   | Jan. 04, 2022 |
|                                          | 1852.4       | 40.24                                | 1.35                           |                        |               |
|                                          | 1880         | 39.98                                | 1.36                           |                        |               |
|                                          | 1900         | 39.74                                | 1.37                           |                        |               |
|                                          | 1907.6       | 39.52                                | 1.38                           |                        |               |
|                                          | 1909.8       | 39.52                                | 1.38                           |                        |               |

| Tissue Stimulant Measurement for 1900MHz |              |                                      |                                |                        |               |
|------------------------------------------|--------------|--------------------------------------|--------------------------------|------------------------|---------------|
|                                          | Fr.<br>(MHz) | Dielectric Parameters ( $\pm 10\%$ ) |                                | Tissue<br>Temp<br>[°C] | Test time     |
|                                          |              | $\epsilon_r$ 40.00(36.00-44.00)      | $\delta$ [s/m] 1.40(1.26-1.54) |                        |               |
| Head                                     | 1860         | 40.64                                | 1.38                           | 20.3                   | Dec. 29, 2021 |
|                                          | 1880         | 40.35                                | 1.39                           |                        |               |
|                                          | 1882.5       | 40.13                                | 1.40                           |                        |               |
|                                          | 1900         | 39.72                                | 1.41                           |                        |               |
|                                          | 1905         | 39.67                                | 1.42                           |                        |               |

| Tissue Stimulant Measurement for 2450MHz |              |                                      |                                |                        |               |
|------------------------------------------|--------------|--------------------------------------|--------------------------------|------------------------|---------------|
|                                          | Fr.<br>(MHz) | Dielectric Parameters ( $\pm 10\%$ ) |                                | Tissue<br>Temp<br>[°C] | Test time     |
|                                          |              | $\epsilon_r$ 39.2(35.28-43.12)       | $\delta$ [s/m] 1.80(1.62-1.98) |                        |               |
| Head                                     | 2412         | 39.42                                | 1.80                           | 20.3                   | Jan. 07, 2022 |
|                                          | 2437         | 39.13                                | 1.81                           |                        |               |
|                                          | 2450         | 38.94                                | 1.82                           |                        |               |
|                                          | 2462         | 38.76                                | 1.83                           |                        |               |

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



| Tissue Stimulant Measurement for 5200MHz |              |                                      |                                      |                        |               |
|------------------------------------------|--------------|--------------------------------------|--------------------------------------|------------------------|---------------|
| Head                                     | Fr.<br>(MHz) | Dielectric Parameters ( $\pm 10\%$ ) |                                      | Tissue<br>Temp<br>[°C] | Test time     |
|                                          |              | $\epsilon_r$<br>36.0(32.4-39.6)      | $\delta$ [s/m]<br>4.66(4.194 -5.126) |                        |               |
|                                          | 5180         | 36.07                                | 4.61                                 | 20.1                   | Jan. 05, 2022 |
|                                          | 5200         | 35.90                                | 4.62                                 |                        |               |
|                                          | 5220         | 35.64                                | 4.63                                 |                        |               |
|                                          | 5240         | 35.48                                | 4.64                                 |                        |               |

| Tissue Stimulant Measurement for 5300MHz |              |                                      |                                     |                        |               |
|------------------------------------------|--------------|--------------------------------------|-------------------------------------|------------------------|---------------|
| Head                                     | Fr.<br>(MHz) | Dielectric Parameters ( $\pm 10\%$ ) |                                     | Tissue<br>Temp<br>[°C] | Test time     |
|                                          |              | $\epsilon_r$<br>35.9(32.31-39.49)    | $\delta$ [s/m]<br>4.76(4.284-5.236) |                        |               |
|                                          | 5270         | 36.45                                | 4.79                                | 20.4                   | Jan. 06, 2022 |
|                                          | 5300         | 36.12                                | 4.80                                |                        |               |
|                                          | 5310         | 36.07                                | 4.81                                |                        |               |

| Tissue Stimulant Measurement for 5800MHz |              |                                      |                                      |                        |               |
|------------------------------------------|--------------|--------------------------------------|--------------------------------------|------------------------|---------------|
| Head                                     | Fr.<br>(MHz) | Dielectric Parameters ( $\pm 10\%$ ) |                                      | Tissue<br>Temp<br>[°C] | Test time     |
|                                          |              | $\epsilon_r$<br>35.3 (31.77-38.83)   | $\delta$ [s/m]<br>5.27 (4.743-5.797) |                        |               |
|                                          | 5745         | 35.84                                | 5.18                                 | 20.3                   | Jan. 07, 2022 |
|                                          | 5785         | 35.67                                | 5.19                                 |                        |               |
|                                          | 5800         | 35.33                                | 5.20                                 |                        |               |
|                                          | 5825         | 35.16                                | 5.21                                 |                        |               |

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



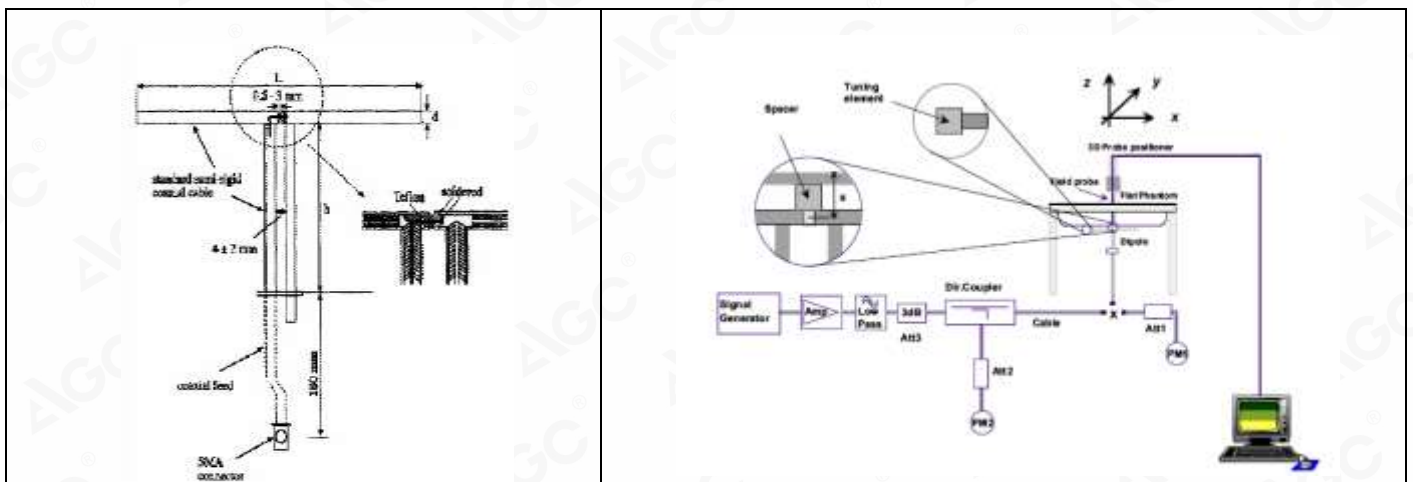
## 6. SAR SYSTEM CHECK PROCEDURE

### 6.1. SAR System Check Procedures

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

Each DASY system is equipped with one or more system check kits. These units, together with the predefined measurement procedures within the DASY software, enable the user to conduct the system check and system validation. System kit includes a dipole, and dipole device holder.

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



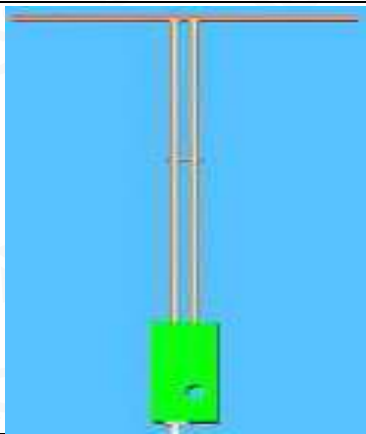
Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



## 6.2. SAR System Check

### 6.2.1. Dipoles

|                                                                                    |                                                                                                                                                                                                                                                                      |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   | <p>The dipoles used are based on the IEEE-1528 standard, and is complied with mechanical and electrical specifications in line with the requirements of IEEE. the table below provides details for the mechanical and electrical specifications for the dipoles.</p> |
|  | <p>The wave guide is based on the IEEE-1528 standard, and is complied with mechanical and electrical specifications in line with the requirements of IEEE. The table below provides details for the mechanical and electrical specifications for the wave guide.</p> |

| Frequency | L (mm) | h (mm) | d (mm) |
|-----------|--------|--------|--------|
| 750MHz    | 176    | 100    | 6.35   |
| 835MHz    | 161.0  | 89.8   | 3.6    |
| 1800MHz   | 71.6   | 41.7   | 3.6    |
| 1900MHz   | 68     | 39.5   | 3.6    |
| 2450MHz   | 51.5   | 30.4   | 3.6    |

| Frequency | L (mm) | W (mm) | L <sub>f</sub> (mm) | W <sub>f</sub> (mm) |
|-----------|--------|--------|---------------------|---------------------|
| 5000MHz   | 40.39  | 20.19  | 81.03               | 61.98               |

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd

Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



## 6.2.2. System Check Result

| System Performance Check at 750MHz&835MHz &1800MHz &1900MHz&2450MHz&5000-6000MHz                                                                     |                    |       |                                 |               |                    |       |                   |               |
|------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-------|---------------------------------|---------------|--------------------|-------|-------------------|---------------|
| Validation Kit: SN47/14 DIP 0G750-340& SN29/15 DIP 0G835-383& SN46/11 DIP 1G800-186& SN 46/11 DIP 1G900-187& SN46/11 DIP 2G450-189&& SN 15/15 WGA 36 |                    |       |                                 |               |                    |       |                   |               |
| Frequency [MHz]                                                                                                                                      | Target Value(W/kg) |       | Reference Result ( $\pm 10\%$ ) |               | Tested Value(W/kg) |       | Tissue Temp. [°C] | Test time     |
|                                                                                                                                                      | 1g                 | 10g   | 1g                              | 10g           | 1g                 | 10g   |                   |               |
| 750                                                                                                                                                  | 8.31               | 5.45  | 7.479-9.141                     | 4.905-5.995   | 8.59               | 5.40  | 20.9              | Jan. 08, 2022 |
| 835                                                                                                                                                  | 9.85               | 6.27  | 8.865-10.835                    | 5.643 -6.897  | 9.65               | 6.12  | 20.4              | Jan. 06, 2022 |
| 835                                                                                                                                                  | 9.85               | 6.27  | 8.865-10.835                    | 5.643-6.897   | 9.75               | 6.34  | 21.0              | Jan. 14, 2022 |
| 1800                                                                                                                                                 | 39.07              | 20.29 | 35.163-42.977                   | 18.261-22.319 | 37.88              | 19.02 | 20.1              | Jan. 05, 2022 |
| 1900                                                                                                                                                 | 40.25              | 20.50 | 36.225-44.275                   | 18.45-22.55   | 37.40              | 19.81 | 20.5              | Jan. 04, 2022 |
| 1900                                                                                                                                                 | 40.25              | 20.50 | 36.225-44.275                   | 18.45-22.55   | 37.72              | 19.49 | 20.3              | Dec. 29, 2021 |
| 2450                                                                                                                                                 | 53.97              | 24.01 | 48.573-59.367                   | 21.609-26.411 | 55.79              | 24.72 | 20.3              | Jan. 07, 2022 |
| 5200                                                                                                                                                 | 161.18             | 55.04 | 145.062-177.298                 | 49.536-60.544 | 155.00             | 54.30 | 20.1              | Jan. 05, 2022 |
| 5200                                                                                                                                                 | 161.18             | 55.04 | 145.062-177.298                 | 49.536-60.544 | 159.00             | 54.20 | 20.4              | Jan. 06, 2022 |
| 5800                                                                                                                                                 | 181.69             | 60.11 | 163.521-199.859                 | 54.099-66.121 | 187.00             | 61.70 | 20.3              | Jan. 07, 2022 |

Note:

(1) We use a CW signal of 10dBm&18dBm for system check, and then all SAR values are normalized to 1W forward power. The result must be within  $\pm 10\%$  of target value.

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/

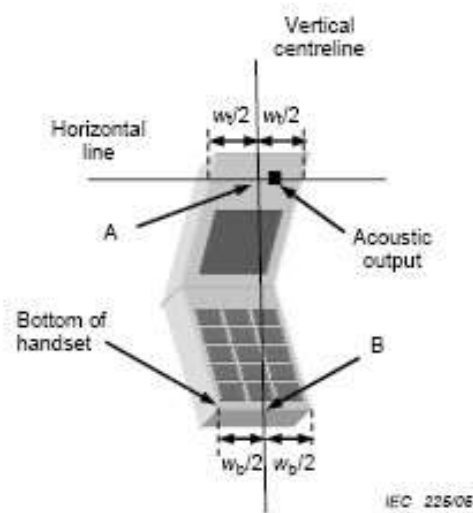
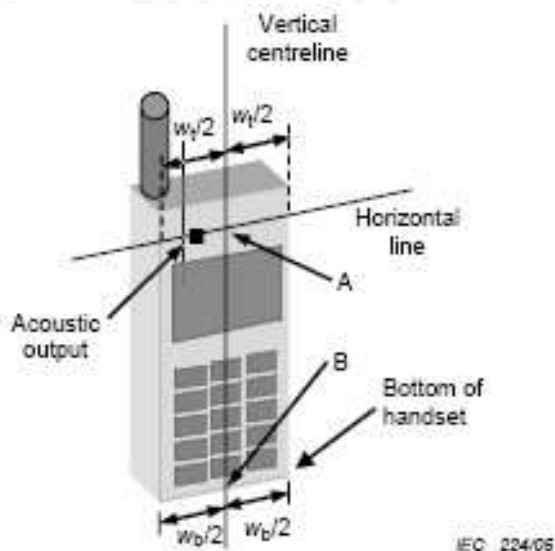


## 7. EUT TEST POSITION

This EUT was tested in **Right Cheek, Right Tilted, Left Cheek, Left Tilted, Body back, Body front, Edge1, Edge2 and Edge3.**

### 7.1. Define Two Imaginary Lines on the Handset

- (1) The vertical centerline passes through two points on the front side of the handset the midpoint of the width  $w_t$  of the handset at the level of the acoustic output, and the midpoint of the width  $w_b$  of the handset.
- (2) The horizontal line is perpendicular to the vertical centerline and passes through the center of the acoustic output. The horizontal line is also tangential to the face of the handset at point A.
- (3) The two lines intersect at point A. Note that for many handsets, point A coincides with the center of the acoustic output; however, the acoustic output may be located elsewhere on the horizontal line. Also note that the vertical centerline is not necessarily to the front face of the handset, especially for clamshell handsets, handsets with flip covers, and other irregularly shaped handsets.



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



## 7.2. Cheek Position

- (1) To position the device with the vertical center line of the body of the device and the horizontal line crossing the center piece in a plane parallel to the sagittal plane of the phantom. While maintaining the device in this plane, align the vertical center line with the reference plane containing the ear and mouth reference point (M: Mouth, RE: Right Ear, and LE: Left Ear) and align the center of the ear piece with the line RE-LE.
- (2) To move the device towards the phantom with the ear piece aligned with the the line LE-RE until the phone touched the ear. While maintaining the device in the reference plane and maintaining the phone contact with ear, move the bottom of the phone until any point on the front side is in contact with the cheek of the phantom or until contact with the ear is lost



## 7.3. Tilt Position

- (1) To position the device in the “cheek” position described above.
- (2) While maintaining the device in the reference plane described above and pivoting against the ear, moves it outward away from the mouth by an angle of 15 degrees or until with the ear is lost.



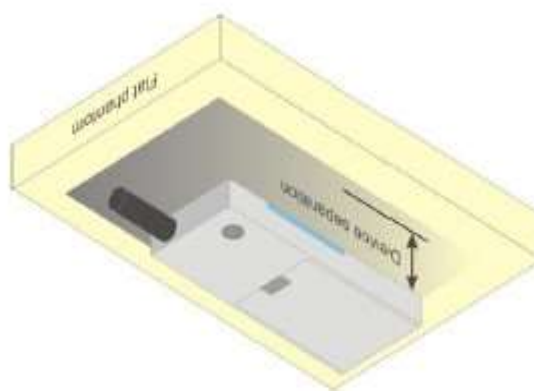
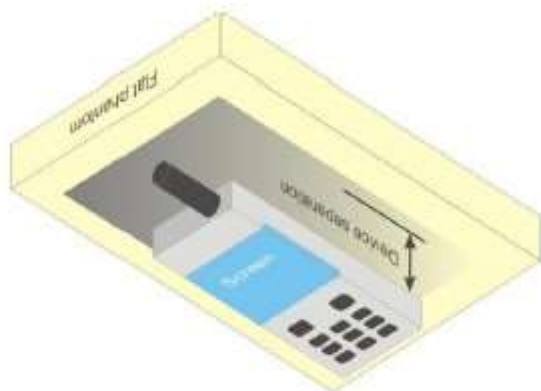
Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the “Dedicated Testing/Inspection Stamp” is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>



#### 7.4. Body Worn Position

- (1) To position the EUT parallel to the phantom surface.
- (2) To adjust the EUT parallel to the flat phantom.
- (3) To adjust the distance between the EUT surface and the flat phantom to **10mm**.



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>



## 8. SAR EXPOSURE LIMITS

### Limits for General Population/Uncontrolled Exposure (W/kg)

| Type Exposure                                       | Uncontrolled Environment Limit (W/kg) |
|-----------------------------------------------------|---------------------------------------|
| Spatial Peak SAR (1g cube tissue for brain or body) | 1.60                                  |
| Spatial Average SAR (Whole body)                    | 0.08                                  |
| Spatial Peak SAR (Limbs)                            | 4.0                                   |

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>



## 9. TEST FACILITY

|                                          |                                                                                                                                          |
|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Test Site</b>                         | Attestation of Global Compliance (Shenzhen) Co., Ltd                                                                                     |
| <b>Location</b>                          | 1-2/F, Building 19, Junfeng Industrial Park, Chongqing Road, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China |
| <b>Designation Number</b>                | CN1259                                                                                                                                   |
| <b>FCC Test Firm Registration Number</b> | 975832                                                                                                                                   |
| <b>A2LA Cert. No.</b>                    | 5054.02                                                                                                                                  |
| <b>Description</b>                       | Attestation of Global Compliance(Shenzhen) Co., Ltd is accredited by A2LA                                                                |

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>



## 10. TEST EQUIPMENT LIST

| Equipment description                             | Manufacturer/ Model     | Identification No.     | Software version | Current calibration date | Next calibration date |
|---------------------------------------------------|-------------------------|------------------------|------------------|--------------------------|-----------------------|
| Stäubli Robot                                     | Stäubli-TX60            | F13/5Q2UD1/A/01        | N/A              | N/A                      | N/A                   |
| Robot Controller                                  | Stäubli-CS8             | 139522                 | N/A              | N/A                      | N/A                   |
| E-Field Probe                                     | Speag- EX3DV4           | SN:3953                | N/A              | Aug. 27,2021             | Aug. 26,2022          |
| SAM Twin Phantom                                  | Speag-SAM               | 1790                   | N/A              | N/A                      | N/A                   |
| Device Holder                                     | Speag-SD 000 H01 KA     | SD 000 H01 KA          | N/A              | N/A                      | N/A                   |
| DAE4                                              | Speag-SD 000 D04 BM     | 1398                   | N/A              | May 17,2021              | May 16,2022           |
| SAR Software                                      | Speag-DASY5             | N/A                    | 5.3da53          | N/A                      | N/A                   |
| Liquid                                            | SATIMO                  | N/A                    | N/A              | N/A                      | N/A                   |
| Radio Communication Tester                        | R&S-CMU200              | 115532                 | V5.2.1           | Apr. 14,2021             | Apr. 13,2022          |
| Dipole                                            | SATIMO SID750           | SN47/14 DIP 0G750-340  | N/A              | Apr. 26,2019             | Apr. 25,2022          |
| Dipole                                            | SATIMO SID835           | SN 29/15 DIP 0G850-383 | N/A              | Apr. 26,2019             | Apr. 25,2022          |
| Dipole                                            | SATIMO SID1800          | SN46/11 DIP 1G800-186  | N/A              | Apr. 26,2019             | Apr. 25,2022          |
| Dipole                                            | SATIMO SID1900          | SN 46/11 DIP 1G900-187 | N/A              | Apr. 26,2019             | Apr. 25,2022          |
| Dipole                                            | SATIMO SID2450          | SN 46/11 DIP 2G450-189 | N/A              | Apr. 26,2019             | Apr. 25,2022          |
| Wave guide                                        | SWG5500                 | SN 15/15 WGA 36        | N/A              | Apr. 26,2019             | Apr. 25,2022          |
| Signal Generator                                  | Agilent-E4438C          | US41461365             | V5.03            | Aug. 18,2021             | Aug. 17,2022          |
| Vector Analyzer                                   | Agilent / E4440A        | MY44303916             | N/A              | Mar. 21,2021             | Mar. 20,2022          |
| Network Analyzer                                  | Rhode & Schwarz ZVL6    | SN101443               | 3.2              | Oct. 28,2021             | Oct. 27,2022          |
| Attenuator                                        | Warison /WATT-6SR1211   | S/N:WRJ34AYM2F1        | N/A              | June 09,2021             | June 08,2022          |
| Attenuator                                        | Mini-circuits / VAT-10+ | 31405                  | N/A              | June 09,2021             | June 08,2022          |
| Amplifier                                         | AS0104-55_55            | 1004793                | N/A              | June 10,2021             | June 09,2022          |
| Directional Couple                                | Werlatone/ C5571-10     | SN99463                | N/A              | May 15,2020              | May 14,2022           |
| Directional Couple                                | Werlatone/ C6026-10     | SN99482                | N/A              | May 15,2020              | May 14,2022           |
| Power Sensor                                      | NRP-Z21                 | 1137.6000.02           | N/A              | Sep. 07,2021             | Sep. 06,2022          |
| Power Sensor                                      | NRP-Z23                 | 100323                 | N/A              | Feb. 17,2021             | Feb. 16,2022          |
| Power Viewer                                      | R&S                     | V2.3.1.0               | N/A              | N/A                      | N/A                   |
| Calibration standard parts for network sub - port | R&S/ ZV-Z132            | N/A                    | V2.3.1.0         | Dec. 07, 2021            | Dec. 06, 2022         |

Note: Per KDB 865664 Dipole SAR Validation, AGC Lab has adopted 3 years calibration intervals. On annual basis, every measurement dipole has been evaluated and is in compliance with the following criteria:

1. There is no physical damage on the dipole;
2. System validation with specific dipole is within 10% of calibrated value;
3. Return-loss is within 20% of calibrated measurement;
4. Impedance is within 5Ω of calibrated measurement.

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



## 11. MEASUREMENT UNCERTAINTY

| DASY Uncertainty- EX3DV4<br>Measurement uncertainty for Dipole averaged over 1 gram / 10 gram. |       |              |                |             |              |              |               |                |    |
|------------------------------------------------------------------------------------------------|-------|--------------|----------------|-------------|--------------|--------------|---------------|----------------|----|
| a                                                                                              | b     | c            | d              | e<br>f(d,k) | f            | g            | h<br>cxf/e    | i<br>cxg/e     | k  |
| Uncertainty Component                                                                          | Sec.  | Tol<br>(± %) | Prob.<br>Dist. | Div.        | Ci (1g)      | Ci (10g)     | 1g Ui<br>(±%) | 10g Ui<br>(±%) | vi |
| <b>Measurement System</b>                                                                      |       |              |                |             |              |              |               |                |    |
| Probe calibration                                                                              | E.2.1 | 6.65         | N              | 1           | 1            | 1            | 6.65          | 6.65           | ∞  |
| Axial Isotropy                                                                                 | E.2.2 | 0.6          | R              | $\sqrt{3}$  | $\sqrt{0.5}$ | $\sqrt{0.5}$ | 0.24          | 0.24           | ∞  |
| Hemispherical Isotropy                                                                         | E.2.2 | 1.6          | R              | $\sqrt{3}$  | $\sqrt{0.5}$ | $\sqrt{0.5}$ | 0.65          | 0.65           | ∞  |
| Boundary effect                                                                                | E.2.3 | 1            | R              | $\sqrt{3}$  | 1            | 1            | 0.58          | 0.58           | ∞  |
| Linearity                                                                                      | E.2.4 | 0.45         | R              | $\sqrt{3}$  | 1            | 1            | 0.26          | 0.26           | ∞  |
| System detection limits                                                                        | E.2.4 | 1            | R              | $\sqrt{3}$  | 1            | 1            | 0.58          | 0.58           | ∞  |
| Modulation response                                                                            | E.2.5 | 3.3          | R              | $\sqrt{3}$  | 1            | 1            | 1.91          | 1.91           | ∞  |
| Readout Electronics                                                                            | E.2.6 | 0.15         | N              | 1           | 1            | 1            | 0.15          | 0.15           | ∞  |
| Response Time                                                                                  | E.2.7 | 0            | R              | $\sqrt{3}$  | 1            | 1            | 0.00          | 0.00           | ∞  |
| Integration Time                                                                               | E.2.8 | 1.7          | R              | $\sqrt{3}$  | 1            | 1            | 0.98          | 0.98           | ∞  |
| RF ambient conditions-Noise                                                                    | E.6.1 | 3            | R              | $\sqrt{3}$  | 1            | 1            | 1.73          | 1.73           | ∞  |
| RF ambient conditions-reflections                                                              | E.6.1 | 3            | R              | $\sqrt{3}$  | 1            | 1            | 1.73          | 1.73           | ∞  |
| Probe positioner mechanical tolerance                                                          | E.6.2 | 0.4          | R              | $\sqrt{3}$  | 1            | 1            | 0.23          | 0.23           | ∞  |
| Probe positioning with respect to phantom shell                                                | E.6.3 | 6.7          | R              | $\sqrt{3}$  | 1            | 1            | 3.87          | 3.87           | ∞  |
| Extrapolation, interpolation, and integrations algorithms for max. SAR evaluation              | E.5   | 4            | R              | $\sqrt{3}$  | 1            | 1            | 2.31          | 2.31           | ∞  |
| <b>Test sample Related</b>                                                                     |       |              |                |             |              |              |               |                |    |
| Test sample positioning                                                                        | E.4.2 | 2.9          | N              | 1           | 1            | 1            | 2.90          | 2.90           | ∞  |
| Device holder uncertainty                                                                      | E.4.1 | 3.6          | N              | 1           | 1            | 1            | 3.60          | 3.60           | ∞  |
| Output power variation—SAR drift measurement                                                   | E.2.9 | 5            | R              | $\sqrt{3}$  | 1            | 1            | 2.89          | 2.89           | ∞  |
| SAR scaling                                                                                    | E.6.5 | 5            | R              | $\sqrt{3}$  | 1            | 1            | 2.89          | 2.89           | ∞  |
| <b>Phantom and tissue parameters</b>                                                           |       |              |                |             |              |              |               |                |    |
| Phantom shell uncertainty—shape, thickness, and permittivity                                   | E.3.1 | 6.6          | R              | $\sqrt{3}$  | 1            | 1            | 3.81          | 3.81           | ∞  |
| Uncertainty in SAR correction for deviations in permittivity and conductivity                  | E.3.2 | 1.9          | N              | 1           | 1            | 0.84         | 1.90          | 1.60           | ∞  |
| Liquid conductivity measurement                                                                | E.3.3 | 4            | N              | 1           | 0.78         | 0.71         | 3.12          | 2.84           | M  |
| Liquid permittivity measurement                                                                | E.3.3 | 5            | N              | 1           | 0.23         | 0.26         | 1.15          | 1.30           | M  |
| Liquid conductivity—temperature uncertainty                                                    | E.3.4 | 2.5          | R              | $\sqrt{3}$  | 0.78         | 0.71         | 1.13          | 1.02           | ∞  |
| Liquid permittivity—temperature uncertainty                                                    | E.3.4 | 2.5          | R              | $\sqrt{3}$  | 0.23         | 0.26         | 0.33          | 0.38           | ∞  |
| Combined Standard Uncertainty                                                                  |       |              | RSS            |             |              |              | 11.79         | 11.63          |    |
| Expanded Uncertainty (95% Confidence interval)                                                 |       |              | K=2            |             |              |              | 23.59         | 23.26          |    |

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.



| DASY Uncertainty- EX3DV4                                                          |         |              |                |             |         |          |               |                |    |
|-----------------------------------------------------------------------------------|---------|--------------|----------------|-------------|---------|----------|---------------|----------------|----|
| System Check uncertainty for Dipole averaged over 1 gram / 10 gram.               |         |              |                |             |         |          |               |                |    |
| a                                                                                 | b       | c            | d              | e<br>f(d,k) | f       | g        | h<br>cxf/e    | i<br>cxg/e     | k  |
| Uncertainty Component                                                             | Sec.    | Tol<br>(± %) | Prob.<br>Dist. | Div.        | Ci (1g) | Ci (10g) | 1g Ui<br>(±%) | 10g Ui<br>(±%) | vi |
| <b>Measurement System</b>                                                         |         |              |                |             |         |          |               |                |    |
| Probe calibration drift                                                           | E.2.1   | 0.5          | N              | 1           | 1       | 1        | 0.5           | 0.5            | ∞  |
| Axial Isotropy                                                                    | E.2.2   | 0.6          | R              | $\sqrt{3}$  | 0       | 0        | 0.00          | 0.00           | ∞  |
| Hemispherical Isotropy                                                            | E.2.2   | 1.6          | R              | $\sqrt{3}$  | 0       | 0        | 0.00          | 0.00           | ∞  |
| Boundary effect                                                                   | E.2.3   | 1            | R              | $\sqrt{3}$  | 0       | 0        | 0.00          | 0.00           | ∞  |
| Linearity                                                                         | E.2.4   | 0.45         | R              | $\sqrt{3}$  | 0       | 0        | 0.00          | 0.00           | ∞  |
| System detection limits                                                           | E.2.4   | 1            | R              | $\sqrt{3}$  | 0       | 0        | 0.00          | 0.00           | ∞  |
| Modulation response                                                               | E.2.5   | 3.3          | R              | $\sqrt{3}$  | 0       | 0        | 0.00          | 0.00           | ∞  |
| Readout Electronics                                                               | E.2.6   | 0.15         | N              | 1           | 0       | 0        | 0.00          | 0.00           | ∞  |
| Response Time                                                                     | E.2.7   | 0            | R              | $\sqrt{3}$  | 0       | 0        | 0.00          | 0.00           | ∞  |
| Integration Time                                                                  | E.2.8   | 1.7          | R              | $\sqrt{3}$  | 0       | 0        | 0.00          | 0.00           | ∞  |
| RF ambient conditions-Noise                                                       | E.6.1   | 3            | R              | $\sqrt{3}$  | 0       | 0        | 0.00          | 0.00           | ∞  |
| RF ambient conditions-reflections                                                 | E.6.1   | 3            | R              | $\sqrt{3}$  | 0       | 0        | 0.00          | 0.00           | ∞  |
| Probe positioner mechanical tolerance                                             | E.6.2   | 0.4          | R              | $\sqrt{3}$  | 1       | 1        | 0.37          | 0.37           | ∞  |
| Probe positioning with respect to phantom shell                                   | E.6.3   | 6.7          | R              | $\sqrt{3}$  | 1       | 1        | 3.87          | 3.87           | ∞  |
| Extrapolation, interpolation, and integrations algorithms for max. SAR evaluation | E.5     | 4            | R              | $\sqrt{3}$  | 0       | 0        | 0.00          | 0.00           | ∞  |
| <b>System check source (dipole)</b>                                               |         |              |                |             |         |          |               |                |    |
| Deviation of experimental dipoles                                                 | E.6.4   | 2.0          | N              | 1           | 1       | 1        | 2.00          | 2.00           | ∞  |
| Input power and SAR drift measurement                                             | 8,6.6.4 | 5.0          | R              | $\sqrt{3}$  | 1       | 1        | 2.89          | 2.89           | ∞  |
| Dipole axis to liquid distance                                                    | 8,E.6.6 | 2.0          | R              | $\sqrt{3}$  | 1       | 1        | 1.15          | 1.15           | ∞  |
| <b>Phantom and tissue parameters</b>                                              |         |              |                |             |         |          |               |                |    |
| Phantom shell uncertainty—shape, thickness, and permittivity                      | E.3.1   | 6.6          | R              | $\sqrt{3}$  | 1       | 1        | 3.81          | 3.81           | ∞  |
| Uncertainty in SAR correction for deviations in permittivity and conductivity     | E.3.2   | 1.9          | N              | 1           | 1       | 0.84     | 1.90          | 1.60           | ∞  |
| Liquid conductivity measurement                                                   | E.3.3   | 4            | N              | 1           | 0.78    | 0.71     | 3.12          | 2.84           | M  |
| Liquid permittivity measurement                                                   | E.3.3   | 5            | N              | 1           | 0.23    | 0.26     | 1.15          | 1.30           | M  |
| Liquid conductivity—temperature uncertainty                                       | E.3.4   | 2.5          | R              | $\sqrt{3}$  | 0.78    | 0.71     | 1.13          | 1.02           | ∞  |
| Liquid permittivity—temperature uncertainty                                       | E.3.4   | 2.5          | R              | $\sqrt{3}$  | 0.23    | 0.26     | 0.33          | 0.38           | ∞  |
| Combined Standard Uncertainty                                                     |         |              | RSS            |             |         |          | 7.34          | 7.07           |    |
| Expanded Uncertainty (95% Confidence interval)                                    |         |              | K=2            |             |         |          | 14.67         | 14.14          |    |

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.



| DASY Uncertainty- EX3DV4                                                          |         |             |                |             |         |          |               |                |    |
|-----------------------------------------------------------------------------------|---------|-------------|----------------|-------------|---------|----------|---------------|----------------|----|
| System Validation uncertainty for Dipole averaged over 1 gram / 10 gram.          |         |             |                |             |         |          |               |                |    |
| a                                                                                 | b       | c           | d              | e<br>f(d,k) | f       | g        | h<br>cxf/e    | i<br>cxg/e     | k  |
| Uncertainty Component                                                             | Sec.    | Tol<br>(±%) | Prob.<br>Dist. | Div.        | Ci (1g) | Ci (10g) | 1g Ui<br>(±%) | 10g Ui<br>(±%) | vi |
| <b>Measurement System</b>                                                         |         |             |                |             |         |          |               |                |    |
| Probe calibration                                                                 | E.2.1   | 6.65        | N              | 1           | 1       | 1        | 6.65          | 6.65           | ∞  |
| Axial Isotropy                                                                    | E.2.2   | 0.6         | R              | $\sqrt{3}$  | 1       | 1        | 0.35          | 0.35           | ∞  |
| Hemispherical Isotropy                                                            | E.2.2   | 1.6         | R              | $\sqrt{3}$  | 0       | 0        | 0.00          | 0.00           | ∞  |
| Boundary effect                                                                   | E.2.3   | 1           | R              | $\sqrt{3}$  | 1       | 1        | 0.58          | 0.58           | ∞  |
| Linearity                                                                         | E.2.4   | 0.45        | R              | $\sqrt{3}$  | 1       | 1        | 0.26          | 0.26           | ∞  |
| System detection limits                                                           | E.2.4   | 1           | R              | $\sqrt{3}$  | 1       | 1        | 0.58          | 0.58           | ∞  |
| Modulation response                                                               | E.2.5   | 3.3         | R              | $\sqrt{3}$  | 0       | 0        | 0.00          | 0.00           | ∞  |
| Readout Electronics                                                               | E.2.6   | 0.15        | N              | 1           | 1       | 1        | 0.15          | 0.15           | ∞  |
| Response Time                                                                     | E.2.7   | 0           | R              | $\sqrt{3}$  | 0       | 0        | 0.00          | 0.00           | ∞  |
| Integration Time                                                                  | E.2.8   | 1.7         | R              | $\sqrt{3}$  | 0       | 0        | 0.00          | 0.00           | ∞  |
| RF ambient conditions-Noise                                                       | E.6.1   | 3           | R              | $\sqrt{3}$  | 1       | 1        | 1.73          | 1.73           | ∞  |
| RF ambient conditions-reflections                                                 | E.6.1   | 3           | R              | $\sqrt{3}$  | 1       | 1        | 1.73          | 1.73           | ∞  |
| Probe positioner mechanical tolerance                                             | E.6.2   | 0.4         | R              | $\sqrt{3}$  | 1       | 1        | 0.23          | 0.23           | ∞  |
| Probe positioning with respect to phantom shell                                   | E.6.3   | 6.7         | R              | $\sqrt{3}$  | 1       | 1        | 3.87          | 3.87           | ∞  |
| Extrapolation, interpolation, and integrations algorithms for max. SAR evaluation | E.5     | 4           | R              | $\sqrt{3}$  | 1       | 1        | 2.31          | 2.31           | ∞  |
| <b>System check source (dipole)</b>                                               |         |             |                |             |         |          |               |                |    |
| Deviation of experimental dipole from numerical dipole                            | E.6.4   | 5.0         | N              | 1           | 1       | 1        | 5.00          | 5.00           | ∞  |
| Input power and SAR drift measurement                                             | 8,6.6.4 | 5.0         | R              | $\sqrt{3}$  | 1       | 1        | 2.89          | 2.89           | ∞  |
| Dipole axis to liquid distance                                                    | 8,E.6.6 | 2.0         | R              | $\sqrt{3}$  | 1       | 1        | 1.15          | 1.15           | ∞  |
| <b>Phantom and tissue parameters</b>                                              |         |             |                |             |         |          |               |                |    |
| Phantom shell uncertainty—shape, thickness, and permittivity                      | E.3.1   | 6.6         | R              | $\sqrt{3}$  | 1       | 1        | 3.81          | 3.81           | ∞  |
| Uncertainty in SAR correction for deviations in permittivity and conductivity     | E.3.2   | 1.9         | N              | 1           | 1       | 0.84     | 1.90          | 1.60           | ∞  |
| Liquid conductivity measurement                                                   | E.3.3   | 4           | N              | 1           | 0.78    | 0.71     | 3.12          | 2.84           | M  |
| Liquid permittivity measurement                                                   | E.3.3   | 5           | N              | 1           | 0.23    | 0.26     | 1.15          | 1.30           | M  |
| Liquid conductivity—temperature uncertainty                                       | E.3.4   | 2.5         | R              | $\sqrt{3}$  | 0.78    | 0.71     | 1.13          | 1.02           | ∞  |
| Liquid permittivity—temperature uncertainty                                       | E.3.4   | 2.5         | R              | $\sqrt{3}$  | 0.23    | 0.26     | 0.33          | 0.38           | ∞  |
| Combined Standard Uncertainty                                                     |         |             | RSS            |             |         |          | 11.45         | 11.28          |    |
| Expanded Uncertainty (95% Confidence interval)                                    |         |             | K=2            |             |         |          | 22.89         | 22.55          |    |

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



## 12. CONDUCTED POWER MEASUREMENT

### GSM BAND

| Mode                  | Frequency(MHz) | Avg. Burst Power(dBm) | Duty cycle Factor(dBm) | Frame Power(dBm) |
|-----------------------|----------------|-----------------------|------------------------|------------------|
| Maximum Power <1>     |                |                       |                        |                  |
| GSM 850               | 824.2          | 31.27                 | -9                     | 22.27            |
|                       | 836.6          | 30.66                 | -9                     | 21.66            |
|                       | 848.8          | 30.44                 | -9                     | 21.44            |
| GPRS 850<br>(1 Slot)  | 824.2          | <b>31.44</b>          | -9                     | 22.44            |
|                       | 836.6          | 31.34                 | -9                     | 22.34            |
|                       | 848.8          | 30.72                 | -9                     | 21.72            |
| GPRS 850<br>(2 Slot)  | 824.2          | 30.78                 | -6                     | <b>24.78</b>     |
|                       | 836.6          | 30.42                 | -6                     | 24.42            |
|                       | 848.8          | 30.55                 | -6                     | 24.55            |
| GPRS 850<br>(3 Slot)  | 824.2          | 29.02                 | -4.26                  | 24.76            |
|                       | 836.6          | 28.94                 | -4.26                  | 24.68            |
|                       | 848.8          | 28.93                 | -4.26                  | 24.67            |
| GPRS 850<br>(4 Slot)  | 824.2          | 26.84                 | -3                     | 23.84            |
|                       | 836.6          | 26.91                 | -3                     | 23.91            |
|                       | 848.8          | 26.79                 | -3                     | 23.79            |
| EGPRS 850<br>(1 Slot) | 824.2          | 25.58                 | -9                     | 16.58            |
|                       | 836.6          | 24.61                 | -9                     | 15.61            |
|                       | 848.8          | 25.77                 | -9                     | 16.77            |
| EGPRS 850<br>(2 Slot) | 824.2          | 24.34                 | -6                     | 18.34            |
|                       | 836.6          | 24.42                 | -6                     | 18.42            |
|                       | 848.8          | 24.43                 | -6                     | 18.43            |
| EGPRS 850<br>(3 Slot) | 824.2          | 21.76                 | -4.26                  | 17.50            |
|                       | 836.6          | 21.65                 | -4.26                  | 17.39            |
|                       | 848.8          | 21.34                 | -4.26                  | 17.08            |
| EGPRS 850<br>(4 Slot) | 824.2          | 19.85                 | -3                     | 16.85            |
|                       | 836.6          | 19.76                 | -3                     | 16.76            |
|                       | 848.8          | 19.47                 | -3                     | 16.47            |

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.



# GSM BAND CONTINUE

| Mode               | Frequency(MHz) | Avg. Burst Power(dBm) | Duty cycle Factor(dBm) | Frame Power(dBm) |
|--------------------|----------------|-----------------------|------------------------|------------------|
| Maximum Power <1>  |                |                       |                        |                  |
| PCS1900            | 1850.2         | 29.46                 | -9                     | 20.46            |
|                    | 1880           | 29.93                 | -9                     | 20.93            |
|                    | 1909.8         | 29.64                 | -9                     | 20.64            |
| GPRS1900 (1 Slot)  | 1850.2         | 29.51                 | -9                     | 20.51            |
|                    | 1880           | <b>29.95</b>          | -9                     | 20.95            |
|                    | 1909.8         | 29.66                 | -9                     | 20.66            |
| GPRS1900 (2 Slot)  | 1850.2         | 27.36                 | -6                     | 21.36            |
|                    | 1880           | 27.42                 | -6                     | <b>21.42</b>     |
|                    | 1909.8         | 27.39                 | -6                     | 21.39            |
| GPRS1900 (3 Slot)  | 1850.2         | 25.53                 | -4.26                  | 21.27            |
|                    | 1880           | 25.57                 | -4.26                  | 21.31            |
|                    | 1909.8         | 25.66                 | -4.26                  | 21.40            |
| GPRS1900 (4 Slot)  | 1850.2         | 23.21                 | -3                     | 20.21            |
|                    | 1880           | 23.48                 | -3                     | 20.48            |
|                    | 1909.8         | 23.36                 | -3                     | 20.36            |
| EGPRS1900 (1 Slot) | 1850.2         | 25.45                 | -9                     | 16.45            |
|                    | 1880           | 25.93                 | -9                     | 16.93            |
|                    | 1909.8         | 26.11                 | -9                     | 17.11            |
| EGPRS1900 (2 Slot) | 1850.2         | 23.89                 | -6                     | 17.89            |
|                    | 1880           | 24.12                 | -6                     | 18.12            |
|                    | 1909.8         | 24.09                 | -6                     | 18.09            |
| EGPRS1900 (3 Slot) | 1850.2         | 21.78                 | -4.26                  | 17.52            |
|                    | 1880           | 21.94                 | -4.26                  | 17.68            |
|                    | 1909.8         | 21.87                 | -4.26                  | 17.61            |
| EGPRS1900 (4 Slot) | 1850.2         | 19.85                 | -3                     | 16.85            |
|                    | 1880           | 19.69                 | -3                     | 16.69            |
|                    | 1909.8         | 19.74                 | -3                     | 16.74            |

## Note 1:

The Frame Power (Source-based time-averaged Power) is scaled the maximum burst average power based on time slots. The calculated methods are show as following:

Frame Power = Max burst power (1 Up Slot) – 9 dB

Frame Power = Max burst power (2 Up Slot) – 6 dB

Frame Power = Max burst power (3 Up Slot) – 4.26 dB

Frame Power = Max burst power (4 Up Slot) – 3 dB

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd

Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



## UMTS BAND HSDPA Setup Configuration:

- The EUT was connected to Base Station CMU200 referred to the Setup Configuration.
- The RF path losses were compensated into the measurements.
- A call was established between EUT and Based Station with following setting:
  - (1) Set Gain Factors( $\beta_c$  and  $\beta_d$ ) parameters set according to each
  - (2) Set RMC 12.2Kbps+HSDPA mode.
  - (3) Set Cell Power=-86dBm
  - (4) Set HS-DSCH Configuration Type to FRC (H-set 1, QPSK)
  - (5) Select HSDPA Uplink Parameters
  - (6) Set Delta ACK, Delta NACK and Delta CQI=8
  - (7) Set Ack - Nack Repetition Factor to 3
  - (8) Set CQI Feedback Cycle (k) to 4ms
  - (9) Set CQI Repetition Factor to 2
  - (10) Power Ctrl Mode=All Up bits
- The transmitted maximum output power was recorded.

Table C.10.2.4:  $\beta$  values for transmitter characteristics tests with HS-DPCCH

| Sub-test | $\beta_c$ (Note5) | $\beta_d$     | $\beta_d$ (SF) | $\beta_c/\beta_d$ | $\beta_{HS}$ (Note1, Note 2) | CM (dB) (Note 3) | MPR (dB) (Note 3) |
|----------|-------------------|---------------|----------------|-------------------|------------------------------|------------------|-------------------|
| 1        | 2/15              | 15/15         | 64             | 2/15              | 4/15                         | 0.0              | 0.0               |
| 2        | 12/15(Note 4)     | 15/15(Note 4) | 64             | 12/15(Note 4)     | 24/15                        | 1.0              | 0.0               |
| 3        | 15/15             | 8/15          | 64             | 15/8              | 30/15                        | 1.5              | 0.5               |
| 4        | 15/15             | 4/15          | 64             | 15/4              | 30/15                        | 1.5              | 0.5               |

Note 1:  $\Delta ACK$ ,  $\Delta NACK$  and  $\Delta CQI = 30/15$  with  $\beta_{hs} = 30/15 * \beta_c$ .

Note 2: For the HS-DPCCH power mask requirement test in clause 5.2C, 5.7A, and the Error Vector Magnitude (EVM) with HS-DPCCH test in clause 5.13.1A, and HSDPA EVM with phase discontinuity in clause

5.13.1AA,  $\Delta ACK$  and  $\Delta NACK = 30/15$  with  $\beta_{hs} = 30/15 * \beta_c$ , and  $\Delta CQI = 24/15$  with  $\beta_{hs} = 24/15 * \beta_c$ .

Note 3: CM = 1 for  $\beta_c/\beta_d = 12/15$ ,  $hs/c = 24/15$ . For all other combinations of DPDCH, DPCCH and HS-DPCCH the MPR is based on the relative CM difference. This is applicable for only UEs that support HSDPA in release 6 and later releases.

Note 4: For subtest 2 the  $c/d$  ratio of 12/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signalled gain factors for the reference TFC (TF1, TF1) to  $c = 11/15$  and  $d = 15/15$ .

### HSUPA Setup Configuration:

- The EUT was connected to Base Station CMU200 referred to the Setup Configuration.
- The RF path losses were compensated into the measurements.
- A call was established between EUT and Base Station with following setting \* :
  - (1) Call Configs = 5.2B, 5.9B, 5.10B, and 5.13.2B with QPSK
  - (2) Set the Gain Factors ( $\beta_c$  and  $\beta_d$ ) and parameters (AG Index) were set according to each specific sub-test in the following table, C11.1.3, quoted from the TS 34.121
  - (3) Set Cell Power = -86 dBm
  - (4) Set Channel Type = 12.2k + HSPA
  - (5) Set UE Target Power
  - (6) Power Ctrl Mode= Alternating bits
  - (7) Set and observe the E-TFCI
  - (8) Confirm that E-TFCI is equal to the target E-TFCI of 75 for sub-test 1, and other subtest's E-TFCI
- The transmitted maximum output power was recorded.

Table C.11.1.3:  $\beta$  values for transmitter characteristics tests with HS-DPCCH and E-DCH

| Sub-test | $\beta_c$      | $\beta_d$      | $\beta_d$ (SF) | $\beta_c/\beta_d$ | $\beta_{HS}$ (Note 1) | $\beta_{ec}$ | $\beta_{ed}$ (Note 4) (Note 5)                 | $\beta_{ed}$ (SF) | $\beta_{ed}$ (Code s) | CM (dB) (Note 2) | MPR (dB) (Note 2) (Note 6) | AG Index (Note 5) | E-TF CI |
|----------|----------------|----------------|----------------|-------------------|-----------------------|--------------|------------------------------------------------|-------------------|-----------------------|------------------|----------------------------|-------------------|---------|
| 1        | 11/15 (Note 3) | 15/15 (Note 3) | 64             | 11/15 (Note 3)    | 22/15                 | 209/225      | 1309/225                                       | 4                 | 1                     | 1.0              | 0.0                        | 20                | 75      |
| 2        | 6/15           | 15/15          | 64             | 6/15              | 12/15                 | 12/15        | 94/75                                          | 4                 | 1                     | 3.0              | 2.0                        | 12                | 67      |
| 3        | 15/15          | 9/15           | 64             | 15/9              | 30/15                 | 30/15        | $\beta_{ed1}$ : 47/15<br>$\beta_{ed2}$ : 47/15 | 4<br>4            | 2                     | 2.0              | 1.0                        | 15                | 92      |
| 4        | 2/15           | 15/15          | 64             | 2/15              | 4/15                  | 2/15         | 56/75                                          | 4                 | 1                     | 3.0              | 2.0                        | 17                | 71      |
| 5        | 15/15          | 0              | -              | -                 | 5/15                  | 5/15         | 47/15                                          | 4                 | 1                     | 1.0              | 0.0                        | 12                | 67      |

Note 1: For sub-test 1 to 4,  $\Delta ACK$ ,  $\Delta NACK$  and  $\Delta CQI = 30/15$  with  $\beta_{hs} = 30/15 * \beta_c$ . For sub-test 5,  $\Delta ACK$ ,  $\Delta NACK$  and  $\Delta CQI = 5/15$  with  $\beta_{hs} = 5/15 * \beta_c$ .

Note 2: CM = 1 for  $\beta_c/\beta_d = 12/15$ ,  $hs/c = 24/15$ . For all other combinations of DPDCH, DPCCH, HS-DPCCH, E-DPDCH and E-DPCCH the MPR is based on the relative CM difference.

Note 3: For subtest 1 the  $c/d$  ratio of 11/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signalled gain factors for the reference TFC (TF1, TF1) to  $c = 10/15$  and  $d = 15/15$ .

Note 4: In case of testing by UE using E-DPDCH Physical Layer category 1, Sub-test 3 is omitted according to TS25.306 Table 5.1g.

Note 5:  $\beta_{ed}$  cannot be set directly; it is set by Absolute Grant Value.

Note 6: For subtests 2, 3 and 4, UE may perform E-DPDCH power scaling at max power which could results in slightly smaller MPR values.

**UMTS BAND II**

| Mode               | Frequency<br>(MHz) | Avg. Burst Power<br>(dBm) |
|--------------------|--------------------|---------------------------|
| WCDMA 1900<br>RMC  | 1852.4             | 21.76                     |
|                    | 1880               | <b>22.12</b>              |
|                    | 1907.6             | 21.61                     |
| HSDPA<br>Subtest 1 | 1852.4             | 20.73                     |
|                    | 1880               | 21.05                     |
|                    | 1907.6             | 20.50                     |
| HSDPA<br>Subtest 2 | 1852.4             | 19.96                     |
|                    | 1880               | 20.28                     |
|                    | 1907.6             | 19.71                     |
| HSDPA<br>Subtest 3 | 1852.4             | 19.84                     |
|                    | 1880               | 20.19                     |
|                    | 1907.6             | 19.63                     |
| HSDPA<br>Subtest 4 | 1852.4             | 19.83                     |
|                    | 1880               | 20.19                     |
|                    | 1907.6             | 19.66                     |
| HSUPA<br>Subtest 1 | 1852.4             | 18.38                     |
|                    | 1880               | 18.72                     |
|                    | 1907.6             | 18.17                     |
| HSUPA<br>Subtest 2 | 1852.4             | 18.47                     |
|                    | 1880               | 18.78                     |
|                    | 1907.6             | 18.22                     |
| HSUPA<br>Subtest 3 | 1852.4             | 19.41                     |
|                    | 1880               | 19.76                     |
|                    | 1907.6             | 19.19                     |
| HSUPA<br>Subtest 4 | 1852.4             | 17.89                     |
|                    | 1880               | 18.26                     |
|                    | 1907.6             | 17.73                     |
| HSUPA<br>Subtest 5 | 1852.4             | 17.69                     |
|                    | 1880               | 17.94                     |
|                    | 1907.6             | 17.41                     |

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**UMTS BAND IV**

| Mode               | Frequency<br>(MHz) | Avg. Burst Power<br>(dBm) |
|--------------------|--------------------|---------------------------|
| WCDMA 1700<br>RMC  | 1712.4             | <b>23.17</b>              |
|                    | 1732.4             | 22.82                     |
|                    | 1752.6             | 22.60                     |
| HSDPA<br>Subtest 1 | 1712.4             | 22.22                     |
|                    | 1732.4             | 21.91                     |
|                    | 1752.6             | 21.60                     |
| HSDPA<br>Subtest 2 | 1712.4             | 21.34                     |
|                    | 1732.4             | 21.12                     |
|                    | 1752.6             | 20.71                     |
| HSDPA<br>Subtest 3 | 1712.4             | 21.29                     |
|                    | 1732.4             | 21.01                     |
|                    | 1752.6             | 20.70                     |
| HSDPA<br>Subtest 4 | 1712.4             | 21.31                     |
|                    | 1732.4             | 21.00                     |
|                    | 1752.6             | 20.67                     |
| HSUPA<br>Subtest 1 | 1712.4             | 19.91                     |
|                    | 1732.4             | 19.59                     |
|                    | 1752.6             | 19.31                     |
| HSUPA<br>Subtest 2 | 1712.4             | 20.06                     |
|                    | 1732.4             | 19.69                     |
|                    | 1752.6             | 19.47                     |
| HSUPA<br>Subtest 3 | 1712.4             | 20.97                     |
|                    | 1732.4             | 20.64                     |
|                    | 1752.6             | 20.37                     |
| HSUPA<br>Subtest 4 | 1712.4             | 19.53                     |
|                    | 1732.4             | 19.22                     |
|                    | 1752.6             | 18.92                     |
| HSUPA<br>Subtest 5 | 1712.4             | 19.19                     |
|                    | 1732.4             | 18.62                     |
|                    | 1752.6             | 20.34                     |

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**UMTS BAND V**

| Mode               | Frequency<br>(MHz) | Avg. Burst Power<br>(dBm) |
|--------------------|--------------------|---------------------------|
| WCDMA 850<br>RMC   | 826.4              | 23.20                     |
|                    | 836.6              | 22.61                     |
|                    | 846.6              | <b>23.24</b>              |
| HSDPA<br>Subtest 1 | 826.4              | 22.31                     |
|                    | 836.6              | 21.75                     |
|                    | 846.6              | 22.29                     |
| HSDPA<br>Subtest 2 | 826.4              | 21.55                     |
|                    | 836.6              | 20.98                     |
|                    | 846.6              | 21.47                     |
| HSDPA<br>Subtest 3 | 826.4              | 21.53                     |
|                    | 836.6              | 20.91                     |
|                    | 846.6              | 21.45                     |
| HSDPA<br>Subtest 4 | 826.4              | 21.48                     |
|                    | 836.6              | 20.89                     |
|                    | 846.6              | 21.37                     |
| HSUPA<br>Subtest 1 | 826.4              | 20.17                     |
|                    | 836.6              | 19.56                     |
|                    | 846.6              | 20.16                     |
| HSUPA<br>Subtest 2 | 826.4              | 20.17                     |
|                    | 836.6              | 19.52                     |
|                    | 846.6              | 20.15                     |
| HSUPA<br>Subtest 3 | 826.4              | 21.21                     |
|                    | 836.6              | 20.57                     |
|                    | 846.6              | 21.13                     |
| HSUPA<br>Subtest 4 | 826.4              | 19.63                     |
|                    | 836.6              | 19.09                     |
|                    | 846.6              | 19.67                     |
| HSUPA<br>Subtest 5 | 826.4              | 19.31                     |
|                    | 836.6              | 18.70                     |
|                    | 846.6              | 19.29                     |

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>



According to 3GPP 25.101 sub-clause 6.2.2 , the maximum output power is allowed to be reduced by following the table.

Table 6.1aA: UE maximum output power with HS-DPCCH and E-DCH

| UE Transmit Channel Configuration                                    | CM(db)               | MPR(db)       |
|----------------------------------------------------------------------|----------------------|---------------|
| For all combinations of ,DPDCH,DPCCH<br>HS-DPDCH,E-DPDCH and E-DPCCH | $0 \leq CM \leq 3.5$ | $MAX(CM-1,0)$ |

Note: CM=1 for  $\beta_{cd}/\beta_{cd}=12/15$ ,  $\beta_{hs}/\beta_{cd}=24/15$ . For all other combinations of DPDCH, DPCCH, HS-DPCCH, E-DPDCH and E-DPCCH the MPR is based on the relative CM difference.

The device supports MPR to solve linearity issues (ACLR or SEM) due to the higher peak-to average ratios (PAR) of the HSUPA signal. This prevents saturating the full range of the TX DAC inside of device and provides a reduced power output to the RF transceiver chip according to the Cubic Metric (a function of the combinations of DPDCH, DPCCH, HS-DPCCH, E-DPDCH and E-DPCCH).

When E-DPDCH channels are present the beta gains on those channels are reduced firsts to try to get the power under the allowed limit. If the beta gains are lowered as far as possible, then a hard limiting is applied at the maximum allowed level.

The SW currently recalculates the cubic metric every time the beta gains on the E-DPDCH are reduced. The cubic metric will likely get lower each time this is done .However, there is no reported reduction of maximum output power in the HSUPA mode since the device also provides a compensation for the power back-off by increasing the gain of TX\_AGC in the transceiver (PA) device.

The end effect is that the DUT output power is identical to the case where there is no MPR in the device.

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



# LTE Band

| Conducted Power of LTE Band 2(dBm) |            |         |           |            |         |              |         |
|------------------------------------|------------|---------|-----------|------------|---------|--------------|---------|
| Bandwidth                          | Modulation | RB size | RB offset | Target MPR | Channel | Channel      | Channel |
|                                    |            |         |           |            | 18607   | 18900        | 19193   |
| 1.4MHz                             | QPSK       | 1       | 0         | 0          | 22.72   | <b>22.96</b> | 22.33   |
|                                    |            |         | 3         | 0          | 22.81   | 22.79        | 21.95   |
|                                    |            |         | 5         | 0          | 22.70   | 22.64        | 21.79   |
|                                    |            | 3       | 0         | 0          | 22.74   | 22.62        | 21.78   |
|                                    |            |         | 2         | 0          | 22.74   | 22.74        | 21.79   |
|                                    |            |         | 3         | 0          | 22.38   | 22.67        | 21.85   |
|                                    |            | 6       | 0         | 1          | 21.78   | 21.79        | 20.85   |
|                                    | 16QAM      | 1       | 0         | 1          | 21.77   | 21.89        | 20.65   |
|                                    |            |         | 3         | 1          | 21.91   | 21.82        | 20.88   |
|                                    |            |         | 5         | 1          | 21.73   | 21.48        | 20.68   |
|                                    |            | 3       | 0         | 1          | 21.49   | 21.52        | 20.59   |
|                                    |            |         | 2         | 1          | 21.48   | 21.68        | 20.60   |
|                                    |            |         | 3         | 1          | 21.17   | 21.51        | 20.54   |
|                                    |            | 6       | 0         | 2          | 20.80   | 20.84        | 19.82   |
| Bandwidth                          | Modulation | RB size | RB offset | Target MPR | Channel | Channel      | Channel |
|                                    |            |         |           |            | 18615   | 18900        | 19185   |
| 3MHz                               | QPSK       | 1       | 0         | 0          | 22.23   | 22.55        | 21.84   |
|                                    |            |         | 7         | 0          | 22.16   | 22.48        | 21.82   |
|                                    |            |         | 14        | 0          | 22.22   | 22.41        | 21.91   |
|                                    |            | 8       | 0         | 1          | 21.18   | 21.54        | 20.80   |
|                                    |            |         | 4         | 1          | 21.16   | 21.52        | 20.81   |
|                                    |            |         | 7         | 1          | 21.18   | 21.42        | 20.81   |
|                                    |            | 15      | 0         | 1          | 21.14   | 21.42        | 20.73   |
|                                    | 16QAM      | 1       | 0         | 1          | 21.38   | 21.64        | 20.72   |
|                                    |            |         | 7         | 1          | 21.27   | 21.51        | 20.71   |
|                                    |            |         | 14        | 1          | 21.31   | 21.49        | 20.77   |
|                                    |            | 8       | 0         | 2          | 20.19   | 20.45        | 19.74   |
|                                    |            |         | 4         | 2          | 20.20   | 20.47        | 19.75   |
|                                    |            |         | 7         | 2          | 20.16   | 20.39        | 19.75   |
|                                    |            | 15      | 0         | 2          | 20.07   | 20.30        | 19.63   |

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



| Conducted Power of LTE Band 2(dBm) |            |         |           |            |         |         |         |
|------------------------------------|------------|---------|-----------|------------|---------|---------|---------|
| Bandwidth                          | Modulation | RB size | RB offset | Target MPR | Channel | Channel | Channel |
|                                    |            |         |           |            | 18625   | 18900   | 19175   |
| 5MHz                               | QPSK       | 1       | 0         | 0          | 22.26   | 22.56   | 21.77   |
|                                    |            |         | 13        | 0          | 22.30   | 22.57   | 21.87   |
|                                    |            |         | 24        | 0          | 22.15   | 22.40   | 21.87   |
|                                    |            | 12      | 0         | 1          | 21.17   | 21.53   | 20.80   |
|                                    |            |         | 6         | 1          | 21.20   | 21.53   | 20.76   |
|                                    |            |         | 13        | 1          | 21.20   | 21.45   | 20.75   |
|                                    |            | 25      | 0         | 1          | 21.14   | 21.49   | 20.76   |
|                                    | 16QAM      | 1       | 0         | 1          | 21.19   | 21.74   | 20.79   |
|                                    |            |         | 13        | 1          | 21.21   | 21.65   | 20.83   |
|                                    |            |         | 24        | 1          | 21.16   | 21.55   | 20.83   |
|                                    |            | 12      | 0         | 2          | 20.06   | 20.48   | 19.74   |
|                                    |            |         | 6         | 2          | 20.11   | 20.47   | 19.73   |
|                                    |            |         | 13        | 2          | 20.09   | 20.38   | 19.69   |
|                                    |            | 25      | 0         | 2          | 20.12   | 20.41   | 19.75   |
| Bandwidth                          | Modulation | RB size | RB offset | Target MPR | Channel | Channel | Channel |
|                                    |            |         |           |            | 18650   | 18900   | 19150   |
| 10MHz                              | QPSK       | 1       | 0         | 0          | 22.23   | 22.75   | 21.85   |
|                                    |            |         | 25        | 0          | 22.31   | 22.53   | 21.91   |
|                                    |            |         | 49        | 0          | 22.26   | 22.33   | 21.89   |
|                                    |            | 25      | 0         | 1          | 21.25   | 21.62   | 20.93   |
|                                    |            |         | 13        | 1          | 21.22   | 21.64   | 20.92   |
|                                    |            |         | 25        | 1          | 21.24   | 21.46   | 20.81   |
|                                    |            | 50      | 0         | 1          | 21.23   | 21.52   | 20.79   |
|                                    | 16QAM      | 1       | 0         | 1          | 21.31   | 21.83   | 20.77   |
|                                    |            |         | 25        | 1          | 21.28   | 21.69   | 20.80   |
|                                    |            |         | 49        | 1          | 21.41   | 21.38   | 20.69   |
|                                    |            | 25      | 0         | 2          | 20.12   | 20.58   | 19.88   |
|                                    |            |         | 13        | 2          | 20.14   | 20.59   | 19.87   |
|                                    |            |         | 25        | 2          | 20.18   | 20.41   | 19.76   |
|                                    |            | 50      | 0         | 2          | 20.15   | 20.49   | 19.73   |

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.



| Conducted Power of LTE Band 2(dBm) |            |         |           |            |         |         |         |
|------------------------------------|------------|---------|-----------|------------|---------|---------|---------|
| Bandwidth                          | Modulation | RB size | RB offset | Target MPR | Channel | Channel | Channel |
|                                    |            |         |           |            | 18675   | 18900   | 19125   |
| 15MHz                              | QPSK       | 1       | 0         | 0          | 22.13   | 22.72   | 21.92   |
|                                    |            |         | 38        | 0          | 22.23   | 22.52   | 21.86   |
|                                    |            |         | 74        | 0          | 22.55   | 22.12   | 21.73   |
|                                    |            | 36      | 0         | 1          | 21.32   | 21.59   | 20.89   |
|                                    |            |         | 18        | 1          | 21.35   | 21.55   | 20.83   |
|                                    |            |         | 39        | 1          | 21.36   | 21.56   | 20.85   |
|                                    |            | 75      | 0         | 1          | 21.35   | 21.58   | 20.89   |
|                                    | 16QAM      | 1       | 0         | 1          | 21.27   | 21.93   | 20.73   |
|                                    |            |         | 38        | 1          | 21.36   | 21.71   | 20.77   |
|                                    |            |         | 74        | 1          | 21.63   | 21.36   | 20.62   |
|                                    |            | 36      | 0         | 2          | 21.35   | 21.56   | 20.85   |
|                                    |            |         | 18        | 2          | 21.35   | 21.54   | 20.84   |
|                                    |            |         | 39        | 2          | 21.38   | 21.58   | 20.85   |
|                                    |            | 75      | 0         | 2          | 20.27   | 20.48   | 19.81   |
| Bandwidth                          | Modulation | RB size | RB offset | Target MPR | Channel | Channel | Channel |
|                                    |            |         |           |            | 18700   | 18900   | 19100   |
| 20MHz                              | QPSK       | 1       | 0         | 0          | 22.03   | 22.71   | 21.77   |
|                                    |            |         | 50        | 0          | 22.41   | 22.69   | 21.91   |
|                                    |            |         | 99        | 0          | 22.78   | 21.96   | 21.54   |
|                                    |            | 50      | 0         | 1          | 21.12   | 21.62   | 20.90   |
|                                    |            |         | 25        | 1          | 21.15   | 21.62   | 20.91   |
|                                    |            |         | 50        | 1          | 21.63   | 21.28   | 20.72   |
|                                    |            | 100     | 0         | 1          | 21.41   | 21.51   | 20.80   |
|                                    | 16QAM      | 1       | 0         | 1          | 21.03   | 21.87   | 20.76   |
|                                    |            |         | 50        | 1          | 21.51   | 21.74   | 20.99   |
|                                    |            |         | 99        | 1          | 21.69   | 21.07   | 20.53   |
|                                    |            | 50      | 0         | 2          | 20.09   | 20.59   | 19.89   |
|                                    |            |         | 25        | 2          | 20.05   | 20.57   | 19.90   |
|                                    |            |         | 50        | 2          | 20.60   | 20.27   | 19.68   |
|                                    |            | 100     | 0         | 2          | 20.35   | 20.43   | 19.77   |

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.



| Conducted Power of LTE Band 4(dBm) |            |         |           |            |         |         |         |
|------------------------------------|------------|---------|-----------|------------|---------|---------|---------|
| Bandwidth                          | Modulation | RB size | RB offset | Target MPR | Channel | Channel | Channel |
|                                    |            |         |           |            | 19957   | 20175   | 20393   |
| 1.4MHz                             | QPSK       | 1       | 0         | 0          | 23.07   | 22.88   | 22.65   |
|                                    |            |         | 3         | 0          | 22.71   | 22.98   | 22.72   |
|                                    |            |         | 5         | 0          | 22.54   | 22.88   | 22.66   |
|                                    |            | 3       | 0         | 0          | 22.64   | 22.98   | 22.73   |
|                                    |            |         | 2         | 0          | 22.66   | 22.98   | 22.75   |
|                                    |            |         | 3         | 0          | 22.65   | 22.98   | 22.79   |
|                                    |            | 6       | 0         | 1          | 21.65   | 21.99   | 21.78   |
|                                    | 16QAM      | 1       | 0         | 1          | 21.75   | 21.95   | 21.77   |
|                                    |            |         | 3         | 1          | 21.82   | 22.17   | 21.86   |
|                                    |            |         | 5         | 1          | 21.60   | 21.94   | 21.78   |
|                                    |            | 3       | 0         | 1          | 21.48   | 21.84   | 21.60   |
|                                    |            |         | 2         | 1          | 21.47   | 21.84   | 21.62   |
|                                    |            |         | 3         | 1          | 21.47   | 21.80   | 21.68   |
|                                    |            | 6       | 0         | 2          | 20.67   | 20.97   | 20.65   |
| Bandwidth                          | Modulation | RB size | RB offset | Target MPR | Channel | Channel | Channel |
|                                    |            |         |           |            | 19965   | 20175   | 20385   |
| 3MHz                               | QPSK       | 1       | 0         | 0          | 22.48   | 22.81   | 22.63   |
|                                    |            |         | 7         | 0          | 22.47   | 22.87   | 22.65   |
|                                    |            |         | 14        | 0          | 22.41   | 22.87   | 22.68   |
|                                    |            | 8       | 0         | 1          | 21.57   | 21.92   | 21.69   |
|                                    |            |         | 4         | 1          | 21.57   | 21.94   | 21.67   |
|                                    |            |         | 7         | 1          | 21.50   | 21.93   | 21.69   |
|                                    |            | 15      | 0         | 1          | 21.49   | 21.87   | 21.62   |
|                                    | 16QAM      | 1       | 0         | 1          | 21.73   | 22.06   | 21.78   |
|                                    |            |         | 7         | 1          | 21.62   | 22.07   | 21.78   |
|                                    |            |         | 14        | 1          | 21.61   | 21.98   | 21.81   |
|                                    |            | 8       | 0         | 2          | 20.54   | 20.93   | 20.68   |
|                                    |            |         | 4         | 2          | 20.55   | 20.94   | 20.68   |
|                                    |            |         | 7         | 2          | 20.52   | 20.92   | 20.69   |
|                                    |            | 15      | 0         | 2          | 20.42   | 20.90   | 20.56   |

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.



| Conducted Power of LTE Band 4(dBm) |            |         |           |            |         |         |         |
|------------------------------------|------------|---------|-----------|------------|---------|---------|---------|
| Bandwidth                          | Modulation | RB size | RB offset | Target MPR | Channel | Channel | Channel |
|                                    |            |         |           |            | 19975   | 20175   | 20375   |
| 5MHz                               | QPSK       | 1       | 0         | 0          | 22.52   | 22.83   | 22.51   |
|                                    |            |         | 13        | 0          | 22.55   | 22.99   | 22.77   |
|                                    |            |         | 24        | 0          | 22.34   | 22.80   | 22.67   |
|                                    |            | 12      | 0         | 1          | 21.44   | 21.93   | 21.62   |
|                                    |            |         | 6         | 1          | 21.53   | 21.96   | 21.68   |
|                                    |            |         | 13        | 1          | 21.40   | 21.89   | 21.71   |
|                                    |            | 25      | 0         | 1          | 21.45   | 21.95   | 21.70   |
|                                    | 16QAM      | 1       | 0         | 1          | 21.51   | 21.83   | 21.71   |
|                                    |            |         | 13        | 1          | 21.49   | 21.96   | 21.95   |
|                                    |            |         | 24        | 1          | 21.34   | 21.81   | 21.89   |
|                                    |            | 12      | 0         | 2          | 20.46   | 20.88   | 20.66   |
|                                    |            |         | 6         | 2          | 20.45   | 20.89   | 20.68   |
|                                    |            |         | 13        | 2          | 20.37   | 20.84   | 20.74   |
|                                    |            | 25      | 0         | 2          | 20.47   | 20.91   | 20.66   |
| Bandwidth                          | Modulation | RB size | RB offset | Target MPR | Channel | Channel | Channel |
|                                    |            |         |           |            | 20000   | 20175   | 20350   |
| 10MHz                              | QPSK       | 1       | 0         | 0          | 22.53   | 22.84   | 22.31   |
|                                    |            |         | 25        | 0          | 22.52   | 22.98   | 22.65   |
|                                    |            |         | 49        | 0          | 22.41   | 22.74   | 22.70   |
|                                    |            | 25      | 0         | 1          | 21.47   | 22.01   | 21.51   |
|                                    |            |         | 13        | 1          | 21.49   | 22.01   | 21.53   |
|                                    |            |         | 25        | 1          | 21.47   | 21.93   | 21.73   |
|                                    |            | 50      | 0         | 1          | 21.45   | 21.92   | 21.61   |
|                                    | 16QAM      | 1       | 0         | 1          | 21.65   | 22.01   | 21.48   |
|                                    |            |         | 25        | 1          | 21.70   | 22.19   | 21.81   |
|                                    |            |         | 49        | 1          | 21.56   | 21.96   | 21.82   |
|                                    |            | 25      | 0         | 2          | 20.41   | 20.95   | 20.58   |
|                                    |            |         | 13        | 2          | 20.46   | 20.96   | 20.53   |
|                                    |            |         | 25        | 2          | 20.45   | 20.87   | 20.71   |
|                                    |            | 50      | 0         | 2          | 20.41   | 20.89   | 20.66   |

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.



| Conducted Power of LTE Band 4(dBm) |            |         |           |            |         |         |         |
|------------------------------------|------------|---------|-----------|------------|---------|---------|---------|
| Bandwidth                          | Modulation | RB size | RB offset | Target MPR | Channel | Channel | Channel |
|                                    |            |         |           |            | 20025   | 20175   | 20325   |
| 15MHz                              | QPSK       | 1       | 0         | 0          | 22.43   | 22.73   | 22.45   |
|                                    |            |         | 38        | 0          | 22.40   | 22.92   | 22.48   |
|                                    |            |         | 74        | 0          | 22.49   | 22.53   | 22.62   |
|                                    |            | 36      | 0         | 1          | 21.60   | 21.98   | 21.65   |
|                                    |            |         | 18        | 1          | 21.55   | 21.96   | 21.64   |
|                                    |            |         | 39        | 1          | 21.57   | 21.98   | 21.63   |
|                                    |            | 75      | 0         | 1          | 21.58   | 21.96   | 21.63   |
|                                    | 16QAM      | 1       | 0         | 1          | 21.59   | 21.90   | 21.74   |
|                                    |            |         | 38        | 1          | 21.55   | 22.12   | 21.76   |
|                                    |            |         | 74        | 1          | 21.66   | 21.71   | 21.87   |
|                                    |            | 36      | 0         | 2          | 21.59   | 21.97   | 21.65   |
|                                    |            |         | 18        | 2          | 21.57   | 21.96   | 21.64   |
|                                    |            |         | 39        | 2          | 21.54   | 21.98   | 21.63   |
|                                    |            | 75      | 0         | 2          | 20.47   | 20.91   | 20.56   |
| Bandwidth                          | Modulation | RB size | RB offset | Target MPR | Channel | Channel | Channel |
|                                    |            |         |           |            | 20050   | 20175   | 20300   |
| 20MHz                              | QPSK       | 1       | 0         | 0          | 22.33   | 22.58   | 22.60   |
|                                    |            |         | 50        | 0          | 22.61   | 23.06   | 22.59   |
|                                    |            |         | 99        | 0          | 22.55   | 22.34   | 22.56   |
|                                    |            | 50      | 0         | 1          | 21.34   | 21.91   | 21.64   |
|                                    |            |         | 25        | 1          | 21.37   | 21.96   | 21.65   |
|                                    |            |         | 50        | 1          | 21.64   | 21.70   | 21.55   |
|                                    |            | 100     | 0         | 1          | 21.50   | 21.84   | 21.56   |
|                                    | 16QAM      | 1       | 0         | 1          | 21.34   | 21.57   | 21.72   |
|                                    |            |         | 50        | 1          | 21.63   | 22.07   | 21.73   |
|                                    |            |         | 99        | 1          | 21.56   | 21.36   | 21.65   |
|                                    |            | 50      | 0         | 2          | 20.32   | 20.90   | 20.65   |
|                                    |            |         | 25        | 2          | 20.36   | 20.88   | 20.61   |
|                                    |            |         | 50        | 2          | 20.55   | 20.76   | 20.57   |
|                                    |            | 100     | 0         | 2          | 20.47   | 20.80   | 20.56   |

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.



| Conducted Power of LTE Band 5(dBm) |            |         |           |            |         |         |         |
|------------------------------------|------------|---------|-----------|------------|---------|---------|---------|
| Bandwidth                          | Modulation | RB size | RB offset | Target MPR | Channel | Channel | Channel |
|                                    |            |         |           |            | 20407   | 20525   | 20643   |
| 1.4MHz                             | QPSK       | 1       | 0         | 0          | 23.35   | 23.33   | 23.35   |
|                                    |            |         | 3         | 0          | 22.83   | 23.13   | 23.56   |
|                                    |            |         | 5         | 0          | 22.88   | 22.90   | 23.39   |
|                                    |            | 3       | 0         | 0          | 22.95   | 22.90   | 23.41   |
|                                    |            |         | 2         | 0          | 22.97   | 22.93   | 23.42   |
|                                    |            |         | 3         | 0          | 22.95   | 22.97   | 23.47   |
|                                    |            | 6       | 0         | 1          | 21.94   | 21.94   | 22.48   |
|                                    | 16QAM      | 1       | 0         | 1          | 22.36   | 21.86   | 22.48   |
|                                    |            |         | 3         | 1          | 22.12   | 22.04   | 22.62   |
|                                    |            |         | 5         | 1          | 21.98   | 21.99   | 22.44   |
|                                    |            | 3       | 0         | 1          | 21.83   | 21.77   | 22.29   |
|                                    |            |         | 2         | 1          | 21.86   | 21.78   | 22.30   |
|                                    |            |         | 3         | 1          | 21.82   | 21.83   | 22.32   |
|                                    |            | 6       | 0         | 2          | 20.80   | 20.94   | 21.33   |
| Bandwidth                          | Modulation | RB size | RB offset | Target MPR | Channel | Channel | Channel |
|                                    |            |         |           |            | 20415   | 20525   | 20635   |
| 3MHz                               | QPSK       | 1       | 0         | 0          | 22.91   | 23.25   | 23.62   |
|                                    |            |         | 7         | 0          | 22.84   | 22.90   | 23.41   |
|                                    |            |         | 14        | 0          | 22.78   | 23.04   | 23.43   |
|                                    |            | 8       | 0         | 1          | 21.93   | 21.88   | 22.43   |
|                                    |            |         | 4         | 1          | 21.91   | 21.83   | 22.45   |
|                                    |            |         | 7         | 1          | 21.92   | 22.02   | 22.36   |
|                                    |            | 15      | 0         | 1          | 21.84   | 21.90   | 22.35   |
|                                    | 16QAM      | 1       | 0         | 1          | 22.07   | 21.94   | 22.52   |
|                                    |            |         | 7         | 1          | 21.95   | 22.01   | 22.49   |
|                                    |            |         | 14        | 1          | 21.88   | 22.14   | 22.52   |
|                                    |            | 8       | 0         | 2          | 20.95   | 20.90   | 21.40   |
|                                    |            |         | 4         | 2          | 20.95   | 20.88   | 21.39   |
|                                    |            |         | 7         | 2          | 20.86   | 20.99   | 21.34   |
|                                    |            | 15      | 0         | 2          | 20.84   | 20.91   | 21.34   |

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.



| Conducted Power of LTE Band 5(dBm) |            |         |           |            |         |         |         |
|------------------------------------|------------|---------|-----------|------------|---------|---------|---------|
| Bandwidth                          | Modulation | RB size | RB offset | Target MPR | Channel | Channel | Channel |
|                                    |            |         |           |            | 20425   | 20525   | 20625   |
| 5MHz                               | QPSK       | 1       | 0         | 0          | 22.91   | 23.18   | 23.71   |
|                                    |            |         | 13        | 0          | 22.89   | 23.02   | 23.48   |
|                                    |            |         | 24        | 0          | 22.68   | 23.06   | 23.42   |
|                                    |            | 12      | 0         | 1          | 21.87   | 21.80   | 22.49   |
|                                    |            |         | 6         | 1          | 21.92   | 21.84   | 22.49   |
|                                    |            |         | 13        | 1          | 21.72   | 22.02   | 22.25   |
|                                    |            | 25      | 0         | 1          | 21.85   | 21.90   | 22.38   |
|                                    | 16QAM      | 1       | 0         | 1          | 21.85   | 21.65   | 22.57   |
|                                    |            |         | 13        | 1          | 21.86   | 22.00   | 22.64   |
|                                    |            |         | 24        | 1          | 21.65   | 22.07   | 22.55   |
|                                    |            | 12      | 0         | 2          | 20.85   | 20.81   | 21.47   |
|                                    |            |         | 6         | 2          | 20.85   | 20.79   | 21.48   |
|                                    |            |         | 13        | 2          | 20.68   | 20.99   | 21.31   |
|                                    |            | 25      | 0         | 2          | 20.85   | 20.91   | 21.38   |
| Bandwidth                          | Modulation | RB size | RB offset | Target MPR | Channel | Channel | Channel |
|                                    |            |         |           |            | 20450   | 20525   | 20600   |
| 10MHz                              | QPSK       | 1       | 0         | 0          | 22.91   | 22.96   | 23.66   |
|                                    |            |         | 25        | 0          | 22.70   | 23.11   | 23.53   |
|                                    |            |         | 49        | 0          | 22.60   | 23.29   | 23.47   |
|                                    |            | 25      | 0         | 1          | 21.86   | 21.76   | 22.41   |
|                                    |            |         | 13        | 1          | 21.89   | 21.77   | 22.39   |
|                                    |            |         | 25        | 1          | 21.64   | 22.17   | 22.41   |
|                                    |            | 50      | 0         | 1          | 21.74   | 21.92   | 22.39   |
|                                    | 16QAM      | 1       | 0         | 1          | 21.99   | 21.70   | 22.12   |
|                                    |            |         | 25        | 1          | 21.76   | 22.19   | 22.46   |
|                                    |            |         | 49        | 1          | 21.73   | 22.48   | 22.38   |
|                                    |            | 25      | 0         | 2          | 20.83   | 20.79   | 21.45   |
|                                    |            |         | 13        | 2          | 20.88   | 20.78   | 21.47   |
|                                    |            |         | 25        | 2          | 20.60   | 21.22   | 21.44   |
|                                    |            | 50      | 0         | 2          | 20.68   | 20.94   | 21.38   |

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.



| Conducted Power of LTE Band 12(dBm) |            |         |           |            |              |         |         |
|-------------------------------------|------------|---------|-----------|------------|--------------|---------|---------|
| Bandwidth                           | Modulation | RB size | RB offset | Target MPR | Channel      | Channel | Channel |
|                                     |            |         |           |            | 23017        | 23095   | 23173   |
| 1.4MHz                              | QPSK       | 1       | 0         | 0          | 23.28        | 23.28   | 22.46   |
|                                     |            |         | 3         | 0          | <b>23.31</b> | 23.20   | 22.52   |
|                                     |            |         | 5         | 0          | 22.96        | 23.08   | 22.32   |
|                                     |            | 3       | 0         | 0          | 22.92        | 23.17   | 22.50   |
|                                     |            |         | 2         | 0          | 22.89        | 23.19   | 22.51   |
|                                     |            |         | 3         | 0          | 22.87        | 23.21   | 22.43   |
|                                     |            | 6       | 0         | 1          | 21.95        | 22.11   | 21.49   |
|                                     | 16QAM      | 1       | 0         | 1          | 22.56        | 22.39   | 21.57   |
|                                     |            |         | 3         | 1          | 22.30        | 22.56   | 21.67   |
|                                     |            |         | 5         | 1          | 22.12        | 22.41   | 21.49   |
|                                     |            | 3       | 0         | 1          | 21.96        | 22.17   | 21.42   |
|                                     |            |         | 2         | 1          | 21.82        | 22.17   | 21.42   |
|                                     |            |         | 3         | 1          | 21.83        | 22.11   | 21.32   |
|                                     |            | 6       | 0         | 2          | 20.98        | 21.12   | 20.52   |
| Bandwidth                           | Modulation | RB size | RB offset | Target MPR | Channel      | Channel | Channel |
|                                     |            |         |           |            | 23025        | 23095   | 23165   |
| 3MHz                                | QPSK       | 1       | 0         | 0          | 22.83        | 23.11   | 22.62   |
|                                     |            |         | 7         | 0          | 22.91        | 23.13   | 22.40   |
|                                     |            |         | 14        | 0          | 22.96        | 23.06   | 22.25   |
|                                     |            | 8       | 0         | 1          | 21.88        | 22.10   | 21.66   |
|                                     |            |         | 4         | 1          | 21.90        | 22.11   | 21.64   |
|                                     |            |         | 7         | 1          | 22.03        | 22.09   | 21.43   |
|                                     |            | 15      | 0         | 1          | 21.90        | 22.15   | 21.48   |
|                                     | 16QAM      | 1       | 0         | 1          | 22.05        | 22.49   | 21.58   |
|                                     |            |         | 7         | 1          | 22.07        | 22.40   | 21.40   |
|                                     |            |         | 14        | 1          | 22.13        | 22.29   | 21.26   |
|                                     |            | 8       | 0         | 2          | 20.91        | 21.18   | 20.59   |
|                                     |            |         | 4         | 2          | 20.93        | 21.21   | 20.64   |
|                                     |            |         | 7         | 2          | 20.97        | 21.18   | 20.40   |
|                                     |            | 15      | 0         | 2          | 20.90        | 21.11   | 20.40   |

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.



| Conducted Power of LTE Band 12(dBm) |            |         |           |            |         |         |         |
|-------------------------------------|------------|---------|-----------|------------|---------|---------|---------|
| Bandwidth                           | Modulation | RB size | RB offset | Target MPR | Channel | Channel | Channel |
|                                     |            |         |           |            | 23035   | 23095   | 23155   |
| 5MHz                                | QPSK       | 1       | 0         | 0          | 22.80   | 23.01   | 22.86   |
|                                     |            |         | 13        | 0          | 23.04   | 23.22   | 22.66   |
|                                     |            |         | 24        | 0          | 22.97   | 23.04   | 22.29   |
|                                     |            | 12      | 0         | 1          | 21.98   | 22.19   | 21.83   |
|                                     |            |         | 6         | 1          | 21.97   | 22.16   | 21.82   |
|                                     |            |         | 13        | 1          | 21.95   | 22.29   | 21.37   |
|                                     |            | 25      | 0         | 1          | 21.94   | 22.24   | 21.69   |
|                                     | 16QAM      | 1       | 0         | 1          | 21.89   | 22.31   | 21.95   |
|                                     |            |         | 13        | 1          | 22.09   | 22.58   | 21.67   |
|                                     |            |         | 24        | 1          | 22.02   | 22.41   | 21.32   |
|                                     |            | 12      | 0         | 2          | 20.91   | 21.24   | 20.91   |
|                                     |            |         | 6         | 2          | 20.86   | 21.25   | 20.86   |
|                                     |            |         | 13        | 2          | 20.86   | 21.37   | 20.37   |
|                                     |            | 25      | 0         | 2          | 20.99   | 21.22   | 20.69   |
| Bandwidth                           | Modulation | RB size | RB offset | Target MPR | Channel | Channel | Channel |
|                                     |            |         |           |            | 23060   | 23095   | 23130   |
| 10MHz                               | QPSK       | 1       | 0         | 0          | 22.84   | 22.99   | 23.16   |
|                                     |            |         | 25        | 0          | 23.15   | 23.20   | 23.14   |
|                                     |            |         | 49        | 0          | 23.13   | 22.88   | 22.35   |
|                                     |            | 25      | 0         | 1          | 22.20   | 22.32   | 22.02   |
|                                     |            |         | 13        | 1          | 22.21   | 22.30   | 22.06   |
|                                     |            |         | 25        | 1          | 22.23   | 22.37   | 21.58   |
|                                     |            | 50      | 0         | 1          | 22.25   | 22.32   | 21.77   |
|                                     | 16QAM      | 1       | 0         | 1          | 22.03   | 22.20   | 22.08   |
|                                     |            |         | 25        | 1          | 22.36   | 22.51   | 22.03   |
|                                     |            |         | 49        | 1          | 22.41   | 22.07   | 21.30   |
|                                     |            | 25      | 0         | 2          | 21.18   | 21.33   | 21.11   |
|                                     |            |         | 13        | 2          | 21.21   | 21.37   | 21.11   |
|                                     |            |         | 25        | 2          | 21.25   | 21.40   | 20.58   |
|                                     |            | 50      | 0         | 2          | 21.22   | 21.34   | 20.77   |

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.



| Conducted Power of LTE Band 13(dBm) |            |         |           |            |         |         |              |
|-------------------------------------|------------|---------|-----------|------------|---------|---------|--------------|
| Bandwidth                           | Modulation | RB size | RB offset | Target MPR | Channel | Channel | Channel      |
|                                     |            |         |           |            | 23205   | 23230   | 23255        |
| 5MHz                                | QPSK       | 1       | 0         | 0          | 22.97   | 22.75   | 23.04        |
|                                     |            |         | 13        | 0          | 22.89   | 23.12   | 23.34        |
|                                     |            |         | 24        | 0          | 23.01   | 23.25   | <b>23.35</b> |
|                                     |            | 12      | 0         | 1          | 21.61   | 21.87   | 22.14        |
|                                     |            |         | 6         | 1          | 21.60   | 21.86   | 22.11        |
|                                     |            |         | 13        | 1          | 21.91   | 22.19   | 22.26        |
|                                     |            | 25      | 0         | 1          | 21.79   | 22.00   | 22.17        |
|                                     | 16QAM      | 1       | 0         | 1          | 21.62   | 21.77   | 21.96        |
|                                     |            |         | 13        | 1          | 22.01   | 22.16   | 22.27        |
|                                     |            |         | 24        | 1          | 22.16   | 22.14   | 22.28        |
|                                     |            | 12      | 0         | 2          | 20.68   | 20.93   | 21.05        |
|                                     |            |         | 6         | 2          | 20.64   | 20.91   | 21.01        |
|                                     |            |         | 13        | 2          | 20.98   | 21.14   | 21.15        |
|                                     |            | 25      | 0         | 2          | 20.80   | 21.11   | 21.16        |
| Bandwidth                           | Modulation | RB size | RB offset | Target MPR | Channel |         |              |
|                                     |            |         |           |            | 23230   |         |              |
| 10MHz                               | QPSK       | 1       | 0         | 0          | 22.51   |         |              |
|                                     |            |         | 25        | 0          | 23.13   |         |              |
|                                     |            |         | 49        | 0          | 23.34   |         |              |
|                                     |            | 25      | 0         | 1          | 21.77   |         |              |
|                                     |            |         | 13        | 1          | 21.77   |         |              |
|                                     |            |         | 25        | 1          | 22.23   |         |              |
|                                     |            | 50      | 0         | 1          | 22.01   |         |              |
|                                     | 16QAM      | 1       | 0         | 1          | 21.66   |         |              |
|                                     |            |         | 25        | 1          | 22.26   |         |              |
|                                     |            |         | 49        | 1          | 22.46   |         |              |
|                                     |            | 25      | 0         | 2          | 20.81   |         |              |
|                                     |            |         | 13        | 2          | 20.84   |         |              |
|                                     |            |         | 25        | 2          | 21.14   |         |              |
|                                     |            | 50      | 0         | 2          | 20.98   |         |              |

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



| Conducted Power of LTE Band 17(dBm) |            |         |           |            |         |         |         |
|-------------------------------------|------------|---------|-----------|------------|---------|---------|---------|
| Bandwidth                           | Modulation | RB size | RB offset | Target MPR | Channel | Channel | Channel |
|                                     |            |         |           |            | 23755   | 23790   | 23825   |
| 5MHz                                | QPSK       | 1       | 0         | 0          | 23.76   | 23.37   | 23.08   |
|                                     |            |         | 13        | 0          | 23.46   | 23.42   | 22.95   |
|                                     |            |         | 24        | 0          | 23.37   | 23.02   | 22.49   |
|                                     |            | 12      | 0         | 1          | 22.50   | 22.33   | 22.11   |
|                                     |            |         | 6         | 1          | 22.49   | 22.39   | 22.13   |
|                                     |            |         | 13        | 1          | 22.59   | 22.27   | 21.69   |
|                                     |            | 25      | 0         | 1          | 22.53   | 22.32   | 21.90   |
|                                     | 16QAM      | 1       | 0         | 1          | 22.51   | 22.52   | 22.16   |
|                                     |            |         | 13        | 1          | 22.85   | 22.52   | 22.00   |
|                                     |            |         | 24        | 1          | 22.77   | 22.06   | 21.52   |
|                                     |            | 12      | 0         | 2          | 21.53   | 21.41   | 21.08   |
|                                     |            |         | 6         | 2          | 21.50   | 21.42   | 21.13   |
|                                     |            |         | 13        | 2          | 21.66   | 21.31   | 20.64   |
|                                     |            | 25      | 0         | 2          | 21.60   | 21.38   | 20.94   |
| Bandwidth                           | Modulation | RB size | RB offset | Target MPR | Channel | Channel | Channel |
|                                     |            |         |           |            | 23780   | 23790   | 23800   |
| 10MHz                               | QPSK       | 1       | 0         | 0          | 23.29   | 23.23   | 23.40   |
|                                     |            |         | 25        | 0          | 23.54   | 23.36   | 23.31   |
|                                     |            |         | 49        | 0          | 22.87   | 22.70   | 22.58   |
|                                     |            | 25      | 0         | 1          | 22.53   | 22.40   | 22.30   |
|                                     |            |         | 13        | 1          | 22.51   | 22.40   | 22.32   |
|                                     |            |         | 25        | 1          | 22.34   | 22.10   | 21.87   |
|                                     |            | 50      | 0         | 1          | 22.43   | 22.21   | 22.11   |
|                                     | 16QAM      | 1       | 0         | 1          | 22.55   | 22.61   | 22.40   |
|                                     |            |         | 25        | 1          | 22.89   | 22.69   | 22.32   |
|                                     |            |         | 49        | 1          | 22.07   | 21.85   | 21.55   |
|                                     |            | 25      | 0         | 2          | 21.52   | 21.47   | 21.35   |
|                                     |            |         | 13        | 2          | 21.58   | 21.43   | 21.34   |
|                                     |            |         | 25        | 2          | 21.32   | 21.11   | 20.89   |
|                                     |            | 50      | 0         | 2          | 21.40   | 21.24   | 21.15   |

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.



| Conducted Power of LTE Band 25(dBm) |            |         |           |            |         |         |         |
|-------------------------------------|------------|---------|-----------|------------|---------|---------|---------|
| Bandwidth                           | Modulation | RB size | RB offset | Target MPR | Channel | Channel | Channel |
|                                     |            |         |           |            | 26047   | 26365   | 26683   |
| 1.4MHz                              | QPSK       | 1       | 0         | 0          | 22.95   | 22.65   | 22.15   |
|                                     |            |         | 2         | 0          | 22.78   | 22.65   | 22.28   |
|                                     |            |         | 5         | 0          | 22.47   | 22.63   | 22.16   |
|                                     |            | 3       | 0         | 0          | 22.48   | 22.63   | 22.18   |
|                                     |            |         | 1         | 0          | 22.51   | 22.64   | 22.19   |
|                                     |            |         | 3         | 0          | 22.49   | 22.66   | 22.25   |
|                                     |            | 6       | 0         | 1          | 21.56   | 21.71   | 21.26   |
|                                     | 16QAM      | 1       | 0         | 1          | 22.01   | 21.47   | 21.16   |
|                                     |            |         | 2         | 1          | 21.71   | 21.55   | 21.47   |
|                                     |            |         | 5         | 1          | 21.49   | 21.45   | 21.22   |
|                                     |            | 3       | 0         | 1          | 21.32   | 21.44   | 21.03   |
|                                     |            |         | 1         | 1          | 21.32   | 21.41   | 21.03   |
|                                     |            |         | 3         | 1          | 21.33   | 21.38   | 21.01   |
|                                     |            | 6       | 0         | 2          | 20.41   | 20.64   | 20.24   |
| Bandwidth                           | Modulation | RB size | RB offset | Target MPR | Channel | Channel | Channel |
|                                     |            |         |           |            | 26055   | 26365   | 26675   |
| 3MHz                                | QPSK       | 1       | 0         | 0          | 22.44   | 22.89   | 22.26   |
|                                     |            |         | 8         | 0          | 22.45   | 22.61   | 22.15   |
|                                     |            |         | 14        | 0          | 22.42   | 22.57   | 22.17   |
|                                     |            | 8       | 0         | 1          | 21.40   | 21.65   | 21.13   |
|                                     |            |         | 4         | 1          | 21.45   | 21.67   | 21.14   |
|                                     |            |         | 7         | 1          | 21.46   | 21.65   | 21.16   |
|                                     |            | 15      | 0         | 1          | 21.36   | 21.56   | 21.06   |
|                                     | 16QAM      | 1       | 0         | 1          | 21.60   | 21.79   | 21.05   |
|                                     |            |         | 8         | 1          | 21.54   | 21.67   | 21.06   |
|                                     |            |         | 14        | 1          | 21.51   | 21.63   | 21.10   |
|                                     |            | 8       | 0         | 2          | 20.45   | 20.64   | 20.08   |
|                                     |            |         | 4         | 2          | 20.42   | 20.62   | 20.09   |
|                                     |            |         | 7         | 2          | 20.43   | 20.54   | 20.12   |
|                                     |            | 15      | 0         | 2          | 20.32   | 20.40   | 19.98   |

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.



| Conducted Power of LTE Band 25(dBm) |            |         |           |            |         |         |         |
|-------------------------------------|------------|---------|-----------|------------|---------|---------|---------|
| Bandwidth                           | Modulation | RB size | RB offset | Target MPR | Channel | Channel | Channel |
|                                     |            |         |           |            | 26065   | 26365   | 26665   |
| 5MHz                                | QPSK       | 1       | 0         | 0          | 22.42   | 22.99   | 22.39   |
|                                     |            |         | 12        | 0          | 22.51   | 22.68   | 22.22   |
|                                     |            |         | 24        | 0          | 22.40   | 22.53   | 22.16   |
|                                     |            | 12      | 0         | 1          | 21.42   | 21.65   | 21.10   |
|                                     |            |         | 6         | 1          | 21.42   | 21.66   | 21.08   |
|                                     |            |         | 13        | 1          | 21.40   | 21.56   | 21.12   |
|                                     |            | 25      | 0         | 1          | 21.42   | 21.65   | 21.10   |
|                                     | 16QAM      | 1       | 0         | 1          | 21.35   | 21.85   | 21.06   |
|                                     |            |         | 12        | 1          | 21.45   | 21.83   | 21.19   |
|                                     |            |         | 24        | 1          | 21.36   | 21.67   | 21.14   |
|                                     |            | 12      | 0         | 2          | 20.32   | 20.63   | 20.03   |
|                                     |            |         | 6         | 2          | 20.33   | 20.64   | 20.05   |
|                                     |            |         | 13        | 2          | 20.30   | 20.65   | 20.11   |
|                                     |            | 25      | 0         | 2          | 20.41   | 20.65   | 20.07   |
| Bandwidth                           | Modulation | RB size | RB offset | Target MPR | Channel | Channel | Channel |
|                                     |            |         |           |            | 26090   | 26365   | 26640   |
| 10MHz                               | QPSK       | 1       | 0         | 0          | 22.42   | 22.91   | 22.35   |
|                                     |            |         | 24        | 0          | 22.51   | 22.61   | 22.17   |
|                                     |            |         | 49        | 0          | 22.52   | 22.45   | 22.16   |
|                                     |            | 25      | 0         | 1          | 21.44   | 21.76   | 21.12   |
|                                     |            |         | 12        | 1          | 21.44   | 21.74   | 21.10   |
|                                     |            |         | 25        | 1          | 21.51   | 21.71   | 21.17   |
|                                     |            | 50      | 0         | 1          | 21.46   | 21.66   | 21.13   |
|                                     | 16QAM      | 1       | 0         | 1          | 21.53   | 21.90   | 20.94   |
|                                     |            |         | 24        | 1          | 21.71   | 21.83   | 21.11   |
|                                     |            |         | 49        | 1          | 21.57   | 21.54   | 21.07   |
|                                     |            | 25      | 0         | 2          | 20.37   | 20.74   | 20.07   |
|                                     |            |         | 12        | 2          | 20.40   | 20.70   | 20.09   |
|                                     |            |         | 25        | 2          | 20.44   | 20.58   | 20.12   |
|                                     |            | 50      | 0         | 2          | 20.36   | 20.64   | 20.03   |

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.



| Conducted Power of LTE Band 25(dBm) |            |         |           |            |         |         |         |
|-------------------------------------|------------|---------|-----------|------------|---------|---------|---------|
| Bandwidth                           | Modulation | RB size | RB offset | Target MPR | Channel | Channel | Channel |
|                                     |            |         |           |            | 26115   | 26365   | 26615   |
| 15MHz                               | QPSK       | 1       | 0         | 0          | 22.56   | 22.99   | 22.51   |
|                                     |            |         | 38        | 0          | 22.48   | 22.64   | 22.08   |
|                                     |            |         | 74        | 0          | 22.79   | 22.30   | 22.08   |
|                                     |            | 38      | 0         | 1          | 21.65   | 21.73   | 21.17   |
|                                     |            |         | 18        | 1          | 21.64   | 21.72   | 21.14   |
|                                     |            |         | 37        | 1          | 21.61   | 21.71   | 21.15   |
|                                     |            | 75      | 0         | 1          | 21.60   | 21.75   | 21.13   |
|                                     | 16QAM      | 1       | 0         | 1          | 21.46   | 22.11   | 20.91   |
|                                     |            |         | 38        | 1          | 21.63   | 21.85   | 20.94   |
|                                     |            |         | 74        | 1          | 21.95   | 21.53   | 20.97   |
|                                     |            | 38      | 0         | 2          | 21.63   | 21.74   | 21.19   |
|                                     |            |         | 18        | 2          | 21.63   | 21.74   | 21.16   |
|                                     |            |         | 37        | 2          | 21.59   | 21.71   | 21.13   |
|                                     |            | 75      | 0         | 2          | 20.51   | 20.67   | 20.09   |
| Bandwidth                           | Modulation | RB size | RB offset | Target MPR | Channel | Channel | Channel |
|                                     |            |         |           |            | 26140   | 26365   | 26590   |
| 20MHz                               | QPSK       | 1       | 0         | 0          | 22.48   | 23.25   | 22.19   |
|                                     |            |         | 49        | 0          | 22.68   | 22.79   | 22.14   |
|                                     |            |         | 99        | 0          | 22.98   | 22.16   | 21.81   |
|                                     |            | 50      | 0         | 1          | 21.40   | 21.76   | 21.09   |
|                                     |            |         | 25        | 1          | 21.37   | 21.77   | 21.09   |
|                                     |            |         | 50        | 1          | 21.96   | 21.46   | 21.02   |
|                                     |            | 100     | 0         | 1          | 21.69   | 21.66   | 21.04   |
|                                     | 16QAM      | 1       | 0         | 1          | 21.25   | 21.96   | 20.93   |
|                                     |            |         | 49        | 1          | 21.71   | 21.95   | 21.11   |
|                                     |            |         | 99        | 1          | 21.89   | 21.27   | 20.90   |
|                                     |            | 50      | 0         | 2          | 20.32   | 20.76   | 20.08   |
|                                     |            |         | 25        | 2          | 20.33   | 20.75   | 20.10   |
|                                     |            |         | 50        | 2          | 20.86   | 20.42   | 19.98   |
|                                     |            | 100     | 0         | 2          | 20.56   | 20.64   | 19.99   |

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.



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

UE Power Class: 3 (23 +/- 2dBm). The allowed Maximum Power Reduction (MPR) for the maximum output power due to higher order modulation and transmit bandwidth configuration (resource blocks) is specified in Table 6.2.3.3-1 of the 3GPP TS36.101.

**Table 6.2.3.3-1 Maximum Power Reduction (MPR) for Power class3**

| Modulation | Maximum Power Reduction (MPR) for Power[RB] |      |      |       |       |       | MPR(dB) |
|------------|---------------------------------------------|------|------|-------|-------|-------|---------|
|            | 1.4MHz                                      | 3MHz | 5MHz | 10MHz | 15MHz | 20MHz |         |
| QPSK       | > 5                                         | > 4  | > 8  | > 12  | > 16  | > 18  | ≤ 1     |
| 16QAM      | ≤ 5                                         | ≤ 4  | ≤ 8  | ≤ 12  | ≤ 16  | ≤ 18  | ≤ 1     |
| 16QAM      | > 5                                         | > 4  | > 8  | > 12  | > 16  | > 18  | ≤ 2     |

The allowed A-MPR values specified below in Table 6.2.4.3-1 of 3GPP TS36.101 are in addition to the allowed MPR requirements. All the measurements below were performed with A-MPR disabled, by using Network Signaling Value of "NS\_01".3

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Table 6.2.4.3-1: Additional Maximum Power Reduction (A-MPR) / Spectrum Emission requirements**

| Network Signaling value | Requirements (sub-clause)  | E-UTRA Band          | Channel bandwidth (MHz) | Resources Blocks ( $N_{RB}$ )                           | A-MPR (dB)                           |
|-------------------------|----------------------------|----------------------|-------------------------|---------------------------------------------------------|--------------------------------------|
| NS_01                   | 6.6.2.1.1                  | Table 5.2-1          | 1.4,3,5,10,15,20        | Table 5.4.2-1                                           | N/A                                  |
| NS_03                   | 6.6.2.2.3.1                | 2,4,10, 23, 25,35,36 | 3                       | >5                                                      | $\leq 1$                             |
|                         |                            |                      | 5                       | >6                                                      | $\leq 1$                             |
|                         |                            |                      | 10                      | >6                                                      | $\leq 1$                             |
|                         |                            |                      | 15                      | >8                                                      | $\leq 1$                             |
|                         |                            |                      | 20                      | >10                                                     | $\leq 1$                             |
| NS_04                   | 6.6.2.2.3.2                | 41                   | 5                       | >6                                                      | $\leq 1$                             |
|                         |                            |                      | 10, 15, 20              | Table 6.2.4.3-4                                         |                                      |
| NS_05                   | 6.6.3.3.3.1                | 1                    | 10,15,20                | $\geq 50$                                               | $\leq 1$                             |
| NS_06                   | 6.6.2.2.3.3                | 12, 13, 14, 17       | 1.4, 3, 5, 10           | Table 5.4.2-1                                           | N/A                                  |
| NS_07                   | 6.6.2.2.3.3<br>6.6.3.3.3.2 | 13                   | 10                      | Table 6.2.4.3-2                                         | Table 6.2.4.3-2                      |
| NS_08                   | 6.6.3.3.3.3                | 19                   | 10, 15                  | > 44                                                    | $\leq 3$                             |
| NS_09                   | 6.6.3.3.3.4                | 21                   | 10, 15                  | > 40                                                    | $\leq 1$                             |
|                         |                            |                      |                         | > 55                                                    | $\leq 2$                             |
| NS_10                   |                            | 20                   | 15, 20                  | Table 6.2.4.3-3                                         | Table 6.2.4.3-3                      |
| NS_11                   | 6.6.2.2.1<br>6.6.3.3.13    | 231                  | 1.4, 3, 5, 10,15,20     | Table 6.2.4.3-5                                         | Table 6.2.4.3-5                      |
| NS_12                   | 6.6.3.3.5                  | 26                   | 1.4, 3, 5               | Table 6.2.4.3-6                                         | Table 6.2.4.3-6                      |
| NS_13                   | 6.6.3.3.6                  | 26                   | 5                       | Table 6.2.4.3-7                                         | Table 6.2.4.3-7                      |
| NS_14                   | 6.6.3.3.7                  | 26                   | 10, 15                  | Table 6.2.4.3-8                                         | Table 6.2.4.3-8                      |
| NS_15                   | 6.6.3.3.8                  | 26                   | 1.4, 3, 5, 10, 15       | Table 6.2.4.3-9<br>Table 6.2.4.3-10                     | Table 6.2.4.3-9,<br>Table 6.2.4.3-10 |
| NS_16                   | 6.6.3.3.9                  | 27                   | 3, 5, 10                | Table 6.2.4.3-11, Table 6.2.4.3-12,<br>Table 6.2.4.3-13 |                                      |
| NS_17                   | 6.6.3.3.10                 | 28                   | 5, 10                   | Table 5.4.2-1                                           | N/A                                  |
|                         | 6.6.3.3.11                 | 28                   | 5                       | $\geq 2$                                                | $\leq 1$                             |
| NS_18                   |                            |                      | 10, 15, 20              | $\geq 1$                                                | $\leq 4$                             |
| NS_19                   |                            |                      | 10, 15, 20              | Table 6.2.4.3-15                                        | Table 6.2.4.3-15                     |
| NS_20                   |                            |                      | 5, 10, 15, 20           | Table 6.2.4.3-14                                        | Table 6.2.4.3-14                     |
| ...                     |                            |                      |                         |                                                         |                                      |
| NS_20                   | -                          | -                    | -                       | -                                                       | -                                    |

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.



**WIFI**

| Mode        | Data Rate (Mbps) | Channel | Frequency(MHz) | Avg. Burst Power(dBm) |
|-------------|------------------|---------|----------------|-----------------------|
| 802.11b     | 1                | 01      | 2412           | 16.59                 |
|             |                  | 06      | 2437           | 16.59                 |
|             |                  | 11      | 2462           | <b>16.74</b>          |
| 802.11g     | 6                | 01      | 2412           | 14.52                 |
|             |                  | 06      | 2437           | 14.73                 |
|             |                  | 11      | 2462           | 14.72                 |
| 802.11n(20) | 6.5              | 01      | 2412           | 14.36                 |
|             |                  | 06      | 2437           | 14.65                 |
|             |                  | 11      | 2462           | 14.41                 |
| 802.11n(40) | 13.5             | 03      | 2422           | 12.39                 |
|             |                  | 06      | 2437           | 13.91                 |
|             |                  | 09      | 2452           | 12.55                 |

**Bluetooth\_V5.0(BR/EDR)**

| Modulation     | Channel | Frequency(MHz) | Peak Power (dBm) |
|----------------|---------|----------------|------------------|
| GFSK           | 0       | 2402           | 9.181            |
|                | 39      | 2441           | 9.533            |
|                | 78      | 2480           | <b>9.667</b>     |
| $\pi/4$ -DQPSK | 0       | 2402           | 9.363            |
|                | 39      | 2441           | 9.631            |
|                | 78      | 2480           | 9.321            |
| 8-DPSK         | 0       | 2402           | 9.434            |
|                | 39      | 2441           | 9.617            |
|                | 78      | 2480           | 9.330            |

**Bluetooth\_V5.0(BLE)**

| Modulation | Channel | Frequency(MHz) | Peak Power (dBm) |
|------------|---------|----------------|------------------|
| GFSK 1M    | 0       | 2402           | -4.074           |
|            | 19      | 2440           | <b>-3.736</b>    |
|            | 39      | 2480           | -3.811           |
| GFSK 2M    | 0       | 2402           | -4.212           |
|            | 19      | 2440           | -3.898           |
|            | 39      | 2480           | -3.900           |

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.



## 5GHz WIFI

| Mode            | channel | Frequency | Power(dBm)     |             |             |             |             |             |             |             |
|-----------------|---------|-----------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|                 |         |           | Data Rate(bps) |             |             |             |             |             |             |             |
|                 |         |           | 6M             | 9M          | 12M         | 18M         | 24M         | 36M         | 48M         | 54M         |
| 802.11a         | 36      | 5180      | 12.28          | 12.13       | 12.06       | 11.92       | 11.82       | 11.79       | 11.61       | 11.52       |
|                 | 40      | 5200      | 12.13          | 12.00       | 11.87       | 11.87       | 11.70       | 11.65       | 11.44       | 11.40       |
|                 | 44      | 5220      | 12.05          | 11.95       | 11.77       | 11.74       | 11.63       | 11.44       | 11.37       | 11.30       |
|                 | 48      | 5240      | 11.90          | 11.78       | 11.63       | 11.51       | 11.46       | 11.31       | 11.27       | 11.13       |
|                 | 52      | 5260      | 12.37          | 12.28       | 12.14       | 12.05       | 11.93       | 11.88       | 11.70       | 11.65       |
|                 | 56      | 5280      | 12.64          | 12.54       | 12.42       | 12.23       | 12.18       | 12.15       | 11.96       | 11.90       |
|                 | 60      | 5300      | 12.97          | 12.81       | 12.73       | 12.62       | 12.50       | 12.34       | 12.32       | 12.21       |
|                 | 64      | 5320      | 13.22          | 13.09       | 13.01       | 12.96       | 12.75       | 12.67       | 12.53       | 12.47       |
|                 | 149     | 5745      | 13.10          | 12.95       | 12.85       | 12.75       | 12.64       | 12.52       | 12.42       | 12.38       |
|                 | 157     | 5785      | <b>13.68</b>   | 13.56       | 13.41       | 13.28       | 13.28       | 13.16       | 13.03       | 12.95       |
|                 | 165     | 5825      | 13.42          | 13.28       | 13.19       | 13.05       | 12.93       | 12.85       | 12.78       | 12.67       |
|                 |         |           | <b>MCS0</b>    | <b>MCS1</b> | <b>MCS2</b> | <b>MCS3</b> | <b>MCS4</b> | <b>MCS5</b> | <b>MCS6</b> | <b>MCS7</b> |
| 802.11n<br>(20) | 36      | 5180      | 12.74          | 12.59       | 12.51       | 12.43       | 12.28       | 12.19       | 12.08       | 11.98       |
|                 | 40      | 5200      | 12.60          | 12.47       | 12.35       | 12.28       | 12.17       | 12.08       | 11.95       | 11.87       |
|                 | 44      | 5220      | 12.47          | 12.37       | 12.14       | 12.12       | 12.05       | 11.90       | 11.74       | 11.72       |
|                 | 48      | 5240      | 12.31          | 12.19       | 12.02       | 11.97       | 11.87       | 11.78       | 11.62       | 11.54       |
|                 | 52      | 5260      | 12.20          | 12.11       | 11.98       | 11.84       | 11.76       | 11.65       | 11.53       | 11.48       |
|                 | 56      | 5280      | 12.15          | 12.05       | 11.95       | 11.78       | 11.69       | 11.63       | 11.42       | 11.41       |
|                 | 60      | 5300      | 12.84          | 12.68       | 12.66       | 12.51       | 12.37       | 12.25       | 12.16       | 12.08       |
|                 | 64      | 5320      | 13.05          | 12.92       | 12.85       | 12.73       | 12.58       | 12.48       | 12.35       | 12.30       |
|                 | 149     | 5745      | 13.13          | 12.98       | 12.89       | 12.78       | 12.67       | 12.55       | 12.44       | 12.41       |
|                 | 157     | 5785      | 13.49          | 13.37       | 13.25       | 13.10       | 13.09       | 12.97       | 12.87       | 12.76       |
|                 | 165     | 5825      | 13.30          | 13.16       | 13.08       | 12.94       | 12.81       | 12.73       | 12.64       | 12.55       |
|                 |         |           | <b>MCS0</b>    | <b>MCS1</b> | <b>MCS2</b> | <b>MCS3</b> | <b>MCS4</b> | <b>MCS5</b> | <b>MCS6</b> | <b>MCS7</b> |
| 802.11n<br>(40) | 38      | 5190      | 11.97          | 11.82       | 11.75       | 11.66       | 11.54       | 11.42       | 11.34       | 11.21       |
|                 | 46      | 5230      | 11.38          | 11.25       | 11.12       | 11.06       | 10.95       | 10.86       | 10.65       | 10.65       |
|                 | 54      | 5270      | 11.67          | 11.57       | 11.39       | 11.32       | 11.28       | 11.10       | 10.91       | 10.92       |
|                 | 62      | 5310      | 11.08          | 10.96       | 10.81       | 10.74       | 10.64       | 10.55       | 10.45       | 10.31       |
|                 | 151     | 5755      | 12.31          | 12.22       | 12.08       | 11.95       | 11.82       | 11.76       | 11.68       | 11.59       |
|                 | 159     | 5795      | 13.50          | 13.40       | 13.28       | 13.13       | 13.06       | 12.98       | 12.86       | 12.76       |

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



| Mode             | channel | Frequency | Power(dBm)     |       |       |       |       |       |       |       |
|------------------|---------|-----------|----------------|-------|-------|-------|-------|-------|-------|-------|
|                  |         |           | Data Rate(bps) |       |       |       |       |       |       |       |
|                  |         |           | MCS0           | MCS1  | MCS2  | MCS3  | MCS4  | MCS5  | MCS6  | MCS7  |
| 802.11ac<br>(20) | 36      | 5180      | 11.89          | 11.74 | 11.63 | 11.58 | 11.43 | 11.35 | 11.22 | 11.13 |
|                  | 40      | 5200      | 11.50          | 11.37 | 11.25 | 11.18 | 11.07 | 10.94 | 10.81 | 10.77 |
|                  | 44      | 5220      | 11.39          | 11.29 | 11.14 | 11.04 | 10.97 | 10.85 | 10.71 | 10.64 |
|                  | 48      | 5240      | 11.10          | 10.98 | 10.82 | 10.76 | 10.66 | 10.56 | 10.47 | 10.33 |
|                  | 52      | 5260      | 10.19          | 10.10 | 9.98  | 9.83  | 9.75  | 9.65  | 9.52  | 9.47  |
|                  | 56      | 5280      | 10.57          | 10.47 | 10.35 | 10.20 | 10.11 | 10.07 | 9.89  | 9.83  |
|                  | 60      | 5300      | 10.84          | 10.68 | 10.66 | 10.51 | 10.37 | 10.24 | 10.19 | 10.08 |
|                  | 64      | 5320      | 10.94          | 10.81 | 10.74 | 10.62 | 10.47 | 10.35 | 10.25 | 10.19 |
|                  | 149     | 5745      | 11.11          | 10.96 | 10.81 | 10.76 | 10.65 | 10.57 | 10.43 | 10.39 |
|                  | 157     | 5785      | 11.50          | 11.38 | 11.27 | 11.11 | 11.10 | 10.91 | 10.85 | 10.77 |
|                  | 165     | 5825      | 11.35          | 11.21 | 11.15 | 10.99 | 10.86 | 10.78 | 10.71 | 10.60 |
|                  |         |           | MCS0           | MCS1  | MCS2  | MCS3  | MCS4  | MCS5  | MCS6  | MCS7  |
| 802.11ac<br>(40) | 38      | 5190      | 11.85          | 11.74 | 11.63 | 11.56 | 11.39 | 11.35 | 11.18 | 11.09 |
|                  | 46      | 5230      | 11.31          | 11.11 | 11.05 | 10.95 | 10.88 | 10.72 | 10.62 | 10.58 |
|                  | 54      | 5270      | 10.66          | 10.55 | 10.38 | 10.32 | 10.24 | 10.05 | 9.98  | 9.91  |
|                  | 62      | 5310      | 11.16          | 11.02 | 10.89 | 10.89 | 10.72 | 10.64 | 10.53 | 10.39 |
|                  | 151     | 5755      | 11.36          | 11.28 | 11.13 | 11.05 | 10.92 | 10.88 | 10.69 | 10.64 |
|                  | 159     | 5795      | 11.58          | 11.46 | 11.36 | 11.28 | 11.12 | 11.04 | 10.90 | 10.84 |
|                  |         |           | MCS0           | MCS1  | MCS2  | MCS3  | MCS4  | MCS5  | MCS6  | MCS7  |
| 802.11ac<br>(80) | 42      | 5210      | 11.04          | 10.89 | 10.85 | 10.73 | 10.58 | 10.45 | 10.37 | 10.23 |
|                  | 58      | 5290      | 11.28          | 11.15 | 11.07 | 10.96 | 10.85 | 10.74 | 10.59 | 10.55 |
|                  | 155     | 5775      | 11.89          | 11.79 | 11.64 | 11.54 | 11.47 | 11.38 | 11.21 | 11.18 |

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.



## 13. TEST RESULTS

### 13.1. SAR Test Results Summary

#### 13.1.1. Test position and configuration

Head SAR was performed with the device configured in the positions according to IEEE 1528-2013, Body-worn and 4 Edges SAR was performed with the device 10mm from the phantom.

#### 13.1.2. Operation Mode

1. Per KDB 447498 D01 v06 ,for each exposure position, if the highest 1-g SAR is  $\leq 0.8$  W/kg, testing for low and high channel is optional.
2. Per KDB 865664 D01 v01r04,for each frequency band, if the measured SAR is  $\geq 0.8$ W/kg, testing for repeated SAR measurement is required , that the highest measured SAR is only to be tested. When the SAR results are near the limit, the following procedures are required for each device to verify these types of SAR measurement related variation concerns by repeating the highest measured SAR configuration in each frequency band.
  - (1) When the original highest measured SAR is  $\geq 0.8$ W/kg, repeat that measurement once.
  - (2) Perform a second repeated measurement only if the ratio of largest to smallest SAR for the original and first repeated measurements is  $>1.20$  or when the original or repeated measurement is  $\geq 1.45$  W/kg.
  - (3) Perform a third repeated measurement only if the original, first and second repeated measurement is  $\geq 1.5$  W/kg and ratio of largest to smallest SAR for the original, first and second measurement is  $\geq 1.20$ .
3. Body-worn exposure conditions are intended to voice call operations, therefore GSM voice call mode is selected to be test.
4. Per KDB 648474 D04 v01r03,when the reported SAR for a body-worn accessory measured without a headset connected to the handset is  $\leq 1.2$ W/kg, SAR testing with a headset connected is not required.
5. Per KDB 248227 D01v02r02,for 2.4GHz 802.11g/n SAR testing is not required when the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is  $\leq 1.2$ W/kg.
6. Per KDB 941225 D06 V02r01, When the same wireless mode transmission configurations for voice and data are required for SAR measurements, the more conservative configuration with a smaller separation distance should be tested for the overlapping SAR configurations.
7. Maximum Scaling SAR in order to calculate the Maximum SAR values to test under the standard Peak Power, Calculation method is as follows:  
Maximum Scaling SAR =tested SAR (Max.)  $\times$  [maximum turn-up power (mw)/ maximum measurement output power(mw) ]
8. Proximity sensor, just for avoiding the wrong operation in the phone screen when call, and has no influence on output power or SAR result
9. Per KDB 941225 D05v02r05, start with the largest channel bandwidth and measure SAR for QPSK with 1RB allocation using the RB offset and required test channel combination with highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel.
10. Per KDB 941125 D05v02r05, 50% RB allocation for QPSK SAR testing follows 1RB QPSK allocation procedure.
11. Per KDB 941125 D05v02r05. For QPSK with 100% RB allocation. SAR is not required when the highest maximum output power for 100% RB allocation is less than the highest maximum output power in 50% and

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd

Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



1RB allocation and the highest reported SAR is  $>1.45$  W/kg, the remaining required test channels must also be tested.

12. Per KDB 941125 D05v02r05. 16QAM output power for each RB allocation configuration is not 1/2 dB higher than the same configuration in QPSK and the reported SAR for the QPSK configuration is  $\leq 1.45$  W/kg, Per KDB 941225 D05v02r05, 16QAM SAR testing is not required.
13. Per KDB 941125 D05v02r05. Smaller bandwidth output power for each RB allocation configuration is  $>$ not 1/2 dB higher than the same configuration in the largest supported bandwidth, and the reported SAR for the largest supported bandwidth is  $\leq 1.45$  W/kg. Per KDB 941125 D05v02r03, smaller bandwidth SAR testing is not required.

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by [agc@agc-cert.com](mailto:agc@agc-cert.com).

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: [agc@agc-cert.com](mailto:agc@agc-cert.com) Web: <http://cn.agc-cert.com/>



### 13.1.3. Test Result

| SAR MEASUREMENT                        |             |     |           |                             |                 |                          |                          |                   |              |
|----------------------------------------|-------------|-----|-----------|-----------------------------|-----------------|--------------------------|--------------------------|-------------------|--------------|
| Depth of Liquid (cm):>15               |             |     |           | Relative Humidity (%): 51.7 |                 |                          |                          |                   |              |
| Product: 4G Smart Phone                |             |     |           |                             |                 |                          |                          |                   |              |
| Test Mode: GSM850 with GMSK modulation |             |     |           |                             |                 |                          |                          |                   |              |
| Position                               | Mode        | Ch. | Fr. (MHz) | Power Drift (<±0.2 dB)      | SAR (1g) (W/kg) | Max. Tune-up Power (dBm) | Meas. output Power (dBm) | Scaled SAR (W/kg) | Limit (W/kg) |
| SIM 1 Card                             |             |     |           |                             |                 |                          |                          |                   |              |
| Left Cheek                             | voice       | 190 | 836.6     | 0.18                        | 0.321           | 31.30                    | 30.66                    | 0.372             | 1.6          |
| Left Tilt                              | voice       | 190 | 836.6     | 0.03                        | 0.192           | 31.30                    | 30.66                    | 0.222             | 1.6          |
| Right Cheek                            | voice       | 190 | 836.6     | 0.19                        | 0.386           | 31.30                    | 30.66                    | 0.447             | 1.6          |
| Right Tilt                             | voice       | 190 | 836.6     | 0.15                        | 0.153           | 31.30                    | 30.66                    | 0.177             | 1.6          |
| Body back                              | voice       | 190 | 836.6     | 0.04                        | 0.450           | 31.30                    | 30.66                    | 0.521             | 1.6          |
| Body front                             | voice       | 190 | 836.6     | 0.06                        | 0.334           | 31.30                    | 30.66                    | 0.387             | 1.6          |
|                                        |             |     |           |                             |                 |                          |                          |                   |              |
| Body back                              | GPRS-2 slot | 190 | 836.6     | -0.08                       | 0.717           | 30.80                    | 30.42                    | 0.783             | 1.6          |
| Body front                             | GPRS-2 slot | 190 | 836.6     | 0.08                        | 0.505           | 30.80                    | 30.42                    | 0.551             | 1.6          |
| Edge 2(Right)                          | GPRS-2 slot | 190 | 836.6     | 0.13                        | 0.299           | 30.80                    | 30.42                    | 0.326             | 1.6          |
| Edge 3(Bottom)                         | GPRS-2 slot | 190 | 836.6     | -0.13                       | 0.448           | 30.80                    | 30.42                    | 0.489             | 1.6          |

Note:

- When the 1-g Reported SAR is ≤ 0.8 W/kg, testing for low and high channel is optional. Refer to KDB 447498.
- The test separation for body back, body front and 4 Edges is 10mm of all above table.

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



| SAR MEASUREMENT                         |             |     |           |                             |                 |                          |                          |                   |              |
|-----------------------------------------|-------------|-----|-----------|-----------------------------|-----------------|--------------------------|--------------------------|-------------------|--------------|
| Depth of Liquid (cm):>15                |             |     |           | Relative Humidity (%): 52.3 |                 |                          |                          |                   |              |
| Product: 4G Smart Phone                 |             |     |           |                             |                 |                          |                          |                   |              |
| Test Mode: PCS1900 with GMSK modulation |             |     |           |                             |                 |                          |                          |                   |              |
| Position                                | Mode        | Ch. | Fr. (MHz) | Power Drift (<±0.2 dB)      | SAR (1g) (W/kg) | Max. Tune-up Power (dBm) | Meas. output Power (dBm) | Scaled SAR (W/kg) | Limit (W/kg) |
| SIM 1 Card                              |             |     |           |                             |                 |                          |                          |                   |              |
| Left Cheek                              | voice       | 661 | 1880.0    | 0.05                        | 0.074           | 30.00                    | 29.93                    | 0.075             | 1.6          |
| Left Tilt                               | voice       | 661 | 1880.0    | -0.19                       | 0.040           | 30.00                    | 29.93                    | 0.041             | 1.6          |
| Right Cheek                             | voice       | 661 | 1880.0    | 0.10                        | 0.044           | 30.00                    | 29.93                    | 0.045             | 1.6          |
| Right Tilt                              | voice       | 661 | 1880.0    | 0.12                        | 0.040           | 30.00                    | 29.93                    | 0.041             | 1.6          |
| Body back                               | voice       | 661 | 1880.0    | 0.08                        | 0.721           | 30.00                    | 29.93                    | 0.733             | 1.6          |
| Body front                              | voice       | 661 | 1880.0    | -0.06                       | 0.363           | 30.00                    | 29.93                    | 0.369             | 1.6          |
|                                         |             |     |           |                             |                 |                          |                          |                   |              |
| Body back                               | GPRS-2 slot | 512 | 1850.2    | 0.19                        | 0.843           | 27.50                    | 27.36                    | 0.871             | 1.6          |
| Body back                               | GPRS-2 slot | 661 | 1880.0    | 0.17                        | 1.050           | 27.50                    | 27.42                    | 1.070             | 1.6          |
| Body back                               | GPRS-2 slot | 810 | 1909.8    | 0.14                        | 1.120           | 27.50                    | 27.39                    | 1.149             | 1.6          |
| Body front                              | GPRS-2 slot | 661 | 1880.0    | -0.06                       | 0.585           | 27.50                    | 27.42                    | 0.596             | 1.6          |
| Edge 2(Right)                           | GPRS-2 slot | 661 | 1880.0    | 0.11                        | 0.135           | 27.50                    | 27.42                    | 0.138             | 1.6          |
| Edge 3(Bottom)                          | GPRS-2 slot | 661 | 1880.0    | -0.03                       | 0.840           | 27.50                    | 27.36                    | 0.868             | 1.6          |
| Edge 3(Bottom)                          | GPRS-2 slot | 661 | 1880.0    | -0.05                       | 1.080           | 27.50                    | 27.42                    | 1.100             | 1.6          |
| Edge 3(Bottom)                          | GPRS-2 slot | 661 | 1880.0    | -0.09                       | 1.100           | 27.50                    | 27.39                    | 1.128             | 1.6          |

Note:

- When the 1-g Reported SAR is  $\leq 0.8$  W/kg, testing for low and high channel is optional. Refer to KDB 447498.
- The test separation for body back, body front and 4 Edges is 10mm of all above table.

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



| SAR MEASUREMENT                               |              |      |           |                        |                             |                          |                          |                   |              |
|-----------------------------------------------|--------------|------|-----------|------------------------|-----------------------------|--------------------------|--------------------------|-------------------|--------------|
| Depth of Liquid (cm):>15                      |              |      |           |                        | Relative Humidity (%): 52.3 |                          |                          |                   |              |
| Product: 4G Smart Phone                       |              |      |           |                        |                             |                          |                          |                   |              |
| Test Mode: WCDMA Band II with QPSK modulation |              |      |           |                        |                             |                          |                          |                   |              |
| Position                                      | Mode         | Ch.  | Fr. (MHz) | Power Drift (<±0.2 dB) | SAR (1g) (W/kg)             | Max. Tune-up Power (dBm) | Meas. output Power (dBm) | Scaled SAR (W/kg) | Limit (W/kg) |
| Left Cheek                                    | RMC 12.2kbps | 9400 | 1880      | 0.02                   | 0.138                       | 22.20                    | 22.12                    | 0.141             | 1.6          |
| Left Tilt                                     | RMC 12.2kbps | 9400 | 1880      | -0.07                  | 0.029                       | 22.20                    | 22.12                    | 0.030             | 1.6          |
| Right Cheek                                   | RMC 12.2kbps | 9400 | 1880      | 0.10                   | 0.078                       | 22.20                    | 22.12                    | 0.079             | 1.6          |
| Right Tilt                                    | RMC 12.2kbps | 9400 | 1880      | 0.14                   | 0.053                       | 22.20                    | 22.12                    | 0.054             | 1.6          |
| Body back                                     | RMC 12.2kbps | 9400 | 1880      | 0.19                   | 0.573                       | 22.20                    | 22.12                    | 0.584             | 1.6          |
| Body front                                    | RMC 12.2kbps | 9400 | 1880      | 0.01                   | 0.280                       | 22.20                    | 22.12                    | 0.285             | 1.6          |
| Edge 2(Right)                                 | RMC 12.2kbps | 9400 | 1880      | 0.17                   | 0.054                       | 22.20                    | 22.12                    | 0.055             | 1.6          |
| Edge 3(Bottom)                                | RMC 12.2kbps | 9400 | 1880      | 0.03                   | 0.652                       | 22.20                    | 22.12                    | 0.664             | 1.6          |

Note:

- When the 1-g Reported SAR is ≤ 0.8 W/kg, testing for low and high channel is optional. Refer to KDB 447498.
- The test separation for body back, body front and 4 Edges is 10mm of all above table.

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



| SAR MEASUREMENT                               |              |      |           |                        |                             |                          |                          |                   |              |
|-----------------------------------------------|--------------|------|-----------|------------------------|-----------------------------|--------------------------|--------------------------|-------------------|--------------|
| Depth of Liquid (cm):>15                      |              |      |           |                        | Relative Humidity (%): 50.8 |                          |                          |                   |              |
| Product: 4G Smart Phone                       |              |      |           |                        |                             |                          |                          |                   |              |
| Test Mode: WCDMA Band IV with QPSK modulation |              |      |           |                        |                             |                          |                          |                   |              |
| Position                                      | Mode         | Ch.  | Fr. (MHz) | Power Drift (<±0.2 dB) | SAR (1g) (W/kg)             | Max. Tune-up Power (dBm) | Meas. output Power (dBm) | Scaled SAR (W/kg) | Limit (W/kg) |
| Left Cheek                                    | RMC 12.2kbps | 8662 | 1732.4    | 0.19                   | 0.206                       | 23.20                    | 22.82                    | 0.225             | 1.6          |
| Left Tilt                                     | RMC 12.2kbps | 8662 | 1732.4    | 0.16                   | 0.060                       | 23.20                    | 22.82                    | 0.065             | 1.6          |
| Right Cheek                                   | RMC 12.2kbps | 8662 | 1732.4    | 0.04                   | 0.120                       | 23.20                    | 22.82                    | 0.131             | 1.6          |
| Right Tilt                                    | RMC 12.2kbps | 8662 | 1732.4    | 0.16                   | 0.066                       | 23.20                    | 22.82                    | 0.072             | 1.6          |
| Body back                                     | RMC 12.2kbps | 8662 | 1732.4    | 0.09                   | 0.361                       | 23.20                    | 22.82                    | 0.394             | 1.6          |
| Body front                                    | RMC 12.2kbps | 8662 | 1732.4    | -0.03                  | 0.298                       | 23.20                    | 22.82                    | 0.325             | 1.6          |
| Edge 2(Right)                                 | RMC 12.2kbps | 8662 | 1732.4    | 0.11                   | 0.005                       | 23.20                    | 22.82                    | 0.005             | 1.6          |
| Edge 3(Bottom)                                | RMC 12.2kbps | 8662 | 1732.4    | 0.03                   | 0.507                       | 23.20                    | 22.82                    | 0.553             | 1.6          |

Note:

- When the 1-g Reported SAR is ≤ 0.8 W/kg, testing for low and high channel is optional. Refer to KDB 447498.
- The test separation for body back, body front and 4 Edges is 10mm of all above table.

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



| SAR MEASUREMENT                              |              |      |           |                             |                 |                          |                          |                   |              |
|----------------------------------------------|--------------|------|-----------|-----------------------------|-----------------|--------------------------|--------------------------|-------------------|--------------|
| Depth of Liquid (cm):>15                     |              |      |           | Relative Humidity (%): 51.7 |                 |                          |                          |                   |              |
| Product: 4G Smart Phone                      |              |      |           |                             |                 |                          |                          |                   |              |
| Test Mode: WCDMA Band V with QPSK modulation |              |      |           |                             |                 |                          |                          |                   |              |
| Position                                     | Mode         | Ch.  | Fr. (MHz) | Power Drift (<±0.2 dB)      | SAR (1g) (W/kg) | Max. Tune-up Power (dBm) | Meas. output Power (dBm) | Scaled SAR (W/kg) | Limit (W/kg) |
| Left Cheek                                   | RMC 12.2kbps | 4183 | 836.6     | -0.15                       | 0.245           | 23.30                    | 22.61                    | 0.287             | 1.6          |
| Left Tilt                                    | RMC 12.2kbps | 4183 | 836.6     | 0.16                        | 0.054           | 23.30                    | 22.61                    | 0.063             | 1.6          |
| Right Cheek                                  | RMC 12.2kbps | 4183 | 836.6     | 0.10                        | 0.200           | 23.30                    | 22.61                    | 0.234             | 1.6          |
| Right Tilt                                   | RMC 12.2kbps | 4183 | 836.6     | 0.19                        | 0.136           | 23.30                    | 22.61                    | 0.159             | 1.6          |
| Body back                                    | RMC 12.2kbps | 4183 | 836.6     | 0.04                        | 0.473           | 23.30                    | 22.61                    | 0.554             | 1.6          |
| Body front                                   | RMC 12.2kbps | 4183 | 836.6     | -0.03                       | 0.406           | 23.30                    | 22.61                    | 0.476             | 1.6          |
| Edge 2(Right)                                | RMC 12.2kbps | 4183 | 836.6     | 0.13                        | 0.146           | 23.30                    | 22.61                    | 0.171             | 1.6          |
| Edge 3(Bottom)                               | RMC 12.2kbps | 4183 | 836.6     | 0.14                        | 0.435           | 23.30                    | 22.61                    | 0.510             | 1.6          |

Note:

- When the 1-g Reported SAR is ≤ 0.8 W/kg, testing for low and high channel is optional. Refer to KDB 447498.
- The test separation for body back, body front and 4 Edges is 10mm of all above table.

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



| SAR MEASUREMENT          |      |                |                     |                     |       |                             |                                 |                       |                                      |                                   |                         |                 |
|--------------------------|------|----------------|---------------------|---------------------|-------|-----------------------------|---------------------------------|-----------------------|--------------------------------------|-----------------------------------|-------------------------|-----------------|
| Depth of Liquid (cm):>15 |      |                |                     |                     |       | Relative Humidity (%): 56.4 |                                 |                       |                                      |                                   |                         |                 |
| Product: 4G Smart Phone  |      |                |                     |                     |       |                             |                                 |                       |                                      |                                   |                         |                 |
| Test Mode: LTE Band 2    |      |                |                     |                     |       |                             |                                 |                       |                                      |                                   |                         |                 |
| BM<br>MHz                | MOD  | Position       | Test Mode           |                     | Ch.   | Freq.<br>(MHz)              | Power<br>Drift<br>(≤±0.2<br>dB) | SAR<br>(1g)<br>(W/kg) | Max.<br>Tune<br>up<br>Power<br>(dBm) | Meas.<br>output<br>Power<br>(dBm) | Scaled<br>SAR<br>(W/kg) | Limit<br>(W/kg) |
|                          |      |                | UL RB<br>Allocation | UL RB<br>Allocation |       |                             |                                 |                       |                                      |                                   |                         |                 |
| 20                       | QPSK | Left Cheek     | 1                   | 0                   | 18900 | 1880                        | 0.03                            | 0.235                 | 23.00                                | 22.71                             | 0.251                   | 1.6             |
|                          |      | Left Tilt      | 1                   | 0                   | 18900 | 1880                        | 0.07                            | 0.042                 | 23.00                                | 22.71                             | 0.045                   | 1.6             |
|                          |      | Right Cheek    | 1                   | 0                   | 18900 | 1880                        | 0.02                            | 0.151                 | 23.00                                | 22.71                             | 0.161                   | 1.6             |
|                          |      | Right Tilt     | 1                   | 0                   | 18900 | 1880                        | 0.10                            | 0.067                 | 23.00                                | 22.71                             | 0.072                   | 1.6             |
|                          |      | Body back      | 1                   | 0                   | 18900 | 1880                        | 0.19                            | 0.706                 | 23.00                                | 22.71                             | 0.755                   | 1.6             |
|                          |      | Body front     | 1                   | 0                   | 18900 | 1880                        | -0.02                           | 0.347                 | 23.00                                | 22.71                             | 0.371                   | 1.6             |
|                          |      | Edge 2(Right)  | 1                   | 0                   | 18900 | 1880                        | 0.10                            | 0.020                 | 23.00                                | 22.71                             | 0.021                   | 1.6             |
|                          |      | Edge 3(Bottom) | 1                   | 0                   | 18900 | 1880                        | -0.13                           | 0.384                 | 23.00                                | 22.71                             | 0.411                   | 1.6             |

Note:

- When the 1-g Reported SAR is  $\leq 0.8$  W/kg, testing for low and high channel is optional. Refer to KDB 447498.
- The test separation for body back, body front and 4 Edges is 10mm of all above table.

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



| SAR MEASUREMENT          |      |                |                     |                |       |                             |                                 |                       |                                      |                                   |                         |                 |
|--------------------------|------|----------------|---------------------|----------------|-------|-----------------------------|---------------------------------|-----------------------|--------------------------------------|-----------------------------------|-------------------------|-----------------|
| Depth of Liquid (cm):>15 |      |                |                     |                |       | Relative Humidity (%): 50.8 |                                 |                       |                                      |                                   |                         |                 |
| Product: 4G Smart Phone  |      |                |                     |                |       |                             |                                 |                       |                                      |                                   |                         |                 |
| Test Mode: LTE Band 4    |      |                |                     |                |       |                             |                                 |                       |                                      |                                   |                         |                 |
| BM<br>MHz                | MOD  | Position       | Test Mode           |                | Ch.   | Freq.<br>(MHz)              | Power<br>Drift<br>(<±0.2<br>dB) | SAR<br>(1g)<br>(W/kg) | Max.<br>Tuneu<br>p<br>Power<br>(dBm) | Meas.<br>output<br>Power<br>(dBm) | Scaled<br>SAR<br>(W/kg) | Limit<br>(W/kg) |
|                          |      |                | UL RB<br>Allocation | UL RB<br>START |       |                             |                                 |                       |                                      |                                   |                         |                 |
| 20                       | QPSK | Left Cheek     | 1                   | 0              | 20175 | 1732.5                      | 0.06                            | 0.365                 | 23.10                                | 22.58                             | 0.411                   | 1.6             |
|                          |      | Left Tilt      | 1                   | 0              | 20175 | 1732.5                      | 0.19                            | 0.038                 | 23.10                                | 22.58                             | 0.043                   | 1.6             |
|                          |      | Right Cheek    | 1                   | 0              | 20175 | 1732.5                      | -0.03                           | 0.235                 | 23.10                                | 22.58                             | 0.265                   | 1.6             |
|                          |      | Right Tilt     | 1                   | 0              | 20175 | 1732.5                      | 0.13                            | 0.084                 | 23.10                                | 22.58                             | 0.095                   | 1.6             |
|                          |      | Body back      | 1                   | 0              | 20175 | 1732.5                      | 0.17                            | 0.678                 | 23.10                                | 22.58                             | 0.764                   | 1.6             |
|                          |      | Body front     | 1                   | 0              | 20175 | 1732.5                      | 0.01                            | 0.480                 | 23.10                                | 22.58                             | 0.541                   | 1.6             |
|                          |      | Edge 2(Right)  | 1                   | 0              | 20175 | 1732.5                      | 0.04                            | 0.061                 | 23.10                                | 22.58                             | 0.069                   | 1.6             |
|                          |      | Edge 3(Bottom) | 1                   | 0              | 20175 | 1732.5                      | 0.01                            | 0.283                 | 23.10                                | 22.58                             | 0.319                   | 1.6             |

Note:

- When the 1-g Reported SAR is  $\leq 0.8$  W/kg, testing for low and high channel is optional. Refer to KDB 447498.
- The test separation for body back, body front and 4 Edges is 10mm of all above table.

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



| SAR MEASUREMENT          |      |                |                  |             |                             |             |                        |                 |                         |                          |                   |              |
|--------------------------|------|----------------|------------------|-------------|-----------------------------|-------------|------------------------|-----------------|-------------------------|--------------------------|-------------------|--------------|
| Depth of Liquid (cm):>15 |      |                |                  |             | Relative Humidity (%): 46.1 |             |                        |                 |                         |                          |                   |              |
| Product: 4G Smart Phone  |      |                |                  |             |                             |             |                        |                 |                         |                          |                   |              |
| Test Mode: LTE Band 5    |      |                |                  |             |                             |             |                        |                 |                         |                          |                   |              |
| BM MHz                   | MOD  | Position       | Test Mode        |             | Ch.                         | Freq. (MHz) | Power Drift (<±0.2 dB) | SAR (1g) (W/kg) | Max. Tuneup Power (dBm) | Meas. output Power (dBm) | Scaled SAR (W/kg) | Limit (W/kg) |
|                          |      |                | UL RB Allocation | UL RB START |                             |             |                        |                 |                         |                          |                   |              |
| 10                       | QPSK | Left Cheek     | 1                | 0           | 20525                       | 836.5       | 0.12                   | 0.237           | 23.80                   | 22.96                    | 0.288             | 1.6          |
|                          |      | Left Tilt      | 1                | 0           | 20525                       | 836.5       | 0.06                   | 0.115           | 23.80                   | 22.96                    | 0.140             | 1.6          |
|                          |      | Right Cheek    | 1                | 0           | 20525                       | 836.5       | 0.16                   | 0.224           | 23.80                   | 22.96                    | 0.272             | 1.6          |
|                          |      | Right Tilt     | 1                | 0           | 20525                       | 836.5       | 0.01                   | 0.136           | 23.80                   | 22.96                    | 0.165             | 1.6          |
|                          |      | Body back      | 1                | 0           | 20525                       | 836.5       | -0.10                  | 0.249           | 23.80                   | 22.96                    | 0.302             | 1.6          |
|                          |      | Body front     | 1                | 0           | 20525                       | 836.5       | -0.04                  | 0.280           | 23.80                   | 22.96                    | 0.340             | 1.6          |
|                          |      | Edge 2(Right)  | 1                | 0           | 20525                       | 836.5       | 0.09                   | 0.171           | 23.80                   | 22.96                    | 0.207             | 1.6          |
|                          |      | Edge 3(Bottom) | 1                | 0           | 20525                       | 836.5       | -0.10                  | 0.229           | 23.80                   | 22.96                    | 0.278             | 1.6          |

Note:

- When the 1-g Reported SAR is ≤ 0.8 W/kg, testing for low and high channel is optional. Refer to KDB 447498.
- The test separation for body back, body front and 4 Edges is 10mm of all above table.

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



| SAR MEASUREMENT          |      |                |                     |                |       |                             |                                 |                       |                                      |                                   |                         |                 |
|--------------------------|------|----------------|---------------------|----------------|-------|-----------------------------|---------------------------------|-----------------------|--------------------------------------|-----------------------------------|-------------------------|-----------------|
| Depth of Liquid (cm):>15 |      |                |                     |                |       | Relative Humidity (%): 46.2 |                                 |                       |                                      |                                   |                         |                 |
| Product: 4G Smart Phone  |      |                |                     |                |       |                             |                                 |                       |                                      |                                   |                         |                 |
| Test Mode: LTE Band 12   |      |                |                     |                |       |                             |                                 |                       |                                      |                                   |                         |                 |
| BM<br>MHz                | MOD  | Position       | Test Mode           |                | Ch.   | Freq.<br>(MHz)              | Power<br>Drift<br>(<±0.2<br>dB) | SAR<br>(1g)<br>(W/kg) | Max.<br>Tuneu<br>p<br>Power<br>(dBm) | Meas.<br>output<br>Power<br>(dBm) | Scaled<br>SAR<br>(W/kg) | Limit<br>(W/kg) |
|                          |      |                | UL RB<br>Allocation | UL RB<br>START |       |                             |                                 |                       |                                      |                                   |                         |                 |
| 10                       | QPSK | Left Cheek     | 1                   | 0              | 23095 | 707.5                       | 0.15                            | 0.069                 | 23.40                                | 22.99                             | 0.076                   | 1.6             |
|                          |      | Left Tilt      | 1                   | 0              | 23095 | 707.5                       | 0.18                            | 0.029                 | 23.40                                | 22.99                             | 0.032                   | 1.6             |
|                          |      | Right Cheek    | 1                   | 0              | 23095 | 707.5                       | 0.05                            | 0.081                 | 23.40                                | 22.99                             | 0.089                   | 1.6             |
|                          |      | Right Tilt     | 1                   | 0              | 23095 | 707.5                       | 0.12                            | 0.036                 | 23.40                                | 22.99                             | 0.040                   | 1.6             |
|                          |      | Body back      | 1                   | 0              | 23095 | 707.5                       | -0.08                           | 0.115                 | 23.40                                | 22.99                             | 0.126                   | 1.6             |
|                          |      | Body front     | 1                   | 0              | 23095 | 707.5                       | -0.07                           | 0.090                 | 23.40                                | 22.99                             | 0.099                   | 1.6             |
|                          |      | Edge 2(Right)  | 1                   | 0              | 23095 | 707.5                       | 0.03                            | 0.076                 | 23.40                                | 22.99                             | 0.084                   | 1.6             |
|                          |      | Edge 3(Bottom) | 1                   | 0              | 23095 | 707.5                       | 0.06                            | 0.027                 | 23.40                                | 22.99                             | 0.030                   | 1.6             |

Note:

- When the 1-g Reported SAR is  $\leq 0.8$  W/kg, testing for low and high channel is optional. Refer to KDB 447498.
- The test separation for body back, body front and 4 Edges is 10mm of all above table.

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



| SAR MEASUREMENT          |      |                |                  |             |       |                             |                        |                 |                         |                          |                   |              |
|--------------------------|------|----------------|------------------|-------------|-------|-----------------------------|------------------------|-----------------|-------------------------|--------------------------|-------------------|--------------|
| Depth of Liquid (cm):>15 |      |                |                  |             |       | Relative Humidity (%): 46.2 |                        |                 |                         |                          |                   |              |
| Product: 4G Smart Phone  |      |                |                  |             |       |                             |                        |                 |                         |                          |                   |              |
| Test Mode: LTE Band 13   |      |                |                  |             |       |                             |                        |                 |                         |                          |                   |              |
| BM MHz                   | MOD  | Position       | Test Mode        |             | Ch.   | Freq. (MHz)                 | Power Drift (<±0.2 dB) | SAR (1g) (W/kg) | Max. Tuneup Power (dBm) | Meas. output Power (dBm) | Scaled SAR (W/kg) | Limit (W/kg) |
|                          |      |                | UL RB Allocation | UL RB START |       |                             |                        |                 |                         |                          |                   |              |
| 10                       | QPSK | Left Cheek     | 1                | 0           | 23230 | 782                         | 0.04                   | 0.077           | 23.40                   | 22.51                    | 0.095             | 1.6          |
|                          |      | Left Tilt      | 1                | 0           | 23230 | 782                         | 0.18                   | 0.047           | 23.40                   | 22.51                    | 0.058             | 1.6          |
|                          |      | Right Cheek    | 1                | 0           | 23230 | 782                         | -0.01                  | 0.029           | 23.40                   | 22.51                    | 0.036             | 1.6          |
|                          |      | Right Tilt     | 1                | 0           | 23230 | 782                         | 0.10                   | 0.018           | 23.40                   | 22.51                    | 0.022             | 1.6          |
|                          |      | Body back      | 1                | 0           | 23230 | 782                         | 0.18                   | 0.097           | 23.40                   | 22.51                    | 0.119             | 1.6          |
|                          |      | Body front     | 1                | 0           | 23230 | 782                         | 0.17                   | 0.067           | 23.40                   | 22.51                    | 0.082             | 1.6          |
|                          |      | Edge 2(Right)  | 1                | 0           | 23230 | 782                         | 0.01                   | 0.024           | 23.40                   | 22.51                    | 0.029             | 1.6          |
|                          |      | Edge 3(Bottom) | 1                | 0           | 23230 | 782                         | -0.15                  | 0.044           | 23.40                   | 22.51                    | 0.054             | 1.6          |

Note:

- When the 1-g Reported SAR is  $\leq 0.8$  W/kg, testing for low and high channel is optional. Refer to KDB 447498.
- The test separation for body back, body front and 4 Edges is 10mm of all above table.

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



| SAR MEASUREMENT          |      |                |                  |             |                             |             |                        |                 |                         |                          |                   |              |
|--------------------------|------|----------------|------------------|-------------|-----------------------------|-------------|------------------------|-----------------|-------------------------|--------------------------|-------------------|--------------|
| Depth of Liquid (cm):>15 |      |                |                  |             | Relative Humidity (%): 46.2 |             |                        |                 |                         |                          |                   |              |
| Product: 4G Smart Phone  |      |                |                  |             |                             |             |                        |                 |                         |                          |                   |              |
| Test Mode: LTE Band 17   |      |                |                  |             |                             |             |                        |                 |                         |                          |                   |              |
| BM MHz                   | MOD  | Position       | Test Mode        |             | Ch.                         | Freq. (MHz) | Power Drift (<±0.2 dB) | SAR (1g) (W/kg) | Max. Tuneup Power (dBm) | Meas. output Power (dBm) | Scaled SAR (W/kg) | Limit (W/kg) |
|                          |      |                | UL RB Allocation | UL RB START |                             |             |                        |                 |                         |                          |                   |              |
| 10                       | QPSK | Left Cheek     | 1                | 0           | 23790                       | 710         | 0.13                   | 0.029           | 23.80                   | 23.23                    | 0.033             | 1.6          |
|                          |      | Left Tilt      | 1                | 0           | 23790                       | 710         | 0.05                   | 0.027           | 23.80                   | 23.23                    | 0.031             | 1.6          |
|                          |      | Right Cheek    | 1                | 0           | 23790                       | 710         | 0.11                   | 0.030           | 23.80                   | 23.23                    | 0.034             | 1.6          |
|                          |      | Right Tilt     | 1                | 0           | 23790                       | 710         | 0.19                   | 0.018           | 23.80                   | 23.23                    | 0.021             | 1.6          |
|                          |      | Body back      | 1                | 0           | 23790                       | 710         | 0.07                   | 0.054           | 23.80                   | 23.23                    | 0.062             | 1.6          |
|                          |      | Body front     | 1                | 0           | 23790                       | 710         | 0.18                   | 0.043           | 23.80                   | 23.23                    | 0.049             | 1.6          |
|                          |      | Edge 2(Right)  | 1                | 0           | 23790                       | 710         | 0.17                   | 0.028           | 23.80                   | 23.23                    | 0.032             | 1.6          |
|                          |      | Edge 3(Bottom) | 1                | 0           | 23790                       | 710         | 0.02                   | 0.069           | 23.80                   | 23.23                    | 0.079             | 1.6          |

Note:

- When the 1-g Reported SAR is  $\leq 0.8$  W/kg, testing for low and high channel is optional. Refer to KDB 447498.
- The test separation for body back, body front and 4 Edges is 10mm of all above table.

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



| SAR MEASUREMENT          |      |                |                     |                |       |                             |                                 |                       |                                  |                                   |                         |                 |
|--------------------------|------|----------------|---------------------|----------------|-------|-----------------------------|---------------------------------|-----------------------|----------------------------------|-----------------------------------|-------------------------|-----------------|
| Depth of Liquid (cm):>15 |      |                |                     |                |       | Relative Humidity (%): 56.4 |                                 |                       |                                  |                                   |                         |                 |
| Product: 4G Smart Phone  |      |                |                     |                |       |                             |                                 |                       |                                  |                                   |                         |                 |
| Test Mode: LTE Band 25   |      |                |                     |                |       |                             |                                 |                       |                                  |                                   |                         |                 |
| BM<br>MHz                | MOD  | Position       | Test Mode           |                | Ch.   | Freq.<br>(MHz)              | Power<br>Drift<br>(<±0.2<br>dB) | SAR<br>(1g)<br>(W/kg) | Max.<br>Tuneup<br>Power<br>(dBm) | Meas.<br>output<br>Power<br>(dBm) | Scaled<br>SAR<br>(W/kg) | Limit<br>(W/kg) |
|                          |      |                | UL RB<br>Allocation | UL RB<br>START |       |                             |                                 |                       |                                  |                                   |                         |                 |
| 10                       | QPSK | Left Cheek     | 1                   | 0              | 26365 | 1882.5                      | 0.14                            | <b>0.187</b>          | 23.30                            | 23.25                             | <b>0.189</b>            | 1.6             |
|                          |      | Left Tilt      | 1                   | 0              | 26365 | 1882.5                      | 0.13                            | 0.085                 | 23.30                            | 23.25                             | 0.086                   | 1.6             |
|                          |      | Right Cheek    | 1                   | 0              | 26365 | 1882.5                      | 0.10                            | 0.144                 | 23.30                            | 23.25                             | 0.146                   | 1.6             |
|                          |      | Right Tilt     | 1                   | 0              | 26365 | 1882.5                      | 0.15                            | 0.047                 | 23.30                            | 23.25                             | 0.048                   | 1.6             |
|                          |      | Body back      | 1                   | 0              | 26140 | 1860                        | 0.12                            | 0.855                 | 23.30                            | 23.25                             | 0.865                   | 1.6             |
|                          |      | Body back      | 1                   | 0              | 26365 | 1882.5                      | 0.12                            | 0.891                 | 23.30                            | 23.25                             | 0.901                   | 1.6             |
|                          |      | Body back      | 1                   | 0              | 26590 | 1905                        | 0.11                            | <b>0.911</b>          | 23.30                            | 23.25                             | <b>0.922</b>            | 1.6             |
|                          |      | Body front     | 1                   | 0              | 26365 | 1882.5                      | -0.04                           | 0.542                 | 23.30                            | 23.25                             | 0.548                   | 1.6             |
|                          |      | Edge 2(Right)  | 1                   | 0              | 26365 | 1882.5                      | 0.19                            | 0.082                 | 23.30                            | 23.25                             | 0.083                   | 1.6             |
|                          |      | Edge 3(Bottom) | 1                   | 0              | 26365 | 1882.5                      | 0.06                            | 0.766                 | 23.30                            | 23.25                             | 0.775                   | 1.6             |

Note:

- When the 1-g Reported SAR is  $\leq 0.8$  W/kg, testing for low and high channel is optional. Refer to KDB 447498.
- The test separation for body back, body front and 4 Edges is 10mm of all above table.

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



| SAR MEASUREMENT          |      |     |           |                             |                 |                          |                          |                   |              |
|--------------------------|------|-----|-----------|-----------------------------|-----------------|--------------------------|--------------------------|-------------------|--------------|
| Depth of Liquid (cm):>15 |      |     |           | Relative Humidity (%): 49.1 |                 |                          |                          |                   |              |
| Product: 4G Smart Phone  |      |     |           |                             |                 |                          |                          |                   |              |
| Test Mode:802.11b        |      |     |           |                             |                 |                          |                          |                   |              |
| Position                 | Mode | Ch. | Fr. (MHz) | Power Drift (<±0.2 dB)      | SAR (1g) (W/kg) | Max. Tune-up Power (dBm) | Meas. output Power (dBm) | Scaled SAR (W/kg) | Limit (W/kg) |
| Left Cheek               | DTS  | 6   | 2437      | 0.12                        | 0.385           | 16.80                    | 16.59                    | 0.404             | 1.6          |
| Left Tilt                | DTS  | 6   | 2437      | 0.18                        | 0.283           | 16.80                    | 16.59                    | 0.297             | 1.6          |
| Right Cheek              | DTS  | 6   | 2437      | 0.14                        | 0.244           | 16.80                    | 16.59                    | 0.256             | 1.6          |
| Right Tilt               | DTS  | 6   | 2437      | 0.08                        | 0.206           | 16.80                    | 16.59                    | 0.216             | 1.6          |
| Body back                | DTS  | 6   | 2437      | 0.07                        | 0.108           | 16.80                    | 16.59                    | 0.113             | 1.6          |
| Body front               | DTS  | 6   | 2437      | -0.10                       | 0.134           | 16.80                    | 16.59                    | 0.141             | 1.6          |
| Edge 1 (Top)             | DTS  | 6   | 2437      | -0.08                       | 0.141           | 16.80                    | 16.59                    | 0.148             | 1.6          |
| Edge 2(Right)            | DTS  | 6   | 2437      | 0.10                        | 0.067           | 16.80                    | 16.59                    | 0.070             | 1.6          |

Note:

- According to KDB248227, SAR is not required for 802.11n HT20/HT40 channels when the maximum average output power is less than 1/4 dB higher than that measured on the corresponding 802.11a/b channels.
- All of above "DTS" means data transmitters.
- The test separation for body back, body front and 4 Edges is 10mm of all above table.

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



| SAR MEASUREMENT                |     |           |                       |                             |                          |                          |                   |              |
|--------------------------------|-----|-----------|-----------------------|-----------------------------|--------------------------|--------------------------|-------------------|--------------|
| Depth of Liquid (cm):>15       |     |           |                       | Relative Humidity (%): 50.8 |                          |                          |                   |              |
| Product: 4G Smart Phone        |     |           |                       |                             |                          |                          |                   |              |
| Test Mode: 5.2GHz WIFI-802.11a |     |           |                       |                             |                          |                          |                   |              |
| Position                       | Ch. | Fr. (MHz) | Power Drift (<±0.2dB) | SAR (1g) (W/kg)             | Max. Tune-up Power (dBm) | Meas. output Power (dBm) | Scaled SAR (W/kg) | Limit (W/kg) |
| Left Cheek                     | 40  | 5200      | 0.04                  | 0.087                       | 12.20                    | 12.13                    | 0.088             | 1.6          |
| Left Tilt                      | 40  | 5200      | 0.07                  | 0.044                       | 12.20                    | 12.13                    | 0.045             | 1.6          |
| Right Cheek                    | 40  | 5200      | 0.11                  | 0.084                       | 12.20                    | 12.13                    | 0.085             | 1.6          |
| Right Tilt                     | 40  | 5200      | 0.05                  | 0.046                       | 12.20                    | 12.13                    | 0.047             | 1.6          |
| Body back                      | 40  | 5200      | 0.10                  | 0.038                       | 12.20                    | 12.13                    | 0.039             | 1.6          |
| Body front                     | 40  | 5200      | 0.13                  | 0.046                       | 12.20                    | 12.13                    | 0.047             | 1.6          |
| Edge 1 (Top)                   | 40  | 5200      | 0.12                  | 0.066                       | 12.20                    | 12.13                    | 0.067             | 1.6          |
| Edge 2(Right)                  | 40  | 5200      | 0.10                  | 0.048                       | 12.20                    | 12.13                    | 0.049             | 1.6          |

Note:

1. When the 1-g Reported SAR is  $\leq 0.8$  W/kg, testing for low and high channel is optional. Refer to KDB447498.
2. The test separation for body back, body front and 4 Edges is 10mm of all above table.

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



| SAR MEASUREMENT               |     |           |                       |                             |                          |                          |                   |              |
|-------------------------------|-----|-----------|-----------------------|-----------------------------|--------------------------|--------------------------|-------------------|--------------|
| Depth of Liquid (cm):>15      |     |           |                       | Relative Humidity (%): 51.7 |                          |                          |                   |              |
| Product: 4G Smart Phone       |     |           |                       |                             |                          |                          |                   |              |
| Test Mode:5.3GHz WIFI-802.11a |     |           |                       |                             |                          |                          |                   |              |
| Position                      | Ch. | Fr. (MHz) | Power Drift (<±0.2dB) | SAR (1g) (W/kg)             | Max. Tune-up Power (dBm) | Meas. output Power (dBm) | Scaled SAR (W/kg) | Limit (W/kg) |
| Left Cheek                    | 56  | 5280      | 0.12                  | 0.059                       | 12.70                    | 12.64                    | 0.060             | 1.6          |
| Left Tilt                     | 56  | 5280      | 0.09                  | <b>0.091</b>                | 12.70                    | 12.64                    | <b>0.092</b>      | 1.6          |
| Right Cheek                   | 56  | 5280      | 0.11                  | 0.038                       | 12.70                    | 12.64                    | 0.039             | 1.6          |
| Right Tilt                    | 56  | 5280      | 0.06                  | 0.035                       | 12.70                    | 12.64                    | 0.035             | 1.6          |
| Body back                     | 56  | 5280      | 0.18                  | 0.064                       | 12.70                    | 12.64                    | 0.065             | 1.6          |
| Body front                    | 56  | 5280      | 0.01                  | <b>0.074</b>                | 12.70                    | 12.64                    | <b>0.075</b>      | 1.6          |
| Edge 1 (Top)                  | 56  | 5280      | -0.10                 | 0.051                       | 12.70                    | 12.64                    | 0.052             | 1.6          |
| Edge 2(Right)                 | 56  | 5280      | 0.16                  | 0.038                       | 12.70                    | 12.64                    | 0.039             | 1.6          |

Note:

1. When the 1-g Reported SAR is  $\leq 0.8$  W/kg, testing for low and high channel is optional. Refer to KDB447498.
2. The test separation for body back, body front and 4 Edges is 10mm of all above table.

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



| SAR MEASUREMENT                |     |           |                       |                 |                             |                          |                   |              |
|--------------------------------|-----|-----------|-----------------------|-----------------|-----------------------------|--------------------------|-------------------|--------------|
| Depth of Liquid (cm):>15       |     |           |                       |                 | Relative Humidity (%): 49.1 |                          |                   |              |
| Product: 4G Smart Phone        |     |           |                       |                 |                             |                          |                   |              |
| Test Mode: 5.8GHz WIFI-802.11a |     |           |                       |                 |                             |                          |                   |              |
| Position                       | Ch. | Fr. (MHz) | Power Drift (<±0.2dB) | SAR (1g) (W/kg) | Max. Tune-up Power (dBm)    | Meas. output Power (dBm) | Scaled SAR (W/kg) | Limit (W/kg) |
| Left Cheek                     | 157 | 5785      | 0.10                  | 0.028           | 13.70                       | 13.68                    | 0.028             | 1.6          |
| Left Tilt                      | 157 | 5785      | -0.10                 | 0.078           | 13.70                       | 13.68                    | 0.078             | 1.6          |
| Right Cheek                    | 157 | 5785      | 0.06                  | <b>0.083</b>    | 13.70                       | 13.68                    | <b>0.083</b>      | 1.6          |
| Right Tilt                     | 157 | 5785      | -0.11                 | 0.063           | 13.70                       | 13.68                    | 0.063             | 1.6          |
| Body back                      | 157 | 5785      | 0.09                  | <b>0.049</b>    | 13.70                       | 13.68                    | <b>0.049</b>      | 1.6          |
| Body front                     | 157 | 5785      | -0.18                 | 0.028           | 13.70                       | 13.68                    | 0.028             | 1.6          |
| Edge 1 (Top)                   | 157 | 5785      | -0.07                 | 0.027           | 13.70                       | 13.68                    | 0.027             | 1.6          |
| Edge 2(Right)                  | 157 | 5785      | 0.03                  | 0.026           | 13.70                       | 13.68                    | 0.026             | 1.6          |

Note:

1. When the 1-g Reported SAR is  $\leq 0.8$  W/kg, testing for low and high channel is optional. Refer to KDB447498.
2. The test separation for body back, body front and 4 Edges is 10mm of all above table.

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



| Repeated SAR                    |                  |             |       |           |                    |                      |                    |                       |                    |                       |            |
|---------------------------------|------------------|-------------|-------|-----------|--------------------|----------------------|--------------------|-----------------------|--------------------|-----------------------|------------|
| Product: 4G Smart Phone         |                  |             |       |           |                    |                      |                    |                       |                    |                       |            |
| Test Mode: PCS1900& LTE Band 25 |                  |             |       |           |                    |                      |                    |                       |                    |                       |            |
| Position                        | Mode             |             | Ch.   | Fr. (MHz) | Power Drift (<±5%) | Once SAR (1g) (W/kg) | Power Drift (<±5%) | Twice SAR (1g) (W/kg) | Power Drift (<±5%) | Third SAR (1g) (W/kg) | Limit W/kg |
| Body back                       | GPRS-2 slot      |             | 810   | 1909.8    | -0.14              | 1.05                 | --                 | --                    | --                 | --                    | 1.6        |
| Position                        | Mode             |             | Ch.   | Fr. (MHz) | Power Drift (<±5%) | Once SAR (1g) (W/kg) | Power Drift (<±5%) | Twice SAR (1g) (W/kg) | Power Drift (<±5%) | Third SAR (1g) (W/kg) | Limit W/kg |
|                                 | UL RB Allocation | UL RB START |       |           |                    |                      |                    |                       |                    |                       |            |
| Body back                       | 1                | 0           | 26590 | 1905      | 0.10               | 0.880                | --                 | --                    | --                 | --                    | 1.6        |

| The second repeated SAR judge reference |           |                  |             |       |           |                          |                       |       |       |
|-----------------------------------------|-----------|------------------|-------------|-------|-----------|--------------------------|-----------------------|-------|-------|
| Product: 4G Smart Phone                 |           |                  |             |       |           |                          |                       |       |       |
| Band                                    | Position  | Mode             |             | Ch.   | Fr. (MHz) | Original SAR (1g) (W/kg) | First SAR (1g) (W/kg) | Ratio | Limit |
| PCS1900                                 | Body back | GPRS-2 slot      |             | 810   | 1909.8    | 1.120                    | 1.05                  | 1.067 | <1.2  |
| Band                                    | Position  | Mode             |             | Ch.   | Fr. (MHz) | Original SAR (1g) (W/kg) | First SAR (1g) (W/kg) | Ratio | Limit |
|                                         |           | UL RB Allocation | UL RB START |       |           |                          |                       |       |       |
| LTE Band 25                             | Body back | 1                | 0           | 26590 | 1905      | 0.911                    | 0.880                 | 1.035 | <1.2  |

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



## Simultaneous Multi-band Transmission Evaluation:

### Application Simultaneous Transmission information:

| NO | Simultaneous state                         | Portable Handset |           |         |
|----|--------------------------------------------|------------------|-----------|---------|
|    |                                            | Head             | Body-worn | Hotspot |
| 1  | GSM(voice)+ WLAN 2.4GHz& WLAN 5GHz (data)  | Yes              | Yes       | -       |
| 2  | GSM(voice)+ Bluetooth(data)                | Yes              | Yes       | -       |
| 3  | GSM (Data) + WLAN 2.4GHz& WLAN 5GHz (data) | -                | Yes       | Yes     |
| 4  | GSM (Data) + Bluetooth(data)               | -                | Yes       | Yes     |
| 5  | WCDMA+ WLAN 2.4GHz& WLAN 5GHz (data)       | Yes              | Yes       | Yes     |
| 6  | WCDMA+ Bluetooth(data)                     | Yes              | Yes       | Yes     |
| 7  | LTE + WLAN 2.4GHz& WLAN 5GHz (data)        | Yes              | Yes       | Yes     |
| 8  | LTE + Bluetooth(data)                      | Yes              | Yes       | Yes     |

#### NOTE:

1. WIFI and BT share the same antenna, and cannot transmit simultaneously.
2. Simultaneous with every transmitter must be the same test position.
3. KDB 447498 D01, BT SAR is excluded as below table.
4. KDB 447498 D01, for handsets the test separation distance is determined by the smallest distance between the outer surface of the device and the user; which is 0mm for head SAR and 10mm for body-worn SAR.
5. According to KDB 447498 D01 4.3.1, Standalone SAR test exclusion is as follow:  
For 100 MHz to 6 GHz and test separation distances  $\leq 50$  mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:  

$$\left[ \frac{\text{(max. power of channel, including tune-up tolerance, mW)}}{(\text{min. test separation distance, mm})} \right] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$$
for 1-g SAR, and  $\leq 7.5$  for 10-g extremity SAR<sup>30</sup>, where
  - f(GHz) is the RF channel transmit frequency in GHz
  - Power and distance are rounded to the nearest mW and mm before calculation<sup>31</sup>
  - The result is rounded to one decimal place for comparison
  - The values 3.0 and 7.5 are referred to as numeric thresholds in step b) below
The test exclusions are applicable only when the minimum test separation distance is  $\leq 50$  mm, and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is  $< 5$  mm, a distance of 5 mm according to 4.1 f) is applied to determine SAR test exclusion.
6. If the test separation distance is  $< 5$ mm, 5mm is used for excluded SAR calculation.
7. According to KDB 447498 D01 4.3.2, simultaneous transmission SAR test exclusion is as follow:
  - (1) Simultaneous transmission SAR test exclusion is determined for each operating configuration and exposure condition according to the reported standalone SAR of each applicable simultaneous transmitting antenna.
  - (2) Any transmitters and antennas should be considered when calculating simultaneous mode.
  - (3) For mobile phone and PC, it's the sum of all transmitters and antennas at the same mode with same position in each applicable exposure condition
  - (4) When the standalone SAR test exclusion of section 4.3.2 is applied to an antenna that transmits simultaneously with other antennas, the standalone SAR must be estimated according to the following to det
$$(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm}) \cdot [\sqrt{f(\text{GHz})} / x] \text{ W/kg}$$
for test separation distances  $\leq 50$  mm;  
where  $x = 7.5$  for 1-g SAR, and  $x = 18.75$  for 10-g SAR.

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.



8. When the sum of SAR is larger than the limit, SAR test exclusion is determined by the SAR to peak location separation ratio. The simultaneous transmitting antennas in each operating mode and exposure condition combination must be considered one pair at a time to determine the SAR to peak location separation ratio to qualify for test exclusion. The ratio is determined by  $(SAR1 + SAR2)1.5/R_i$ , rounded to two decimal digits, and must be  $\leq 0.04$  for all antenna pairs in the configuration to qualify for 1-g SAR test exclusion.

| Estimated SAR |      | Max Power including Tune-up Tolerance |    | Separation Distance (mm) | Estimated SAR (W/kg) |
|---------------|------|---------------------------------------|----|--------------------------|----------------------|
|               |      | dBm                                   | mW |                          |                      |
| BT            | Head | 10                                    | 10 | 0                        | 0.420                |
|               | Body | 10                                    | 10 | 10                       | 0.210                |

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>



**Sum of the SAR for GSM 850 & 2.4GHz Wi-Fi & BT:**

| RF Exposure Conditions | Test Position | Simultaneous Transmission Scenario |                       |           | $\Sigma$ 1-g SAR (W/kg) | SPLSR (Yes/No) |
|------------------------|---------------|------------------------------------|-----------------------|-----------|-------------------------|----------------|
|                        |               | GSM 850                            | 2.4GHz Wi-Fi DTS Band | Bluetooth |                         |                |
| Head (voice)           | Left Touch    | 0.372                              | 0.404                 |           | 0.776                   | No             |
|                        | Left Tilt     | 0.222                              | 0.297                 |           | 0.519                   | No             |
|                        | Right Touch   | 0.447                              | 0.256                 |           | 0.703                   | No             |
|                        | Right Tilt    | 0.177                              | 0.216                 |           | 0.393                   | No             |
|                        | Left Touch    | 0.372                              |                       | 0.420     | 0.792                   | No             |
|                        | Left Tilt     | 0.222                              |                       | 0.420     | 0.642                   | No             |
|                        | Right Touch   | 0.447                              |                       | 0.420     | 0.867                   | No             |
|                        | Right Tilt    | 0.177                              |                       | 0.420     | 0.597                   | No             |
| Body-worn (voice)      | Rear          | 0.521                              | 0.113                 |           | 0.634                   | No             |
|                        |               | 0.521                              |                       | 0.210     | 0.731                   | No             |
|                        | Front         | 0.387                              | 0.141                 |           | 0.528                   | No             |
|                        |               | 0.387                              |                       | 0.210     | 0.597                   | No             |
| Body-worn (Data)       | Rear          | 0.783                              |                       | 0.210     | 0.993                   | No             |
|                        |               | 0.783                              | 0.113                 |           | 0.896                   | No             |
|                        | Front         | 0.551                              |                       | 0.210     | 0.761                   | No             |
|                        |               | 0.551                              | 0.141                 |           | 0.692                   | No             |
| Body-worn (Hotspot)    | Edge 2        | 0.326                              | 0.070                 |           | 0.396                   | No             |
|                        | Edge 2        | 0.326                              |                       | 0.210     | 0.536                   | No             |

**Note:**

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is “The SAR to Peak Location Separation Ratio “

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the “Dedicated Testing/Inspection Stamp” is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Sum of the SAR for GSM 1900 & 2.4GHz Wi-Fi & BT:**

| RF Exposure Conditions | Test Position | Simultaneous Transmission Scenario |                       |           | $\Sigma$ 1-g SAR (W/kg) | SPLSR (Yes/No) |
|------------------------|---------------|------------------------------------|-----------------------|-----------|-------------------------|----------------|
|                        |               | PCS 1900                           | 2.4GHz Wi-Fi DTS Band | Bluetooth |                         |                |
| Head (voice)           | Left Touch    | 0.075                              | 0.404                 |           | 0.479                   | No             |
|                        | Left Tilt     | 0.041                              | 0.297                 |           | 0.338                   | No             |
|                        | Right Touch   | 0.045                              | 0.256                 |           | 0.301                   | No             |
|                        | Right Tilt    | 0.041                              | 0.216                 |           | 0.257                   | No             |
|                        | Left Touch    | 0.075                              |                       | 0.420     | 0.495                   | No             |
|                        | Left Tilt     | 0.041                              |                       | 0.420     | 0.461                   | No             |
|                        | Right Touch   | 0.045                              |                       | 0.420     | 0.465                   | No             |
|                        | Right Tilt    | 0.041                              |                       | 0.420     | 0.461                   | No             |
| Body-worn (voice)      | Rear          | 0.733                              | 0.113                 |           | 0.846                   | No             |
|                        |               | 0.733                              |                       | 0.210     | 0.943                   | No             |
|                        | Front         | 0.369                              | 0.141                 |           | 0.510                   | No             |
|                        |               | 0.369                              |                       | 0.210     | 0.579                   | No             |
| Body-worn (Data)       | Rear          | 1.149                              |                       | 0.210     | <b>1.359</b>            | No             |
|                        |               | 1.149                              | 0.113                 |           | 1.262                   | No             |
|                        | Front         | 0.596                              |                       | 0.210     | 0.806                   | No             |
|                        |               | 0.596                              | 0.141                 |           | 0.737                   | No             |
| Body-worn (Hotspot)    | Edge 2        | 0.138                              | 0.070                 |           | 0.208                   | No             |
|                        | Edge 2        | 0.138                              |                       | 0.210     | 0.348                   | No             |

**Note:**

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is “The SAR to Peak Location Separation Ratio “

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the “Dedicated Testing/Inspection Stamp” is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Sum of the SAR for WCDMA Band II & 2.4GHz Wi-Fi & BT:**

| RF Exposure Conditions | Test Position | Simultaneous Transmission Scenario |                       |           | Σ1-g SAR (W/kg) | SPLSR (Yes/No) |
|------------------------|---------------|------------------------------------|-----------------------|-----------|-----------------|----------------|
|                        |               | WCDMA Band II                      | 2.4GHz Wi-Fi DTS Band | Bluetooth |                 |                |
| Head                   | Left Touch    | 0.141                              | 0.404                 |           | 0.545           | No             |
|                        | Left Tilt     | 0.030                              | 0.297                 |           | 0.327           | No             |
|                        | Right Touch   | 0.079                              | 0.256                 |           | 0.335           | No             |
|                        | Right Tilt    | 0.054                              | 0.216                 |           | 0.270           | No             |
|                        | Left Touch    | 0.141                              |                       | 0.420     | 0.561           | No             |
|                        | Left Tilt     | 0.030                              |                       | 0.420     | 0.450           | No             |
|                        | Right Touch   | 0.079                              |                       | 0.420     | 0.499           | No             |
|                        | Right Tilt    | 0.054                              |                       | 0.420     | 0.474           | No             |
| Body-worn              | Rear          | 0.584                              | 0.113                 |           | 0.697           | No             |
|                        | Front         | 0.285                              | 0.141                 |           | 0.426           | No             |
|                        | Edge 2        | 0.055                              | 0.070                 |           | 0.125           | No             |
|                        | Rear          | 0.584                              |                       | 0.210     | 0.794           | No             |
|                        | Front         | 0.285                              |                       | 0.210     | 0.495           | No             |
|                        | Edge 2        | 0.055                              |                       | 0.210     | 0.265           | No             |

**Note:**

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is “The SAR to Peak Location Separation Ratio “

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the “Dedicated Testing/Inspection Stamp” is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Sum of the SAR for WCDMA Band IV & 2.4GHz Wi-Fi & BT:**

| RF Exposure Conditions | Test Position | Simultaneous Transmission Scenario |                       |           | Σ1-g SAR (W/kg) | SPLSR (Yes/No) |
|------------------------|---------------|------------------------------------|-----------------------|-----------|-----------------|----------------|
|                        |               | WCDMA Band IV                      | 2.4GHz Wi-Fi DTS Band | Bluetooth |                 |                |
| Head                   | Left Touch    | 0.225                              | 0.404                 |           | 0.629           | No             |
|                        | Left Tilt     | 0.065                              | 0.297                 |           | 0.362           | No             |
|                        | Right Touch   | 0.131                              | 0.256                 |           | 0.387           | No             |
|                        | Right Tilt    | 0.072                              | 0.216                 |           | 0.288           | No             |
|                        | Left Touch    | 0.225                              |                       | 0.420     | 0.645           | No             |
|                        | Left Tilt     | 0.065                              |                       | 0.420     | 0.485           | No             |
|                        | Right Touch   | 0.131                              |                       | 0.420     | 0.551           | No             |
|                        | Right Tilt    | 0.072                              |                       | 0.420     | 0.492           | No             |
| Body-worn              | Rear          | 0.394                              | 0.113                 |           | 0.507           | No             |
|                        | Front         | 0.325                              | 0.141                 |           | 0.466           | No             |
|                        | Edge 2        | 0.005                              | 0.070                 |           | 0.075           | No             |
|                        | Rear          | 0.394                              |                       | 0.210     | 0.604           | No             |
|                        | Front         | 0.325                              |                       | 0.210     | 0.535           | No             |
|                        | Edge 2        | 0.005                              |                       | 0.210     | 0.215           | No             |

**Note:**

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is “The SAR to Peak Location Separation Ratio “

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the “Dedicated Testing/Inspection Stamp” is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Sum of the SAR for WCDMA Band V & 2.4GHz Wi-Fi & BT:**

| RF Exposure Conditions | Test Position | Simultaneous Transmission Scenario |                       |           | Σ1-g SAR (W/kg) | SPLSR (Yes/No) |
|------------------------|---------------|------------------------------------|-----------------------|-----------|-----------------|----------------|
|                        |               | WCDMA Band V                       | 2.4GHz Wi-Fi DTS Band | Bluetooth |                 |                |
| Head                   | Left Touch    | 0.287                              | 0.404                 |           | 0.691           | No             |
|                        | Left Tilt     | 0.063                              | 0.297                 |           | 0.360           | No             |
|                        | Right Touch   | 0.234                              | 0.256                 |           | 0.490           | No             |
|                        | Right Tilt    | 0.159                              | 0.216                 |           | 0.375           | No             |
|                        | Left Touch    | 0.287                              |                       | 0.420     | 0.707           | No             |
|                        | Left Tilt     | 0.063                              |                       | 0.420     | 0.483           | No             |
|                        | Right Touch   | 0.234                              |                       | 0.420     | 0.654           | No             |
|                        | Right Tilt    | 0.159                              |                       | 0.420     | 0.579           | No             |
| Body-worn              | Rear          | 0.554                              | 0.113                 |           | 0.667           | No             |
|                        | Front         | 0.476                              | 0.141                 |           | 0.617           | No             |
|                        | Edge 2        | 0.171                              | 0.070                 |           | 0.241           | No             |
|                        | Rear          | 0.554                              |                       | 0.210     | 0.764           | No             |
|                        | Front         | 0.476                              |                       | 0.210     | 0.686           | No             |
|                        | Edge 2        | 0.171                              |                       | 0.210     | 0.381           | No             |

**Note:**

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is “The SAR to Peak Location Separation Ratio “

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the “Dedicated Testing/Inspection Stamp” is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Sum of the SAR for LTE Band 2 & 2.4GHz Wi-Fi & BT:**

| RF Exposure Conditions | Test Position | Simultaneous Transmission Scenario |                       |           | $\Sigma$ 1-g SAR (W/kg) | SPLSR (Yes/No) |
|------------------------|---------------|------------------------------------|-----------------------|-----------|-------------------------|----------------|
|                        |               | LTE Band 2                         | 2.4GHz Wi-Fi DTS Band | Bluetooth |                         |                |
| Head                   | Left Touch    | 0.251                              | 0.404                 |           | 0.655                   | No             |
|                        | Left Tilt     | 0.045                              | 0.297                 |           | 0.342                   | No             |
|                        | Right Touch   | 0.161                              | 0.256                 |           | 0.417                   | No             |
|                        | Right Tilt    | 0.072                              | 0.216                 |           | 0.288                   | No             |
|                        | Left Touch    | 0.251                              |                       | 0.420     | 0.671                   | No             |
|                        | Left Tilt     | 0.045                              |                       | 0.420     | 0.465                   | No             |
|                        | Right Touch   | 0.161                              |                       | 0.420     | 0.581                   | No             |
|                        | Right Tilt    | 0.072                              |                       | 0.420     | 0.492                   | No             |
| Body-worn              | Rear          | 0.755                              | 0.113                 |           | 0.868                   | No             |
|                        | Front         | 0.371                              | 0.141                 |           | 0.512                   | No             |
|                        | Edge 2        | 0.021                              | 0.070                 |           | 0.091                   | No             |
|                        | Rear          | 0.755                              |                       | 0.210     | 0.965                   | No             |
|                        | Front         | 0.371                              |                       | 0.210     | 0.581                   | No             |
|                        | Edge 2        | 0.021                              |                       | 0.210     | 0.231                   | No             |

**Note:**

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is "The SAR to Peak Location Separation Ratio "

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Sum of the SAR for LTE Band 4 & 2.4GHz Wi-Fi & BT:**

| RF Exposure Conditions | Test Position | Simultaneous Transmission Scenario |                       |           | Σ1-g SAR (W/kg) | SPLSR (Yes/No) |
|------------------------|---------------|------------------------------------|-----------------------|-----------|-----------------|----------------|
|                        |               | LTE Band 4                         | 2.4GHz Wi-Fi DTS Band | Bluetooth |                 |                |
| Head                   | Left Touch    | 0.411                              | 0.404                 |           | 0.815           | No             |
|                        | Left Tilt     | 0.043                              | 0.297                 |           | 0.340           | No             |
|                        | Right Touch   | 0.265                              | 0.256                 |           | 0.521           | No             |
|                        | Right Tilt    | 0.095                              | 0.216                 |           | 0.311           | No             |
|                        | Left Touch    | 0.411                              |                       | 0.420     | 0.831           | No             |
|                        | Left Tilt     | 0.043                              |                       | 0.420     | 0.463           | No             |
|                        | Right Touch   | 0.265                              |                       | 0.420     | 0.685           | No             |
|                        | Right Tilt    | 0.095                              |                       | 0.420     | 0.515           | No             |
| Body-worn              | Rear          | 0.764                              | 0.113                 |           | 0.877           | No             |
|                        | Front         | 0.541                              | 0.141                 |           | 0.682           | No             |
|                        | Edge 2        | 0.069                              | 0.070                 |           | 0.139           | No             |
|                        | Rear          | 0.764                              |                       | 0.210     | 0.974           | No             |
|                        | Front         | 0.541                              |                       | 0.210     | 0.751           | No             |
|                        | Edge 2        | 0.069                              |                       | 0.210     | 0.279           | No             |

**Note:**

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is “The SAR to Peak Location Separation Ratio “

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the “Dedicated Testing/Inspection Stamp” is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Sum of the SAR for LTE Band 5 & 2.4GHz Wi-Fi & BT:**

| RF Exposure Conditions | Test Position | Simultaneous Transmission Scenario |                       |           | $\Sigma$ 1-g SAR (W/kg) | SPLSR (Yes/No) |
|------------------------|---------------|------------------------------------|-----------------------|-----------|-------------------------|----------------|
|                        |               | LTE Band 5                         | 2.4GHz Wi-Fi DTS Band | Bluetooth |                         |                |
| Head                   | Left Touch    | 0.288                              | 0.404                 |           | 0.692                   | No             |
|                        | Left Tilt     | 0.140                              | 0.297                 |           | 0.437                   | No             |
|                        | Right Touch   | 0.272                              | 0.256                 |           | 0.528                   | No             |
|                        | Right Tilt    | 0.165                              | 0.216                 |           | 0.381                   | No             |
|                        | Left Touch    | 0.288                              |                       | 0.420     | 0.708                   | No             |
|                        | Left Tilt     | 0.140                              |                       | 0.420     | 0.560                   | No             |
|                        | Right Touch   | 0.272                              |                       | 0.420     | 0.692                   | No             |
|                        | Right Tilt    | 0.165                              |                       | 0.420     | 0.585                   | No             |
| Body-worn              | Rear          | 0.302                              | 0.113                 |           | 0.415                   | No             |
|                        | Front         | 0.340                              | 0.141                 |           | 0.481                   | No             |
|                        | Edge 2        | 0.207                              | 0.070                 |           | 0.277                   | No             |
|                        | Rear          | 0.302                              |                       | 0.210     | 0.512                   | No             |
|                        | Front         | 0.340                              |                       | 0.210     | 0.550                   | No             |
|                        | Edge 2        | 0.207                              |                       | 0.210     | 0.417                   | No             |

**Note:**

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is "The SAR to Peak Location Separation Ratio "

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Sum of the SAR for LTE Band 12 & 2.4GHz Wi-Fi & BT:**

| RF Exposure Conditions | Test Position | Simultaneous Transmission Scenario |                       |           | $\Sigma$ 1-g SAR (W/kg) | SPLSR (Yes/No) |
|------------------------|---------------|------------------------------------|-----------------------|-----------|-------------------------|----------------|
|                        |               | LTE Band 12                        | 2.4GHz Wi-Fi DTS Band | Bluetooth |                         |                |
| Head                   | Left Touch    | 0.076                              | 0.404                 |           | 0.480                   | No             |
|                        | Left Tilt     | 0.032                              | 0.297                 |           | 0.329                   | No             |
|                        | Right Touch   | 0.089                              | 0.256                 |           | 0.345                   | No             |
|                        | Right Tilt    | 0.040                              | 0.216                 |           | 0.256                   | No             |
|                        | Left Touch    | 0.076                              |                       | 0.420     | 0.496                   | No             |
|                        | Left Tilt     | 0.032                              |                       | 0.420     | 0.452                   | No             |
|                        | Right Touch   | 0.089                              |                       | 0.420     | 0.509                   | No             |
|                        | Right Tilt    | 0.040                              |                       | 0.420     | 0.460                   | No             |
| Body-worn              | Rear          | 0.126                              | 0.113                 |           | 0.239                   | No             |
|                        | Front         | 0.099                              | 0.141                 |           | 0.240                   | No             |
|                        | Edge 2        | 0.084                              | 0.070                 |           | 0.154                   | No             |
|                        | Rear          | 0.126                              |                       | 0.210     | 0.336                   | No             |
|                        | Front         | 0.099                              |                       | 0.210     | 0.309                   | No             |
|                        | Edge 2        | 0.084                              |                       | 0.210     | 0.294                   | No             |

**Note:**

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is “The SAR to Peak Location Separation Ratio “

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the “Dedicated Testing/Inspection Stamp” is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Sum of the SAR for LTE Band 13 & 2.4GHz Wi-Fi & BT:**

| RF Exposure Conditions | Test Position | Simultaneous Transmission Scenario |                       |           | $\Sigma$ 1-g SAR (W/kg) | SPLSR (Yes/No) |
|------------------------|---------------|------------------------------------|-----------------------|-----------|-------------------------|----------------|
|                        |               | LTE Band 13                        | 2.4GHz Wi-Fi DTS Band | Bluetooth |                         |                |
| Head                   | Left Touch    | 0.095                              | 0.404                 |           | 0.499                   | No             |
|                        | Left Tilt     | 0.058                              | 0.297                 |           | 0.355                   | No             |
|                        | Right Touch   | 0.036                              | 0.256                 |           | 0.292                   | No             |
|                        | Right Tilt    | 0.022                              | 0.216                 |           | 0.238                   | No             |
|                        | Left Touch    | 0.095                              |                       | 0.420     | 0.515                   | No             |
|                        | Left Tilt     | 0.058                              |                       | 0.420     | 0.478                   | No             |
|                        | Right Touch   | 0.036                              |                       | 0.420     | 0.456                   | No             |
|                        | Right Tilt    | 0.022                              |                       | 0.420     | 0.442                   | No             |
| Body-worn              | Rear          | 0.119                              | 0.113                 |           | 0.232                   | No             |
|                        | Front         | 0.082                              | 0.141                 |           | 0.223                   | No             |
|                        | Edge 2        | 0.029                              | 0.070                 |           | 0.099                   | No             |
|                        | Rear          | 0.119                              |                       | 0.210     | 0.329                   | No             |
|                        | Front         | 0.082                              |                       | 0.210     | 0.292                   | No             |
|                        | Edge 2        | 0.029                              |                       | 0.210     | 0.239                   | No             |

**Note:**

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is "The SAR to Peak Location Separation Ratio "

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Sum of the SAR for LTE Band 17 & 2.4GHz Wi-Fi & BT:**

| RF Exposure Conditions | Test Position | Simultaneous Transmission Scenario |                       |           | $\Sigma$ 1-g SAR (W/kg) | SPLSR (Yes/No) |
|------------------------|---------------|------------------------------------|-----------------------|-----------|-------------------------|----------------|
|                        |               | LTE Band 17                        | 2.4GHz Wi-Fi DTS Band | Bluetooth |                         |                |
| Head                   | Left Touch    | 0.033                              | 0.404                 |           | 0.437                   | No             |
|                        | Left Tilt     | 0.031                              | 0.297                 |           | 0.328                   | No             |
|                        | Right Touch   | 0.034                              | 0.256                 |           | 0.290                   | No             |
|                        | Right Tilt    | 0.021                              | 0.216                 |           | 0.237                   | No             |
|                        | Left Touch    | 0.033                              |                       | 0.420     | 0.453                   | No             |
|                        | Left Tilt     | 0.031                              |                       | 0.420     | 0.451                   | No             |
|                        | Right Touch   | 0.034                              |                       | 0.420     | 0.454                   | No             |
|                        | Right Tilt    | 0.021                              |                       | 0.420     | 0.441                   | No             |
| Body-worn              | Rear          | 0.062                              | 0.113                 |           | 0.175                   | No             |
|                        | Front         | 0.049                              | 0.141                 |           | 0.190                   | No             |
|                        | Edge 2        | 0.032                              | 0.070                 |           | 0.102                   | No             |
|                        | Rear          | 0.062                              |                       | 0.210     | 0.272                   | No             |
|                        | Front         | 0.049                              |                       | 0.210     | 0.259                   | No             |
|                        | Edge 2        | 0.032                              |                       | 0.210     | 0.242                   | No             |

**Note:**

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is "The SAR to Peak Location Separation Ratio "

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Sum of the SAR for LTE Band 25 & 2.4GHz Wi-Fi & BT:**

| RF Exposure Conditions | Test Position | Simultaneous Transmission Scenario |                       |           | $\Sigma$ 1-g SAR (W/kg) | SPLSR (Yes/No) |
|------------------------|---------------|------------------------------------|-----------------------|-----------|-------------------------|----------------|
|                        |               | LTE Band 25                        | 2.4GHz Wi-Fi DTS Band | Bluetooth |                         |                |
| Head                   | Left Touch    | 0.189                              | 0.404                 |           | 0.593                   | No             |
|                        | Left Tilt     | 0.086                              | 0.297                 |           | 0.383                   | No             |
|                        | Right Touch   | 0.146                              | 0.256                 |           | 0.402                   | No             |
|                        | Right Tilt    | 0.048                              | 0.216                 |           | 0.264                   | No             |
|                        | Left Touch    | 0.189                              |                       | 0.420     | 0.609                   | No             |
|                        | Left Tilt     | 0.086                              |                       | 0.420     | 0.506                   | No             |
|                        | Right Touch   | 0.146                              |                       | 0.420     | 0.566                   | No             |
|                        | Right Tilt    | 0.048                              |                       | 0.420     | 0.468                   | No             |
| Body-worn              | Rear          | 0.922                              | 0.113                 |           | 1.035                   | No             |
|                        | Front         | 0.548                              | 0.141                 |           | 0.689                   | No             |
|                        | Edge 2        | 0.083                              | 0.070                 |           | 0.153                   | No             |
|                        | Rear          | 0.922                              |                       | 0.210     | 1.132                   | No             |
|                        | Front         | 0.548                              |                       | 0.210     | 0.758                   | No             |
|                        | Edge 2        | 0.083                              |                       | 0.210     | 0.293                   | No             |

**Note:**

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is "The SAR to Peak Location Separation Ratio "

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Sum of the SAR for GSM 850 & 5.2GHz Wi-Fi & BT:**

| RF Exposure Conditions | Test Position | Simultaneous Transmission Scenario |                       |           | $\Sigma$ 1-g SAR (W/kg) | SPLSR (Yes/No) |
|------------------------|---------------|------------------------------------|-----------------------|-----------|-------------------------|----------------|
|                        |               | GSM 850                            | 5.2GHz Wi-Fi DTS Band | Bluetooth |                         |                |
| Head (voice)           | Left Touch    | 0.372                              | 0.088                 |           | 0.460                   | No             |
|                        | Left Tilt     | 0.222                              | 0.045                 |           | 0.267                   | No             |
|                        | Right Touch   | 0.447                              | 0.085                 |           | 0.532                   | No             |
|                        | Right Tilt    | 0.177                              | 0.047                 |           | 0.224                   | No             |
|                        | Left Touch    | 0.372                              |                       | 0.420     | 0.792                   | No             |
|                        | Left Tilt     | 0.222                              |                       | 0.420     | 0.642                   | No             |
|                        | Right Touch   | 0.447                              |                       | 0.420     | 0.867                   | No             |
|                        | Right Tilt    | 0.177                              |                       | 0.420     | 0.597                   | No             |
| Body-worn (voice)      | Rear          | 0.521                              | 0.039                 |           | 0.560                   | No             |
|                        |               | 0.521                              |                       | 0.210     | 0.731                   | No             |
|                        | Front         | 0.387                              | 0.047                 |           | 0.434                   | No             |
|                        |               | 0.387                              |                       | 0.210     | 0.597                   | No             |
| Body-worn (Data)       | Rear          | 0.783                              |                       | 0.210     | 0.993                   | No             |
|                        |               | 0.783                              | 0.039                 |           | 0.822                   | No             |
|                        | Front         | 0.551                              |                       | 0.210     | 0.761                   | No             |
|                        |               | 0.551                              | 0.047                 |           | 0.598                   | No             |
| Body-worn (Hotspot)    | Edge 2        | 0.326                              | 0.049                 |           | 0.375                   | No             |
|                        | Edge 2        | 0.326                              |                       | 0.210     | 0.536                   | No             |

**Note:**

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is “The SAR to Peak Location Separation Ratio “

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the “Dedicated Testing/Inspection Stamp” is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



### Sum of the SAR for GSM 1900 & 5.2GHz Wi-Fi & BT:

| RF Exposure Conditions | Test Position | Simultaneous Transmission Scenario |                       |           | $\Sigma$ 1-g SAR (W/kg) | SPLSR (Yes/No) |
|------------------------|---------------|------------------------------------|-----------------------|-----------|-------------------------|----------------|
|                        |               | PCS 1900                           | 5.2GHz Wi-Fi DTS Band | Bluetooth |                         |                |
| Head (voice)           | Left Touch    | 0.075                              | 0.088                 |           | 0.163                   | No             |
|                        | Left Tilt     | 0.041                              | 0.045                 |           | 0.086                   | No             |
|                        | Right Touch   | 0.045                              | 0.085                 |           | 0.130                   | No             |
|                        | Right Tilt    | 0.041                              | 0.047                 |           | 0.088                   | No             |
|                        | Left Touch    | 0.075                              |                       | 0.420     | 0.495                   | No             |
|                        | Left Tilt     | 0.041                              |                       | 0.420     | 0.461                   | No             |
|                        | Right Touch   | 0.045                              |                       | 0.420     | 0.465                   | No             |
|                        | Right Tilt    | 0.041                              |                       | 0.420     | 0.461                   | No             |
| Body-worn (voice)      | Rear          | 0.733                              | 0.039                 |           | 0.772                   | No             |
|                        |               | 0.733                              |                       | 0.210     | 0.943                   | No             |
|                        | Front         | 0.369                              | 0.047                 |           | 0.416                   | No             |
|                        |               | 0.369                              |                       | 0.210     | 0.579                   | No             |
| Body-worn (Data)       | Rear          | 1.149                              |                       | 0.210     | 1.359                   | No             |
|                        |               | 1.149                              | 0.039                 |           | 1.188                   | No             |
|                        | Front         | 0.596                              |                       | 0.210     | 0.806                   | No             |
|                        |               | 0.596                              | 0.047                 |           | 0.643                   | No             |
| Body-worn (Hotspot)    | Edge 2        | 0.138                              | 0.049                 |           | 0.187                   | No             |
|                        | Edge 2        | 0.138                              |                       | 0.210     | 0.348                   | No             |

### Note:

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is “The SAR to Peak Location Separation Ratio “

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the “Dedicated Testing/Inspection Stamp” is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Sum of the SAR for WCDMA Band II & 5.2GHz Wi-Fi & BT:**

| RF Exposure Conditions | Test Position | Simultaneous Transmission Scenario |                       |           | Σ1-g SAR (W/kg) | SPLSR (Yes/No) |
|------------------------|---------------|------------------------------------|-----------------------|-----------|-----------------|----------------|
|                        |               | WCDMA Band II                      | 5.2GHz Wi-Fi DTS Band | Bluetooth |                 |                |
| Head                   | Left Touch    | 0.141                              | 0.088                 |           | 0.229           | No             |
|                        | Left Tilt     | 0.030                              | 0.045                 |           | 0.075           | No             |
|                        | Right Touch   | 0.079                              | 0.085                 |           | 0.164           | No             |
|                        | Right Tilt    | 0.054                              | 0.047                 |           | 0.101           | No             |
|                        | Left Touch    | 0.141                              |                       | 0.420     | 0.561           | No             |
|                        | Left Tilt     | 0.030                              |                       | 0.420     | 0.450           | No             |
|                        | Right Touch   | 0.079                              |                       | 0.420     | 0.499           | No             |
|                        | Right Tilt    | 0.054                              |                       | 0.420     | 0.474           | No             |
| Body-worn              | Rear          | 0.584                              | 0.039                 |           | 0.623           | No             |
|                        | Front         | 0.285                              | 0.047                 |           | 0.332           | No             |
|                        | Edge 2        | 0.055                              | 0.049                 |           | 0.104           | No             |
|                        | Rear          | 0.584                              |                       | 0.210     | 0.794           | No             |
|                        | Front         | 0.285                              |                       | 0.210     | 0.495           | No             |
|                        | Edge 2        | 0.055                              |                       | 0.210     | 0.265           | No             |

**Note:**

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is “The SAR to Peak Location Separation Ratio “

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the “Dedicated Testing/Inspection Stamp” is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Sum of the SAR for WCDMA Band IV & 5.2GHz Wi-Fi & BT:**

| RF Exposure Conditions | Test Position | Simultaneous Transmission Scenario |                       |           | Σ1-g SAR (W/kg) | SPLSR (Yes/No) |
|------------------------|---------------|------------------------------------|-----------------------|-----------|-----------------|----------------|
|                        |               | WCDMA Band IV                      | 5.2GHz Wi-Fi DTS Band | Bluetooth |                 |                |
| Head                   | Left Touch    | 0.225                              | 0.088                 |           | 0.313           | No             |
|                        | Left Tilt     | 0.065                              | 0.045                 |           | 0.110           | No             |
|                        | Right Touch   | 0.131                              | 0.085                 |           | 0.216           | No             |
|                        | Right Tilt    | 0.072                              | 0.047                 |           | 0.119           | No             |
|                        | Left Touch    | 0.225                              |                       | 0.420     | 0.645           | No             |
|                        | Left Tilt     | 0.065                              |                       | 0.420     | 0.485           | No             |
|                        | Right Touch   | 0.131                              |                       | 0.420     | 0.551           | No             |
|                        | Right Tilt    | 0.072                              |                       | 0.420     | 0.492           | No             |
| Body-worn              | Rear          | 0.394                              | 0.039                 |           | 0.433           | No             |
|                        | Front         | 0.325                              | 0.047                 |           | 0.372           | No             |
|                        | Edge 2        | 0.005                              | 0.049                 |           | 0.054           | No             |
|                        | Rear          | 0.394                              |                       | 0.210     | 0.604           | No             |
|                        | Front         | 0.325                              |                       | 0.210     | 0.535           | No             |
|                        | Edge 2        | 0.005                              |                       | 0.210     | 0.215           | No             |

**Note:**

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is “The SAR to Peak Location Separation Ratio “

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the “Dedicated Testing/Inspection Stamp” is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Sum of the SAR for WCDMA Band V & 5.2GHz Wi-Fi & BT:**

| RF Exposure Conditions | Test Position | Simultaneous Transmission Scenario |                       |           | Σ1-g SAR (W/kg) | SPLSR (Yes/No) |
|------------------------|---------------|------------------------------------|-----------------------|-----------|-----------------|----------------|
|                        |               | WCDMA Band V                       | 5.2GHz Wi-Fi DTS Band | Bluetooth |                 |                |
| Head                   | Left Touch    | 0.287                              | 0.088                 |           | 0.375           | No             |
|                        | Left Tilt     | 0.063                              | 0.045                 |           | 0.108           | No             |
|                        | Right Touch   | 0.234                              | 0.085                 |           | 0.319           | No             |
|                        | Right Tilt    | 0.159                              | 0.047                 |           | 0.206           | No             |
|                        | Left Touch    | 0.287                              |                       | 0.420     | 0.707           | No             |
|                        | Left Tilt     | 0.063                              |                       | 0.420     | 0.483           | No             |
|                        | Right Touch   | 0.234                              |                       | 0.420     | 0.654           | No             |
|                        | Right Tilt    | 0.159                              |                       | 0.420     | 0.579           | No             |
| Body-worn              | Rear          | 0.554                              | 0.039                 |           | 0.593           | No             |
|                        | Front         | 0.476                              | 0.047                 |           | 0.523           | No             |
|                        | Edge 2        | 0.171                              | 0.049                 |           | 0.220           | No             |
|                        | Rear          | 0.554                              |                       | 0.210     | 0.764           | No             |
|                        | Front         | 0.476                              |                       | 0.210     | 0.686           | No             |
|                        | Edge 2        | 0.171                              |                       | 0.210     | 0.381           | No             |

**Note:**

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is “The SAR to Peak Location Separation Ratio “

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the “Dedicated Testing/Inspection Stamp” is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Sum of the SAR for LTE Band 2 & 5.2GHz Wi-Fi & BT:**

| RF Exposure Conditions | Test Position | Simultaneous Transmission Scenario |                       |           | $\Sigma$ 1-g SAR (W/kg) | SPLSR (Yes/No) |
|------------------------|---------------|------------------------------------|-----------------------|-----------|-------------------------|----------------|
|                        |               | LTE Band 2                         | 5.2GHz Wi-Fi DTS Band | Bluetooth |                         |                |
| Head                   | Left Touch    | 0.251                              | 0.088                 |           | 0.339                   | No             |
|                        | Left Tilt     | 0.045                              | 0.045                 |           | 0.090                   | No             |
|                        | Right Touch   | 0.161                              | 0.085                 |           | 0.246                   | No             |
|                        | Right Tilt    | 0.072                              | 0.047                 |           | 0.119                   | No             |
|                        | Left Touch    | 0.251                              |                       | 0.420     | 0.671                   | No             |
|                        | Left Tilt     | 0.045                              |                       | 0.420     | 0.465                   | No             |
|                        | Right Touch   | 0.161                              |                       | 0.420     | 0.581                   | No             |
|                        | Right Tilt    | 0.072                              |                       | 0.420     | 0.492                   | No             |
| Body-worn              | Rear          | 0.755                              | 0.039                 |           | 0.794                   | No             |
|                        | Front         | 0.371                              | 0.047                 |           | 0.418                   | No             |
|                        | Edge 2        | 0.021                              | 0.049                 |           | 0.070                   | No             |
|                        | Rear          | 0.755                              |                       | 0.210     | 0.965                   | No             |
|                        | Front         | 0.371                              |                       | 0.210     | 0.581                   | No             |
|                        | Edge 2        | 0.021                              |                       | 0.210     | 0.231                   | No             |

**Note:**

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is "The SAR to Peak Location Separation Ratio "

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Sum of the SAR for LTE Band 4 & 5.2GHz Wi-Fi & BT:**

| RF Exposure Conditions | Test Position | Simultaneous Transmission Scenario |                       |           | $\Sigma$ 1-g SAR (W/kg) | SPLSR (Yes/No) |
|------------------------|---------------|------------------------------------|-----------------------|-----------|-------------------------|----------------|
|                        |               | LTE Band 4                         | 5.2GHz Wi-Fi DTS Band | Bluetooth |                         |                |
| Head                   | Left Touch    | 0.411                              | 0.088                 |           | 0.499                   | No             |
|                        | Left Tilt     | 0.043                              | 0.045                 |           | 0.088                   | No             |
|                        | Right Touch   | 0.265                              | 0.085                 |           | 0.350                   | No             |
|                        | Right Tilt    | 0.095                              | 0.047                 |           | 0.142                   | No             |
|                        | Left Touch    | 0.411                              |                       | 0.420     | 0.831                   | No             |
|                        | Left Tilt     | 0.043                              |                       | 0.420     | 0.463                   | No             |
|                        | Right Touch   | 0.265                              |                       | 0.420     | 0.685                   | No             |
|                        | Right Tilt    | 0.095                              |                       | 0.420     | 0.515                   | No             |
| Body-worn              | Rear          | 0.764                              | 0.039                 |           | 0.803                   | No             |
|                        | Front         | 0.541                              | 0.047                 |           | 0.588                   | No             |
|                        | Edge 2        | 0.069                              | 0.049                 |           | 0.118                   | No             |
|                        | Rear          | 0.764                              |                       | 0.210     | 0.974                   | No             |
|                        | Front         | 0.541                              |                       | 0.210     | 0.751                   | No             |
|                        | Edge 2        | 0.069                              |                       | 0.210     | 0.279                   | No             |

**Note:**

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is "The SAR to Peak Location Separation Ratio "

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Sum of the SAR for LTE Band 5 & 5.2GHz Wi-Fi & BT:**

| RF Exposure Conditions | Test Position | Simultaneous Transmission Scenario |                       |           | $\Sigma$ 1-g SAR (W/kg) | SPLSR (Yes/No) |
|------------------------|---------------|------------------------------------|-----------------------|-----------|-------------------------|----------------|
|                        |               | LTE Band 5                         | 5.2GHz Wi-Fi DTS Band | Bluetooth |                         |                |
| Head                   | Left Touch    | 0.288                              | 0.088                 |           | 0.376                   | No             |
|                        | Left Tilt     | 0.140                              | 0.045                 |           | 0.185                   | No             |
|                        | Right Touch   | 0.272                              | 0.085                 |           | 0.357                   | No             |
|                        | Right Tilt    | 0.165                              | 0.047                 |           | 0.212                   | No             |
|                        | Left Touch    | 0.288                              |                       | 0.420     | 0.708                   | No             |
|                        | Left Tilt     | 0.140                              |                       | 0.420     | 0.560                   | No             |
|                        | Right Touch   | 0.272                              |                       | 0.420     | 0.692                   | No             |
|                        | Right Tilt    | 0.165                              |                       | 0.420     | 0.585                   | No             |
| Body-worn              | Rear          | 0.302                              | 0.039                 |           | 0.341                   | No             |
|                        | Front         | 0.340                              | 0.047                 |           | 0.387                   | No             |
|                        | Edge 2        | 0.207                              | 0.049                 |           | 0.256                   | No             |
|                        | Rear          | 0.302                              |                       | 0.210     | 0.512                   | No             |
|                        | Front         | 0.340                              |                       | 0.210     | 0.550                   | No             |
|                        | Edge 2        | 0.207                              |                       | 0.210     | 0.417                   | No             |

**Note:**

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is "The SAR to Peak Location Separation Ratio "

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Sum of the SAR for LTE Band 12 & 5.2GHz Wi-Fi & BT:**

| RF Exposure Conditions | Test Position | Simultaneous Transmission Scenario |                       |           | $\Sigma$ 1-g SAR (W/kg) | SPLSR (Yes/No) |
|------------------------|---------------|------------------------------------|-----------------------|-----------|-------------------------|----------------|
|                        |               | LTE Band 12                        | 5.2GHz Wi-Fi DTS Band | Bluetooth |                         |                |
| Head                   | Left Touch    | 0.076                              | 0.088                 |           | 0.164                   | No             |
|                        | Left Tilt     | 0.032                              | 0.045                 |           | 0.077                   | No             |
|                        | Right Touch   | 0.089                              | 0.085                 |           | 0.174                   | No             |
|                        | Right Tilt    | 0.040                              | 0.047                 |           | 0.087                   | No             |
|                        | Left Touch    | 0.076                              |                       | 0.420     | 0.496                   | No             |
|                        | Left Tilt     | 0.032                              |                       | 0.420     | 0.452                   | No             |
|                        | Right Touch   | 0.089                              |                       | 0.420     | 0.509                   | No             |
|                        | Right Tilt    | 0.040                              |                       | 0.420     | 0.460                   | No             |
| Body-worn              | Rear          | 0.126                              | 0.039                 |           | 0.165                   | No             |
|                        | Front         | 0.099                              | 0.047                 |           | 0.146                   | No             |
|                        | Edge 2        | 0.084                              | 0.049                 |           | 0.133                   | No             |
|                        | Rear          | 0.126                              |                       | 0.210     | 0.336                   | No             |
|                        | Front         | 0.099                              |                       | 0.210     | 0.309                   | No             |
|                        | Edge 2        | 0.084                              |                       | 0.210     | 0.294                   | No             |

**Note:**

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is "The SAR to Peak Location Separation Ratio "

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Sum of the SAR for LTE Band 13 & 5.2GHz Wi-Fi & BT:**

| RF Exposure Conditions | Test Position | Simultaneous Transmission Scenario |                       |           | $\Sigma$ 1-g SAR (W/kg) | SPLSR (Yes/No) |
|------------------------|---------------|------------------------------------|-----------------------|-----------|-------------------------|----------------|
|                        |               | LTE Band 13                        | 5.2GHz Wi-Fi DTS Band | Bluetooth |                         |                |
| Head                   | Left Touch    | 0.095                              | 0.088                 |           | 0.183                   | No             |
|                        | Left Tilt     | 0.058                              | 0.045                 |           | 0.103                   | No             |
|                        | Right Touch   | 0.036                              | 0.085                 |           | 0.121                   | No             |
|                        | Right Tilt    | 0.022                              | 0.047                 |           | 0.069                   | No             |
|                        | Left Touch    | 0.095                              |                       | 0.420     | 0.515                   | No             |
|                        | Left Tilt     | 0.058                              |                       | 0.420     | 0.478                   | No             |
|                        | Right Touch   | 0.036                              |                       | 0.420     | 0.456                   | No             |
|                        | Right Tilt    | 0.022                              |                       | 0.420     | 0.442                   | No             |
| Body-worn              | Rear          | 0.119                              | 0.039                 |           | 0.158                   | No             |
|                        | Front         | 0.082                              | 0.047                 |           | 0.129                   | No             |
|                        | Edge 2        | 0.029                              | 0.049                 |           | 0.078                   | No             |
|                        | Rear          | 0.119                              |                       | 0.210     | 0.329                   | No             |
|                        | Front         | 0.082                              |                       | 0.210     | 0.292                   | No             |
|                        | Edge 2        | 0.029                              |                       | 0.210     | 0.239                   | No             |

**Note:**

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is “The SAR to Peak Location Separation Ratio “

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the “Dedicated Testing/Inspection Stamp” is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Sum of the SAR for LTE Band 17 & 5.2GHz Wi-Fi & BT:**

| RF Exposure Conditions | Test Position | Simultaneous Transmission Scenario |                       |           | $\Sigma$ 1-g SAR (W/kg) | SPLSR (Yes/No) |
|------------------------|---------------|------------------------------------|-----------------------|-----------|-------------------------|----------------|
|                        |               | LTE Band 17                        | 5.2GHz Wi-Fi DTS Band | Bluetooth |                         |                |
| Head                   | Left Touch    | 0.033                              | 0.088                 |           | 0.121                   | No             |
|                        | Left Tilt     | 0.031                              | 0.045                 |           | 0.076                   | No             |
|                        | Right Touch   | 0.034                              | 0.085                 |           | 0.119                   | No             |
|                        | Right Tilt    | 0.021                              | 0.047                 |           | 0.068                   | No             |
|                        | Left Touch    | 0.033                              |                       | 0.420     | 0.453                   | No             |
|                        | Left Tilt     | 0.031                              |                       | 0.420     | 0.451                   | No             |
|                        | Right Touch   | 0.034                              |                       | 0.420     | 0.454                   | No             |
|                        | Right Tilt    | 0.021                              |                       | 0.420     | 0.441                   | No             |
| Body-worn              | Rear          | 0.062                              | 0.039                 |           | 0.101                   | No             |
|                        | Front         | 0.049                              | 0.047                 |           | 0.096                   | No             |
|                        | Edge 2        | 0.032                              | 0.049                 |           | 0.081                   | No             |
|                        | Rear          | 0.062                              |                       | 0.210     | 0.272                   | No             |
|                        | Front         | 0.049                              |                       | 0.210     | 0.259                   | No             |
|                        | Edge 2        | 0.032                              |                       | 0.210     | 0.242                   | No             |

**Note:**

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is “The SAR to Peak Location Separation Ratio “

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the “Dedicated Testing/Inspection Stamp” is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Sum of the SAR for LTE Band 25 & 5.2GHz Wi-Fi & BT:**

| RF Exposure Conditions | Test Position | Simultaneous Transmission Scenario |                       |           | $\Sigma$ 1-g SAR (W/kg) | SPLSR (Yes/No) |
|------------------------|---------------|------------------------------------|-----------------------|-----------|-------------------------|----------------|
|                        |               | LTE Band 25                        | 5.2GHz Wi-Fi DTS Band | Bluetooth |                         |                |
| Head                   | Left Touch    | 0.189                              | 0.088                 |           | 0.277                   | No             |
|                        | Left Tilt     | 0.086                              | 0.045                 |           | 0.131                   | No             |
|                        | Right Touch   | 0.146                              | 0.085                 |           | 0.231                   | No             |
|                        | Right Tilt    | 0.048                              | 0.047                 |           | 0.095                   | No             |
|                        | Left Touch    | 0.189                              |                       | 0.420     | 0.609                   | No             |
|                        | Left Tilt     | 0.086                              |                       | 0.420     | 0.506                   | No             |
|                        | Right Touch   | 0.146                              |                       | 0.420     | 0.566                   | No             |
|                        | Right Tilt    | 0.048                              |                       | 0.420     | 0.468                   | No             |
| Body-worn              | Rear          | 0.922                              | 0.039                 |           | 0.961                   | No             |
|                        | Front         | 0.548                              | 0.047                 |           | 0.595                   | No             |
|                        | Edge 2        | 0.083                              | 0.049                 |           | 0.132                   | No             |
|                        | Rear          | 0.922                              |                       | 0.210     | 1.132                   | No             |
|                        | Front         | 0.548                              |                       | 0.210     | 0.758                   | No             |
|                        | Edge 2        | 0.083                              |                       | 0.210     | 0.293                   | No             |

**Note:**

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is "The SAR to Peak Location Separation Ratio "

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Sum of the SAR for GSM 850 & 5.3GHz Wi-Fi & BT:**

| RF Exposure Conditions | Test Position | Simultaneous Transmission Scenario |                       |           | $\Sigma$ 1-g SAR (W/kg) | SPLSR (Yes/No) |
|------------------------|---------------|------------------------------------|-----------------------|-----------|-------------------------|----------------|
|                        |               | GSM 850                            | 5.3GHz Wi-Fi DTS Band | Bluetooth |                         |                |
| Head (voice)           | Left Touch    | 0.372                              | 0.060                 |           | 0.432                   | No             |
|                        | Left Tilt     | 0.222                              | 0.092                 |           | 0.314                   | No             |
|                        | Right Touch   | 0.447                              | 0.039                 |           | 0.486                   | No             |
|                        | Right Tilt    | 0.177                              | 0.035                 |           | 0.212                   | No             |
|                        | Left Touch    | 0.372                              |                       | 0.420     | 0.792                   | No             |
|                        | Left Tilt     | 0.222                              |                       | 0.420     | 0.642                   | No             |
|                        | Right Touch   | 0.447                              |                       | 0.420     | 0.867                   | No             |
|                        | Right Tilt    | 0.177                              |                       | 0.420     | 0.597                   | No             |
| Body-worn (voice)      | Rear          | 0.521                              | 0.065                 |           | 0.586                   | No             |
|                        |               | 0.521                              |                       | 0.210     | 0.731                   | No             |
|                        | Front         | 0.387                              | 0.075                 |           | 0.462                   | No             |
|                        |               | 0.387                              |                       | 0.210     | 0.597                   | No             |
| Body-worn (Data)       | Rear          | 0.783                              |                       | 0.210     | 0.993                   | No             |
|                        |               | 0.783                              | 0.065                 |           | 0.848                   | No             |
|                        | Front         | 0.551                              |                       | 0.210     | 0.761                   | No             |
|                        |               | 0.551                              | 0.075                 |           | 0.626                   | No             |
| Body-worn (Hotspot)    | Edge 2        | 0.326                              | 0.039                 |           | 0.365                   | No             |
|                        | Edge 2        | 0.326                              |                       | 0.210     | 0.536                   | No             |

**Note:**

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is “The SAR to Peak Location Separation Ratio “

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the “Dedicated Testing/Inspection Stamp” is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Sum of the SAR for GSM 1900 & 5.3GHz Wi-Fi & BT:**

| RF Exposure Conditions | Test Position | Simultaneous Transmission Scenario |                       |           | $\Sigma$ 1-g SAR (W/kg) | SPLSR (Yes/No) |
|------------------------|---------------|------------------------------------|-----------------------|-----------|-------------------------|----------------|
|                        |               | PCS 1900                           | 5.3GHz Wi-Fi DTS Band | Bluetooth |                         |                |
| Head (voice)           | Left Touch    | 0.075                              | 0.060                 |           | 0.135                   | No             |
|                        | Left Tilt     | 0.041                              | 0.092                 |           | 0.133                   | No             |
|                        | Right Touch   | 0.045                              | 0.039                 |           | 0.084                   | No             |
|                        | Right Tilt    | 0.041                              | 0.035                 |           | 0.076                   | No             |
|                        | Left Touch    | 0.075                              |                       | 0.420     | 0.495                   | No             |
|                        | Left Tilt     | 0.041                              |                       | 0.420     | 0.461                   | No             |
|                        | Right Touch   | 0.045                              |                       | 0.420     | 0.465                   | No             |
|                        | Right Tilt    | 0.041                              |                       | 0.420     | 0.461                   | No             |
| Body-worn (voice)      | Rear          | 0.733                              | 0.065                 |           | 0.798                   | No             |
|                        |               | 0.733                              |                       | 0.210     | 0.943                   | No             |
|                        | Front         | 0.369                              | 0.075                 |           | 0.444                   | No             |
|                        |               | 0.369                              |                       | 0.210     | 0.579                   | No             |
| Body-worn (Data)       | Rear          | 1.149                              |                       | 0.210     | 1.359                   | No             |
|                        |               | 1.149                              | 0.065                 |           | 1.214                   | No             |
|                        | Front         | 0.596                              |                       | 0.210     | 0.806                   | No             |
|                        |               | 0.596                              | 0.075                 |           | 0.671                   | No             |
| Body-worn (Hotspot)    | Edge 2        | 0.138                              | 0.039                 |           | 0.177                   | No             |
|                        | Edge 2        | 0.138                              |                       | 0.210     | 0.348                   | No             |

**Note:**

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is “The SAR to Peak Location Separation Ratio “

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the “Dedicated Testing/Inspection Stamp” is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Sum of the SAR for WCDMA Band II & 5.3GHz Wi-Fi & BT:**

| RF Exposure Conditions | Test Position | Simultaneous Transmission Scenario |                       |           | Σ1-g SAR (W/kg) | SPLSR (Yes/No) |
|------------------------|---------------|------------------------------------|-----------------------|-----------|-----------------|----------------|
|                        |               | WCDMA Band II                      | 5.3GHz Wi-Fi DTS Band | Bluetooth |                 |                |
| Head                   | Left Touch    | 0.141                              | 0.060                 |           | 0.201           | No             |
|                        | Left Tilt     | 0.030                              | 0.092                 |           | 0.122           | No             |
|                        | Right Touch   | 0.079                              | 0.039                 |           | 0.118           | No             |
|                        | Right Tilt    | 0.054                              | 0.035                 |           | 0.089           | No             |
|                        | Left Touch    | 0.141                              |                       | 0.420     | 0.561           | No             |
|                        | Left Tilt     | 0.030                              |                       | 0.420     | 0.450           | No             |
|                        | Right Touch   | 0.079                              |                       | 0.420     | 0.499           | No             |
|                        | Right Tilt    | 0.054                              |                       | 0.420     | 0.474           | No             |
| Body-worn              | Rear          | 0.584                              | 0.065                 |           | 0.649           | No             |
|                        | Front         | 0.285                              | 0.075                 |           | 0.360           | No             |
|                        | Edge 2        | 0.055                              | 0.039                 |           | 0.094           | No             |
|                        | Rear          | 0.584                              |                       | 0.210     | 0.794           | No             |
|                        | Front         | 0.285                              |                       | 0.210     | 0.495           | No             |
|                        | Edge 2        | 0.055                              |                       | 0.210     | 0.265           | No             |

**Note:**

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is “The SAR to Peak Location Separation Ratio “

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the “Dedicated Testing/Inspection Stamp” is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Sum of the SAR for WCDMA Band IV & 5.3GHz Wi-Fi & BT:**

| RF Exposure Conditions | Test Position | Simultaneous Transmission Scenario |                       |           | Σ1-g SAR (W/kg) | SPLSR (Yes/No) |
|------------------------|---------------|------------------------------------|-----------------------|-----------|-----------------|----------------|
|                        |               | WCDMA Band IV                      | 5.3GHz Wi-Fi DTS Band | Bluetooth |                 |                |
| Head                   | Left Touch    | 0.225                              | 0.060                 |           | 0.285           | No             |
|                        | Left Tilt     | 0.065                              | 0.092                 |           | 0.157           | No             |
|                        | Right Touch   | 0.131                              | 0.039                 |           | 0.170           | No             |
|                        | Right Tilt    | 0.072                              | 0.035                 |           | 0.107           | No             |
|                        | Left Touch    | 0.225                              |                       | 0.420     | 0.645           | No             |
|                        | Left Tilt     | 0.065                              |                       | 0.420     | 0.485           | No             |
|                        | Right Touch   | 0.131                              |                       | 0.420     | 0.551           | No             |
|                        | Right Tilt    | 0.072                              |                       | 0.420     | 0.492           | No             |
| Body-worn              | Rear          | 0.394                              | 0.065                 |           | 0.459           | No             |
|                        | Front         | 0.325                              | 0.075                 |           | 0.400           | No             |
|                        | Edge 2        | 0.005                              | 0.039                 |           | 0.044           | No             |
|                        | Rear          | 0.394                              |                       | 0.210     | 0.604           | No             |
|                        | Front         | 0.325                              |                       | 0.210     | 0.535           | No             |
|                        | Edge 2        | 0.005                              |                       | 0.210     | 0.215           | No             |

**Note:**

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is “The SAR to Peak Location Separation Ratio “

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the “Dedicated Testing/Inspection Stamp” is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Sum of the SAR for WCDMA Band V & 5.3GHz Wi-Fi & BT:**

| RF Exposure Conditions | Test Position | Simultaneous Transmission Scenario |                       |           | Σ1-g SAR (W/kg) | SPLSR (Yes/No) |
|------------------------|---------------|------------------------------------|-----------------------|-----------|-----------------|----------------|
|                        |               | WCDMA Band V                       | 5.3GHz Wi-Fi DTS Band | Bluetooth |                 |                |
| Head                   | Left Touch    | 0.287                              | 0.060                 |           | 0.347           | No             |
|                        | Left Tilt     | 0.063                              | 0.092                 |           | 0.155           | No             |
|                        | Right Touch   | 0.234                              | 0.039                 |           | 0.273           | No             |
|                        | Right Tilt    | 0.159                              | 0.035                 |           | 0.194           | No             |
|                        | Left Touch    | 0.287                              |                       | 0.420     | 0.707           | No             |
|                        | Left Tilt     | 0.063                              |                       | 0.420     | 0.483           | No             |
|                        | Right Touch   | 0.234                              |                       | 0.420     | 0.654           | No             |
|                        | Right Tilt    | 0.159                              |                       | 0.420     | 0.579           | No             |
| Body-worn              | Rear          | 0.554                              | 0.065                 |           | 0.619           | No             |
|                        | Front         | 0.476                              | 0.075                 |           | 0.551           | No             |
|                        | Edge 2        | 0.171                              | 0.039                 |           | 0.210           | No             |
|                        | Rear          | 0.554                              |                       | 0.210     | 0.764           | No             |
|                        | Front         | 0.476                              |                       | 0.210     | 0.686           | No             |
|                        | Edge 2        | 0.171                              |                       | 0.210     | 0.381           | No             |

**Note:**

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is “The SAR to Peak Location Separation Ratio “

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the “Dedicated Testing/Inspection Stamp” is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Sum of the SAR for LTE Band 2 & 5.3GHz Wi-Fi & BT:**

| RF Exposure Conditions | Test Position | Simultaneous Transmission Scenario |                       |           | Σ1-g SAR (W/kg) | SPLSR (Yes/No) |
|------------------------|---------------|------------------------------------|-----------------------|-----------|-----------------|----------------|
|                        |               | LTE Band 2                         | 5.3GHz Wi-Fi DTS Band | Bluetooth |                 |                |
| Head                   | Left Touch    | 0.251                              | 0.060                 |           | 0.311           | No             |
|                        | Left Tilt     | 0.045                              | 0.092                 |           | 0.137           | No             |
|                        | Right Touch   | 0.161                              | 0.039                 |           | 0.200           | No             |
|                        | Right Tilt    | 0.072                              | 0.035                 |           | 0.107           | No             |
|                        | Left Touch    | 0.251                              |                       | 0.420     | 0.671           | No             |
|                        | Left Tilt     | 0.045                              |                       | 0.420     | 0.465           | No             |
|                        | Right Touch   | 0.161                              |                       | 0.420     | 0.581           | No             |
|                        | Right Tilt    | 0.072                              |                       | 0.420     | 0.492           | No             |
| Body-worn              | Rear          | 0.755                              | 0.065                 |           | 0.820           | No             |
|                        | Front         | 0.371                              | 0.075                 |           | 0.446           | No             |
|                        | Edge 2        | 0.021                              | 0.039                 |           | 0.060           | No             |
|                        | Rear          | 0.755                              |                       | 0.210     | 0.965           | No             |
|                        | Front         | 0.371                              |                       | 0.210     | 0.581           | No             |
|                        | Edge 2        | 0.021                              |                       | 0.210     | 0.231           | No             |

**Note:**

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is “The SAR to Peak Location Separation Ratio “

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the “Dedicated Testing/Inspection Stamp” is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Sum of the SAR for LTE Band 4 & 5.3GHz Wi-Fi & BT:**

| RF Exposure Conditions | Test Position | Simultaneous Transmission Scenario |                       |           | Σ1-g SAR (W/kg) | SPLSR (Yes/No) |
|------------------------|---------------|------------------------------------|-----------------------|-----------|-----------------|----------------|
|                        |               | LTE Band 4                         | 5.3GHz Wi-Fi DTS Band | Bluetooth |                 |                |
| Head                   | Left Touch    | 0.411                              | 0.060                 |           | 0.471           | No             |
|                        | Left Tilt     | 0.043                              | 0.092                 |           | 0.135           | No             |
|                        | Right Touch   | 0.265                              | 0.039                 |           | 0.304           | No             |
|                        | Right Tilt    | 0.095                              | 0.035                 |           | 0.130           | No             |
|                        | Left Touch    | 0.411                              |                       | 0.420     | 0.831           | No             |
|                        | Left Tilt     | 0.043                              |                       | 0.420     | 0.463           | No             |
|                        | Right Touch   | 0.265                              |                       | 0.420     | 0.685           | No             |
|                        | Right Tilt    | 0.095                              |                       | 0.420     | 0.515           | No             |
| Body-worn              | Rear          | 0.764                              | 0.065                 |           | 0.829           | No             |
|                        | Front         | 0.541                              | 0.075                 |           | 0.616           | No             |
|                        | Edge 2        | 0.069                              | 0.039                 |           | 0.108           | No             |
|                        | Rear          | 0.764                              |                       | 0.210     | 0.974           | No             |
|                        | Front         | 0.541                              |                       | 0.210     | 0.751           | No             |
|                        | Edge 2        | 0.069                              |                       | 0.210     | 0.279           | No             |

**Note:**

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is "The SAR to Peak Location Separation Ratio "

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Sum of the SAR for LTE Band 5 & 5.3GHz Wi-Fi & BT:**

| RF Exposure Conditions | Test Position | Simultaneous Transmission Scenario |                       |           | $\Sigma$ 1-g SAR (W/kg) | SPLSR (Yes/No) |
|------------------------|---------------|------------------------------------|-----------------------|-----------|-------------------------|----------------|
|                        |               | LTE Band 5                         | 5.3GHz Wi-Fi DTS Band | Bluetooth |                         |                |
| Head                   | Left Touch    | 0.288                              | 0.060                 |           | 0.348                   | No             |
|                        | Left Tilt     | 0.140                              | 0.092                 |           | 0.232                   | No             |
|                        | Right Touch   | 0.272                              | 0.039                 |           | 0.311                   | No             |
|                        | Right Tilt    | 0.165                              | 0.035                 |           | 0.200                   | No             |
|                        | Left Touch    | 0.288                              |                       | 0.420     | 0.708                   | No             |
|                        | Left Tilt     | 0.140                              |                       | 0.420     | 0.560                   | No             |
|                        | Right Touch   | 0.272                              |                       | 0.420     | 0.692                   | No             |
|                        | Right Tilt    | 0.165                              |                       | 0.420     | 0.585                   | No             |
| Body-worn              | Rear          | 0.302                              | 0.065                 |           | 0.367                   | No             |
|                        | Front         | 0.340                              | 0.075                 |           | 0.415                   | No             |
|                        | Edge 2        | 0.207                              | 0.039                 |           | 0.246                   | No             |
|                        | Rear          | 0.302                              |                       | 0.210     | 0.512                   | No             |
|                        | Front         | 0.340                              |                       | 0.210     | 0.550                   | No             |
|                        | Edge 2        | 0.207                              |                       | 0.210     | 0.417                   | No             |

**Note:**

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is “The SAR to Peak Location Separation Ratio “

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the “Dedicated Testing/Inspection Stamp” is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Sum of the SAR for LTE Band 12 & 5.3GHz Wi-Fi & BT:**

| RF Exposure Conditions | Test Position | Simultaneous Transmission Scenario |                       |           | $\Sigma$ 1-g SAR (W/kg) | SPLSR (Yes/No) |
|------------------------|---------------|------------------------------------|-----------------------|-----------|-------------------------|----------------|
|                        |               | LTE Band 12                        | 5.3GHz Wi-Fi DTS Band | Bluetooth |                         |                |
| Head                   | Left Touch    | 0.076                              | 0.060                 |           | 0.136                   | No             |
|                        | Left Tilt     | 0.032                              | 0.092                 |           | 0.124                   | No             |
|                        | Right Touch   | 0.089                              | 0.039                 |           | 0.128                   | No             |
|                        | Right Tilt    | 0.040                              | 0.035                 |           | 0.075                   | No             |
|                        | Left Touch    | 0.076                              |                       | 0.420     | 0.496                   | No             |
|                        | Left Tilt     | 0.032                              |                       | 0.420     | 0.452                   | No             |
|                        | Right Touch   | 0.089                              |                       | 0.420     | 0.509                   | No             |
|                        | Right Tilt    | 0.040                              |                       | 0.420     | 0.460                   | No             |
| Body-worn              | Rear          | 0.126                              | 0.065                 |           | 0.191                   | No             |
|                        | Front         | 0.099                              | 0.075                 |           | 0.174                   | No             |
|                        | Edge 2        | 0.084                              | 0.039                 |           | 0.123                   | No             |
|                        | Rear          | 0.126                              |                       | 0.210     | 0.336                   | No             |
|                        | Front         | 0.099                              |                       | 0.210     | 0.309                   | No             |
|                        | Edge 2        | 0.084                              |                       | 0.210     | 0.294                   | No             |

**Note:**

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is "The SAR to Peak Location Separation Ratio "

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Sum of the SAR for LTE Band 13 & 5.3GHz Wi-Fi & BT:**

| RF Exposure Conditions | Test Position | Simultaneous Transmission Scenario |                       |           | $\Sigma$ 1-g SAR (W/kg) | SPLSR (Yes/No) |
|------------------------|---------------|------------------------------------|-----------------------|-----------|-------------------------|----------------|
|                        |               | LTE Band 13                        | 5.3GHz Wi-Fi DTS Band | Bluetooth |                         |                |
| Head                   | Left Touch    | 0.095                              | 0.060                 |           | 0.155                   | No             |
|                        | Left Tilt     | 0.058                              | 0.092                 |           | 0.150                   | No             |
|                        | Right Touch   | 0.036                              | 0.039                 |           | 0.075                   | No             |
|                        | Right Tilt    | 0.022                              | 0.035                 |           | 0.057                   | No             |
|                        | Left Touch    | 0.095                              |                       | 0.420     | 0.515                   | No             |
|                        | Left Tilt     | 0.058                              |                       | 0.420     | 0.478                   | No             |
|                        | Right Touch   | 0.036                              |                       | 0.420     | 0.456                   | No             |
|                        | Right Tilt    | 0.022                              |                       | 0.420     | 0.442                   | No             |
| Body-worn              | Rear          | 0.119                              | 0.065                 |           | 0.184                   | No             |
|                        | Front         | 0.082                              | 0.075                 |           | 0.157                   | No             |
|                        | Edge 2        | 0.029                              | 0.039                 |           | 0.068                   | No             |
|                        | Rear          | 0.119                              |                       | 0.210     | 0.329                   | No             |
|                        | Front         | 0.082                              |                       | 0.210     | 0.292                   | No             |
|                        | Edge 2        | 0.029                              |                       | 0.210     | 0.239                   | No             |

**Note:**

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is "The SAR to Peak Location Separation Ratio "

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Sum of the SAR for LTE Band 17 & 5.3GHz Wi-Fi & BT:**

| RF Exposure Conditions | Test Position | Simultaneous Transmission Scenario |                       |           | $\Sigma$ 1-g SAR (W/kg) | SPLSR (Yes/No) |
|------------------------|---------------|------------------------------------|-----------------------|-----------|-------------------------|----------------|
|                        |               | LTE Band 17                        | 5.3GHz Wi-Fi DTS Band | Bluetooth |                         |                |
| Head                   | Left Touch    | 0.033                              | 0.060                 |           | 0.093                   | No             |
|                        | Left Tilt     | 0.031                              | 0.092                 |           | 0.123                   | No             |
|                        | Right Touch   | 0.034                              | 0.039                 |           | 0.073                   | No             |
|                        | Right Tilt    | 0.021                              | 0.035                 |           | 0.056                   | No             |
|                        | Left Touch    | 0.033                              |                       | 0.420     | 0.453                   | No             |
|                        | Left Tilt     | 0.031                              |                       | 0.420     | 0.451                   | No             |
|                        | Right Touch   | 0.034                              |                       | 0.420     | 0.454                   | No             |
|                        | Right Tilt    | 0.021                              |                       | 0.420     | 0.441                   | No             |
| Body-worn              | Rear          | 0.062                              | 0.065                 |           | 0.127                   | No             |
|                        | Front         | 0.049                              | 0.075                 |           | 0.124                   | No             |
|                        | Edge 2        | 0.032                              | 0.039                 |           | 0.071                   | No             |
|                        | Rear          | 0.062                              |                       | 0.210     | 0.272                   | No             |
|                        | Front         | 0.049                              |                       | 0.210     | 0.259                   | No             |
|                        | Edge 2        | 0.032                              |                       | 0.210     | 0.242                   | No             |

**Note:**

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is "The SAR to Peak Location Separation Ratio "

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Sum of the SAR for LTE Band 25 & 5.3GHz Wi-Fi & BT:**

| RF Exposure Conditions | Test Position | Simultaneous Transmission Scenario |                       |           | $\Sigma$ 1-g SAR (W/kg) | SPLSR (Yes/No) |
|------------------------|---------------|------------------------------------|-----------------------|-----------|-------------------------|----------------|
|                        |               | LTE Band 25                        | 5.3GHz Wi-Fi DTS Band | Bluetooth |                         |                |
| Head                   | Left Touch    | 0.189                              | 0.060                 |           | 0.249                   | No             |
|                        | Left Tilt     | 0.086                              | 0.092                 |           | 0.178                   | No             |
|                        | Right Touch   | 0.146                              | 0.039                 |           | 0.185                   | No             |
|                        | Right Tilt    | 0.048                              | 0.035                 |           | 0.083                   | No             |
|                        | Left Touch    | 0.189                              |                       | 0.420     | 0.609                   | No             |
|                        | Left Tilt     | 0.086                              |                       | 0.420     | 0.506                   | No             |
|                        | Right Touch   | 0.146                              |                       | 0.420     | 0.566                   | No             |
|                        | Right Tilt    | 0.048                              |                       | 0.420     | 0.468                   | No             |
| Body-worn              | Rear          | 0.922                              | 0.065                 |           | 0.987                   | No             |
|                        | Front         | 0.548                              | 0.075                 |           | 0.623                   | No             |
|                        | Edge 2        | 0.083                              | 0.039                 |           | 0.122                   | No             |
|                        | Rear          | 0.922                              |                       | 0.210     | 1.132                   | No             |
|                        | Front         | 0.548                              |                       | 0.210     | 0.758                   | No             |
|                        | Edge 2        | 0.083                              |                       | 0.210     | 0.293                   | No             |

**Note:**

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is "The SAR to Peak Location Separation Ratio "

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Sum of the SAR for GSM 850 & 5.8GHz Wi-Fi & BT:**

| RF Exposure Conditions | Test Position | Simultaneous Transmission Scenario |                       |           | $\Sigma$ 1-g SAR (W/kg) | SPLSR (Yes/No) |
|------------------------|---------------|------------------------------------|-----------------------|-----------|-------------------------|----------------|
|                        |               | GSM 850                            | 5.8GHz Wi-Fi DTS Band | Bluetooth |                         |                |
| Head (voice)           | Left Touch    | 0.372                              | 0.028                 |           | 0.400                   | No             |
|                        | Left Tilt     | 0.222                              | 0.078                 |           | 0.300                   | No             |
|                        | Right Touch   | 0.447                              | 0.083                 |           | 0.530                   | No             |
|                        | Right Tilt    | 0.177                              | 0.063                 |           | 0.240                   | No             |
|                        | Left Touch    | 0.372                              |                       | 0.420     | 0.792                   | No             |
|                        | Left Tilt     | 0.222                              |                       | 0.420     | 0.642                   | No             |
|                        | Right Touch   | 0.447                              |                       | 0.420     | 0.867                   | No             |
|                        | Right Tilt    | 0.177                              |                       | 0.420     | 0.597                   | No             |
| Body-worn (voice)      | Rear          | 0.521                              | 0.049                 |           | 0.570                   | No             |
|                        |               | 0.521                              |                       | 0.210     | 0.731                   | No             |
|                        | Front         | 0.387                              | 0.028                 |           | 0.415                   | No             |
|                        |               | 0.387                              |                       | 0.210     | 0.597                   | No             |
| Body-worn (Data)       | Rear          | 0.783                              |                       | 0.210     | 0.993                   | No             |
|                        |               | 0.783                              | 0.049                 |           | 0.832                   | No             |
|                        | Front         | 0.551                              |                       | 0.210     | 0.761                   | No             |
|                        |               | 0.551                              | 0.028                 |           | 0.579                   | No             |
| Body-worn (Hotspot)    | Edge 2        | 0.326                              | 0.026                 |           | 0.352                   | No             |
|                        | Edge 2        | 0.326                              |                       | 0.210     | 0.536                   | No             |

**Note:**

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is “The SAR to Peak Location Separation Ratio “

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the “Dedicated Testing/Inspection Stamp” is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Sum of the SAR for GSM 1900 & 5.8GHz Wi-Fi & BT:**

| RF Exposure Conditions | Test Position | Simultaneous Transmission Scenario |                       |           | $\Sigma$ 1-g SAR (W/kg) | SPLSR (Yes/No) |
|------------------------|---------------|------------------------------------|-----------------------|-----------|-------------------------|----------------|
|                        |               | PCS 1900                           | 5.8GHz Wi-Fi DTS Band | Bluetooth |                         |                |
| Head (voice)           | Left Touch    | 0.075                              | 0.028                 |           | 0.103                   | No             |
|                        | Left Tilt     | 0.041                              | 0.078                 |           | 0.119                   | No             |
|                        | Right Touch   | 0.045                              | 0.083                 |           | 0.128                   | No             |
|                        | Right Tilt    | 0.041                              | 0.063                 |           | 0.104                   | No             |
|                        | Left Touch    | 0.075                              |                       | 0.420     | 0.495                   | No             |
|                        | Left Tilt     | 0.041                              |                       | 0.420     | 0.461                   | No             |
|                        | Right Touch   | 0.045                              |                       | 0.420     | 0.465                   | No             |
|                        | Right Tilt    | 0.041                              |                       | 0.420     | 0.461                   | No             |
| Body-worn (voice)      | Rear          | 0.733                              | 0.049                 |           | 0.782                   | No             |
|                        |               | 0.733                              |                       | 0.210     | 0.943                   | No             |
|                        | Front         | 0.369                              | 0.028                 |           | 0.397                   | No             |
|                        |               | 0.369                              |                       | 0.210     | 0.579                   | No             |
| Body-worn (Data)       | Rear          | 1.149                              |                       | 0.210     | 1.359                   | No             |
|                        |               | 1.149                              | 0.049                 |           | 1.198                   | No             |
|                        | Front         | 0.596                              |                       | 0.210     | 0.806                   | No             |
|                        |               | 0.596                              | 0.028                 |           | 0.624                   | No             |
| Body-worn (Hotspot)    | Edge 2        | 0.138                              | 0.026                 |           | 0.164                   | No             |
|                        | Edge 2        | 0.138                              |                       | 0.210     | 0.348                   | No             |

**Note:**

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is “The SAR to Peak Location Separation Ratio “

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the “Dedicated Testing/Inspection Stamp” is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Sum of the SAR for WCDMA Band II & 5.8GHz Wi-Fi & BT:**

| RF Exposure Conditions | Test Position | Simultaneous Transmission Scenario |                       |           | Σ1-g SAR (W/kg) | SPLSR (Yes/No) |
|------------------------|---------------|------------------------------------|-----------------------|-----------|-----------------|----------------|
|                        |               | WCDMA Band II                      | 5.8GHz Wi-Fi DTS Band | Bluetooth |                 |                |
| Head                   | Left Touch    | 0.141                              | 0.028                 |           | 0.169           | No             |
|                        | Left Tilt     | 0.030                              | 0.078                 |           | 0.108           | No             |
|                        | Right Touch   | 0.079                              | 0.083                 |           | 0.162           | No             |
|                        | Right Tilt    | 0.054                              | 0.063                 |           | 0.117           | No             |
|                        | Left Touch    | 0.141                              |                       | 0.420     | 0.561           | No             |
|                        | Left Tilt     | 0.030                              |                       | 0.420     | 0.450           | No             |
|                        | Right Touch   | 0.079                              |                       | 0.420     | 0.499           | No             |
|                        | Right Tilt    | 0.054                              |                       | 0.420     | 0.474           | No             |
| Body-worn              | Rear          | 0.584                              | 0.049                 |           | 0.633           | No             |
|                        | Front         | 0.285                              | 0.028                 |           | 0.313           | No             |
|                        | Edge 2        | 0.055                              | 0.026                 |           | 0.081           | No             |
|                        | Rear          | 0.584                              |                       | 0.210     | 0.794           | No             |
|                        | Front         | 0.285                              |                       | 0.210     | 0.495           | No             |
|                        | Edge 2        | 0.055                              |                       | 0.210     | 0.265           | No             |

**Note:**

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is “The SAR to Peak Location Separation Ratio “

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the “Dedicated Testing/Inspection Stamp” is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Sum of the SAR for WCDMA Band IV & 5.8GHz Wi-Fi & BT:**

| RF Exposure Conditions | Test Position | Simultaneous Transmission Scenario |                       |           | Σ1-g SAR (W/kg) | SPLSR (Yes/No) |
|------------------------|---------------|------------------------------------|-----------------------|-----------|-----------------|----------------|
|                        |               | WCDMA Band IV                      | 5.8GHz Wi-Fi DTS Band | Bluetooth |                 |                |
| Head                   | Left Touch    | 0.225                              | 0.028                 |           | 0.253           | No             |
|                        | Left Tilt     | 0.065                              | 0.078                 |           | 0.143           | No             |
|                        | Right Touch   | 0.131                              | 0.083                 |           | 0.214           | No             |
|                        | Right Tilt    | 0.072                              | 0.063                 |           | 0.135           | No             |
|                        | Left Touch    | 0.225                              |                       | 0.420     | 0.645           | No             |
|                        | Left Tilt     | 0.065                              |                       | 0.420     | 0.485           | No             |
|                        | Right Touch   | 0.131                              |                       | 0.420     | 0.551           | No             |
|                        | Right Tilt    | 0.072                              |                       | 0.420     | 0.492           | No             |
| Body-worn              | Rear          | 0.394                              | 0.049                 |           | 0.443           | No             |
|                        | Front         | 0.325                              | 0.028                 |           | 0.353           | No             |
|                        | Edge 2        | 0.005                              | 0.026                 |           | 0.031           | No             |
|                        | Rear          | 0.394                              |                       | 0.210     | 0.604           | No             |
|                        | Front         | 0.325                              |                       | 0.210     | 0.535           | No             |
|                        | Edge 2        | 0.005                              |                       | 0.210     | 0.215           | No             |

**Note:**

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is “The SAR to Peak Location Separation Ratio “

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the “Dedicated Testing/Inspection Stamp” is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Sum of the SAR for WCDMA Band V & 5.8GHz Wi-Fi & BT:**

| RF Exposure Conditions | Test Position | Simultaneous Transmission Scenario |                       |           | Σ1-g SAR (W/kg) | SPLSR (Yes/No) |
|------------------------|---------------|------------------------------------|-----------------------|-----------|-----------------|----------------|
|                        |               | WCDMA Band V                       | 5.8GHz Wi-Fi DTS Band | Bluetooth |                 |                |
| Head                   | Left Touch    | 0.287                              | 0.028                 |           | 0.315           | No             |
|                        | Left Tilt     | 0.063                              | 0.078                 |           | 0.141           | No             |
|                        | Right Touch   | 0.234                              | 0.083                 |           | 0.317           | No             |
|                        | Right Tilt    | 0.159                              | 0.063                 |           | 0.222           | No             |
|                        | Left Touch    | 0.287                              |                       | 0.420     | 0.707           | No             |
|                        | Left Tilt     | 0.063                              |                       | 0.420     | 0.483           | No             |
|                        | Right Touch   | 0.234                              |                       | 0.420     | 0.654           | No             |
|                        | Right Tilt    | 0.159                              |                       | 0.420     | 0.579           | No             |
| Body-worn              | Rear          | 0.554                              | 0.049                 |           | 0.603           | No             |
|                        | Front         | 0.476                              | 0.028                 |           | 0.504           | No             |
|                        | Edge 2        | 0.171                              | 0.026                 |           | 0.197           | No             |
|                        | Rear          | 0.554                              |                       | 0.210     | 0.764           | No             |
|                        | Front         | 0.476                              |                       | 0.210     | 0.686           | No             |
|                        | Edge 2        | 0.171                              |                       | 0.210     | 0.381           | No             |

**Note:**

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is “The SAR to Peak Location Separation Ratio “

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the “Dedicated Testing/Inspection Stamp” is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Sum of the SAR for LTE Band 2 & 5.8GHz Wi-Fi & BT:**

| RF Exposure Conditions | Test Position | Simultaneous Transmission Scenario |                       |           | Σ1-g SAR (W/kg) | SPLSR (Yes/No) |
|------------------------|---------------|------------------------------------|-----------------------|-----------|-----------------|----------------|
|                        |               | LTE Band 2                         | 5.8GHz Wi-Fi DTS Band | Bluetooth |                 |                |
| Head                   | Left Touch    | 0.251                              | 0.028                 |           | 0.279           | No             |
|                        | Left Tilt     | 0.045                              | 0.078                 |           | 0.123           | No             |
|                        | Right Touch   | 0.161                              | 0.083                 |           | 0.244           | No             |
|                        | Right Tilt    | 0.072                              | 0.063                 |           | 0.135           | No             |
|                        | Left Touch    | 0.251                              |                       | 0.420     | 0.671           | No             |
|                        | Left Tilt     | 0.045                              |                       | 0.420     | 0.465           | No             |
|                        | Right Touch   | 0.161                              |                       | 0.420     | 0.581           | No             |
|                        | Right Tilt    | 0.072                              |                       | 0.420     | 0.492           | No             |
| Body-worn              | Rear          | 0.755                              | 0.049                 |           | 0.804           | No             |
|                        | Front         | 0.371                              | 0.028                 |           | 0.399           | No             |
|                        | Edge 2        | 0.021                              | 0.026                 |           | 0.047           | No             |
|                        | Rear          | 0.755                              |                       | 0.210     | 0.965           | No             |
|                        | Front         | 0.371                              |                       | 0.210     | 0.581           | No             |
|                        | Edge 2        | 0.021                              |                       | 0.210     | 0.231           | No             |

**Note:**

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is “The SAR to Peak Location Separation Ratio “

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the “Dedicated Testing/Inspection Stamp” is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Sum of the SAR for LTE Band 4 & 5.8GHz Wi-Fi & BT:**

| RF Exposure Conditions | Test Position | Simultaneous Transmission Scenario |                       |           | $\Sigma$ 1-g SAR (W/kg) | SPLSR (Yes/No) |
|------------------------|---------------|------------------------------------|-----------------------|-----------|-------------------------|----------------|
|                        |               | LTE Band 4                         | 5.8GHz Wi-Fi DTS Band | Bluetooth |                         |                |
| Head                   | Left Touch    | 0.411                              | 0.028                 |           | 0.439                   | No             |
|                        | Left Tilt     | 0.043                              | 0.078                 |           | 0.121                   | No             |
|                        | Right Touch   | 0.265                              | 0.083                 |           | 0.348                   | No             |
|                        | Right Tilt    | 0.095                              | 0.063                 |           | 0.158                   | No             |
|                        | Left Touch    | 0.411                              |                       | 0.420     | 0.831                   | No             |
|                        | Left Tilt     | 0.043                              |                       | 0.420     | 0.463                   | No             |
|                        | Right Touch   | 0.265                              |                       | 0.420     | 0.685                   | No             |
|                        | Right Tilt    | 0.095                              |                       | 0.420     | 0.515                   | No             |
| Body-worn              | Rear          | 0.764                              | 0.049                 |           | 0.813                   | No             |
|                        | Front         | 0.541                              | 0.028                 |           | 0.569                   | No             |
|                        | Edge 2        | 0.069                              | 0.026                 |           | 0.095                   | No             |
|                        | Rear          | 0.764                              |                       | 0.210     | 0.974                   | No             |
|                        | Front         | 0.541                              |                       | 0.210     | 0.751                   | No             |
|                        | Edge 2        | 0.069                              |                       | 0.210     | 0.279                   | No             |

**Note:**

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is "The SAR to Peak Location Separation Ratio "

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Sum of the SAR for LTE Band 5 & 5.8GHz Wi-Fi & BT:**

| RF Exposure Conditions | Test Position | Simultaneous Transmission Scenario |                       |           | $\Sigma$ 1-g SAR (W/kg) | SPLSR (Yes/No) |
|------------------------|---------------|------------------------------------|-----------------------|-----------|-------------------------|----------------|
|                        |               | LTE Band 5                         | 5.8GHz Wi-Fi DTS Band | Bluetooth |                         |                |
| Head                   | Left Touch    | 0.288                              | 0.028                 |           | 0.316                   | No             |
|                        | Left Tilt     | 0.140                              | 0.078                 |           | 0.218                   | No             |
|                        | Right Touch   | 0.272                              | 0.083                 |           | 0.355                   | No             |
|                        | Right Tilt    | 0.165                              | 0.063                 |           | 0.228                   | No             |
|                        | Left Touch    | 0.288                              |                       | 0.420     | 0.708                   | No             |
|                        | Left Tilt     | 0.140                              |                       | 0.420     | 0.560                   | No             |
|                        | Right Touch   | 0.272                              |                       | 0.420     | 0.692                   | No             |
|                        | Right Tilt    | 0.165                              |                       | 0.420     | 0.585                   | No             |
| Body-worn              | Rear          | 0.302                              | 0.049                 |           | 0.351                   | No             |
|                        | Front         | 0.340                              | 0.028                 |           | 0.368                   | No             |
|                        | Edge 2        | 0.207                              | 0.026                 |           | 0.233                   | No             |
|                        | Rear          | 0.302                              |                       | 0.210     | 0.512                   | No             |
|                        | Front         | 0.340                              |                       | 0.210     | 0.550                   | No             |
|                        | Edge 2        | 0.207                              |                       | 0.210     | 0.417                   | No             |

**Note:**

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is “The SAR to Peak Location Separation Ratio “

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the “Dedicated Testing/Inspection Stamp” is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Sum of the SAR for LTE Band 12 & 5.8GHz Wi-Fi & BT:**

| RF Exposure Conditions | Test Position | Simultaneous Transmission Scenario |                       |           | $\Sigma$ 1-g SAR (W/kg) | SPLSR (Yes/No) |
|------------------------|---------------|------------------------------------|-----------------------|-----------|-------------------------|----------------|
|                        |               | LTE Band 12                        | 5.8GHz Wi-Fi DTS Band | Bluetooth |                         |                |
| Head                   | Left Touch    | 0.076                              | 0.028                 |           | 0.104                   | No             |
|                        | Left Tilt     | 0.032                              | 0.078                 |           | 0.110                   | No             |
|                        | Right Touch   | 0.089                              | 0.083                 |           | 0.172                   | No             |
|                        | Right Tilt    | 0.040                              | 0.063                 |           | 0.103                   | No             |
|                        | Left Touch    | 0.076                              |                       | 0.420     | 0.496                   | No             |
|                        | Left Tilt     | 0.032                              |                       | 0.420     | 0.452                   | No             |
|                        | Right Touch   | 0.089                              |                       | 0.420     | 0.509                   | No             |
|                        | Right Tilt    | 0.040                              |                       | 0.420     | 0.460                   | No             |
| Body-worn              | Rear          | 0.126                              | 0.049                 |           | 0.175                   | No             |
|                        | Front         | 0.099                              | 0.028                 |           | 0.127                   | No             |
|                        | Edge 2        | 0.084                              | 0.026                 |           | 0.110                   | No             |
|                        | Rear          | 0.126                              |                       | 0.210     | 0.336                   | No             |
|                        | Front         | 0.099                              |                       | 0.210     | 0.309                   | No             |
|                        | Edge 2        | 0.084                              |                       | 0.210     | 0.294                   | No             |

**Note:**

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is "The SAR to Peak Location Separation Ratio "

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Sum of the SAR for LTE Band 13 & 5.8GHz Wi-Fi & BT:**

| RF Exposure Conditions | Test Position | Simultaneous Transmission Scenario |                       |           | $\Sigma$ 1-g SAR (W/kg) | SPLSR (Yes/No) |
|------------------------|---------------|------------------------------------|-----------------------|-----------|-------------------------|----------------|
|                        |               | LTE Band 13                        | 5.8GHz Wi-Fi DTS Band | Bluetooth |                         |                |
| Head                   | Left Touch    | 0.095                              | 0.028                 |           | 0.123                   | No             |
|                        | Left Tilt     | 0.058                              | 0.078                 |           | 0.136                   | No             |
|                        | Right Touch   | 0.036                              | 0.083                 |           | 0.119                   | No             |
|                        | Right Tilt    | 0.022                              | 0.063                 |           | 0.085                   | No             |
|                        | Left Touch    | 0.095                              |                       | 0.420     | 0.515                   | No             |
|                        | Left Tilt     | 0.058                              |                       | 0.420     | 0.478                   | No             |
|                        | Right Touch   | 0.036                              |                       | 0.420     | 0.456                   | No             |
|                        | Right Tilt    | 0.022                              |                       | 0.420     | 0.442                   | No             |
| Body-worn              | Rear          | 0.119                              | 0.049                 |           | 0.168                   | No             |
|                        | Front         | 0.082                              | 0.028                 |           | 0.110                   | No             |
|                        | Edge 2        | 0.029                              | 0.026                 |           | 0.055                   | No             |
|                        | Rear          | 0.119                              |                       | 0.210     | 0.329                   | No             |
|                        | Front         | 0.082                              |                       | 0.210     | 0.292                   | No             |
|                        | Edge 2        | 0.029                              |                       | 0.210     | 0.239                   | No             |

**Note:**

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is "The SAR to Peak Location Separation Ratio "

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Sum of the SAR for LTE Band 17 & 5.8GHz Wi-Fi & BT:**

| RF Exposure Conditions | Test Position | Simultaneous Transmission Scenario |                       |           | $\Sigma$ 1-g SAR (W/kg) | SPLSR (Yes/No) |
|------------------------|---------------|------------------------------------|-----------------------|-----------|-------------------------|----------------|
|                        |               | LTE Band 17                        | 5.8GHz Wi-Fi DTS Band | Bluetooth |                         |                |
| Head                   | Left Touch    | 0.033                              | 0.028                 |           | 0.061                   | No             |
|                        | Left Tilt     | 0.031                              | 0.078                 |           | 0.109                   | No             |
|                        | Right Touch   | 0.034                              | 0.083                 |           | 0.117                   | No             |
|                        | Right Tilt    | 0.021                              | 0.063                 |           | 0.084                   | No             |
|                        | Left Touch    | 0.033                              |                       | 0.420     | 0.453                   | No             |
|                        | Left Tilt     | 0.031                              |                       | 0.420     | 0.451                   | No             |
|                        | Right Touch   | 0.034                              |                       | 0.420     | 0.454                   | No             |
|                        | Right Tilt    | 0.021                              |                       | 0.420     | 0.441                   | No             |
| Body-worn              | Rear          | 0.062                              | 0.049                 |           | 0.111                   | No             |
|                        | Front         | 0.049                              | 0.028                 |           | 0.077                   | No             |
|                        | Edge 2        | 0.032                              | 0.026                 |           | 0.058                   | No             |
|                        | Rear          | 0.062                              |                       | 0.210     | 0.272                   | No             |
|                        | Front         | 0.049                              |                       | 0.210     | 0.259                   | No             |
|                        | Edge 2        | 0.032                              |                       | 0.210     | 0.242                   | No             |

**Note:**

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is "The SAR to Peak Location Separation Ratio "

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Sum of the SAR for LTE Band 25 & 5.8GHz Wi-Fi & BT:**

| RF Exposure Conditions | Test Position | Simultaneous Transmission Scenario |                       |           | $\Sigma$ 1-g SAR (W/kg) | SPLSR (Yes/No) |
|------------------------|---------------|------------------------------------|-----------------------|-----------|-------------------------|----------------|
|                        |               | LTE Band 25                        | 5.8GHz Wi-Fi DTS Band | Bluetooth |                         |                |
| Head                   | Left Touch    | 0.189                              | 0.028                 |           | 0.217                   | No             |
|                        | Left Tilt     | 0.086                              | 0.078                 |           | 0.164                   | No             |
|                        | Right Touch   | 0.146                              | 0.083                 |           | 0.229                   | No             |
|                        | Right Tilt    | 0.048                              | 0.063                 |           | 0.111                   | No             |
|                        | Left Touch    | 0.189                              |                       | 0.420     | 0.609                   | No             |
|                        | Left Tilt     | 0.086                              |                       | 0.420     | 0.506                   | No             |
|                        | Right Touch   | 0.146                              |                       | 0.420     | 0.566                   | No             |
|                        | Right Tilt    | 0.048                              |                       | 0.420     | 0.468                   | No             |
| Body-worn              | Rear          | 0.922                              | 0.049                 |           | 0.971                   | No             |
|                        | Front         | 0.548                              | 0.028                 |           | 0.576                   | No             |
|                        | Edge 2        | 0.083                              | 0.026                 |           | 0.109                   | No             |
|                        | Rear          | 0.922                              |                       | 0.210     | 1.132                   | No             |
|                        | Front         | 0.548                              |                       | 0.210     | 0.758                   | No             |
|                        | Edge 2        | 0.083                              |                       | 0.210     | 0.293                   | No             |

**Note:**

- According to KDB 447498 D01 General RF Exposure Guidance, when the simultaneous transmission SAR is less than 1.6 W/kg, SPLSR assessment is not required.
- SPLSR mean is "The SAR to Peak Location Separation Ratio "

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



## APPENDIX A. SAR SYSTEM CHECK DATA

Test Laboratory: AGC Lab  
System Check Head 750MHz  
DUT: Dipole 750 MHz Type: SID 750

Date: Jan. 08, 2022

Communication System: CW; Communication System Band: D750 (750.0 MHz); Duty Cycle: 1:1;  
Frequency: 750 MHz; Medium parameters used:  $f = 750\text{MHz}$ ;  $\sigma = 0.88\text{ mho/m}$ ;  $\epsilon_r = 42.72$ ;  $\rho = 1000\text{ kg/m}^3$ ;  
Phantom section: Flat Section; Input Power=18dBm  
Ambient temperature ( $^{\circ}\text{C}$ ): 21.1, Liquid temperature ( $^{\circ}\text{C}$ ): 20.9

### DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(10.37, 10.37, 10.37); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/System Check 750MHz/Area Scan (9x14x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (measured) = 0.718 W/kg

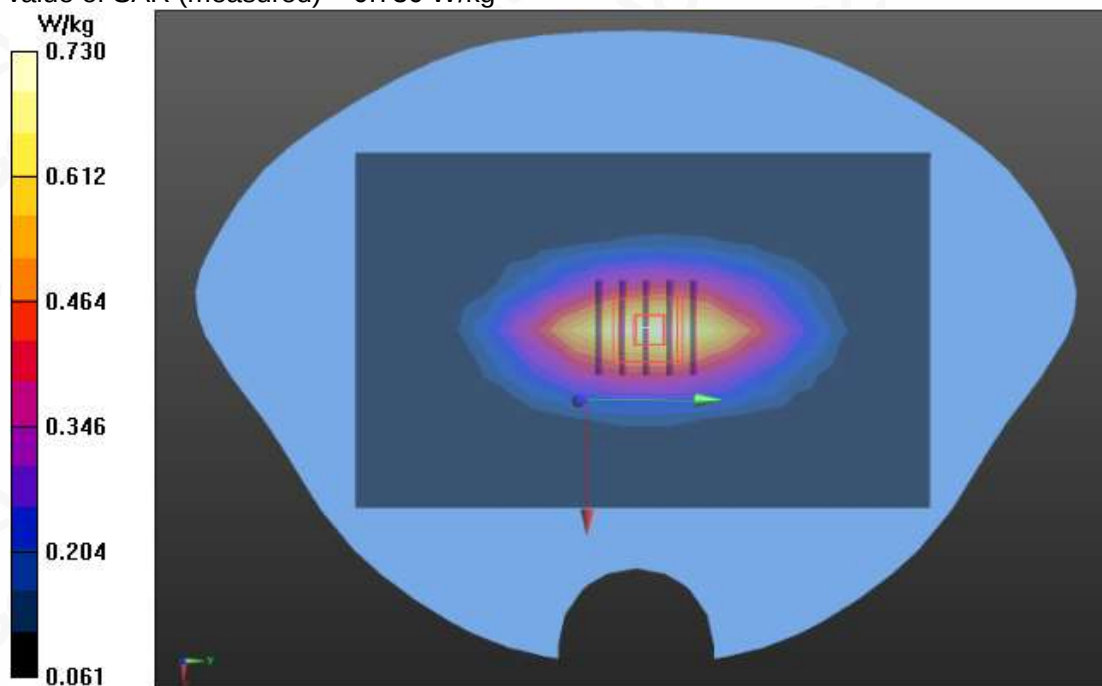
**Configuration/System Check 750MHz/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 26.428 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.842 W/kg

**SAR(1 g) = 0.542 W/kg; SAR(10 g) = 0.341 W/kg**

Maximum value of SAR (measured) = 0.730 W/kg



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by [agc@agc-cert.com](mailto:agc@agc-cert.com).

Attestation of Global Compliance(Shenzhen)Co., Ltd

Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: [agc@agc-cert.com](mailto:agc@agc-cert.com) Web: <http://cn.agc-cert.com/>



**Test Laboratory: AGC Lab**  
**System Check Head 835 MHz**  
**DUT: Dipole 835 MHz    Type: SID 835**

**Date: Jan. 06, 2022**

Communication System CW; Communication System Band: D835 (835.0 MHz); Duty Cycle: 1:1;  
Frequency: 835 MHz; Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.91 \text{ mho/m}$ ;  $\epsilon_r = 41.26$ ;  $\rho = 1000 \text{ kg/m}^3$  ;  
Phantom section: Flat Section; Input Power=18dBm  
Ambient temperature ( $^{\circ}\text{C}$ ):20.6, Liquid temperature ( $^{\circ}\text{C}$ ): 20.4

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(10.01, 10.01, 10.01); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/System Check Head 835MHz/Area Scan (9x14x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (measured) = 0.784 W/kg

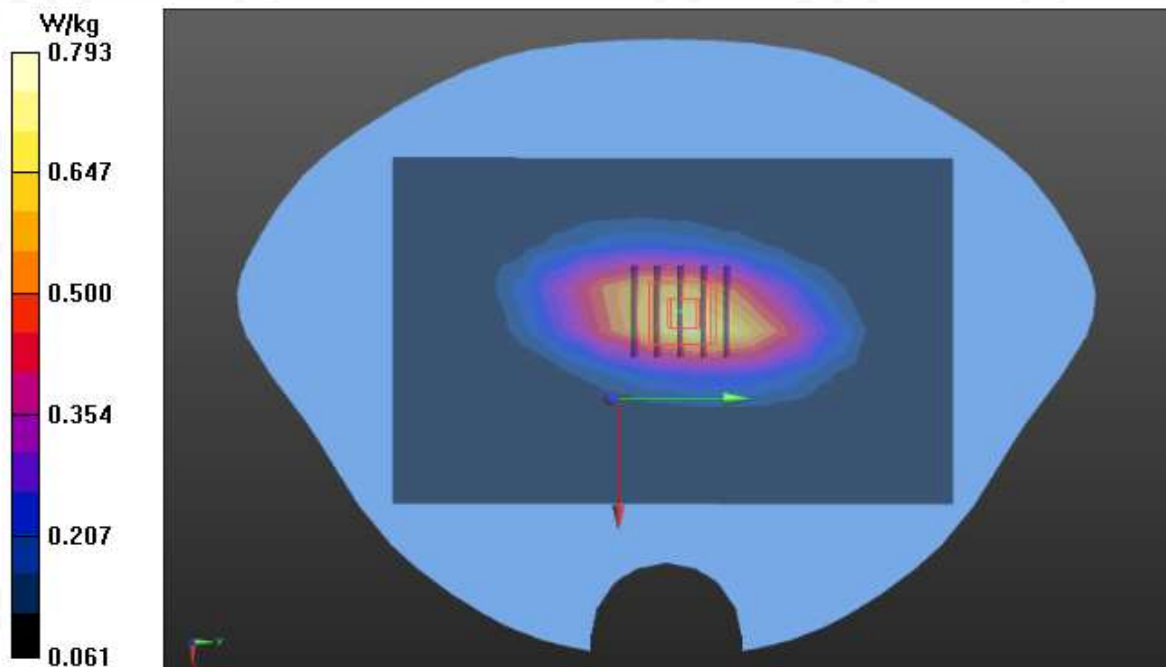
**Configuration/System Check Head 835MHz/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 23.157 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.01 W/kg

**SAR(1 g) = 0.609 W/kg; SAR(10 g) = 0.386 W/kg**

Maximum value of SAR (measured) = 0.793 W/kg



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by [agc@agc-cert.com](mailto:agc@agc-cert.com).

Attestation of Global Compliance(Shenzhen)Co., Ltd

Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: [agc@agc-cert.com](mailto:agc@agc-cert.com) Web: <http://cn.agc-cert.com/>



**Test Laboratory: AGC Lab**  
**System Check Head 835 MHz**  
**DUT: Dipole 835 MHz    Type: SID 835**

**Date: Jan. 14, 2022**

Communication System CW; Communication System Band: D835 (835.0 MHz); Duty Cycle: 1:1;  
Frequency: 835 MHz; Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.88 \text{ mho/m}$ ;  $\epsilon_r = 41.59$ ;  $\rho = 1000 \text{ kg/m}^3$  ;  
Phantom section: Flat Section; Input Power=18dBm  
Ambient temperature ( $^{\circ}\text{C}$ ): 21.2, Liquid temperature ( $^{\circ}\text{C}$ ): 21.0

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(10.01, 10.01, 10.01); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/System Check Head 835MHz/Area Scan (9x14x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$   
Maximum value of SAR (measured) = 0.710W/kg

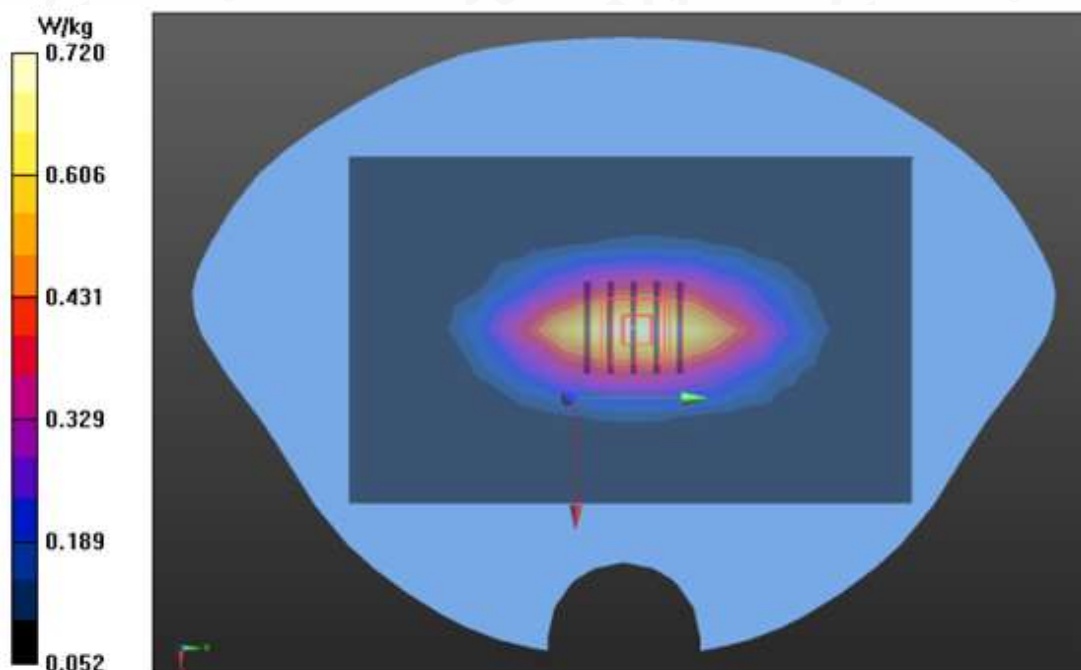
**Configuration/System Check Head 835MHz/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 27.366 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.984 W/kg

**SAR(1 g) = 0.615 W/kg; SAR(10 g) = 0.400 W/kg**

Maximum value of SAR (measured) = 0.720 W/kg



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by [agc@agc-cert.com](mailto:agc@agc-cert.com).

Attestation of Global Compliance(Shenzhen)Co., Ltd

Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: [agc@agc-cert.com](mailto:agc@agc-cert.com) Web: <http://cn.agc-cert.com/>



**Test Laboratory: AGC Lab**  
**System Check Head 1750MHz**  
**DUT: Dipole 1800 MHz; Type: SID 1800**

**Date: Jan. 05, 2022**

Communication System: CW; Communication System Band: D1700 (1750.0 MHz); Duty Cycle: 1:1;  
Frequency: 1750 MHz; Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.39$  mho/m;  $\epsilon_r = 39.64$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section; Input Power=18dBm  
Ambient temperature (°C): 20.3, Liquid temperature (°C): 20.1

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(8.55, 8.55, 8.55); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/System Check Head 1750MHz/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 2.75 W/kg

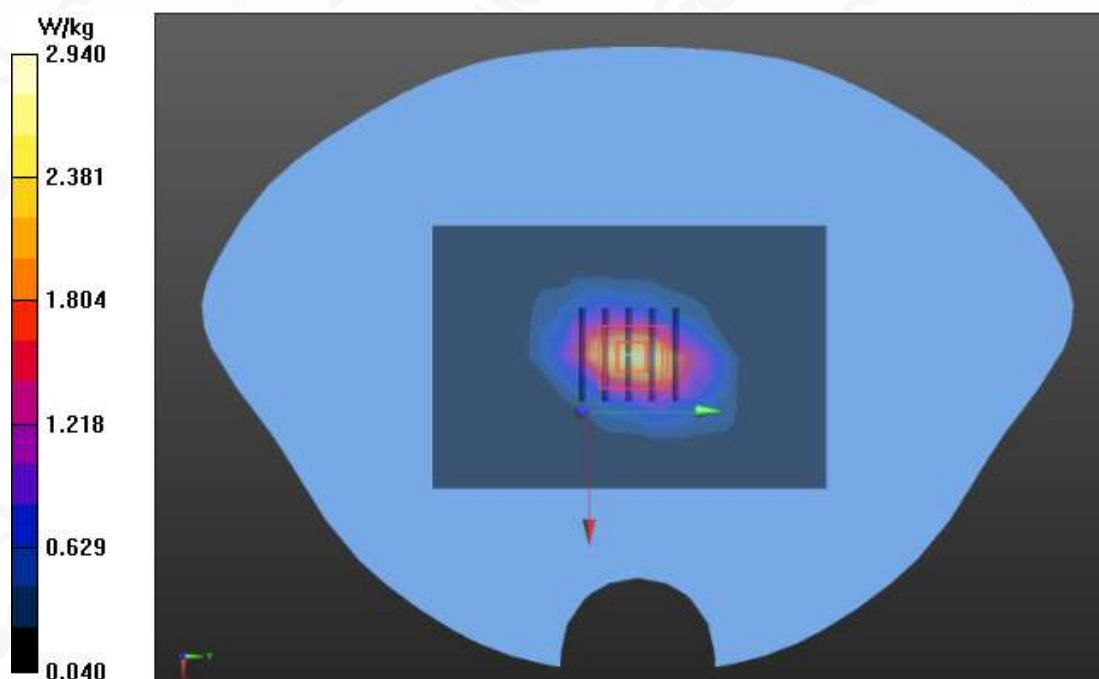
**Configuration/System Check Head 1750MHz /Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 47.257 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 4.26 W/kg

**SAR(1 g) = 2.39 W/kg; SAR(10 g) = 1.20 W/kg**

Maximum value of SAR (measured) = 2.94 W/kg



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd

Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Test Laboratory: AGC Lab**  
**System Check Head 1900MHz**  
**DUT: Dipole 1900 MHz; Type: SID 1900**

**Date: Jan. 04, 2022**

Communication System: CW; Communication System Band: D1900 (1900.0 MHz); Duty Cycle:1:1;  
Frequency: 1900 MHz; Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.37$  mho/m;  $\epsilon_r = 39.74$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section; Input Power=18dBm  
Ambient temperature (°C):20.7, Liquid temperature (°C): 20.5

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(8.26, 8.26, 8.26); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/System Check Head 1900MHz/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 2.75 W/kg

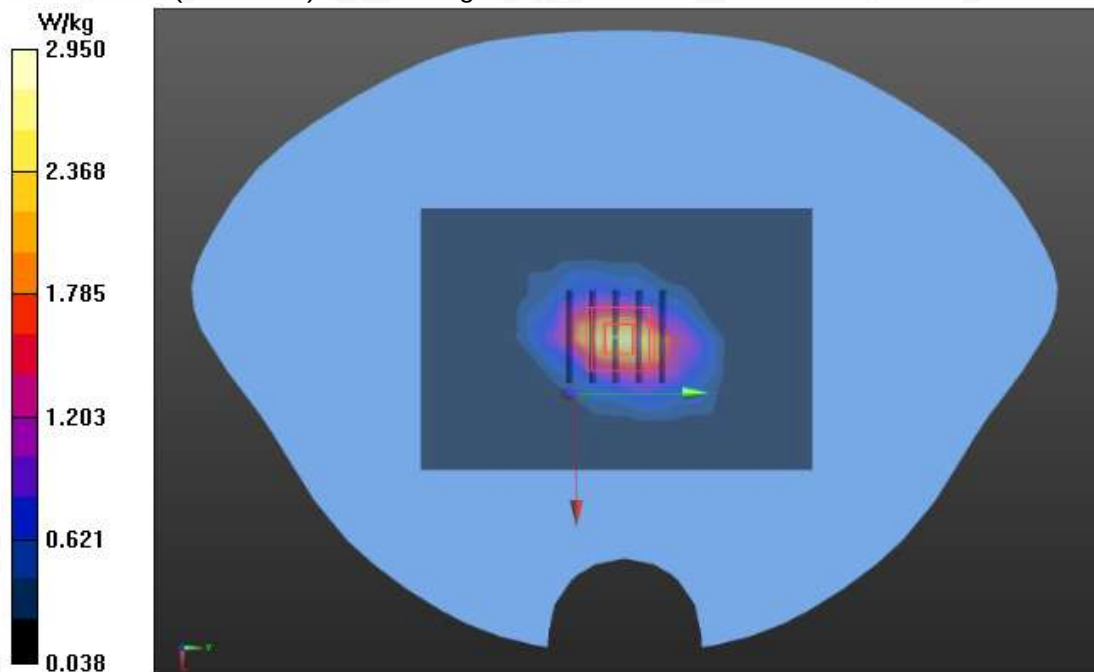
**Configuration/System Check Head 1900MHz /Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 47.367 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 4.22 W/kg

**SAR(1 g) = 2.36 W/kg; SAR(10 g) = 1.25 W/kg**

Maximum value of SAR (measured) = 2.95 W/kg



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd

Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Test Laboratory: AGC Lab**  
**System Check Head 1900MHz**  
**DUT: Dipole 1900 MHz; Type: SID 1900**

**Date: Dec. 29, 2021**

Communication System: CW; Communication System Band: D1900 (1900.0 MHz); Duty Cycle:1:1;  
Frequency: 1900 MHz; Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 39.72$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section; Input Power=18dBm  
Ambient temperature (°C): 20.5, Liquid temperature (°C): 20.3

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(8.26, 8.26, 8.26); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0$ , 31.0
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/System Check Head 1900MHz/Area Scan (7x9x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 3.01 W/kg

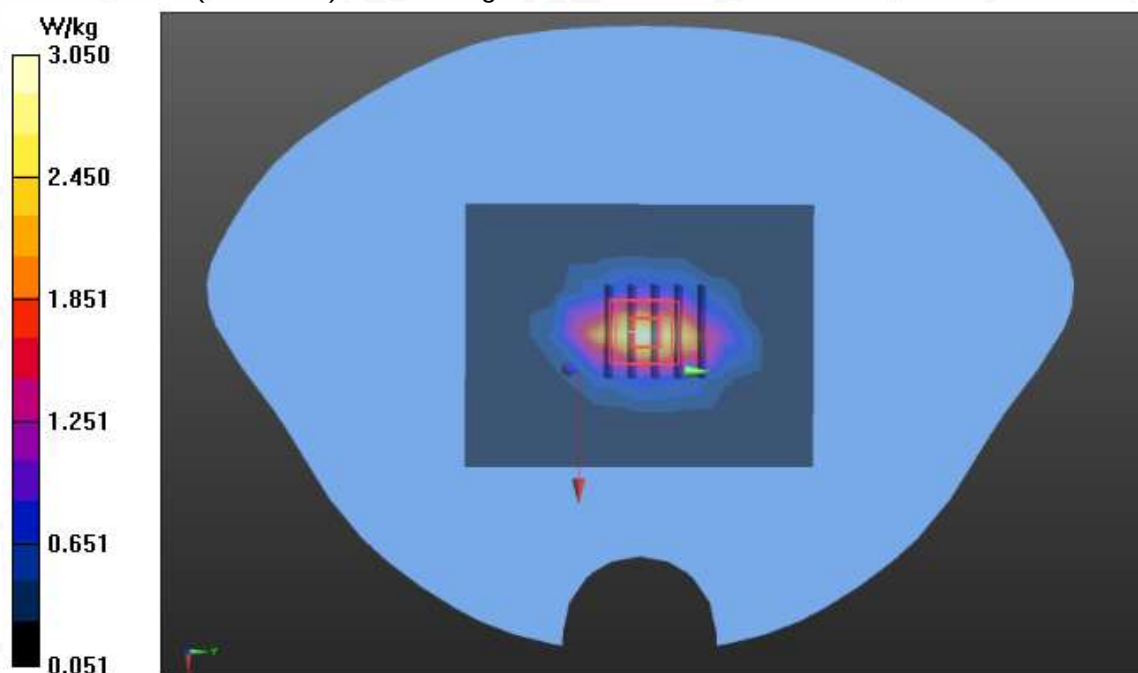
**Configuration/System Check Head 1900MHz/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 47.437 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 4.42 W/kg

**SAR(1 g) = 2.38 W/kg; SAR(10 g) = 1.23 W/kg**

Maximum value of SAR (measured) = 3.05 W/kg



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd

Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Test Laboratory: AGC Lab**  
**System Check Head 2450 MHz**  
**DUT: Dipole 2450 MHz    Type: SID 2450**

**Date: Jan. 07, 2022**

Communication System CW; Communication System Band: D2450 (2450.0 MHz); Duty Cycle: 1:1;  
Frequency: 2450 MHz; Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.82$  mho/m;  $\epsilon_r = 38.94$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section; Input Power=18dBm  
Ambient temperature (°C): 20.5, Liquid temperature (°C): 20.3

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(7.60, 7.60, 7.60); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/System Check Head 2450Hz/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 3.52 W/kg

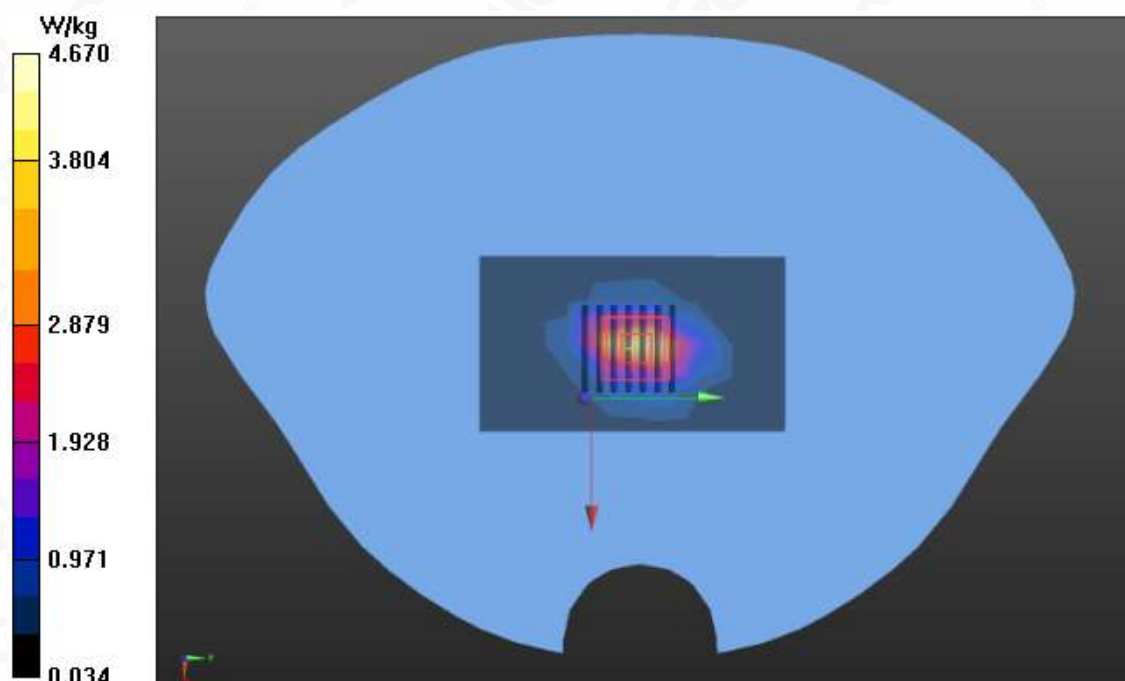
**Configuration/System Check Head 2450Hz/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 47.842 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 7.39 W/kg

**SAR(1 g) = 3.52 W/kg; SAR(10 g) = 1.56 W/kg**

Maximum value of SAR (measured) = 4.67 W/kg



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd

Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Test Laboratory: AGC Lab**  
**System Check Head 5200 MHz**  
**DUT: Dipole 5000MHz Type: SWG5500**

**Date: Jan. 05, 2022**

Communication System: CW; Communication System Band: D5000 (5000.0 MHz); Duty Cycle: 1:1;  
Frequency: 5200 MHz; Medium parameters used:  $f = 5250$  MHz;  $\sigma = 4.62$  mho/m;  $\epsilon_r = 35.9$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section; Input Power=10dBm  
Ambient temperature (°C): 20.3, Liquid temperature (°C): 20.1,

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(5.42, 5.42, 5.42); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0$ , 31.0
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/System Check 5200MHz Head/Area Scan (10x13x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.94 W/kg

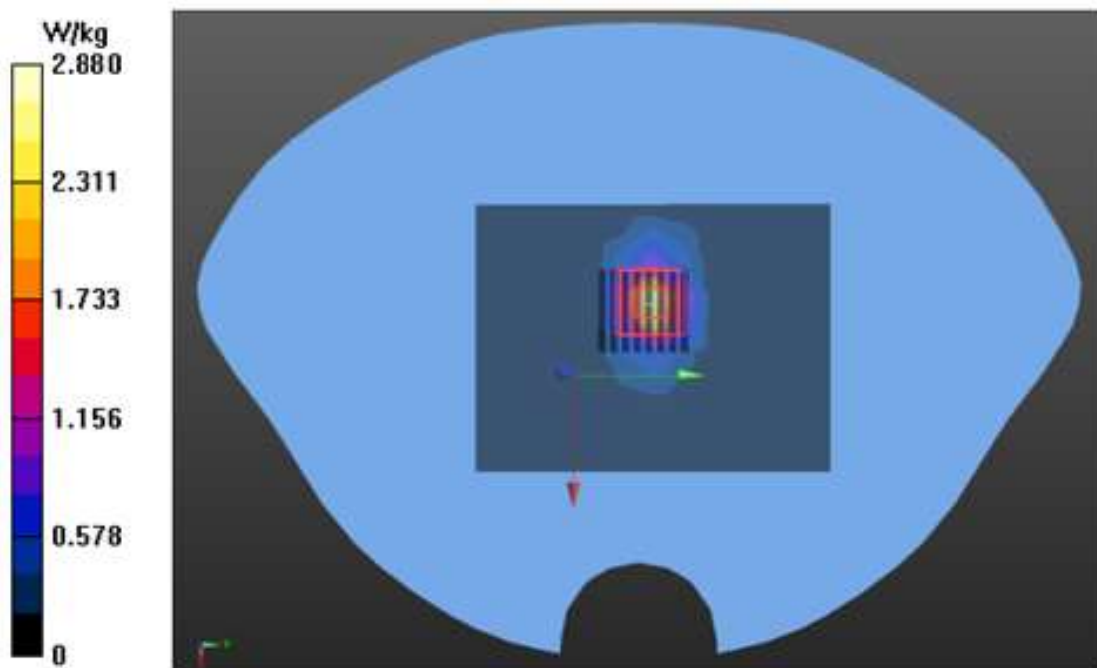
**Configuration/System Check 5200MHz Head/Zoom Scan (8x8x13)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 17.336 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 5.26 W/kg

**SAR(1 g) = 1.55 W/kg; SAR(10 g) = 0.543 W/kg**

Maximum value of SAR (measured) = 2.88 W/kg



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd

Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Test Laboratory: AGC Lab**  
**System Check Head 5200 MHz**  
**DUT: Dipole 5000MHz Type: SWG5500**

**Date: Jan. 06, 2022**

Communication System: CW; Communication System Band: D5000 (5000.0 MHz); Duty Cycle: 1:1;  
Frequency: 5200 MHz; Medium parameters used:  $f = 5250$  MHz;  $\sigma = 4.80$  mho/m;  $\epsilon_r = 36.12$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section; Input Power=10dBm  
Ambient temperature (°C): 20.6, Liquid temperature (°C): 20.4,

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(5.42, 5.42, 5.42); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: Apr. 23,2020
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/System Check 5400MHz Head/Area Scan (10x13x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm

Maximum value of SAR (measured) = 2.43 W/kg

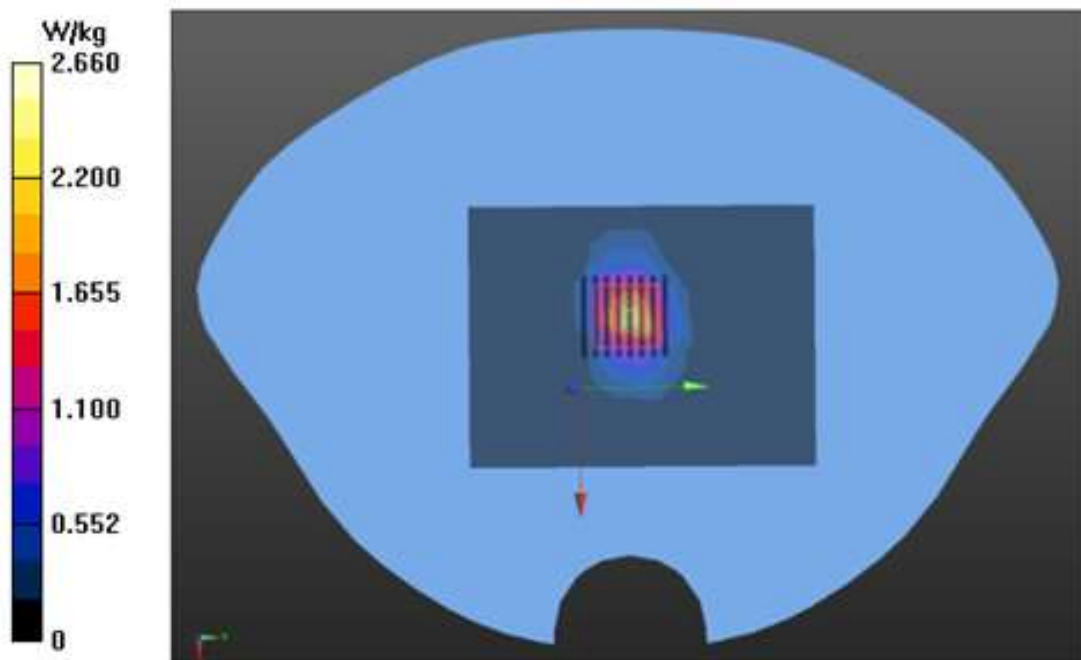
**Configuration/System Check 5400MHz Head /Zoom Scan (8x8x13)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

Reference Value = 20.147 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 5.11 W/kg

**SAR(1 g) = 1.59 W/kg; SAR(10 g) = 0.542 W/kg**

Maximum value of SAR (measured) = 2.66 W/kg



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd

Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Test Laboratory: AGC Lab**  
**System Check Head 5800 MHz**  
**DUT: Dipole 5000MHz Type: SWG5500**

**Date: Jan. 07, 2022**

Communication System: CW; Communication System Band: D5000 (5000.0 MHz); Duty Cycle: 1:1;  
Frequency: 5800 MHz; Medium parameters used:  $f = 5750$  MHz;  $\sigma = 5.20$  mho/m;  $\epsilon_r = 35.33$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section; Input Power=10dBm  
Ambient temperature (°C): 20.5, Liquid temperature (°C): 20.3,

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(4.96, 4.96, 4.96); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0$ , 31.0
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/System Check 5800MHz Head/Area Scan (10x13x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm

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

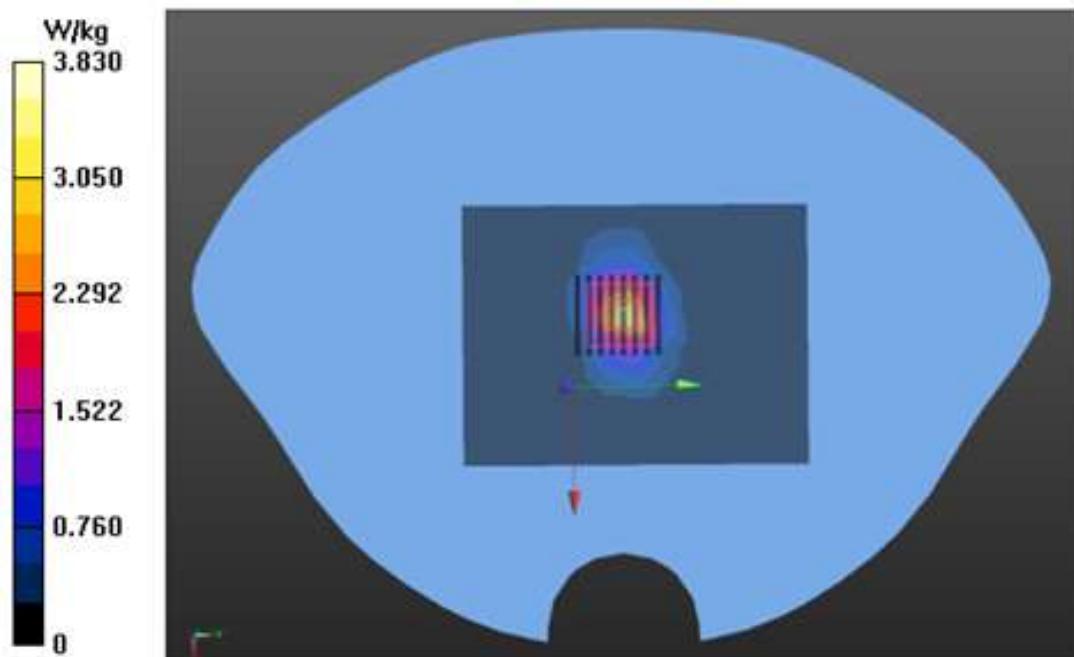
**Configuration/System Check 5800MHz Head/Zoom Scan (8x8x13)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

Reference Value = 21.845 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 6.98 W/kg

**SAR(1 g) = 1.87 W/kg; SAR(10 g) = 0.617 W/kg**

Maximum value of SAR (measured) = 3.83 W/kg



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by [agc@agc-cert.com](mailto:agc@agc-cert.com).

Attestation of Global Compliance(Shenzhen)Co., Ltd

Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: [agc@agc-cert.com](mailto:agc@agc-cert.com) Web: <http://cn.agc-cert.com/>



## APPENDIX B. SAR MEASUREMENT DATA

Test Laboratory: AGC Lab

Date: Jan. 06, 2022

GSM 850 Mid-Touch-Right <SIM 1>

DUT: 4G Smart Phone; Type: AGM H5

Communication System: Generic GSM; Communication System Band: GSM 850; Duty Cycle: 1:8.3;  
Frequency: 836.6 MHz; Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.92$  mho/m;  $\epsilon_r = 41.08$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Right Section  
Ambient temperature (°C): 20.6, Liquid temperature (°C): 20.4

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(10.01, 10.01, 10.01); Calibrated: Aug. 27, 2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17, 2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration 5/R-C/Area Scan (8x14x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.424 W/kg

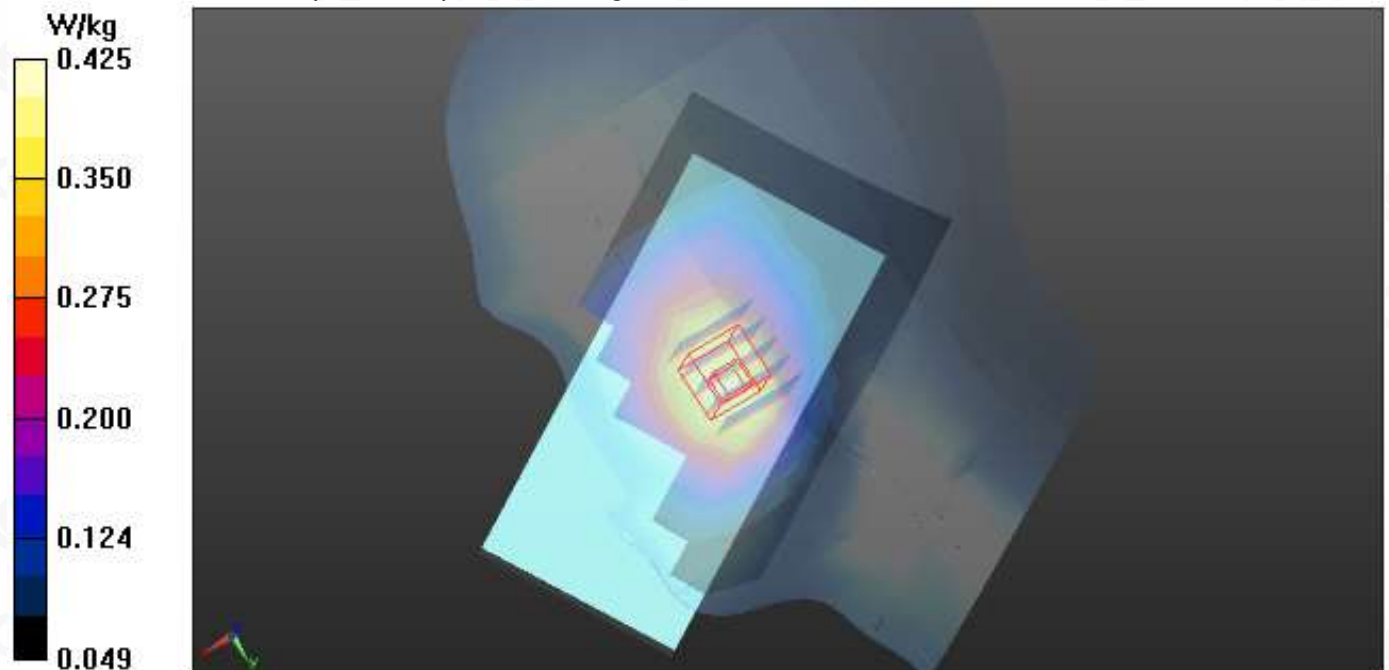
**Configuration 5/R-C/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.370 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.500 W/kg

**SAR(1 g) = 0.386 W/kg; SAR(10 g) = 0.292 W/kg**

Maximum value of SAR (measured) = 0.425 W/kg



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd

Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Test Laboratory: AGC Lab**  
**GPRS 850 Mid- Body- Back (2up) < SIM 1>**  
**DUT: 4G Smart Phone; Type: AGM H5**

**Date: Jan. 06, 2022**

Communication System: GPRS-2 Slot; Communication System Band: GSM 850; Duty Cycle: 1:4.2;  
Frequency: 836.6 MHz; Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.92$  mho/m;  $\epsilon_r = 41.08$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section  
Ambient temperature (°C):20.6, Liquid temperature (°C): 20.4

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(10.01, 10.01, 10.01); Calibrated: Aug. 27,2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QDOVA002AA;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/4ST-BACK/Area Scan (8x14x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.866 W/kg

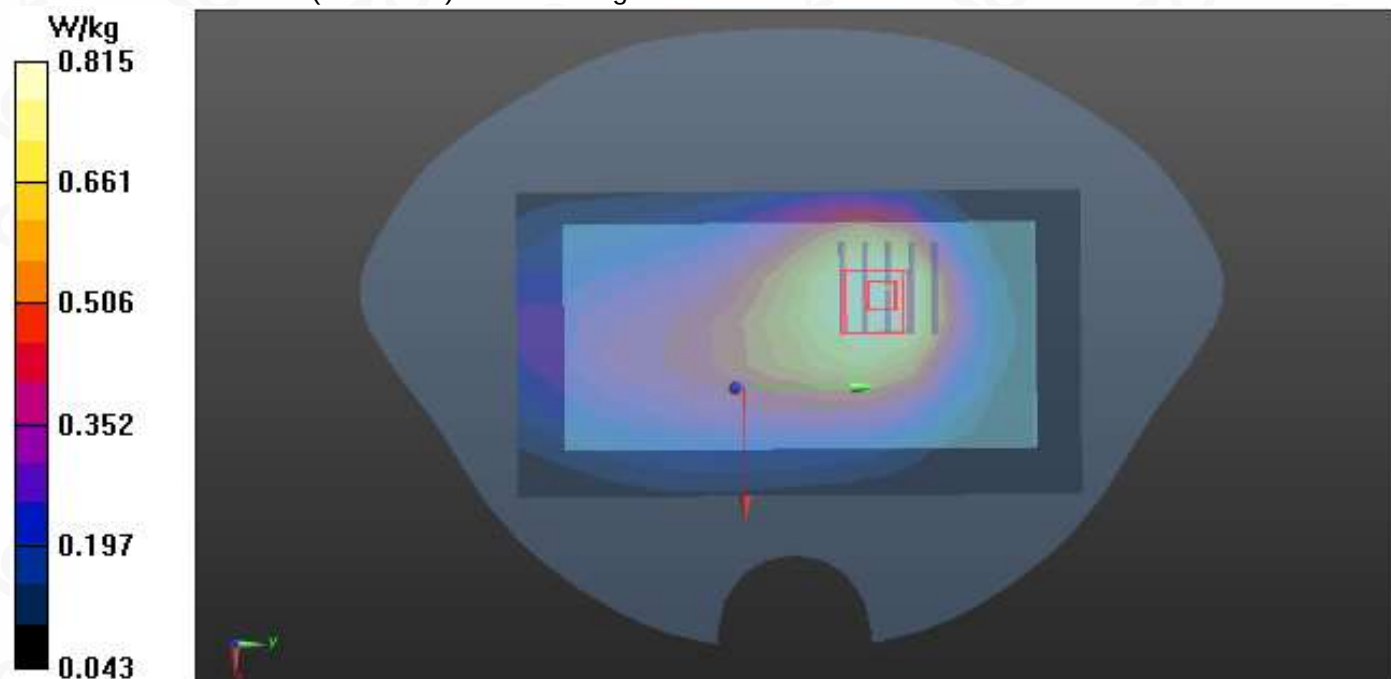
**Configuration/4ST-BACK/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 26.555 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.05 W/kg

**SAR(1 g) = 0.717 W/kg; SAR(10 g) = 0.492 W/kg**

Maximum value of SAR (measured) = 0.815 W/kg



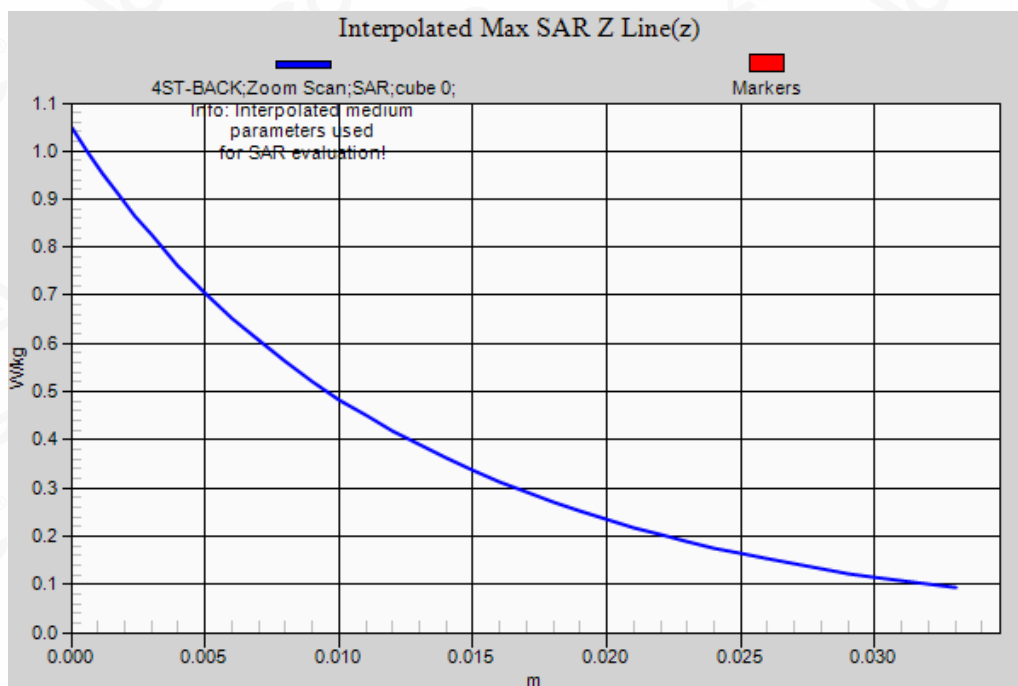
Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd

Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>





Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>



**Test Laboratory: AGC Lab**  
**PCS 1900 Mid-Touch-Left <SIM 1>**  
**DUT: 4G Smart Phone; Type: AGM H5**

**Date: Jan. 04, 2022**

Communication System: Generic GSM; Communication System Band: PCS 1900; Duty Cycle: 1:8.3;  
Frequency: 1880 MHz; Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.36$  mho/m;  $\epsilon_r = 39.98$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Left Section  
Ambient temperature (°C):20.7, Liquid temperature (°C): 20.5

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(8.26, 8.26, 8.26); Calibrated: Aug. 27,2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration 4/L-C/Area Scan (8x14x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.0815 W/kg

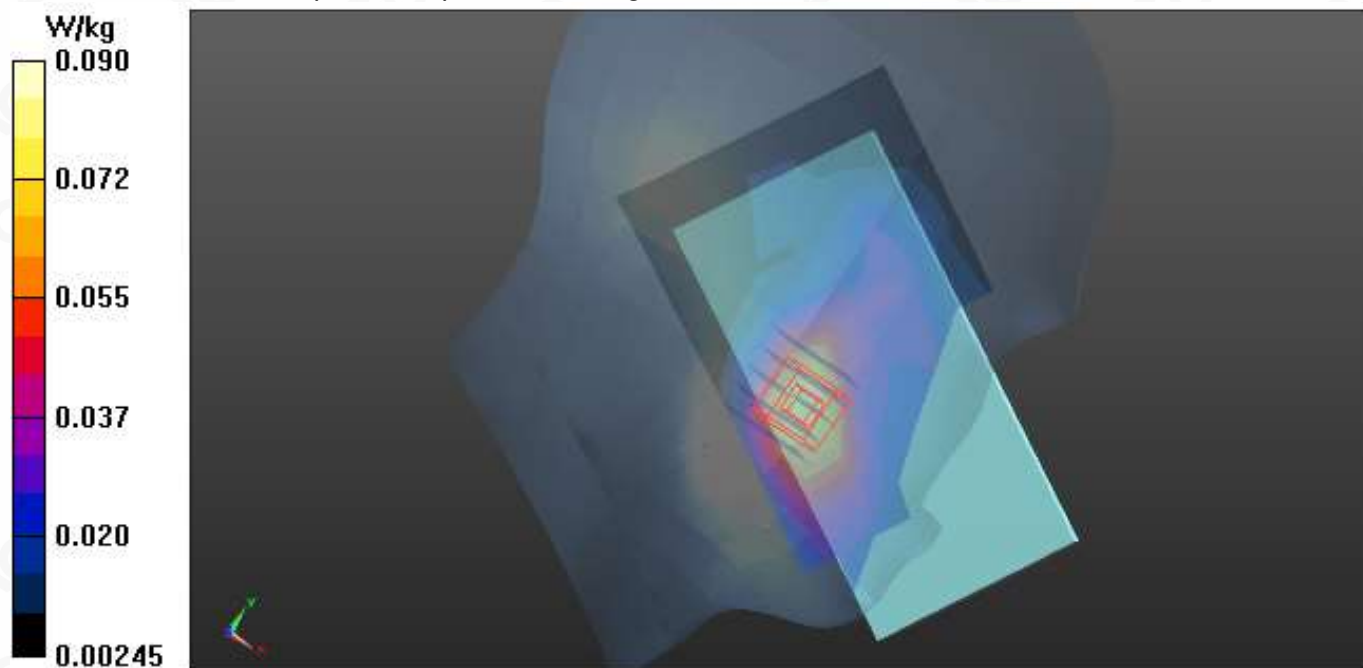
**Configuration 4/L-C/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 2.764 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.117 W/kg

**SAR(1 g) = 0.074 W/kg; SAR(10 g) = 0.046 W/kg**

Maximum value of SAR (measured) = 0.0895 W/kg



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd

Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>



**Test Laboratory: AGC Lab**  
**GPRS 1900 High-Body- Back (2up) < SIM 1>**  
**DUT: 4G Smart Phone; Type: AGM H5**

**Date: Jan. 04, 2022**

Communication System: GPRS-2 Slot; Communication System Band: PCS 1900; Duty Cycle: 1:4.2;  
Frequency: 1909.8 MHz; Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.36$  mho/m;  $\epsilon_r = 39.98$ ;  $\rho = 1000$  kg/m<sup>3</sup>;  
Phantom section: Flat Section  
Ambient temperature (°C): 20.7, Liquid temperature (°C): 20.5

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(8.26, 8.26, 8.26); Calibrated: Aug. 27, 2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17, 2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/BACK-H/Area Scan (8x14x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

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

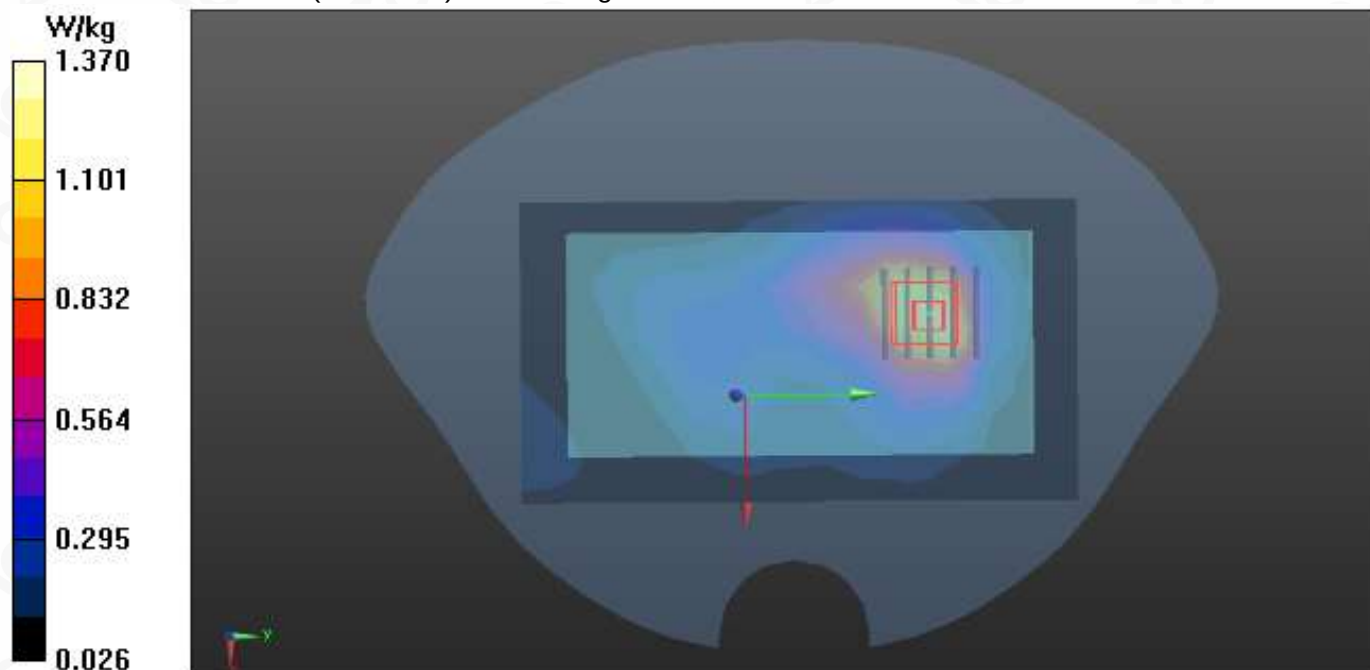
**Configuration/BACK-H/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 14.084 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.92 W/kg

**SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.624 W/kg**

Maximum value of SAR (measured) = 1.37 W/kg



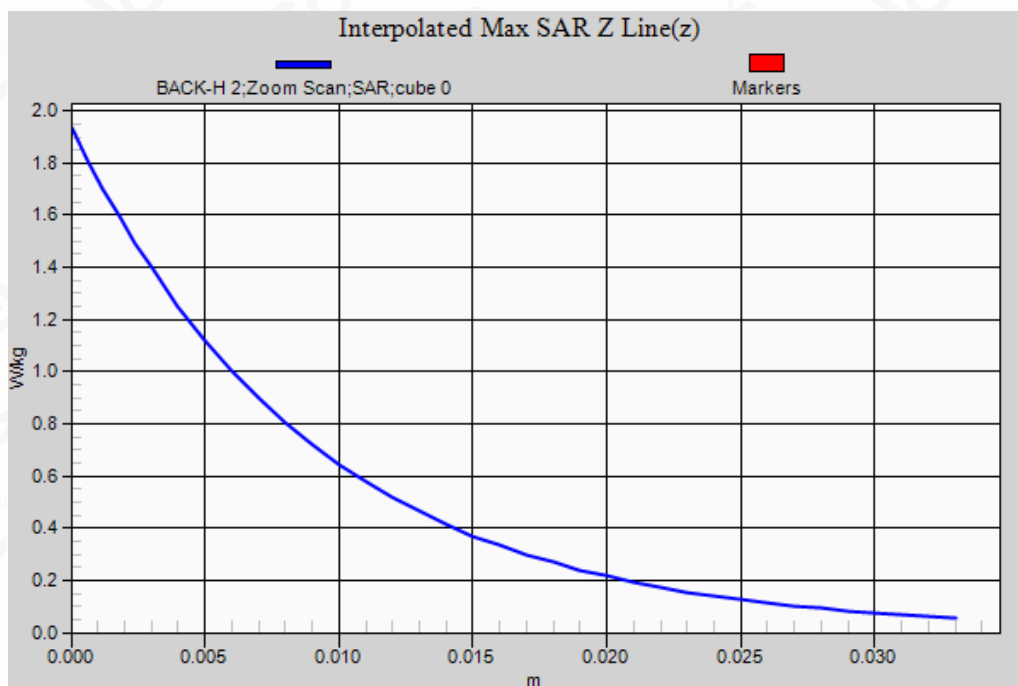
Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd

Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>





Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>



**Test Laboratory: AGC Lab**  
**WCDMA Band II Mid-Touch-Left**  
**DUT: 4G Smart Phone; Type: AGM H5**

**Date: Jan. 04, 2022**

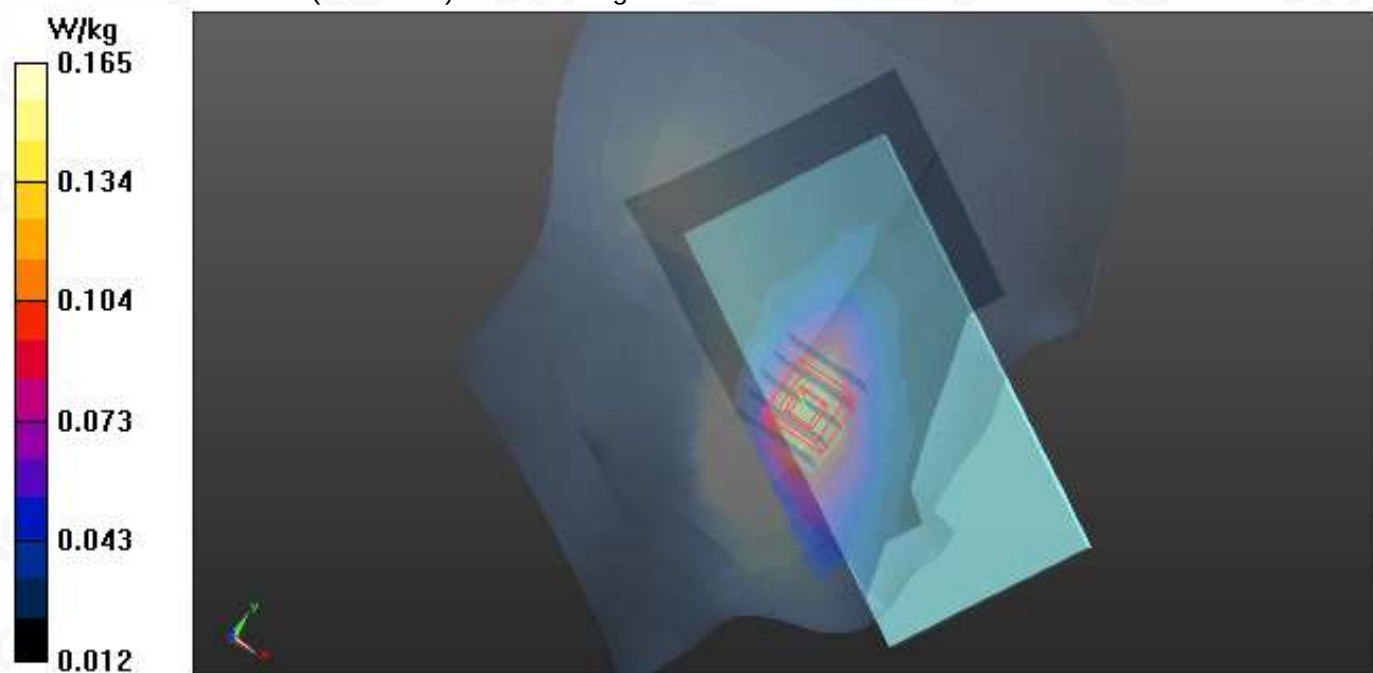
Communication System: UMTS; Communication System Band: Band II UTRA/FDD ;Duty Cycle:1:1;  
Frequency: 1880 MHz; Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.36$  mho/m;  $\epsilon_r = 39.98$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Left Section  
Ambient temperature (°C):20.7, Liquid temperature (°C): 20.5

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(8.26, 8.26, 8.26); Calibrated: Aug. 27,2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration 4/L-C/Area Scan (8x14x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (measured) = 0.144 W/kg

**Configuration 4/L-C/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 3.399 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 0.211 W/kg  
**SAR(1 g) = 0.138 W/kg; SAR(10 g) = 0.085 W/kg**  
Maximum value of SAR (measured) = 0.165 W/kg



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



**Test Laboratory: AGC Lab**  
**WCDMA Band II Mid-Edge 3**  
**DUT: 4G Smart Phone; Type: AGM H5**

**Date: Jan. 04, 2022**

Communication System: UMTS; Communication System Band: Band II UTRA/FDD ;Duty Cycle:1:1;  
Frequency: 1880 MHz; Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.36$  mho/m;  $\epsilon_r = 39.98$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section  
Ambient temperature (°C):20.7, Liquid temperature (°C): 20.5

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(8.26, 8.26, 8.26); Calibrated: Aug. 27,2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration 2/3/Area Scan (7x11x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.795 W/kg

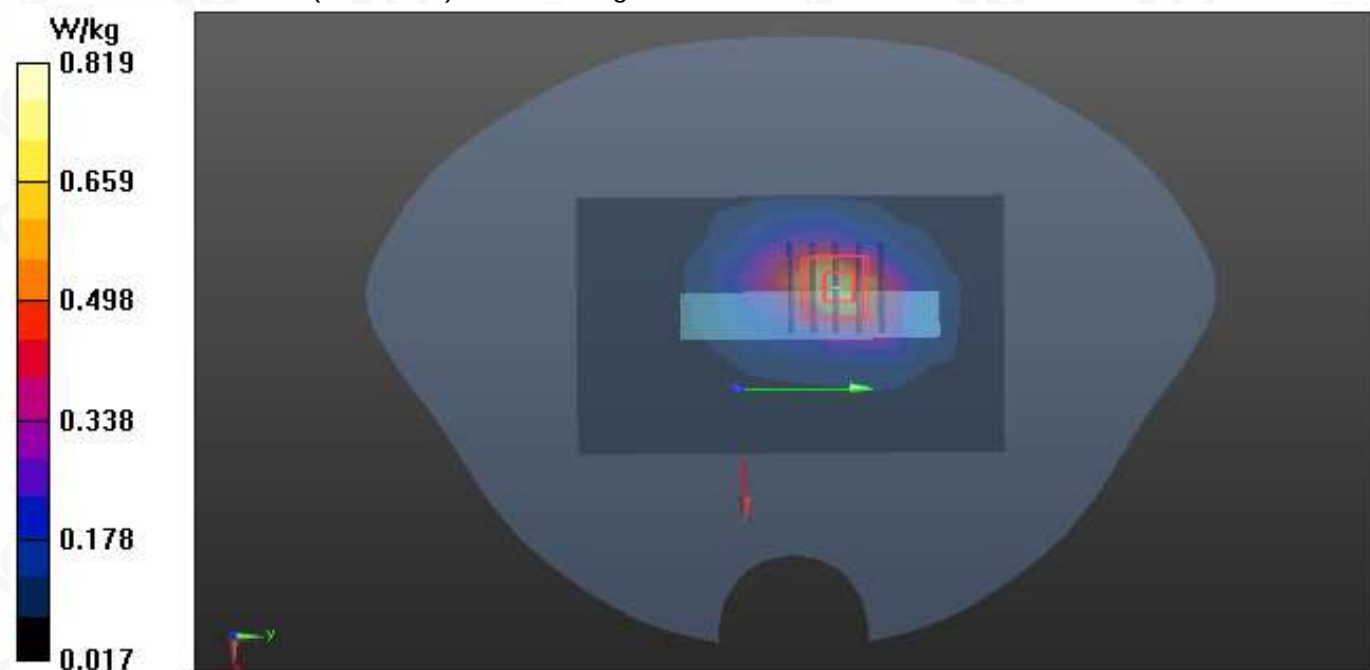
**Configuration 2/3/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 10.914 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.16 W/kg

**SAR(1 g) = 0.652 W/kg; SAR(10 g) = 0.349 W/kg**

Maximum value of SAR (measured) = 0.819 W/kg



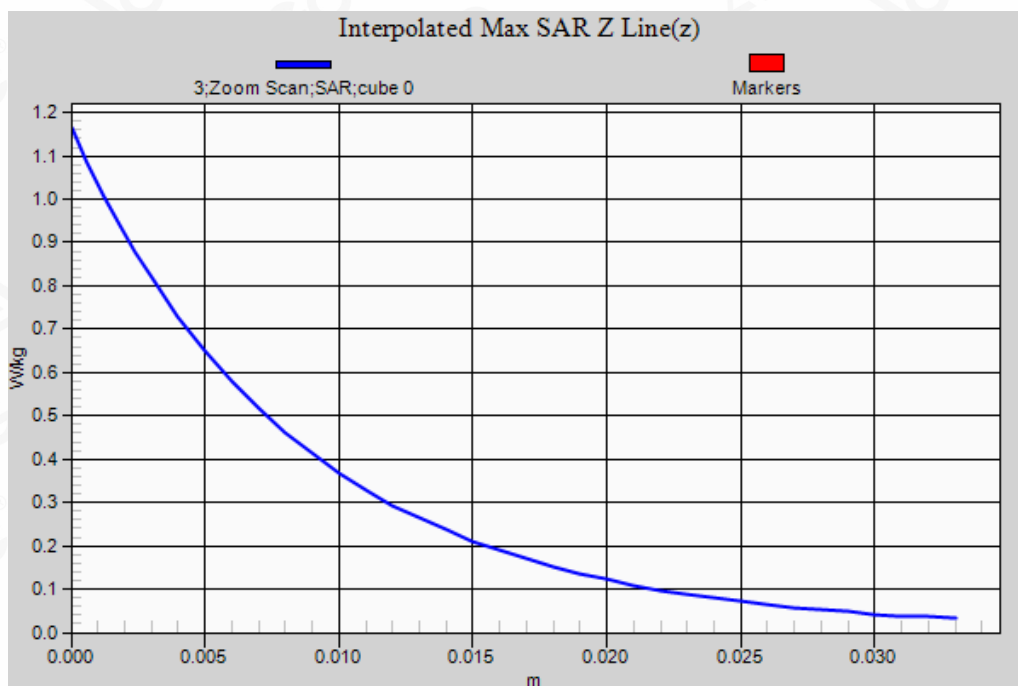
Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd

Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>





Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>



**Test Laboratory: AGC Lab**  
**WCDMA Band IV Mid-Touch-Left**  
**DUT: 4G Smart Phone; Type: AGM H5**

**Date: Jan. 05, 2022**

Communication System: UMTS; Communication System Band: BAND IV UTRA/FDD; Duty Cycle: 1:1;  
Frequency: 1732.4 MHz; Medium parameters used:  $f = 1800$  MHz;  $\sigma = 1.37$  mho/m;  $\epsilon_r = 40.12$ ;  $\rho = 1000$  kg/m<sup>3</sup>;  
Phantom section: Left Section  
Ambient temperature (°C): 20.3, Liquid temperature (°C): 20.1

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(8.55, 8.55, 8.55); Calibrated: Aug. 27, 2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17, 2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration 4/L-C/Area Scan (8x14x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.220 W/kg

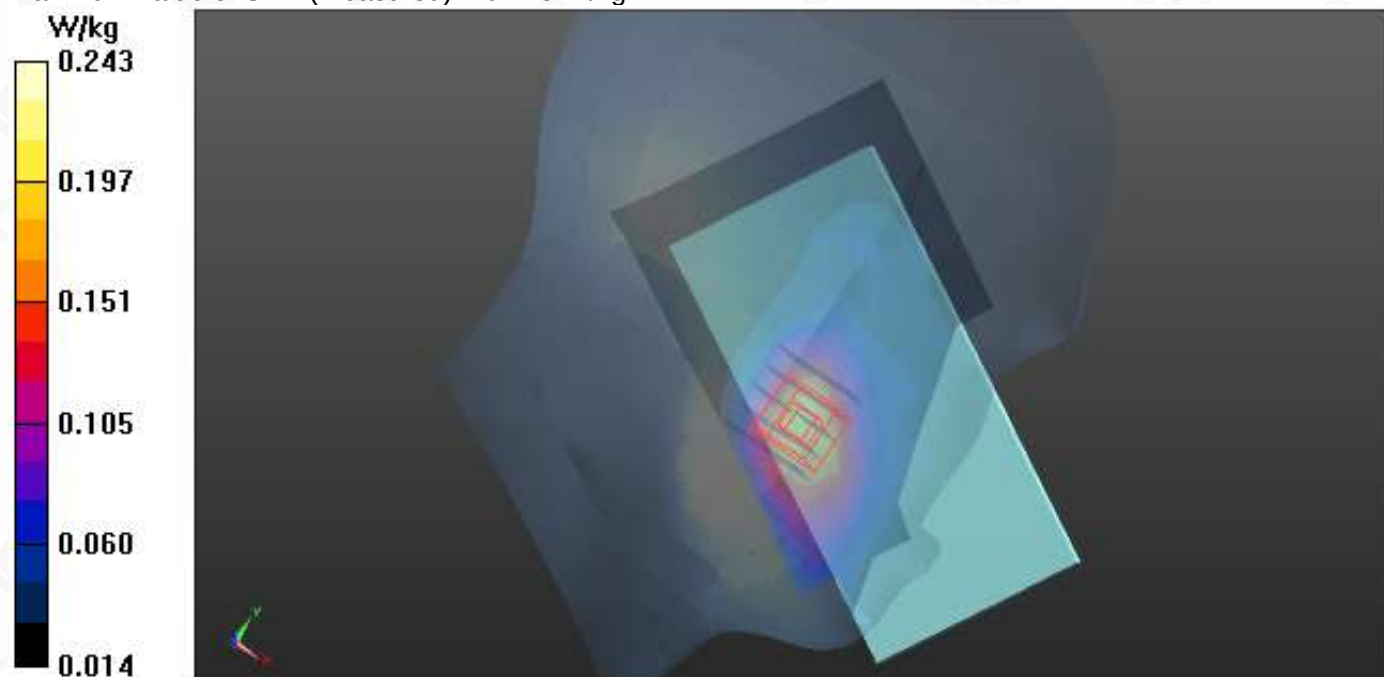
**Configuration 4/L-C/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 4.067 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.322 W/kg

**SAR(1 g) = 0.206 W/kg; SAR(10 g) = 0.127 W/kg**

Maximum value of SAR (measured) = 0.243 W/kg



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd

Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>



**Test Laboratory: AGC Lab**  
**WCDMA Band IV Mid- Edge 3**  
**DUT: 4G Smart Phone; Type: AGM H5**

**Date: Jan. 05, 2022**

Communication System: UMTS; Communication System Band: BAND IV UTRA/FDD; Duty Cycle: 1:1;  
Frequency: 1732.4 MHz; Medium parameters used:  $f = 1800$  MHz;  $\sigma = 1.37$  mho/m;  $\epsilon_r = 40.12$ ;  $\rho = 1000$  kg/m<sup>3</sup>;  
Phantom section: Flat Section  
Ambient temperature (°C): 20.3, Liquid temperature (°C): 20.1

**DASY Configuration:**

- Probe: EX3DV4 – SN:3953; ConvF(8.55, 8.55, 8.55); Calibrated: Aug. 27, 2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17, 2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration 2/3/Area Scan (7x11x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.635 W/kg

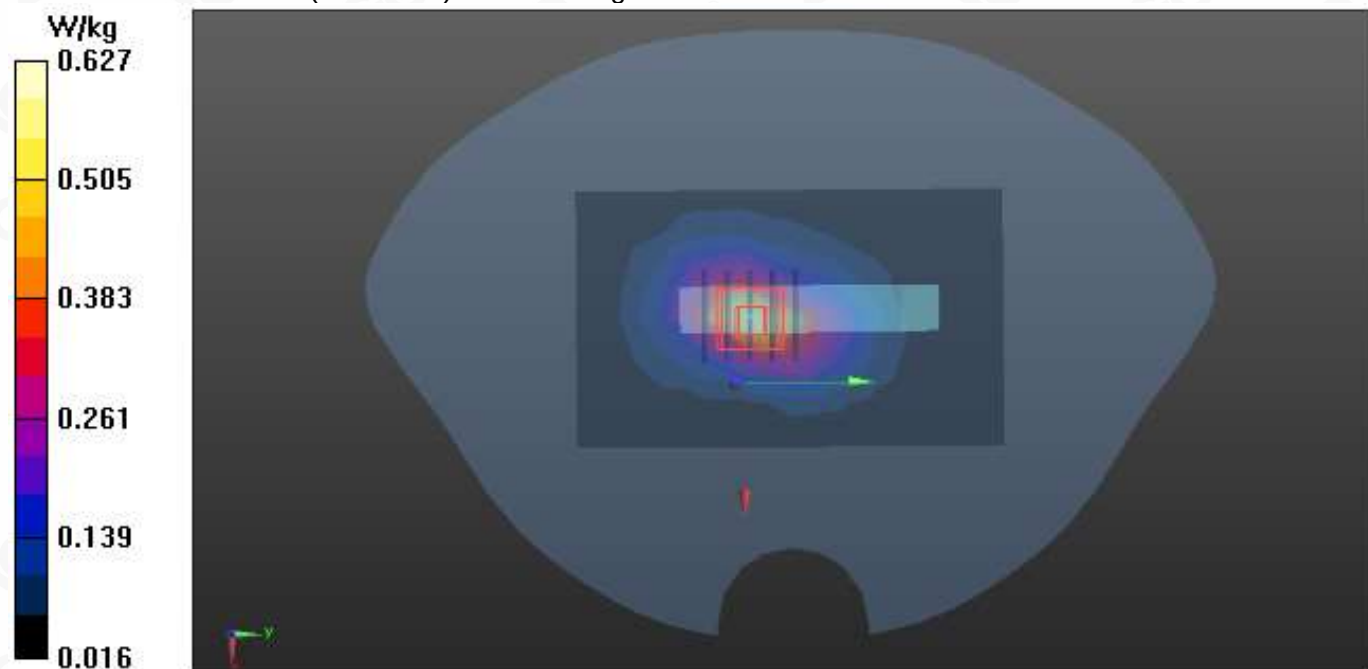
**Configuration 2/3/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 18.711 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.882 W/kg

**SAR(1 g) = 0.507 W/kg; SAR(10 g) = 0.277 W/kg**

Maximum value of SAR (measured) = 0.627 W/kg



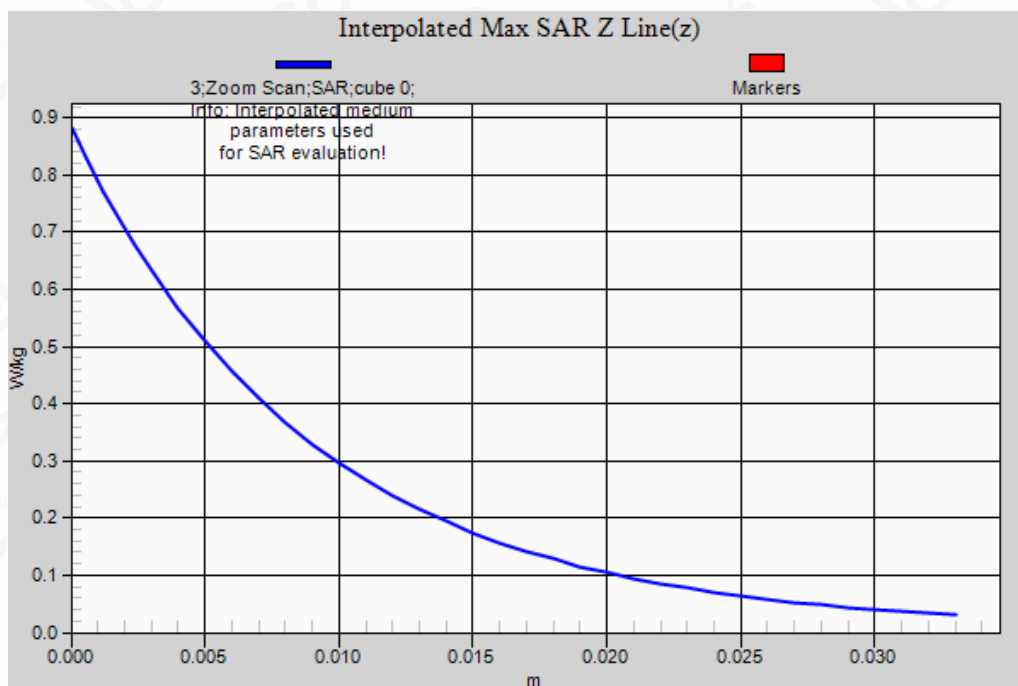
Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by [agc@agc-cert.com](mailto:agc@agc-cert.com).

Attestation of Global Compliance(Shenzhen)Co., Ltd

Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: [agc@agc-cert.com](mailto:agc@agc-cert.com) Web: <http://cn.agc-cert.com/>





Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>



**Test Laboratory: AGC Lab**  
**WCDMA Band V Mid-Touch-Left**  
**DUT: 4G Smart Phone; Type: AGM H5**

**Date: Jan. 06, 2022**

Communication System: UMTS; Communication System Band: BAND V UTRA/FDD; Duty Cycle: 1:1;  
Frequency: 836.6 MHz; Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.92$  mho/m;  $\epsilon_r = 41.08$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Left Section  
Ambient temperature (°C): 20.6, Liquid temperature (°C): 20.4

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(10.01, 10.01, 10.01); Calibrated: Aug. 27, 2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17, 2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration 4/L-C/Area Scan (8x14x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.261 W/kg

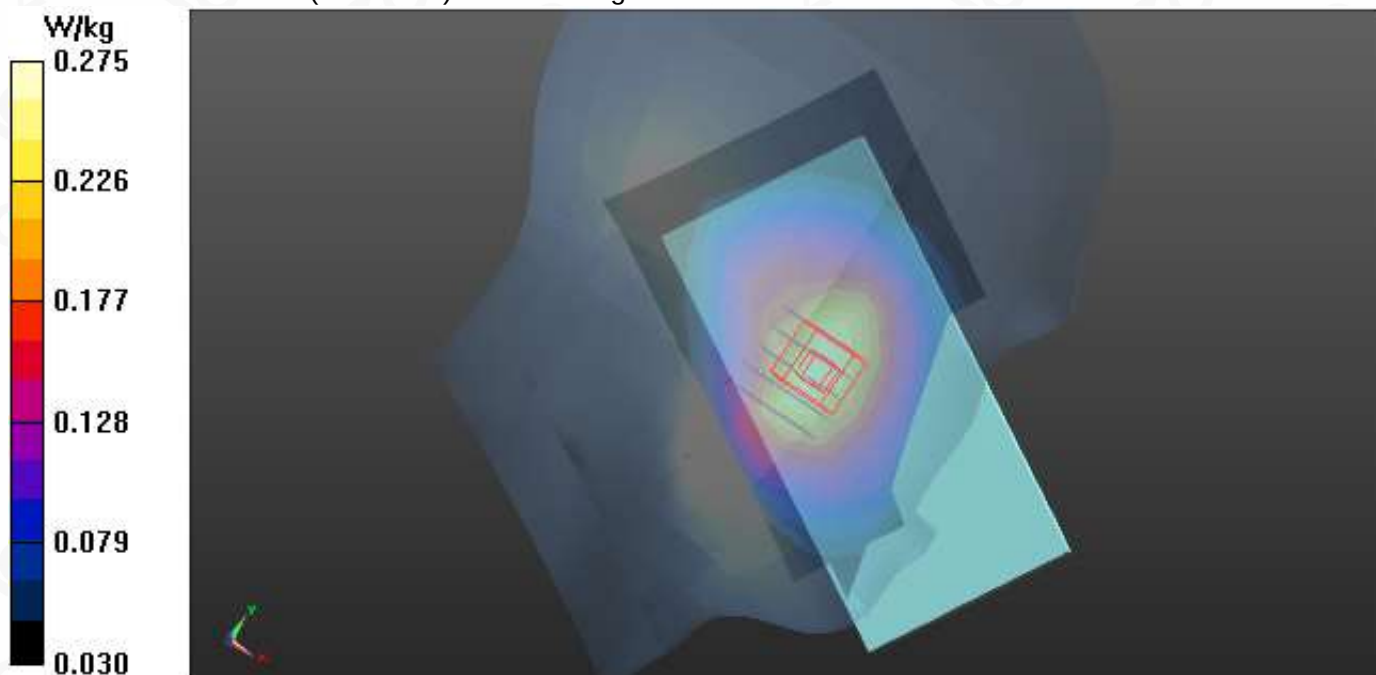
**Configuration 4/L-C/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 10.070 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.334 W/kg

**SAR(1 g) = 0.245 W/kg; SAR(10 g) = 0.180 W/kg**

Maximum value of SAR (measured) = 0.275 W/kg



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd

Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>



**Test Laboratory: AGC Lab**  
**WCDMA Band V Mid-Body-Towards Grounds**  
**DUT: 4G Smart Phone; Type: AGM H5**

**Date: Jan. 06, 2022**

Communication System: UMTS; Communication System Band: BAND V UTRA/FDD; Duty Cycle: 1:1;  
Frequency: 836.6 MHz; Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.92$  mho/m;  $\epsilon_r = 41.08$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section  
Ambient temperature (°C): 20.6, Liquid temperature (°C): 20.4

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(10.01, 10.01, 10.01); Calibrated: Aug. 27, 2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17, 2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/BACK/Area Scan (8x14x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.568 W/kg

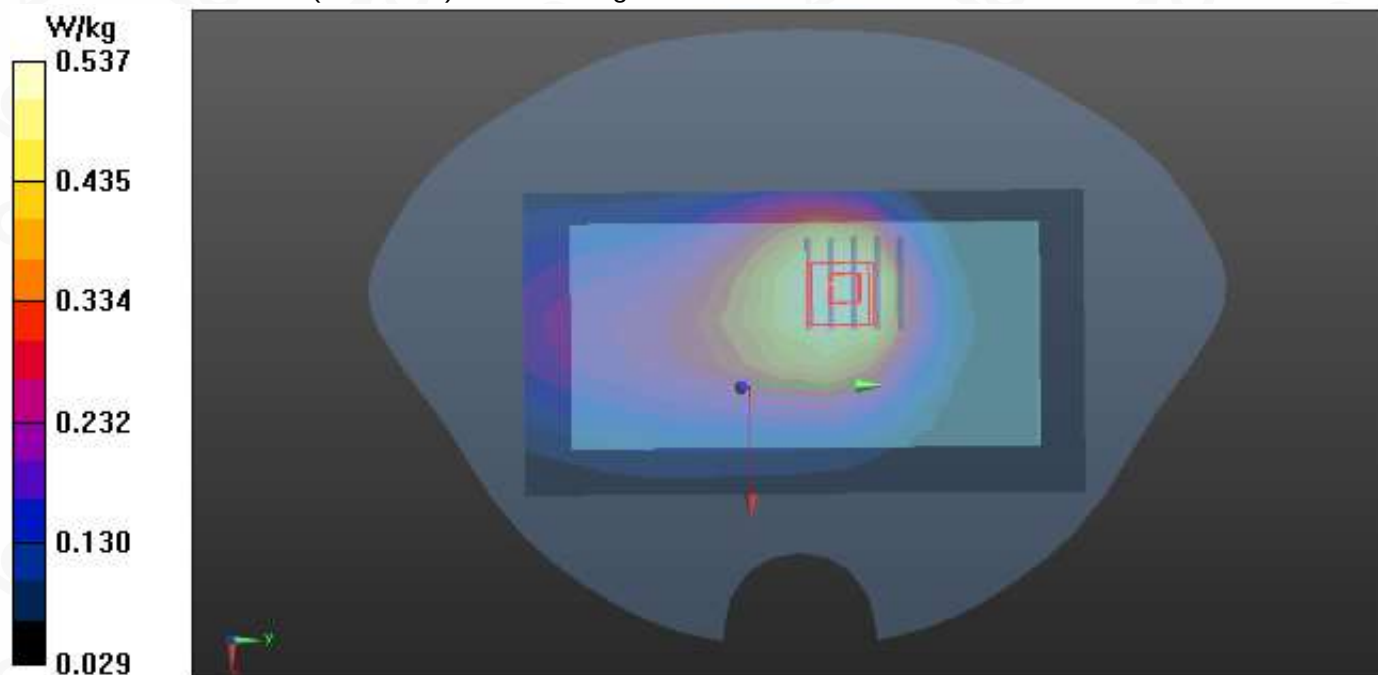
**Configuration/BACK/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 22.912 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.689 W/kg

**SAR(1 g) = 0.473 W/kg; SAR(10 g) = 0.323 W/kg**

Maximum value of SAR (measured) = 0.537 W/kg



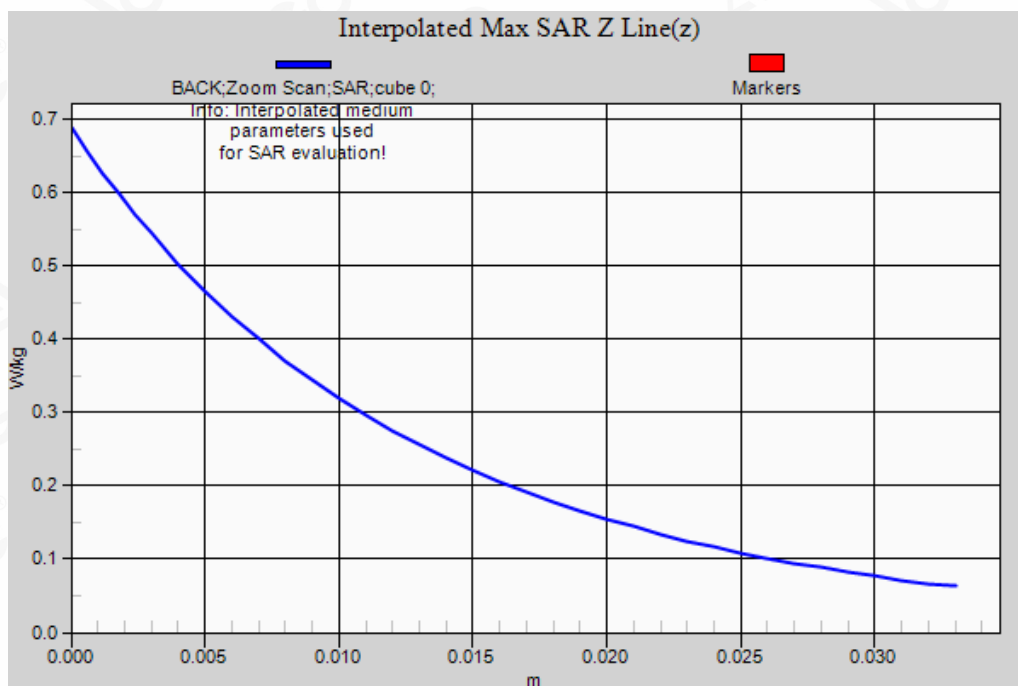
Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd

Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>





Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>



**Test Laboratory: AGC Lab**  
**LTE Band 2 Mid-Touch-Left <SIM 1>**  
**DUT: 4G Smart Phone; Type: AGM H5**

**Date: Dec. 29, 2021**

Communication System: LTE; Communication System Band: LTE Band 2; Duty Cycle: 1:1;  
Frequency: 1880 MHz; Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.39$  mho/m;  $\epsilon_r = 40.35$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Left Section  
Ambient temperature (°C): 20.5, Liquid temperature (°C): 20.3

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(8.26, 8.26, 8.26); Calibrated: Aug. 27,2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration 4/L-C/Area Scan (8x14x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.276 W/kg

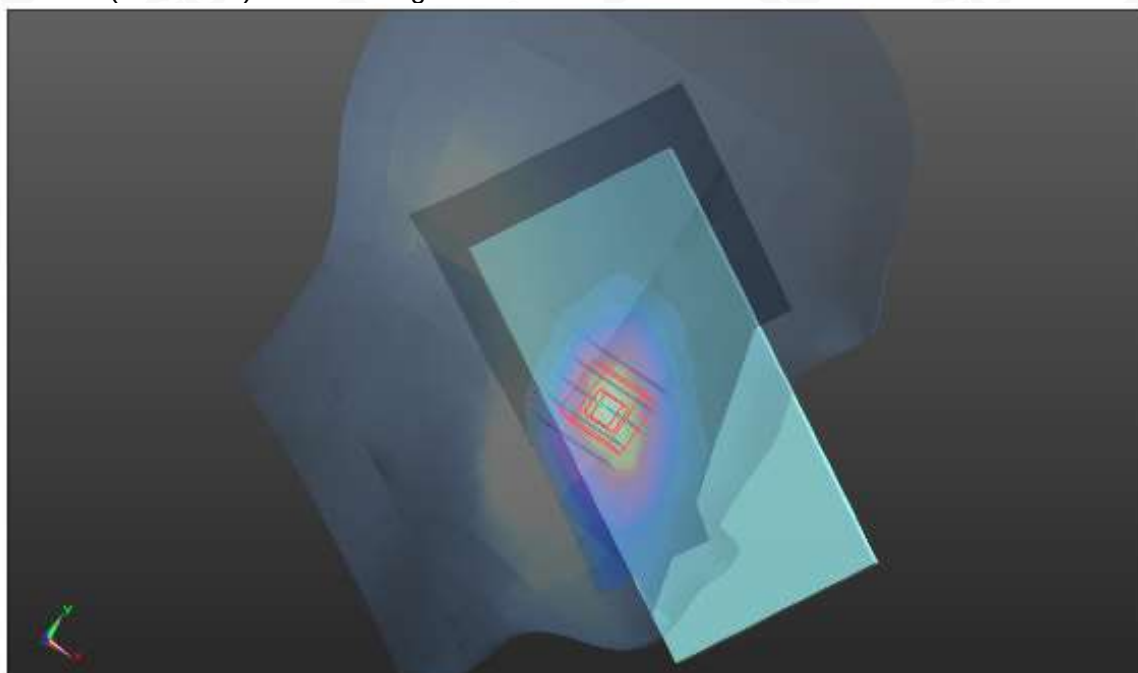
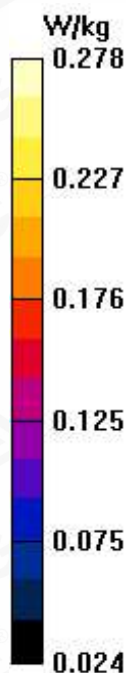
**Configuration 4/L-C/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 4.557 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.373 W/kg

**SAR(1 g) = 0.235 W/kg; SAR(10 g) = 0.144 W/kg**

Maximum value of SAR (measured) = 0.278 W/kg



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by [agc@agc-cert.com](mailto:agc@agc-cert.com).

Attestation of Global Compliance(Shenzhen)Co., Ltd

Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: [agc@agc-cert.com](mailto:agc@agc-cert.com) Web: <http://cn.agc-cert.com/>



**Test Laboratory: AGC Lab**  
**LTE Band 2 Mid-Body- Back (1 RB#0)**  
**DUT: 4G Smart Phone; Type: AGM H5**

**Date: Dec. 29, 2021**

Communication System: LTE; Communication System Band: LTE Band 2; Duty Cycle: 1:1;  
Frequency: 1880 MHz; Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.39$  mho/m;  $\epsilon_r = 40.35$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section  
Ambient temperature (°C): 20.5, Liquid temperature (°C): 20.3

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(8.26, 8.26, 8.26); Calibrated: Aug. 27,2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/BACK/Area Scan (8x14x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.914 W/kg

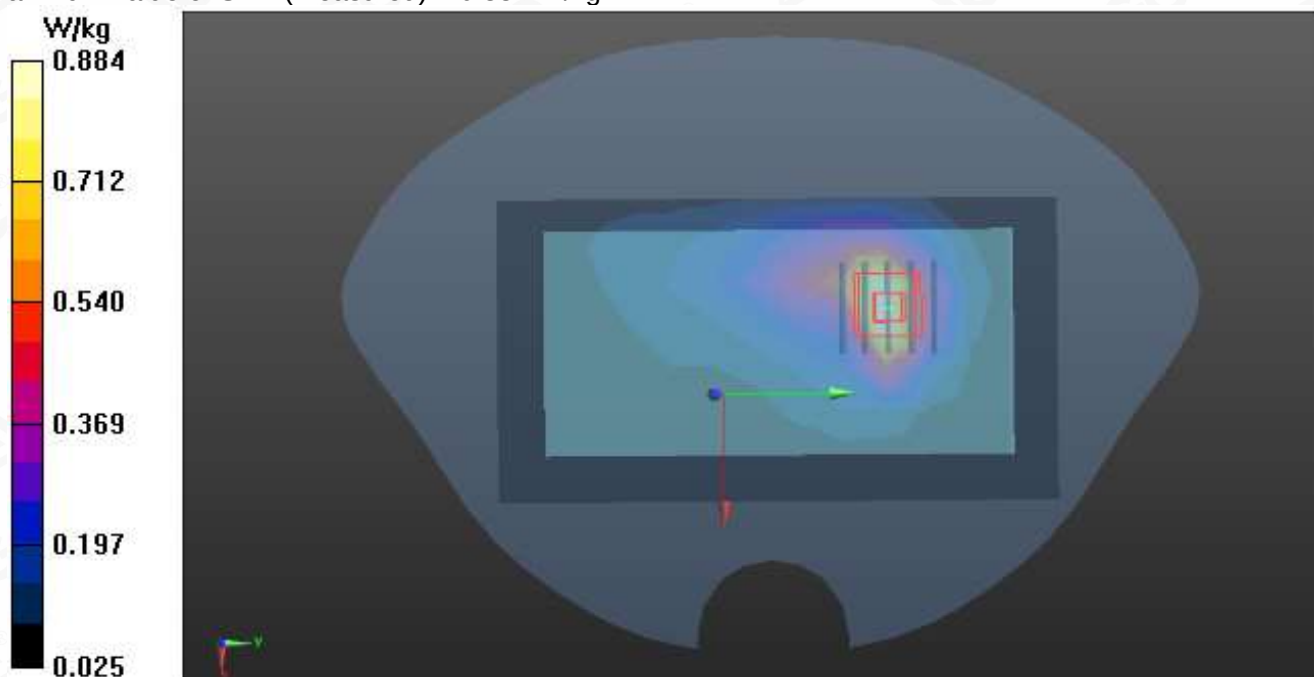
**Configuration/BACK/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 10.437 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.23 W/kg

**SAR(1 g) = 0.706 W/kg; SAR(10 g) = 0.384 W/kg**

Maximum value of SAR (measured) = 0.884 W/kg



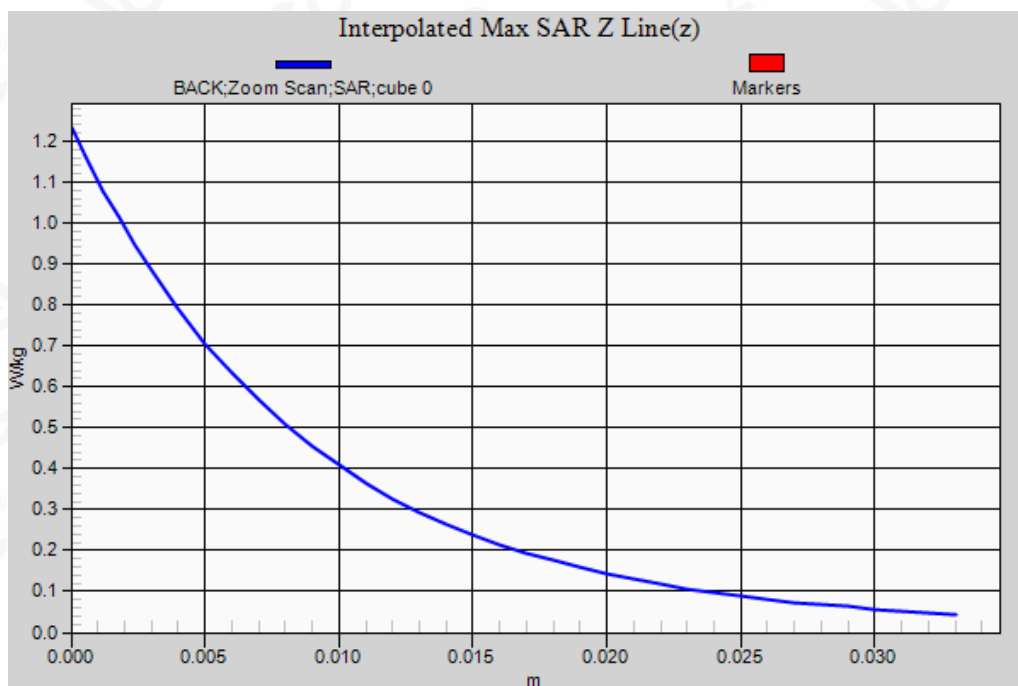
Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd

Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>





Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>



**Test Laboratory: AGC Lab**  
**LTE Band 4 Mid-Touch-Left (1 RB#0)**  
**DUT: 4G Smart Phone; Type: AGM H5**

**Date: Jan. 05, 2022**

Communication System: LTE; Communication System Band: LTE Band 4; Duty Cycle:1:1;  
Frequency:1732.5 MHz; Medium parameters used:  $f=1750$  MHz;  $\sigma=1.37$  mho/m;  $\epsilon_r=40.12$ ;  $\rho=1000$  kg/m<sup>3</sup> ;  
Phantom section: Left Section  
Ambient temperature (°C): 20.3, Liquid temperature (°C): 20.1

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(8.55, 8.55, 8.55); Calibrated: Aug. 27,2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z=1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration 4/L-C/Area Scan (8x14x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.428 W/kg

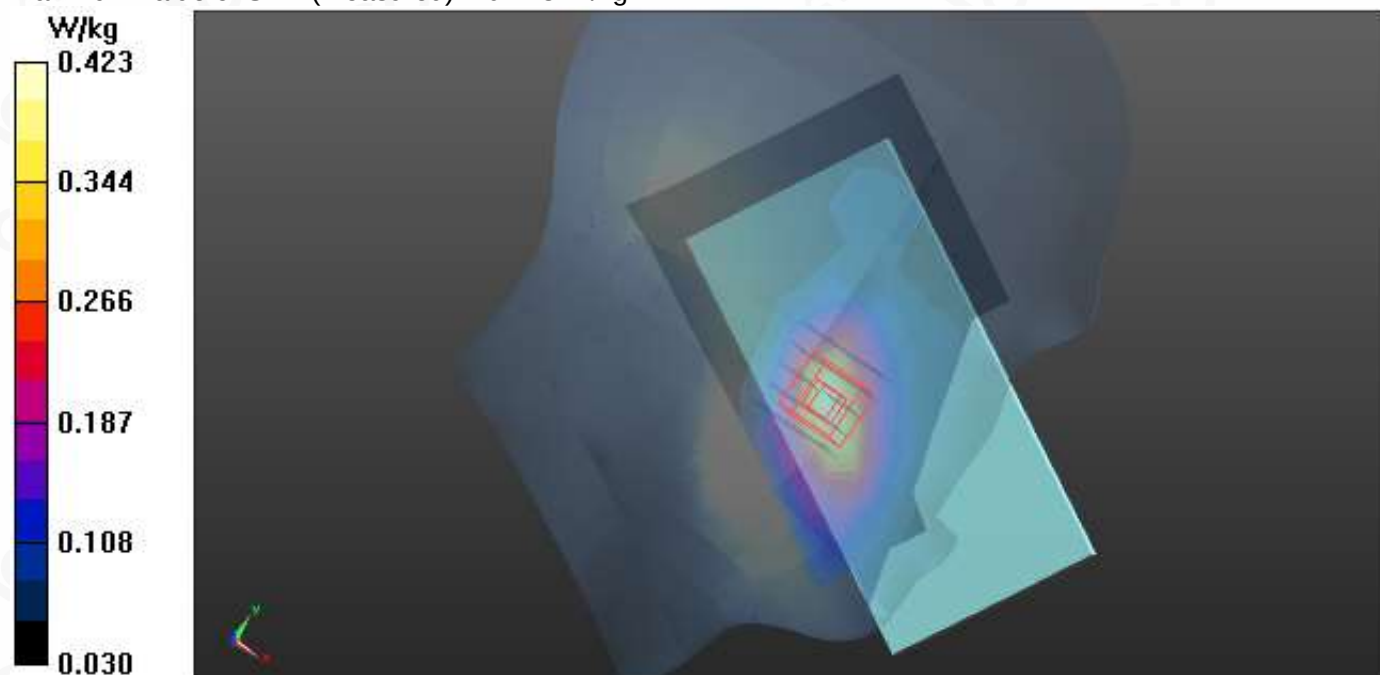
**Configuration 4/L-C/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 6.004 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.572 W/kg

**SAR(1 g) = 0.365 W/kg; SAR(10 g) = 0.226 W/kg**

Maximum value of SAR (measured) = 0.423 W/kg



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd

Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>



**Test Laboratory: AGC Lab**  
**LTE Band 4 Mid-Body-Back (1 RB#0)**  
**DUT: 4G Smart Phone; Type: AGM H5**

**Date: Jan. 05, 2022**

Communication System: LTE; Communication System Band: LTE Band 4; Duty Cycle:1:1;  
Frequency:1732.5 MHz; Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.37$  mho/m;  $\epsilon_r = 40.12$ ;  $\rho = 1000$  kg/m<sup>3</sup>;  
Phantom section: Flat Section  
Ambient temperature (°C): 20.3, Liquid temperature (°C): 20.1

**DASY Configuration:**

- Probe: EX3DV4 – SN:3953; ConvF(8.55, 8.55, 8.55); Calibrated: Aug. 27,2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/BACK/Area Scan (8x14x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.861 W/kg

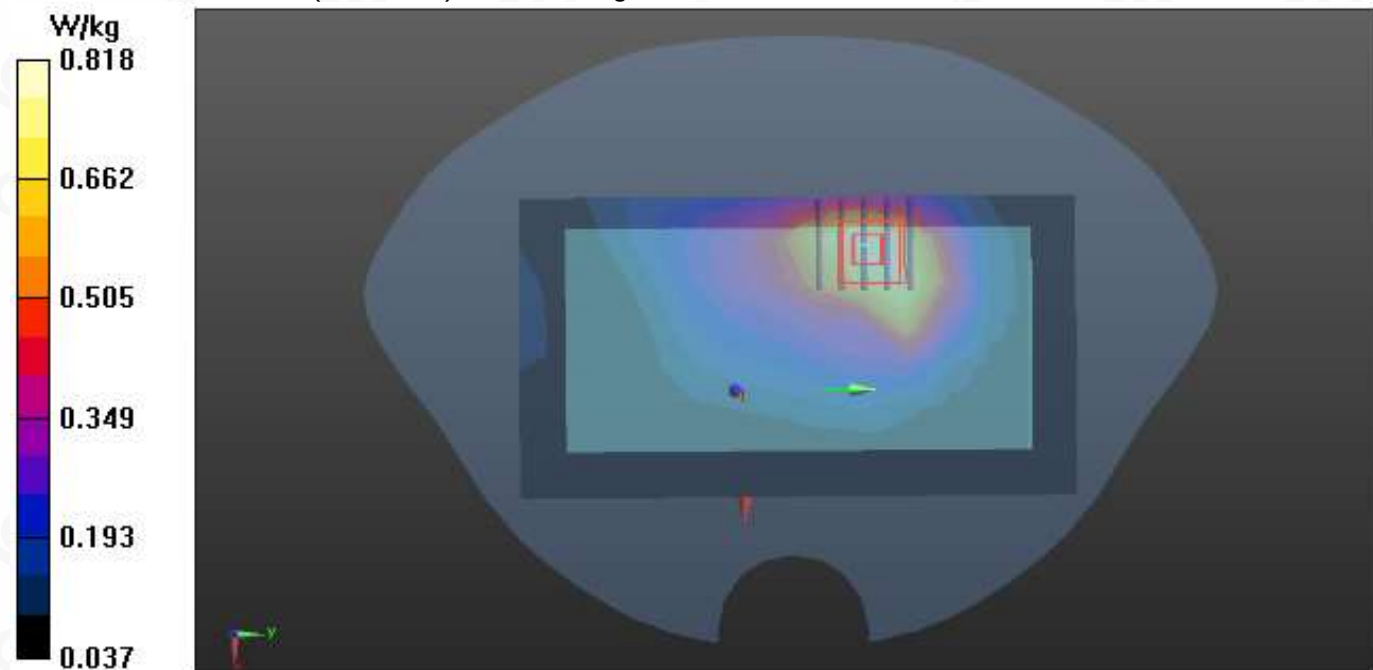
**Configuration/BACK/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 13.372 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.14 W/kg

**SAR(1 g) = 0.678 W/kg; SAR(10 g) = 0.403 W/kg**

Maximum value of SAR (measured) = 0.818 W/kg



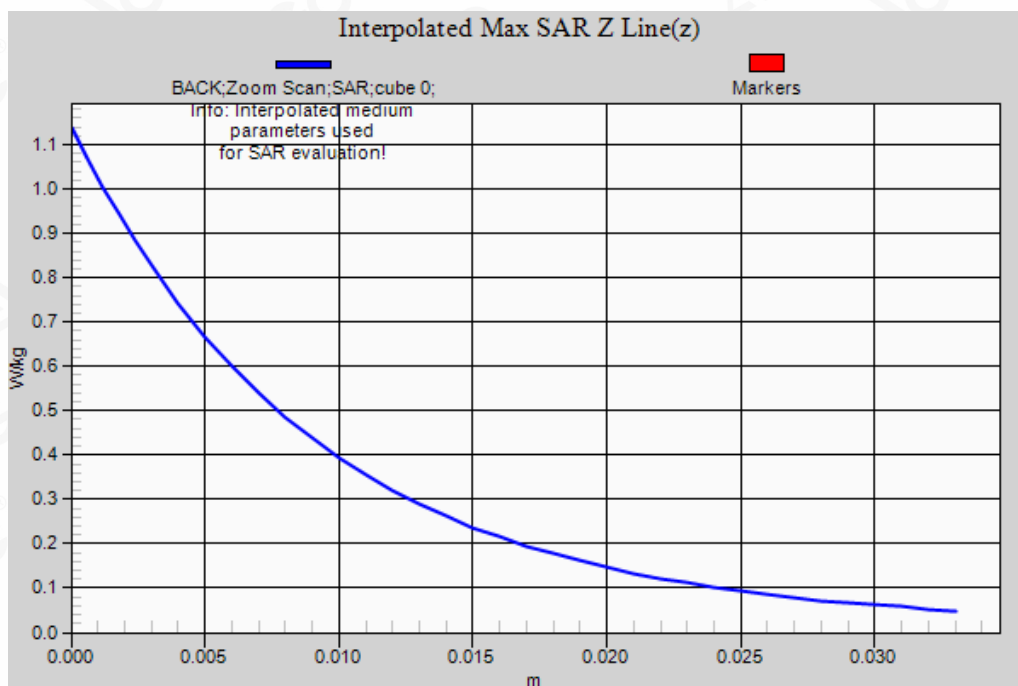
Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd

Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>





Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by [agc@agc-cert.com](mailto:agc@agc-cert.com).

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: [agc@agc-cert.com](mailto:agc@agc-cert.com) Web: <http://cn.agc-cert.com/>



**Test Laboratory: AGC Lab**  
**LTE Band 5 Mid-Touch-Left (1 RB#0)**  
**DUT: 4G Smart Phone; Type: AGM H5**

**Date: Jan. 14, 2022**

Communication System: LTE; Communication System Band: LTE Band 5; Duty Cycle:1:1;  
Frequency: 836.5 MHz; Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.89$  mho/m;  $\epsilon_r = 41.32$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Left Section  
Ambient temperature (°C): 21.2, Liquid temperature (°C): 21.0

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(10.01, 10.01, 10.01); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration 4/L-C/Area Scan (8x14x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.240 W/kg

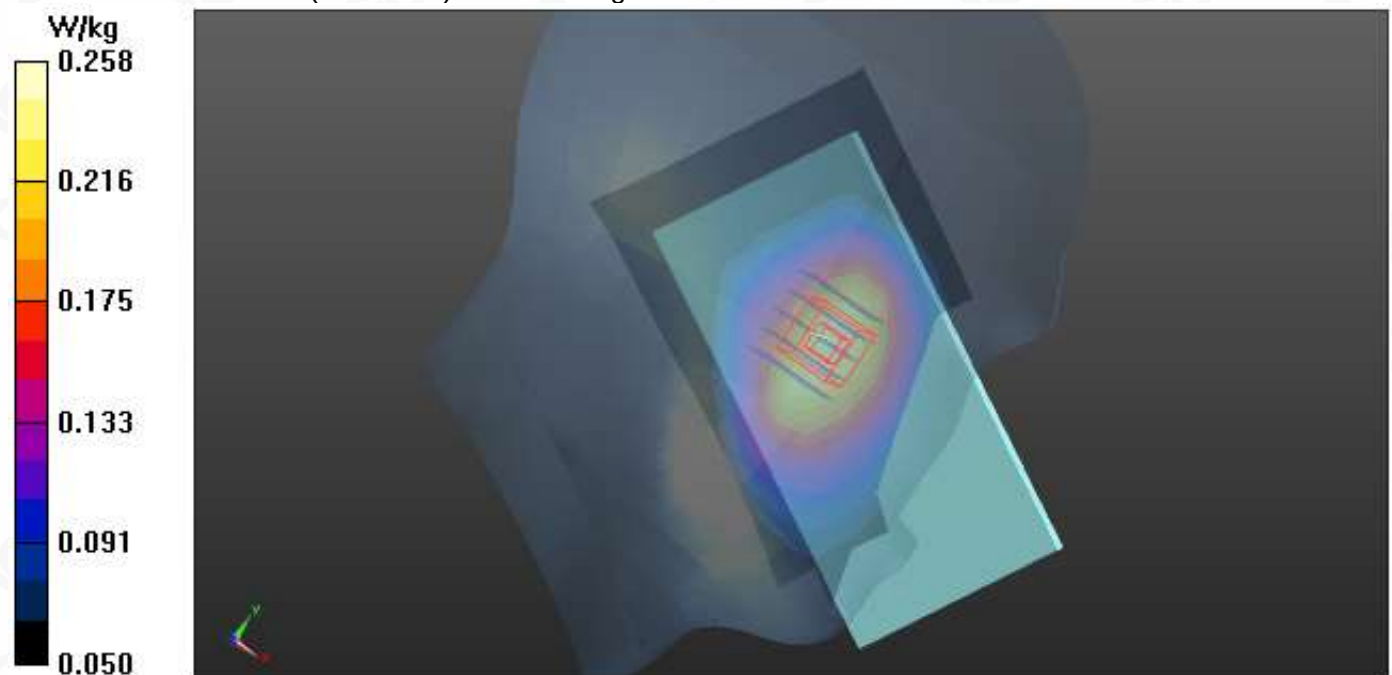
**Configuration 4/L-C/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 5.831 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.283 W/kg

**SAR(1 g) = 0.237 W/kg; SAR(10 g) = 0.189 W/kg**

Maximum value of SAR (measured) = 0.258 W/kg



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>



**Test Laboratory: AGC Lab**  
**LTE Band 5 Mid-Body-Front (1 RB#0)**  
**DUT: 4G Smart Phone; Type: AGM H5**

**Date: Jan. 14, 2022**

Communication System: LTE; Communication System Band: LTE Band 5; Duty Cycle:1:1;  
Frequency:836.5 MHz; Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.89 \text{ mho/m}$ ;  $\epsilon_r = 41.32$ ;  $\rho = 1000 \text{ kg/m}^3$  ;  
Phantom section: Flat Section  
Ambient temperature ( $^{\circ}\text{C}$ ): 21.2, Liquid temperature ( $^{\circ}\text{C}$ ): 21.0

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(10.01, 10.01, 10.01); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/FRONT/Area Scan (8x14x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.333 W/kg

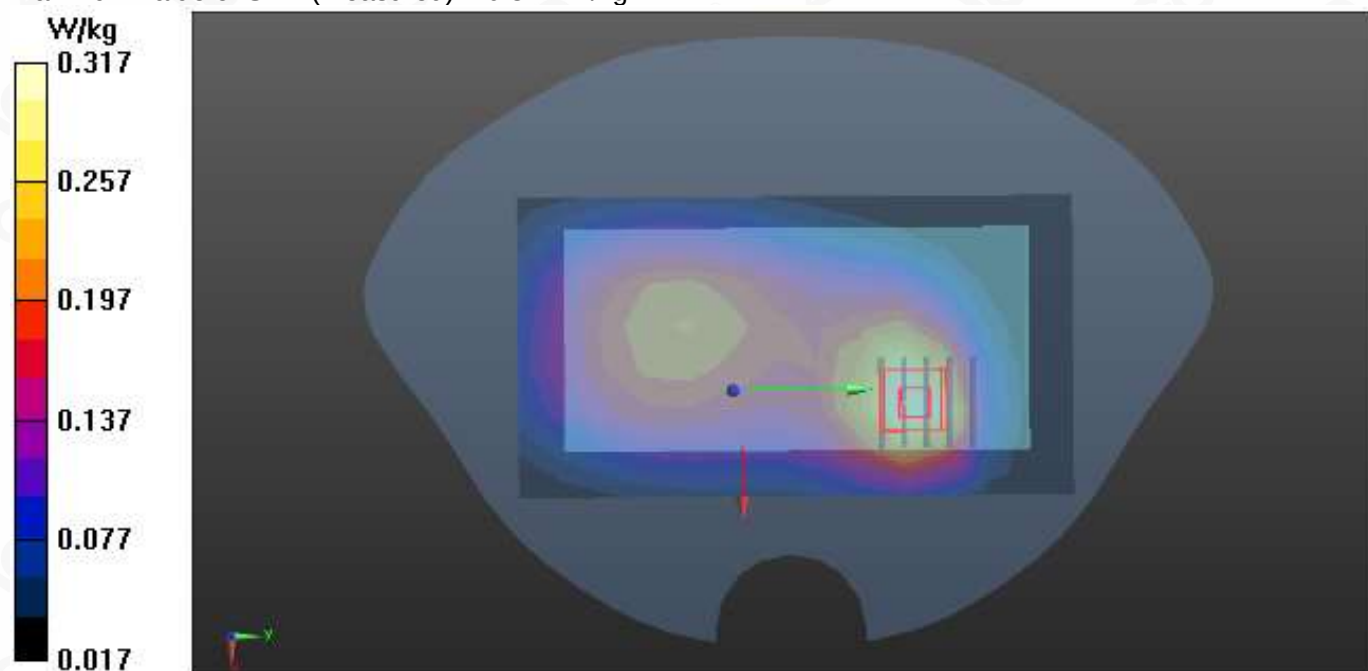
**Configuration/FRONT/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 14.327 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.407 W/kg

**SAR(1 g) = 0.280 W/kg; SAR(10 g) = 0.187 W/kg**

Maximum value of SAR (measured) = 0.317 W/kg



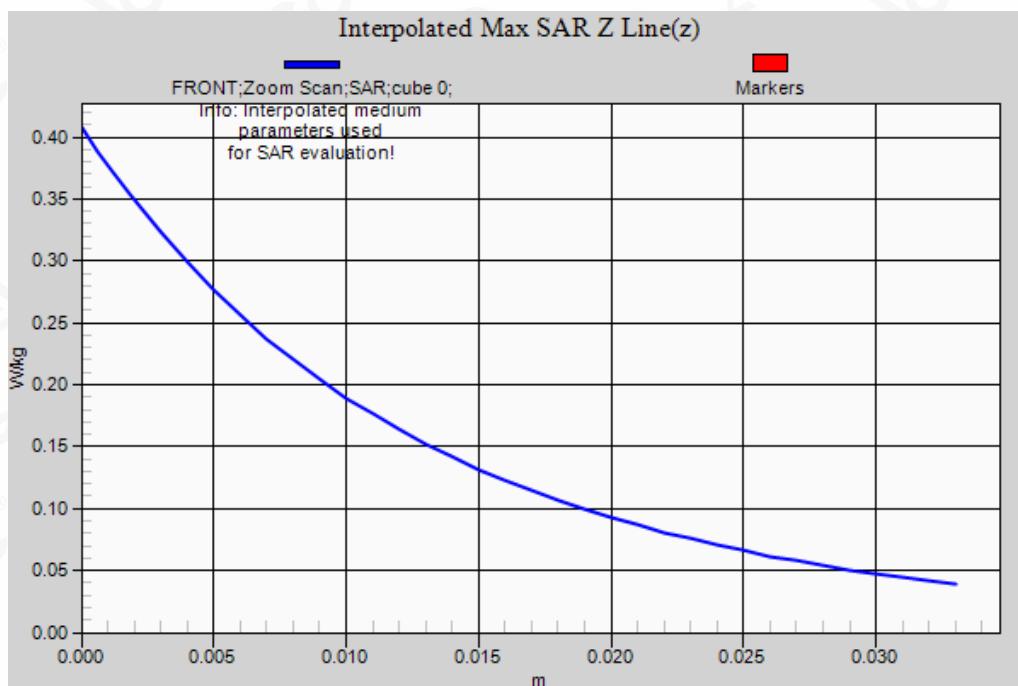
Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd

Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>





Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>



**Test Laboratory: AGC Lab**  
**LTE Band 12 Mid-Touch-Right (1 RB#0)**  
**DUT: 4G Smart Phone; Type: AGM H5**

**Date: Jan. 08, 2022**

Communication System: LTE; Communication System Band: LTE Band 12; Duty Cycle:1:1;  
Frequency: 707.5 MHz; Medium parameters used:  $f = 750$  MHz;  $\sigma = 0.85$  mho/m;  $\epsilon_r = 43.46$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Left Section  
Ambient temperature (°C): 21.1, Liquid temperature (°C): 20.9

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(10.37, 10.37, 10.37); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration 5/R-C/Area Scan (8x14x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.0809 W/kg

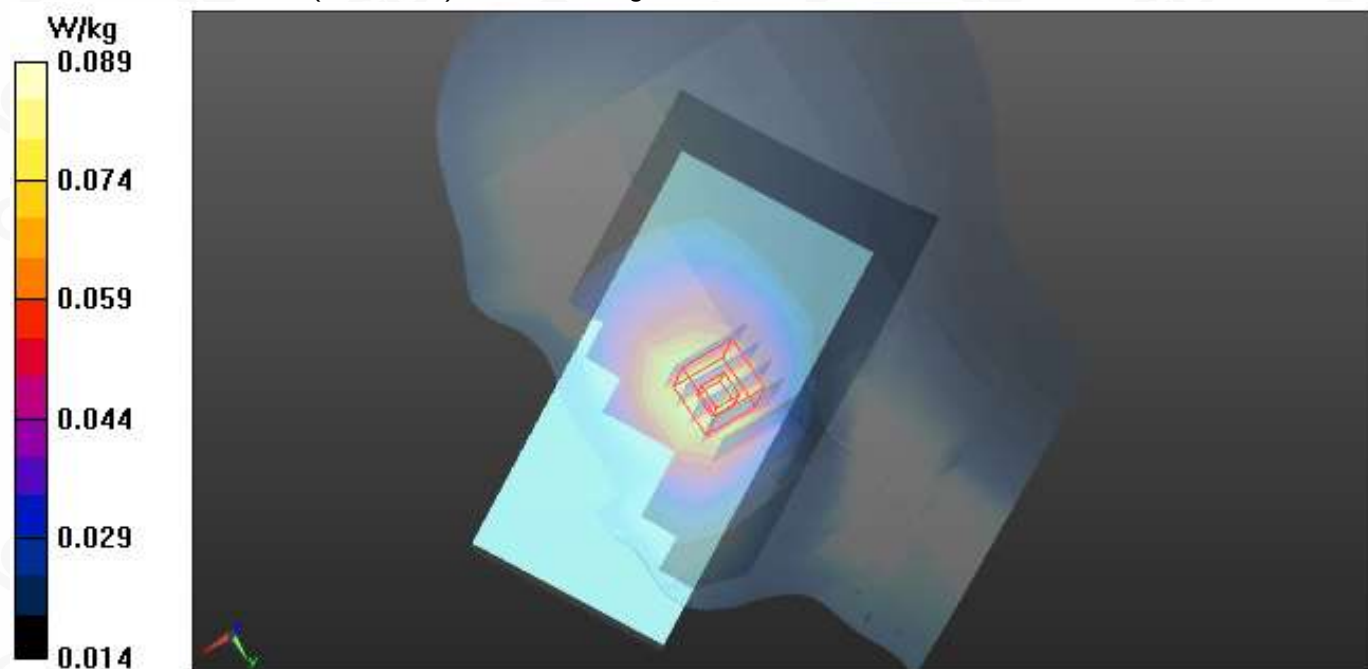
**Configuration 5/R-C/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 2.253 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.106 W/kg

**SAR(1 g) = 0.081 W/kg; SAR(10 g) = 0.062 W/kg**

Maximum value of SAR (measured) = 0.0885 W/kg



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd

Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>



**Test Laboratory: AGC Lab**  
**LTE Band 12 Mid-Body-Back (1 RB#0)**  
**DUT: 4G Smart Phone; Type: AGM H5**

**Date: Jan. 08, 2022**

Communication System: LTE; Communication System Band: LTE Band 12; Duty Cycle:1:1;  
Frequency: 707.5 MHz; Medium parameters used:  $f = 750$  MHz;  $\sigma = 0.85$  mho/m;  $\epsilon_r = 43.46$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section  
Ambient temperature (°C): 21.1, Liquid temperature (°C): 20.9

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(10.37, 10.37, 10.37); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/BACK/Area Scan (8x14x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.146 W/kg

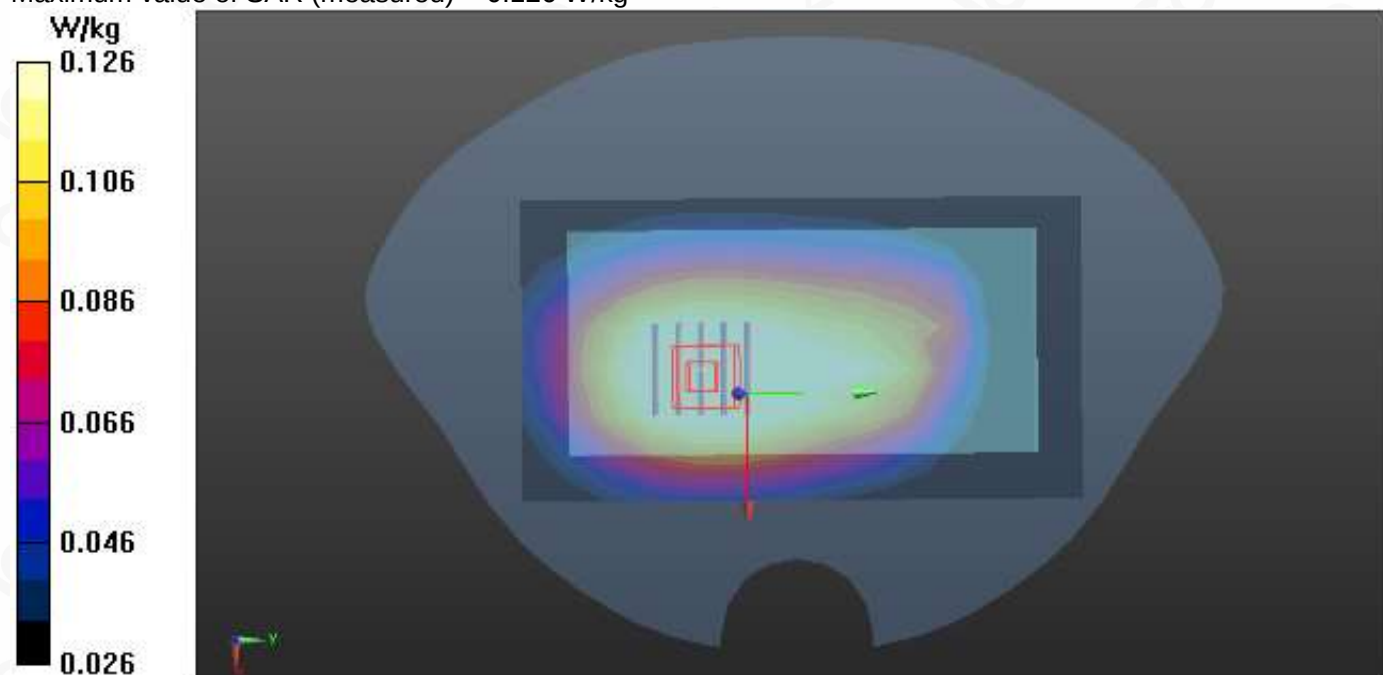
**Configuration/BACK/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 12.308 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.146 W/kg

**SAR(1 g) = 0.115 W/kg; SAR(10 g) = 0.090 W/kg**

Maximum value of SAR (measured) = 0.126 W/kg



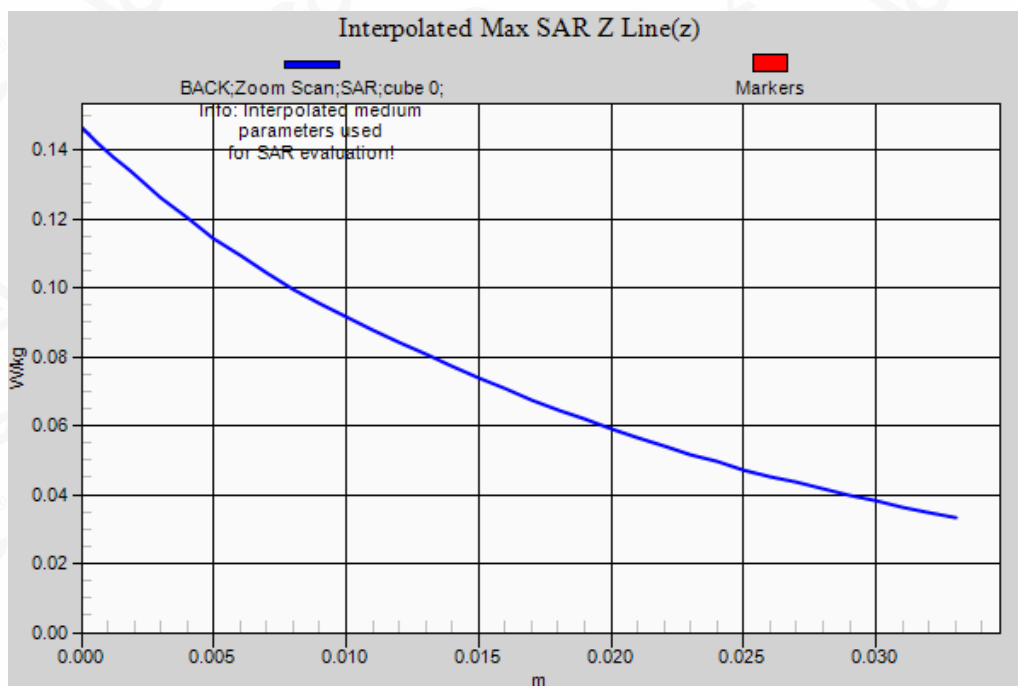
Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd

Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>





Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by [agc@agc-cert.com](mailto:agc@agc-cert.com).

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: [agc@agc-cert.com](mailto:agc@agc-cert.com) Web: <http://cn.agc-cert.com/>



**Test Laboratory: AGC Lab**  
**LTE Band 13 Mid-Touch-Left (1 RB#0)**  
**DUT: 4G Smart Phone; Type: AGM H5**

**Date: Jan. 08, 2022**

Communication System: LTE; Communication System Band: LTE Band 13; Duty Cycle:1:1;  
Frequency: 782 MHz; Medium parameters used:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.89 \text{ mho/m}$ ;  $\epsilon_r = 42.59$ ;  $\rho = 1000 \text{ kg/m}^3$  ;  
Phantom section: Left Section  
Ambient temperature ( $^{\circ}\text{C}$ ): 21.1, Liquid temperature ( $^{\circ}\text{C}$ ): 20.9

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(10.37, 10.37, 10.37); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration 4/L-C/Area Scan (8x14x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.0829 W/kg

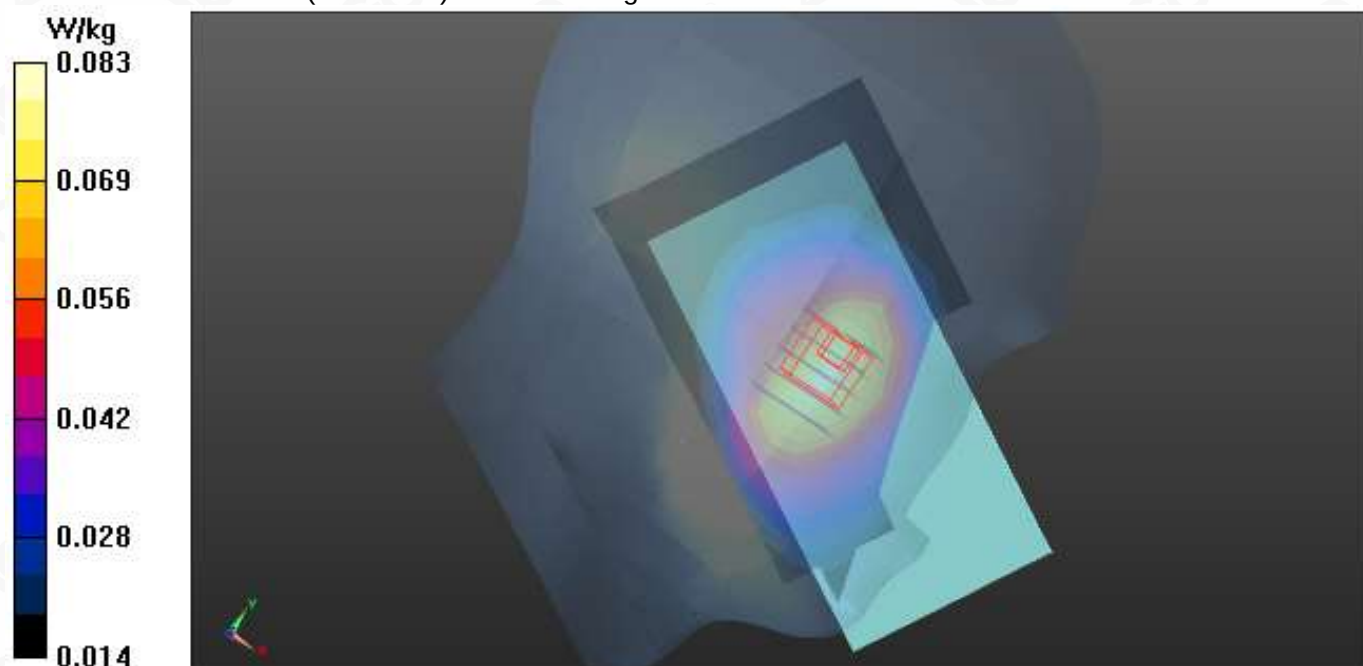
**Configuration 4/L-C/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 4.443 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.100 W/kg

**SAR(1 g) = 0.077 W/kg; SAR(10 g) = 0.060 W/kg**

Maximum value of SAR (measured) = 0.0832 W/kg



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by [agc@agc-cert.com](mailto:agc@agc-cert.com).

Attestation of Global Compliance(Shenzhen)Co., Ltd

Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: [agc@agc-cert.com](mailto:agc@agc-cert.com) Web: <http://cn.agc-cert.com/>



**Test Laboratory: AGC Lab**  
**LTE Band 13 Mid-Body-Back (1 RB#0)**  
**DUT: 4G Smart Phone; Type: AGM H5**

**Date: Jan. 08, 2022**

Communication System: LTE; Communication System Band: LTE Band 13; Duty Cycle:1:1;  
Frequency: 782 MHz; Medium parameters used:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.89 \text{ mho/m}$ ;  $\epsilon_r = 42.59$ ;  $\rho = 1000 \text{ kg/m}^3$  ;  
Phantom section: Flat Section  
Ambient temperature ( $^{\circ}\text{C}$ ): 21.1, Liquid temperature ( $^{\circ}\text{C}$ ): 20.9

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(10.37, 10.37, 10.37); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/BACK/Area Scan (8x14x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.115 W/kg

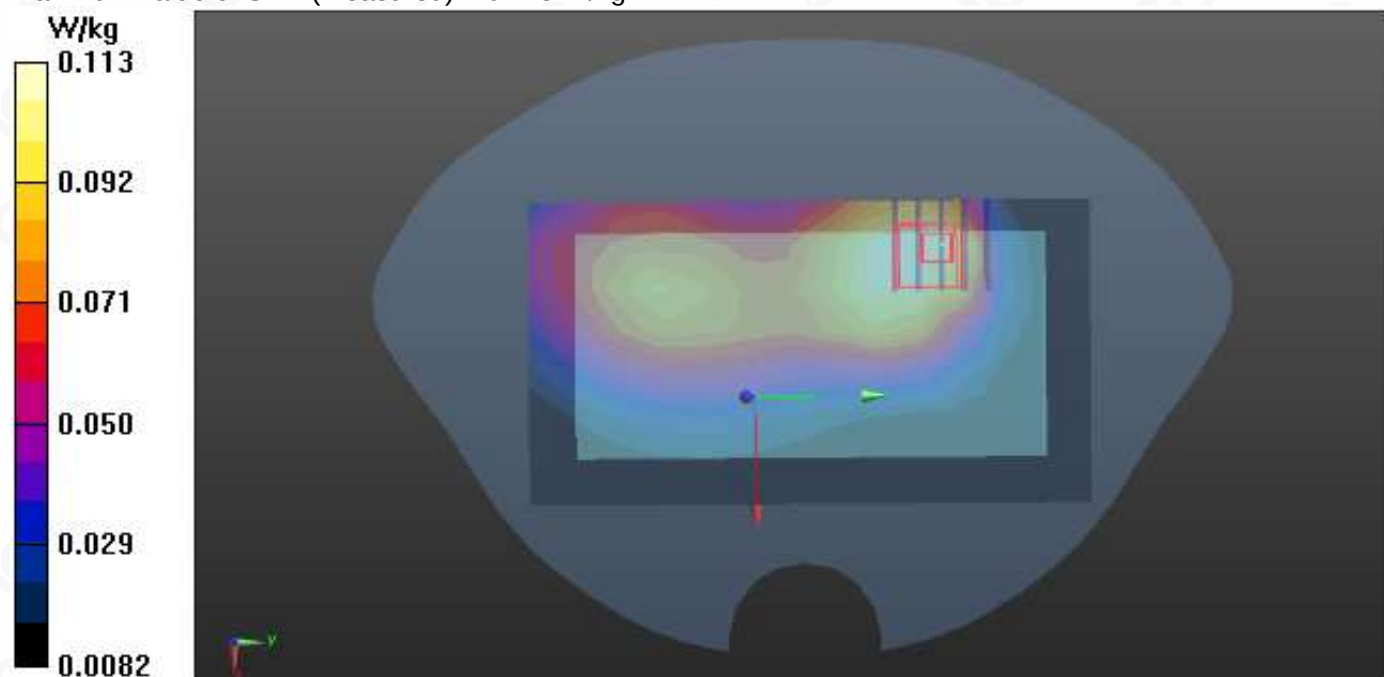
**Configuration/BACK/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 8.423 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.150 W/kg

**SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.066 W/kg**

Maximum value of SAR (measured) = 0.113 W/kg



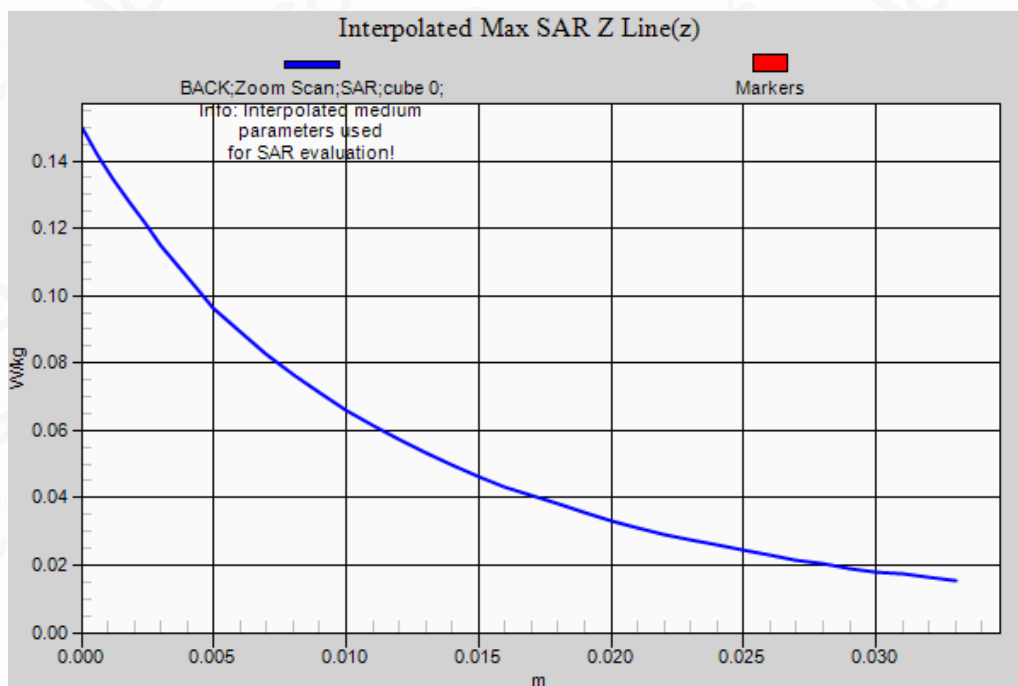
Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by [agc@agc-cert.com](mailto:agc@agc-cert.com).

Attestation of Global Compliance(Shenzhen)Co., Ltd

Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: [agc@agc-cert.com](mailto:agc@agc-cert.com) Web: <http://cn.agc-cert.com/>





Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>



**Test Laboratory: AGC Lab**  
**LTE Band 17 Mid-Touch-Right (1 RB#0)**  
**DUT: 4G Smart Phone; Type: AGM H5**

**Date: Jan. 08, 2022**

Communication System: LTE; Communication System Band: LTE Band 17; Duty Cycle:1:1;  
Frequency: 710 MHz; Medium parameters used:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.86 \text{ mho/m}$ ;  $\epsilon_r = 43.17$ ;  $\rho = 1000 \text{ kg/m}^3$  ;  
Phantom section: Left Section  
Ambient temperature ( $^{\circ}\text{C}$ ): 21.1, Liquid temperature ( $^{\circ}\text{C}$ ): 20.9

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(10.37, 10.37, 10.37); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration 5/R-C/Area Scan (8x14x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.0322 W/kg

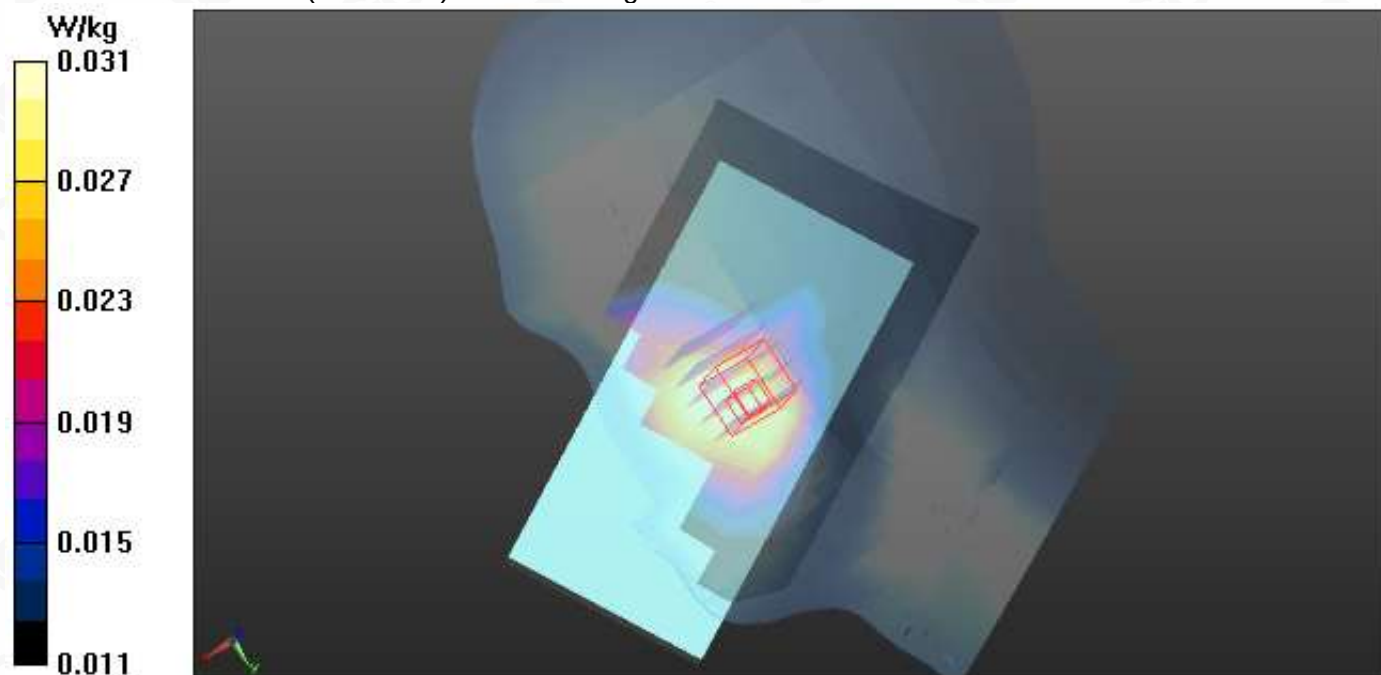
**Configuration 5/R-C/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 2.538 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.0400 W/kg

**SAR(1 g) = 0.030 W/kg; SAR(10 g) = 0.025 W/kg**

Maximum value of SAR (measured) = 0.0312 W/kg



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by [agc@agc-cert.com](mailto:agc@agc-cert.com).

Attestation of Global Compliance(Shenzhen)Co., Ltd

Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: [agc@agc-cert.com](mailto:agc@agc-cert.com) Web: <http://cn.agc-cert.com/>



**Test Laboratory: AGC Lab**  
**LTE Band 17 Mid- Edge 3( 1 RB#0)**  
**DUT: 4G Smart Phone; Type: AGM H5**

**Date: Jan. 08, 2022**

Communication System: LTE; Communication System Band: LTE Band 17; Duty Cycle:1:1;  
Frequency: 710 MHz; Medium parameters used:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.86 \text{ mho/m}$ ;  $\epsilon_r = 43.17$ ;  $\rho = 1000 \text{ kg/m}^3$  ;  
Phantom section: Flat Section  
Ambient temperature ( $^{\circ}\text{C}$ ): 21.1, Liquid temperature ( $^{\circ}\text{C}$ ): 20.9

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(10.37, 10.37, 10.37); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration 2/3/Area Scan (7x11x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.0765 W/kg

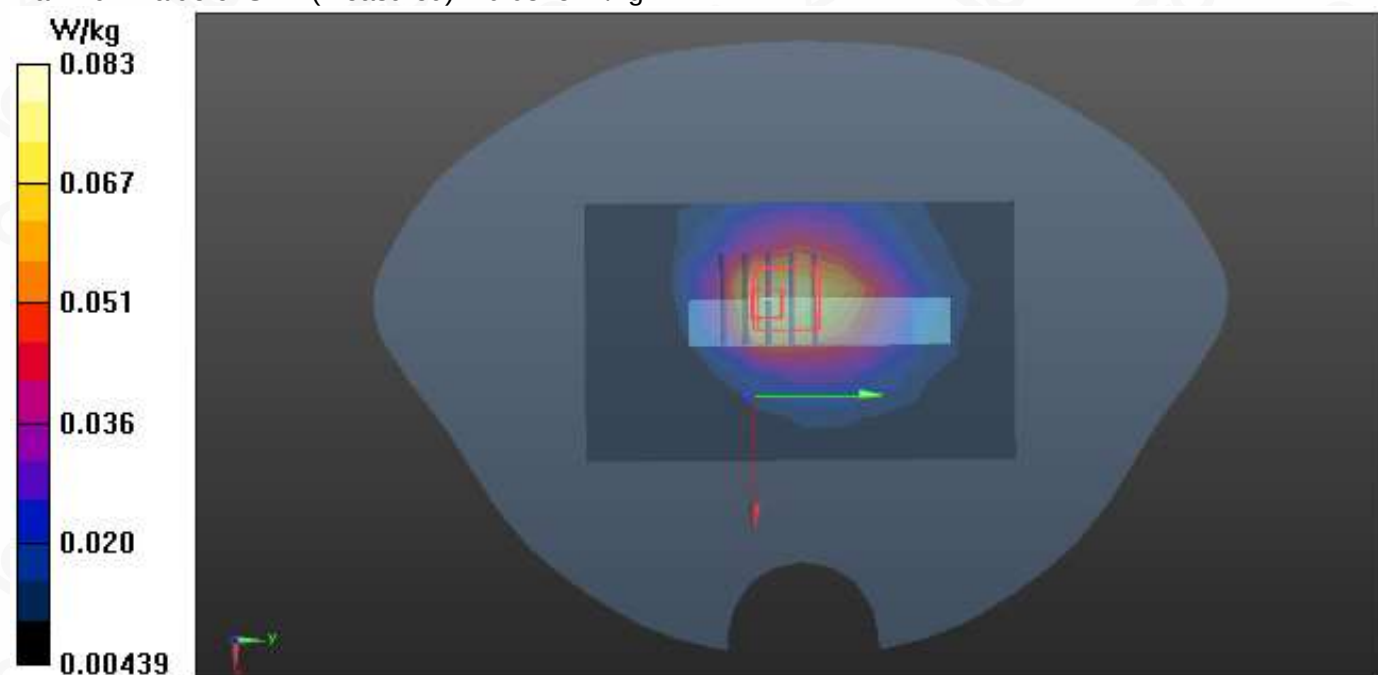
**Configuration 2/3/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 7.600 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.138 W/kg

**SAR(1 g) = 0.069 W/kg; SAR(10 g) = 0.043 W/kg**

Maximum value of SAR (measured) = 0.0825 W/kg



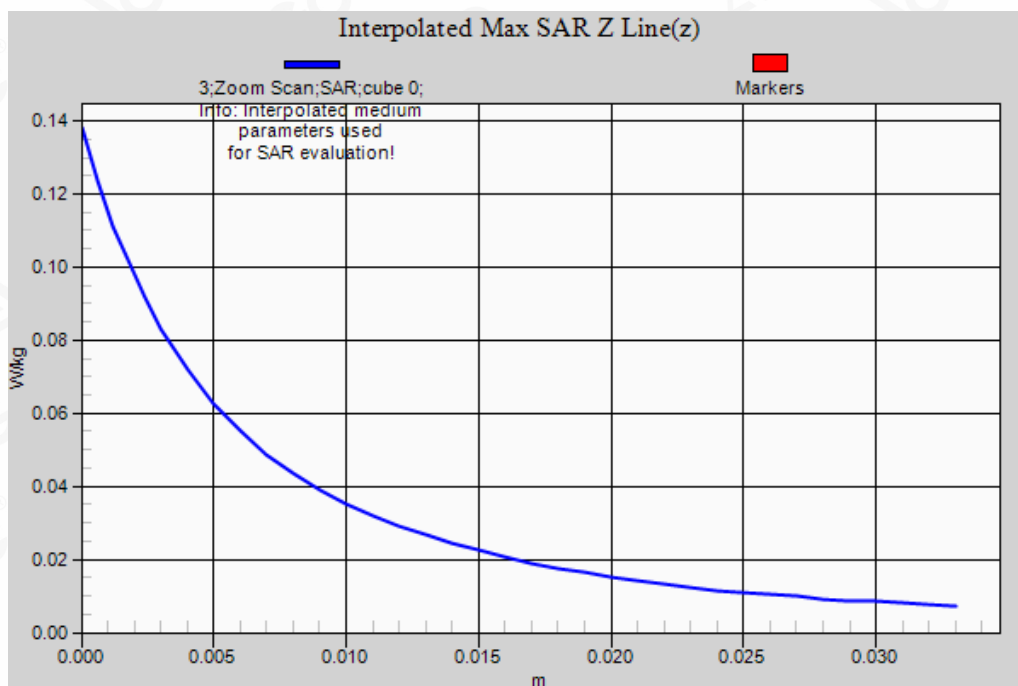
Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by [agc@agc-cert.com](mailto:agc@agc-cert.com).

Attestation of Global Compliance(Shenzhen)Co., Ltd

Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: [agc@agc-cert.com](mailto:agc@agc-cert.com) Web: <http://cn.agc-cert.com/>





Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>



**Test Laboratory: AGC Lab**  
**LTE Band 25 Mid-Touch-Left <SIM 1>**  
**DUT: 4G Smart Phone; Type: AGM H5**

**Date: Dec. 29, 2021**

Communication System: LTE; Communication System Band: LTE Band 25; Duty Cycle: 1:1;  
Frequency: 1882.5 MHz; Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.40$  mho/m;  $\epsilon_r = 40.13$ ;  $\rho = 1000$  kg/m<sup>3</sup>;  
Phantom section: Left Section  
Ambient temperature (°C): 20.5, Liquid temperature (°C): 20.3

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(8.26, 8.26, 8.26); Calibrated: Aug. 27,2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration 4/L-C/Area Scan (8x14x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.199 W/kg

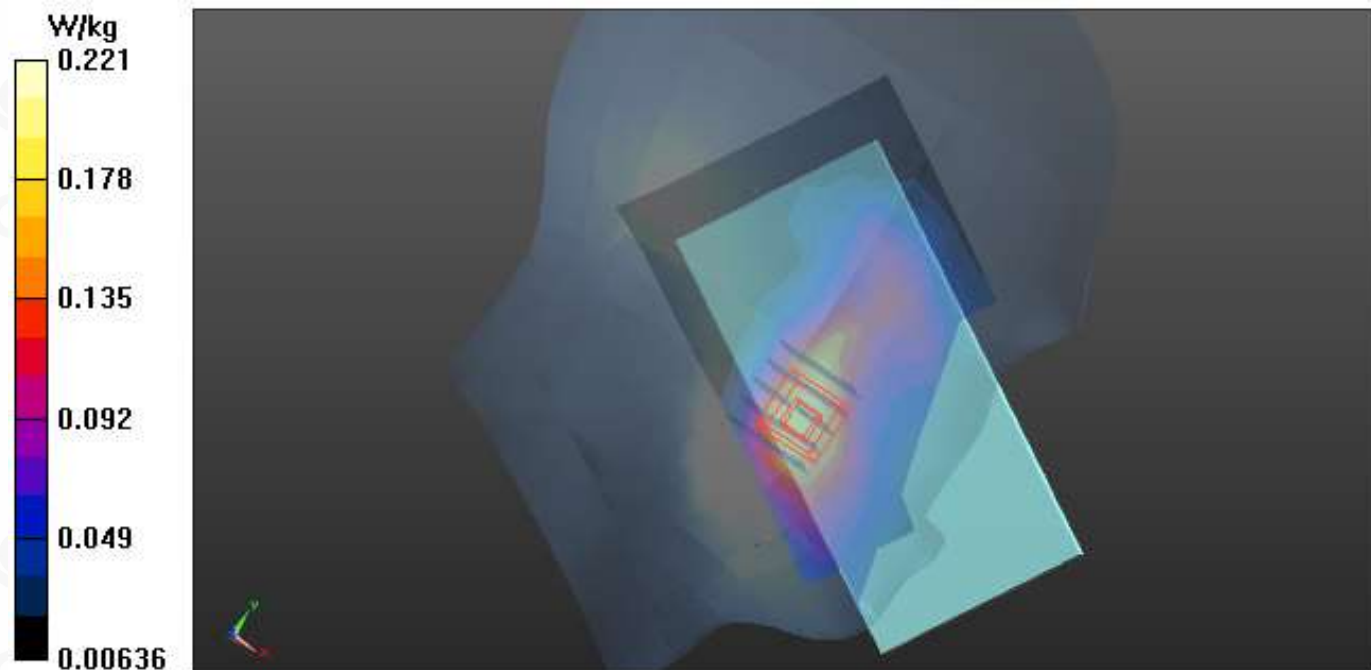
**Configuration 4/L-C/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 4.027 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.283 W/kg

**SAR(1 g) = 0.187 W/kg; SAR(10 g) = 0.116 W/kg**

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



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by [agc@agc-cert.com](mailto:agc@agc-cert.com).

Attestation of Global Compliance(Shenzhen)Co., Ltd

Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: [agc@agc-cert.com](mailto:agc@agc-cert.com) Web: <http://cn.agc-cert.com/>



**Test Laboratory: AGC Lab**  
**LTE Band 25 High-Body- Back (1 RB#0)**  
**DUT: 4G Smart Phone; Type: AGM H5**

**Date: Dec. 29, 2021**

Communication System: LTE; Communication System Band: LTE Band 25; Duty Cycle: 1:1;  
Frequency: 1905 MHz; Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.40$  mho/m;  $\epsilon_r = 40.13$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section  
Ambient temperature (°C): 20.5, Liquid temperature (°C): 20.3

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(8.26, 8.26, 8.26); Calibrated: Aug. 27,2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0$ , 31.0
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/BACK HIGH/Area Scan (8x14x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 1.17 W/kg

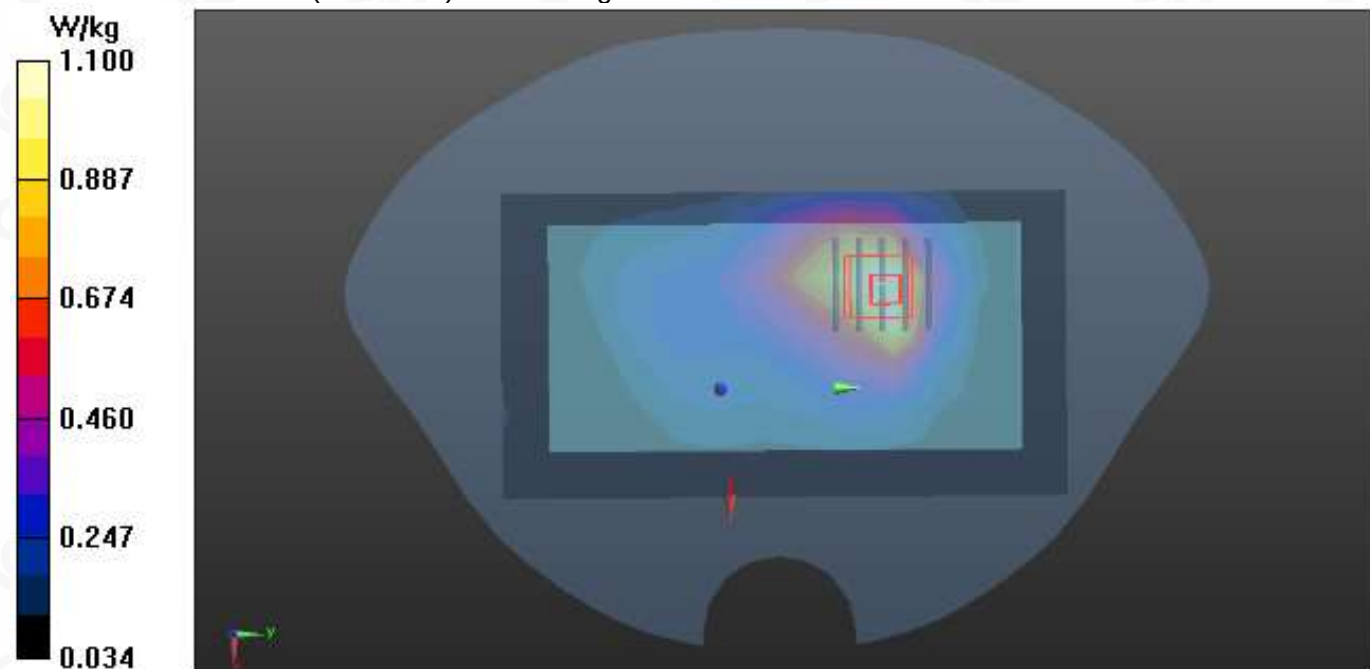
**Configuration/BACK HIGH/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 14.504 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.47 W/kg

**SAR(1 g) = 0.911 W/kg; SAR(10 g) = 0.542 W/kg**

Maximum value of SAR (measured) = 1.10 W/kg



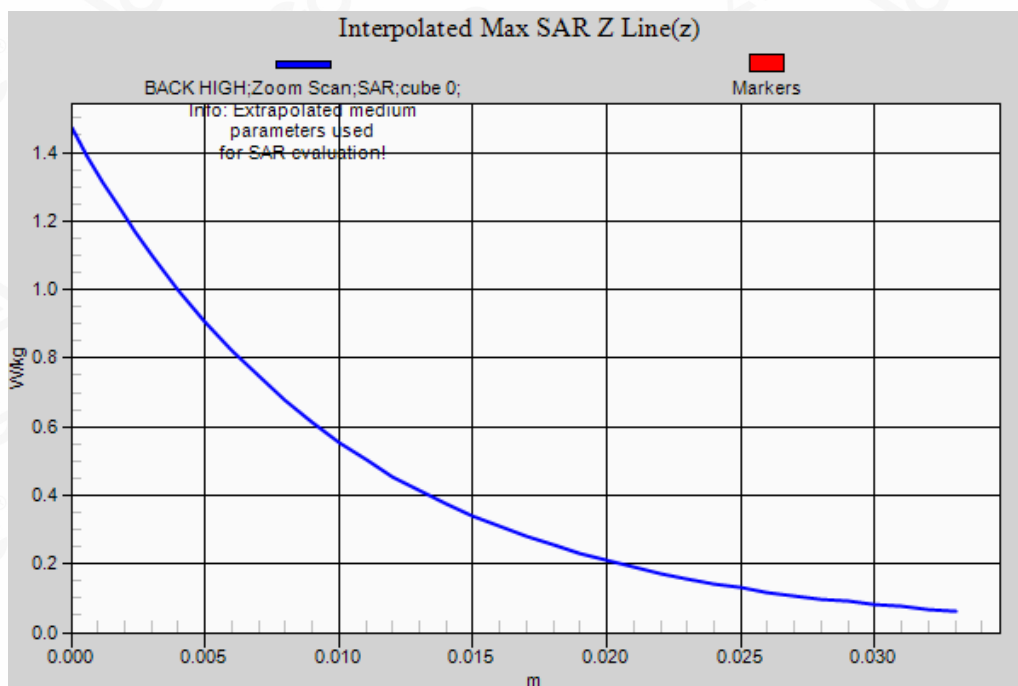
Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd

Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>





Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>



**WIFI MODE**

Test Laboratory: AGC Lab

802.11b Mid-Touch-Left

DUT: 4G Smart Phone; Type: AGM H5

Date: Jan. 07, 2022

Communication System: Wi-Fi; Communication System Band: 802.11b; Duty Cycle: 1:1;  
Frequency: 2437 MHz; Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.81$  mho/m;  $\epsilon_r = 39.13$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Left Section  
Ambient temperature (°C): 20.5, Liquid temperature (°C): 20.3

## DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(7.60, 7.60, 7.60); Calibrated: Aug. 27,2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration 4/L-C/Area Scan (8x14x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.422 W/kg

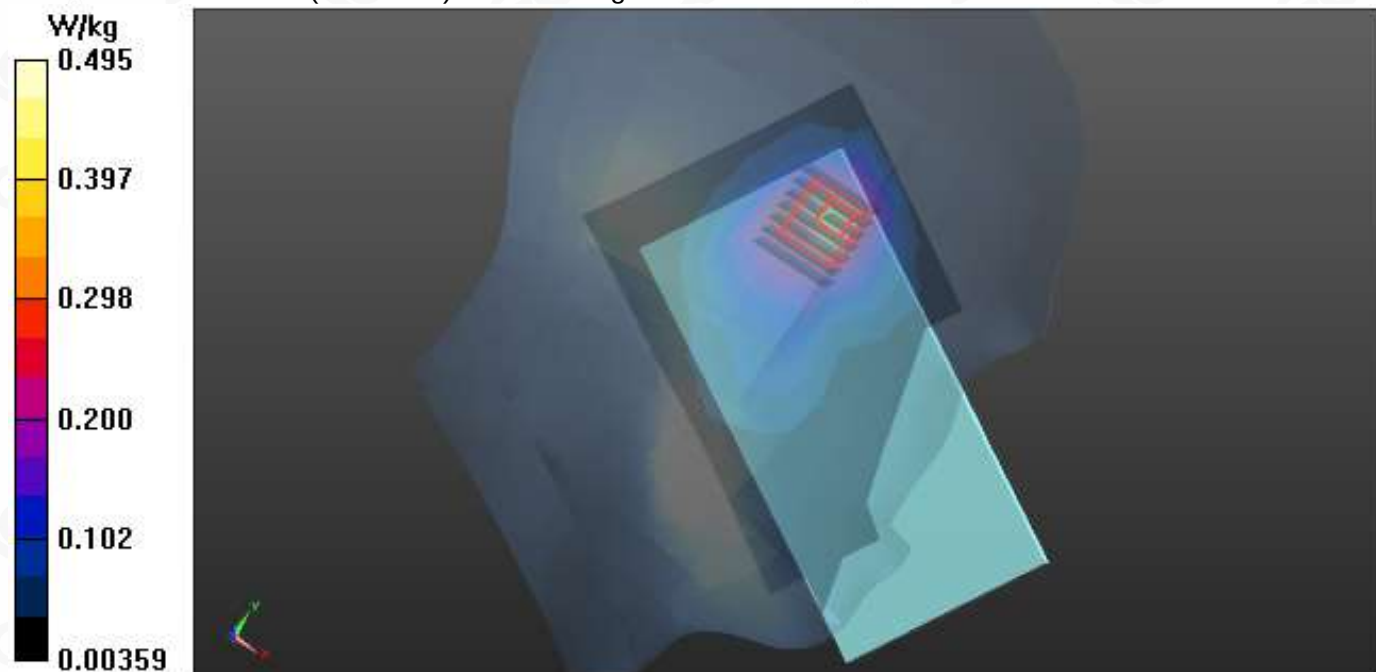
**Configuration 4/L-C/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 8.291 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.823 W/kg

**SAR(1 g) = 0.385 W/kg; SAR(10 g) = 0.184 W/kg**

Maximum value of SAR (measured) = 0.495 W/kg



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd

Attestation of Global Compliance(Shenzhen)Std &amp; Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>

**Test Laboratory: AGC Lab**  
**802.11b Mid- Edge 1 (DTS)**  
**DUT: 4G Smart Phone; Type: AGM H5**

**Date: Jan. 07, 2022**

Communication System: Wi-Fi; Communication System Band: 802.11b; Duty Cycle: 1:1;  
Frequency: 2437 MHz; Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.81$  mho/m;  $\epsilon_r = 39.13$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section  
Ambient temperature (°C): 20.5, Liquid temperature (°C): 20.3

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(7.60, 7.60, 7.60); Calibrated: Aug. 27,2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

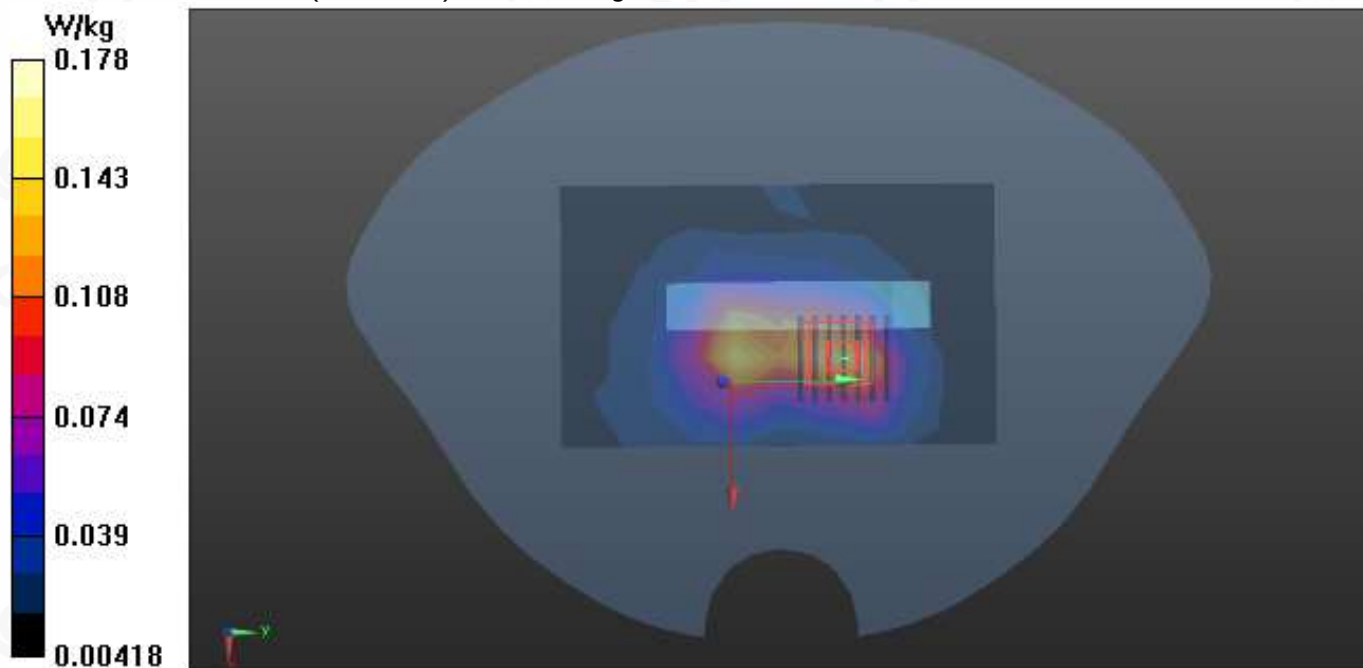
**Configuration 2/1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 8.201 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.279 W/kg

**SAR(1 g) = 0.141 W/kg; SAR(10 g) = 0.072 W/kg**

Maximum value of SAR (measured) = 0.178 W/kg



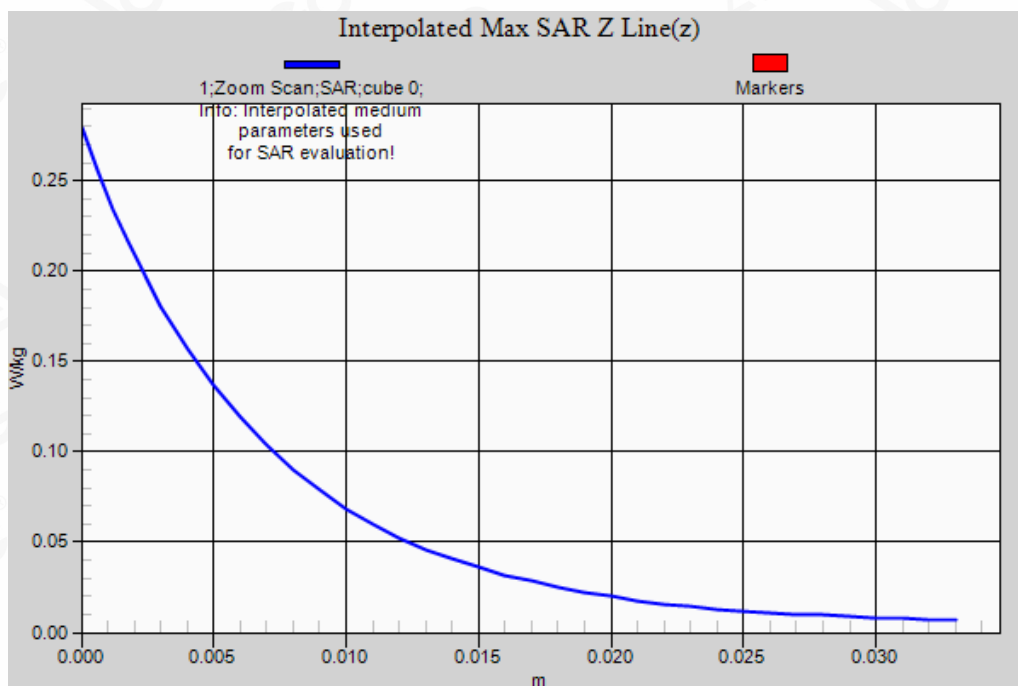
Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd

Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>





Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>



**Test Laboratory: AGC Lab**  
**5.2GHz -802.11a CH40- Mid-Touch-Left**  
**DUT: 4G Smart Phone; Type: AGM H5**

**Date: Jan. 05, 2022**

Communication System: Wi-Fi; Communication System Band: 802.11a; Duty Cycle: 1:1  
Frequency: 5200 MHz; Medium parameters used:  $f = 5250\text{MHz}$ ;  $\sigma = 4.63\text{ mho/m}$ ;  $\epsilon_r = 35.64$ ;  $\rho = 1000\text{ kg/m}^3$  ;  
Phantom section: Left Section  
Ambient temperature ( $^{\circ}\text{C}$ ): 20.3, Liquid temperature ( $^{\circ}\text{C}$ ): 20.1

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(5.42, 5.42, 5.42); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration 4/L-C/Area Scan (8x14x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.0594 W/kg

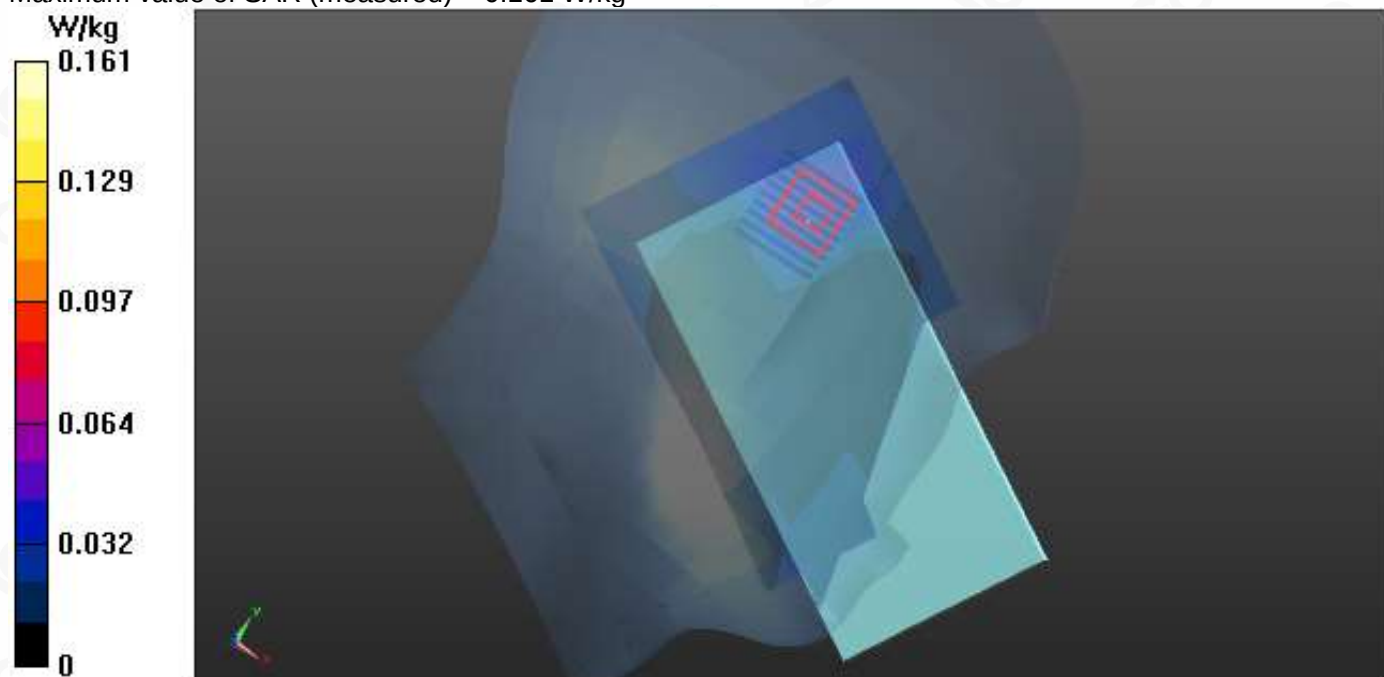
**Configuration 4/L-C/Zoom Scan (9x9x16)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Reference Value = 2.666 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.624 W/kg

**SAR(1 g) = 0.087 W/kg; SAR(10 g) = 0.039 W/kg**

Maximum value of SAR (measured) = 0.161 W/kg



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by [agc@agc-cert.com](mailto:agc@agc-cert.com).

Attestation of Global Compliance(Shenzhen)Co., Ltd

Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: [agc@agc-cert.com](mailto:agc@agc-cert.com) Web: <http://cn.agc-cert.com/>



**Test Laboratory: AGC Lab**  
**5.2GHz -802.11a CH40- Mid-Edge 1 (Top)**  
**DUT: 4G Smart Phone; Type: AGM H5**

**Date: Jan. 05, 2022**

Communication System: Wi-Fi; Communication System Band: 802.11a; Duty Cycle: 1:1  
Frequency: 5200 MHz; Medium parameters used:  $f = 5250\text{MHz}$ ;  $\sigma = 4.63\text{ mho/m}$ ;  $\epsilon_r = 35.64$ ;  $\rho = 1000\text{ kg/m}^3$  ;  
Phantom section: Flat Section  
Ambient temperature ( $^{\circ}\text{C}$ ): 20.3, Liquid temperature ( $^{\circ}\text{C}$ ): 20.1

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(5.42, 5.42, 5.42); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration 2/1/Area Scan (7x11x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.0684 W/kg

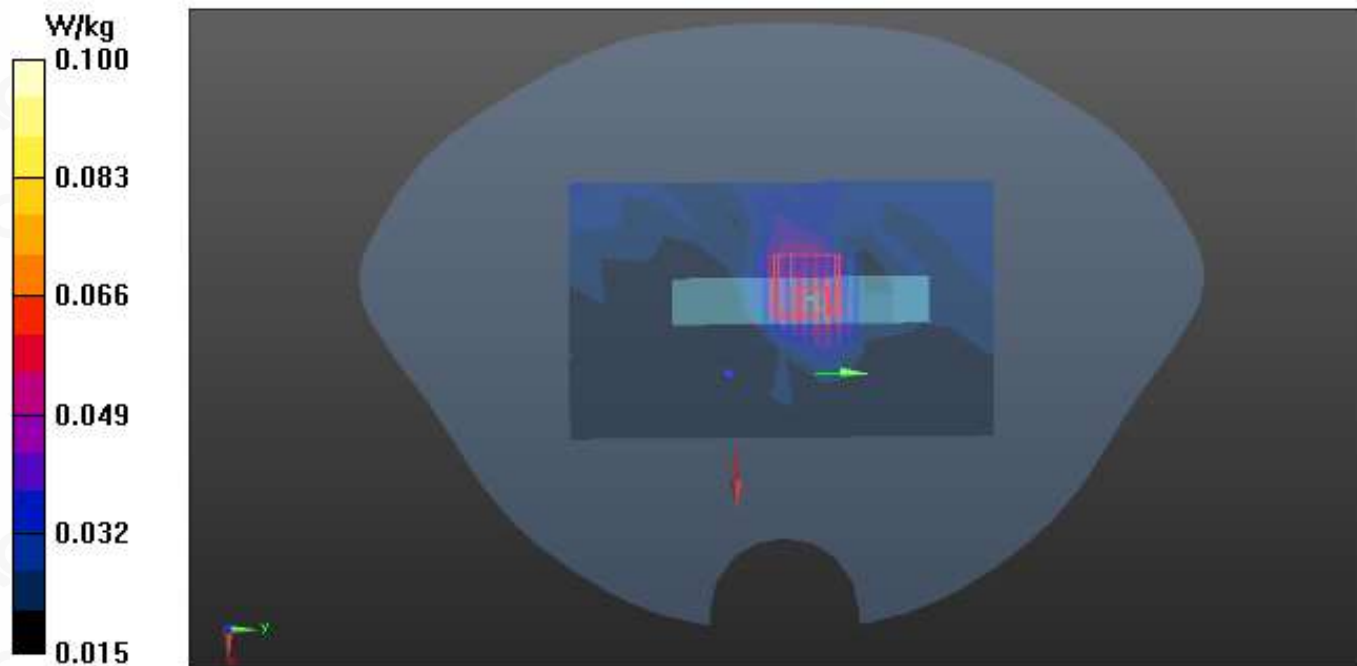
**Configuration 2/1/Zoom Scan (9x9x16)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Reference Value = 2.997 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.165 W/kg

**SAR(1 g) = 0.066 W/kg; SAR(10 g) = 0.044 W/kg**

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



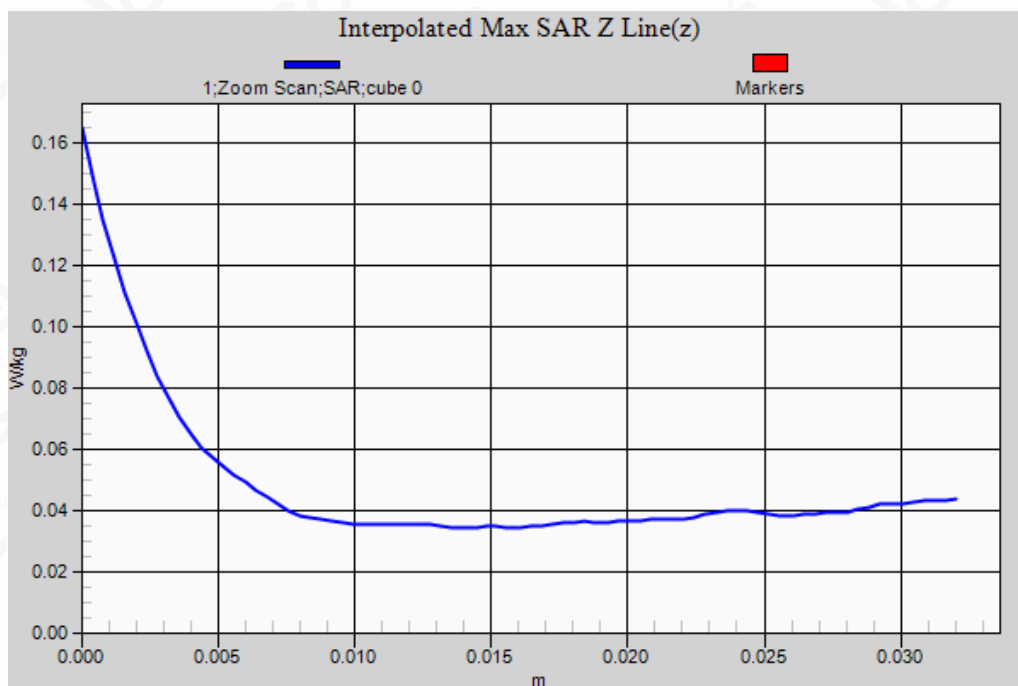
Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd

Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>





Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>



**Test Laboratory: AGC Lab**  
**5.3GHz -802.11a CAGM H56- Mid -Left- Tilt**  
**DUT: 4G Smart Phone; Type: AGM H5**

**Date: Jan. 06, 2022**

Communication System: Wi-Fi; Communication System Band: 802.11a; Duty Cycle: 1:1  
Frequency: 5280 MHz; Medium parameters used:  $f = 5250\text{MHz}$ ;  $\sigma = 4.81\text{ mho/m}$ ;  $\epsilon_r = 36.07$ ;  $\rho = 1000\text{ kg/m}^3$  ;  
Phantom section: Left Section  
Ambient temperature ( $^{\circ}\text{C}$ ): 20.6, Liquid temperature ( $^{\circ}\text{C}$ ): 20.4

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(5.42, 5.42, 5.42); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: Apr. 23,2020
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration 4/L-T/Area Scan (8x14x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.0480 W/kg

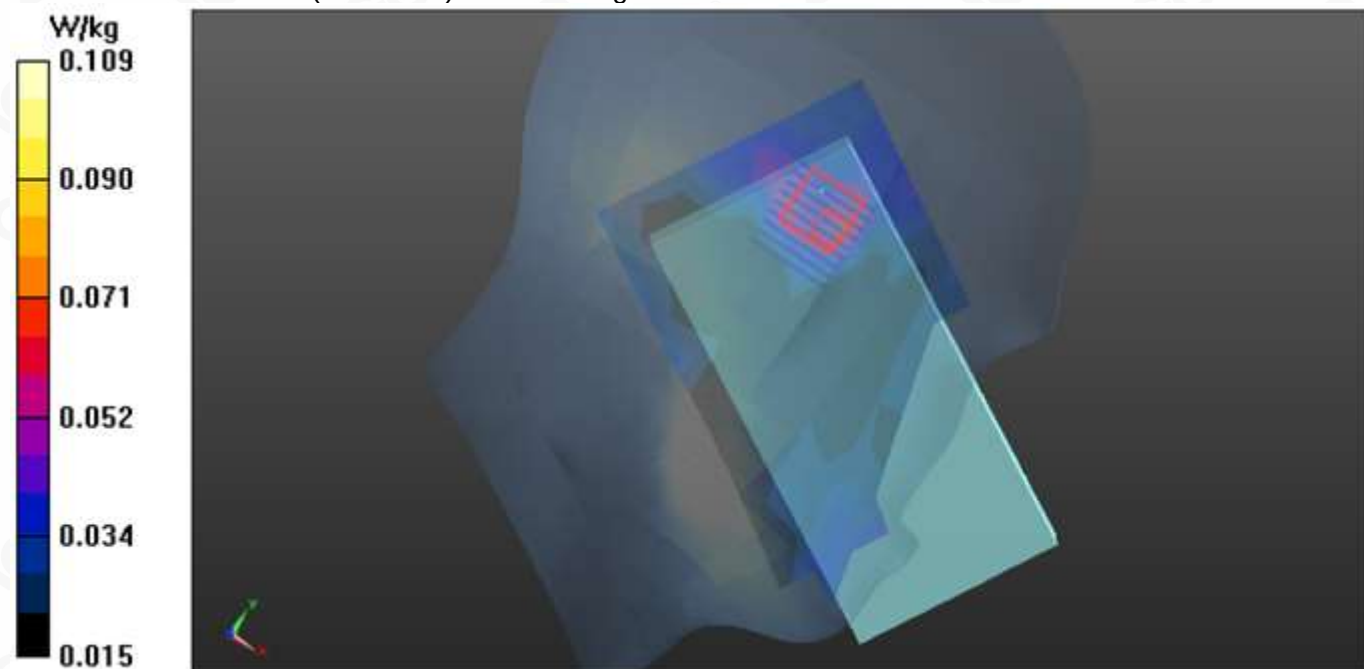
**Configuration 4/L-T/Zoom Scan (9x9x16)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Reference Value = 2.651 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.110 W/kg

**SAR(1 g) = 0.091 W/kg; SAR(10 g) = 0.076 W/kg**

Maximum value of SAR (measured) = 0.109 W/kg



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by [agc@agc-cert.com](mailto:agc@agc-cert.com).

Attestation of Global Compliance(Shenzhen)Co., Ltd

Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: [agc@agc-cert.com](mailto:agc@agc-cert.com) Web: <http://cn.agc-cert.com/>



**Test Laboratory: AGC Lab**  
**5.3GHz -802.11a CAGM H56- Mid-Body-Front**  
**DUT: 4G Smart Phone; Type: AGM H5**

**Date: Jan. 06, 2022**

Communication System: Wi-Fi; Communication System Band: 802.11a; Duty Cycle: 1:1  
Frequency: 5280 MHz; Medium parameters used:  $f = 5250\text{MHz}$ ;  $\sigma = 4.81\text{ mho/m}$ ;  $\epsilon_r = 36.07$ ;  $\rho = 1000\text{ kg/m}^3$  ;  
Phantom section: Flat Section  
Ambient temperature ( $^{\circ}\text{C}$ ): 20.6, Liquid temperature ( $^{\circ}\text{C}$ ): 20.4

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(5.42, 5.42, 5.42); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: Apr. 23,2020
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/FRONT/Area Scan (8x14x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.0536 W/kg

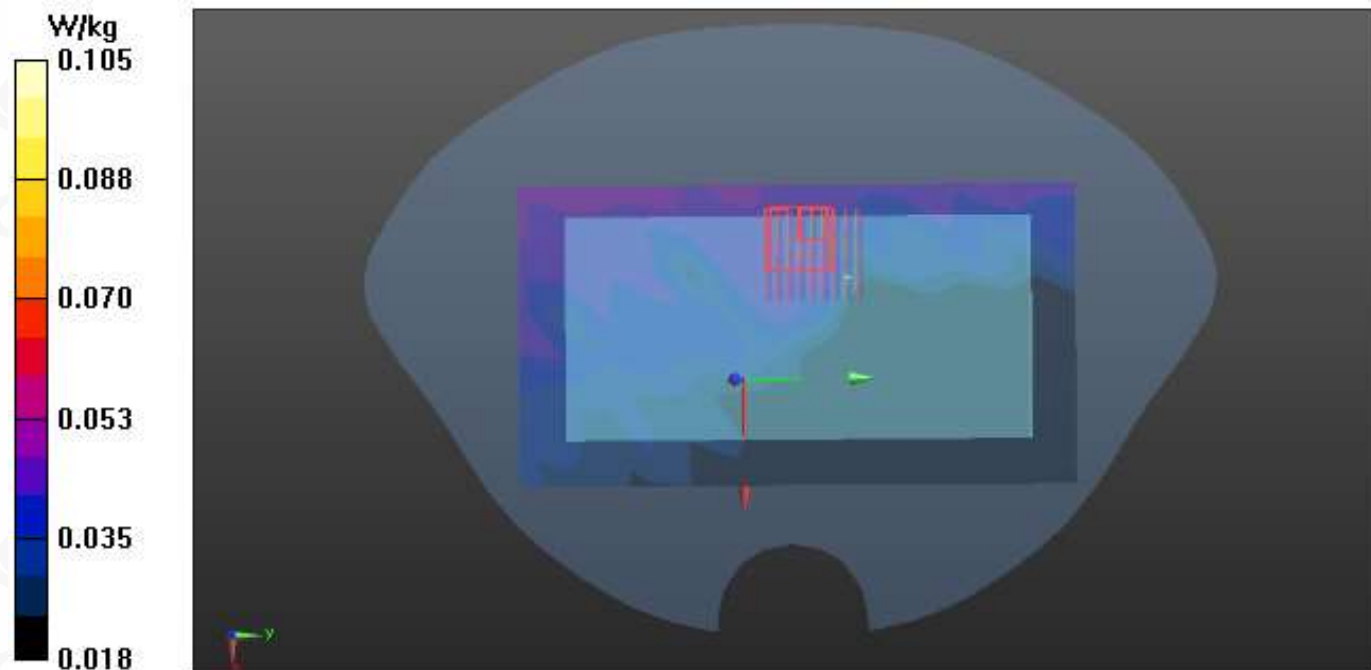
**Configuration/FRONT/Zoom Scan (9x9x16)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2\text{mm}$

Reference Value = 3.007 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.105 W/kg

**SAR(1 g) = 0.074 W/kg; SAR(10 g) = 0.066 W/kg**

Maximum value of SAR (measured) = 0.105 W/kg



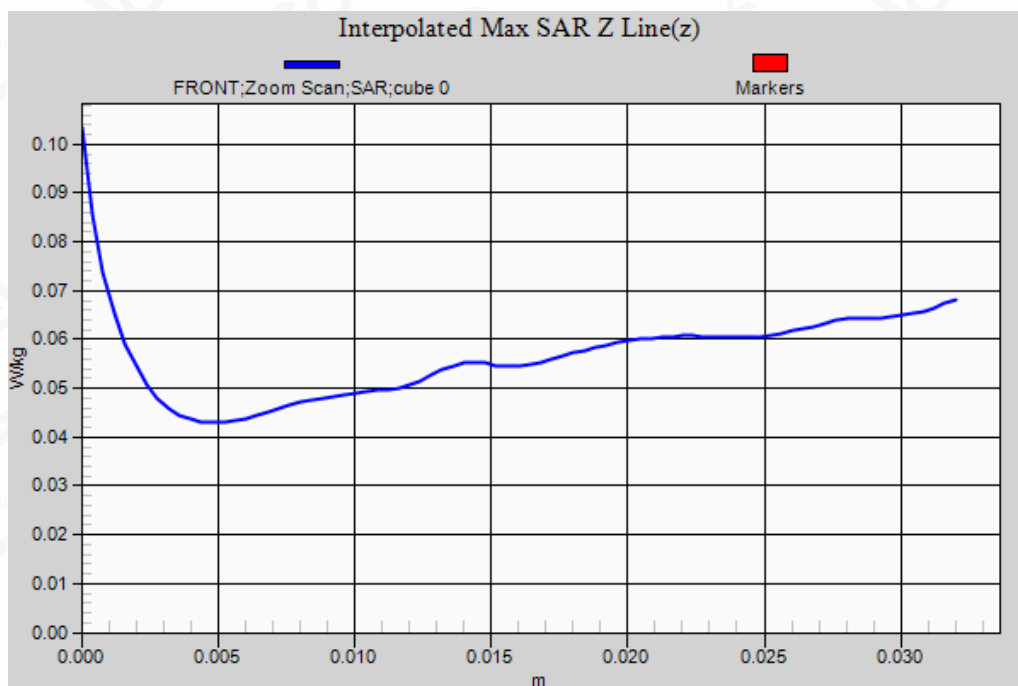
Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by [agc@agc-cert.com](mailto:agc@agc-cert.com).

Attestation of Global Compliance(Shenzhen)Co., Ltd

Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: [agc@agc-cert.com](mailto:agc@agc-cert.com) Web: <http://cn.agc-cert.com/>





Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>



**Test Laboratory: AGC Lab**  
**5.8GHz -802.11a CH157- Mid-Touch-Right**  
**DUT: 4G Smart Phone; Type: AGM H5**

**Date: Jan. 07, 2022**

Communication System: Wi-Fi; Communication System Band: 802.11a; Duty Cycle: 1:1  
Frequency: 5785 MHz; Medium parameters used:  $f = 5750$  MHz;  $\sigma = 5.19$  mho/m;  $\epsilon_r = 35.67$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Right Section  
Ambient temperature (°C): 20.5, Liquid temperature (°C): 20.3

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(4.96, 4.96, 4.96); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration 5/R-C/Area Scan (8x14x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.110 W/kg

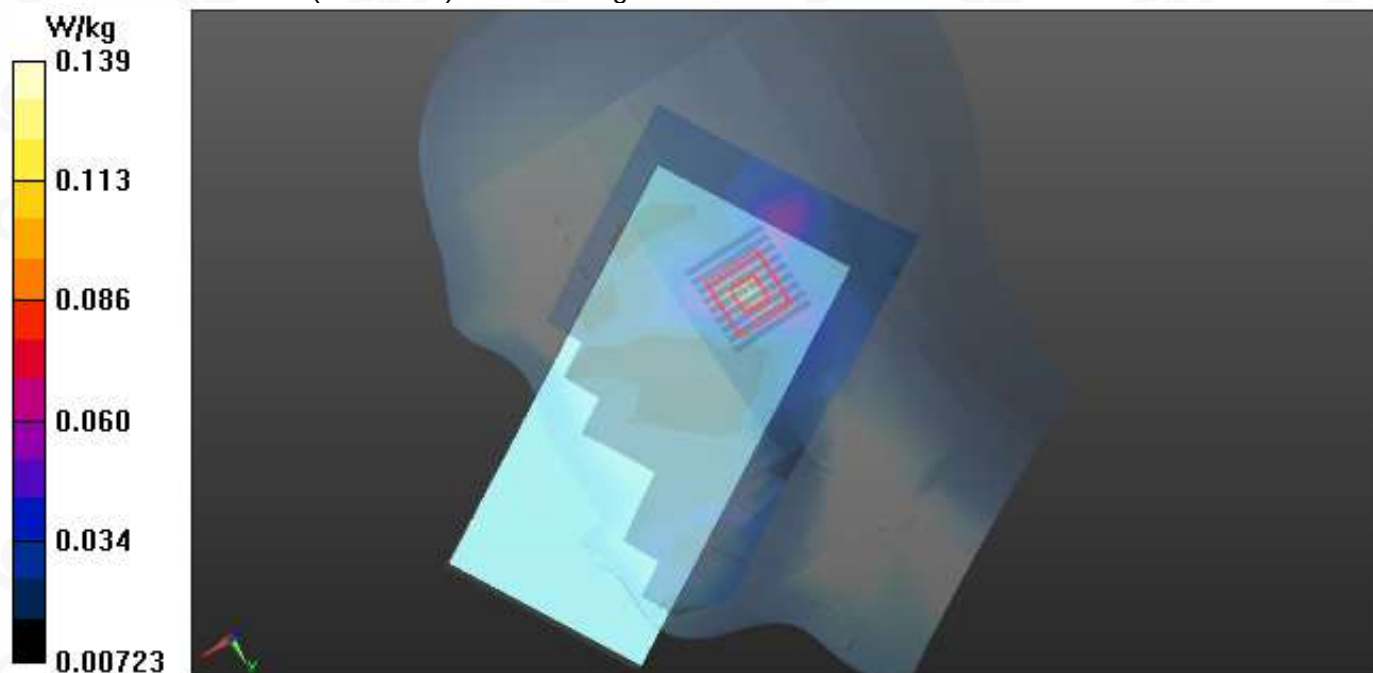
**Configuration 5/R-C/Zoom Scan (9x9x16)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

Reference Value = 2.775 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.258 W/kg

**SAR(1 g) = 0.083 W/kg; SAR(10 g) = 0.041 W/kg**

Maximum value of SAR (measured) = 0.139 W/kg



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd

Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>



**Test Laboratory: AGC Lab**  
**5.8GHz -802.11a CH157- Mid-Body-Back**  
**DUT: 4G Smart Phone; Type: AGM H5**

**Date: Jan. 07, 2022**

Communication System: Wi-Fi; Communication System Band: 802.11a; Duty Cycle: 1:1  
Frequency: 5785 MHz; Medium parameters used:  $f = 5750$  MHz;  $\sigma = 5.19$  mho/m;  $\epsilon_r = 35.67$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section  
Ambient temperature (°C): 20.5, Liquid temperature (°C): 20.3

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(4.96, 4.96, 4.96); Calibrated: Aug. 27,2021;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/BACK/Area Scan (8x14x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 0.0526 W/kg

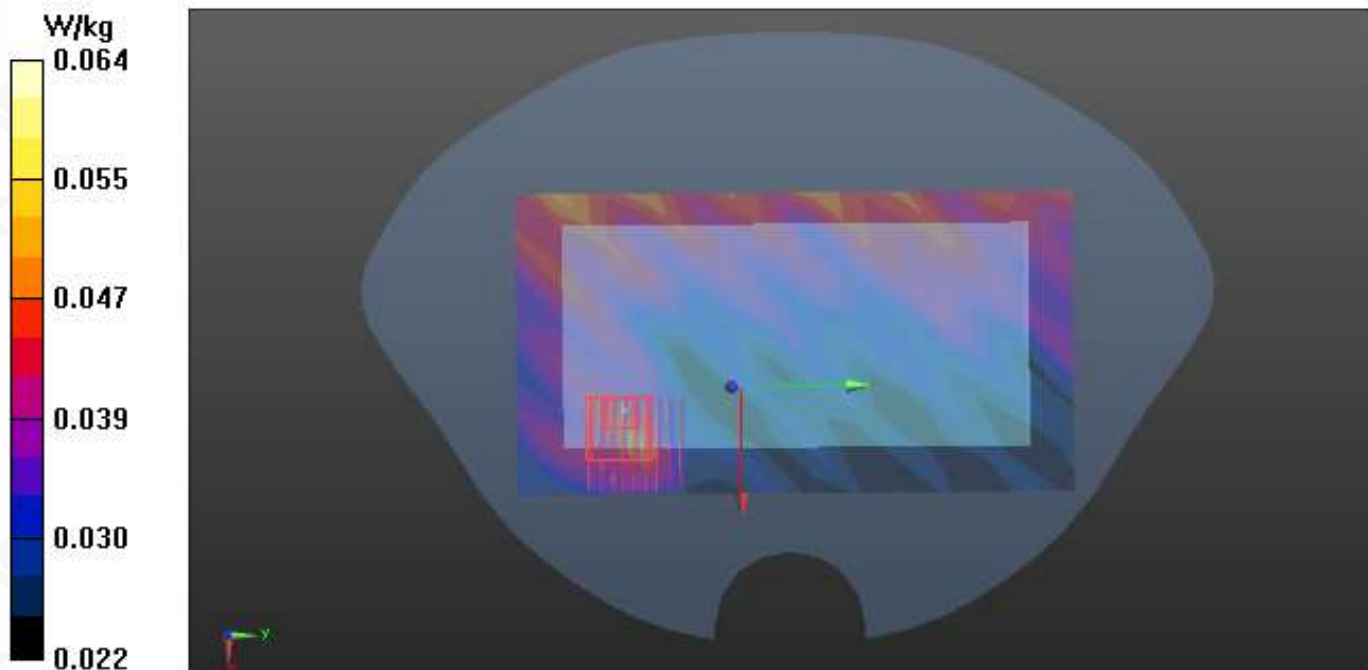
**Configuration/BACK/Zoom Scan (9x9x16)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=2$ mm

Reference Value = 2.498 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.0780 W/kg

**SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.043 W/kg**

Maximum value of SAR (measured) = 0.0638 W/kg



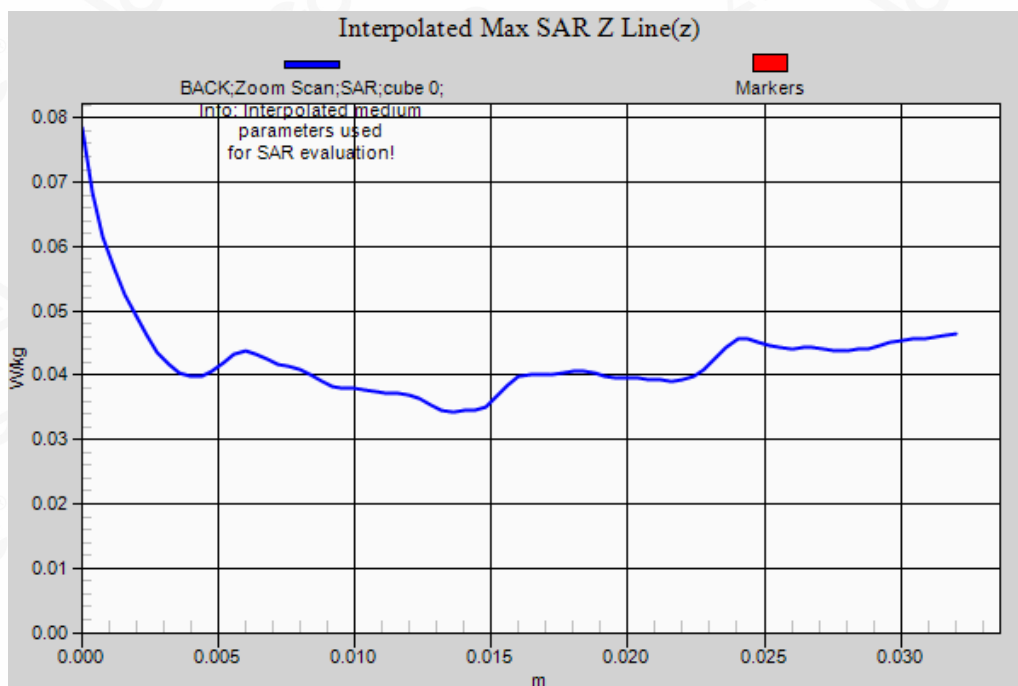
Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd

Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>





Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by [agc@agc-cert.com](mailto:agc@agc-cert.com).

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: [agc@agc-cert.com](mailto:agc@agc-cert.com) Web: <http://cn.agc-cert.com/>



## Repeated SAR

Test Laboratory: AGC Lab

Date: Jan. 04, 2022

GPRS 1900 High-Body- Back (2up) < SIM 1>

DUT: 4G Smart Phone; Type: AGM H5

Communication System: GPRS-2 Slot; Communication System Band: PCS 1900; Duty Cycle: 1:4.2;  
Frequency: 1909.8 MHz; Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.36$  mho/m;  $\epsilon_r = 39.98$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section  
Ambient temperature (°C):20.7, Liquid temperature (°C): 20.5

### DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(8.26, 8.26, 8.26); Calibrated: Aug. 27,2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration / BACK REPEAT /Area Scan (7x11x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 1.28 W/kg

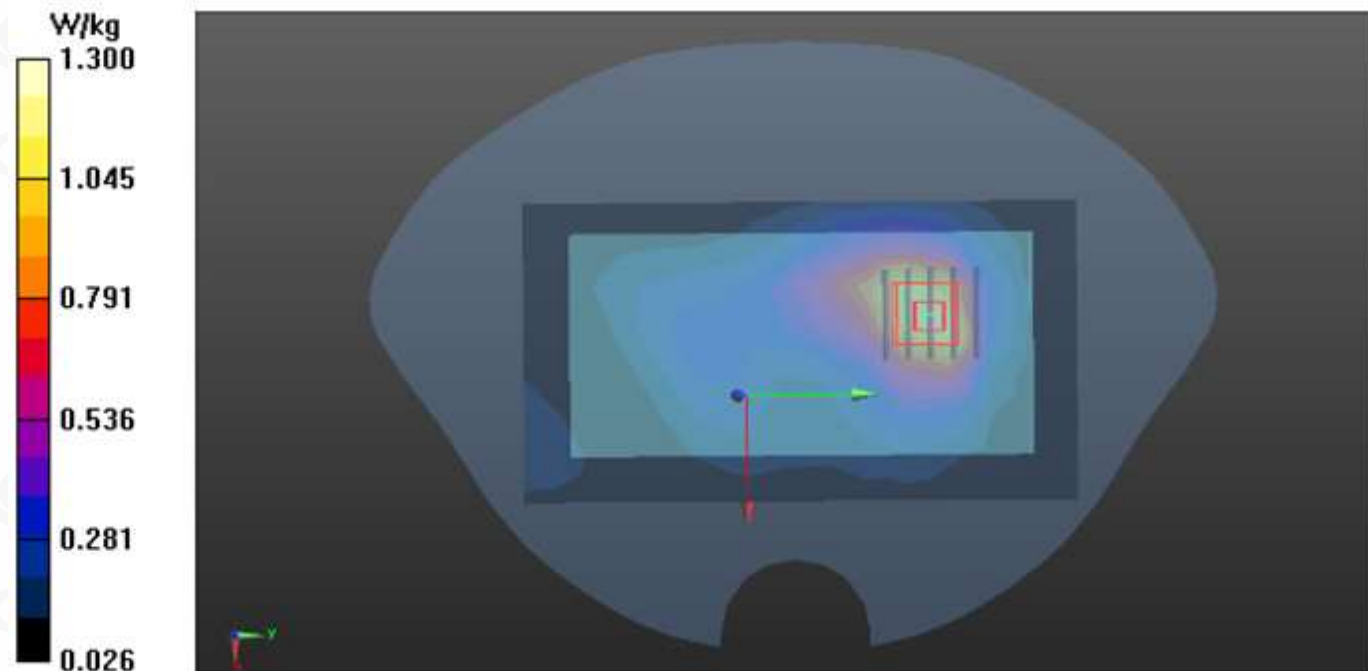
**Configuration / BACK REPEAT /Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 25.823 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.81 W/kg

**SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.573 W/kg**

Maximum value of SAR (measured) = 1.30 W/kg



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by [agc@agc-cert.com](mailto:agc@agc-cert.com).

Attestation of Global Compliance(Shenzhen)Co., Ltd

Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: [agc@agc-cert.com](mailto:agc@agc-cert.com) Web: <http://cn.agc-cert.com/>



**Test Laboratory: AGC Lab**  
**LTE Band 25 High-Body- Back (1 RB#0)**  
**DUT: 4G Smart Phone; Type: AGM H5**

**Date: Dec. 29, 2021**

Communication System: LTE; Communication System Band: LTE Band 25; Duty Cycle: 1:1;  
Frequency: 1905 MHz; Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.40$  mho/m;  $\epsilon_r = 40.13$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section  
Ambient temperature (°C): 20.5, Liquid temperature (°C): 20.3

DASY Configuration:

- Probe: EX3DV4 – SN:3953; ConvF(8.26, 8.26, 8.26); Calibrated: Aug. 27,2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 SN1398; Calibrated: May 17,2021
- Phantom: SAM (20deg probe tilt) with CRP v5.0; Type: QD000P40CD;
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration/BACK REPEAT/Area Scan (8x14x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 1.12 W/kg

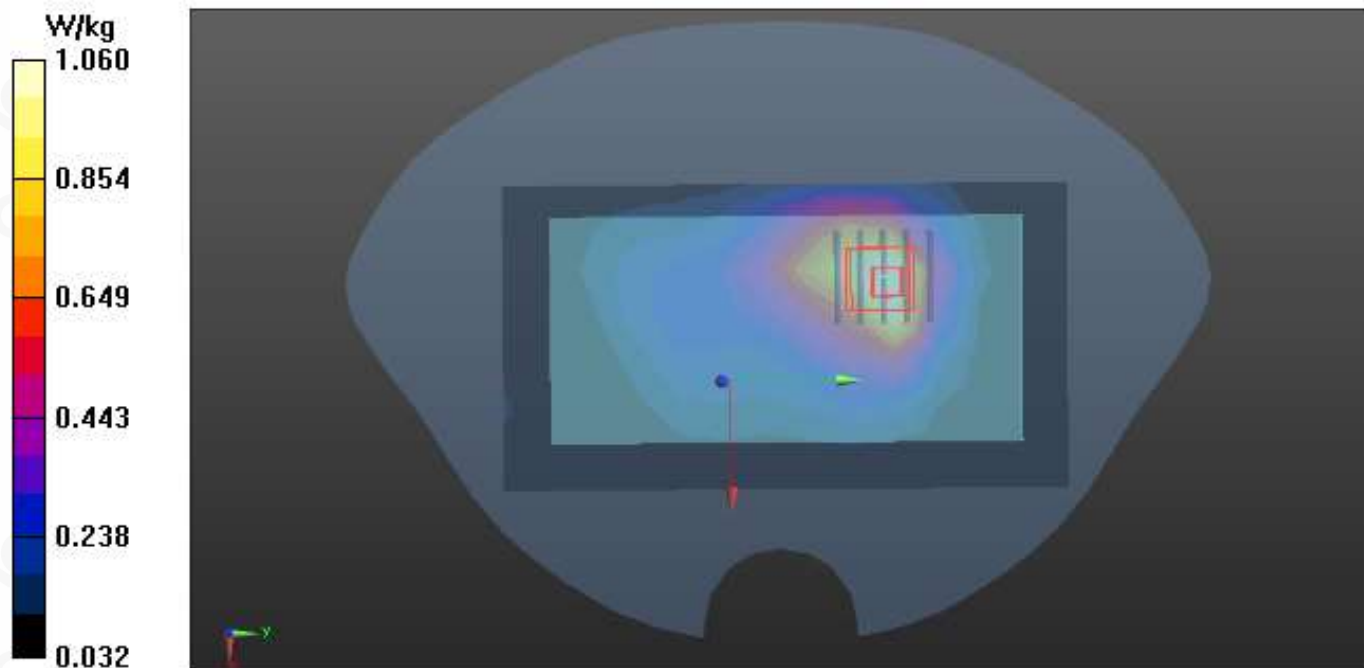
**Configuration/BACK REPEAT/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 14.430 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.42 W/kg

**SAR(1 g) = 0.880 W/kg; SAR(10 g) = 0.523 W/kg**

Maximum value of SAR (measured) = 1.06 W/kg



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd

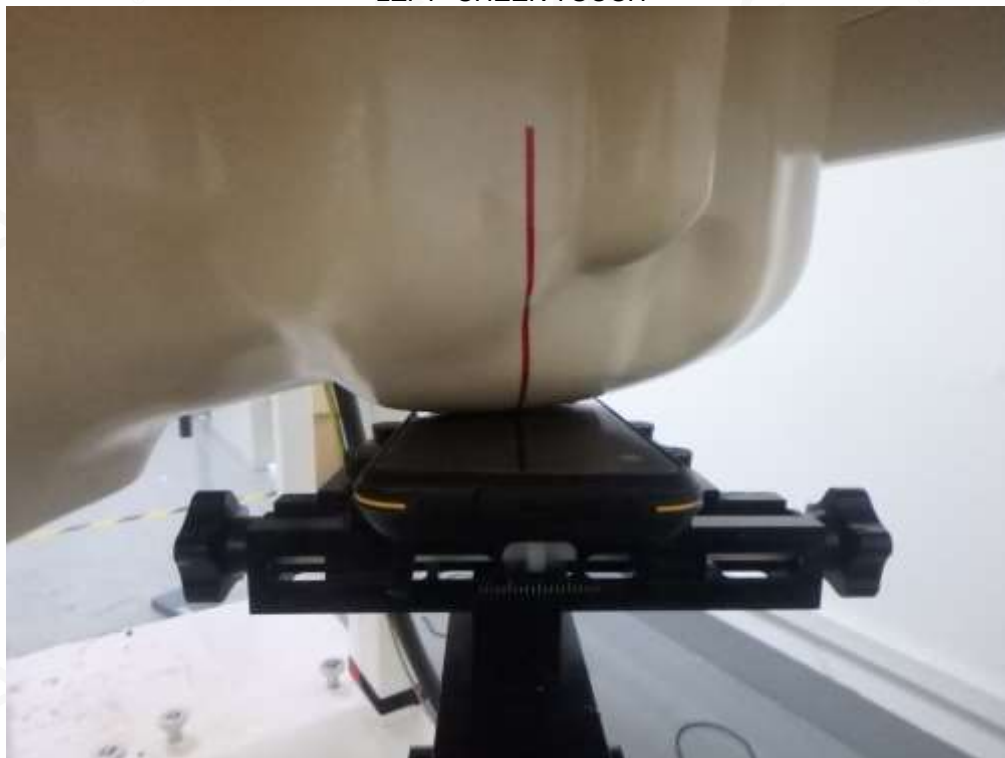
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>

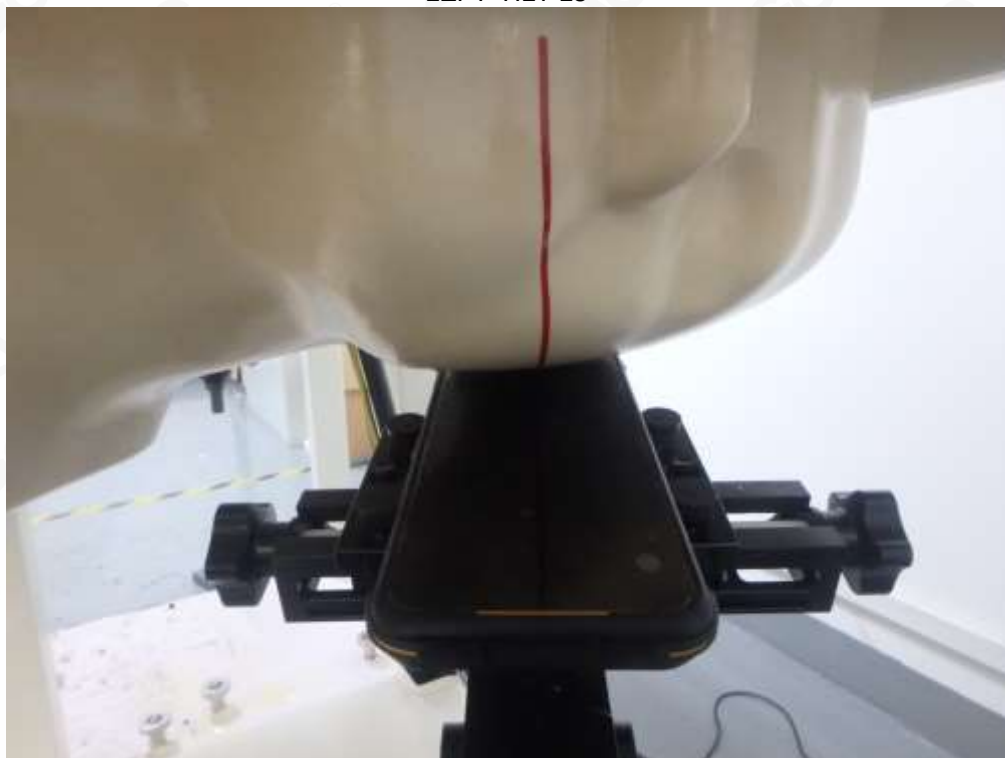


## APPENDIX C. TEST SETUP PHOTOGRAPHS

### LEFT- CHEEK TOUCH



### LEFT-TILT 15°



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

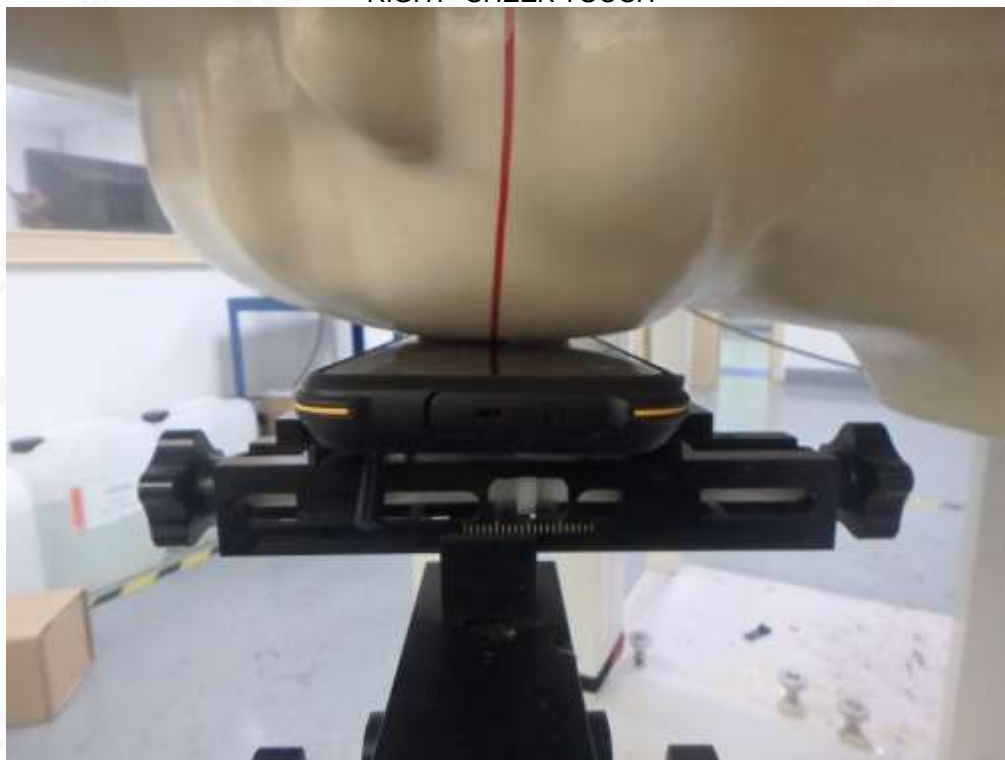
Attestation of Global Compliance(Shenzhen)Co., Ltd

Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd

Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>



RIGHT- CHEEK TOUCH



RIGHT-TILT 15°



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

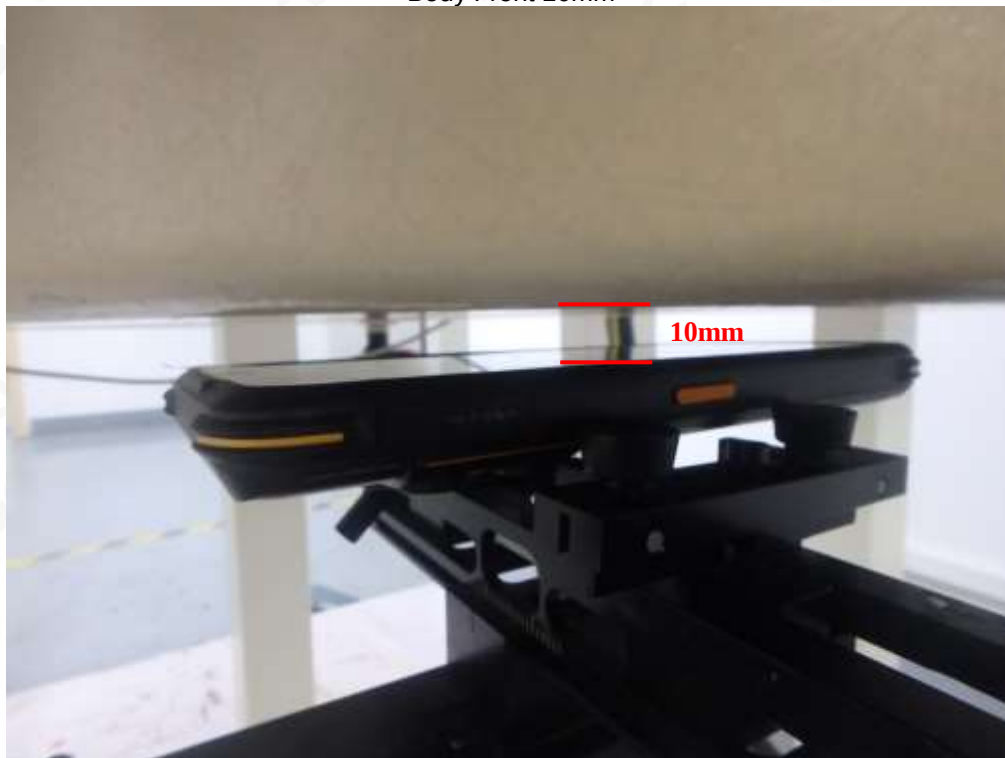
Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>



Body Back 10mm



Body Front 10mm



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>



Edge 1(Top) 10mm



Edge 2(Right) 10mm



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>



Edge 3(Bottom) 10mm



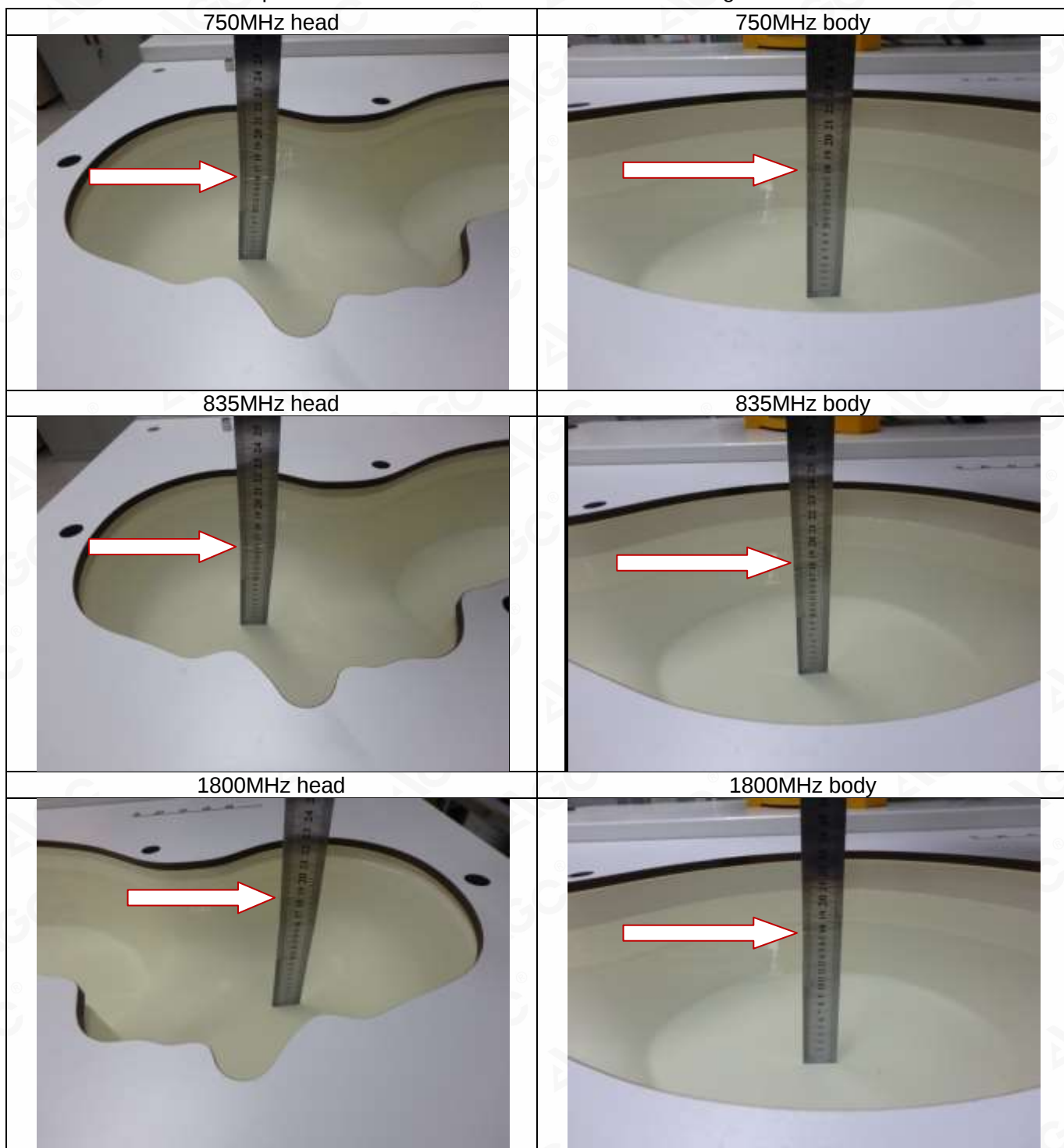
Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>



### DEPTH OF THE LIQUID IN THE PHANTOM—ZOOM IN

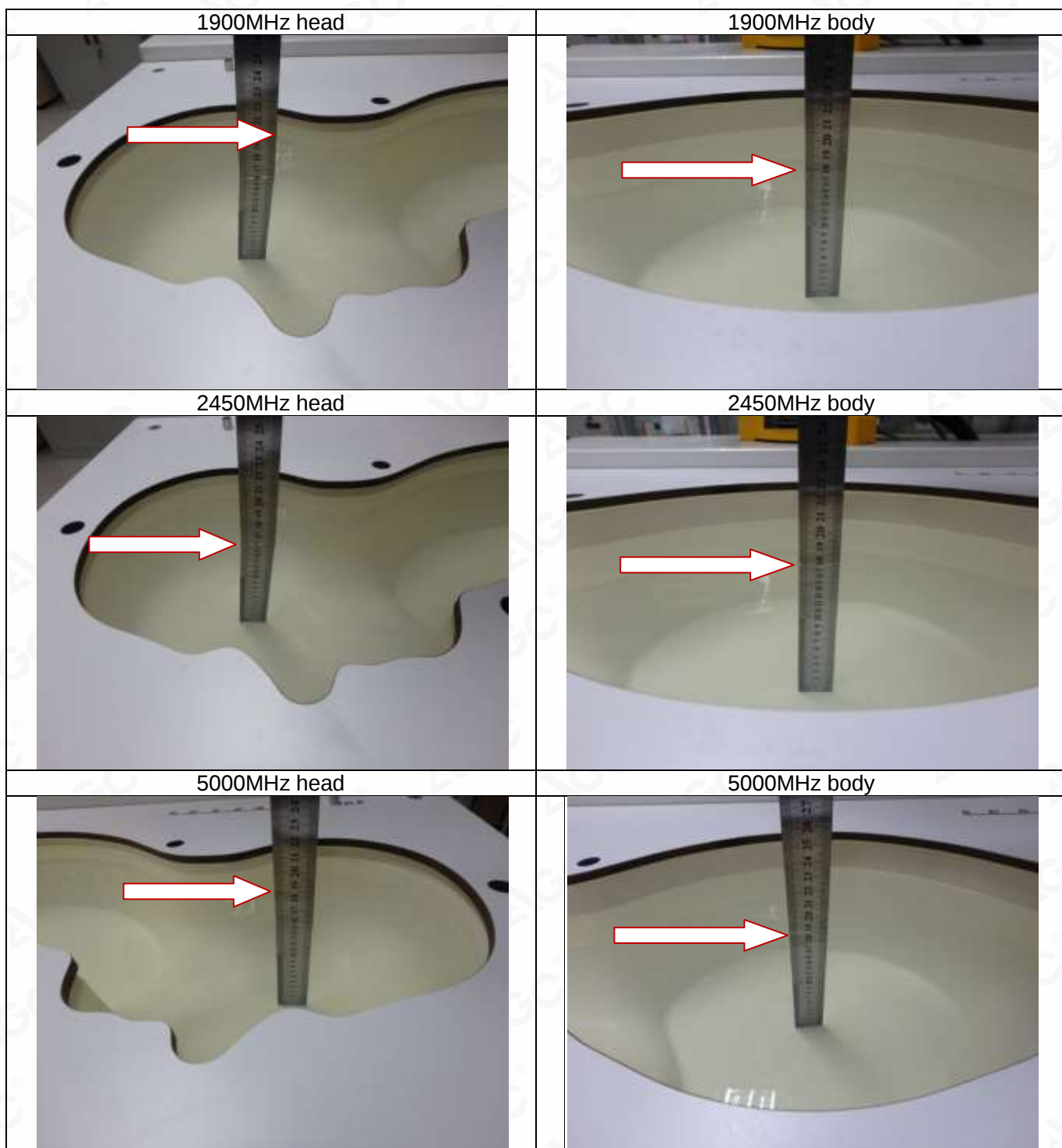
Note : The position used in the measurement were according to IEEE 1528-2013



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: <http://cn.agc-cert.com/>





Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



## APPENDIX D. CALIBRATION DATA

Refer to Attached files.

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the "Dedicated Testing/Inspection Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by [agc@agc-cert.com](mailto:agc@agc-cert.com).

Attestation of Global Compliance(Shenzhen)Co., Ltd  
Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd  
Tel: +86-755 2523 4088 E-mail: [agc@agc-cert.com](mailto:agc@agc-cert.com) Web: <http://cn.agc-cert.com/>





## Conditions of Issuance of Test Reports

1. All samples and goods are accepted by the Attestation of Global Compliance (Shenzhen) Co., Ltd (the “Company”) solely for testing and reporting in accordance with the following terms and conditions. The company provides its services on the basis that such terms and conditions constitute express agreement between the company and any person, firm or company requesting its services (the “Clients”).
2. Any report issued by Company as a result of this application for testing services (the “Report”) shall be issued in confidence to the Clients and the Report will be strictly treated as such by the Company. It may not be reproduced either in its entirety or in part and it may not be used for advertising or other unauthorized purposes without the written consent of the Company. The Clients to whom the Report is issued may, however, show or send it, or a certified copy thereof prepared by the Company to its customer, supplier or other persons directly concerned. The Company will not, without the consent of the Clients, enter into any discussion or correspondence with any third party concerning the contents of the Report, unless required by the relevant governmental authorities, laws or court orders.
3. The Company shall not be called or be liable to be called to give evidence or testimony on the Report in a court of law without its prior written consent, unless required by the relevant governmental authorities, laws or court orders.
4. In the event of the improper use of the report as determined by the Company, the Company reserves the right to withdraw it, and to adopt any other additional remedies which may be appropriate.
5. Samples submitted for testing are accepted on the understanding that the Report issued cannot form the basis of, or be the instrument for, any legal action against the Company.
6. The Company will not be liable for or accept responsibility for any loss or damage however arising from the use of information contained in any of its Reports or in any communication whatsoever about its said tests or investigations.
7. Clients wishing to use the Report in court proceedings or arbitration shall inform the Company to that effect prior to submitting the sample for testing.
8. The Company is not responsible for recalling the electronic version of the original report when any revision is made to them. The Client assumes the responsibility to providing the revised version to any interested party who uses them.
9. Subject to the variable length of retention time for test data and report stored hereinto as otherwise specifically required by individual accreditation authorities, the Company will only keep the supporting test data and information of the test report for a period of six years. The data and information will be disposed of after the aforementioned retention period has elapsed. Under no circumstances shall we provide any data and information which has been disposed of after retention period. Under no circumstances shall we be liable for damage of any kind, including (but not limited to) compensatory damages, lost profits, lost data, or any form of special, incidental, indirect, consequential or punitive damages of any kind, whether based on breach of contract of warranty, tort (including negligence), product liability or otherwise, even if we are informed in advance of the possibility of such damages.

Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the “Dedicated Testing/Inspection Stamp” is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written authorization of AGC. The test results presented in the report apply only to the tested sample. Any objections to report issued by AGC should be submitted to AGC within 15 days after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by [agc@agc-cert.com](mailto:agc@agc-cert.com).

