# FCC SAR Test Report

## FCC ID: QISM2-802L

| | | |
|---|---|---|
| **Project No.** | : | 1504C091 |
| **Equipment** | : | HUAWEI MediaPad M2 8.0 |
| **Model Name** | : | M2-802L |
| **Applicant** | : | Huawei Technologies Co., Ltd. |
| **Address** | : | Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District Shenzhen China |

| | | |
|---|---|---|
| **Date of Receipt** | : | Apr. 13, 2015 |
| **Date of Test** | : | Apr. 13, 2015~ May. 11, 2015 |
| **Issued Date** | : | May.17, 2015 |
| **Tested by** | : | BTL Inc. |

**Testing Engineer** : Super Jiang

( Super Jiang)

**Technical Manager** : Leo Hung

(Leo Hung)

**Authorized Signatory** : Steven Lu

(Steven Lu)


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## Declaration

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## Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.

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## REPORT ISSUED HISTORY

| Issued No. | Description | Issued Date |
|---|---|---|
| BTL-FCC-SAR-1504C091 | Original Issue. | May.17, 2015 |

## 1. GENERAL SUMMARY

| | |
|---|---|
| Equipment | HUAWEI MediaPad M2 8.0 |
| Model Name | M2-802L |
| Brand Name | HUAWEI |
| Manufacturer | Huawei Technologies Co., Ltd. |
| Address | Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District Shenzhen China |
| Factory | BYD Huizhou Electronics Co.,Ltd. |
| Address | Xiangshui River Daya Bay Economic Development Zone Huizhou Guangdong P.R China |
| Standard(s) | **FCC 47CFR §2.1093** Radio frequency Radiation Exposure Evaluation: Portable Devices<br><br>**ANSI Std C95.1-1992**Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz – 300 GHz.( IEEE Std C95.1-1991)<br><br>**IEEE Std 1528-2003** Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques<br><br>**IEEE Std 1528a-2005** IEEE Recommended Practice for Determining the Peak Spatial-AvSpecific Absorption Rate (SAR) in the Human Head from WirelessCommunications Devices: Measurement Techniques Amendment 1: CAD File for Human Head Model (SAM Phantom)<br><br>**KDB616217 D04** SAR for laptop and tablets v01r01<br>**KDB941225 D01** 3G SAR Procedures v03<br>**KDB941225 D06** Hotspot Mode V02<br>**KDB447498 D01** General RF Exposure Guidance v05r02<br>**KDB248227 D01** SAR meas for 802.11 a/b/g v01r02<br>**KDB865664 D01** SAR measurement 100 MHz to 6 GHz v01r03<br>**KDB865664 D02** SAR Reporting v01r01<br>**KDB690783 D01** SAR Listings on Grants v01r03 |

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.
The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCC-SAR-1504C091) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of TAF according to the ISO-17025 quality assessment standard and technical standard(s).

## 2. RF EMISSIONS MEASUREMENT

### 2.1 TEST FACILITY

The test facilities used to collect the test data in this report is **SAR room** at the location of No.3,Jinshagang 1st Road, ShiXia, Dalang Town,Dong Guan, China.523792

### 2.2 MEASUREMENT UNCERTAINTY

Note: Per KDB865664 D01 SAR Measurement 100 MHz to 6 GHz v01r03,when the highest measured 1-g SAR within a frequency band is < 1.5 W/kg, the extensive SAR measurement uncertainty analysis described in IEEE Std 1528-2003 is not required in SAR reports submitted for equipment approval. The equivalent ratio (1.5/1.6) is applied to extremity and occupational exposure conditions.

# 3. GENERAL INFORMATION

## 3.1 STATEMENT OF COMPLIANCE

The maximum results of Specific Absorption Rate (SAR) found during testing for HUAWEI MediaPad M2 8.0 are as below Table.

| Band | Max Reported SAR(W/kg) |
|---|---|
| | 1-g Body (0mm) * |
| GSM850 | 1.117 |
| GSM1900 | 1.391 |
| UMTS Band 2 | 1.266 |
| UMTS Band 4 | 1.223 |
| UMTS Band 5 | 1.080 |
| LTE Band 2 | 1.188 |
| LTE Band 4 | 0.644 |
| LTE Band 5 | 0.656 |
| LTE Band 7 | 0.767 |
| LTE Band 26 | 1.461 |
| WiFi 2.4G | 0.777 |
| WiFi 5G | 1.196 |
| **The highest simultaneous SAR value is 1.596 W/kg per KDB690783 D01** | |

Note:

The device is in compliance with Specific Absorption Rate（SAR）for general population/

uncontrolled exposure limits according to the FCC rule §2.1093, the ANSI/IEEE C95.1:1992, the NCRP Report Number 86 for uncontrolled environment, according to the Industry Canada Radio Standards Specification RSS-102 for General Population/Uncontrolled exposure, and had been tested in accordance with the measurement methods and procedures specified in IEEE Std 1528-2003 & IEEE Std 1528a-2005.

### 3.1.1 GENERAL DESCRIPTION OF EUT

| | | | |
|---|---|---|---|
| Tested Mode(s) | GSM850/1900, UMTS Band 2/4/5, LTE Band 2/4/5/7/26<br>2.4G/5GWiFi (tested),BT | | |
| Test Modulation | GSM(GMSK/8PSK),UMTS(QPSK),LTE(QPSK/16QAM),<br>WiFi(DSSS/OFDM) | | |
| Operation Frequency Range(s) | Band | TX (MHz) | RX (MHz) |
| | GSM850 | 824-849 | 869-894 |
| | GSM1900 | 1850-1910 | 1930-1990 |
| | UMTS Band 2 | 1850-1910 | 1930-1990 |
| | UMTS Band 4 | 1710-1755 | 2110-2155 |
| | UMTS Band 5 | 824-849 | 869-894 |
| | LTE Band 2 | 1850-1910 | 1930-1990 |
| | LTE Band 4 | 1710-1755 | 2110-2155 |
| | LTE Band 5 | 824-849 | 869-894 |
| | LTE Band 7 | 2500-2570 | 2620-2690 |
| | LTE Band 26 | 814-849 | 859-894 |
| | Bluetooth | 2400 ~2483.5 | |
| | WIFI | 2412 ~2462<br>5150 ~5250<br>5250 ~5350<br>5470 ~5725<br>5725 ~5850 | |
| GPRS/EDGE(Downlink only)<br>Multislot Class(12) | Max Number of Timeslots in Uplink: | | 4 |
| | Max Number of Timeslots in Downlink: | | 4 |
| | Max Total Timeslot: | | 5 |
| HSDPA UE Category | 14 | | |
| HSUPA UE Category | 6 | | |
| DC-HSDPA UE Category | 24 | | |
| Power Class: | 4,tested with power level 5(GSM850) | | |
| | 1,tested with power level 0(GSM1900) | | |
| | 3, tested with power control “all 1”(UMTS Band 2/4/5) | | |
| | 3, tested with power control “all Max”(LTE Band 2/4/5/7/26) | | |
| Test Channels (low-mid-high): | 128-190-251 (GSM850) | | |
| | 512-661-810 (GSM1900) | | |
| | 9262-9400-9538 (UMTS Band 2) | | |
| | 1312-1413-1513 (UMTS Band 4) | | |
| | 4132-4182-4233 (UMTS Band 5) | | |
| | 18607-18900-19193(LTE Band 2 BW=1.4MHz) | | |
| | 18615-18900-19185(LTE Band 2 BW=3MHz) | | |
| | 18625-18900-19175(LTE Band 2 BW=5MHz) | | |
| | 18650-18900-19150(LTE Band 2 BW=10MHz) | | |
| | 18675-18900-19125(LTE Band 2 BW=15MHz) | | |
| | 18700-18900-19100(LTE Band 2 BW=20MHz) | | |
| | 19957-20175-20393(LTE Band 4 BW=1.4MHz) | | |
| | 19965-20175-20385(LTE Band 4 BW=3MHz) | | |
| | 19975-20175-20375(LTE Band 4 BW=5MHz) | | |
| | 20000-20175-20350(LTE Band 4 BW=10MHz) | | |
| | 20025-20175-20325(LTE Band 4 BW=15MHz) | | |
| | 20050-20175-20300(LTE Band 4 BW=20MHz) | | |
| | 20407-20525-20643(LTE Band 5 BW=1.4MHz) | | |

<table>
<tr><td></td><td>20415-20525-20635(LTE Band 5 BW=3MHz)</td></tr>
<tr><td></td><td>20425-20525-20625(LTE Band 5 BW=5MHz)</td></tr>
<tr><td></td><td>20450-20525-20600(LTE Band 5 BW=10MHz)</td></tr>
<tr><td></td><td>20775-21100-21425(LTE Band 7 BW=5MHz)</td></tr>
<tr><td></td><td>20800-21100-21400(LTE Band 7 BW=10MHz)</td></tr>
<tr><td></td><td>20825-21100-21375(LTE Band 7 BW=15MHz)</td></tr>
<tr><td></td><td>20850-21100-21350(LTE Band 7 BW=20MHz)</td></tr>
<tr><td></td><td>26697-26865-27033 (LTE Band 26 BW=1.4MHz)</td></tr>
<tr><td></td><td>26705-26865-27025 (LTE Band 26 BW=3MHz)</td></tr>
<tr><td></td><td>26715-26865-27015 (LTE Band 26 BW=5MHz)</td></tr>
<tr><td></td><td>26740-26865-26990 (LTE Band 26 BW=10MHz)</td></tr>
<tr><td></td><td>26765-26865-26965 (LTE Band 26 BW=15MHz)</td></tr>
<tr><td></td><td>1-6 -11 (2.4G WIFI 802.11b/g/n HT20)</td></tr>
<tr><td></td><td>3-6 - 9 (2.4G WIFI 802.11n HT40)</td></tr>
<tr><td></td><td>
<table>
<tr><td>5G WIFI</td><td>Band 1</td><td>Band 2</td><td>Band 3</td><td>Band 4</td></tr>
<tr><td>a/n20/<br>ac20</td><td>36-40-44-48</td><td>52-56-60-64</td><td>100-104-108-112<br>-116-120-124-128<br>-132-136-140</td><td>149-153-157<br>-161-165</td></tr>
<tr><td>n40/<br>ac40</td><td>38-46</td><td>54-62</td><td>102-110-118-126<br>-134</td><td>151-159</td></tr>
<tr><td>ac80</td><td>42</td><td>58</td><td>106-122</td><td>155</td></tr>
</table>
</td></tr>
<tr><td rowspan="6">Antenna Gain</td><td>BT/2.4GWiFi: 0.02 dBi</td></tr>
<tr><td>5GWiFi: Band1: 0.03 dBi;<br>Band2:0.35 dBi;<br>Band3: 2.10 dBi;<br>Band4:0.90 dBi</td></tr>
<tr><td>GSM850/UMTS850: -5.27dBi</td></tr>
<tr><td>GSM1900/UMTS1900:1.30 dBi</td></tr>
<tr><td>UMTS1700:-0.55 dBi</td></tr>
<tr><td>LTE Band2:1.30dBi;<br>Band4:-0.55dBi;<br>Band5:-5.27dBi;<br>Band7:1.17dBi;<br>Band26:-5.27dBi;</td></tr>
<tr><td>Power Source</td><td>#1 DC voltage supplied from AC adapter.<br>Brand: HUAWEI Model: HW-050200U3W<br>S/N: HWHKA5E32707819<br>S/N: HWBYA32DC1600019<br>#2.Supplied from Li-ion Battery<br>Brand /Model: HUAWEI / HB3080G1EBW</td></tr>
<tr><td>Power Rating</td><td>#1 I/P: 100-240V~ 50/60Hz 0.5A O/P: DC 5.0V 2.0A<br>#2 I/P: DC 3.8V 4800mAh</td></tr>
<tr><td>Earphone</td><td>Brand/Model: HUAWEI/ EMC323-001-01<br>Manufacturer: MERRY ELECTRONICS(SHANG HAI) CO., LTD.</td></tr>
<tr><td>Hardware</td><td>SH1M2803LM</td></tr>
<tr><td>Software</td><td>M2-802LV100R001C001</td></tr>
</table>

## 3.2 LABORATORY ENVIRONMENT

| | |
|---|---|
| Temperature | Min. = 18ºC, Max. = 25ºC |
| Relative humidity | Min. = 30%, Max. = 70% |
| Ground system resistance | < 0.5Ω |
| Ambient noise is checked and found very low and in compliance with requirement of standards. Reflection of surrounding objects is minimized and in compliance with requirement of standards. | |

### 3.3 MAIN TEST INSTRUMENTS

| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated until |
|---|---|---|---|---|---|
| 1 | Data Acquisition Electronics | Speag | DAE4 | 1390 | Sep. 15, 2015 |
| 2 | E-field Probe | Speag | EX3DV4 | 3932 | Jan. 30, 2016 |
| 3 | Electro Optical Converter | Speag | ECO90 | 1151 | N/A |
| 4 | ELI4 Phantom | Speag | ELI4 Phantom V5.0 | 1222 | N/A |
| 5 | System Validation Dipole | Speag | D835V2 | 4d160 | Sep. 22, 2015 |
| 6 | System Validation Dipole | Speag | D1750V2 | 1101 | Sep. 19, 2015 |
| 7 | System Validation Dipole | Speag | D1900V2 | 5d179 | Sep. 18, 2015 |
| 8 | System Validation Dipole | Speag | D2450V2 | 919 | Sep. 17, 2015 |
| 9 | System Validation Dipole | Speag | D2600V2 | 1067 | Sep. 18, 2015 |
| 10 | Power Amplifier | Mini-Circuits | ZHL-42W | N/A | N/A |
| 11 | Power Amplifier | Mini-Circuits | ZVE-8G | N/A | N/A |
| 12 | ENA Network Analyzer | Agilent | E5071C | MY46102965 | Mar. 29, 2016 |
| 13 | Dielectric Probe Kit | Agilent | 85070E | 2593 | N/A |
| 14 | P-series power meter | Agilent | N1911A | MY45100473 | Mar. 29, 2016 |
| 15 | wideband power sensor | Agilent | N1921A | MY51100041 | Mar. 29, 2016 |
| 16 | Power Meter | Anritsu | ML2487A | 6K00004714 | Mar. 16, 2016 |
| 17 | Power Meter Sensor | Anritsu | MA2491A | 34138 | Mar. 16, 2016 |
| 18 | MXG Analog Signal Generator | Agilent | N5181A | MY49060710 | Nov. 02, 2015 |
| 19 | Low pass filter | Mini-Circuits | SLP-2950+ | M108294 | Mar. 29, 2016 |
| 20 | Attenuator | Mini-Circuits | VAT-10+ | 31317-1 | Mar. 29, 2016 |
| 21 | Attenuator | Mini-Circuits | VAT-10+ | 31317-2 | Mar. 29, 2016 |
| 22 | Attenuator | MEB | 300-affn-03 | 314 | Mar. 29, 2016 |
| 23 | Dual directional coupler | Agilent | 777D | 50208 | Mar. 29, 2016 |
| 24 | 8960 Series 10 Wireless Com Test set | Agilent | E5515E | MY53211053 | Jun. 13, 2015 |
| 25 | System Validation Dipole | Speag | D5GHzV2 | 1160 | Nov. 04, 2015 |

Remark: ” N/A” denotes no model name, serial No. or calibration specified.
All calibration period of equipment list is one year.

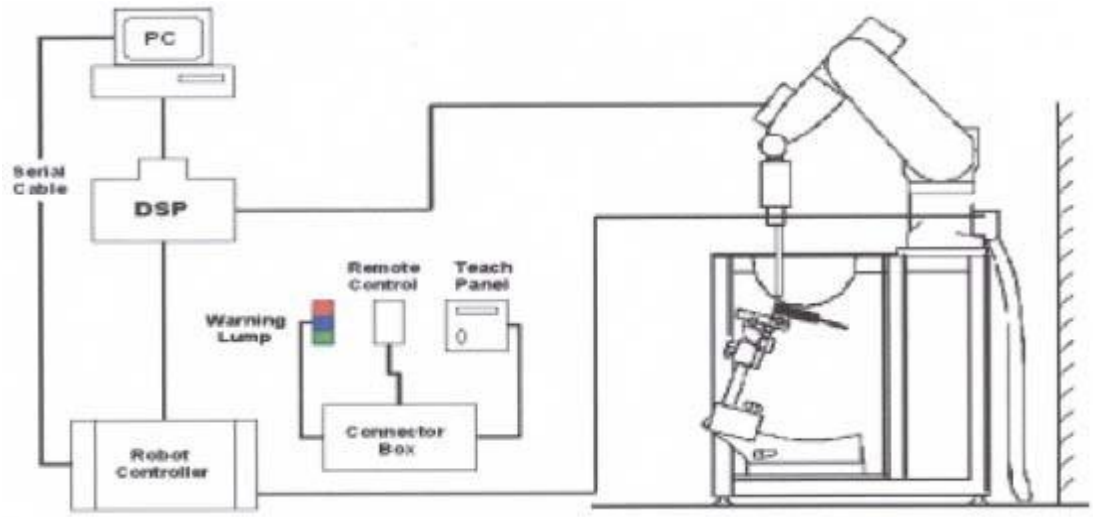
# 4.SAR MEASUREMENTS SYSTEM CONFIGURATION

## 4.1SAR MEASUREMENT SET-UP

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

1. A standard high precision 6-axis robot (Stäubli RX family) with controller and software. An arm extension for accommodating the data acquisition electronics (DAE).
2. A dosimetric probe, i.e. an isotropic E-field probe optimized and calibrated for usage in tissue simulating liquid. The probe is equipped with an optical surface detector system.
3. A data acquisition electronic (DAE) which performs the signal amplification, signal multiplexing, AD-conversion, offset measurements, mechanical surface detection, collision detection, etc. The unit is battery powered with standard or rechargeable batteries. The signal is optically transmitted to the EOC.
4. A unit to operate the optical surface detector which is connected to the EOC.
5. The Electro-Optical Coupler (EOC) performs the conversion from the optical into a digital electric signal of the DAE. The EOC is connected to the DASY5 measurement server.
6. TheDASY5 measurement server, which performs all real-time data evaluation for field measurements and surface detection, controls robot movements and handles safety operation. A computer operating Windows 7
7. DASY5 software and SEMCAD data evaluation software.
8. Remote control with teach panel and additional circuitry for robot safety such as warning lamps, etc.
9. The generic twin phantom enabling the testing of left-hand and right-hand usage.
10. The device holder for handheld mobile phones.
11. Tissue simulating liquid mixed according to the given recipes.
12. System validation dipoles allowing to validate the proper functioning of the system.

### 4.1.1Test Setup Layout



## 4.2DASY5E-FIELDPROBESYSTEM

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

### 4.2.1EX3DV4 PROBE SPECIFICATION

| | |
|---|---|
| Construction | Symmetrical design with triangular core Interleaved sensors Built-in shielding against static charges PEEK enclosure material (resistant to organic solvents, e.g., DGBE) |
| Calibration | ISO/IEC 17025 calibration service available |
| Frequency | 10 MHz to 6 GHz<br>Linearity: ± 0.2 dB (30 MHz to 6 GHz) |
| Directivity | ± 0.3 dB in HSL (rotation around probe axis)<br>± 0.5 dB in tissue material (rotation normal to probe axis) |
| Dynamic Range | 10 µW/g to > 100 mW/g<br>Linearity:± 0.2dB |
| Dimensions | Overall length: 330 mm (Tip: 20 mm)<br>Tip diameter: 2.5 mm (Body: 12 mm) Distance from probe tip to dipole centers: 1.0 mm |

**EX3DV4 E-field Probe**

### 4.2.2E-FIELD PROBE CALIBRATION

Each probe is calibrated according to a dosimetric assessment procedure with accuracy better than ±10%. The spherical isotropy was evaluated and found to be better than ± 0.25dB. The sensitivity parameters (NormX, NormY, NormZ), the diode compression parameter (DCP) and the conversion factor (ConvF) of the probe are tested.

The free space E-field from amplified probe outputs is determined in a test chamber. This is performed in a TEM cell for frequencies bellow 1 GHz, and in a wave guide above 1 GHz for free space. For the free space calibration, the probe is placed in the volumetric center of the cavity and at the proper orientation with the field. The probe is then rotated 360 degrees.

E-field temperature correlation calibration is performed in a flat phantom filled with the appropriate simulated brain tissue. The measured free space E-field in the medium correlates to temperature rise in a dielectric medium. For temperature correlation calibration a RF transparent thermistor-based temperature probe is used in conjunction with the E-field probe.

$$SAR = C\frac{\Delta T}{\Delta t}$$

Where: $\Delta t$ = Exposure time (30 seconds),

C = Heat capacity of tissue (brain or muscle),

$\Delta T$ = Temperature increase due to RF exposure.

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

Where: σ = Simulated tissue conductivity,

ρ = Tissue density (kg/m3).

### 4.2.3OTHER TEST EQUIPMENT

#### 4.2.3.1. Device Holder for Transmitters

**Construction:** Simple but effective and easy-to-use extension for Mounting Device that facilitates the testing of larger devices (e.g., laptops, cameras, etc.) It is light weight and fits easily on the upper part of the Mounting Device in place of the phone positioner. The extension is fully compatible with the Twin SAM, ELI4and SAM v6.0Phantoms.
**Material:** POM, Acrylic glass, Foam

#### 4.2.3.2 Phantom

Phantom for compliance testing of handheld and body-mounted wireless devices in the frequency range of 30 MHz to 6 GHz. ELI is fully compatible all known tissuesimulating liquids. ELI has been optimized regarding its performance and can be integrated into our standard phantom tables. A cover prevents evaporation of the liquid. Reference markings on the phantom allow installation of the complete setup, including all predefined phantom positions and measurement grids, by teaching three points. The phantom is compatible with all SPEAG dosimetric probes and dipoles.

| | |
|---|---|
| Shell Thickness | 2±0.1 mm |
| Filling Volume | Approx. 30 liters |
| Dimensions | 190 X 600 X 0 mm (H x L x W) |
| Aailable | Special |

**ELI4 Phantom**

### 4.2.4SCANNING PROCEDURE

The DASY5 installation includes predefined files with recommended procedures for measurements and validation. They are read-only document files and destined as fully defined but unmeasured masks. All test positions (head or Body) are tested with the same configuration of test steps differing only in the grid definition for the different test positions.

The “reference” and “drift” measurements are located at the beginning and end of the batch process. They measure the field drift at one single point in the liquid over the complete procedure. The indicated drift is mainly the variation of the DUT’s output power and should vary max. ± 5 %.

The “surface check” measurement tests the optical surface detection system of the DASY5 system by repeatedly detecting the surface with the optical and mechanical surface detector and comparing the results. The output gives the detecting heights of both systems, the difference between the two systems and the standard deviation of the detection repeatability. Air bubbles or refraction in the liquid due to separation of the sugar-water mixture gives poor repeatability (above ± 0.1mm). To prevent wrong results tests are only executed when the liquid is free of air bubbles. The difference between the optical surface detection and the actual surface depends on the probe and is specified with each probe. (It does not depend on the surface reflectivity or the probe angle to the surface within ± 30°.)

- Area Scan

The “area scan” measures the SAR above the DUT or verification dipole on a parallel plane to the surface. It is used to locate the approximate location of the peak SAR with 2D spline interpolation. The robot performs a stepped movement along one grid axis while the local electrical field strength is measured by the probe. The probe is touching the surface of the SAM during acquisition of measurement values. The standard scan uses large grid spacing for faster measurement.

Standard grid spacing for head measurements is 15 mm in x- and y- dimension(≤2GHz) , 12 mm in x- and y- dimension(2-4 GHz) and 10mm in x- and y- dimension(4-6GHz). If a finer resolution is needed, the grid spacing can be reduced. Grid spacing and orientation have no influence on the SAR result. For special applications where the standard scan method does not find the peak SAR within the grid, e.g. mobile phones with flip cover, the grid can be adapted in orientation.

- Zoom Scan

A “zoom scan” measures the field in a volume around the 2D peak SAR value acquired in the previous “coarse” scan. This is a fine grid with maximum scan spatial resolution: $\Delta x_{zoom}$, $\Delta y_{zoom}$≤ 2GHz -≤8mm, 2-4GHz -≤5 mm and 4-6 GHz-≤4mm; $\Delta z_{zoom}$≤3GHz -≤5 mm, 3-4 GHz-≤4mm and 4-6GHz-≤2mm where the robot additionally moves the probe along the z-axis away from the bottom of the Phantom. DASY is also able to perform repeated zoom scans if more than 1 peak is found during area scan. In this document, the evaluated peak 1g and 10g averaged SAR values are shown in the 2D-graphics in Appendix B. Test results relevant for the specified standard (see chapter 1.4.)are shown in table form form in chapter 7.2.

A Z-axis scan measures the total SAR value at the x-and y-position of the maximum SAR value found during the cube scan. The probe is moved away in z-direction from the bottom of the SAM phantom in 2 mm steps. This measurement shows the continuity of the liquid and can - depending in the field strength – also show the liquid depth.

The following table summarizes the area scan and zoom scan resolutions per FCC KDB 865664D01:

| Frequency | Maximun Area Scan resolution ($\Delta x_{area}$, $\Delta y_{area}$) | Maximun Zoom Scan spatial resolution ($\Delta x_{Zoom}$, $\Delta y_{Zoom}$) | Maximun Zoom Scan spatial resolution | | | Minimum zoom scan volume (x,y,z) |
|---|---|---|---|---|---|---|
| | | | Uniform Grid | Graded Grad | | |
| | | | $\Delta z_{Zoom}(n)$ | $\Delta z_{Zoom}(1)$* | $\Delta z_{Zoom}(n>1)$* | |
| ≤2GHz | ≤15mm | ≤8mm | ≤5mm | ≤4mm | ≤1.5*$\Delta z_{Zoom}$(n-1) | ≥30mm |
| 2-3GHz | ≤12mm | ≤5mm | ≤5mm | ≤4mm | ≤1.5*$\Delta z_{Zoom}$(n-1) | ≥30mm |
| 3-4GHz | ≤12mm | ≤5mm | ≤4mm | ≤3mm | ≤1.5*$\Delta z_{Zoom}$(n-1) | ≥28mm |
| 4-5GHz | ≤10mm | ≤4mm | ≤3mm | ≤2.5mm | ≤1.5*$\Delta z_{Zoom}$(n-1) | ≥25mm |
| 5-6GHz | ≤10mm | ≤4mm | ≤2mm | ≤2mm | ≤1.5*$\Delta z_{Zoom}$(n-1) | ≥22mm |

### 4.2.5SPATIAL PEAK SAR EVALUATION

The spatial peak SAR - value for 1 and 10 g is evaluated after the Cube measurements have been done. The basis of the evaluation are the SAR values measured at the points of the fine cube grid consisting of 5 x 5 x 7 points( with 8mm horizontal resolution) or 7 x 7 x 7 points( with 5mm horizontal resolution) or 8 x 8 x 7 points( with 4mm horizontal resolution). The algorithm that finds the maximal averaged volume is separated into three different stages.

- The data between the dipole center of the probe and the surface of the phantom are extrapolated. This data cannot be measured since the center of the dipole is 2.7 mm away from the tip of the probe and the distance between the surface and the lowest measuring point is about 1 mm (see probe calibration sheet). The extrapolated data from a cube measurement can be visualized by selecting “Graph Evaluated”.
- The maximum interpolated value is searched with a straight-forward algorithm. Around this maximum the SAR - values averaged over the spatial volumes (1g or 10 g) are computed using the 3d-spline interpolation algorithm. If the volume cannot be evaluated (i.e., if a part of the grid was cut off by the boundary of the measurement area) the evaluation will be started on the corners of the bottom plane of the cube.
- All neighboring volumes are evaluated until no neighboring volume with a higher average value is found.

**Extrapolation**

The extrapolation is based on a least square algorithm [W. Gander, Computermathematik, p.168-180]. Through the points in the first 3 cm along the z-axis, polynomials of order four are calculated. These polynomials are then used to evaluate the points between the surface and the probe tip. The points, calculated from the surface, have a distance of 1 mm from each other.

**Interpolation**

The interpolation of the points is done with a 3d-Spline. The 3d-Spline is composed of three one-dimensional splines with the "Not a knot"-condition [W. Gander, Computermathematik, p.141-150] (x, y and z -direction) [Numerical Recipes in C, Second Edition, p.123ff ].

**Volume Averaging**

At First the size of the cube is calculated. Then the volume is integrated with the trapezoidal algorithm. 8000 points (20x20x20) are interpolated to calculate the average.

**Advanced Extrapolation**

DASY5 uses the advanced extrapolation option which is able to compansate boundary effects on E-field probes.

### 4.2.6DATA STORAGE AND EVALUATION

#### 4.2.5.1Data Storage

The DASY5 software stores the acquired data from the data acquisition electronics as raw data (in microvolt readings from the probe sensors), together with all necessary software parameters for the data evaluation (probe calibration data, liquid parameters and device frequency and modulation data) in measurement files with the extension ".DAE4". The software evaluates the desired unit and format for output each time the data is visualized or exported. This allows verification of the complete software setup even after the measurement and allows correction of incorrect parameter settings. For example, if a measurement has been performed with a wrong crest factor parameter in the device setup, the parameter can be corrected afterwards and the data can be re-evaluated.

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

### 4.4.2 Data Evaluation by SEMCAD

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

| | | |
|---|---|---|
| Probe parameters: | Sensitivity | Normi, $a_{i0}$, $a_{i1}$, $a_{i2}$ |
| | Conversion factor | $ConvF_i$ |
| | Diode compression point | $Dcp_i$ |
| Device parameters: | Frequency | f |
| | Crest factor | cf |
| Media parameters: | Conductivity | |
| | Density | |

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

The first step of the evaluation is a linearization of the filtered input signal to account for the compression characteristics of the detector diode. The compensation depends on the input signal, the diode type and the DC-transmission factor from the diode to the evaluation electronics.

If the exciting field is pulsed, the crest factor of the signal must be known to correctly compensate for peak power. The formula for each channel can be given as:

$$V_i = U_i + U_i^2 \cdot cf / dcp_i$$

With $V_i$ = compensated signal of channel i ( i = x, y, z )

$U_i$ = input signal of channel i ( i = x, y, z )

cf = crest factor of exciting field (DASY parameter)

$dcp_i$ = diode compression point (DASY parameter)

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

E-field probes: $E_i = ( V_i / Norm_i \cdot ConvF )^{1/2}$

H-field probes: $H_i = ( V_i )^{1/2} \cdot ( a_{i0} + a_{i1} f + a_{i2} f^2 ) / f$

With $V_i$ = compensated signal of channel i ( i = x, y, z )

$Norm_i$ = sensor sensitivity of channel i ( i = x, y, z )
[mV/(V/m)$^2$] for E-field Probes

ConvF = sensitivity enhancement in solution

aij = sensor sensitivity factors for H-field probes

f = carrier frequency [GHz]

$E_i$ = electric field strength of channel i in V/m

$H_i$ = magnetic field strength of channel i in A/m

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

$$E_{tot} = (E_X^2 + E_Y^2 + E_Z^2)^{1/2}$$

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

$$SAR = (E_{tot})^2 \cdot \sigma / (\rho \cdot 1000)$$

With SAR = local specific absorption rate in mW/g

$E_{tot}$ = total field strength in V/m
= conductivity in [mho/m] or [Siemens/m]
= equivalent tissue density in g/cm$^3$

Note that the density is normally set to 1 (or 1.06), to account for actual brain density rather than the density of the simulation liquid. The power flow density is calculated assuming the excitation field to be a free space field.

$$P_{pwe} = E_{tot}^2 / 3770 \text{ or } P_{pwe} = H_{tot}^2 \cdot 37.7$$

With $P_{pwe}$ = equivalent power density of a plane wave in mW/cm$^2$

$E_{tot}$ = total field strength in V/m

$H_{tot}$ = total magnetic field strength in A/m

# 5. SYSTEM VERIFICATION PROCEDURE

## 5.1 TISSUE VERIFICATION

The simulating liquids should be checked at the beginning of a series of SAR measurements to determine of the dielectic parameter are within the tolerances of the specified target values. The measured conductivity and relative permittivity should be within ± 5% of the target values.

The following materials are used for producing the tissue-equivalent materials.

| Ingredients (% of weight) | Body Tissue | | | | | |
|---|---|---|---|---|---|---|
| Frequency Band | 835 MHz | 1750 MHz | 1900 MHz | 2450 MHz | 2600 MHz | 5GHz |
| Water | 52.4 | 69.91 | 69.91 | 73.2 | 64.493 | 60-80 |
| Salt(NaCl) | 1.40 | 0.13 | 0.13 | 0.04 | 0.024 | 0-1.5 |
| Sugar | 45.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| HEC | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Bactericide | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| TritonX-100 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| DGBE | 0.0 | 29.96 | 29.96 | 26.7 | 32.252 | 0.0 |
| Esters, Emulsifiers, Inhibitors | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20-40 |

Salt: 99+% Pure Sodium Chloride; Sugar: 98+% Pure Sucrose; Water: De-ionized, 16M + resistivity
HEC: Hydroxyethyl Cellulose; DGBE: 99+% Di(ethylene glycol) butyl ether,[2-(2-butoxyethoxy)ethanol]
Triton X-100(ultra pure): Polyethylene glycol mono [4-(1,1,3,3-tetramethylbutyl)phenyl]ether

| Tissue Type | Measured Frequency (MHz) | Target Tissue | | Measured Tissue | | Liquid Temp. (℃) | Test Date |
|---|---|---|---|---|---|---|---|
| | | εr (+/-5%) | σ (S/m) (+/-5%) | εr | σ (S/m) | | |
| Body | 835 | 55.2 (52.44~57.96) | 0.97 (0.92~1.02) | 55.192 | 0.94 | 20.7 | 2015/4/24 |
| | 1750 | 53.44 (50.64~56.11) | 1.49 (1.42~1.56) | 53.423 | 1.45 | 20.8 | 2015/4/27 |
| | 1900 | 53.3 (50.64~55.97) | 1.52 (1.44~1.60) | 53.287 | 1.49 | 20.8 | 2015/4/22 |
| | 2450 | 52.7 (50.07~55.35) | 1.95 (1.85~2.05) | 52.672 | 1.92 | 20.8 | 2015/4/28 |
| | 2600 | 52.51 (49.88~55.14) | 2.16 (2.05~2.27) | 52.506 | 2.13 | 20.8 | 2015/4/26 |
| | 5200 | 49.02 (46.57~51.47) | 5.29 (5.03~5.55) | 49.018 | 5.25 | 20.7 | 2015/5/7 |
| | 5300 | 48.9 (46.46~51.35) | 5.42 (5.15~5.69) | 48.867 | 5.38 | 20.7 | 2015/5/7 |
| | 5500 | 48.6 (46.17~51.03) | 5.65 (5.37~5.93) | 48.565 | 5.62 | 20.7 | 2015/5/8 |
| | 5600 | 48.5 (46.08~50.93) | 5.77 (5.48~6.06) | 48.458 | 5.72 | 20.7 | 2015/5/8 |
| | 5800 | 48.2 (45.79~50.61) | 6.00 (5.70~6.30) | 48.168 | 5.95 | 20.7 | 2015/5/9 |

Note:
1)The dielectric parameters of the tissue-equivalent liquid should be measured under similar ambient conditions and within 2 °C of the conditions expected during the SAR evaluation to satisfy protocol requirements.
2)KDB 865664 was ensured to be applied for probe calibration frequencies greater than or equal to 50MHz of the EUT frequencies.
3)The above measured tissue parameters were used in the DASY software to perform interpolation via the DASY software to determine actual dielectric parameters at the test frequencies. The SAR test plots may slightly differ from the table above since the DASY rounds to three significant digits.

## 5.2 SYSTEM CHECK

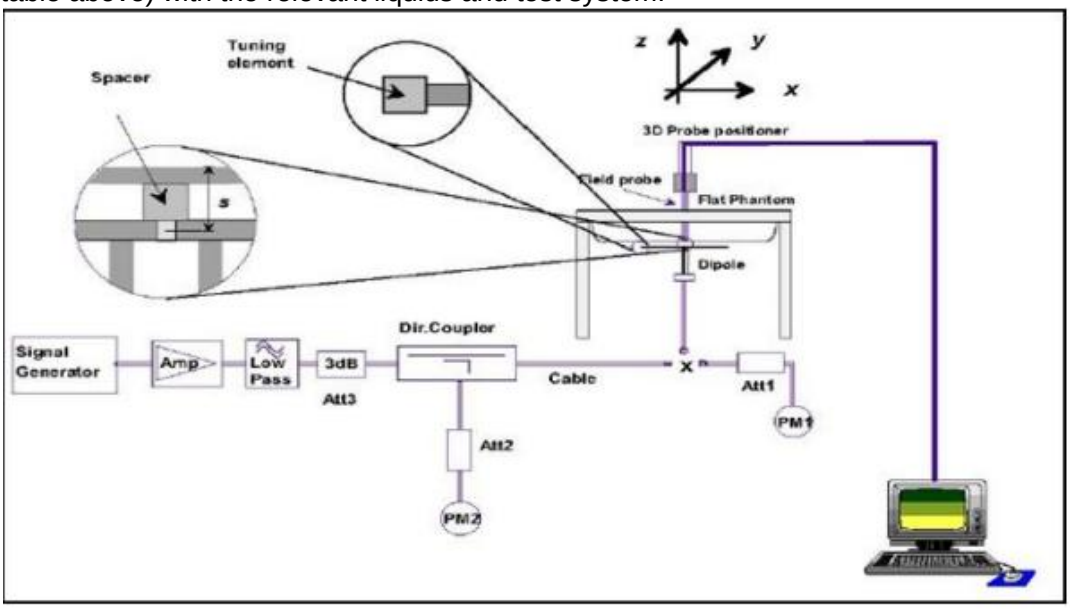
The system check is performed for verifying the accuracy of the complete measurement system and performance of the software. The system check is performed with tissue equivalent material according to IEEE P1528 (described above). The following table shows system check results for all frequency bands and tissue liquids used during the tests.

| Frequency (MHz) | Test Date | Dielectric Parameters | | Temp | 250mW Measured $SAR_{1g}$ | 1W Normalized $SAR_{1g}$ | 1W Target $SAR_{10g}$ (±10% deviation) |
|---|---|---|---|---|---|---|---|
| | | εr | σ(s/m) | (℃) | (W/kg) | | |
| 835B | 2015/4/24 | 55.19 | 0.94 | 20.7 | 2.32 | 9.28 | 9.56 (8.604~10.516) |
| 1750B | 2015/4/27 | 53.42 | 1.45 | 20.8 | 8.97 | 35.88 | 37.90 (34.11~41.69) |
| 1900B | 2015/4/22 | 53.29 | 1.49 | 20.8 | 9.87 | 39.48 | 39.5 (35.55~43.45) |
| 2450B | 2015/4/28 | 52.67 | 1.92 | 20.8 | 12.67 | 50.68 | 50.7 (45.63~55.77) |
| 2600B | 2015/4/26 | 52.51 | 2.13 | 20.8 | 14.32 | 57.28 | 57.40 (51.66~63.14) |
| **Frequency (MHz)** | **Test Date** | **Dielectric Parameters** | | **Temp** | **100mW Measured $SAR_{1g}$** | **1W Normalized $SAR_{1g}$** | **1W Target $SAR_{10g}$ (±10% deviation)** |
| | | **εr** | **σ(s/m)** | **(℃)** | **(W/kg)** | | |
| 5200B | 2015/5/7 | 49.02 | 5.25 | 20.7 | 7.54 | 75.40 | 74.70 (67.23~82.17) |
| 5300B | 2015/5/7 | 48.87 | 5.38 | 20.7 | 7.59 | 75.90 | 76.30 (68.67~83.93) |
| 5500B | 2015/5/8 | 48.57 | 5.62 | 20.7 | 8.07 | 80.70 | 80.60 (72.54~88.66) |
| 5600B | 2015/5/8 | 48.46 | 5.72 | 20.7 | 8.45 | 84.50 | 83.00 (74.7~91.3) |
| 5800B | 2015/5/9 | 48.17 | 5.95 | 20.7 | 7.37 | 73.70 | 75.10 (67.59~82.61) |

## 5.3 SYSTEM CHECK PROCEDURE

The system check is performed by using a system check dipole which is positioned parallel to the planar part of the SAM phantom at the reference point. The distance of the dipole to the SAM phantom is determined by a plexiglass spacer. The dipole is connected to the signal source consisting of signal generator and amplifier via a directional coupler, N-connector cable and adaption to SMA. It is fed with a power of 250 mW(below 5GHz) or 100mW(above 5GHz). To adjust this power a power meter is used. The power sensor is connected to the cable before the system check to measure the power at this point and do adjustments at the signal generator. At the outputs of the directional coupler both return loss as well as forward power are controlled during the system check to make sure that emitted power at the dipole is kept constant. This can also be checked by the power drift measurement after the test.

System check results have to be equal or near the values determined during dipole calibration (target SAR in table above) with the relevant liquids and test system.



# 6.SAR MEASUREMENT VARIABILITY AND UNCERTAINTY

## 6.1SAR MEASUREMENT VARIABILITY

Per KDB865664 D01 SAR measurement 100 MHz to 6 GHz v01r03, SAR measurement variability must be assessed for each frequency band, which is determined by the SAR probe calibration point and tissue-equivalent medium used for the device measurements. The additional measurements are repeated after the completion of all measurements requiring the same head or body tissue-equivalent medium in a frequency band. The test device should be returned to ambient conditions (normal room temperature) with the battery fully charged before it is re-mounted on the device holder for the repeated measurement(s) to minimize any unexpected variations in the repeated results.

1) Repeated measurement is not required when the original highest measured SAR is < 0.80 W/kg; steps 2) through 4) do not apply.
2) When the original highest measured SAR is ≥ 0.80 W/kg, repeat that measurement once.
3) Perform a second repeated measurement only if the ratio of largest to smallest SAR for the original and first repeated measurements is > 1.20 or when the original or repeated measurement is≥ 1.45 W/kg (~ 10% from the 1-g SAR limit).
4) Perform a third repeated measurement only if the original, first or second repeated measurement is ≥1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20.

The same procedures should be adapted for measurements according to extremity and occupational exposure limits by applying a factor of 2.5 for extremity exposure and a factor of 5 for occupational exposure to the corresponding SAR thresholds.

The detailed repeated measurement results are shown in Section 8.2.

## 6.2SAR MEASUREMENT UNCERTAINTY

Per KDB865664 D01 SAR Measurement 100 MHz to 6 GHz v01r03,when the highest measured 1-g SAR within a frequency band is < 1.5 W/kg, the extensive SAR measurement uncertainty analysis.

# 7. OPERATIONAL CONDITIONS DURING TEST

## 7.1 SAR TEST CONFIGURATION

### 7.1.1 GSM TEST CONFIGURATION

SAR tests for GSM850 and GSM1900, a communication link is set up with a base station by air link. Using CMU200 the power lever is set to “5”and “0” in SAR of GSM850 and GSM1900. The tests in the band of GSM850 and GSM1900 are performed in the mode of GPRS/EGPRS function. Since the GPRS class is 12 for this EUT, it has at most 4 timeslots in uplink and at most 4 timeslots in downlink, the maximum total timeslot is 5. The EGPRS class is 12 for this EUT, it has at most 4 timeslots in uplink, and at most 4 timeslots in downlink, the maximum total timeslot is 5.

When SAR tests for EGPRS mode is necessary, GMSK modulation should be used to minimize SAR measurement error due to higher peak-to-average power (PAR) ratios inherent in 8-PSK.

According to specification 3GPP TS 51.010, the maximum power of the GSM can do the power reduction for the multi-slot.

The allowed power reduction in the multi-slot configuration is as following:

| Number of timeslots in uplink assignment | | Reduction of maximum output power (dB) |
|---|---|---|
| Band | Time Slots | GPRS (GMSK) |
| GSM850 | 1 TX slot | 0 |
| | 2 TX slots | 2 |
| | 3 TX slots | 4 |
| | 4 TX slots | 6 |
| GSM1900 | 1 TX slot | 0 |
| | 2 TX slots | 2 |
| | 3 TX slots | 3 |
| | 4 TX slots | 6 |

### 7.1.2 UMTS TEST CONFIGURATION

1. Output Power Verification

Maximum output power is verified on the High, Middle and Low channels according to the procedures description in section 5.2 of 3GPP TS 34.121,using the appropriate RMC or AMR with TPC(transmit power control) set to all “1s” for WCDMA/HSDPA or applying the required inner loop power control procedure to maintain maximum output power while HSUPA is active. Result for all applicable physical channel configurations(DPCCH,DPDCHn and spreading codes, HSDPA, HSPA)
Should be tabulated in the SAR report .All configuration that are not supported by the DUT or cannot be measured due to technical or equipment limitation should be clearly identified.

2. WCDMA

(1).Head SAR Measurements
SAR for Head exposure configurations in voice mode is measured using a 12.2 kbps RMC with TPC bits configured to all “1s”. SAR in AMR configurations is not required when the maximum average output of each RF channel for 12.2 kbps AMR is less than ¼ dB higher than that measured in 12.2 kbps RMC. Otherwise SAR is measured on the maximum output channel in 12.2 kbps AMR with 3.4kbps SRB(signalling radio bearer) using the exposure configuration that results in the highest SAR in12.2kbps RMC for that RF channel.

(2).Body SAR Measurements
SAR for body exposure configurations is measured using the 12.2 kbps RMC with the TPC bits configured to all “1s”. SAR for other spreading codes and multiple DPDCHn, when supported by the EUT, are not required when the maximum average outputs of each RF channel, for each spreading code and DPDCHn configuration, are less than ¼ dB higher than those measured in 12.2 kbps RMC.

3. HSDPA

SAR for body exposure configurations is measured according to the “Body SAR Measurements”” procedures of 3G device. In addition, body SAR is also measured for HSDPA when the maximum average outputs of each RF channel with HSDPA active is at ¼ dB higher than that measured without HSDPA using 12.2kbps RMC or the maximum SAR 12.2kbps RMC is above 75% of the SAR limit. Body SAR for HSDPA is measured using an FRC with H-Set 1 in Sub-test 1 and a 12.2kbps RMC configured in Test Loop Mode 1, using the highest body SAR configuration in 12.2 kbps RMC without HSDPA.
HSDPA should be configured according to UE category of a test device. The number of HS-DSCH/HS-PDSCHs, HAPRQ processes, minimum inter-TTI interval, transport block sizes and RV coding sequence are defined by the H-set. To maintain a consistent test configuration and stable transmission condition, QPSK is used in the H-set for SAR testing. HS-DPCCH should be configured with a CQI feedback cycle of 4ms with a CQI repetition factor of 2 to maintain a constant rate of active CQI slots. The $\beta_c$ and $\beta_d$ gain factors for DPCCH and DPDCH were set according to the values in the below table, $\beta_{hs}$ for HS-DPCCH is set automatically to the correct value when Δ ACK, Δ NACK, Δ CQI = 8. The variation of the $\beta_c$ /$\beta_d$ ratio causes a power reduction at sub-tests 2 - 4.

| Sub-test | $\beta_c$ | $\beta_d$ | $\beta_d$ (SF) | $\beta_c$ /$\beta_d$ | $\beta_{hs}$ (1) | CM(dB)(2) | MPR (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 2/15 | 15/15 | 64 | 2/15 | 4/15 | 0.0 | 0 |
| 2 | 12/15(3) | 15/15(3) | 64 | 12/15(3) | 24/15 | 1.0 | 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: ΔACK, ΔNACK and ΔCQI = 8 $A_{hs} = \beta_{hs}/\beta_c = 30/15$ $\beta_{hs} = 30/15 * \beta_c$
Note 2 : CM=1 for $\beta_c/\beta_d$= 12/15, $\beta_{hs}/\beta_c$ = 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 3 : For subtest 2 the $\beta_c/\beta_d$ 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 $\beta_c$ = 11/15 and $\beta_d$ = 15/15

The measurements were performed with a Fixed Reference Channel (FRC) and H-Set 1 QPSK.

Settings of required H-Set 1 QPSK acc. to 3GPP 34.121

| Parameter | Value |
|---|---|
| Nominal average inf. bit rate | 534 kbit/s |
| Inter-TTI Distance | 3 TTI"s |
| Number of HARQ Processes | 2 Processes |
| Information Bit Payload | 3202 Bits |
| MAC-d PDU size | 336 Bits |
| Number Code Blocks | 1 Block |
| Binary Channel Bits Per TTI | 4800 Bits |
| Total Available SMLs in UE | 19200 SMLs |
| Number of SMLs per HARQ Process | 9600 SMLs |
| Coding Rate | 0.67 |
| Number of Physical Channel Codes | 5 |

HSDPA UE category

| HS-DSCH Category | Maximum HS-DSCH Codes Received | Minimum Inter-TTI Interval | Maximum HS-DSCH Transport Block Bits/HS-DSCH TTI | Total Soft Channel Bits |
|---|---|---|---|---|
| 1 | 5 | 3 | 7298 | 19200 |
| 2 | 5 | 3 | 7298 | 28800 |
| 3 | 5 | 2 | 7298 | 28800 |
| 4 | 5 | 2 | 7298 | 38400 |
| 5 | 5 | 1 | 7298 | 57600 |
| 6 | 5 | 1 | 7298 | 67200 |
| 7 | 10 | 1 | 14411 | 115200 |
| 8 | 10 | 1 | 14411 | 134400 |
| 9 | 15 | 1 | 25251 | 172800 |
| 10 | 15 | 1 | 27952 | 172800 |
| 11 | 5 | 2 | 3630 | 14400 |
| 12 | 5 | 1 | 3630 | 28800 |
| 13 | 15 | 1 | 34800 | 259200 |
| 14 | 15 | 1 | 42196 | 259200 |
| 15 | 15 | 1 | 23370 | 345600 |
| 16 | 15 | 1 | 27952 | 345600 |

4. HSUPA

SAR for Body exposure configurations is measured according to the “Body SAR Measurements” procedures of 3G device. When the maximum output power and tune-up tolerance specified for production units in a secondary mode is ≤¼ dB higher than the primary mode or when the highest reported SAR of the primary mode is scaled by the ratio of specified maximum output power and tune-up tolerance of secondary to primary mode and the primary mode and the adjusted SAR is ≤ 1.2W/kg, SAR measurement is not required for the secondary mode.

Per KDB941225 D01v03, the 3G SAR test reduction procedures is applied to HSPA (HSUPA/HSDPA with RMC) body configurations with 12.2 kbps RMC as the primary mode. Otherwise, SAR is measured for HSPA using the HSPA body SAR procedures for the highest reported body exposure SAR configuration in 12.2 kbps RMC.

Due to inner loop power control requirements in HSUPA, a commercial communication test set should be used for the output power and SAR tests. The 12.2 kbps RMC, FRC H-set 1 and E-DCH configurations for HSDPA should be configured according to the values indicated below as well as other applicable procedures described in the “WCDMA Handset“ and „Release 5 HSDPA Data Device” sections of 3G device.

Subtests for UMTS Release 6 HSUPA

| Sub-test | $\beta_c$ | $\beta_d$ | $\beta_d$ (SF) | $\beta_c/\beta_d$ | $\beta_{hs}$(1) | $\beta_{ec}$ | $\beta_{ed}$ | $\beta_{ec}$ (SF) | $\beta_{ed}$ (code) | CM(2) (dB) | MPR (dB) | AG(4) Index | E-TFCI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 11/15(3) | 15/15(3) | 64 | 11/15(3) | 22/15 | 209/225 | 1039/225 | 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 $\beta_{ed2}$:47/15 | 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(4) | 15/15(4) | 64 | 15/15(4) | 30/15 | 24/15 | 134/15 | 4 | 1 | 1.0 | 0.0 | 21 | 81 |

Note 1: $\Delta$ ACK, $\Delta$ NACK and $\Delta$ CQI = 8 $A_{hs} = \beta_{hs}/\beta_c = 30/15$ $\beta_{hs} = 30/15 * \beta_c$

Note 2: CM = 1 for $\beta_c/\beta_d = 12/15$, $\beta_{hs}/\beta_c = 24/15$. 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 $\beta_c/\beta_d$ 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 $\beta_c = 10/15$ and $\beta_d = 15/15$

Note 4 : For subtest 5 the $\beta_c/\beta_d$ ratio of 15/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signalled gain factors for the reference TFC (TF1,TF1) to $\beta_c = 14/15$ and $\beta_d = 15/15$

Note 5 : Testing UE using E-DPDCH Physical Layer category 1 Sub-test 3 is not required according to TS 25.306 Table 5.1g

Note 6: $\beta_{ed}$ can not be set directly; it is set by Absolute Grant Value.

HSUPA UE category

| UE E-DCH Category | Maximum E-DCH Codes Transmitted | Number of HARQ Processes | E-DCH TTI(ms) | Minimum Speading Factor | Maximum E-DCH Transport Block Bits | Max Rate (Mbps) |
|---|---|---|---|---|---|---|
| 1 | 1 | 4 | 10 | 4 | 7110 | 0.7296 |
| 2 | 2 | 8 | 2 | 4 | 2798 | 1.4592 |
| | 2 | 4 | 10 | 4 | 14484 | |
| 3 | 2 | 4 | 10 | 4 | 14484 | 1.4592 |
| 4 | 2 | 8 | 2 | 2 | 5772 | 2.9185 |
| | 2 | 4 | 10 | 2 | 20000 | 2.00 |
| 5 | 2 | 4 | 10 | 2 | 20000 | 2.00 |
| 6 (No DPDCH) | 4 | 8 | 10 | 2SF2&2SF4 | 11484 | 5.76 |
| | 4 | 4 | 2 | | 20000 | 2.00 |
| 7 (No DPDCH) | 4 | 8 | 2 | 2SF2&2SF4 | 22996 | ? |
| | 4 | 4 | 10 | | 20000 | ? |

NOTE: When 4 codes are transmitted in parallel, two codes shall be transmitted with SF2 and two with SF4.UE categories 1 to 6 support QPSK only. UE category 7 supports QPSK and 16QAM.(TS25.306-7.3.0).

5. DC-HSDPA

In DC-HSDPA implementation of this device, the uplink parameters are the same as HSDPA. No additional channels and modulations (16 QAM, and 64 QAM) are supported in uplink. The difference is only in the downlink parameters, where two carriers are supported. HSDPA settings were used on uplink.

For Rel. 8 DC-HSDPA apply the four subtests from HSDPA Release 5 except use fixed reference channel H-Set 12 for DC-HSDPA. And we can apply the same SAR test exclusion criteria used for Rel. 6 HSPA for Rel. 7 HSPA+ and Rel. 8 DC-HSDPA. That is, if the HSPA, HSPA+, or the DC-HSDPA maximum output is not more than 0.25 dB higher than WCDMA, SAR measurement for those modes is not required.
The following tests were completed according to procedures in section 7.3.13 of 3GPP TS 34.108 v9.5.0. A summary of these settings are illustrated below:

Downlink Physical Channels are set as per 3GPP TS34.121-1 v9.0.0 E.5.0
Levels for HSDPA connection setup

| Parameter During Connection setup | Unit | Value |
|---|---|---|
| P-CPICH_Ec/Ior | dB | -10 |
| P-CCPCH and SCH_Ec/Ior | dB | -12 |
| PICH _Ec/Ior | dB | -15 |
| HS-PDSCH | dB | off |
| HS-SCCH_1 | dB | off |
| DPCH_Ec/Ior | dB | -5 |
| OCNS_Ec/Ior | dB | -3.1 |

Call is set up as per 3GPP TS34.108 v9.5.0 sub clause 7.3.13
The configurations of the fixed reference channels for HSDPA RF tests are described in 3GPP TS 34.121, annex C for FDD and 3GPP TS 34.122.
The measurements were performed with a Fixed Reference Channel (FRC) H-Set 12 with QPSK

| Parameter | Value |
|---|---|
| Nominal average inf. bit rate | 60 kbit/s |
| Inter-TTI Distance | 1 TTI"s |
| Number of HARQ Processes | 6 Processes |
| Information Bit Payload | 120 Bits |
| Number Code Blocks | 1 Block |
| Binary Channel Bits Per TTI | 960 Bits |
| Total Available SMLs in UE | 19200 SMLs |
| Number of SMLs per HARQ Process | 3200 SMLs |
| Coding Rate | 0.15 |
| Number of Physical Channel Codes | 1 |

Note:
1.The RMC is intended to be used for DC-HSDPA mode and both cells shall transmit with identical parameters as listed in the table above.
2.Maximum number of transmission is limited to 1,i.e.,retransmission is not allowed. The redundancy and constellation version 0 shall be used.

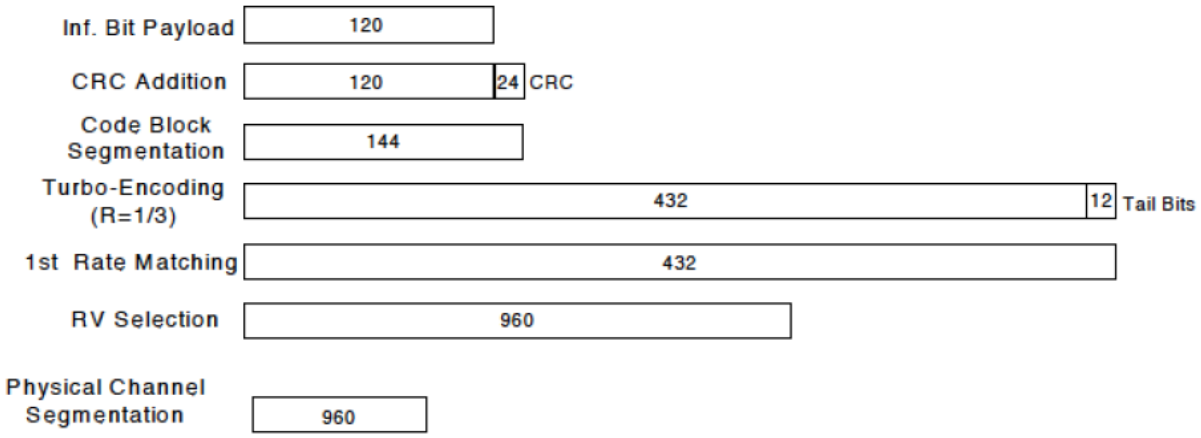



**Figure C.8.19: Coding rate for Fixed reference Channel H-Set 12 (QPSK)**

The following 4 Sub-tests for HSDPA were completed according to Release 5 procedures. A summary of subtest settings are illustrated below:

| Sub-test | $\beta_c$ | $\beta_d$ | $\beta_d$ (SF) | $\beta_c/\beta_d$ | $\beta_{hs}$ (1) | CM(dB)(2) | MPR (dB) |
|---|---|---|---|---|---|---|---|
| 1 | 2/15 | 15/15 | 64 | 2/15 | 4/15 | 0.0 | 0 |
| 2 | 12/15(3) | 15/15(3) | 64 | 12/15(3) | 24/15 | 1.0 | 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: Δ ACK, Δ NACK and Δ CQI = 8 $A_{hs} = \beta_{hs}/\beta_c = 30/15$ $\beta_{hs} = 30/15 * \beta_c$
Note 2 : CM=1 for $\beta_c/\beta_d$= 12/15, $\beta_{hs}/\beta_c$ = 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 3 : For subtest 2 the $\beta_c/\beta_d$ 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 $\beta_c$ = 11/15 and $\beta_d$ = 15/15

Up commands are set continuously to set the UE to Max power.

Note:
1.The Dual Carriers transmission only applies to HSDPA physical channels
2.The Dual Carriers belong to the same Node and are on adjacent carriers.
3.The Dual Carriers do not support MIMO to serve UEs configured for dual cell operation
4.The Dual Carriers operate in the same frequency band .
5.The device doesn't support the modulation of 16QAM in uplink but 64QAM in downlink for DC-HSDPA mode.
6.The device doesn‟t support carrier aggregation for it just can operate in Release 8.

### 7.1.3 LTE TEST CONFIGURATION

SAR for LTE band exposure configurations is measured according to the procedures of KDB 941225 D05 SAR for LTE Devices v02r03. The CMW500 Wide Band Radio Communication Tester was used for LTE output power measurements and SAR testing. Closed loop power control was used so the UE transmits with maximum output power during SAR testing. SAR test were performed with the same number of RB and RB offsets transmitting on all TTI frames(Maximum TTI)

**1. Spectrum Plots for RB configurations**

A properly configured base station simulator was used for LTE output power measurements and SAR testing. Therefore, spectrum plots for RB configurations were not required to be included in this report.

**2. MPR**

When MPR is implemented permanently within the UE, regardless of network requirements, only those RB configurations allowed by 3GPP for the channel bandwidth and modulation combinations may be tested with MPR active. Configurations with RB allocations less than the RB thresholds required by 3GPP must be tested without MPR.
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 6.2.3-1 of the 3GPP TS36.101:

**Table 6.2.3-1: Maximum Power Reduction (MPR) for Power Class 3**

| Modulation | Channel bandwidth / Transmission bandwidth ($N_{RB}$) | | | | | | MPR (dB) |
|---|---|---|---|---|---|---|---|
| | 1.4 MHz | 3.0 MHz | 5 MHz | 10 MHz | 15 MHz | 20 MHz | |
| QPSK | > 5 | > 4 | > 8 | > 12 | > 16 | > 18 | ≤ 1 |
| 16 QAM | ≤ 5 | ≤ 4 | ≤ 8 | ≤ 12 | ≤ 16 | ≤ 18 | ≤ 1 |
| 16 QAM | > 5 | > 4 | > 8 | > 12 | > 16 | > 18 | ≤ 2 |

**3. A-MPR**

A-MPR(Additional MPR) has been disabled for all SAR tests by using Network Signalling Value of “NS_01”on the base station simulator.

**4. LTE procedures for SAR testing**

A) Largest channel bandwidth standalone SAR test requirements

i) QPSK with 1 RB allocation

Start with the largest channel bandwidth and measure SAR for QPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel. When the reported SAR is ≤ 0.8 W/kg, testing of the remaining RB offset configurations and required test channels is not required for 1 RB allocation; otherwise, SAR is required for the remaining required test channels and only for the RB offset configuration with the highest output power for that channel. When the reported SAR of a required test channel is > 1.45 W/kg, SAR is required for all three RB offset configurations for that required test channel.

ii) QPSK with 50% RB allocation

The procedures required for 1 RB allocation in i) are applied to measure the SAR for QPSK with 50% RB allocation.

iii) QPSK with 100% RB allocation

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 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation in i) and ii) are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel and if the reported SAR is > 1.45 W/kg, the remaining required test channels must also be tested.

iv) Higher order modulations

For each modulation besides QPSK; e.g., 16-QAM, 64-QAM, apply the QPSK procedures in above sections to determine the QAM configurations that may need SAR measurement. For each configuration identified as required for testing, SAR is required only when the highest maximum output power for the configuration in the higher order modulation is > ½ dB higher than the same configuration in QPSK or when the reported SAR for the QPSK configuration is > 1.45 W/kg.

B) Other channel bandwidth standalone SAR test requirements

For the other channel bandwidths used by the device in a frequency band, apply all the procedures required for the largest channel bandwidth in section A) to determine the channels and RB configurations that need SAR testing and only measure SAR when the highest maximum output power of a configuration requiring testing in the smaller channel bandwidth is > ½ dB higher than the equivalent channel configurations in the largest channel bandwidth configuration or the reported SAR of a configuration for the largest channel bandwidth is > 1.45 W/kg.

### 7.1.4 WIFI TEST CONFIGURATION

For WLAN SAR testing, WLAN engineering testing software installed on the DUT can provide continuous transmitting RF signal.

| Mode | 802.11 a/b/g/n(20M/40M)/ac(20M/40M/80M) |
|---|---|
| Duty cycle | 100% |
| Crest factor | 1 |

For WLAN SAR tests, a communication link is set up with the test mode software for WIFI mode test. During the test, at the each test frequency channel, the EUT is operated at the RF continuous emission mode. Each channel should be tested at the lowest data rate. Testing at higher data rates is not required when the maximum average output power is less than 0.25dB higher than those measured at the lowest data rate.

For 2.4GHz,802.11b/g operating modes are tested independently according to the service requirements in each frequency band. 802.11b/g modes are tested on channel 1, 6, 11; however, if output power reduction is necessary for channels 1 and/or 11 to meet restricted band requirements the highest output channel closest to each of these channels must be tested instead.

SAR is not required for 802.11g/n channels when the maximum average output power is less than 0.25dB higher than that measured on the corresponding 802.11b channels.

| Mode | Band | GHz | Channel | "Default Test Channels" | |
|---|---|---|---|---|---|
| | | | | 802.11b | 802.11g |
| 802.11b/g | 2.4 GHz | 2.412 | 1# | √ | △ |
| | | 2.437 | 6# | √ | △ |
| | | 2.462 | 11# | √ | △ |

Notes:

√ = "default test channels"

△= possible 802.11g channels with maximum average output ¼ dB the "default test channels"

# = when output power is reduced for channel 1 and /or 11 to meet restricted band requirements the highest output channels closest to each of these channels should be tested.

According to FCC KDB 248227,when the maximum output channel(maximum tune-up tolerance limit power)in each 802.11a frequency band is not included in the "default test channels", the maximum output channel should be tested instead of an adjacent "default test channel". These are referred to as the "required test channels".

According to FCC KDB 248227 and October 10,2012 TCB Workshop, SAR is not required for 802.11n(20M)/ n(40M)/ ac(80M) channels when the maximum average output power is less than 1/4dB higher than that measured on the corresponding 802.11a channels.

For 5GHz, SAR is not required for 802.11n(20M)/ n(40M)/ ac(80M), due to the maximum average output power is less than 1/4dB higher than that measured on the corresponding 802.11a channels.

The device supports 802.11ac(20M), ac(40M), ac(80M) and transmitting one channel at one time, not simultaneously, in different 5GHz bands. According to April 2013 TCB Workshop, apply usual 802.11 test exclusion considerations, but include 802.11ac SAR for highest 802.11a configuration in each 5GHz band and each exposure condition. Therefore, 802.11ac SAR is required for the highest SAR configuration in each 5GHz band.

## 7.2 TEST POSITION

### 7.2.1 Test Position Requirements

The overall diagonal dimension of the display section of a tablet is 24cm>20cm,Per FCC KDB 616217,the back surface and edges of the tablet should be tested for SAR compliance with the Tablet touching the phantom.SAR evaluation for the front surface of tablet display screens are generally not necessary. The SAR Exclusion Threshold in KDB 447498 D01can be applied to determine SAR test exclusion for adjacent edge configurations. The closest distance from the antenna to an adjacent tablet edge is used to determine if SAR testing is required for the adjacent edges, with the adjacent edge positioned adjacent the phantom and the edge containing the antenna positioned perpendicular to the phantom.

### 7.2.2 SAR test reduction and exclusion guidance

(1)The SAR exclusion threshold for distances<50mm is defined by the following equation:

$$\frac{\text{(max. power of channel, including tune-up tolerance, mW)}}{\text{(min. test separation distance, mm)}} \sqrt{\text{Frequency (GHz)}} \leq 3.0$$

(2)The SAR exclusion threshold for distances>50mm is defined by the following equation, as illustrated in KDB 447498 D01 Appendix B:

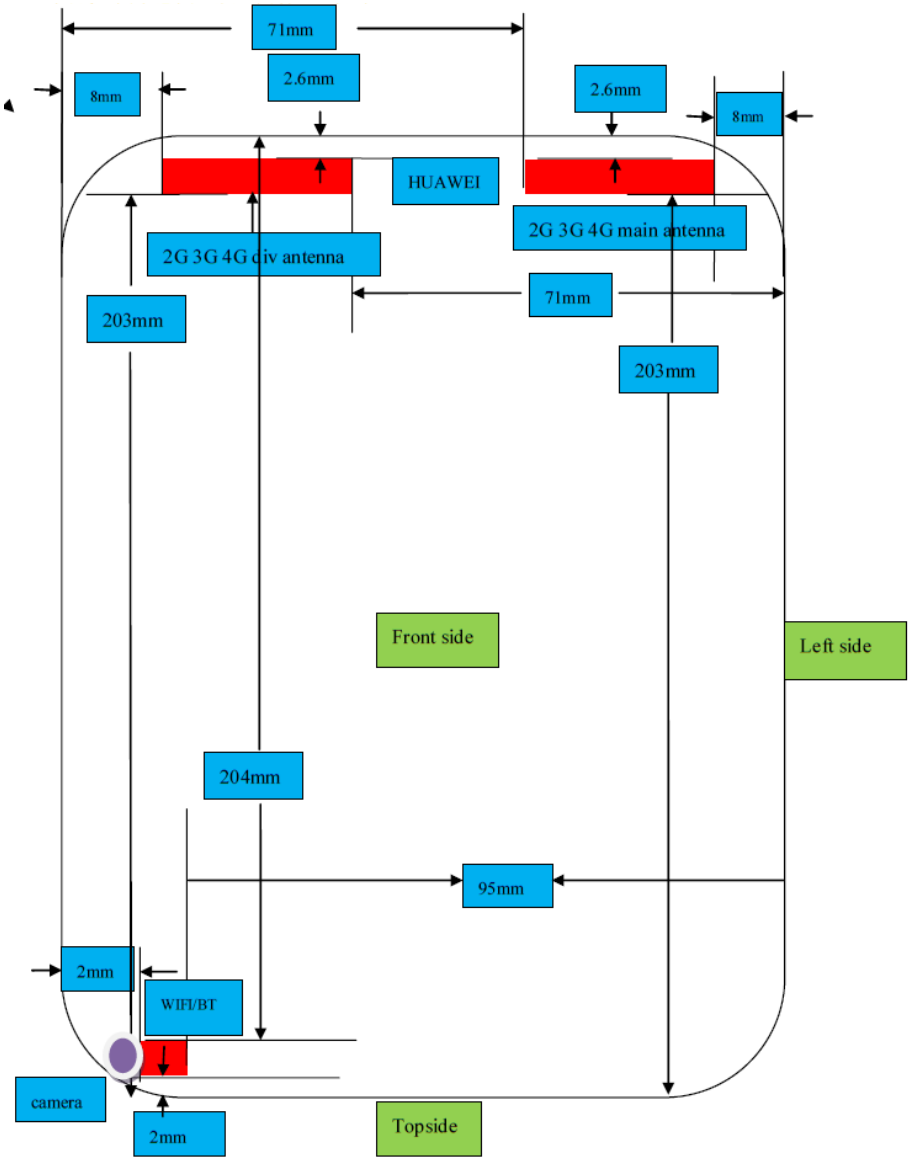
a) at 100 MHz to1500 MHz

**[Power allowed at numeric Threshold at 50 mm in step 1) + (test separation distance - 50 mm) · ($f_{(MHz)}$/150)] mW**

b) at >1500MHz and ≤6GHz

**[Power allowed at numeric Threshold at 50 mm in step 1) + (test separation distance - 50 mm) ·10] mW**

The location of the antenna inside EUT is as below.




Note:
1) Diversity antenna is used to improve the acceptance of performance of the main antenna, it does not have a transmitter function.

**Test Position 1:** The front side of the EUT towards the bottom of the flat phantom.

SAR is not required for BT/WiFi/GSM/UMTS/LTE antenna in this position.

**Test Position2:** The back side of the EUT towards the bottom of the flat phantom.

SAR is required for WiFi/GSM/UMTS/LTE antenna in this position.

SAR is not required for BT antenna in this position.

$Evaluation_{(BT)}=[10^{(6/10)}/5]*(2.480^{1/2})=1.25<3.0$

$Evaluation_{(2.4GWiFi)}=[10^{(18/10)}/5]*(2.462^{1/2})=19.80>3.0$

$Evaluation_{(5GWiFi)}=[10^{(13/10)}/5]*(5.825^{1/2})=4.30>3.0$

$Evaluation_{(GSM850)}=[10^{((31.5-6.13)/10)}/5]*(0.8486^{1/2})=63.44>3.0$

$Evaluation_{(GSM1900)}=[10^{((28.5-6.13)/10)}/5]*(1.9098^{1/2})=47.70>3.0$

$Evaluation_{(UMTS\ Band\ 2)}=[10^{(24/10)}/5]*(1.9076^{1/2})=78.02>3.0$

$Evaluation_{(UMTS\ Band\ 4)}=[10^{(24/10)}/5]*(1.7526^{1/2})=66.51>3.0$

$Evaluation_{(UMTS\ Band\ 5)}=[10^{(24/10)}/5]*(0.8466^{1/2})=46.22>3.0$

$Evaluation_{(LTE\ Band\ 2)}=[10^{(24/10)}/5]*(1.9^{1/2})=69.25>3.0$

$Evaluation_{(LTE\ Band\ 4)}=[10^{(23.5/10)}/5]*(1.745^{1/2})=59.15>3.0$

$Evaluation_{(LTE\ Band\ 5)}=[10^{(24/10)}/5]*(0.839^{1/2})=46.02>3.0$

$Evaluation_{(LTE\ Band\ 7)}=[10^{(24/10)}/5]*(2.56^{1/2})=80.38>3.0$

$Evaluation_{(LTE\ Band\ 26)}=[10^{(23.5/10)}/5]*(0.839^{1/2})=41.01>3.0$

**Test Position 3:** The left side of the EUT towards the bottom of the flat phantom.

SAR is required for GSM/UMTS/LTE antenna in this position.

SAR is not required for BT/WiFi antenna in this position.

$Evaluation_{(BT)}$=95.25+(95-50)*10 =545.25mW=27.37dBm>6dBm(max.power)

$Evaluation_{(2.4GWiFi)}$= 95.6+(95-50)*10 =545.6mW=27.37dBm>18dBm(max.power)

$Evaluation_{(5GWiFi)}$= 62.15+(95-50)*10 =512.15mW=27.09dBm>13dBm(max.power)

$Evaluation_{(GSM850)}=[10^{((31.5-6.13)/10)}/8]*(0.8486^{1/2})=39.65>3.0$

$Evaluation_{(GSM1900)}=[10^{((28.5-6.13)/10)}/8]*(1.9098^{1/2})=29.81>3.0$

$Evaluation_{(UMTS\ Band\ 2)}=[10^{(24/10)}/8]*(1.9076^{1/2})=43.37>3.0$

$Evaluation_{(UMTS\ Band\ 4)}=[10^{(24/10)}/8]*(1.7526^{1/2})=41.57>3.0$

$Evaluation_{(UMTS\ Band\ 5)}=[10^{(24/10)}/8]*(0.8466^{1/2})=28.89>3.0$

$Evaluation_{(LTE\ Band\ 2)}=[10^{(24/10)}/8]*(1.9^{1/2})=43.28>3.0$

$Evaluation_{(LTE\ Band\ 4)}=[10^{(23.5/10)}/8]*(1.745^{1/2})=36.97>3.0$

$Evaluation_{(LTE\ Band\ 5)}=[10^{(24/10)}/8]*(0.839^{1/2})=28.76>3.0$

$Evaluation_{(LTE\ Band\ 7)}=[10^{(24/10)}/8]*(2.56^{1/2})=50.24>3.0$

$Evaluation_{(LTE\ Band\ 26)}=[10^{(23.5/10)}/8]*(0.839^{1/2})=25.63>3.0$

**Test Position 4:** The right side of the EUT towards the bottom of the flat phantom.

SAR is required for WiFi/GSM850/LTE Band 5/26 antenna in this position.

SAR is not required for BT/GSM1900/UMTS/LTE Band2/4/7 antenna in this position.

Evaluation$_{(BT)}$=[$10^{(6/10)}$/5]*($2.480^{1/2}$)=1.25<3.0

Evaluation$_{(2.4GWiFi)}$=[$10^{(18/10)}$/5]*($2.462^{1/2}$)=19.80>3.0

Evaluation$_{(5GWiFi)}$=[$10^{(13/10)}$/5]*($5.825^{1/2}$)=4.30>3.0

Evaluation$_{(GSM850)}$= 162.83+(71-50)*(848.6/150) =281.64mW

=24.50dBm< (31.5-6.13)=25.37dBm(max.power)

Evaluation$_{(GSM1900)}$= 108.54+(71-50)*10 =318.54mW

=25.03dBm>( 28.5-6.13)=22.37dBm(max.power)

Evaluation$_{(UMTS\ Band\ 2)}$= 108.6+(71-50)*10 =318.6mW

=25.03dBm>24dBm(max.power)

Evaluation$_{(UMTS\ Band\ 4)}$= 113.3+(71-50)*10 =323.31mW

=25.1dBm>24dBm(max.power)

Evaluation$_{(UMTS\ Band\ 5)}$=163.02+(71-50)* (846.6/150) =281.36mW

=24.49dBm>24dBm(max.power)

Evaluation$_{(LTE\ Band\ 2)}$= 108.82+(71-50)*10 =318.8mW=25.03dBm>24dBm(max.power)

Evaluation$_{(LTE\ Band\ 4)}$= 113.55+(71-50)*10 =323.6mW=25.1dBm>23.5dBm(max.power)

Evaluation$_{(LTE\ Band\ 5)}$= 163.76+(71-50)* (839/150) =211.21mW

=23.25dBm<24dBm(max.power)

Evaluation$_{(LTE\ Band\ 7)}$= 93.75+(71-50)*10 =303.75mW=24.83dBm>24dBm(max.power)

Evaluation$_{(LTE\ Band\ 26)}$= 163.76+(71-50)* (839/150) =211.21mW

=23.25dBm<23.5dBm(max.power)

**Test Position 5:** The top side of the EUT towards the bottom of the flat phantom.

SAR is required for WiFi antenna in this position

SAR is not required for BT/GSM/UMTS/LTE antenna in this position.

Evaluation$_{(BT)}$=[$10^{(6/10)}$/5]*($2.480^{1/2}$)=1.25<3.0

Evaluation$_{(2.4GWiFi)}$=[$10^{(18/10)}$/5]*($2.462^{1/2}$)=19.80>3.0

Evaluation$_{(5GWiFi)}$=[$10^{(13/10)}$/5]*($5.825^{1/2}$)=4.30>3.0

Evaluation$_{(GSM850)}$=162.83+(203-50)*(848.6/150)=1028.40mW

=30.12dBm> (31.5-6.13)dBm=25.37dBm(max.power)

Evaluation$_{(GSM1900)}$= 108.54+(203-50)*10 =1638.54mW

=32.14dBm>( 28.5-6.13)=22.37dBm(max.power)

Evaluation$_{(UMTS\ Band\ 2)}$= 108.6+(203-50)*10 =1638.60mW

=32.14dBm>24dBm(max.power)

Evaluation$_{(UMTS\ Band\ 4)}$= 113.3+(203-50)*10 =1643.31mW

=32.16dBm>24dBm(max.power)

Evaluation$_{(UMTS\ Band\ 5)}$=163.02+(203-50)* (846.6/150) =976.84mW

=29.90dBm>24dBm(max.power)

Evaluation$_{(LTE\ Band\ 2)}$= 108.82+(203-50)*10 =1638.82mW

=32.15dBm>24dBm(max.power)

Evaluation$_{(LTE\ Band\ 4)}$= 113.55+(203-50)*10 =1643.55mW

=32.16dBm>23.5dBm(max.power)

Evaluation$_{(LTE\ Band\ 5)}$= 163.76+(203-50)* (839/150) =969.33mW

=29.86dBm>24dBm(max.power)

Evaluation$_{(LTE\ Band\ 7)}$= 93.75+(203-50)*10 =1623.75mW

=32.11dBm>24dBm(max.power)

Evaluation$_{(LTE\ Band\ 26)}$= 163.76+(203-50)* (839/150) =969.33mW

=29.86dBm >23.5dBm(max.power)

**Test Position 6:** The bottom side of the EUT towards the bottom of the flat phantom.

SAR is required for GSM/UMTS/LTE antenna in this position.

SAR is not required for BT/ WiFi antenna in this position.

Evaluation$_{(BT)}$=95.25+(204-50)*10 =1635.25mW=32.14dBm>6dBm(max.power)

Evaluation$_{(2.4G\ WiFi)}$= 95.60+(204-50)*10 =1635.60Mw

=32.14dBm>18dBm(max.power)

Evaluation$_{(5G\ WiFi)}$=62.15+(204-50)*10 =1602.15Mw

=32.05dBm>13dBm(max.power)

Evaluation$_{(GSM850)}$=[$10^{((31.5-6.13)/10)}$/5]*($0.8486^{1/2}$)=63.44>3.0

Evaluation$_{(GSM1900)}$=[$10^{((28.5-6.13)/10)}$/5]*($1.9098^{1/2}$)=47.70>3.0

Evaluation$_{(UMTS\ Band\ 2)}$=[$10^{(24/10)}$/5]*($1.9076^{1/2}$)=78.02>3.0

Evaluation$_{(UMTS\ Band\ 4)}$=[$10^{(24/10)}$/5]*($1.7526^{1/2}$)=66.51>3.0

Evaluation$_{(UMTS\ Band\ 5)}$=[$10^{(24/10)}$/5]*($0.8466^{1/2}$)=46.22>3.0

Evaluation$_{(LTE\ Band\ 2)}$=[$10^{(24/10)}$/5]*($1.9^{1/2}$)=69.25>3.0

Evaluation$_{(LTE\ Band\ 4)}$=[$10^{(23.5/10)}$/5]*($1.745^{1/2}$)=59.15>3.0

Evaluation$_{(LTE\ Band\ 5)}$=[$10^{(24/10)}$/5]*($0.839^{1/2}$)=46.02>3.0

Evaluation$_{(LTE\ Band\ 7)}$=[$10^{(24/10)}$/5]*($2.56^{1/2}$)=80.38>3.0

Evaluation$_{(LTE\ Band\ 26)}$=[$10^{(23.5/10)}$/5]*($0.839^{1/2}$)=41.01>3.0

# 8.TEST RESULT

## 8.1CONDUCTED POWER RESULTS

### 8.1.1CONDUCTED POWER MEASUREMENTS OF GSM850

| GSM850 | | Tune Up | Burst-Averaged output Power (dBm) | | | Division Factors | Frame-Averaged output Power (dBm) | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | 128CH | 190CH | 251CH | | 128CH | 190CH | 251CH |
| GSM (CS) | | **33.00** | 32.89 | 32.80 | 32.79 | -9.19 | 23.70 | 23.61 | 23.60 |
| GPRS/ EDGE (GMSK) | 1 Tx Slot | **33.00** | 32.86 | 32.78 | 32.62 | -9.19 | 23.67 | 23.59 | 23.43 |
| | 2 Tx Slots | **31.50** | 30.78 | 30.72 | 30.60 | -6.13 | 24.65 | **24.59** | 24.47 |
| | 3 Tx Slots | **29.50** | 28.87 | 28.83 | 28.74 | -4.42 | 24.45 | 24.41 | 24.32 |
| | 4 Tx Slots | **27.50** | 26.98 | 26.97 | 26.85 | -3.18 | 23.80 | 23.79 | 23.67 |
| EDGE (8PSK) | 1 Tx Slot | **27.00** | 26.08 | 26.23 | 26.24 | -9.19 | 16.89 | 17.04 | 17.05 |
| | 2 Tx Slots | **24.00** | 23.57 | 23.86 | 23.62 | -6.13 | 17.44 | 17.73 | 17.49 |
| | 3 Tx Slots | **22.00** | 21.48 | 21.76 | 21.56 | -4.42 | 17.06 | 17.34 | 17.14 |
| | 4 Tx Slots | **21.00** | 20.02 | 20.53 | 20.21 | -3.18 | 16.84 | 17.35 | 17.03 |

Note:
1) The conducted power of GSM850 is measured with RMS detector.
2) Frame-averaged output power was calculated from the measured burst-averaged output power by converting the slot powers into linear units and calculating the energy over 8 time slots.
3) Per KDB941225 D01v03, the bolded GPRS 2Tx mode was selected for SAR testing according to the highest frame –averaged output power table.

## 8.1.2CONDUCTED POWER MEASUREMENTS OF GSM1900

| GSM1900 | | Tune Up | Burst-Averaged output Power (dBm) | | | Division Factors | Frame-Averaged output Power (dBm) | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | 512CH | 661CH | 810CH | | 512CH | 661CH | 810CH |
| GSM (CS) | | **30.50** | 29.78 | 29.73 | 29.41 | -9.19 | 20.59 | 20.54 | 20.22 |
| GPRS/ EDGE (GMSK) | 1 Tx Slot | **30.50** | 29.79 | 29.72 | 29.39 | -9.19 | 20.60 | 20.53 | 20.20 |
| | 2 Tx Slots | **28.50** | 27.77 | 27.71 | 27.40 | -6.13 | 21.64 | **21.58** | 21.27 |
| | 3 Tx Slots | **26.50** | 25.78 | 25.70 | 25.39 | -4.42 | 21.36 | 21.28 | 20.97 |
| | 4 Tx Slots | **24.50** | 22.83 | 23.79 | 23.49 | -3.18 | 19.65 | 20.61 | 20.31 |
| EDGE (8PSK) | 1 Tx Slot | **26.50** | 25.53 | 25.42 | 25.63 | -9.19 | 16.34 | 16.23 | 16.44 |
| | 2 Tx Slots | **24.00** | 22.49 | 23.06 | 23.18 | -6.13 | 16.36 | 16.93 | 17.05 |
| | 3 Tx Slots | **22.00** | 21.02 | 21.05 | 21.07 | -4.42 | 16.60 | 16.63 | 16.65 |
| | 4 Tx Slots | **21.00** | 19.86 | 19.52 | 19.45 | -3.18 | 16.68 | 16.34 | 16.27 |

Note:
1) The conducted power of GSM1900 is measured with RMS detector.
2) Frame-averaged output power was calculated from the measured burst-averaged output power by converting the slot powers into linear units and calculating the energy over 8 time slots.
3) Per KDB941225 D01v03, the bolded GPRS 2Tx mode was selected for SAR testing according to the highest frame –averaged output power table.

### 8.1.3 CONDUCTED POWER MEASUREMENTS OF UMTS 850 Band 5

| UMTS850 (Band 5) | | Tune-up | SAR Conducted Power (dBm) | | |
|---|---|---|---|---|---|
| | | | 4132CH | 4182CH | 4233CH |
| WCDMA | 12.2kbps RMC | **24.00** | 23.44 | 23.43 | 23.31 |
| | 64kbps RMC | **24.00** | 23.43 | 23.42 | 23.30 |
| | 144kbps RMC | **24.00** | 23.41 | 23.42 | 23.29 |
| | 384kbps RMC | **24.00** | 23.38 | 23.41 | 23.28 |
| HSDPA | Subtest 1 | **24.00** | 23.51 | 23.35 | 23.55 |
| | Subtest 2 | **24.00** | 23.05 | 23.03 | 23.04 |
| | Subtest 3 | **23.50** | 22.37 | 22.48 | 22.43 |
| | Subtest 4 | **23.50** | 22.36 | 22.42 | 22.36 |
| HSUPA | Subtest 1 | **24.00** | 23.06 | 22.99 | 22.85 |
| | Subtest 2 | **24.00** | 23.46 | 23.49 | 23.36 |
| | Subtest 3 | **23.00** | 22.40 | 22.43 | 22.39 |
| | Subtest 4 | **24.00** | 23.47 | 23.67 | 23.53 |
| | Subtest 5 | **24.00** | 22.95 | 23.12 | 22.89 |
| DC-HSDPA | Subtest 1 | **24.00** | 23.51 | 23.35 | 23.55 |
| | Subtest 2 | **24.00** | 23.05 | 23.03 | 23.04 |
| | Subtest 3 | **23.50** | 22.37 | 22.48 | 22.43 |
| | Subtest 4 | **23.50** | 22.36 | 22.42 | 22.36 |

Note:
1) The conducted power of UMTS Band 5 is measured with RMS detector.
2)Note: Per KDB941225 D01v03, When the maximum output power and tune-up tolerance specified for production units in a secondary mode is ≤¼ dB higher than the primary mode or when the highest reported SAR of the primary mode is scaled by the ratio of specified maximum output power and tune-up tolerance of secondary to primary mode and the adjusted SAR is ≤ 1.2 W/kg, SAR measurement is not required for the secondary mode.

### 8.1.4 CONDUCTED POWER MEASUREMENTS OF UMTS 1700 Band 4

| UMTS1700 (Band 4) | | Tune-up | SAR Conducted Power (dBm) | | |
|---|---|---|---|---|---|
| | | | 1312CH | 1413CH | 1513CH |
| WCDMA | 12.2kbps RMC | **24.00** | 23.28 | 23.18 | 23.02 |
| | 64kbps RMC | **24.00** | 23.27 | 23.17 | 23.01 |
| | 144kbps RMC | **24.00** | 23.15 | 23.14 | 22.98 |
| | 384kbps RMC | **24.00** | 23.23 | 23.12 | 23.00 |
| HSDPA | Subtest 1 | **24.00** | 23.37 | 23.30 | 23.18 |
| | Subtest 2 | **24.00** | 23.34 | 23.64 | 23.14 |
| | Subtest 3 | **23.50** | 22.30 | 22.25 | 22.13 |
| | Subtest 4 | **23.50** | 22.28 | 22.30 | 22.17 |
| HSUPA | Subtest 1 | **24.00** | 22.80 | 22.76 | 22.68 |
| | Subtest 2 | **24.00** | 23.29 | 23.32 | 23.20 |
| | Subtest 3 | **23.00** | 22.35 | 22.28 | 22.17 |
| | Subtest 4 | **24.00** | 23.35 | 23.32 | 23.16 |
| | Subtest 5 | **24.00** | 22.83 | 22.80 | 22.65 |
| DC-HSDPA | Subtest 1 | **24.00** | 23.37 | 23.30 | 23.18 |
| | Subtest 2 | **24.00** | 23.34 | 23.64 | 23.14 |
| | Subtest 3 | **23.50** | 22.30 | 22.25 | 22.13 |
| | Subtest 4 | **23.50** | 22.28 | 22.30 | 22.17 |

Note:
1) The conducted power of UMTS Band 4 is measured with RMS detector.
2)Note: Per KDB941225 D01v03, When the maximum output power and tune-up tolerance specified for production units in a secondary mode is ≤¼ dB higher than the primary mode or when the highest reported SAR of the primary mode is scaled by the ratio of specified maximum output power and tune-up tolerance of secondary to primary mode and the adjusted SAR is ≤ 1.2 W/kg, SAR measurement is not required for the secondary mode.

### 8.1.5CONDUCTED POWER MEASUREMENTS OFUMTS1900 Band 2

| UMTS1900 (Band 2) | | Tune-up | SAR Conducted Power (dBm) | | |
|---|---|---|---|---|---|
| | | | 9262CH | 9400CH | 9538CH |
| WCDMA | 12.2kbps RMC | **24.00** | 23.27 | 23.38 | 23.40 |
| | 64kbps RMC | **24.00** | 23.26 | 23.36 | 23.39 |
| | 144kbps RMC | **24.00** | 23.25 | 23.35 | 23.39 |
| | 384kbps RMC | **24.00** | 23.24 | 23.34 | 23.38 |
| HSDPA | Subtest 1 | **24.00** | 23.50 | 23.66 | 23.72 |
| | Subtest 2 | **24.00** | 22.94 | 23.15 | 23.19 |
| | Subtest 3 | **23.50** | 22.38 | 22.59 | 22.68 |
| | Subtest 4 | **23.50** | 22.37 | 22.58 | 22.65 |
| HSUPA | Subtest 1 | **24.00** | 22.96 | 23.09 | 23.15 |
| | Subtest 2 | **24.00** | 23.40 | 23.62 | 23.70 |
| | Subtest 3 | **23.00** | 22.40 | 22.60 | 22.68 |
| | Subtest 4 | **24.00** | 23.50 | 22.48 | 23.69 |
| | Subtest 5 | **24.00** | 22.92 | 22.97 | 23.16 |
| DC-HSDPA | Subtest 1 | **24.00** | 23.50 | 23.66 | 23.72 |
| | Subtest 2 | **24.00** | 22.94 | 23.15 | 23.19 |
| | Subtest 3 | **23.50** | 22.38 | 22.59 | 22.68 |
| | Subtest 4 | **23.50** | 22.37 | 22.58 | 22.65 |

Note:
1) The conducted power of UMTS Band 2 is measured with RMS detector.
2)Note: Per KDB941225 D01v03, When the maximum output power and tune-up tolerance specified for production units in a secondary mode is ≤¼ dB higher than the primary mode or when the highest reported SAR of the primary mode is scaled by the ratio of specified maximum output power and tune-up tolerance of secondary to primary mode and the adjusted SAR is ≤ 1.2 W/kg, SAR measurement is not required for the secondary mode.

### 8.1.6CONDUCTED POWER MEASUREMENTS OF LTE Band 2

| Bandwidth | Modulation | RB size | RB offset | Tune-up | Low | Mid | High |
|---|---|---|---|---|---|---|---|
| | | | | | 18607 | 18900 | 19193 |
| 1.4MHz | QPSK | 1 | 0 | **24.00** | 22.74 | 23.09 | 22.96 |
| | | 1 | 2 | **24.00** | 22.99 | 23.03 | 23.24 |
| | | 1 | 5 | **24.00** | 22.95 | 23.21 | 23.16 |
| | | 3 | 0 | **24.00** | 22.89 | 22.98 | 23.21 |
| | | 3 | 1 | **24.00** | 22.97 | 23.08 | 23.27 |
| | | 3 | 2 | **24.00** | 23.02 | 23.13 | 23.28 |
| | | 6 | 0 | **24.00** | 22.02 | 22.06 | 22.38 |
| | 16QAM | 1 | 0 | **23.00** | 22.09 | 22.06 | 22.54 |
| | | 1 | 2 | **23.00** | 22.34 | 22.35 | 22.80 |
| | | 1 | 5 | **23.00** | 22.21 | 22.13 | 22.69 |
| | | 3 | 0 | **23.00** | 21.95 | 21.95 | 22.35 |
| | | 3 | 1 | **23.00** | 22.04 | 22.00 | 22.41 |
| | | 3 | 2 | **23.00** | 22.08 | 21,99 | 22.43 |
| | | 6 | 0 | **23.00** | 21.11 | 21.40 | 21.48 |
| **Bandwidth** | Modulation | RB size | RB offset | Tune-up | Low | Mid | High |
| | | | | | 18615 | 18900 | 19185 |
| 3MHz | QPSK | 1 | 0 | **24.00** | 22.44 | 22.56 | 22.72 |
| | | 1 | 7 | **24.00** | 23.09 | 23.15 | 23.23 |
| | | 1 | 14 | **24.00** | 22.90 | 22.76 | 22.95 |
| | | 8 | 0 | **23.00** | 21.89 | 21.83 | 22.10 |
| | | 8 | 4 | **23.00** | 22.12 | 21.97 | 22.28 |
| | | 8 | 7 | **23.00** | 22.15 | 21.92 | 22.37 |
| | | 15 | 0 | **23.00** | 22.02 | 21.89 | 22.20 |
| | 16QAM | 1 | 0 | **23.00** | 21.67 | 21.75 | 22.09 |
| | | 1 | 7 | **23.00** | 22.33 | 22.31 | 22.54 |
| | | 1 | 14 | **23.00** | 22.20 | 21.85 | 22.29 |
| | | 8 | 0 | **22.00** | 20.96 | 20.95 | 21.24 |
| | | 8 | 4 | **22.00** | 21.18 | 21.09 | 21.40 |
| | | 8 | 7 | **22.00** | 21.22 | 21.05 | 21.48 |
| | | 15 | 0 | **22.00** | 20.98 | 20.95 | 21.18 |

| Bandwidth | Modulation | RB size | RB offset | Tune-up | Low | Mid | High |
|---|---|---|---|---|---|---|---|
| | | | | | 18625 | 18900 | 19175 |
| 5MHz | QPSK | 1 | 0 | **24.00** | 22.33 | 22.46 | 22.47 |
| | | 1 | 13 | **24.00** | 23.17 | 23.21 | 23.28 |
| | | 1 | 24 | **24.00** | 22.58 | 22.47 | 22.76 |
| | | 12 | 0 | **23.00** | 21.87 | 21.74 | 22.10 |
| | | 12 | 6 | **23.00** | 22.18 | 21.08 | 22.37 |
| | | 12 | 11 | **23.00** | 22.15 | 21.96 | 22.29 |
| | | 25 | 0 | **23.00** | 21.97 | 21.85 | 22.35 |
| | 16QAM | 1 | 0 | **23.00** | 21.47 | 21.65 | 21.51 |
| | | 1 | 13 | **23.00** | 22.31 | 22.40 | 22.34 |
| | | 1 | 24 | **23.00** | 21.73 | 21.70 | 21.80 |
| | | 12 | 0 | **22.00** | 20.89 | 20.85 | 21.17 |
| | | 12 | 6 | **22.00** | 21.20 | 21.18 | 21.47 |
| | | 12 | 11 | **22.00** | 21.16 | 21.08 | 21.36 |
| | | 25 | 0 | **22.00** | 20.97 | 20.86 | 21.33 |
| **Bandwidth** | Modulation | RB size | RB offset | Tune-up | Low | Mid | High |
| | | | | | 18650 | 18900 | 19150 |
| 10MHz | QPSK | 1 | 0 | **24.00** | 22.98 | 22.96 | 22.91 |
| | | 1 | 25 | **24.00** | 23.64 | 23.64 | 23.67 |
| | | 1 | 49 | **24.00** | 23.26 | 23.21 | 23.43 |
| | | 25 | 0 | **24.00** | 22.37 | 22.22 | 22.31 |
| | | 25 | 13 | **24.00** | 22.49 | 22.49 | 22.67 |
| | | 25 | 25 | **24.00** | 22.39 | 22.38 | 22.66 |
| | | 50 | 0 | **24.00** | 22.39 | 22.38 | 22.65 |
| | 16QAM | 1 | 0 | **24.00** | 22.36 | 22.33 | 22.93 |
| | | 1 | 25 | **24.00** | 22.95 | 22.13 | 23.69 |
| | | 1 | 49 | **24.00** | 22.63 | 22.34 | 23.43 |
| | | 25 | 0 | **23.00** | 21.41 | 21.18 | 22.30 |
| | | 25 | 13 | **23.00** | 21.51 | 21.48 | 22.67 |
| | | 25 | 25 | **23.00** | 21.42 | 21.35 | 22.66 |
| | | 50 | 0 | **23.00** | 21.40 | 21.30 | 22.65 |

| Bandwidth | Modulation | RB size | RB offset | Tune-up | Low | Mid | High |
|---|---|---|---|---|---|---|---|
| | | | | | 18675 | 18900 | 19125 |
| 15MHz | QPSK | 1 | 0 | **23.50** | 22.93 | 22.95 | 22.98 |
| | | 1 | 38 | **23.50** | 23.14 | 23.08 | 23.18 |
| | | 1 | 74 | **23.50** | 22.48 | 22.26 | 22.82 |
| | | 36 | 0 | **23.00** | 22.02 | 21.91 | 21.88 |
| | | 36 | 18 | **23.00** | 22.07 | 21.92 | 21.96 |
| | | 36 | 39 | **23.00** | 22.00 | 21.87 | 22.20 |
| | | 75 | 0 | **23.00** | 22.06 | 21.93 | 22.26 |
| | 16QAM | 1 | 0 | **23.00** | 22.19 | 22.15 | 22.35 |
| | | 1 | 38 | **23.00** | 22.37 | 21.37 | 22.56 |
| | | 1 | 74 | **23.00** | 21.77 | 21.67 | 22.20 |
| | | 36 | 0 | **22.00** | 21.06 | 20.99 | 20.90 |
| | | 36 | 18 | **22.00** | 21.08 | 21.00 | 20.99 |
| | | 36 | 39 | **22.00** | 20.99 | 20.93 | 21.22 |
| | | 75 | 0 | **22.00** | 21.09 | 20.98 | 21.25 |
| **Bandwidth** | Modulation | RB size | RB offset | Tune-up | Low | Mid | High |
| | | | | | 18700 | 18900 | 19100 |
| 20MHz | QPSK | 1 | 0 | **24.00** | 23.02 | 23.33 | 23.06 |
| | | 1 | 50 | **24.00** | 23.06 | 23.22 | 23.01 |
| | | 1 | 99 | **24.00** | 22.80 | 22.59 | 23.06 |
| | | 50 | 0 | **23.00** | 22.19 | 22.18 | 21.97 |
| | | 50 | 25 | **23.00** | 22.03 | 22.15 | 22.07 |
| | | 50 | 50 | **23.00** | 22.14 | 22.06 | 22.50 |
| | | 100 | 0 | **23.00** | 22.08 | 22.20 | 22.27 |
| | 16QAM | 1 | 0 | **23.00** | 22.23 | 22.52 | 22.37 |
| | | 1 | 50 | **23.00** | 22.24 | 22.51 | 22.39 |
| | | 1 | 99 | **23.00** | 21.94 | 22.04 | 22.44 |
| | | 50 | 0 | **22.00** | 21.01 | 21.21 | 20.92 |
| | | 50 | 25 | **22.00** | 21.02 | 21.17 | 21.02 |
| | | 50 | 50 | **22.00** | 21.14 | 21.06 | 21.47 |
| | | 100 | 0 | **22.00** | 21.05 | 21.20 | 21.21 |

### 8.1.7CONDUCTED POWER MEASUREMENTS OF LTE Band 4

| Bandwidth | Modulation | RB size | RB offset | Tune-up | Low | Mid | High |
|---|---|---|---|---|---|---|---|
| | | | | | 19957 | 20175 | 20393 |
| 1.4MHz | QPSK | 1 | 0 | **23.50** | 22.75 | 22.21 | 22.51 |
| | | 1 | 2 | **23.50** | 22.85 | 22.45 | 22.67 |
| | | 1 | 5 | **23.50** | 22.70 | 22.43 | 22.54 |
| | | 3 | 0 | **23.50** | 22.73 | 22.28 | 22.62 |
| | | 3 | 1 | **23.50** | 22.79 | 22.38 | 22.69 |
| | | 3 | 2 | **23.50** | 22.79 | 22.43 | 22.70 |
| | | 6 | 0 | **23.50** | 21.79 | 21.58 | 21.68 |
| | 16QAM | 1 | 0 | **23.00** | 21.96 | 21.34 | 21.97 |
| | | 1 | 2 | **23.00** | 22.15 | 21.60 | 22.17 |
| | | 1 | 5 | **23.00** | 22.03 | 21.74 | 22.04 |
| | | 3 | 0 | **23.00** | 21.78 | 21.44 | 21.73 |
| | | 3 | 1 | **23.00** | 21.85 | 21.53 | 21.82 |
| | | 3 | 2 | **23.00** | 21.87 | 21.60 | 21.84 |
| | | 6 | 0 | **22.00** | 21.00 | 21.40 | 20.82 |
| **Bandwidth** | Modulation | RB size | RB offset | Tune-up | Low | Mid | High |
| | | | | | 19965 | 20175 | 20385 |
| 3MHz | QPSK | 1 | 0 | **23.50** | 22.29 | 21.98 | 22..26 |
| | | 1 | 7 | **23.50** | 22.75 | 22.44 | 22.77 |
| | | 1 | 14 | **23.50** | 22.39 | 22.30 | 22.41 |
| | | 8 | 0 | **23.00** | 21.62 | 21.28 | 21.50 |
| | | 8 | 4 | **23.00** | 21.73 | 21.41 | 21.75 |
| | | 8 | 7 | **23.00** | 21.65 | 21.46 | 21.72 |
| | | 15 | 0 | **23.00** | 21.62 | 21.32 | 21.65 |
| | 16QAM | 1 | 0 | **23.00** | 21.60 | 21.45 | 21.72 |
| | | 1 | 7 | **23.00** | 22.07 | 21.90 | 22.18 |
| | | 1 | 14 | **23.00** | 21.74 | 21.82 | 21.90 |
| | | 8 | 0 | **22.00** | 21.61 | 20.34 | 20.61 |
| | | 8 | 4 | **22.00** | 21.72 | 20.45 | 20.85 |
| | | 8 | 7 | **22.00** | 21.65 | 20.52 | 20.83 |
| | | 15 | 0 | **22.00** | 20.68 | 20.35 | 20.73 |

| Bandwidth | Modulation | RB size | RB offset | Tune-up | Low | Mid | High |
|---|---|---|---|---|---|---|---|
| | | | | | 19975 | 20175 | 20375 |
| 5MHz | QPSK | 1 | 0 | **23.50** | 22.16 | 21.90 | 22.33 |
| | | 1 | 13 | **23.50** | 22.77 | 22.56 | 22.79 |
| | | 1 | 24 | **23.50** | 22.28 | 22.00 | 22.14 |
| | | 12 | 0 | **23.00** | 21.55 | 21.28 | 21.67 |
| | | 12 | 6 | **23.00** | 21.70 | 21.45 | 21.81 |
| | | 12 | 11 | **23.00** | 21.71 | 21.44 | 21.77 |
| | | 25 | 0 | **23.00** | 21.63 | 21.27 | 21.71 |
| | 16QAM | 1 | 0 | **23.00** | 21.47 | 21.30 | 21.48 |
| | | 1 | 13 | **23.00** | 22.09 | 21.95 | 21.94 |
| | | 1 | 24 | **23.00** | 21.59 | 21.41 | 21.37 |
| | | 12 | 0 | **22.00** | 20.65 | 20.34 | 20.74 |
| | | 12 | 6 | **22.00** | 20.78 | 20.50 | 20.86 |
| | | 12 | 11 | **22.00** | 20.81 | 20.49 | 20.81 |
| | | 25 | 0 | **22.00** | 20.67 | 20.23 | 20.71 |
| **Bandwidth** | Modulation | RB size | RB offset | Tune-up | Low | Mid | High |
| | | | | | 20000 | 20175 | 20350 |
| 10MHz | QPSK | 1 | 0 | **23.50** | 23.18 | 22.95 | 23.23 |
| | | 1 | 25 | **23.50** | 23.29 | 23.48 | 23.36 |
| | | 1 | 49 | **23.50** | 23.18 | 22.89 | 23.33 |
| | | 25 | 0 | **23.00** | 22.37 | 21.97 | 22.67 |
| | | 25 | 13 | **23.00** | 22.58 | 22.26 | 22.75 |
| | | 25 | 25 | **23.00** | 22.46 | 22.15 | 22.36 |
| | | 50 | 0 | **23.00** | 22.40 | 22.07 | 22.60 |
| | 16QAM | 1 | 0 | **23.50** | 22.52 | 22.32 | 22.42 |
| | | 1 | 25 | **23.50** | 23.26 | 22.84 | 23.08 |
| | | 1 | 49 | **23.50** | 22.61 | 22.30 | 23.05 |
| | | 25 | 0 | **22.00** | 21.49 | 20.99 | 21.74 |
| | | 25 | 13 | **22.00** | 21.66 | 21.27 | 21.87 |
| | | 25 | 25 | **22.00** | 21.51 | 21.15 | 21.50 |
| | | 50 | 0 | **22.00** | 21.46 | 21.06 | 21.61 |

| Bandwidth | Modulation | RB size | RB offset | Tune-up | Low | Mid | High |
|---|---|---|---|---|---|---|---|
| | | | | | 20025 | 20175 | 20325 |
| 15MHz | QPSK | 1 | 0 | **23.50** | 22.80 | 22.64 | 22.61 |
| | | 1 | 38 | **23.50** | 22.99 | 22.63 | 23.06 |
| | | 1 | 74 | **23.50** | 22.13 | 22.26 | 22.37 |
| | | 36 | 0 | **23.00** | 21.79 | 21.37 | 21.73 |
| | | 36 | 18 | **23.00** | 21.86 | 21.43 | 21.92 |
| | | 36 | 39 | **23.00** | 21.66 | 21.42 | 21.82 |
| | | 75 | 0 | **23.00** | 21.69 | 21.33 | 21.83 |
| | 16QAM | 1 | 0 | **23.00** | 22.13 | 21.87 | 21.92 |
| | | 1 | 38 | **23.00** | 22.27 | 21.82 | 22.32 |
| | | 1 | 74 | **23.00** | 21.51 | 21.46 | 21.59 |
| | | 36 | 0 | **22.00** | 20.84 | 20.33 | 20.74 |
| | | 36 | 18 | **22.00** | 20.92 | 20.42 | 20.99 |
| | | 36 | 39 | **22.00** | 20.69 | 20.40 | 20.86 |
| | | 75 | 0 | **22.00** | 20.73 | 20.35 | 20.87 |
| **Bandwidth** | Modulation | RB size | RB offset | Tune-up | Low | Mid | High |
| | | | | | 20050 | 20175 | 20300 |
| 20MHz | QPSK | 1 | 0 | **23.50** | 22.86 | 22.87 | 22.04 |
| | | 1 | 50 | **23.50** | 22.93 | 22.53 | 22.19 |
| | | 1 | 99 | **23.50** | 22.45 | 22.57 | 22.04 |
| | | 50 | 0 | **22.00** | 21.88 | 21.41 | 20.44 |
| | | 50 | 25 | **22.00** | 21.70 | 21.18 | 20.45 |
| | | 50 | 50 | **22.00** | 21.69 | 21.37 | 20.86 |
| | | 100 | 0 | **22.00** | 21.74 | 21.26 | 20.73 |
| | 16QAM | 1 | 0 | **23.00** | 22.33 | 22.26 | 22.02 |
| | | 1 | 50 | **23.00** | 22.35 | 21.66 | 22.21 |
| | | 1 | 99 | **23.00** | 21.92 | 21.80 | 21.82 |
| | | 50 | 0 | **22.00** | 20.86 | 20.21 | 20.44 |
| | | 50 | 25 | **22.00** | 20.68 | 20.19 | 20.50 |
| | | 50 | 50 | **22.00** | 20.69 | 20.41 | 20.86 |
| | | 100 | 0 | **22.00** | 20.51 | 20.25 | 20.70 |

## 8.1.8CONDUCTED POWER MEASUREMENTS OF LTE Band 5

| Bandwidth | Modulation | RB size | RB offset | Tune-up | Low | Mid | High |
|---|---|---|---|---|---|---|---|
| | | | | | 20407 | 20525 | 20643 |
| 1.4MHz | QPSK | 1 | 0 | **23.50** | 22.81 | 22.96 | 22.71 |
| | | 1 | 2 | **23.50** | 23.00 | 23.14 | 22.75 |
| | | 1 | 5 | **23.50** | 22.97 | 22.94 | 22.42 |
| | | 3 | 0 | **23.50** | 22.89 | 23.06 | 22.79 |
| | | 3 | 1 | **23.50** | 22.97 | 23.10 | 22.76 |
| | | 3 | 2 | **23.50** | 23.01 | 23.09 | 22.70 |
| | | 6 | 0 | **23.50** | 22.01 | 22.13 | 21.88 |
| | 16QAM | 1 | 0 | **23.50** | 22.04 | 22.34 | 21.93 |
| | | 1 | 2 | **23.50** | 22.18 | 22.47 | 22.03 |
| | | 1 | 5 | **23.50** | 22.16 | 22.32 | 21.64 |
| | | 3 | 0 | **23.50** | 21.99 | 22.15 | 21.90 |
| | | 3 | 1 | **23.50** | 22.07 | 22.19 | 21.90 |
| | | 3 | 2 | **23.50** | 22.13 | 22.21 | 21.83 |
| | | 6 | 0 | **23.00** | 21.16 | 21.30 | 21.09 |
| **Bandwidth** | Modulation | RB size | RB offset | Tune-up | Low | Mid | High |
| | | | | | 20415 | 20525 | 20635 |
| 3MHz | QPSK | 1 | 0 | **23.50** | 22.51 | 22.78 | 22.56 |
| | | 1 | 7 | **23.50** | 23.09 | 23.14 | 22.94 |
| | | 1 | 14 | **23.50** | 23.04 | 22.85 | 22.30 |
| | | 8 | 0 | **23.50** | 21.94 | 21.95 | 21.86 |
| | | 8 | 4 | **23.50** | 22.16 | 22.11 | 21.99 |
| | | 8 | 7 | **23.50** | 22.23 | 22.17 | 21.92 |
| | | 15 | 0 | **23.50** | 22.09 | 22.06 | 21.96 |
| | 16QAM | 1 | 0 | **23.50** | 21.84 | 22.19 | 21.89 |
| | | 1 | 7 | **23.50** | 22.41 | 22.54 | 22.25 |
| | | 1 | 14 | **23.50** | 22.35 | 22.17 | 21.64 |
| | | 8 | 0 | **23.00** | 21.09 | 21.10 | 21.00 |
| | | 8 | 4 | **23.00** | 21.32 | 21.24 | 21.11 |
| | | 8 | 7 | **23.00** | 21.34 | 21.30 | 21.06 |
| | | 15 | 0 | **23.00** | 21.14 | 21.32 | 21.04 |

| Bandwidth | Modulation | RB size | RB offset | Tune-up | Low | Mid | High |
|---|---|---|---|---|---|---|---|
| | | | | | 20425 | 20525 | 20625 |
| 5MHz | QPSK | 1 | 0 | **23.50** | 22.34 | 22.60 | 22.48 |
| | | 1 | 13 | **23.50** | 23.19 | 23.08 | 22.94 |
| | | 1 | 24 | **23.50** | 22.63 | 22.43 | 21.93 |
| | | 12 | 0 | **23.00** | 21.97 | 21.97 | 21.94 |
| | | 12 | 6 | **23.00** | 22.27 | 21.14 | 22.08 |
| | | 12 | 11 | **23.00** | 22.16 | 22.07 | 22.07 |
| | | 25 | 0 | **23.00** | 22.08 | 21.96 | 21.91 |
| | 16QAM | 1 | 0 | **23.00** | 21.80 | 21.76 | 21.85 |
| | | 1 | 13 | **23.00** | 22.68 | 22.27 | 22.32 |
| | | 1 | 24 | **23.00** | 22.07 | 21.62 | 21.40 |
| | | 12 | 0 | **22.00** | 21.04 | 21.12 | 21.03 |
| | | 12 | 6 | **22.00** | 21.34 | 21.26 | 21.17 |
| | | 12 | 11 | **22.00** | 21.24 | 21.22 | 21.18 |
| | | 25 | 0 | **22.00** | 21.10 | 21.05 | 20.96 |
| **Bandwidth** | Modulation | RB size | RB offset | Tune-up | Low | Mid | High |
| | | | | | 20450 | 20525 | 20600 |
| 10MHz | QPSK | 1 | 0 | **24.00** | 23.28 | 23.34 | 23.50 |
| | | 1 | 25 | **24.00** | 23.80 | 23.02 | 23.73 |
| | | 1 | 49 | **24.00** | 23.62 | 23.15 | 23.11 |
| | | 25 | 0 | **23.00** | 22.67 | 22.51 | 22.55 |
| | | 25 | 13 | **23.00** | 22.63 | 22.02 | 22.73 |
| | | 25 | 25 | **23.00** | 22.43 | 22.24 | 22.57 |
| | | 50 | 0 | **23.00** | 22.51 | 22.45 | 22.64 |
| | 16QAM | 1 | 0 | **23.00** | 22.46 | 22.50 | 22.68 |
| | | 1 | 25 | **23.00** | 22.99 | 22.93 | 22.87 |
| | | 1 | 49 | **23.00** | 22.85 | 22.72 | 22.31 |
| | | 25 | 0 | **23.00** | 21.52 | 21.57 | 21.54 |
| | | 25 | 13 | **23.00** | 21.67 | 21.63 | 21.71 |
| | | 25 | 25 | **23.00** | 21.50 | 21.47 | 21.61 |
| | | 50 | 0 | **23.00** | 21.51 | 21.59 | 21.44 |

### 8.1.9CONDUCTED POWER MEASUREMENTS OF LTE Band 7

| Bandwidth | Modulation | RB size | RB offset | Tune-up | Low | Mid | High |
|---|---|---|---|---|---|---|---|
| | | | | | 20775 | 21100 | 21425 |
| 5MHz | QPSK | 1 | 0 | **24.00** | 22.50 | 22.97 | 22.62 |
| | | 1 | 13 | **24.00** | 23.35 | 23.56 | 23.04 |
| | | 1 | 24 | **24.00** | 22.84 | 22.97 | 22.41 |
| | | 12 | 0 | **23.00** | 22.20 | 22.52 | 22.15 |
| | | 12 | 6 | **23.00** | 22.45 | 22.78 | 22.24 |
| | | 12 | 11 | **23.00** | 22.38 | 22.67 | 22.18 |
| | | 25 | 0 | **23.00** | 22.27 | 22.50 | 22.16 |
| | 16QAM | 1 | 0 | **23.00** | 22.16 | 22.79 | 22.31 |
| | | 1 | 13 | **23.00** | 22.99 | 22.36 | 22.67 |
| | | 1 | 24 | **23.00** | 22.49 | 22.82 | 22.08 |
| | | 12 | 0 | **23.00** | 21.75 | 22.14 | 21.82 |
| | | 12 | 6 | **23.00** | 22.00 | 22.40 | 21.91 |
| | | 12 | 11 | **23.00** | 21.92 | 22.28 | 21.84 |
| | | 25 | 0 | **23.00** | 21.75 | 22.11 | 21.46 |
| **Bandwidth** | Modulation | RB size | RB offset | Tune-up | Low | Mid | High |
| | | | | | 20800 | 21100 | 21400 |
| 10MHz | QPSK | 1 | 0 | **24.00** | 22.62 | 23.22 | 22.78 |
| | | 1 | 25 | **24.00** | 23.35 | 23.65 | 23.29 |
| | | 1 | 49 | **24.00** | 23.09 | 23.18 | 22.53 |
| | | 25 | 0 | **23.00** | 22.01 | 22.43 | 22.15 |
| | | 25 | 13 | **23.00** | 22.23 | 22.54 | 22.22 |
| | | 25 | 25 | **23.00** | 22.20 | 22.37 | 22.06 |
| | | 50 | 0 | **23.00** | 22.26 | 22.37 | 22.14 |
| | 16QAM | 1 | 0 | **24.00** | 22.58 | 23.04 | 22.63 |
| | | 1 | 25 | **24.00** | 23.30 | 23.51 | 23.05 |
| | | 1 | 49 | **24.00** | 23.11 | 23.04 | 22.30 |
| | | 25 | 0 | **23.00** | 21.57 | 22.00 | 21.82 |
| | | 25 | 13 | **23.00** | 21.82 | 22.13 | 21.89 |
| | | 25 | 25 | **23.00** | 21.78 | 21.96 | 21.79 |
| | | 50 | 0 | **23.00** | 21.80 | 21.98 | 21.75 |

| Bandwidth | Modulation | RB size | RB offset | Tune-up | Low | Mid | High |
|---|---|---|---|---|---|---|---|
| | | | | | 20825 | 21100 | 21375 |
| 15MHz | QPSK | 1 | 0 | **24.00** | 23.12 | 23.36 | 23.28 |
| | | 1 | 38 | **24.00** | 23.45 | 23.51 | 23.23 |
| | | 1 | 74 | **24.00** | 23.02 | 22.92 | 23.37 |
| | | 36 | 0 | **23.00** | 22.44 | 22.57 | 22.21 |
| | | 36 | 18 | **23.00** | 22.51 | 22.67 | 22.33 |
| | | 36 | 39 | **23.00** | 22.4 | 22.51 | 22.13 |
| | | 75 | 0 | **23.00** | 22.53 | 22.45 | 22.52 |
| | 16QAM | 1 | 0 | **24.00** | 22.8 | 22.04 | 22.93 |
| | | 1 | 38 | **24.00** | 23.19 | 23.14 | 22.97 |
| | | 1 | 74 | **24.00** | 22.76 | 22.56 | 22.18 |
| | | 36 | 0 | **23.00** | 22.01 | 22.18 | 21.93 |
| | | 36 | 18 | **23.00** | 22.09 | 22.23 | 21,99 |
| | | 36 | 39 | **23.00** | 21.98 | 22.05 | 21.81 |
| | | 75 | 0 | **23.00** | 22.12 | 22.04 | 22.14 |
| **Bandwidth** | Modulation | RB size | RB offset | Tune-up | Low | Mid | High |
| | | | | | 20850 | 21100 | 21350 |
| 20MHz | QPSK | 1 | 0 | **24.00** | 22.72 | 23.07 | 22.69 |
| | | 1 | 50 | **24.00** | 22.67 | 22.85 | 22.75 |
| | | 1 | 99 | **24.00** | 22.68 | 22.28 | 22.07 |
| | | 50 | 0 | **23.00** | 21.86 | 22.05 | 22.02 |
| | | 50 | 25 | **23.00** | 21.67 | 21.95 | 21.96 |
| | | 50 | 50 | **23.00** | 21.88 | 21.93 | 21.65 |
| | | 100 | 0 | **23.00** | 21.92 | 21.98 | 22.03 |
| | 16QAM | 1 | 0 | **23.00** | 22.52 | 22.82 | 22.65 |
| | | 1 | 50 | **23.00** | 22.53 | 22.75 | 22.67 |
| | | 1 | 99 | **23.00** | 22.57 | 22.25 | 21.84 |
| | | 50 | 0 | **23.00** | 21.41 | 21.65 | 21.63 |
| | | 50 | 25 | **23.00** | 21.03 | 21.53 | 21.62 |
| | | 50 | 50 | **23.00** | 21.18 | 21.52 | 21.36 |
| | | 100 | 0 | **23.00** | 21.48 | 21.59 | 21.60 |

### 8.1.10CONDUCTED POWER MEASUREMENTS OF LTE Band 26

| Bandwidth | Modulation | RB size | RB offset | Tune-up | Low | Mid | High |
|---|---|---|---|---|---|---|---|
| | | | | | 26697 | 26865 | 27033 |
| 1.4MHz | QPSK | 1 | 0 | **23.00** | 22.34 | 22.86 | 21.97 |
| | | 1 | 2 | **23.00** | 22.60 | 22.99 | 21.82 |
| | | 1 | 5 | **23.00** | 22.60 | 22.89 | 21.47 |
| | | 3 | 0 | **23.00** | 22.54 | 22.95 | 21.76 |
| | | 3 | 1 | **23.00** | 22.62 | 22.99 | 21.73 |
| | | 3 | 2 | **23.00** | 22.66 | 22.98 | 21.66 |
| | | 6 | 0 | **22.00** | 21.70 | 22.05 | 20.75 |
| | 16QAM | 1 | 0 | **22.50** | 21.50 | 22.09 | 20.75 |
| | | 1 | 2 | **22.50** | 21.67 | 22.32 | 20.72 |
| | | 1 | 5 | **22.50** | 21.68 | 22.15 | 20.56 |
| | | 3 | 0 | **22.50** | 21.71 | 22.08 | 20.97 |
| | | 3 | 1 | **22.50** | 21.74 | 22.13 | 20.80 |
| | | 3 | 2 | **22.50** | 21.83 | 22.15 | 20.72 |
| | | 6 | 0 | **21.50** | 20.87 | 21,08 | 19.93 |
| **Bandwidth** | Modulation | RB size | RB offset | Tune-up | Low | Mid | High |
| | | | | | 26705 | 26865 | 27025 |
| 3MHz | QPSK | 1 | 0 | **23.00** | 22.04 | 22.04 | 22.70 |
| | | 1 | 7 | **23.00** | 21.51 | 23.00 | 22.53 |
| | | 1 | 14 | **23.00** | 21.17 | 22.89 | 21.33 |
| | | 8 | 0 | **22.50** | 20.96 | 21.90 | 21.92 |
| | | 8 | 4 | **22.50** | 20.76 | 22.07 | 21.52 |
| | | 8 | 7 | **22.50** | 20.52 | 22.13 | 20.88 |
| | | 15 | 0 | **22.50** | 20.75 | 22.03 | 21.48 |
| | 16QAM | 1 | 0 | **22.50** | 21.55 | 20.99 | 22.03 |
| | | 1 | 7 | **22.50** | 20.95 | 22.29 | 21.83 |
| | | 1 | 14 | **22.50** | 20.61 | 22.03 | 20.70 |
| | | 8 | 0 | **21.50** | 19.73 | 21.02 | 21.02 |
| | | 8 | 4 | **21.50** | 19.53 | 21.17 | 20.63 |
| | | 8 | 7 | **21.50** | 19.51 | 21.24 | 20.02 |
| | | 15 | 0 | **21.50** | 19.59 | 21.01 | 20.54 |

| Bandwidth | Modulation | RB size | RB offset | Tune-up | Low | Mid | High |
|---|---|---|---|---|---|---|---|
| | | | | | 26715 | 26865 | 27015 |
| 5MHz | QPSK | 1 | 0 | **23.00** | 22.14 | 22.41 | 22.45 |
| | | 1 | 13 | **23.00** | 22.85 | 22.99 | 22.03 |
| | | 1 | 24 | **23.00** | 22.40 | 22.43 | 21.07 |
| | | 12 | 0 | **23.00** | 21.68 | 21.91 | 21.77 |
| | | 12 | 6 | **23.00** | 21.91 | 22.12 | 22.09 |
| | | 12 | 11 | **23.00** | 21.94 | 22.06 | 21.58 |
| | | 25 | 0 | **23.00** | 21.73 | 22.03 | 21.58 |
| | 16QAM | 1 | 0 | **23.00** | 22.15 | 21.83 | 21.65 |
| | | 1 | 13 | **23.00** | 22.85 | 22.41 | 22.27 |
| | | 1 | 24 | **23.00** | 22.43 | 21.87 | 21.07 |
| | | 12 | 0 | **22.00** | 21.71 | 20.88 | 20.91 |
| | | 12 | 6 | **22.00** | 21.92 | 21.11 | 21.21 |
| | | 12 | 11 | **22.00** | 21.94 | 21.07 | 20.71 |
| | | 25 | 0 | **22.00** | 21.72 | 21.06 | 20.62 |
| **Bandwidth** | Modulation | RB size | RB offset | Tune-up | Low | Mid | High |
| | | | | | 26740 | 26865 | 26990 |
| 10MHz | QPSK | 1 | 0 | **24.00** | 22.87 | 23.16 | 23.23 |
| | | 1 | 25 | **24.00** | 23.68 | 23.57 | 23.60 |
| | | 1 | 49 | **24.00** | 23.34 | 23.34 | 22.03 |
| | | 25 | 0 | **23.00** | 22.18 | 22.41 | 22.18 |
| | | 25 | 13 | **23.00** | 22.43 | 22.60 | 22.37 |
| | | 25 | 25 | **23.00** | 22.31 | 22.43 | 22.06 |
| | | 50 | 0 | **23.00** | 22.25 | 22.34 | 22.14 |
| | 16QAM | 1 | 0 | **24.00** | 22.12 | 22.60 | 22.51 |
| | | 1 | 25 | **24.00** | 22.94 | 22.89 | 23.61 |
| | | 1 | 49 | **24.00** | 22.67 | 22.70 | 22.05 |
| | | 25 | 0 | **23.00** | 21.28 | 21.44 | 22.17 |
| | | 25 | 13 | **23.00** | 21.54 | 21.65 | 22.37 |
| | | 25 | 25 | **23.00** | 21.41 | 21.48 | 22.04 |
| | | 50 | 0 | **23.00** | 21.26 | 21.35 | 22.13 |

| Bandwidth | Modulation | RB size | RB offset | Tune-up | Low | Mid | High |
|---|---|---|---|---|---|---|---|
| | | | | | 26765 | 26865 | 26965 |
| 15MHz | QPSK | 1 | 0 | **23.50** | 22.69 | 23.05 | 23.17 |
| | | 1 | 38 | **23.50** | 23.00 | 22.95 | 23.07 |
| | | 1 | 74 | **23.50** | 22.61 | 22.62 | 21.64 |
| | | 36 | 0 | **23.00** | 21.89 | 21.99 | 21.95 |
| | | 36 | 18 | **23.00** | 22.07 | 21.96 | 21.96 |
| | | 36 | 39 | **23.00** | 21.77 | 21.95 | 21.75 |
| | | 75 | 0 | **23.00** | 21.92 | 21.88 | 21.83 |
| | 16QAM | 1 | 0 | **22.50** | 22.02 | 22.32 | 22.35 |
| | | 1 | 38 | **22.50** | 22.30 | 22.18 | 22.23 |
| | | 1 | 74 | **22.50** | 21.95 | 21.95 | 20.67 |
| | | 36 | 0 | **22.00** | 20.99 | 20.03 | 21.11 |
| | | 36 | 18 | **22.00** | 21.14 | 20.97 | 21.00 |
| | | 36 | 39 | **22.00** | 20.84 | 21.02 | 20.79 |
| | | 75 | 0 | **22.00** | 20.96 | 20.88 | 20.88 |

### 8.1.11 CONDUCTED POWER MEASUREMENTS OF WiFi 2.4G

| WiFi 2.4G | Frequency (MHz) | Tune-up | Average Power (dBm) for Data Rates (Mbps) | | | |
|---|---|---|---|---|---|---|
| | | | 1 | 2 | 5.5 | 11 |
| 802.11b | 2412 | 18.00 | 16.49 | 16.41 | 16.68 | 16.31 |
| | 2437 | 18.00 | 17.41 | 17.32 | 17.52 | 17.30 |
| | 2462 | 18.00 | 17.76 | 17.71 | 17.91 | 17.65 |

| WiFi 2.4G | Frequency (MHz) | Tune-up | Average Power (dBm) for Data Rates (Mbps) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | 6 | 9 | 12 | 18 | 24 | 36 | 48 | 54 |
| 802.11g | 2412 | 19.00 | 16.92 | 16.82 | 16.49 | 16.41 | 16.18 | 15.87 | 15.72 | 15.56 |
| | 2437 | 19.00 | 17.54 | 17.48 | 17.37 | 17.26 | 17.39 | 17.14 | 16.97 | 16.77 |
| | 2462 | 19.00 | 17.81 | 17.75 | 17.7 | 17.66 | 17.46 | 17.15 | 17.01 | 16.76 |

| WiFi 2.4G | Frequency (MHz) | Tune-up | Average Power (dBm) for Data Rates (Mbps) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | MCS0 | MCS1 | MCS2 | MCS3 | MCS4 | MCS5 | MCS6 | MCS7 |
| 802.11n HT20 | 2412 | 16.00 | 14.66 | 14.47 | 14.37 | 14.23 | 14.96 | 14.79 | 14.63 | 14.56 |
| | 2437 | 16.00 | 15.58 | 15.45 | 15.43 | 15.35 | 14.90 | 14.68 | 14.60 | 14.48 |
| | 2462 | 16.00 | 15.72 | 15.60 | 15.38 | 15.27 | 15.00 | 14.79 | 14.71 | 14.57 |

| WiFi 2.4G | Frequency (MHz) | Tune-up | Average Power (dBm) for Data Rates (Mbps) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | MCS0 | MCS1 | MCS2 | MCS3 | MCS4 | MCS5 | MCS6 | MCS7 |
| 802.11n HT40 | 2422 | 16.00 | 15.22 | 14.93 | 14.65 | 14.43 | 14.04 | 14.66 | 14.53 | 14.47 |
| | 2437 | 16.00 | 15.68 | 15.33 | 15.06 | 14.88 | 14.35 | 14.95 | 14.89 | 14.70 |
| | 2452 | 16.00 | 15.76 | 15.47 | 15.18 | 14.96 | 14.52 | 14.15 | 14.97 | 14.84 |

Note:

1) The Average conducted power of WiFi is measured with RMS detector.

2) Per KDB248227, for WiFi 2.4GHz, highest average RF output power channel for the lowest data rate of 802.11b mode was selected for SAR evaluation. SAR test at higher data rates and higher order modulations (including 802.11g/n) were not required since the maximum average output power for each of these configurations is not more than 1/4dB higher than the tested channel for the lowest data rate of 802.11b mode.

### 8.1.12 CONDUCTED POWER MEASUREMENTS OF WiFi 5G

| WiFi 5G | Frequency (MHz) | Tune-up | Average Power (dBm) for Data Rates (Mbps) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | **6** | **9** | **12** | **18** | **24** | **36** | **48** | **54** |
| 802.11a | **5180** | 11.00 | 10.71 | 10.65 | 10.58 | 10.44 | 10.37 | 10.25 | 10.23 | 10.17 |
| | **5200** | 11.00 | **10.82** | 10.75 | 10.63 | 10.57 | 10.54 | 10.43 | 10.33 | 10.28 |
| | **5220** | 11.00 | 10.73 | 10.64 | 10.56 | 10.54 | 10.43 | 10.42 | 10.34 | 10.24 |
| | **5240** | 11.00 | 10.76 | 10.67 | 10.65 | 10.59 | 10.55 | 10.46 | 10.36 | 10.29 |
| | **5260** | 11.00 | 10.62 | 10.56 | 10.45 | 10.43 | 10.35 | 10.32 | 10.31 | 10.16 |
| | **5280** | 11.00 | 10.57 | 10.55 | 10.53 | 10.45 | 10.35 | 10.33 | 10.22 | 10.19 |
| | **5300** | 11.00 | 10.68 | 10.61 | 10.58 | 10.47 | 10.44 | 10.35 | 10.24 | 10.18 |
| | **5320** | 11.00 | **10.69** | 10.57 | 10.54 | 10.45 | 10.38 | 10.35 | 10.26 | 10.17 |
| | **5500** | 11.00 | **10.43** | 10.42 | 10.39 | 10.36 | 10.34 | 10.27 | 10.26 | 10.18 |
| | **5520** | 11.00 | 10.38 | 10.35 | 10.31 | 10.28 | 10.26 | 10.22 | 10.19 | 10.15 |
| | **5540** | 11.00 | 10.32 | 10.25 | 10.23 | 10.21 | 10.17 | 10.15 | 10.14 | 10.05 |
| | **5560** | 11.00 | 10.21 | 10.19 | 10.15 | 10.13 | 10.11 | 10.08 | 10.07 | 10.03 |
| | **5580** | 11.00 | 10.37 | 10.34 | 10.32 | 10.28 | 10.19 | 10.13 | 10.09 | 10.05 |
| | **5600** | 11.00 | 10.32 | 10.30 | 10.28 | 10.23 | 10.16 | 10.12 | 10.09 | 10.05 |
| | **5620** | 11.00 | 10.31 | 10.29 | 10.26 | 10.22 | 10.19 | 10.16 | 10.08 | 10.05 |
| | **5640** | 11.00 | 10.28 | 10.25 | 10.23 | 10.20 | 10.22 | 10.24 | 10.15 | 10.12 |
| | **5660** | 11.00 | 10.22 | 10.23 | 10.19 | 10.17 | 10.13 | 10.11 | 10.08 | 10.06 |
| | **5680** | 11.00 | 10.33 | 10.34 | 10.22 | 10.19 | 10.17 | 10.15 | 10.09 | 10.06 |
| | **5700** | 11.00 | 10.31 | 10.27 | 10.26 | 10.22 | 10.28 | 10.19 | 10.12 | 10.05 |
| | **5745** | 11.00 | 10.30 | 10.25 | 10.21 | 10.19 | 10.18 | 10.12 | 10.07 | 10.02 |
| | **5785** | 11.00 | 10.38 | 10.34 | 10.31 | 10.28 | 10.23 | 10.19 | 10.12 | 10.06 |
| | **5825** | 11.00 | 10.39 | 10.29 | 10.28 | 10.26 | 10.22 | 10.18 | 10.16 | 10.14 |

| WiFi 5G | Frequency (MHz) | Tune-up | Average Power (dBm) for Data Rates (Mbps) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | MCS0 | MCS1 | MCS2 | MCS3 | MCS4 | MCS5 | MCS6 | MCS7 |
| 802.11 N20 | **5180** | 11.00 | 10.67 | 10.62 | 10.55 | 10.53 | 10.46 | 10.39 | 10.37 | 10.26 |
| | **5200** | 11.00 | 10.62 | 10.54 | 10.52 | 10.46 | 10.43 | 10.38 | 10.35 | 10.24 |
| | **5220** | 11.00 | 10.48 | 10.44 | 10.39 | 10.38 | 10.27 | 10.24 | 10.17 | 10.05 |
| | **5240** | 11.00 | 10.26 | 10.24 | 10.21 | 10.19 | 10.16 | 10.13 | 10.10 | 10.07 |
| | **5260** | 11.00 | 10.28 | 10.25 | 10.22 | 10.18 | 10.14 | 10.12 | 10.08 | 10.02 |
| | **5280** | 11.00 | 10.32 | 10.29 | 10.25 | 10.21 | 10.18 | 10.16 | 10.12 | 10.09 |
| | **5300** | 11.00 | 10.58 | 10.47 | 10.34 | 10.32 | 10.29 | 10.24 | 10.22 | 10.12 |
| | **5320** | 11.00 | 10.43 | 10.36 | 10.28 | 10.24 | 10.21 | 10.17 | 10.13 | 10.08 |
| | **5500** | 11.00 | 10.41 | 10.37 | 10.34 | 10.28 | 10.22 | 10.14 | 10.11 | 10.03 |
| | **5520** | 11.00 | 10.19 | 10.15 | 10.12 | 10.08 | 10.05 | 10.03 | 10.07 | 10.03 |
| | **5540** | 11.00 | 10.28 | 10.25 | 10.21 | 10.17 | 10.13 | 10.09 | 10.04 | 10.01 |
| | **5560** | 11.00 | 10.18 | 10.12 | 10.13 | 10.08 | 10.11 | 10.06 | 10.04 | 10.00 |
| | **5580** | 11.00 | 10.30 | 10.28 | 10.27 | 10.24 | 10.18 | 10.12 | 10.06 | 10.03 |
| | **5600** | 11.00 | 10.13 | 10.15 | 10.12 | 10.17 | 10.09 | 10.08 | 10.04 | 10.02 |
| | **5620** | 11.00 | 10.21 | 10.22 | 10.18 | 10.17 | 10.13 | 10.14 | 10.06 | 10.05 |
| | **5640** | 11.00 | 10.26 | 10.23 | 10.24 | 10.23 | 10.17 | 10.14 | 10.13 | 10.07 |
| | **5660** | 11.00 | 10.20 | 10.25 | 10.21 | 10.17 | 10.12 | 10.08 | 10.07 | 10.04 |
| | **5680** | 11.00 | 10.25 | 10.23 | 10.18 | 10.15 | 10.12 | 10.06 | 10.03 | 10.02 |
| | **5700** | 11.00 | 10.21 | 10.24 | 10.22 | 10.16 | 10.13 | 10.17 | 10.08 | 10.06 |
| | **5745** | 11.00 | 10.29 | 10.24 | 10.28 | 10.23 | 10.22 | 10.19 | 10.12 | 10.06 |
| | **5785** | 11.00 | 10.31 | 10.28 | 10.24 | 10.26 | 10.23 | 10.16 | 10.09 | 10.04 |
| | **5825** | 11.00 | 10.36 | 10.32 | 10.26 | 10.22 | 10.12 | 10.14 | 10.08 | 10.06 |

| WiFi 5G | Frequency (MHz) | Tune-up | Average Power (dBm) for Data Rates (Mbps) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | MCS0 | MCS1 | MCS2 | MCS3 | MCS4 | MCS5 | MCS6 | MCS7 |
| 802.11 N40 | **5190** | 11.00 | 10.29 | 10.25 | 10.19 | 10.15 | 10.13 | 10.11 | 10.08 | 10.07 |
| | **5230** | 11.00 | 10.28 | 10.24 | 10.23 | 10.21 | 10.14 | 10.11 | 10.06 | 10.04 |
| | **5270** | 11.00 | 10.02 | 9.98 | 9.76 | 9.69 | 9.57 | 9.46 | 9.35 | 9.28 |
| | **5310** | 11.00 | 10.15 | 10.04 | 9.89 | 9.72 | 9.66 | 9.52 | 9.46 | 9.38 |
| | **5510** | 11.00 | 10.51 | 10.38 | 10.23 | 10.19 | 10.01 | 9.83 | 9.76 | 9.59 |
| | **5550** | 11.00 | 10.29 | 10.12 | 10.01 | 9.84 | 9.76 | 9.63 | 9.52 | 9.41 |
| | **5590** | 11.00 | 10.13 | 10.03 | 9.98 | 9.82 | 9.71 | 9.68 | 9.52 | 9.38 |
| | **5630** | 11.00 | 10.01 | 9.87 | 9.63 | 9.51 | 9.38 | 9.23 | 9.15 | 9.01 |
| | **5670** | 11.00 | 9.57 | 9.36 | 9.21 | 9.16 | 9.01 | 8.97 | 8.76 | 8.59 |
| | **5755** | 11.00 | 10.29 | 10.27 | 10.21 | 10.17 | 10.15 | 10.12 | 10.09 | 10.02 |
| | **5795** | 11.00 | 10.30 | 10.17 | 10.02 | 9.92 | 9.83 | 9.71 | 9.66 | 9.53 |

| WiFi 5G | Frequency (MHz) | Tune-up | Average Power (dBm) for Data Rates (Mbps) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | MCS0 | MCS1 | MCS2 | MCS3 | MCS4 | MCS5 | MCS6 | MCS7 |
| 802.11 AC20 | **5180** | 11.00 | 10.60 | 10.56 | 10.52 | 10.47 | 10.42 | 10.35 | 10.31 | 10.21 |
| | **5200** | 11.00 | 10.61 | 10.57 | 10.54 | 10.43 | 10.41 | 10.35 | 10.32 | 10.27 |
| | **5220** | 11.00 | 10.68 | 10.63 | 10.56 | 10.47 | 10.42 | 10.37 | 10.32 | 10.24 |
| | **5240** | 11.00 | 10.58 | 10.55 | 10.46 | 10.43 | 10.39 | 10.35 | 10.27 | 10.23 |
| | **5260** | 11.00 | 10.51 | 10.45 | 10.34 | 10.31 | 10.23 | 10.19 | 10.12 | 10.03 |
| | **5280** | 11.00 | 10.32 | 10.28 | 10.23 | 10.18 | 10.13 | 10.08 | 10.02 | 9.97 |
| | **5300** | 11.00 | 10.60 | 10.54 | 10.43 | 10.35 | 10.32 | 10.26 | 10.21 | 10.13 |
| | **5320** | 11.00 | 10.38 | 10.34 | 10.25 | 10.21 | 10.14 | 10.12 | 10.04 | 9.93 |
| | **5500** | 11.00 | 10.39 | 10.34 | 10.29 | 10.22 | 10.18 | 10.14 | 10.07 | 10.02 |
| | **5520** | 11.00 | 10.27 | 10.24 | 10.21 | 10.16 | 10.13 | 10.06 | 10.02 | 9.94 |
| | **5540** | 11.00 | 10.32 | 10.28 | 10.25 | 10.21 | 10.18 | 10.14 | 10.11 | 10.04 |
| | **5560** | 11.00 | 10.35 | 10.32 | 10.25 | 10.21 | 10.15 | 10.12 | 10.06 | 10.02 |
| | **5580** | 11.00 | 10.16 | 10.12 | 10.08 | 10.05 | 10.02 | 10.00 | 9.96 | 9.93 |
| | **5600** | 11.00 | 10.21 | 10.18 | 10.15 | 10.12 | 10.09 | 10.05 | 10.01 | 9.92 |
| | **5620** | 11.00 | 10.25 | 10.22 | 10.19 | 10.15 | 10.11 | 10.06 | 10.03 | 10.00 |
| | **5640** | 11.00 | 10.18 | 10.15 | 10.11 | 10.08 | 10.04 | 10.01 | 9.97 | 9.93 |
| | **5660** | 11.00 | 10.12 | 10.10 | 10.06 | 10.02 | 10.01 | 9.98 | 9.96 | 9.93 |
| | **5680** | 11.00 | 10.23 | 10.21 | 10.19 | 10.15 | 10.12 | 10.07 | 10.04 | 10.02 |
| | **5700** | 11.00 | 10.00 | 10.08 | 10.04 | 10.02 | 9.97 | 9.94 | 9.93 | 9.91 |
| | **5745** | 11.00 | 10.32 | 10.31 | 10.28 | 10.25 | 10.23 | 10.21 | 10.18 | 10.12 |
| | **5785** | 11.00 | 10.13 | 10.11 | 10.08 | 10.04 | 10.01 | 9.97 | 9.94 | 9.92 |
| | **5825** | 11.00 | 10.19 | 10.15 | 10.12 | 10.07 | 10.05 | 10.03 | 10.01 | 9.98 |

| WiFi 5G | Frequency (MHz) | Tune-up | Average Power (dBm) for Data Rates (Mbps) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | MCS0 | MCS1 | MCS2 | MCS3 | MCS4 | MCS5 | MCS6 | MCS7 |
| 802.11 AC40 | **5190** | 11.00 | 10.35 | 10.32 | 10.28 | 10.25 | 10.20 | 10.16 | 10.12 | 10.06 |
| | **5230** | 11.00 | 10.54 | 10.38 | 10.21 | 10.16 | 10.02 | 9.88 | 9.76 | 9.63 |
| | **5270** | 11.00 | 10.05 | 9.89 | 9.60 | 9.45 | 9.32 | 9.27 | 9.15 | 9.08 |
| | **5310** | 11.00 | 10.18 | 10.03 | 9.93 | 9.86 | 9.63 | 9.49 | 9.32 | 9.20 |
| | **5510** | 11.00 | 10.28 | 10.11 | 10.02 | 9.86 | 9.63 | 9.37 | 9.21 | 9.03 |
| | **5550** | 11.00 | 10.33 | 10.21 | 10.14 | 10.01 | 9.88 | 9.64 | 9.52 | 9.39 |
| | **5590** | 11.00 | 10.30 | 10.18 | 10.03 | 9.93 | 9.79 | 9.64 | 9.52 | 9.39 |
| | **5630** | 11.00 | 10.15 | 10.02 | 9.93 | 9.59 | 9.35 | 9.27 | 9.16 | 9.03 |
| | **5670** | 11.00 | 9.71 | 9.58 | 9.39 | 9.23 | 9.16 | 9.05 | 8.97 | 8.79 |
| | **5755** | 11.00 | 10.22 | 10.12 | 10.01 | 9.79 | 9.65 | 9.38 | 9.20 | 9.19 |
| | **5795** | 11.00 | 10.25 | 10.13 | 10.01 | 9.88 | 9.63 | 9.51 | 9.38 | 9.22 |

| WiFi 5G | Frequency (MHz) | Tune-up | Average Power (dBm) for Data Rates (Mbps) | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | MCS0 | MCS1 | MCS2 | MCS3 | MCS4 | MCS5 | MCS6 | MCS7 |
| 802.11 AC80 | **5210** | 11.00 | 9.64 | 9.56 | 9.53 | 9.43 | 9.47 | 9.36 | 9.34 | 9.32 |
| | **5290** | 11.00 | 9.74 | 9.72 | 9.67 | 9.63 | 9.57 | 9.55 | 9.43 | 9.41 |
| | **5530** | 11.00 | 9.98 | 9.89 | 9.85 | 9.82 | 9.76 | 9.74 | 9.72 | 9.67 |
| | **5610** | 11.00 | 10.12 | 10.07 | 10.03 | 10.01 | 9.98 | 9.84 | 9.83 | 9.78 |
| | **5775** | 11.00 | 10.25 | 10.23 | 10.18 | 10.15 | 10.12 | 10.04 | 10.02 | 9.93 |

### 8.1.13 CONDUCTED POWER MEASUREMENTS OF BT

| BT 2450 MHz | Average Conducted Power (dBm) | | | Tune Up |
|---|---|---|---|---|
| | CH0 | CH39 | CH78 | |
| DH5 | 4.1 | 4.58 | 2.42 | 6 |
| 2DH5 | 2.65 | 2.82 | 0.5 | 6 |
| 3DH5 | 3.09 | 3.32 | 1.06 | 6 |

| BT 2450 MHz | Average Conducted Power (dBm) | | | Tune Up |
|---|---|---|---|---|
| | CH0 | CH19 | CH39 | |
| BT (4.0) | 5.28 | 5.92 | 3.31 | 6 |

Note:
1) The conducted power of BT is measured with RMS detector.

## 8.2SAR TEST RESULTS

**General Notes:**

1) Per KDB447498 D01v05r02, all measurement SAR results are scaled to the maximum tune-up tolerance limit to demonstrate compliant.

2) Per KDB447498 D01v05r02, testing of other required channels within the operating mode of a frequency band is not required when the reported 1-g or 10-g SAR for the mid-band or highest output power channel is:≤0.8 W/kg or 2.0 W/kg, for 1-g or 10-g respectively, when the transmission band is≤100 MHz. When the maximum output power variation across the required test channels is > ½ dB, instead of the middle channel, the highest output power channel must be used.

3) Per KDB865664 D01v01r03,for each frequency band, repeated SAR measurement is required only when the measured SAR is ≥0.8W/Kg; if the deviation among the repeated measurement is ≤20%,and the measured SAR <1.45W/Kg, only one repeated measurement is required.

4) Per KDB648474 D04v01r02, SAR is evaluated without a headset connected to the device. When the standalone reported Body SAR is ≤1.2 W/kg, no additional SAR evaluations using a headset are required.

5) Per KDB865664 D02v01r01, SAR plot is only required for the highest measured SAR in each exposure configuration, wireless mode and frequency band combination; Plots are also required when the measured SAR is > 1.5 W/kg, or > 7.0 W/kg for occupational exposure. The published RF exposure KDB procedures may require additional plots; for example, to support SAR to peak location separation ratio test exclusion and/or volume scan post-processing.

**GSM Notes:**

1) Per KDB648474 D04v01r02, Body accessory testing is typically associated with voice operations. Therefore, GSM voice was evaluated for Body SAR.

2) Per KDB941225 D01v03, SAR test reduction for GPRS and EDGE modes is determined by the source-based time-averaged output power specified for production units, including tune-up tolerance. The data mode with highest specified time-averaged output power should be tested for SAR compliance in the applicable exposure conditions. For modes with the same specified maximum output power and tolerance, the higher number time-slot configuration should be tested.

**UMTS Notes:**

Per KDB941225 D01v03, When the maximum output power and tune-up tolerance specified for production units in a secondary mode is ≤¼ dB higher than the primary mode or when the highest reported SAR of the primary mode is scaled by the ratio of specified maximum output power and tune-up tolerance of secondary to primary mode and the adjusted SAR is ≤ 1.2 W/kg, SAR measurement is not required for the secondary mode.

**WLAN Notes:**

Per KDB248227D01v01r02 and October 2012/April 2013 FCC/TCB workshop meeting notes:

1) For WiFi 2.4GHz, highest average RF output power channel for the lowest data rate of 802.11b mode was selected for SAR evaluation. SAR test at higher data rates and higher order modulations (including 802.11g/n) were not required since the maximum average output power for each of these configurations is not more than 1/4dB higher than the tested channel for the lowest data rate of 802.11b mode.

2)For 5GHz, SAR is not required for 802.11n(20M)/ n(40M)/ ac(80M), due to the maximum average output power is less than 1/4dB higher than that measured on the corresponding 802.11a channels.

## 8.2.1SAR MEASUREMENT RESULT OF GSM850

| Body SAR test results of GSM850 Distance=0mm | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Mode | Test Position | CH | Freq. | Drift (dB) | Power(dBm) | | SAR Value (W/kg)1-g | Reported SAR | Graph Results |
| | | | | | Tune up | Conducted | | | |
| GPRS 2TX | 2 Back | 190 | 836.6 | 0.03 | 31.5 | 30.72 | 0.933 | 1.117 | 2 |
| GPRS 2TX | 2 Back | 251 | 848.6 | 0.08 | 31.5 | 30.60 | 0.904 | 1.112 | 3 |
| GPRS 2TX | 2 Back | 128 | 824.2 | 0.04 | 31.5 | 30.78 | 0.917 | 1.082 | 4 |
| GPRS 2TX | 3 Left | 190 | 836.6 | 0.06 | 31.5 | 30.72 | 0.026 | 0.031 | 5 |
| GPRS 2TX | 4 Right | 190 | 836.6 | 0.02 | 31.5 | 30.72 | 0.279 | 0.334 | 6 |
| GPRS 2TX | 6 Bottom | 190 | 836.6 | -0.02 | 31.5 | 30.72 | 0.312 | 0.373 | 7 |
| Repeat SAR Test at worst position | | | | | | | | | |
| GPRS 2TX | 2 Back | 190 | 836.6 | 0.07 | 31.5 | 30.72 | 0.927 | 1.109 | 1 |

### 8.2.2SAR MEASUREMENT RESULT OF GSM1900

| Body SAR test results of GSM1900 Distance=0mm | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Mode | Test Position | CH | Freq. | Drift (dB) | Power(dBm) | | SAR Value (W/kg)1-g | Reported SAR | Graph Results |
| | | | | | Tune up | Conducted | | | |
| GPRS 2TX | 2 Back | 661 | 1880 | 0 | 28.5 | 27.71 | 1.06 | 1.271 | 9 |
| GPRS 2TX | 2 Back | 810 | 1909.8 | 0 | 28.5 | 27.40 | 1.08 | 1.391 | 10 |
| GPRS 2TX | 2 Back | 512 | 1850.2 | 0.01 | 28.5 | 27.77 | 0.858 | 1.015 | 11 |
| GPRS 2TX | 2 Left | 661 | 1880 | 0.05 | 28.5 | 27.71 | 0.197 | 0.236 | 13 |
| GPRS 2TX | 6 Bottom | 661 | 1880 | 0.01 | 28.5 | 27.71 | 0.353 | 0.423 | 14 |
| Worse condition with Earphone | | | | | | | | | |
| GSM | 2 Back | 810 | 1909.8 | 0.03 | 28.5 | 27.40 | 1.02 | 1.314 | 12 |
| Repeat SAR Test at worst position | | | | | | | | | |
| GPRS 2TX | 2 Back | 810 | 1909.8 | 0 | 28.5 | 27.40 | 0.98 | 1.262 | 8 |

Note: 1) When the original highest measured SAR is ≥ 0.80 W/kg， the measurement was repeat once.

2) A second measurement was performed only if the ratio of largest to smallest SAR for the original and first repeated measurement was >1.20 or when the original or repeated measurement was ≥ 1.45 W/kg.

3) Perform a third repeated measurement only if the original, first or second repeated measurement is ⩾1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20.

### 8.2.3SAR MEASUREMENT RESULT OF UMTS Band 2

| Body SAR test results of UMTS Band 2 Distance=0mm | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Mode | Test Position | CH | Freq. | Drift (dB) | Power(dBm) | | SAR Value (W/kg)1-g | Reported SAR | Graph Results |
| | | | | | Tune up | Conducted | | | |
| RMC12.2 Kbps | 2 Back | 9400 | 1880 | 0 | 24 | 23.38 | 1.03 | 1.188 | 16 |
| RMC12.2 Kbps | 2 Back | 9538 | 1907.6 | 0 | 24 | 23.4 | 0.775 | 0.890 | 17 |
| RMC12.2 Kbps | 2 Back | 9262 | 1852.4 | 0.01 | 24 | 23.27 | 1.07 | 1.266 | 18 |
| RMC12.2 Kbps | 3 Left | 9400 | 1880 | 0.04 | 24 | 23.38 | 0.023 | 0.027 | 20 |
| RMC12.2 Kbps | 6 Bottom | 9400 | 1880 | 0.03 | 24 | 23.38 | 0.18 | 0.208 | 21 |
| Worse condition with Earphone | | | | | | | | | |
| RMC12.2 Kbps | 2 Back | 9262 | 1852.4 | 0.02 | 24 | 23.27 | 1.03 | 1.219 | 19 |
| Repeat SAR Test at worst position | | | | | | | | | |
| RMC12.2 Kbps | 2 Back | 9262 | 1852.4 | 0 | 24 | 23.27 | 0.987 | 1.168 | 15 |

Note: 1) When the original highest measured SAR is ≥ 0.80 W/kg， the measurement was repeat once.

2) A second measurement was performed only if the ratio of largest to smallest SAR for the original and first repeated measurement was >1.20 or when the original or repeated measurement was ≥ 1.45 W/kg.

3) Perform a third repeated measurement only if the original, first or second repeated measurement is ⩾1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20.

## 8.2.4SAR MEASUREMENT RESULT OF UMTS Band 4

| Body SAR test results of UMTS Band 4 Distance=0mm | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Mode | Test Position | CH | Freq. | Drift (dB) | Power(dBm) | | SAR Value (W/kg)1-g | Reported SAR | Graph Results |
| | | | | | Tune up | Conducted | | | |
| RMC12.2 Kbps | 2 Back | 1413 | 1732.6 | 0.01 | 24 | 23.18 | 0.716 | 0.865 | 23 |
| RMC12.2 Kbps | 2 Back | 1512 | 1752.6 | 0.02 | 24 | 23.02 | 0.965 | 1.209 | 24 |
| RMC12.2 Kbps | 2 Back | 1312 | 1712.4 | 0.01 | 24 | 23.28 | 0.703 | 0.830 | 25 |
| RMC12.2 Kbps | 3 Left | 1413 | 1732.6 | 0.05 | 24 | 23.18 | 0.012 | 0.014 | 27 |
| RMC12.2 Kbps | 6 Bottom | 1413 | 1732.6 | -0.01 | 24 | 23.18 | 0.196 | 0.237 | 28 |
| Worse condition with Earphone | | | | | | | | | |
| RMC12.2 Kbps | 2 Back | 1512 | 1752.6 | 0 | 24 | 23.02 | 0.976 | 1.223 | 26 |
| Repeat SAR Test at worst position | | | | | | | | | |
| RMC12.2 Kbps | 2 Back | 1512 | 1752.6 | 0.01 | 24 | 23.02 | 0.794 | 0.995 | 22 |

Note: 1) When the original highest measured SAR is ≥ 0.80 W/kg， the measurement was repeat once.

2) A second measurement was performed only if the ratio of largest to smallest SAR for the original and first repeated measurement was >1.20 or when the original or repeated measurement was ≥ 1.45 W/kg.

3) Perform a third repeated measurement only if the original, first or second repeated measurement is ⩾1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20.

## 8.2.5SAR MEASUREMENT RESULT OF UMTS Band 5

Body SAR test results of UMTS Band 5

| Body SAR test results of UMTS Band 5 Distance=0mm | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Mode | Test Position | CH | Freq. | Drift (dB) | Power(dBm) | | SAR Value (W/kg)1-g | Reported SAR | Graph Results |
| | | | | | Tune up | Conducted | | | |
| RMC 12.2Kbps | 2 Back | 4182 | 836.6 | 0.02 | 24 | 23.43 | 0.903 | 1.030 | 30 |
| RMC 12.2Kbps | 2 Back | 4233 | 846.6 | -0.04 | 24 | 23.31 | 0.848 | 0.994 | 31 |
| RMC 12.2Kbps | 2 Back | 4132 | 826.4 | 0.03 | 24 | 23.44 | 0.949 | 1.080 | 32 |
| RMC 12.2Kbps | 3 Left | 4182 | 836.6 | 0.03 | 24 | 23.43 | 0.019 | 0.022 | 34 |
| RMC 12.2Kbps | 6 Bottom | 4182 | 836.6 | 0.06 | 24 | 23.43 | 0.288 | 0.328 | 35 |
| Worse condition with Earphone | | | | | | | | | |
| RMC 12.2Kbps | 2 Back | 4132 | 826.4 | 0.04 | 24 | 23.44 | 0.934 | 1.063 | 33 |
| Repeat SAR Test at worst position | | | | | | | | | |
| RMC 12.2Kbps | 2 Back | 4132 | 826.4 | 0.05 | 24 | 23.44 | 0.889 | 1.011 | 29 |

Note: 1) When the original highest measured SAR is ≥ 0.80 W/kg， the measurement was repeat once.

2) A second measurement was performed only if the ratio of largest to smallest SAR for the original and first repeated measurement was >1.20 or when the original or repeated measurement was ≥ 1.45 W/kg.

3) Perform a third repeated measurement only if the original, first or second repeated measurement is ⩾1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20.

## 8.2.6SAR MEASUREMENT RESULT OF LTE Band 2

| Body SAR test results of LTE Band 2 Distance=0mm | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Mode | Test Position | CH | Freq. | Drift (dB) | Power(dBm) | | SAR Value (W/kg)1-g | Reported SAR | Graph Results |
| | | | | | Tune up | Conducted | | | |
| 20M 1RB/0# | 2 Back | 18900 | 1880 | 0.02 | 24 | 23.33 | 0.888 | 1.036 | 37 |
| | 2 Back(0#) | 19100 | 1900 | 0.08 | 24 | 23.06 | 0.952 | 1.182 | 38 |
| | 2 Back(50#) | 18700 | 1860 | 0.01 | 24 | 23.06 | 0.957 | 1.188 | 39 |
| | 3 Left | 18900 | 1880 | 0.07 | 24 | 23.33 | 0.145 | 0.169 | 40 |
| | 6 Bottom | 18900 | 1880 | 0.06 | 24 | 23.33 | 0.213 | 0.249 | 41 |
| 20M 50%RB/ 50# | 2 Back | 19100 | 1900 | 0.01 | 23 | 22.5 | 0.73 | 0.819 | 42 |
| | 2 Back(0#) | 18900 | 1880 | 0.03 | 23 | 22.18 | 0.845 | 1.021 | 43 |
| | 2 Back(0#) | 18700 | 1860 | 0.02 | 23 | 22.19 | 0.852 | 1.027 | 44 |
| | 3 Left | 19100 | 1900 | 0.01 | 23 | 22.5 | 0.15 | 0.168 | 46 |
| | 6 Bottom | 19100 | 1900 | 0.08 | 23 | 22.5 | 0.287 | 0.322 | 47 |
| 20M 100%RB/0# | 2 Back | 18900 | 1880 | 0.05 | 23 | 22.2 | 0.645 | 0.775 | 48 |
| Worse condition with Earphone | | | | | | | | | |
| 20M 50%RB/ 50# | 2 Back(0#) | 18700 | 1860 | 0.03 | 23 | 22.19 | 0.848 | 1.022 | 45 |
| Repeat SAR Test at worst position | | | | | | | | | |
| 20M 1RB/0# | 2 Back(50#) | 18700 | 1860 | 0.03 | 24 | 23.06 | 0.874 | 1.085 | 36 |

Note: 1) When the original highest measured SAR is ≥ 0.80 W/kg， the measurement was repeat once.

2) A second measurement was performed only if the ratio of largest to smallest SAR for the original and first repeated measurement was >1.20 or when the original or repeated measurement was ≥ 1.45 W/kg.

3) Perform a third repeated measurement only if the original, first or second repeated measurement is ≥1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20.

## 8.2.7SAR MEASUREMENT RESULT OF LTE Band 4

| Body SAR test results of LTE Band 4 Distance=0mm | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Mode | Test Position | CH | Freq. | Drift (dB) | Power(dBm) | | SAR Value (W/kg)1-g | Reported SAR | Graph Results |
| | | | | | Tune up | Conducted | | | |
| 20M 1RB/0# | 2 Back | 20050 | 1720 | 0.04 | 23.5 | 22.93 | 0.565 | 0.644 | 49 |
| | 3 Left | 20050 | 1720 | 0.07 | 23.5 | 22.93 | 0.00674 | 0.008 | 50 |
| | 6 Bottom | 20050 | 1720 | -0.04 | 23.5 | 22.93 | 0.156 | 0.178 | 51 |
| 20M 50%RB/ 0# | 2 Back | 20050 | 1720 | 0 | 22.0 | 21.88 | 0.561 | 0.577 | 52 |
| | 3 Left | 20050 | 1720 | 0.01 | 22.0 | 21.88 | 0.057 | 0.059 | 53 |
| | 6 Bottom | 20050 | 1720 | 0.01 | 22.0 | 21.88 | 0.143 | 0.147 | 54 |

Note: 1) When the original highest measured SAR is ≥ 0.80 W/kg， the measurement was repeat once.

2) A second measurement was performed only if the ratio of largest to smallest SAR for the original and first repeated measurement was >1.20 or when the original or repeated measurement was ≥ 1.45 W/kg.

3) Perform a third repeated measurement only if the original, first or second repeated measurement is ⩾1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20.

## 8.2.8SAR MEASUREMENT RESULT OF LTE Band 5

| Body SAR test results of LTE Band 5 Distance=0mm | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Mode | Test Position | CH | Freq. | Drift (dB) | Power(dBm) | | SAR Value (W/kg)1-g | Reported SAR | Graph Results |
| | | | | | Tune up | Conducted | | | |
| 10M 1RB/25# | 2 Back | 20450 | 829 | 0.01 | 24 | 23.8 | 0.626 | 0.656 | 55 |
| | 3 Left | 20450 | 829 | 0.04 | 24 | 23.8 | 0.027 | 0.028 | 56 |
| | 4 Right | 20450 | 829 | 0.09 | 24 | 23.8 | 0.145 | 0.152 | 57 |
| | 6 Bottom | 20450 | 829 | 0.02 | 24 | 23.8 | 0.294 | 0.308 | 58 |
| 10M 50%RB/ 13# | 2 Back | 20600 | 844 | 0.07 | 23 | 22.73 | 0.588 | 0.626 | 59 |
| | 3 Left | 20600 | 844 | 0.05 | 23 | 22.73 | 0.026 | 0.028 | 60 |
| | 4 Right | 20600 | 844 | 0.01 | 23 | 22.73 | 0.092 | 0.098 | 61 |
| | 6 Bottom | 20600 | 844 | 0.01 | 23 | 22.73 | 0.221 | 0.235 | 62 |

Note: 1) When the original highest measured SAR is ≥ 0.80 W/kg， the measurement was repeat once.

2) A second measurement was performed only if the ratio of largest to smallest SAR for the original and first repeated measurement was >1.20 or when the original or repeated measurement was ≥ 1.45 W/kg.

3) Perform a third repeated measurement only if the original, first or second repeated measurement is ≥1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20.

## 8.2.9SAR MEASUREMENT RESULT OF LTE Band 7

| Body SAR test results of LTE Band 7 Distance=0mm | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Mode | Test Position | CH | Freq. | Drift (dB) | Power(dBm) | | SAR Value (W/kg)1-g | Reported SAR | Graph Results |
| | | | | | Tune up | Conducted | | | |
| 20M 1RB/0# | 2 Back | 21100 | 2535 | 0.07 | 24 | 23.07 | 0.619 | 0.767 | 63 |
| | 3 Left | 21100 | 2535 | 0.09 | 24 | 23.07 | 0.014 | 0.017 | 64 |
| | 6 Bottom | 21100 | 2535 | 0.01 | 24 | 23.07 | 0.518 | 0.642 | 65 |
| 20M 50%RB/ 0# | 2 Back | 21100 | 2535 | 0 | 23 | 22.05 | 0.564 | 0.702 | 66 |
| | 3 Left | 21100 | 2535 | 0 | 23 | 22.05 | 0.00537 | 0.007 | 67 |
| | 6 Bottom | 21100 | 2535 | 0.01 | 23 | 22.05 | 0.514 | 0.640 | 68 |

Note: 1) When the original highest measured SAR is ≥ 0.80 W/kg， the measurement was repeat once.

2) A second measurement was performed only if the ratio of largest to smallest SAR for the original and first repeated measurement was >1.20 or when the original or repeated measurement was ≥ 1.45 W/kg.

3) Perform a third repeated measurement only if the original, first or second repeated measurement is ⩾1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20.

## 8.2.10SAR MEASUREMENT RESULT OF LTE Band 26

| Body SAR test results of LTE Band 26 Distance=0mm | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Mode | Test Position | CH | Freq. | Drift (dB) | Power(dBm) | | SAR Value (W/kg)1-g | Reported SAR | Graph Results |
| | | | | | Tune up | Conducted | | | |
| 15M 1RB/0# | 2 Back | 26965 | 841.5 | 0.04 | 23.5 | 23.17 | 1.02 | 1.101 | 70 |
| | 2 Back(0#) | 26865 | 831.5 | 0.02 | 23.5 | 23.05 | 1.12 | 1.242 | 71 |
| | 2 Back(38#) | 26765 | 821.5 | 0.05 | 23.5 | 23.00 | 1.07 | 1.201 | 72 |
| | 3 Left | 26965 | 841.5 | 0.04 | 23.5 | 23.17 | 0.057 | 0.061 | 74 |
| | 4 Right | 26965 | 841.5 | 0.06 | 23.5 | 23.17 | 0.217 | 0.234 | 75 |
| | 6 Bottom | 26965 | 841.5 | 0.02 | 23.5 | 23.17 | 0.581 | 0.627 | 76 |
| | 2 Back | 26765 | 821.5 | 0.05 | 23.00 | 22.07 | 1.09 | 1.350 | 78 |
| | 2 Back(18#) | 26965 | 841.5 | 0.08 | 23.00 | 21.96 | 1.13 | 1.436 | 79 |
| | 2 Back(0#) | 26865 | 831.5 | 0.02 | 23.00 | 21.99 | 1.1 | 1.388 | 80 |
| | 3 Left | 26765 | 821.5 | 0.09 | 23.00 | 22.07 | 0.202 | 0.250 | 82 |
| | 4 Right | 26765 | 821.5 | 0.02 | 23.00 | 22.07 | 0.169 | 0.209 | 83 |
| | 6 Bottom | 26765 | 821.5 | -0.02 | 23.00 | 22.07 | 0.456 | 0.565 | 84 |
| 15M 100%RB/ 0# | 2 Back | 26765 | 821.5 | 0.08 | 23.00 | 21.92 | 1.11 | 1.423 | 85 |
| Worse condition with Earphone | | | | | | | | | |
| 15M 1RB/0# | 2 Back | 26865 | 831.5 | 0.09 | 23.5 | 23.05 | 1.04 | 1.154 | 73 |
| 15M 50%RB/ 18# | 2 Back | 26965 | 841.5 | 0.04 | 23.00 | 21.96 | 1.15 | 1.461 | 81 |
| Repeat SAR Test at worst position | | | | | | | | | |
| 15M 1RB/0# | 2 Back | 26865 | 831.5 | 0.03 | 23.5 | 23.05 | 0.987 | 1.095 | 69 |
| 15M 50%RB/ 18# | 2 Back | 26965 | 841.5 | -0.01 | 23.00 | 21.96 | 1.03 | 1.309 | 77 |

Note: 1) When the original highest measured SAR is ≥ 0.80 W/kg， the measurement was repeat once.

2) A second measurement was performed only if the ratio of largest to smallest SAR for the original and first repeated measurement was >1.20 or when the original or repeated measurement was ≥ 1.45 W/kg.

3) Perform a third repeated measurement only if the original, first or second repeated measurement is ≥1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20.

### 8.2.11 SAR MEASUREMENT RESULT OF WiFi 2.4G

| Body SAR test results of WiFi 2.4G Distance=0mm | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Mode | Test Position | CH | Freq. | Drift (dB) | Power(dBm) | | SAR Value (W/kg)1-g | Reported SAR | Graph Results |
| | | | | | Tune up | Conducted | | | |
| 802.11b | 2 Back | 11 | 2462 | 0 | 18 | 17.76 | 0.526 | 0.556 | 86 |
| | 4 Right | 11 | 2462 | 0.09 | 18 | 17.76 | 0.727 | 0.768 | 87 |
| | 5 Top | 11 | 2462 | 0.06 | 18 | 17.76 | 0.735 | 0.777 | 88 |

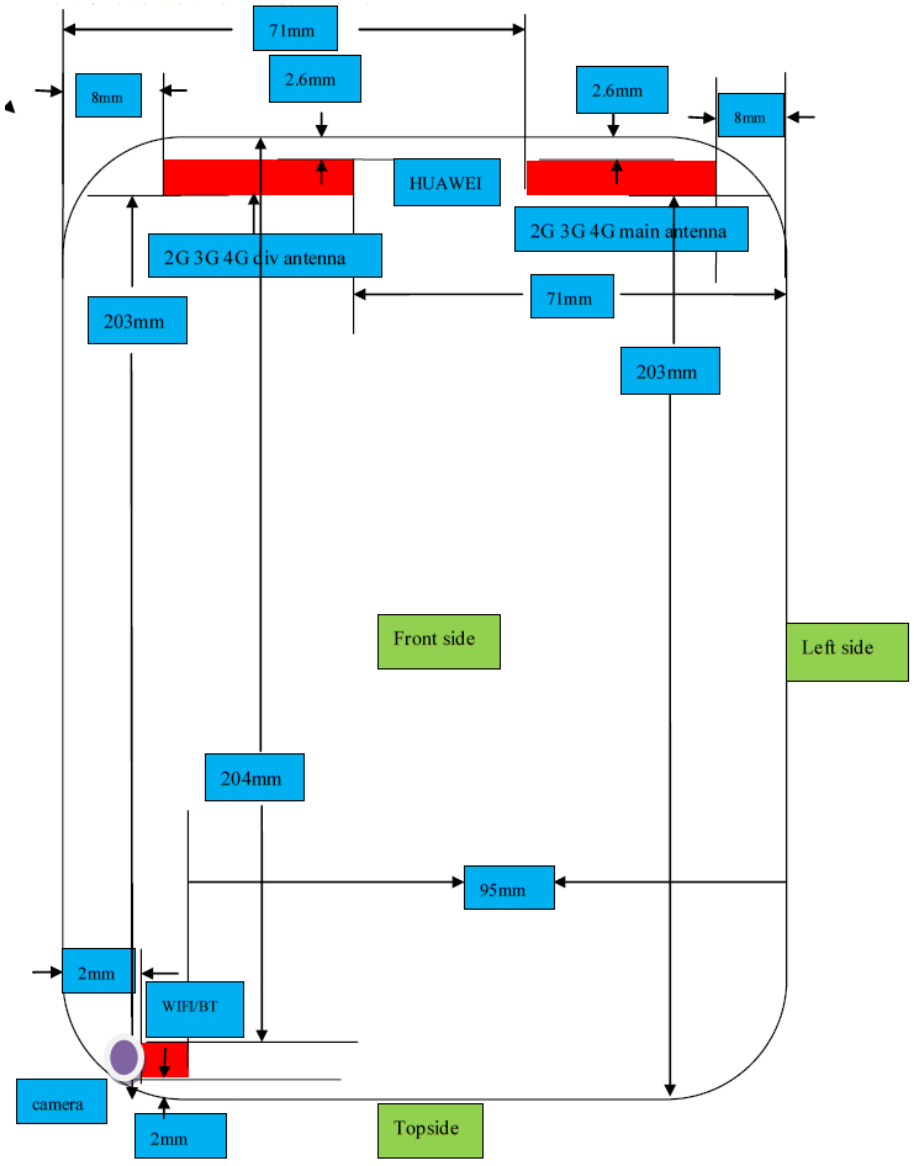
### 8.2.12SAR MEASUREMENT RESULT OF WiFi 5G

| Body SAR test results of WiFi 5G Distance=0mm | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Mode | Test Position | CH | Freq. | Drift (dB) | Power(dBm) | | SAR Value (W/kg)1-g | Reported SAR | Graph Results |
| | | | | | Tune up | Conducted | | | |
| 802.11a Band1 | 2 Back | 44 | 5200 | 0 | 11 | 10.82 | 0.063 | 0.066 | 89 |
| | 4 Right | 44 | 5200 | 0.01 | 11 | 10.82 | 0.024 | 0.025 | 90 |
| | 5 Top | 44 | 5200 | 0.05 | 11 | 10.82 | 0.762 | 0.794 | 91 |
| 802.11a Band2 | 2 Back | 64 | 5320 | 0 | 11 | 10.69 | 0.067 | 0.072 | 92 |
| | 4 Right | 64 | 5320 | 0.01 | 11 | 10.69 | 0.039 | 0.042 | 93 |
| | 5 Top | 64 | 5320 | 0.04 | 11 | 10.69 | 0.92 | 0.988 | 94 |
| | 5 Top | 52 | 5260 | 0.01 | 11 | 10.62 | 0.703 | 0.767 | 96 |
| | 5 Top | 56 | 5280 | 0.09 | 11 | 10.57 | 0.826 | 0.912 | 97 |
| | 5 Top | 60 | 5300 | 0.05 | 11 | 10.68 | 0.823 | 0.886 | 98 |
| 802.11a Band3 | 2 Back | 100 | 5500 | 0 | 11 | 10.43 | 0.068 | 0.078 | 99 |
| | 4 Right | 100 | 5500 | 0.01 | 11 | 10.43 | 0.042 | 0.048 | 100 |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 5 Top | 100 | 5500 | 0.06 | 11 | 10.43 | 0.966 | 1.101 | 101 |
| | 5 Top | 104 | 5520 | 0.07 | 11 | 10.38 | 0.957 | 1.104 | 103 |
| | 5 Top | 108 | 5540 | 0.08 | 11 | 10.32 | 0.998 | 1.167 | 104 |
| | 5 Top | 112 | 5560 | 0.04 | 11 | 10.21 | 0.974 | 1.168 | 105 |
| | 5 Top | 116 | 5580 | 0.04 | 11 | 10.37 | 0.987 | 1.141 | 106 |
| | 5 Top | 120 | 5600 | 0 | 11 | 10.32 | 0.996 | 1.165 | 107 |
| | 5 Top | 124 | 5620 | 0.02 | 11 | 10.31 | 1.01 | 1.184 | 108 |
| | 5 Top | 128 | 5640 | 0.03 | 11 | 10.28 | 0.999 | 1.179 | 109 |
| | 5 Top | 132 | 5660 | 0.09 | 11 | 10.22 | 0.947 | 1.133 | 110 |
| | 5 Top | 136 | 5680 | 0.08 | 11 | 10.33 | 0.964 | 1.125 | 111 |
| | 5 Top | 140 | 5700 | 0.09 | 11 | 10.31 | 1.02 | 1.196 | 112 |
| 802.11a Band4 | 2 Back | 165 | 5825 | 0 | 11 | 10.52 | 0.118 | 0.132 | 113 |
| | 4 Right | 165 | 5825 | 0 | 11 | 10.52 | 0.079 | 0.088 | 114 |
| | 5 Top | 165 | 5825 | 0.04 | 11 | 10.52 | 0.829 | 0.926 | 115 |
| | 5 Top | 149 | 5745 | 0.01 | 11 | 10.3 | 0.831 | 0.976 | 117 |
| | 5 Top | 153 | 5765 | 0.07 | 11 | 10.38 | 0.908 | 1.047 | 118 |
| | 5 Top | 157 | 5785 | 0.09 | 11 | 10.39 | 0.563 | 0.648 | 119 |
| | 5 Top | 161 | 5805 | 0.08 | 11 | 10.43 | 0.885 | 1.009 | 120 |
| Repeat SAR Test at worst position | | | | | | | | | |
| 802.11a Band2 | 5 Top | 64 | 5320 | 0.02 | 11 | 10.69 | 0.861 | 0.925 | 95 |
| 802.11a Band3 | 5 Top | 140 | 5700 | 0.01 | 11 | 10.31 | 0.935 | 1.096 | 102 |
| 802.11a Band4 | 5 Top | 153 | 5765 | 0.07 | 11 | 10.38 | 0.822 | 0.948 | 116 |
| Worst condition with 802.11 AC80 | | | | | | | | | |
| 802.11AC80 Band1 | 5 Top | 42 | 5210 | 0.09 | 11 | 9.64 | 0.252 | 0.345 | 117 |
| 802.11AC80 Band2 | 5 Top | 58 | 5290 | 0.08 | 11 | 9.74 | 0.338 | 0.452 | 118 |
| 802.11AC80 Band3 | 5 Top | 122 | 5610 | 0.02 | 11 | 10.12 | 0.644 | 0.789 | 119 |
| 802.11AC80 Band4 | 5 Top | 155 | 5775 | 0.01 | 11 | 10.25 | 0.646 | 0.768 | 120 |

## 8.3 MULTIPLE TRANSMITTER EVALUATION

The following tables list information which is relevant for the decision if a simultaneous transmit evaluation is necessary according to FCC KDB 447498D01 General RF Exposure Guidance v05r02
The location of the antennas is shown as below picture:



### 8.3.1STAND-ALONE SAR TEST EXCLUSION

Per FCC KDB 447498D01v05, the 1-g SAR and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:
[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance,mm)][√f(GHz)] ≤ 3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR, where:

- f(GHz) is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation
- The result is rounded to one decimal place for comparison

When the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion.

Standalone SAR test exclusion for BT

| Mode | Position | $P_{max}$ (dBm)* | $P_{max}$ (mW) | Distance (mm) | f (GHz) | Calculation Result | SAR Exclusion threshold | SAR test exclusion |
|---|---|---|---|---|---|---|---|---|
| BT | Body-Worn | 6 | 3.98 | 5 | 2.480 | 1.25 | 3 | Yes |

Note:

1)* - maximum possible output power declared by manufacturer

2) Held to ear configurations are not applicable to Bluetooth for this device.

When standalone SAR test exclusion applies to an antenna that transmits simultaneously with other antennas, the standalone SAR must be estimated according to following to determine simultaneous transmission SAR test exclusion:

(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] • [ √f(GHz)/x] W/kg for test separation distances≤50 mm,where x = 7.5 for 1-g SAR and x = 18.75 for 10-g SAR.
When the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion

Estimated SAR calculation

| Mode | Position | $P_{max}$ (dBm)* | $P_{max}$ (mW) | Distance (mm) | f (GHz) | X | Estimated SAR (W/Kg)* |
|---|---|---|---|---|---|---|---|
| BT | Back | 6 | 3.98 | 5 | 2.480 | 7.5 | 0.105 |
| | Right | 6 | 3.98 | 5 | 2.480 | 7.5 | 0.105 |
| | Top | 6 | 3.98 | 5 | 2.480 | 7.5 | 0.105 |
| | Left | - | - | 95 | - | - | 0.4 |
| | Bottom | - | - | 204 | - | - | 0.4 |
| GSM 850 | Top | - | - | 203 | - | - | 0.4 |
| GSM 1900 | Right | - | - | 71 | - | - | 0.4 |
| | Top | - | - | 203 | - | - | 0.4 |
| UMTS Band 2/4/5 | Right | - | - | 71 | - | - | 0.4 |
| | Top | - | - | 203 | - | - | 0.4 |
| LTE Band 2/4/7 | Right | - | - | 71 | - | - | 0.4 |
| | Top | - | - | 203 | - | - | 0.4 |
| LTE Band 5/26 | Top | - | - | 203 | - | - | 0.4 |
| WiFi 2.4G/5G | Left | - | - | 95 | - | - | 0.4 |
| | Bottom | - | - | 204 | - | - | 0.4 |

Note: * - maximum possible output power declared by manufacturer

### 8.3.2STAND-ALONE SAR TEST EXCLUSION

Per FCC KDB 447498D01v05 r02, SAR compliance for simultaneous transmission must be considered when the maximum duration of overlapping transmissions, including network hand-offs, is greater than 30 seconds. This device contains multiple transmitters that may operate simultaneously, and therefore requires a simultaneous transmission analysis.

The Simultaneous Transmission Possibilities of this device are as below:

| No. | Configuration | Body |
|---|---|---|
| 1 | GSM (Voice)+WiFi | Yes |
| 2 | GPRS/EDGE (DATA)+WiFi | Yes |
| 3 | GSM(Voice)+BT | Yes |
| 4 | GPRS/EDGE(DATA)+BT | Yes |
| 5 | UMTS(Voice)+WiFi | Yes |
| 6 | UMTS(DATA)+WiFi | Yes |
| 7 | UMTS(Voice)+BT | Yes |
| 8 | UMTS(DATA)+BT | Yes |
| 9 | LTE(DATA)+WiFi | Yes |
| 10 | LTE(DATA)+BT | Yes |

Note:
i)* VOIP 3rd party applications may possibly be installed and used by the end user.
ii) Wi-Fi and Bluetooth share the same antenna and can"t transmit simultaneously.
iii) 2G&3G&LTE share the same antenna and can"t transmit simultaneously.
iv) The device does not support DTM function.
v) Held to ear configurations are not applicable to BT/WiFi/GSM/UMTS/LTE and therefore were not considered for simultaneous transmission.

### 8.3.3 SAR SUMMATION SCENARIO

About 2.4GWiFi and GSM/UMTS/LTE antenna

| Reported SAR1g / Test Positon | GSM 900 | GSM 1800 | UMTS Band 2 | UMTS Band 4 | UMTS Band 5 | LTE Band2 | LTE Band4 | LTE Band5 | LTE Band7 | LTE Band 26 | 2.4G WiFi | MAX $\sum SAR_{1g}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Back | 1.117 | 1.391 | 1.266 | 1.223 | 1.08 | 1.188 | 0.644 | 0.656 | 0.767 | 1.461 | 0.556 | **2.017** |
| Left | 0.031 | 0.236 | 0.027 | 0.014 | 0.022 | 0.169 | 0.059 | 0.028 | 0.017 | 0.25 | 0.4 | 0.636 |
| Right | 0.334 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.152 | 0.4 | 0.234 | 0.768 | 1.168 |
| Top | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.777 | 1.177 |
| Bottom | 0.373 | 0.423 | 0.208 | 0.237 | 0.328 | 0.322 | 0.178 | 0.308 | 0.642 | 0.627 | 0.4 | 1.042 |

Note:1. The value with boldface is the maximum $\sum SAR_{1g}$ Value.

2. MAX.$\sum SAR_{1g}$=Reported $SAR_{MAX2.4GWIFI}$+ Reported $SAR_{MAX.LTE\ Band\ 26}$

MAX. $\sum SAR_{1g}$=2.017W/Kg > 1.6 W/Kg,so the SAR to peak location separation ratio should be considered.

| Reported SAR1g / Test Positon | GSM 900 | GSM 1800 | UMTS Band 2 | UMTS Band 4 | UMTS Band 5 | LTE Band2 | LTE Band4 | LTE Band5 | LTE Band7 | LTE Band 26 | 2.4G WiFi | MAX $\sum SAR_{1g}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Back | 1.117 | / | / | / | / | / | / | / | / | / | 0.556 | **1.673** |
| | / | 1.391 | / | / | / | / | / | / | / | / | 0.556 | **1.947** |
| | / | / | 1.266 | / | / | / | / | / | / | / | 0.556 | **1.822** |
| | / | / | / | 1.223 | / | / | / | / | / | / | 0.556 | **1.779** |
| | / | / | / | / | 1.08 | / | / | / | / | / | 0.556 | **1.636** |
| | / | / | / | / | / | 1.188 | / | / | / | / | 0.556 | **1.744** |
| | / | / | / | / | / | / | 0.644 | / | / | / | 0.556 | 1.2 |
| | / | / | / | / | / | / | / | 0.656 | / | / | 0.556 | 1.212 |
| | / | / | / | / | / | / | / | / | 0.767 | / | 0.556 | 1.323 |
| | / | / | / | / | / | / | / | / | / | 1.461 | 0.556 | **2.017** |

Note: 1. MAX.$\sum SAR_{1g}$=Reported $SAR_{MAX2.4GWIFI}$+ Reported $SAR_{MAX.GSM/UMTS/LTE}$

2. The value with boldface is the $\sum SAR_{1g}$ > 1.6 W/Kg.

## About 5G Band1 and GSM/UMTS/LTE antenna

| Reported SAR1g / Test Positon | GSM 900 | GSM 1800 | UMTS Band 2 | UMTS Band 4 | UMTS Band 5 | LTE Band2 | LTE Band4 | LTE Band5 | LTE Band7 | LTE Band 26 | 5G Band1 | MAX $\sum SAR_{1g}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Back | 1.117 | 1.391 | 1.266 | 1.223 | 1.08 | 1.188 | 0.644 | 0.656 | 0.767 | 1.461 | 0.066 | **1.527** |
| Left | 0.031 | 0.236 | 0.027 | 0.014 | 0.022 | 0.169 | 0.059 | 0.028 | 0.017 | 0.25 | 0.4 | 0.636 |
| Right | 0.334 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.152 | 0.4 | 0.234 | 0.025 | 0.425 |
| Top | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.794 | 1.194 |
| Bottom | 0.373 | 0.423 | 0.208 | 0.237 | 0.328 | 0.322 | 0.178 | 0.308 | 0.642 | 0.627 | 0.4 | 1.042 |

Note: The value with boldface is the maximum $\sum SAR_{1g}$ Value.

## About 5G Band2 and GSM/UMTS/LTE antenna

| Reported SAR1g / Test Positon | GSM 900 | GSM 1800 | UMTS Band 2 | UMTS Band 4 | UMTS Band 5 | LTE Band2 | LTE Band4 | LTE Band5 | LTE Band7 | LTE Band 26 | 5G Band2 | MAX $\sum SAR_{1g}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Back | 1.117 | 1.391 | 1.266 | 1.223 | 1.08 | 1.188 | 0.644 | 0.656 | 0.767 | 1.461 | 0.072 | **1.533** |
| Left | 0.031 | 0.236 | 0.027 | 0.014 | 0.022 | 0.169 | 0.059 | 0.028 | 0.017 | 0.25 | 0.4 | 0.636 |
| Right | 0.334 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.152 | 0.4 | 0.234 | 0.042 | 0.442 |
| Top | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.988 | 1.388 |
| Bottom | 0.373 | 0.423 | 0.208 | 0.237 | 0.328 | 0.322 | 0.178 | 0.308 | 0.642 | 0.627 | 0.4 | 1.042 |

Note: The value with boldface is the maximum $\sum SAR_{1g}$ Value.

## About 5G Band3 and GSM/UMTS/LTE antenna

| Reported SAR1g / Test Positon | GSM 900 | GSM 1800 | UMTS Band 2 | UMTS Band 4 | UMTS Band 5 | LTE Band2 | LTE Band4 | LTE Band5 | LTE Band7 | LTE Band 26 | 5G Band3 | MAX $\sum SAR_{1g}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Back | 1.117 | 1.391 | 1.266 | 1.223 | 1.08 | 1.188 | 0.644 | 0.656 | 0.767 | 1.461 | 0.078 | 1.539 |
| Left | 0.031 | 0.236 | 0.027 | 0.014 | 0.022 | 0.169 | 0.059 | 0.028 | 0.017 | 0.25 | 0.4 | 0.636 |
| Right | 0.334 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.152 | 0.4 | 0.234 | 0.048 | 0.448 |
| Top | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 1.196 | **1.596** |
| Bottom | 0.373 | 0.423 | 0.208 | 0.237 | 0.328 | 0.322 | 0.178 | 0.308 | 0.642 | 0.627 | 0.4 | 1.042 |

Note: The value with boldface is the maximum $\sum SAR_{1g}$ Value.

## About 5G Band4 and GSM/UMTS/LTE antenna

| Reported SAR1g / Test Positon | GSM 900 | GSM 1800 | UMTS Band 2 | UMTS Band 4 | UMTS Band 5 | LTE Band2 | LTE Band4 | LTE Band5 | LTE Band7 | LTE Band 26 | 5G Band4 | MAX $\sum SAR_{1g}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Back | 1.117 | 1.391 | 1.266 | 1.223 | 1.08 | 1.188 | 0.644 | 0.656 | 0.767 | 1.461 | 0.132 | **1.593** |
| Left | 0.031 | 0.236 | 0.027 | 0.014 | 0.022 | 0.169 | 0.059 | 0.028 | 0.017 | 0.25 | 0.4 | 0.636 |
| Right | 0.334 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.152 | 0.4 | 0.234 | 0.088 | 0.488 |
| Top | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 1.047 | 1.447 |
| Bottom | 0.373 | 0.423 | 0.208 | 0.237 | 0.328 | 0.322 | 0.178 | 0.308 | 0.642 | 0.627 | 0.4 | 1.042 |

Note: The value with boldface is the maximum $\sum SAR_{1g}$ Value.

## About BT and GSM/UMTS/LTE antenna

| Reported SAR1g / Test Positon | GSM 900 | GSM 1800 | UMTS Band 2 | UMTS Band 4 | UMTS Band 5 | LTE Band2 | LTE Band4 | LTE Band5 | LTE Band7 | LTE Band 26 | BT | MAX $\sum SAR_{1g}$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Back | 1.117 | 1.391 | 1.266 | 1.223 | 1.08 | 1.188 | 0.644 | 0.656 | 0.767 | 1.461 | 0.105 | **1.566** |
| Left | 0.031 | 0.236 | 0.027 | 0.014 | 0.022 | 0.169 | 0.059 | 0.028 | 0.017 | 0.25 | 0.4 | 0.65 |
| Right | 0.334 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.152 | 0.4 | 0.234 | 0.105 | 0.505 |
| Top | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.105 | 0.505 |
| Bottom | 0.373 | 0.423 | 0.208 | 0.237 | 0.328 | 0.322 | 0.178 | 0.308 | 0.642 | 0.627 | 0.4 | 1.042 |

Note: The value with boldface is the maximum $\sum SAR_{1g}$ Value.

### 8.3.4 SIMULTANEOUS TRANSMISSION CONLCUSION

According to KDB447498 D01v05, When the sum of SAR is larger than limit, SAR test exclusion is determined by the SAR to peak location separation ratio(SPLSR).When the SAR to peak location ratio for each pair of antennas is ≤0.04， simultaneous SAR evaluation is not required.

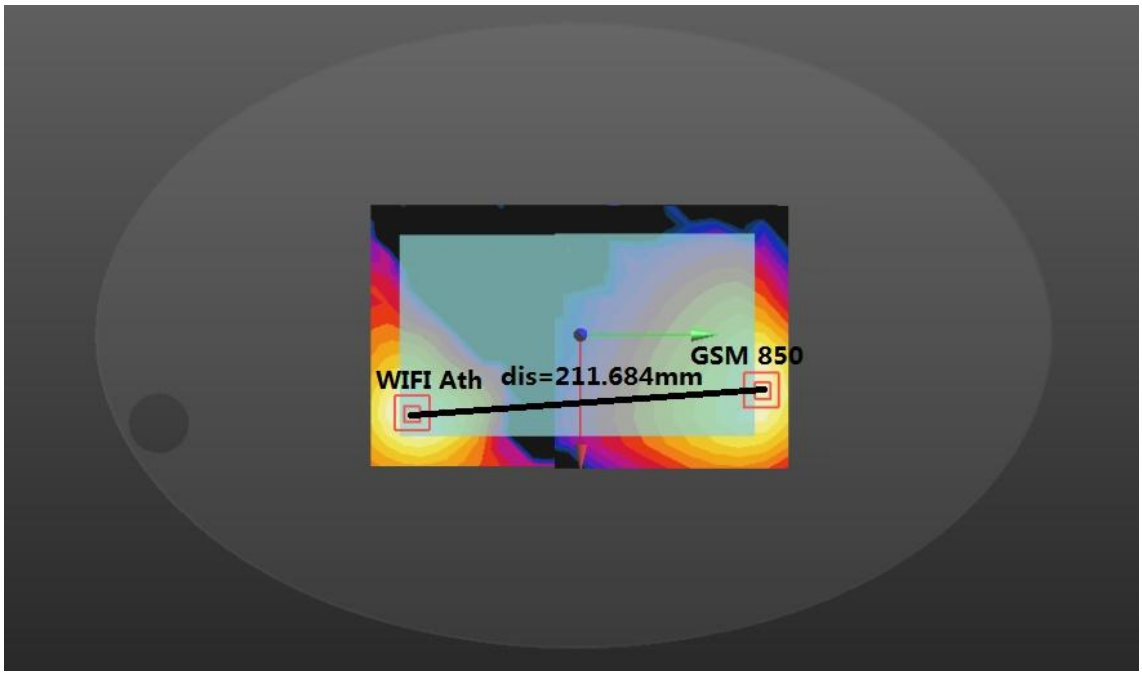
When SAR is measured for both antennas in the pair the peak location separation distance is computed by the following fomula:

$$\text{Distance}_{\text{Tx1-Tx2}} = R_i = \sqrt{(x_1 - x_2)^2 + (y_1 - y_2)^2 + (z_1 - z_2)^2}$$

$$\text{SPLS Ratio} = (SAR_1 + SAR_2)^{1.5}/R_i$$

When standalone test exclusion applies, SAR is estimated; the peak location is assumed to be at the feed-point or geometric center of the antenna. Due to curvatures on the SAM phantom, when SAR is estimated for one of the antennas in an antenna pair, the measured peak SAR location should be translated onto the test device to determine the peak location separation for the antenna pair. The ERP location on the phantom is aligned with the ERP location on the handset, with 6mm separation in the z coordinate due to the ear spacer. A measured peak location can be translated onto the handset, with respect to the ERP location, by ignoring the 6 mm offset in the z coordinate. The assumed peak location of the antenna with estimated SAR can also be determined with respect to the ERP location on the handset. The peak location separation distance is estimated by the x and y coordinated of the peaks, referenced to the ERP location. While flat phantoms are not expected to have these issues, the same peak translation approach should be applied to determine peak location separation.

1) The sum of aggregate 1g SAR was above 1.6 W/Kg for Body worn Back side configuration with GSM 850 and WiFi 2.4G.
The Peak SAR location is as below:



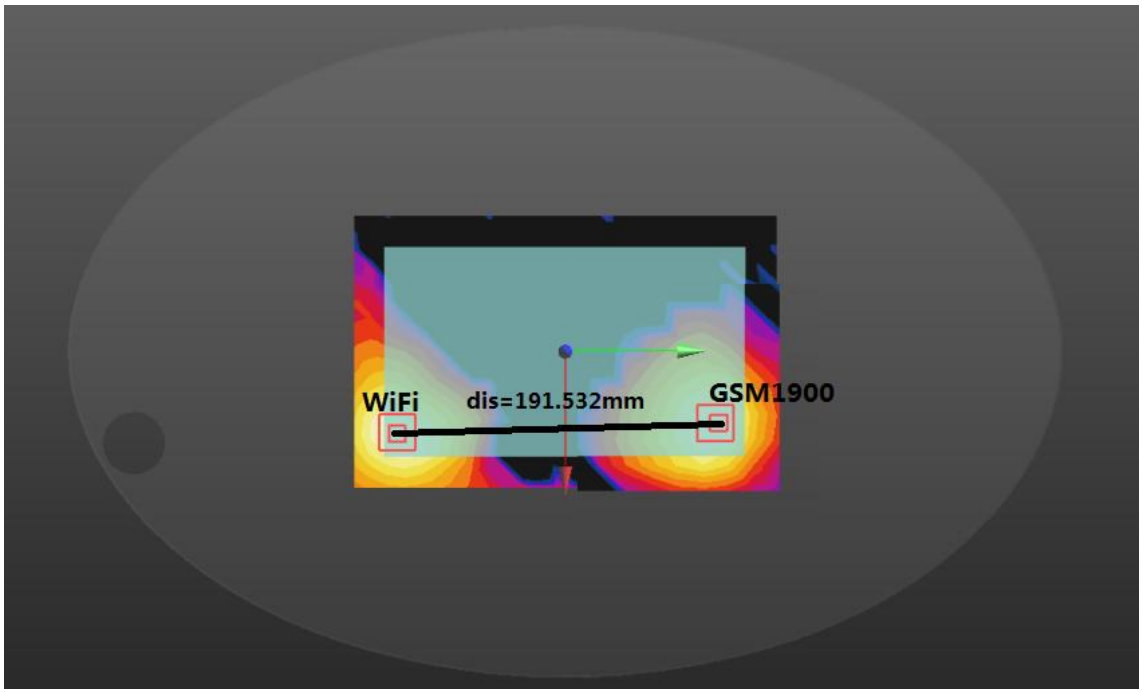

The Peak SAR location is as below:

| Mode | Peak SAR | X | Y | Z |
|---|---|---|---|---|
| | mW/g | m | m | m |
| GSM 850 | 2.12 | 0.031 | 0.111 | -0.182 |
| 2.4G WiFi | 1.21 | 0.048 | -0.1 | -0.182 |

The SAR to peak location ratio calculation is as below:

| Test Position | SAR1(W/Kg) | SAR2 (W/Kg) | Ri(mm) | SPLSR | Ratio Limit | Simultaneous SAR |
|---|---|---|---|---|---|---|
| back | 1.117 | 0.556 | 211.684 | 0.01 | 0.04 | Not Required |

2) The sum of aggregate 1g SAR was above 1.6 W/Kg for Body worn Back side configuration with GSM1900 and WiFi 2.4G.
The Peak SAR location is as below:

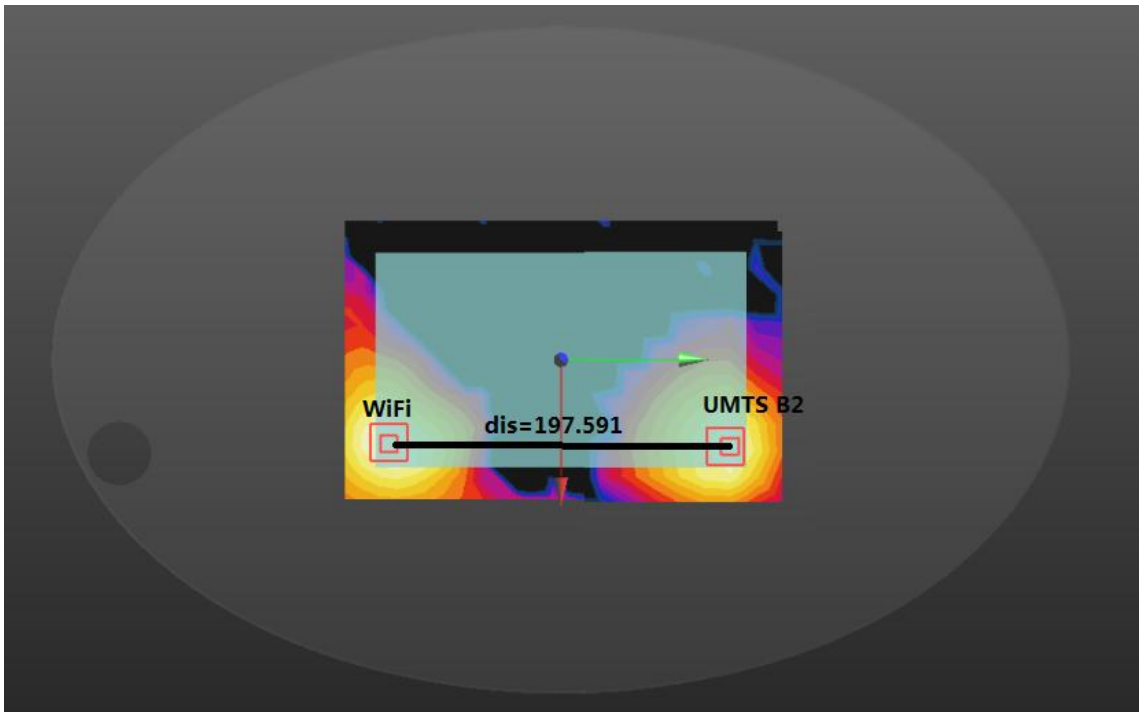



| Mode | Peak SAR | X | Y | Z |
|---|---|---|---|---|
| | mW/g | m | m | m |
| GSM1900 | 2.68 | 0.0445 | 0.0915 | -0.182 |
| 2.4G WiFi | 1.21 | 0.048 | -0.1 | -0.182 |

The SAR to peak location ratio calculation is as below:

| Test Position | SAR1(W/Kg) | SAR2 (W/Kg) | Ri(mm) | SPLSR | Ratio Limit | Simultaneous SAR |
|---|---|---|---|---|---|---|
| back | 1.391 | 0.556 | 191.532 | 0.014 | 0.04 | Not Required |

3) The sum of aggregate 1g SAR was above 1.6 W/Kg for Body worn Back side configuration with UMTS Band 2 and WiFi 2.4G.
The Peak SAR location is as below:

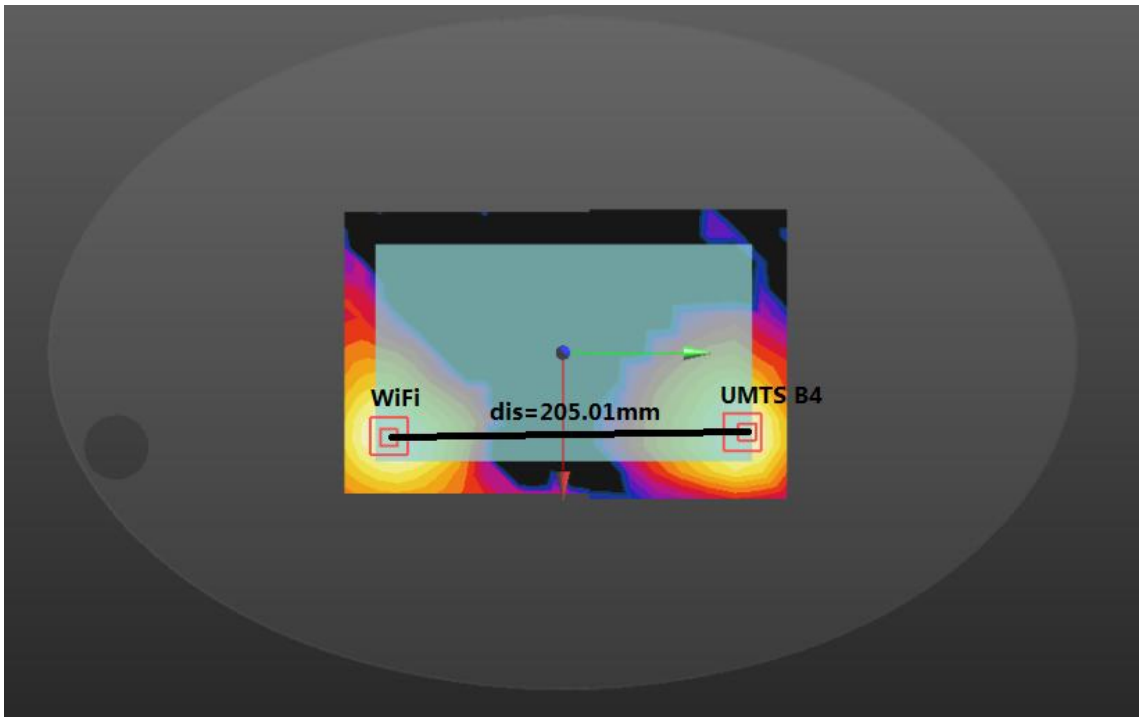



| Mode | Peak SAR | X | Y | Z |
|---|---|---|---|---|
| | mW/g | m | m | m |
| UMTS Band 2 | 2.58 | 0.054 | 0.0975 | -0.182 |
| 2.4G WiFi | 1.21 | 0.048 | -0.1 | -0.182 |

The SAR to peak location ratio calculation is as below:

| Test Position | SAR1(W/Kg) | SAR2 (W/Kg) | Ri(mm) | SPLSR | Ratio Limit | Simultaneous SAR |
|---|---|---|---|---|---|---|
| back | 1.266 | 0.556 | 197.591 | 0.012 | 0.04 | Not Required |

4) The sum of aggregate 1g SAR was above 1.6 W/Kg for Body worn Back side configuration with UMTS Band 4 and WiFi 2.4G.
The Peak SAR location is as below:

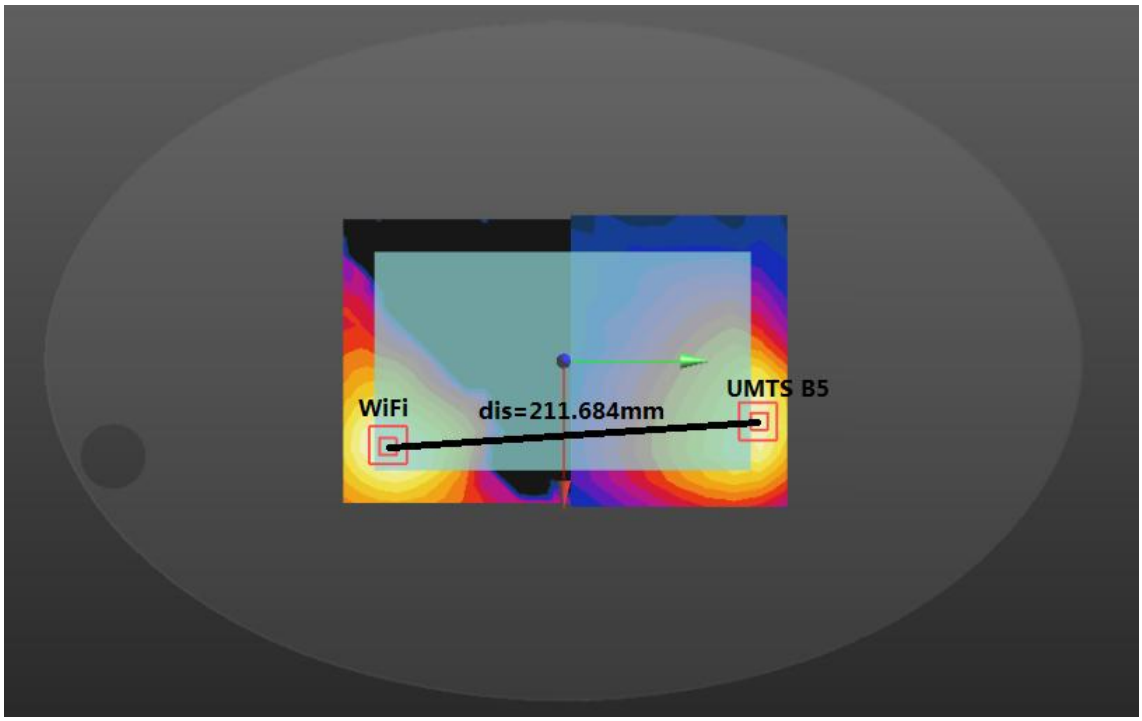



| Mode | Peak SAR | X | Y | Z |
|---|---|---|---|---|
| | mW/g | m | m | m |
| UMTS Band 4 | 2.41 | 0.05 | 0.105 | -0.182 |
| 2.4G WiFi | 1.21 | 0.048 | -0.1 | -0.182 |

The SAR to peak location ratio calculation is as below:

| Test Position | SAR1(W/Kg) | SAR2 (W/Kg) | Ri(mm) | SPLSR | Ratio Limit | Simultaneous SAR |
|---|---|---|---|---|---|---|
| back | 1.223 | 0.556 | 205.01 | 0.012 | 0.04 | Not Required |

5) The sum of aggregate 1g SAR was above 1.6 W/Kg for Body worn Back side configuration with UMTS Band 5 and WiFi 2.4G.
The Peak SAR location is as below:

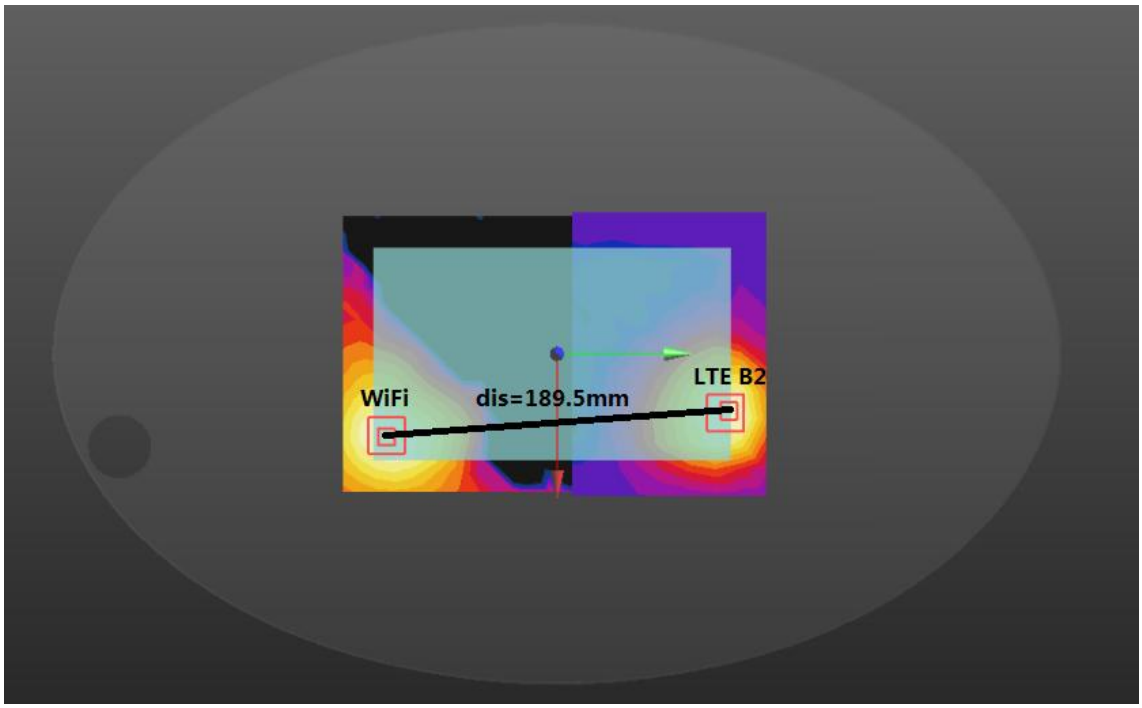



| Mode | Peak SAR | X | Y | Z |
|---|---|---|---|---|
| | mW/g | m | m | m |
| UMTS Band 5 | 2.23 | 0.031 | 0.111 | -0.182 |
| 2.4G WiFi | 1.21 | 0.048 | -0.1 | -0.182 |

The SAR to peak location ratio calculation is as below:

| Test Position | SAR1(W/Kg) | SAR2 (W/Kg) | Ri(mm) | SPLSR | Ratio Limit | Simultaneous SAR |
|---|---|---|---|---|---|---|
| back | 1.080 | 0.556 | 211.684 | 0.010 | 0.04 | Not Required |

6) The sum of aggregate 1g SAR was above 1.6 W/Kg for Body worn Back side configuration with LTE Band 2 and WiFi 2.4G.
The Peak SAR location is as below:

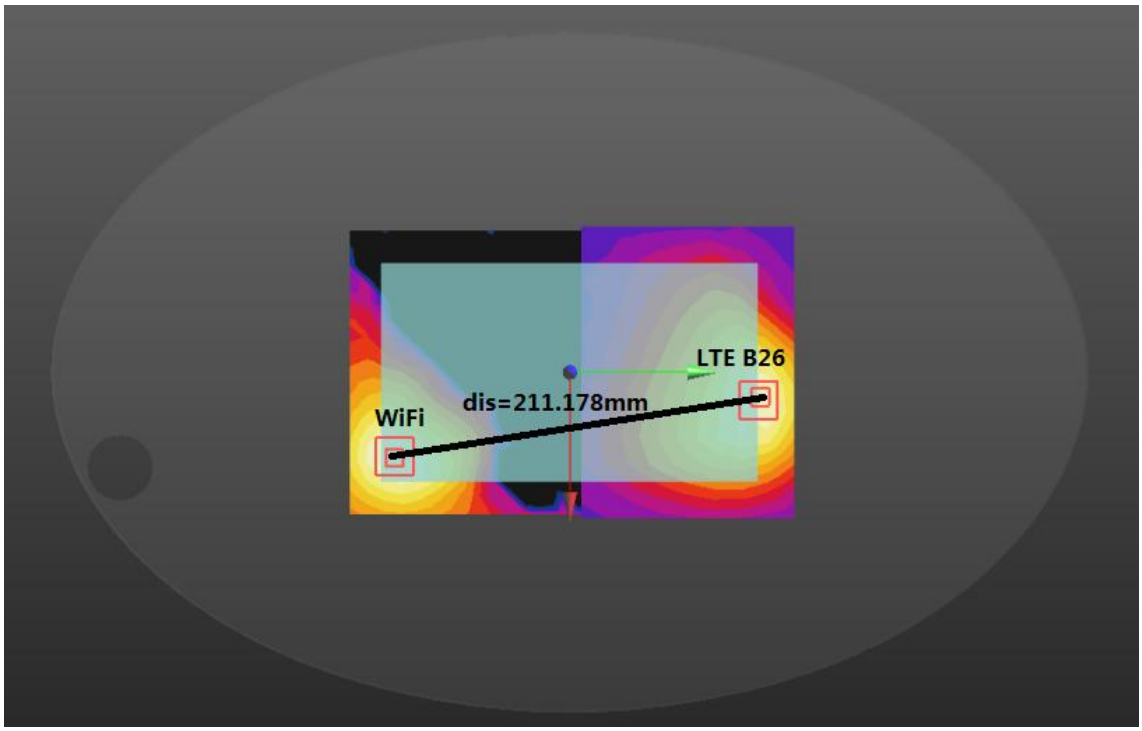



| Mode | Peak SAR | X | Y | Z |
|---|---|---|---|---|
| | mW/g | m | m | m |
| LTE Band 2 | 2.53 | 0.048 | 0.0895 | -0.182 |
| 2.4G WiFi | 1.21 | 0.048 | -0.1 | -0.182 |

The SAR to peak location ratio calculation is as below:

| Test Position | SAR1(W/Kg) | SAR2 (W/Kg) | Ri(mm) | SPLSR | Ratio Limit | Simultaneous SAR |
|---|---|---|---|---|---|---|
| back | 1.188 | 0.556 | 189.5 | 0.012 | 0.04 | Not Required |

7) The sum of aggregate 1g SAR was above 1.6 W/Kg for Body worn Back side configuration with LTE Band 26 and WiFi 2.4G.
The Peak SAR location is as below:




| Mode | Peak SAR | X | Y | Z |
|---|---|---|---|---|
| | mW/g | m | m | m |
| LTE Band 26 | 3.85 | 0.0115 | 0.108 | -0.182 |
| 2.4G WiFi | 1.21 | 0.048 | -0.1 | -0.182 |

The SAR to peak location ratio calculation is as below:

| Test Position | SAR1(W/Kg) | SAR2 (W/Kg) | Ri(mm) | SPLSR | Ratio Limit | Simultaneous SAR |
|---|---|---|---|---|---|---|
| back | 1.461 | 0.556 | 211.178 | 0.014 | 0.04 | Not Required |

The above numeral summed SAR results and SPLSR analysis is sufficient to determine that simultaneous transmission cases will not exceed the SAR limit and therefore simultaneous transmission SAR with Volume Scans is not required per KDB 447498 D01v05r02.

# APPENDIX

## 1. Test Layout

**Specific Absorption Rate Test Layout**

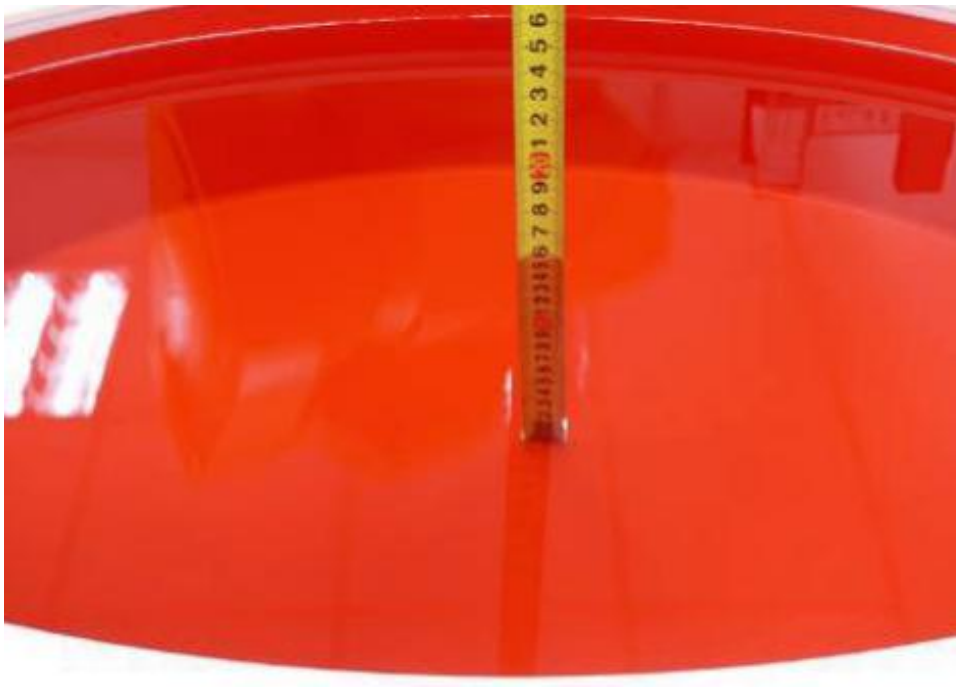
**Liquid depth in the flat Phantom (≥15cm depth)**

Body 835MHz 15.4cm

Body1750MHz 15.2cm

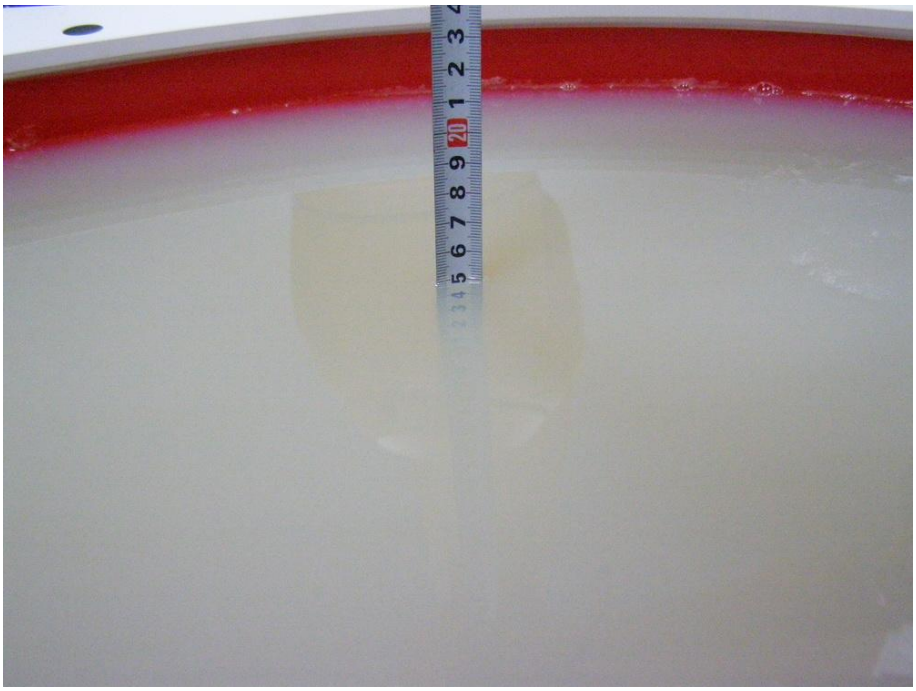
Body 1900MHz 15.1cm

Body 2450MHz 15.3cm



Body 2600MHz 15.3cm

Body 5GHz 15.1cm



## 2. System Check Plots

Date/Time: 04/24/2015 08:43:25

**Test Laboratory: BTL Inc.**

**SystemPerformanceCheck-835 Body**

**DUT: Dipole 835 MHz D835V2; Type: D835V2; Serial: D835V2 - SN:4d160**

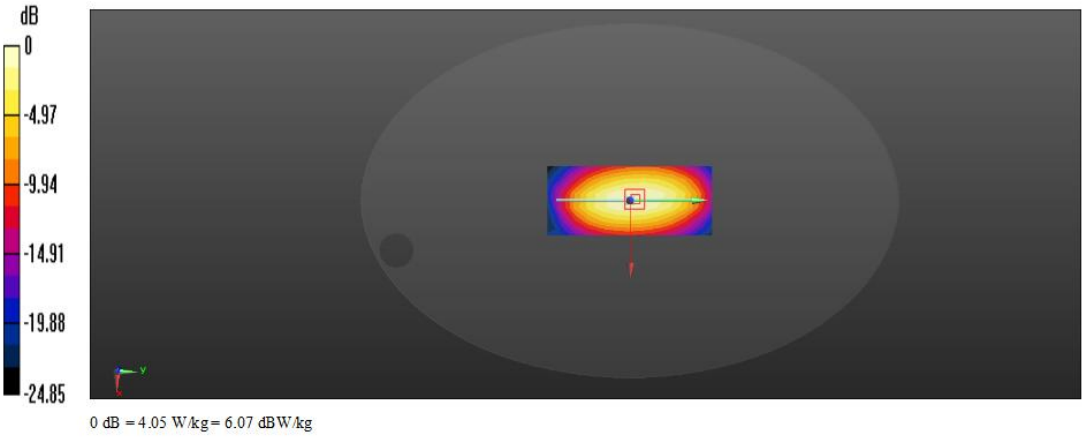
Communication System: UID 0, CW (0); Frequency: 835 MHz
Medium parameters used: f = 835 MHz; $\sigma$ = 0.94 S/m; $\varepsilon_r$ = 55.192; $\rho$ = 1000 kg/$m^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.19, 10.19, 10.19); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**System Performance Check at Frequency at 835MHz/d=15mm, Pin=250 mW, dist=2.0mm (EX-Probe)/Area Scan (6x13x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 4.05 W/kg

**System Performance Check at Frequency at 835MHz/d=15mm, Pin=250 mW, dist=2.0mm (EX-Probe)/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 56.563 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 3.43 W/kg
**SAR(1 g) = 2.32 W/kg; SAR(10 g) = 1.53 W/kg**
Maximum value of SAR (measured) = 3.01 W/kg



Date/Time: 04/27/2015 12:24:12

**Test Laboratory: BTL Inc.**

**SystemPerformanceCheck-1750 Body**

**DUT: Dipole 1750 MHz D1750V2; Type: D1750V2; Serial: D1750V2 - SN:1101**

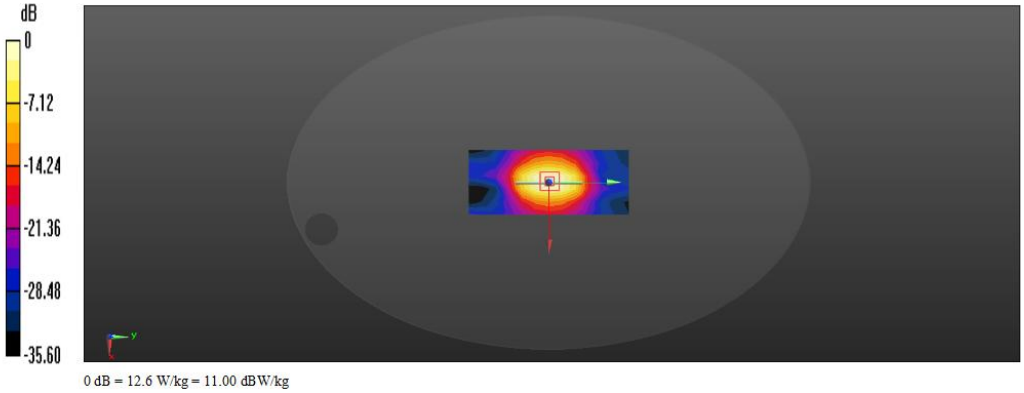
Communication System: UID 0, CW (0); Frequency: 1750 MHz
Medium parameters used: f = 1750 MHz; $\sigma$ = 1.45 S/m; $\varepsilon_r$ = 53.423; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.08, 8.08, 8.08); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**System Performance Check at 1750MHz/d=15mm, Pin=250 mW, dist=2.0mm (EX-Probe) 2450MHz Body/Area Scan (5x9x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 12.6 W/kg

**System Performance Check at 1750MHz/d=15mm, Pin=250 mW, dist=2.0mm (EX-Probe) 2450MHz Body/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 95.324 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 14.46 W/kg
**SAR(1 g) = 8.97 W/kg; SAR(10 g) = 4.96 W/kg**
Maximum value of SAR (measured) = 12.23 W/kg



Date/Time: 04/22/2015 10:42:25

**Test Laboratory: BTL Inc.**

**System Check at 1900 Body**

**DUT: Dipole 1900 MHz D1900V2; Type: D1900V2; Serial: D1900V2 - SN:5d179**

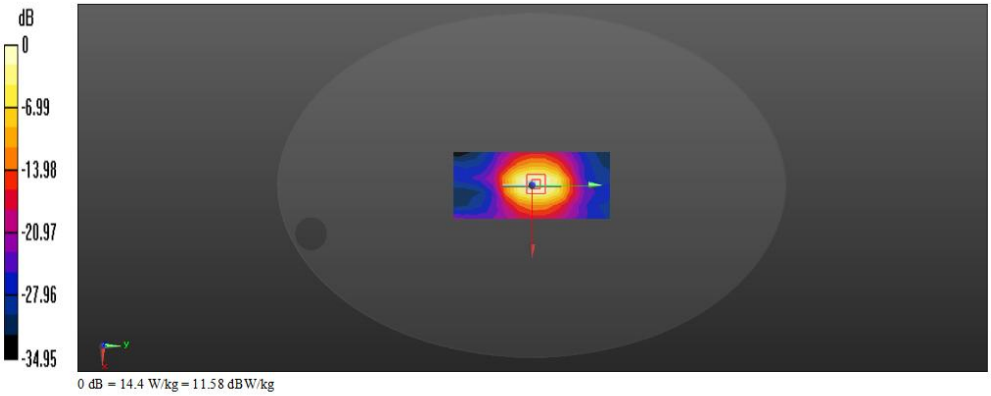
Communication System: UID 0, CW (0); Frequency: 1900 MHz
Medium parameters used: f = 1900 MHz; $\sigma$ = 1.49 S/m; $\varepsilon_r$ = 53.287; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.86, 7.86, 7.86); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/10/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**System Check at 1900MHz/Area Scan (3x9x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 14.4 W/kg

**System Check at 1900MHz/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 90.257 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 16.51 W/kg
**SAR(1 g) = 9.87 W/kg; SAR(10 g) = 5.25 W/kg**
Maximum value of SAR (measured) = 11.65 W/kg



Date/Time: 04/28/2015 16:06:35

**Test Laboratory: BTL Inc.**

**System Performance Check Body 2450 MHz**

**DUT: Dipole 2450 MHz D2450V2; Type: D2450V2; Serial: D2450V2 - SN:919**

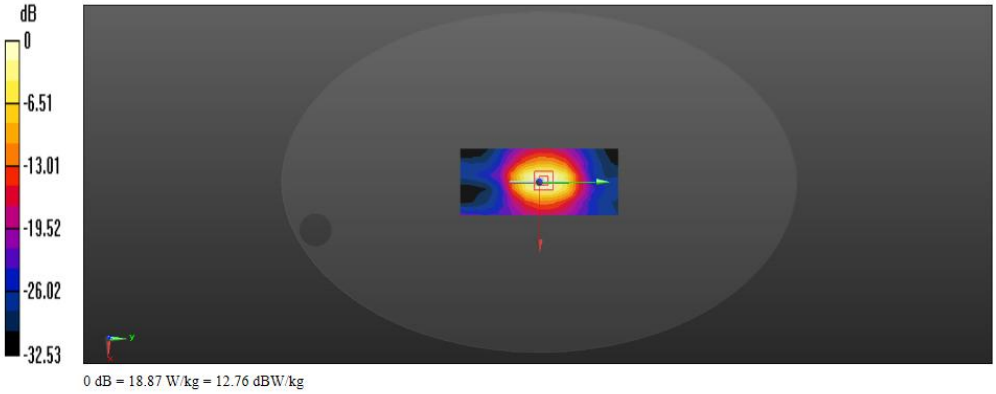
Communication System: UID 0, CW (0); Frequency: 2450 MHz
Medium parameters used: f = 2450 MHz; $\sigma$ = 1.92 S/m; $\varepsilon_r$ = 52.672; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.60, 7.60, 7.60); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**System Performance Check at 2450MHz/d=10mm, Pin=250 mW, dist=2.0mm (EX-Probe)/Area Scan (5x7x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 18.87 W/kg

**System Performance Check at 2450MHz/d=10mm, Pin=250 mW, dist=2.0mm (EX-Probe)/Zoom Scan (7x7x7) (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 97.264 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 25.56 W/kg
**SAR(1 g) = 12.67 W/kg; SAR(10 g) = 5.96 W/kg**
Maximum value of SAR (measured) = 19.25 W/kg



0 dB = 18.87 W/kg = 12.76 dBW/kg

Date/Time: 04/26/2015 16:14:22

**Test Laboratory: BTL Inc.**

**System Performance Check Body 2600MHz**

**DUT: Dipole 2600 MHz D2600V2; Type: D2600V2; Serial: D2600V2 - SN1067**

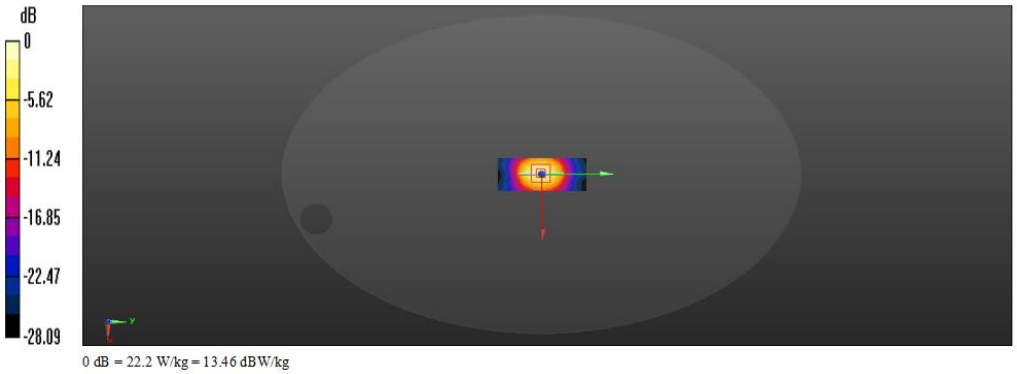
Communication System: UID 0, CW (0); Frequency: 2600 MHz
Medium parameters used: f = 2600 MHz; $\sigma$ = 2.13 S/m; $\varepsilon_r$ = 52.506; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.48, 7.48, 7.48); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**System Check/System Check Body 2600MHz/Area Scan (6x9x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 22.2 W/kg

**System Check/System Check Body 2600MHz/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 98.524 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 25.6 W/kg
**SAR(1 g) = 14.32 W/kg; SAR(10 g) = 6.46 W/kg**
Maximum value of SAR (measured) = 27.85 W/kg



Date/Time: 05/07/2015 08:15:21

**Test Laboratory: BTL Inc.**

**SystemPerformanceCheck-5200MHz Body**

**DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: D5GHzV2 - SN:1160**

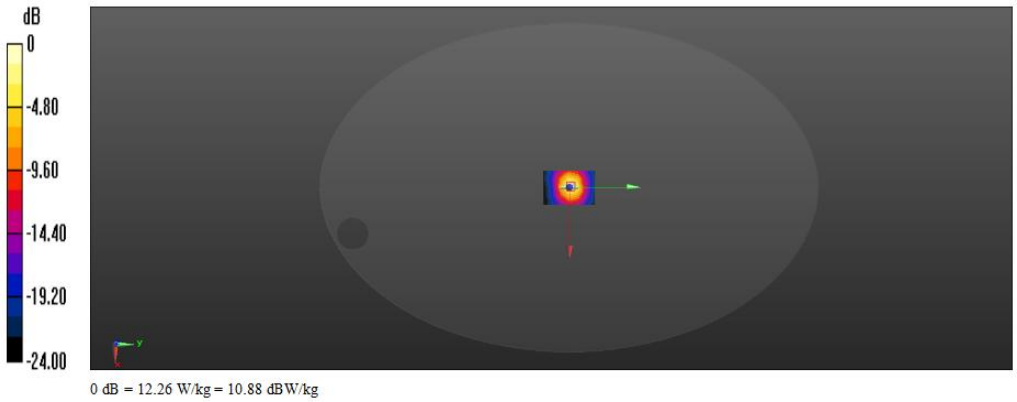
Communication System: UID 0, CW (0); Frequency: 5200 MHz
Medium parameters used: f = 5200 MHz; $\sigma$ = 5.25 S/m; $\varepsilon_r$ = 49.018; $\rho$ = 996 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(5.17, 5.17, 5.17); Calibrated: 01/30/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**System Check MSL 5200/Area Scan (6x6x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 12.26 W/kg

**System Check MSL 5200/Zoom Scan (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 37.254 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 27.54 W/kg
**SAR(1 g) = 7.54 W/kg; SAR(10 g) = 2.10 W/kg**
Maximum value of SAR (measured) = 14.25 W/kg



Date/Time: 05/07/2015 20:42:32

**Test Laboratory: BTL Inc.**

**SystemPerformanceCheck-5300MHz Body**

**DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: D5GHzV2 - SN:1160**

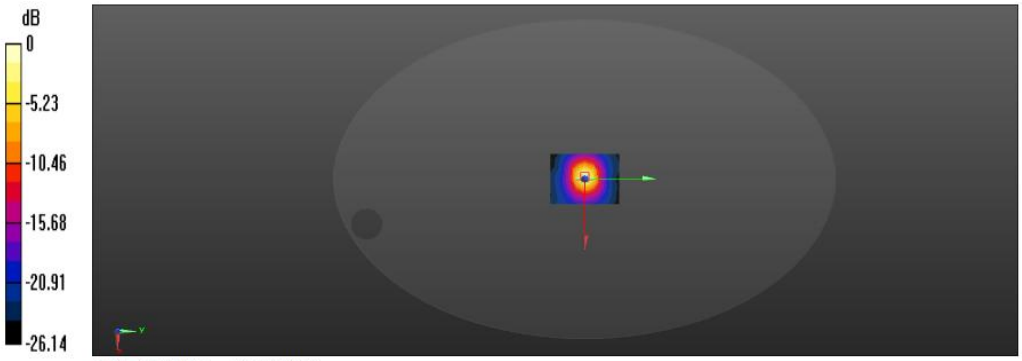
Communication System: UID 0, CW (0); Frequency: 5300 MHz
Medium parameters used: f = 5300 MHz; $\sigma$ = 5.38 S/m; $\varepsilon_r$ = 48.867; $\rho$ = 996 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(4.97, 4.97, 4.97); Calibrated: 01/30/2015;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**System Check MSL 5300/Area Scan (6x6x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 13.56 W/kg

**System Check MSL 5200/Zoom Scan (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 37.651 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 25.54 W/kg
**SAR(1 g) = 7.59 W/kg; SAR(10 g) = 2.16 W/kg**
Maximum value of SAR (measured) = 13.72 W/kg



0 dB = 13.56 W/kg = 11.32 dBW/kg

Date/Time: 05/08/2015 07:19:26

**Test Laboratory: BTL Inc.**

**SystemPerformanceCheck-5500 Body**

**DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: D5GHzV2 - SN:1160**

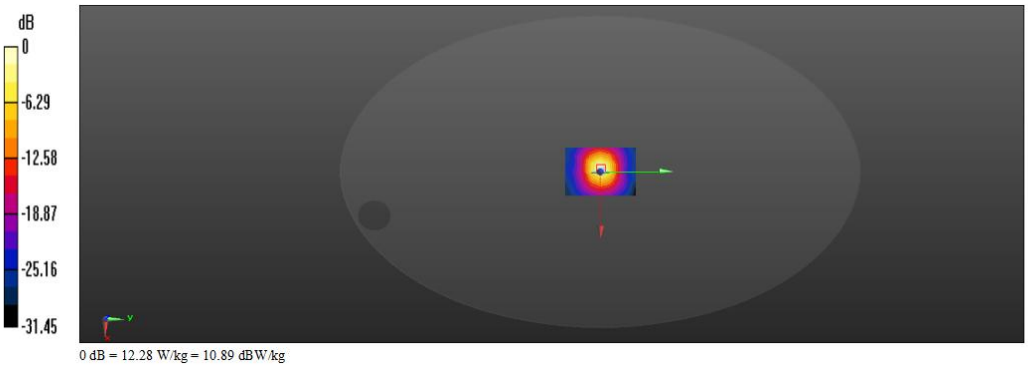
Communication System: UID 0, CW (0); Frequency: 5500 MHz
Medium parameters used: f = 5500 MHz; $\sigma$ = 5.62 S/m; $\varepsilon_r$ = 48.565; $\rho$ = 996 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(4.54, 4.54, 4.54); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration 2/System Check MSL 5500/Area Scan (6x6x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 12.28 W/kg

**Configuration 2/System Check MSL 5500/Zoom Scan (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 33.628 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 28.87 W/kg
**SAR(1 g) = 8.07 W/kg; SAR(10 g) = 2.24 W/kg**
Maximum value of SAR (measured) = 13.54 W/kg



Date/Time: 05/08/2015 17:45:37

Test Laboratory: BTL Inc.

**SystemPerformanceCheck-5600MHz Body**

**DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: D5GHzV2 - SN:1160**

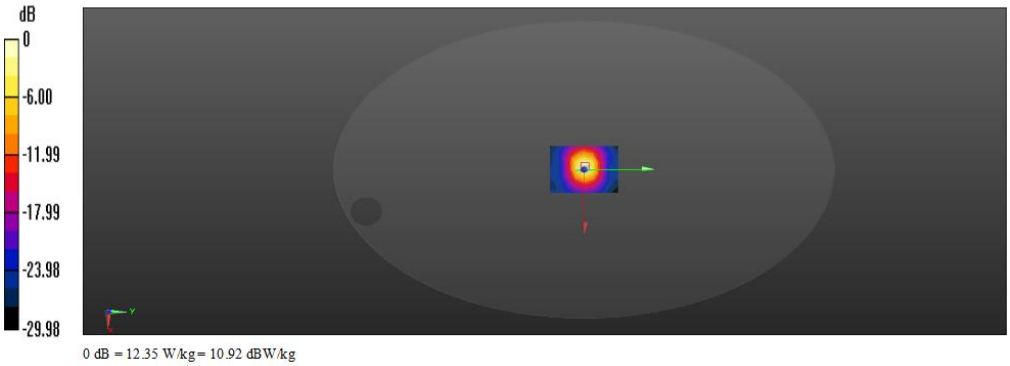
Communication System: UID 0, CW (0); Frequency: 5600 MHz
Medium parameters used: f = 5600 MHz; $\sigma$ = 5.72 S/m; $\varepsilon_r$ = 48.458; $\rho$ = 996 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(4.47, 4.47, 4.47); Calibrated: 01/30/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration 2/System Check MSL 5600/Area Scan (6x6x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 12.35 W/kg

**Configuration 2/System Check MSL 5600/Zoom Scan (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 33.548 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 32.586W/kg
**SAR(1 g) = 8.45 W/kg; SAR(10 g) = 2.35 W/kg**
Maximum value of SAR (measured) = 15.4 W/kg



Date/Time: 05/09/2015 08:25:55

Test Laboratory: BTL Inc.

**SystemPerformanceCheck-5800MHz Body**

**DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: D5GHzV2 - SN:1160**

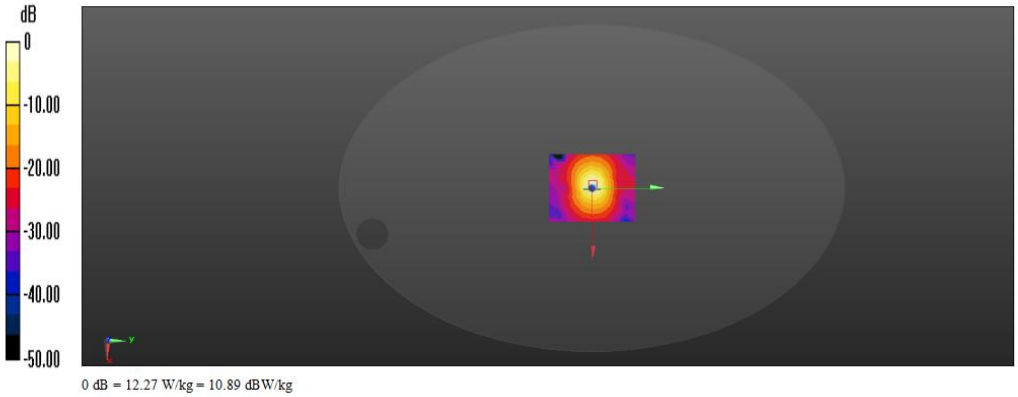
Communication System: UID 0, CW (0); Frequency: 5800 MHz
Medium parameters used: f = 5800 MHz; $\sigma$ = 5.95 S/m; $\varepsilon_r$ = 48.168; $\rho$ = 996 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(4.50, 4.50, 4.50); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Configuration 2/System Check MSL 5800GHz/Area Scan (8x8x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 12.27 W/kg

**Configuration 2/System Check MSL 5800GHz/Zoom Scan (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 31.568V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 29.1 W/kg
**SAR(1 g) = 7.37 W/kg; SAR(10 g) = 2.05 W/kg**
Maximum value of SAR (measured) = 12.54 W/kg



## 3.SAR Measurement Plots

Date/Time: 04/24/2015 10:06:41

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L GSM850 GPRS 2TX Test Position 2 distance=0mm Repeat test**

**DUT: Media pad ; Type: M2-802L; Serial: NA**

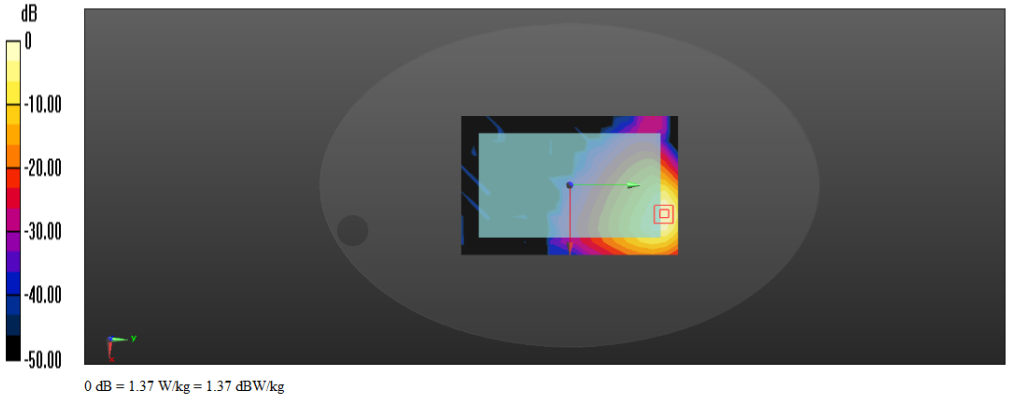
Communication System: UID 0, Generic GSM (0); Frequency: 836.6 MHz
Medium parameters used (interpolated): f = 836.6 MHz; $\sigma$ = 0.98 S/m; $\varepsilon_r$ = 55.868; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.19, 10.19, 10.19); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2 0mm/M2-802L/Area Scan (12x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.37 W/kg

**Test Position 2 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.602 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 2.10 W/kg
**SAR(1 g) = 0.927 W/kg; SAR(10 g) = 0.480 W/kg**
Maximum value of SAR (measured) = 1.59 W/kg



Date/Time: 04/24/2015 09:17:29

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L GSM850 GPRS 2TX Test Position 2 distance=0mm**

**DUT: Media pad ; Type: M2-802L; Serial: NA**

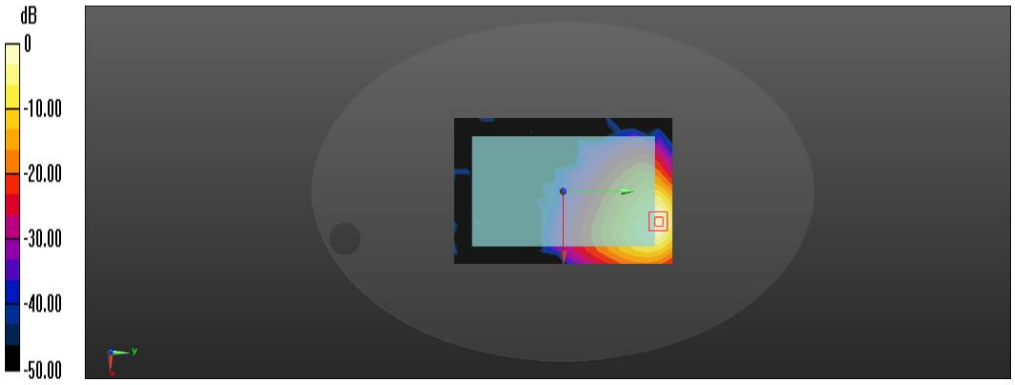
Communication System: UID 0, Generic GSM (0); Frequency: 836.6 MHz
Medium parameters used (interpolated): f = 836.6 MHz; $\sigma$ = 0.98 S/m; $\varepsilon_r$ = 55.868; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.19, 10.19, 10.19); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2 0mm/M2-802L/Area Scan (12x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.38 W/kg

**Test Position 2 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.595 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 2.12 W/kg
**SAR(1 g) = 0.933 W/kg; SAR(10 g) = 0.485 W/kg**
Maximum value of SAR (measured) = 1.64 W/kg



0 dB = 1.38 W/kg = 1.40 dBW/kg

Date/Time: 04/24/2015 10:56:30

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L GSM850 GPRS 2TX Test Position 2 distance=0mm High**

**DUT: Media pad ; Type: M2-802L; Serial: NA**

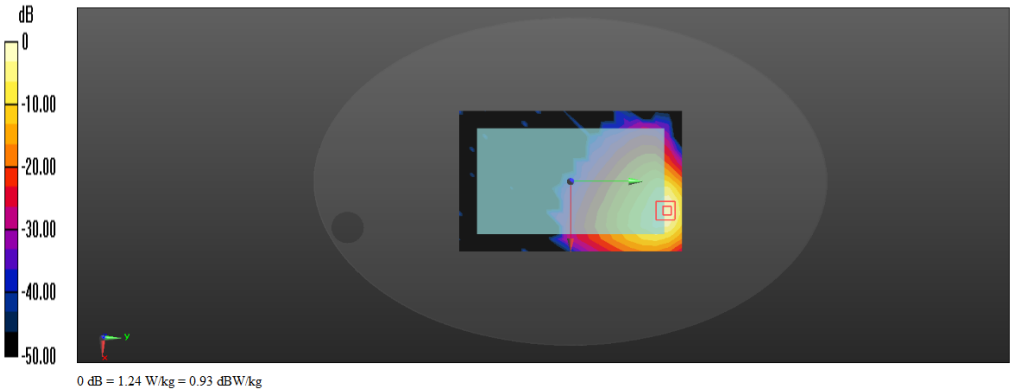
Communication System: UID 0, Generic GSM (0); Frequency: 848.6 MHz
Medium parameters used (interpolated): f = 848.6 MHz; $\sigma$ = 0.98 S/m; $\varepsilon_r$ = 55.771; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.19, 10.19, 10.19); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2 0mm/M2-802L/Area Scan (12x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.24 W/kg

**Test Position 2 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.671 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 2.02 W/kg
**SAR(1 g) = 0.904 W/kg; SAR(10 g) = 0.470 W/kg**
Maximum value of SAR (measured) = 1.58 W/kg



Date/Time: 04/24/2015 11:40:15

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L GSM850 GPRS 2TX Test Position 2 distance=0mm Low**

**DUT: Media pad ; Type: M2-802L; Serial: NA**

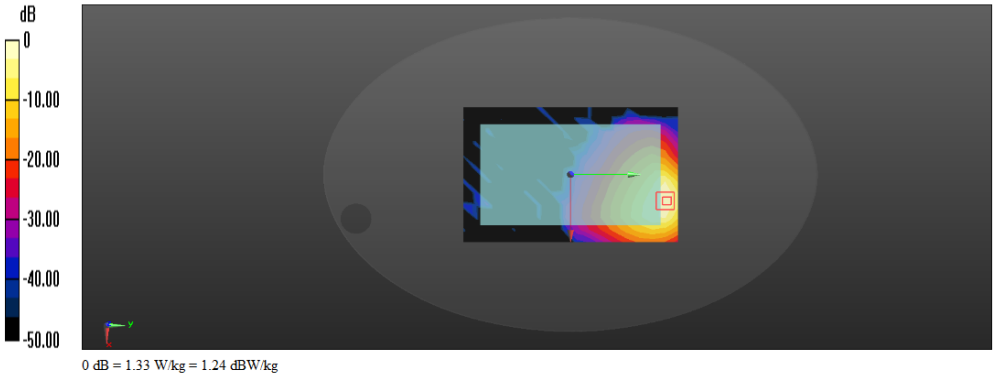
Communication System: UID 0, Generic GSM (0); Frequency: 824.2 MHz
Medium parameters used (interpolated): f = 824.2 MHz; $\sigma$ = 0.99 S/m; $\varepsilon_r$ = 55.9; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.19, 10.19, 10.19); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2 0mm/M2-802L/Area Scan (12x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.33 W/kg

**Test Position 2 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.365 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 2.08 W/kg
**SAR(1 g) = 0.917 W/kg; SAR(10 g) = 0.477 W/kg**
Maximum value of SAR (measured) = 1.60 W/kg



Date/Time: 04/24/2015 12:41:45

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L GSM850 GPRS 2TX Test Position 3 distance=0mm**

**DUT: Media pad ; Type: M2-802L; Serial: NA**

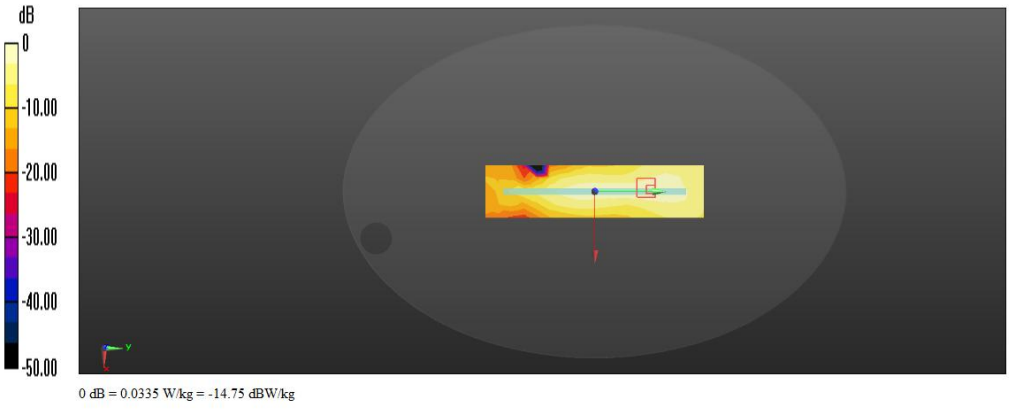
Communication System: UID 0, Generic GSM (0); Frequency: 836.6 MHz
Medium parameters used (interpolated): f = 836.6 MHz; $\sigma$ = 0.98 S/m; $\varepsilon_r$ = 55.868; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.19, 10.19, 10.19); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 3 0mm/M2-802L/Area Scan (5x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0335 W/kg

**Test Position 3 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.631 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.0690 W/kg
**SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.014 W/kg**
Maximum value of SAR (measured) = 0.0497 W/kg



Date/Time: 04/24/2015 19:35:53

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L GSM850 GPRS 2TX Test Position 4 distance=0mm**

**DUT: Smart phone ; Type: M2-802L; Serial: NA**

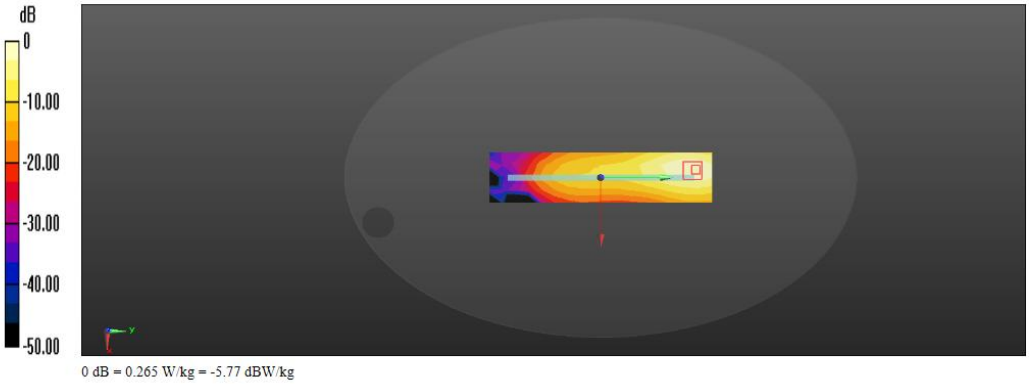
Communication System: UID 0, Generic GSM (0); Frequency: 836.6 MHz
Medium parameters used (interpolated): f = 836.6 MHz; $\sigma$ = 0.98 S/m; $\varepsilon_r$ = 55.868; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.19, 10.19, 10.19); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 4 0mm/M2-802L/Area Scan (5x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.265 W/kg

**Test Position 4 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.282 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.562 W/kg
**SAR(1 g) = 0.279 W/kg; SAR(10 g) = 0.167 W/kg**
Maximum value of SAR (measured) = 0.452 W/kg



Date/Time: 04/24/2015 13:53:45

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L GSM850 GPRS 2TX Test Position 6 distance=0mm**

**DUT: Media pad ; Type: M2-802L; Serial: NA**

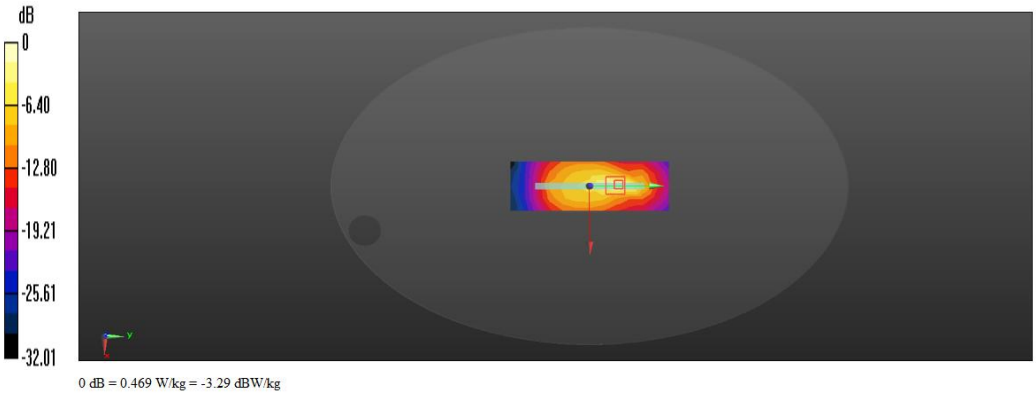
Communication System: UID 0, Generic GSM (0); Frequency: 836.6 MHz
Medium parameters used (interpolated): f = 836.6 MHz; $\sigma$ = 0.98 S/m; $\varepsilon_r$ = 55.868; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.19, 10.19, 10.19); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 6 0mm/M2-802L/Area Scan (5x13x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.469 W/kg

**Test Position 6 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.933 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.823 W/kg
**SAR(1 g) = 0.312 W/kg; SAR(10 g) = 0.144 W/kg**
Maximum value of SAR (measured) = 0.572 W/kg




0 dB = 0.469 W/kg = -3.29 dBW/kg

Date/Time: 04/22/2015 17:54:47

**Test Laboratory: BTL Inc.**

**Huawei MedialPal M2-802L GSM1900 GPRS 2TX Test Position 2 distance=0mm Repeat test**

**DUT: Media pad ; Type: M2-802L; Serial: NA**

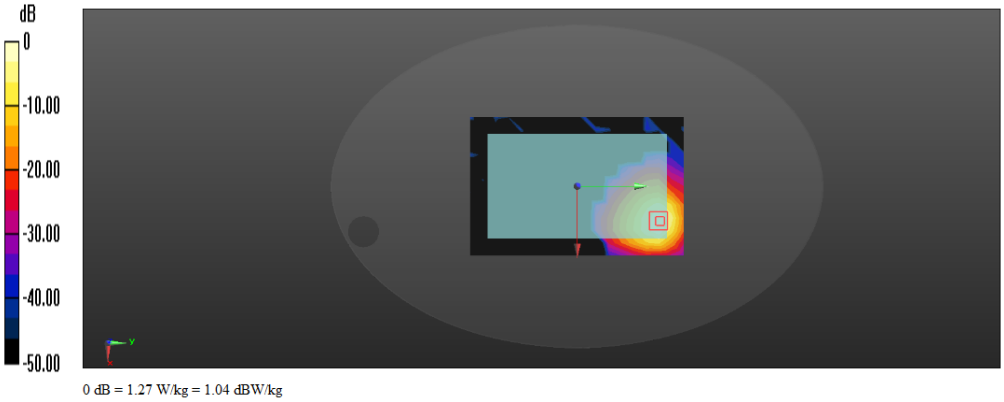
Communication System: UID 0, Generic GSM (0); Frequency: 1909.8 MHz
Medium parameters used: f = 1909.8 MHz; $\sigma$ = 1.61 S/m; $\varepsilon_r$ = 51.03; $\rho$ = 1000 kg/$m^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.86, 7.86, 7.86); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2 0mm/M2-802L/Area Scan (12x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.27 W/kg

**Test Position 2 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 2.15 W/kg
**SAR(1 g) = 0.980 W/kg; SAR(10 g) = 0.477 W/kg**
Maximum value of SAR (measured) = 1.65 W/kg



Date/Time: 04/22/2015 09:21:05

**Test Laboratory: BTL Inc.**

**Huawei MediaIPal M2-802L GSM1900 GPRS 2TX Test Position 2 distance=0mm**

**DUT: Media pad ; Type: M2-802L; Serial: NA**

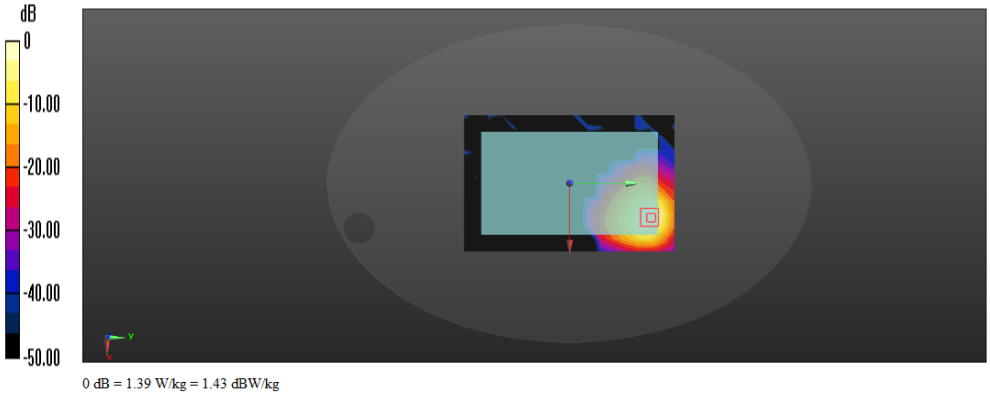
Communication System: UID 0, Generic GSM (0); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.58 S/m; $\varepsilon_r$ = 51.15; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.86, 7.86, 7.86); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2 0mm/M2-802L/Area Scan (12x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.39 W/kg

**Test Position 2 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 2.34 W/kg
**SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.509 W/kg**
Maximum value of SAR (measured) = 1.81 W/kg



Date/Time: 04/22/2015 19:09:19

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L GSM1900 GPRS 2TX Test Position 2 distance=0mm High**

**DUT: Media pad ; Type: M2-802L; Serial: NA**

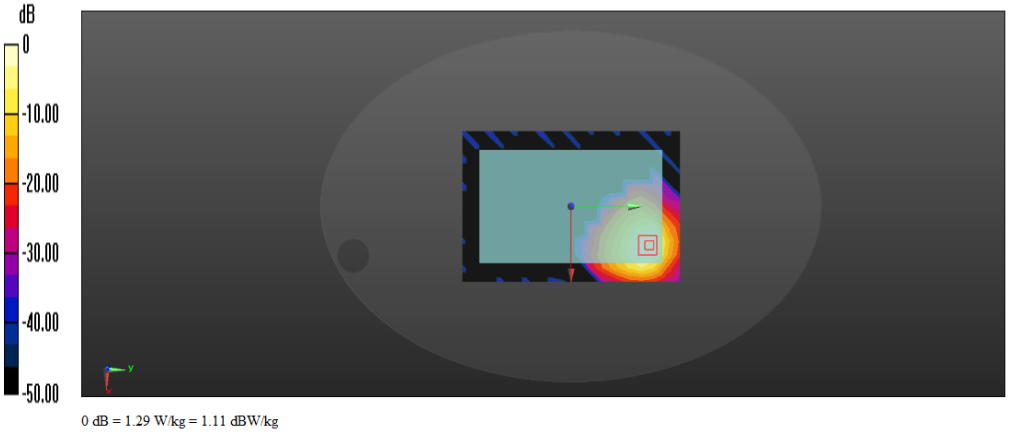
Communication System: UID 0, Generic GSM (0); Frequency: 1909.8 MHz
Medium parameters used: f = 1909.8 MHz; $\sigma$ = 1.61 S/m; $\varepsilon_r$ = 51.03; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.86, 7.86, 7.86); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Back Side 0mm/M2-802L/Area Scan (12x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.29 W/kg

**Back Side 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 2.68 W/kg
**SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.586 W/kg**
Maximum value of SAR (measured) = 2.10 W/kg



0 dB = 1.29 W/kg = 1.11 dBW/kg

Date/Time: 04/22/2015 19:53:35

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L GSM1900 GPRS 2TX Test Position 2 distance=0mm Low**

**DUT: Media pad ; Type: M2-802L; Serial: NA**

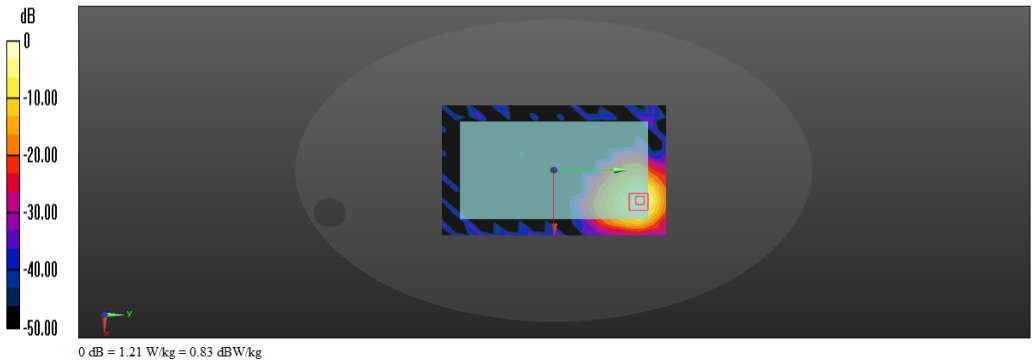
Communication System: UID 0, Generic GSM (0); Frequency: 1850.2 MHz
Medium parameters used: f = 1850.2 MHz; $\sigma$ = 1.52 S/m; $\varepsilon_r$ = 51.25; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.86, 7.86, 7.86); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Back Side 0mm/M2-802L/Area Scan (12x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.21 W/kg

**Back Side 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.93 W/kg
**SAR(1 g) = 0.858 W/kg; SAR(10 g) = 0.408 W/kg**
Maximum value of SAR (measured) = 1.43 W/kg



Date/Time: 04/22/2015 20:33:05

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L GSM1900 Test Position 2 distance=0mm High earphone**

**DUT: Media pad ; Type: M2-802L; Serial: NA**

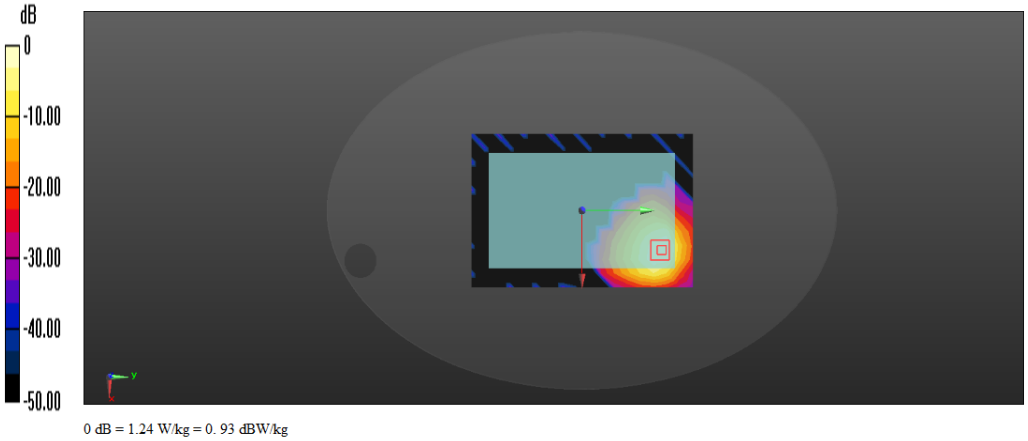
Communication System: UID 0, Generic GSM (0); Frequency: 1909.8 MHz
Medium parameters used: f = 1909.8 MHz; $\sigma$ = 1.61 S/m; $\varepsilon_r$ = 51.03; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.86, 7.86, 7.86); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Back Side 0mm/M2-802L/Area Scan (12x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.24 W/kg

**Back Side 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.235 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 2.45 W/kg
**SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.523 W/kg**
Maximum value of SAR (measured) = 2.32 W/kg




0 dB = 1.24 W/kg = 0. 93 dBW/kg

Date/Time: 04/23/2015 08:19:41

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L GSM1900 GPRS 2TX Test Position 3 distance=0mm**

**DUT: Media pad ; Type: M2-802L; Serial: NA**

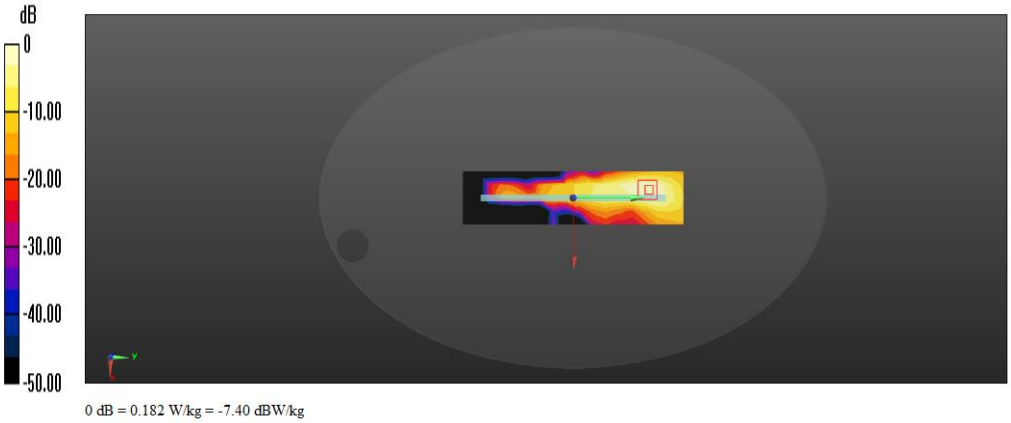
Communication System: UID 0, Generic GSM (0); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.58 S/m; $\varepsilon_r$ = 51.15; $\rho$ = 1000 kg/$m^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.86, 7.86, 7.86); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Left Side 0mm/M2-802L/Area Scan (5x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.182 W/kg

**Left Side 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.322 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.455 W/kg
**SAR(1 g) = 0.197 W/kg; SAR(10 g) = 0.090 W/kg**
Maximum value of SAR (measured) = 0.359 W/kg




0 dB = 0.182 W/kg = -7.40 dBW/kg

Date/Time: 04/23/2015 08:50:17

**Test Laboratory: BTL Inc.**

**Huawei MedialPal M2-802L GSM1900 GPRS 2TX Test Position 6 distance=0mm**

**DUT: Media pad ; Type: M2-802L; Serial: NA**

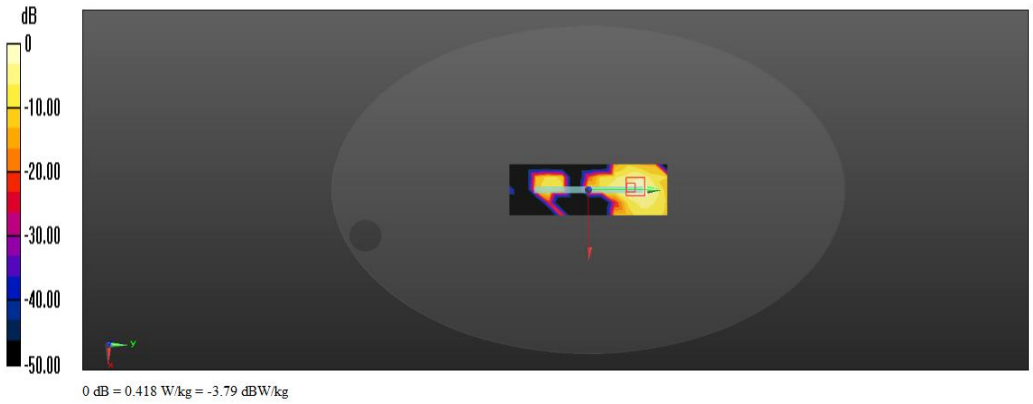
Communication System: UID 0, Generic GSM (0); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.58 S/m; $\varepsilon_r$ = 51.15; $\rho$ = 1000 kg/$m^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.86, 7.86, 7.86); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 6 0mm/M2-802L/Area Scan (5x13x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.418 W/kg

**Test Position 6 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.761 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.740 W/kg
**SAR(1 g) = 0.353 W/kg; SAR(10 g) = 0.137 W/kg**
Maximum value of SAR (measured) = 0.551 W/kg



Date/Time: 04/22/2015 11:51:06

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L UMTS Band 2 Test Position 2 distance=0mm low repeat test**

**DUT: Media pad ; Type: M2-802L; Serial: NA**

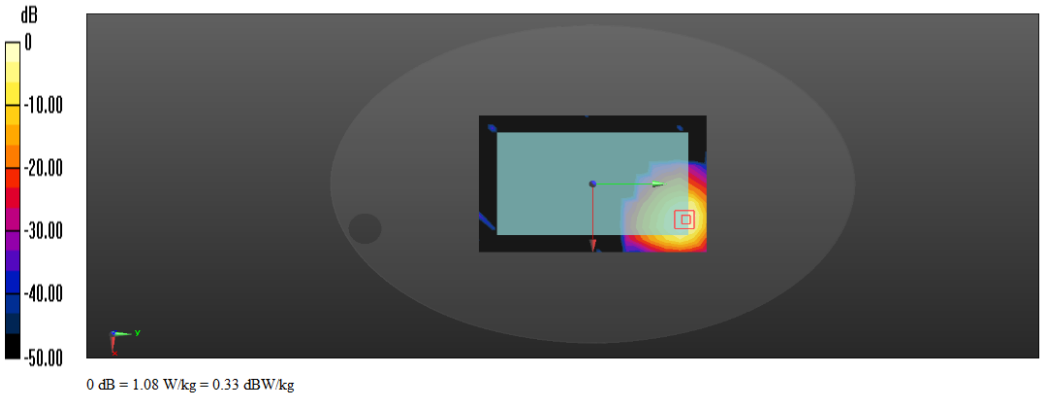
Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1852.4 MHz
Medium parameters used (interpolated): f = 1852.4 MHz; $\sigma$ = 1.524 S/m; $\varepsilon_r$ = 51.243; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.86, 7.86, 7.86); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2 0mm/M2-802L/Area Scan (12x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.08 W/kg

**Test Position 2 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 2.28 W/kg
**SAR(1 g) = 0.987 W/kg; SAR(10 g) = 0.490 W/kg**
Maximum value of SAR (measured) = 1.71 W/kg



Date/Time: 04/22/2015 11:08:16

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L UMTS Band 2 Test Position 2 distance=0mm**

**DUT: Media pad ; Type: M2-802L; Serial: NA**

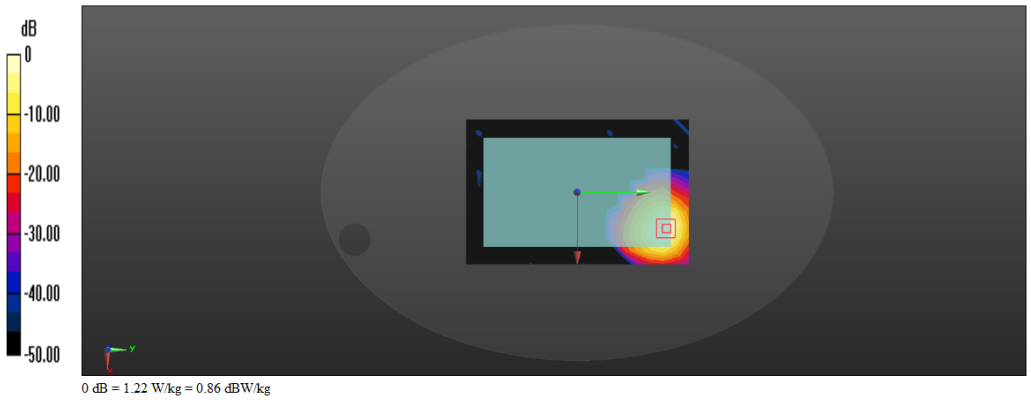
Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.58 S/m; $\varepsilon_r$ = 51.15; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.86, 7.86, 7.86); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Back Side 0mm/M2-802L/Area Scan (12x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.22 W/kg

**Back Side 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 2.46 W/kg
**SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.505 W/kg**
Maximum value of SAR (measured) = 1.80 W/kg



0 dB = 1.22 W/kg = 0.86 dBW/kg

Date/Time: 04/22/2015 14:37:37

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L UMTS Band 2 Test Position 2 distance=0mm High**

**DUT: Media pad ; Type: M2-802L; Serial: NA**

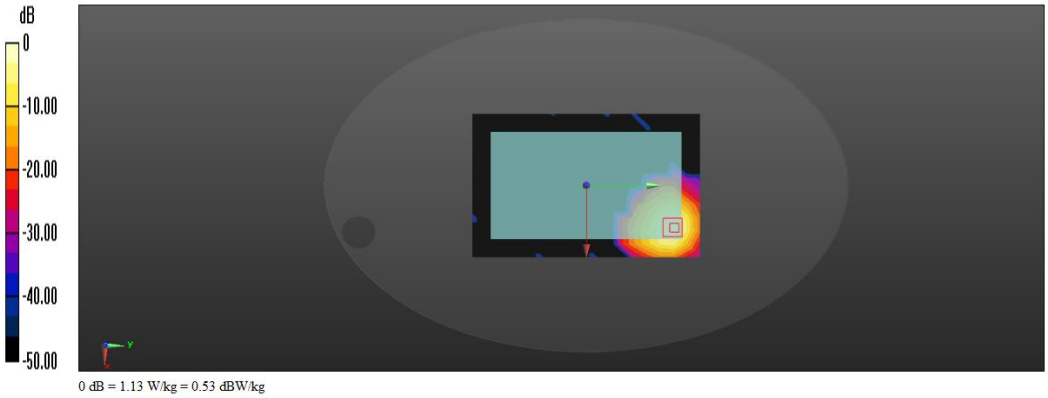
Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1907.6 MHz
Medium parameters used (interpolated): f = 1907.6 MHz; $\sigma$ = 1.606 S/m; $\varepsilon_r$ = 51.037; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.86, 7.86, 7.86); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2 0mm/M2-802L/Area Scan (12x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.13 W/kg

**Test Position 2 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.74 W/kg
**SAR(1 g) = 0.775 W/kg; SAR(10 g) = 0.371 W/kg**
Maximum value of SAR (measured) = 1.31 W/kg



Date/Time: 04/22/2015 15:25:49

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L UMTS Band 2 Test Position 2 distance=0mm Low**

**DUT: Media pad ; Type: M2-802L; Serial: NA**

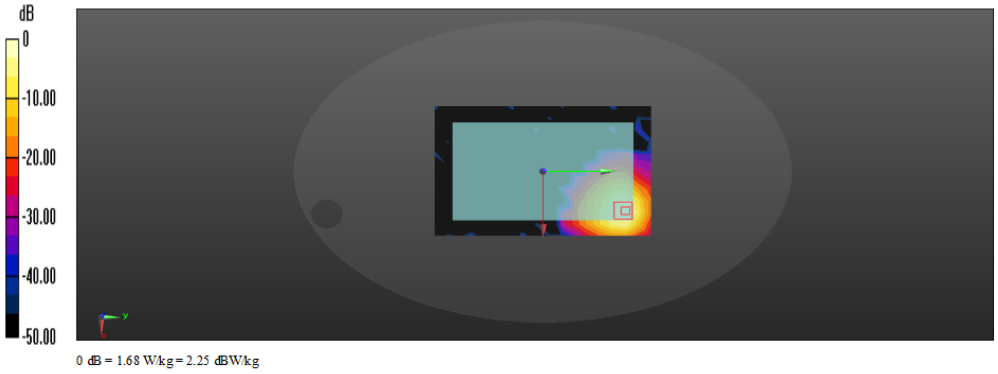
Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1852.4 MHz
Medium parameters used (interpolated): f = 1852.4 MHz; $\sigma$ = 1.524 S/m; $\varepsilon_r$ = 51.243; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.86, 7.86, 7.86); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2 0mm/M2-802L/Area Scan (12x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.68 W/kg

**Test Position 2 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 2.58 W/kg
**SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.555 W/kg**
Maximum value of SAR (measured) = 1.94 W/kg



Date/Time: 04/22/2015 17:14:09

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L UMTS Band 2 Test Position 2 distance=0mm Low earphone**

**DUT: Media pad ; Type: M2-802L; Serial: NA**

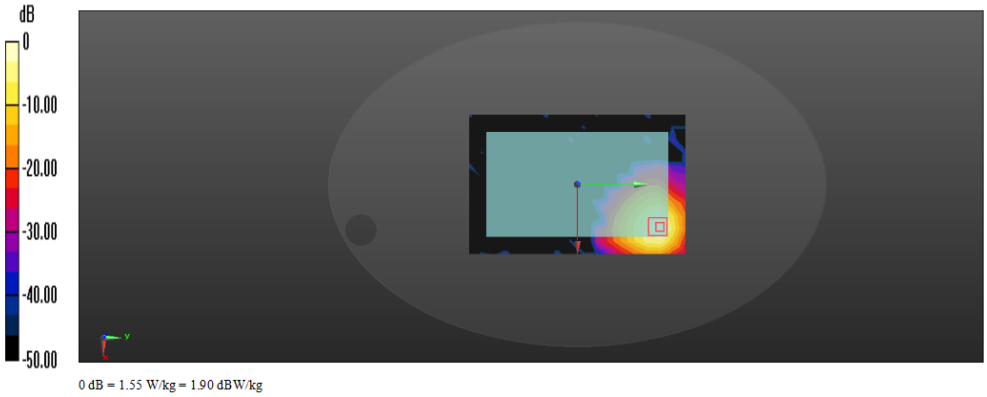
Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1852.4 MHz
Medium parameters used (interpolated): f = 1852.4 MHz; $\sigma$ = 1.524 S/m; $\varepsilon_r$ = 51.243; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.86, 7.86, 7.86); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2 0mm/M2-802L/Area Scan (12x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.55 W/kg

**Test Position 2 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.354 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 2.53 W/kg
**SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.524 W/kg**
Maximum value of SAR (measured) = 1.83 W/kg



Date/Time: 04/22/2015 13:35:43

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L UMTS Band 2 Test Position 3 distance=0mm**

**DUT: Mediat pad ; Type: M2-802L; Serial: NA**

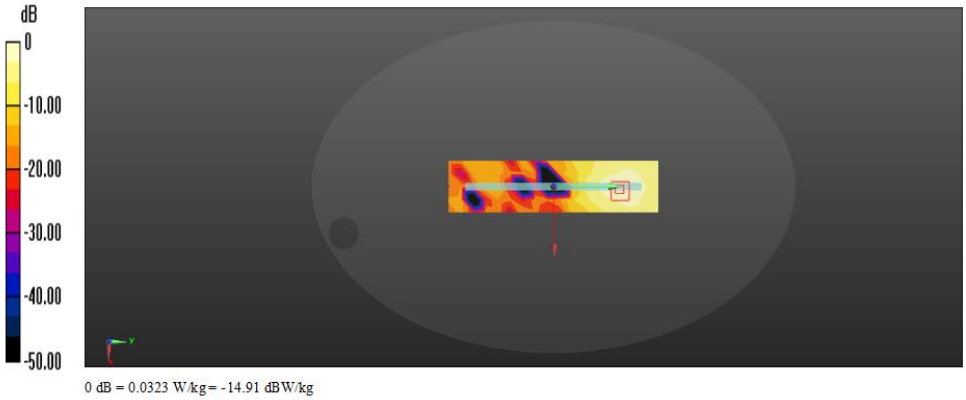
Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.58 S/m; $\varepsilon_r$ = 51.15; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.86, 7.86, 7.86); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 3 0mm/M2-802L/Area Scan (5x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0323 W/kg

**Test Position 3 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.302 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.0560 W/kg
**SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.013 W/kg**
Maximum value of SAR (measured) = 0.0423 W/kg



Date/Time: 04/22/2015 16:14:37

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L UMTS Band 2 Test Position 6 distance=0mm**

**DUT: Media pad ; Type: M2-802L; Serial: NA**

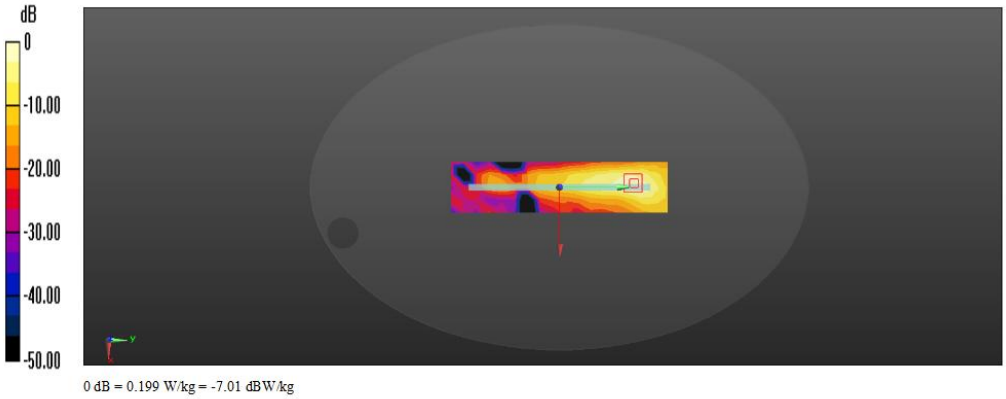
Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.58 S/m; $\varepsilon_r$ = 51.15; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.86, 7.86, 7.86); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 6 0mm/M2-802L/Area Scan (5x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.199 W/kg

**Test Position 6 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.341 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.403 W/kg
**SAR(1 g) = 0.180 W/kg; SAR(10 g) = 0.084 W/kg**
Maximum value of SAR (measured) = 0.299 W/kg



Date/Time: 04/27/2015 20:43:20

**Test Laboratory: BTL Inc.**

**Huawei Media Pad M2-802L UMTS Band 4 Test Position 2 distance=0mm High earphone**

**DUT: Media Pad; Type: Y635-L02; Serial: NA**

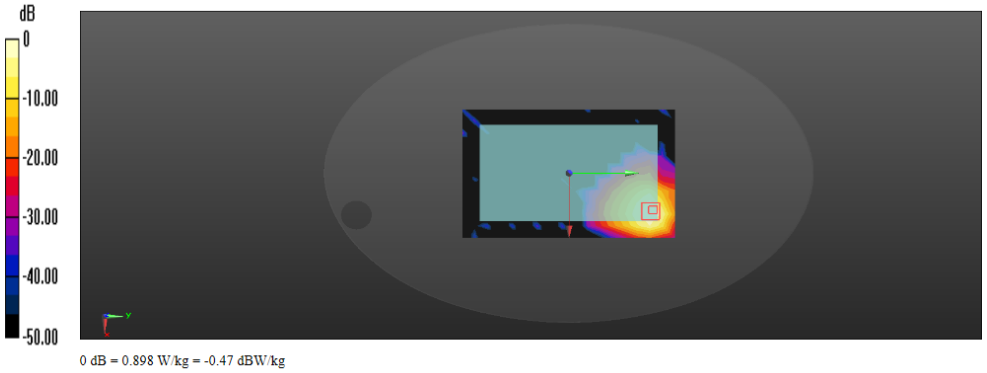
Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1752.6 MHz
Medium parameters used (interpolated): f = 1752.6 MHz; $\sigma$ = 1.484 S/m; $\varepsilon_r$ = 53.136; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.08, 8.08, 8.08); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2 0mm/M2-802L/Area Scan (12x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.898 W/kg

**Test Position 2 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.49 W/kg
**SAR(1 g) = 0.794 W/kg; SAR(10 g) = 0.456 W/kg**
Maximum value of SAR (measured) = 1.19 W/kg



Date/Time: 04/27/2015 12:56:03

**Test Laboratory: BTL Inc.**

**Huawei Media Pad M2-802L UMTS Band 4 Test Position 2 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

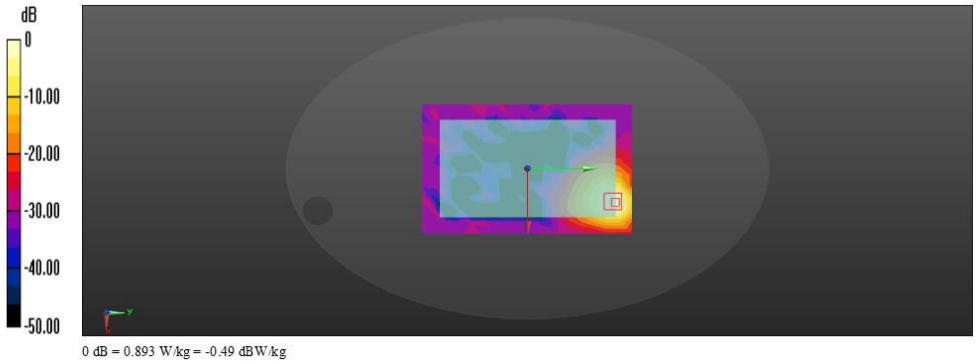
Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1732.6 MHz
Medium parameters used (interpolated): f = 1732.6 MHz; $\sigma$ = 1.466 S/m; $\varepsilon_r$ = 53.258; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.08, 8.08, 8.08); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2 0mm/M2-802L/Area Scan (12x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.893 W/kg

**Test Position 2 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.856 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.72 W/kg
**SAR(1 g) = 0.716 W/kg; SAR(10 g) = 0.359 W/kg**
Maximum value of SAR (measured) = 1.25 W/kg



Date/Time: 04/27/2015 13:39:36

**Test Laboratory: BTL Inc.**

**Huawei Media Pad M2-802L UMTS Band 4 Test Position 2 distance=0mm High**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

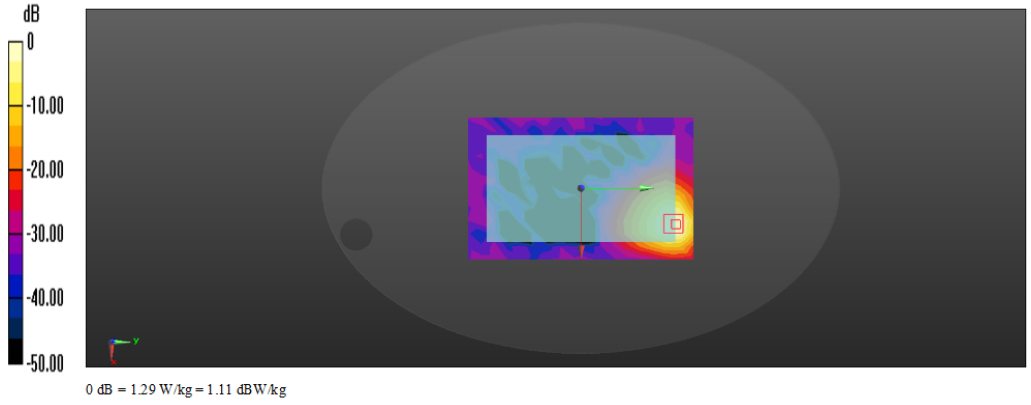
Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1752.6 MHz
Medium parameters used (interpolated): f = 1752.6 MHz; $\sigma$ = 1.484 S/m; $\varepsilon_r$ = 53.136; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.08, 8.08, 8.08); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2 0mm/M2-802L/Area Scan (12x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.29 W/kg

**Test Position 2 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 2.43 W/kg
**SAR(1 g) = 0.965 W/kg; SAR(10 g) = 0.517 W/kg**
Maximum value of SAR (measured) = 1.80 W/kg



Date/Time: 04/27/2015 14:20:56

**Test Laboratory: BTL Inc.**

**Huawei Media Pad M2-802L UMTS Band 4 Test Position 2 distance=0mm Low**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

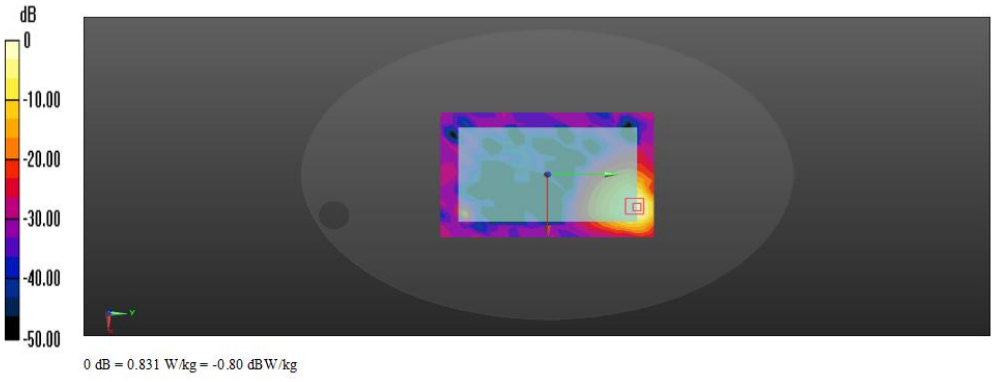
Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1712.4 MHz
Medium parameters used (interpolated): f = 1712.4 MHz; $\sigma$ = 1.45 S/m; $\varepsilon_r$ = 53.383; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.08, 8.08, 8.08); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2 0mm/M2-802L/Area Scan (12x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.831 W/kg

**Test Position 2 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.528 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.69 W/kg
**SAR(1 g) = 0.703 W/kg; SAR(10 g) = 0.353 W/kg**
Maximum value of SAR (measured) = 1.23 W/kg



Date/Time: 04/27/2015 16:04:28

**Test Laboratory: BTL Inc.**

**Huawei M2-802L UMTS Band 4 Test Position 2 distance=0mm High earphone**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

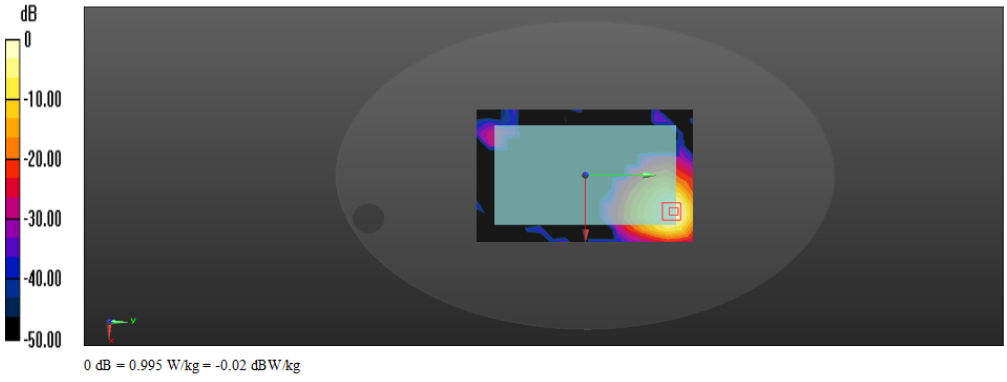
Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1752.6 MHz
Medium parameters used (interpolated): f = 1752.6 MHz; $\sigma$ = 1.484 S/m; $\varepsilon_r$ = 53.136; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.08, 8.08, 8.08); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2 0mm/M2-802L/Area Scan (12x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.995 W/kg

**Test Position 2 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 2.42 W/kg
**SAR(1 g) = 0.976 W/kg; SAR(10 g) = 0.513 W/kg**
Maximum value of SAR (measured) = 1.75 W/kg



0 dB = 0.995 W/kg = -0.02 dBW/kg

Date/Time: 04/27/2015 15:02:49

**Test Laboratory: BTL Inc.**

**Huawei M2-802L UMTS Band 4 Test Position 3 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

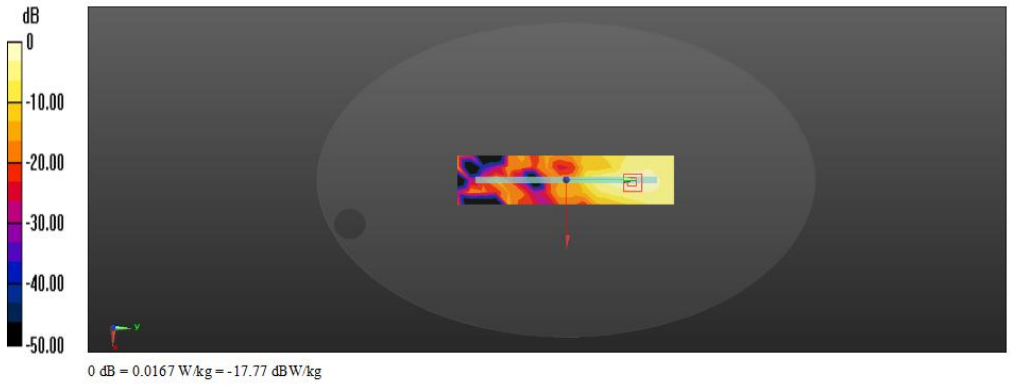
Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1732.6 MHz
Medium parameters used (interpolated): f = 1732.6 MHz; $\sigma$ = 1.466 S/m; $\varepsilon_r$ = 53.258; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.08, 8.08, 8.08); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 3 0mm/M2-802L/Area Scan (5x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0167 W/kg

**Test Position 3 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.596 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.0240 W/kg
**SAR(1 g) = 0.012 W/kg; SAR(10 g) = 0.00615 W/kg**
Maximum value of SAR (measured) = 0.0189 W/kg



Date/Time: 04/27/2015 15:32:46

**Test Laboratory: BTL Inc.**

**Huawei Media Pad M2-802L UMTS Band 4 Test Position 6 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

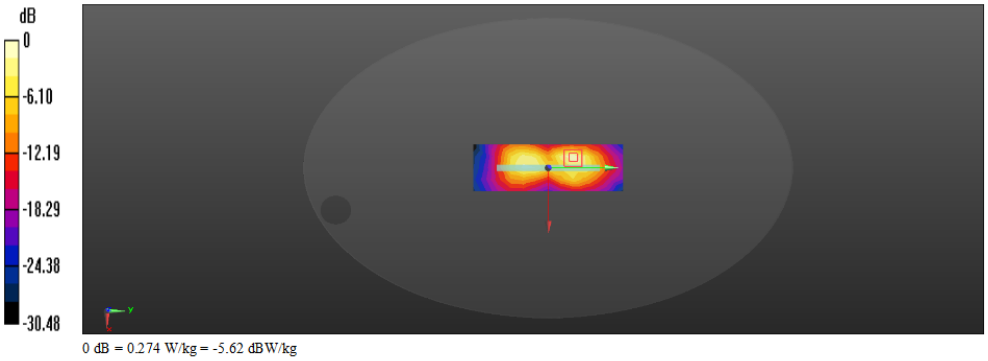
Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1732.6 MHz
Medium parameters used (interpolated): f = 1732.6 MHz; $\sigma$ = 1.466 S/m; $\varepsilon_r$ = 53.258; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.08, 8.08, 8.08); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 6 0mm/M2-802L/Area Scan (5x13x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.274 W/kg

**Test Position 6 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.201 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.430 W/kg
**SAR(1 g) = 0.196 W/kg; SAR(10 g) = 0.084 W/kg**
Maximum value of SAR (measured) = 0.362 W/kg



0 dB = 0.274 W/kg = -5.62 dBW/kg

Date/Time: 04/24/2015 15:15:09

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L UMTS Band 5 Test Position 2 distance=0mm Low Repeat test**

**DUT: Media pad ; Type: M2-802L; Serial: NA**

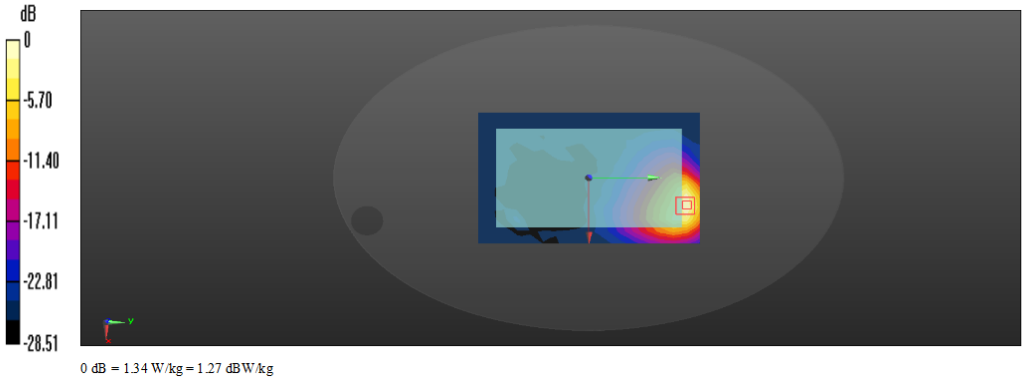
Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 826.4MHz
Medium parameters used (interpolated): f = 826.4MHz; $\sigma$ = 0.986 S/m; $\varepsilon_r$ = 55.896; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.19, 10.19, 10.19); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2 0mm/M2-802L/Area Scan (12x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.34 W/kg

**Test Position 2 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.718 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 2.09 W/kg
**SAR(1 g) = 0.889 W/kg; SAR(10 g) = 0.457 W/kg**
Maximum value of SAR (measured) = 1.58 W/kg



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**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L UMTS Band 5 Test Position 2 distance=0mm**

**DUT: Media pad ; Type: M2-802L; Serial: NA**

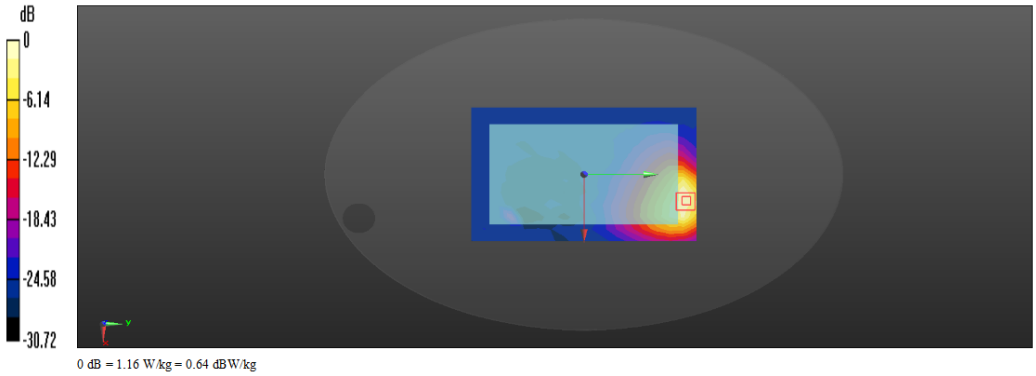
Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 836.6 MHz
Medium parameters used (interpolated): f = 836.6 MHz; $\sigma$ = 0.98 S/m; $\varepsilon_r$ = 55.868; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.19, 10.19, 10.19); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2 0mm/M2-802L/Area Scan (12x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.16 W/kg

**Test Position 2 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.396 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 2.11 W/kg
**SAR(1 g) = 0.903 W/kg; SAR(10 g) = 0.464 W/kg**
Maximum value of SAR (measured) = 1.57 W/kg



Date/Time: 04/24/2015 15:59:18

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L UMTS Band 5 Test Position 2 distance=0mm High**

**DUT: Media pad ; Type: M2-802L; Serial: NA**

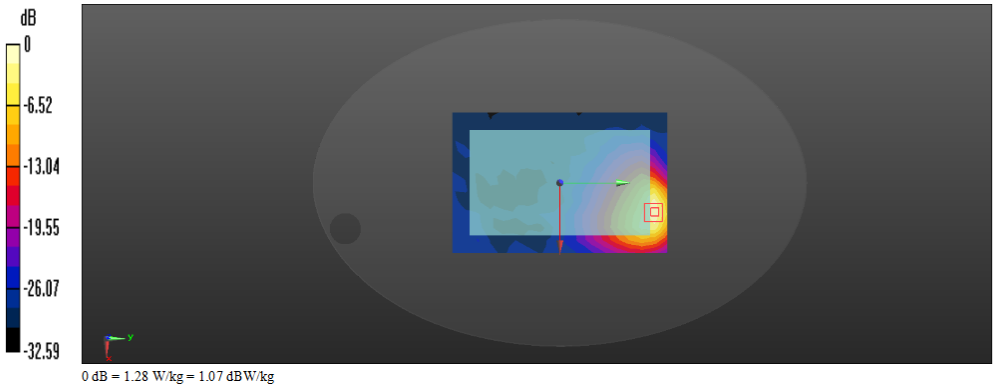
Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 846.6 MHz
Medium parameters used (interpolated): f = 846.6 MHz; $\sigma$ = 0.98 S/m; $\varepsilon_r$ = 55.787; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.19, 10.19, 10.19); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2 0mm/M2-802L/Area Scan (12x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.28 W/kg

**Test Position 2 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.533 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.97 W/kg
**SAR(1 g) = 0.848 W/kg; SAR(10 g) = 0.433 W/kg**
Maximum value of SAR (measured) = 1.50 W/kg



0 dB = 1.28 W/kg = 1.07 dBW/kg

Date/Time: 04/24/2015 16:39:34

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L UMTS Band 5 Test Position 2 distance=0mm Low**

**DUT: Media pad ; Type: M2-802L; Serial: NA**

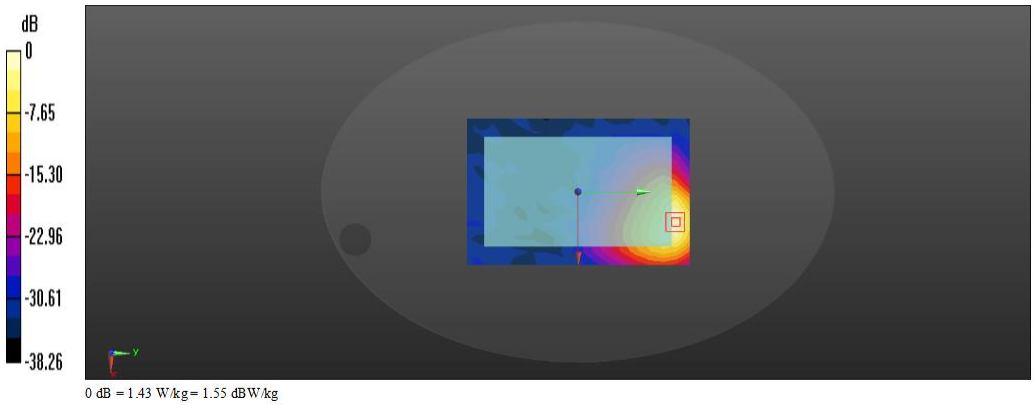
Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 826.4 MHz
Medium parameters used (interpolated): f = 826.4 MHz; $\sigma$ = 0.986 S/m; $\varepsilon_r$ = 55.896; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.19, 10.19, 10.19); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2 0mm/M2-802L/Area Scan (12x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.43 W/kg

**Test Position 2 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.991 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 2.23 W/kg
**SAR(1 g) = 0.949 W/kg; SAR(10 g) = 0.488 W/kg**
Maximum value of SAR (measured) = 1.69 W/kg



Date/Time: 04/24/2015 18:28:04

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L UMTS Band 5 Test Position 2 distance=0mm Low earphone**

**DUT: Media pad ; Type: M2-802L; Serial: NA**

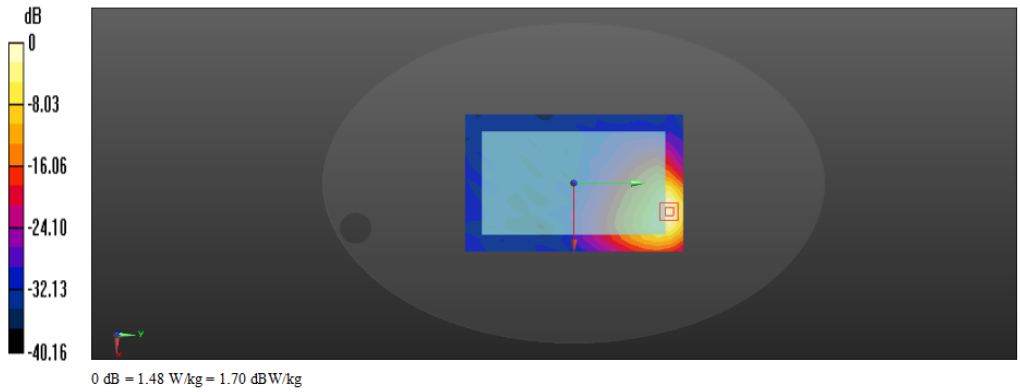
Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 826.4 MHz
Medium parameters used (interpolated): f = 826.4 MHz; $\sigma$ = 0.986 S/m; $\varepsilon_r$ = 55.896; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.19, 10.19, 10.19); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2 0mm/M2-802L/Area Scan (12x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.48 W/kg

**Test Position 2 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.965 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 2.34 W/kg
**SAR(1 g) = 0.934 W/kg; SAR(10 g) = 0.464 W/kg**
Maximum value of SAR (measured) = 1.58 W/kg



Date/Time: 04/24/2015 17:22:26

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L UMTS Band 5 Test Position 3 distance=0mm**

**DUT: Media pad ; Type: M2-802L; Serial: NA**

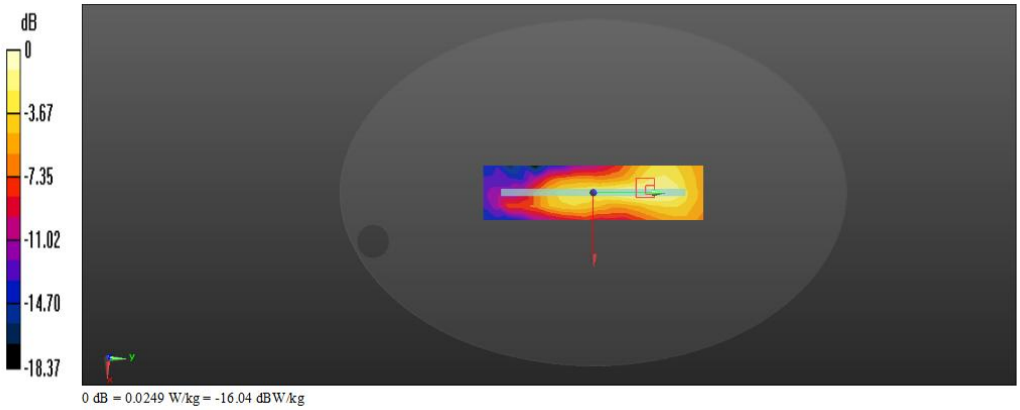
Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 836.6 MHz
Medium parameters used (interpolated): f = 836.6 MHz; $\sigma$ = 0.98 S/m; $\varepsilon_r$ = 55.868; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.19, 10.19, 10.19); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 3 0mm/M2-802L/Area Scan (5x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0249 W/kg

**Test Position 3 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.508 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.0510 W/kg
**SAR(1 g) = 0.019 W/kg; SAR(10 g) = 0.010 W/kg**
Maximum value of SAR (measured) = 0.0363 W/kg



Date/Time: 04/24/2015 17:54:41

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L UMTS Band 5 Test Position 6 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

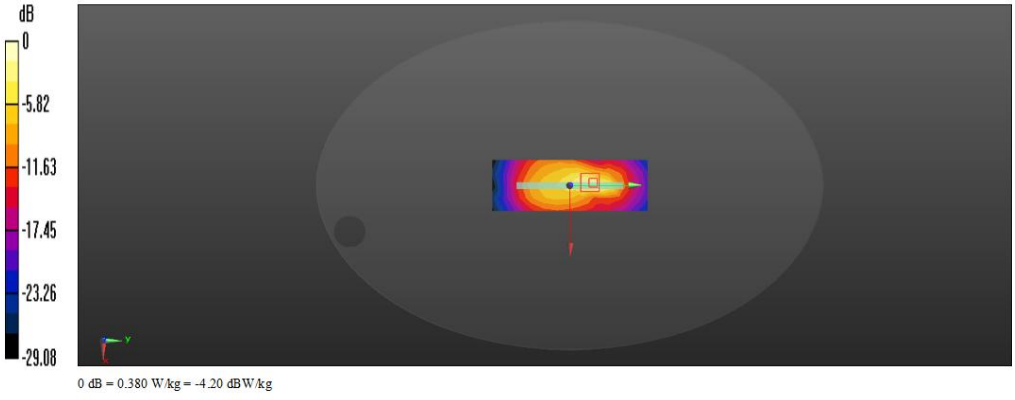
Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 836.6 MHz
Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.98 S/m; εr = 55.868; ρ = 1000 kg/m3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.19, 10.19, 10.19); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 6 0mm/M2-802L/Area Scan (5x13x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.380 W/kg

**Test Position 6 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 11.646 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.771 W/kg
**SAR(1 g) = 0.288 W/kg; SAR(10 g) = 0.131 W/kg**
Maximum value of SAR (measured) = 0.536 W/kg



Date/Time: 04/23/2015 12:11:28

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 2 1RB Test Position 2 distance=0mm low Repeat test**

**DUT: Media pad ; Type: M2-802L; Serial: NA**

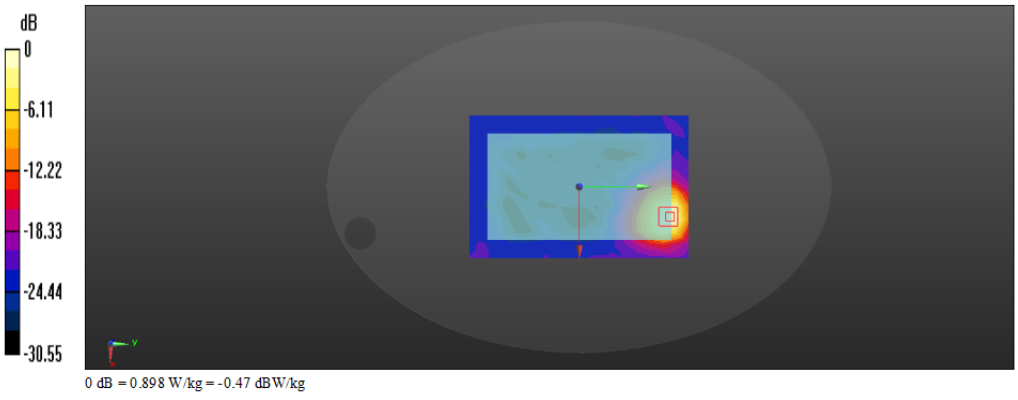
Communication System: UID 0, LTE-FDD(1RB,20MHz,QPSK) (0); Frequency: 1860 MHz
Medium parameters used: f = 1860 MHz; $\sigma$ = 1.54 S/m; $\varepsilon_r$ = 51.217; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.86, 7.86, 7.86); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2 0mm/M2-802L/Area Scan (12x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.898 W/kg

**Test Position 2 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.239 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 2.09 W/kg
**SAR(1 g) = 0.874 W/kg; SAR(10 g) = 0.426 W/kg**
Maximum value of SAR (measured) = 1.51 W/kg



Date/Time: 04/23/2015 11:23:48

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 2 1RB Test Position 2 distance=0mm**

**DUT: Media pad ; Type: M2-802L; Serial: NA**

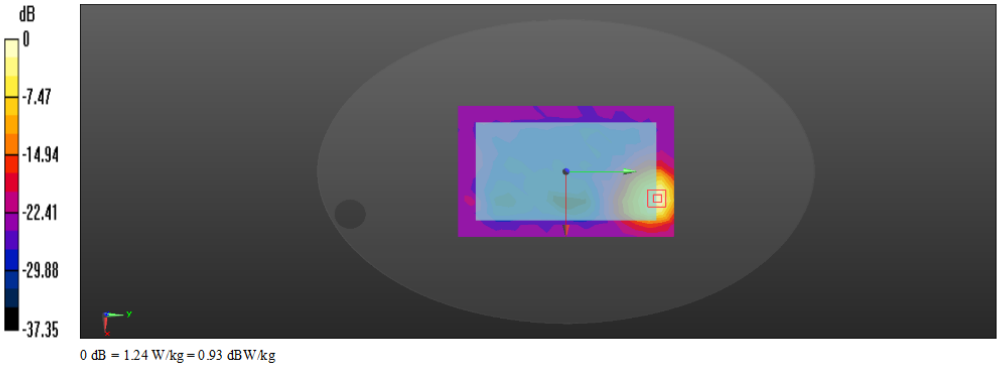
Communication System: UID 0, LTE-FDD(1RB,20MHz,QPSK) (0); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.58 S/m; $\varepsilon_r$ = 51.15; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.86, 7.86, 7.86); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2 0mm/M2-802L/Area Scan (12x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.24 W/kg

**Test Position 2 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.876 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 2.08 W/kg
**SAR(1 g) = 0.888 W/kg; SAR(10 g) = 0.424 W/kg**
Maximum value of SAR (measured) = 1.50 W/kg



Date/Time: 04/23/2015 12:54:11

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 2 1RB Test Position 2 distance=0mm High**

**DUT: Media pad ; Type: M2-802L; Serial: NA**

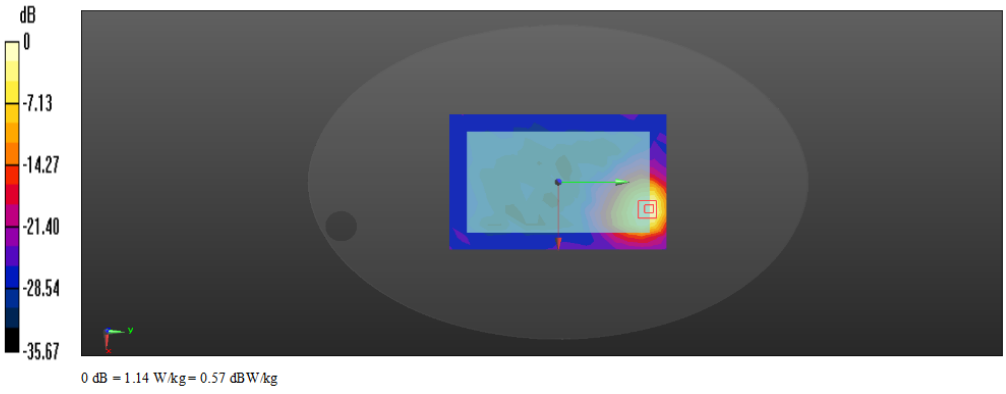
Communication System: UID 0, LTE-FDD(1RB,20MHz,QPSK) (0); Frequency: 1900 MHz
Medium parameters used: f = 1900 MHz; $\sigma$ = 1.59 S/m; $\varepsilon_r$ = 51.06; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.86, 7.86, 7.86); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2 0mm/M2-802L/Area Scan (12x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.14 W/kg

**Test Position 2 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.173 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 3.42 W/kg
**SAR(1 g) = 0.952 W/kg; SAR(10 g) = 0.898 W/kg**
Maximum value of SAR (measured) = 2.32 W/kg



Date/Time: 04/23/2015 13:38:21

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 2 1RB Test Position 2 distance=0mm Low**

**DUT: Media pad ; Type: M2-802L; Serial: NA**

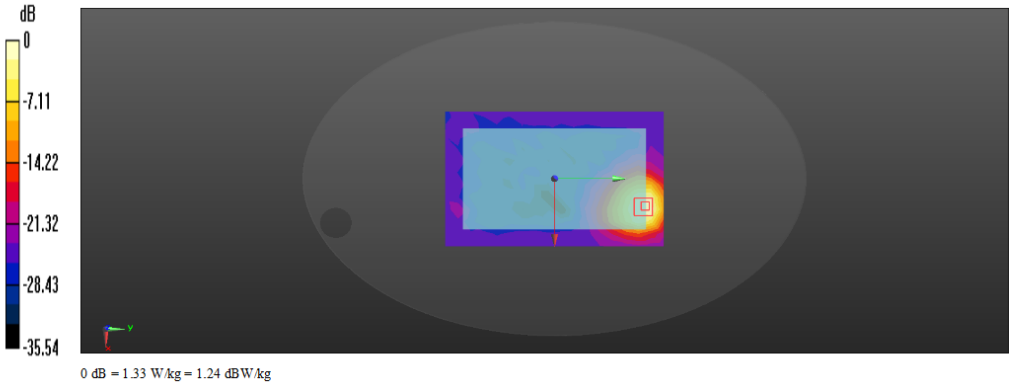
Communication System: UID 0, LTE-FDD(1RB,20MHz,QPSK) (0); Frequency: 1860 MHz
Medium parameters used (interpolated): f = 1860 MHz; $\sigma$ = 1.54 S/m; $\varepsilon_r$ = 51.217; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.86, 7.86, 7.86); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2 0mm/M2-802L/Area Scan (12x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.33 W/kg

**Test Position 2 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.063 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 3.07 W/kg
**SAR(1 g) = 0.957 W/kg; SAR(10 g) = 0.624 W/kg**
Maximum value of SAR (measured) = 2.26 W/kg



Date/Time: 04/23/2015 15:48:03

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 2 1RB Test Position 3 distance=0mm**

**DUT: Media pad; Type: M2-802L; Serial: NA**

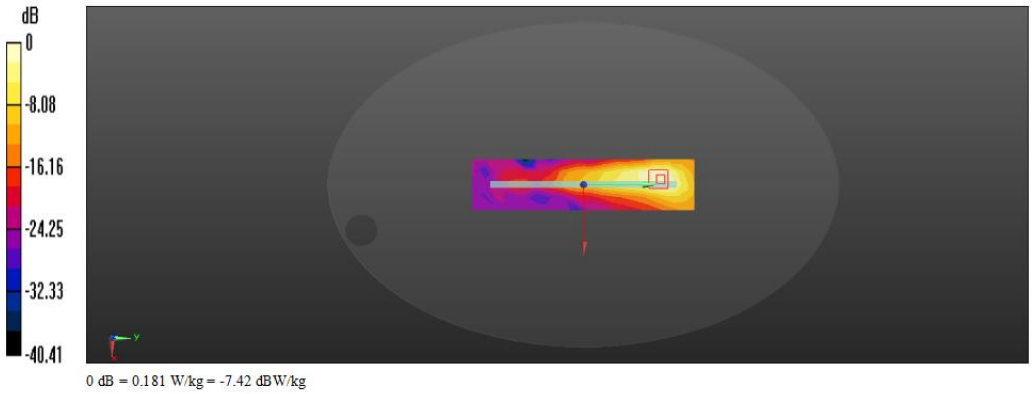
Communication System: UID 0, LTE-FDD(1RB,20MHz,QPSK) (0); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.58 S/m; $\varepsilon_r$ = 51.15; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.86, 7.86, 7.86); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 3 0mm/M2-802L/Area Scan (5x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.181 W/kg

**Test Position 3 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.334 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.665 W/kg
**SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.108 W/kg**
Maximum value of SAR (measured) = 0.487 W/kg



0 dB = 0.181 W/kg = -7.42 dBW/kg

Date/Time: 04/23/2015 16:20:27

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 2 1RB Test Position 6 distance=0mm**

**DUT: Media pad ; Type: M2-802L; Serial: NA**

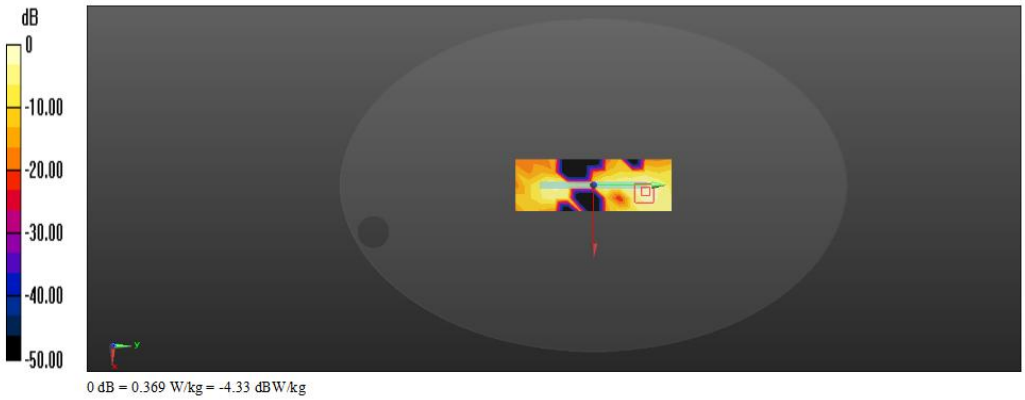
Communication System: UID 0, LTE-FDD(1RB,20MHz,QPSK) (0); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.58 S/m; $\varepsilon_r$ = 51.15; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.86, 7.86, 7.86); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 5 0mm/M2-802L/Area Scan (5x13x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.369 W/kg

**Test Position 5 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.795 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.419 W/kg
**SAR(1 g) = 0.213 W/kg; SAR(10 g) = 0.103 W/kg**
Maximum value of SAR (measured) = 0.424 W/kg



Date/Time: 04/23/2015 17:17:30

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 2 50%RB Test Position 2 distance=0mm**

**DUT: Media pad ; Type: M2-802L; Serial: NA**

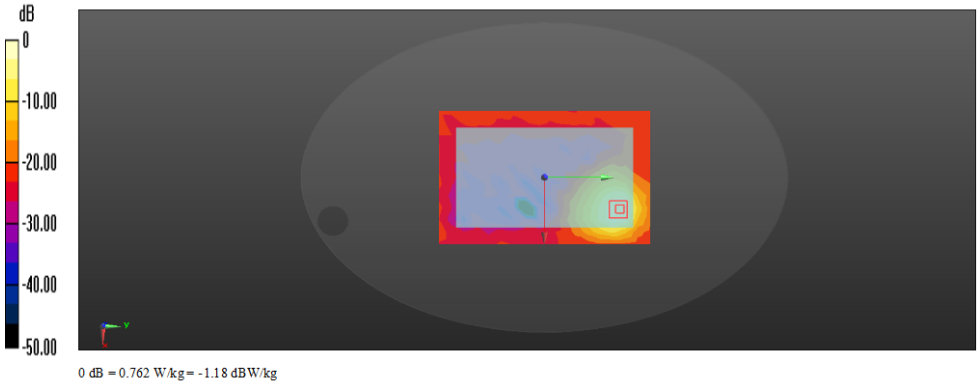
Communication System: UID 0, LTE-FDD(50% RB, 20MHz, QPSK) (0); Frequency: 1900 MHz
Medium parameters used: f = 1900 MHz; $\sigma$ = 1.59 S/m; $\varepsilon_r$ = 51.06; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.86, 7.86, 7.86); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2 0mm/M2-802L/Area Scan (12x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.762 W/kg

**Test Position 2 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.65 W/kg
**SAR(1 g) = 0.730 W/kg; SAR(10 g) = 0.354 W/kg**
Maximum value of SAR (measured) = 1.24 W/kg



Date/Time: 04/23/2015 17:59:04

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 2 50%RB Test Position 2 distance=0mm Mid**

**DUT: Media pad ; Type: M2-802L; Serial: NA**

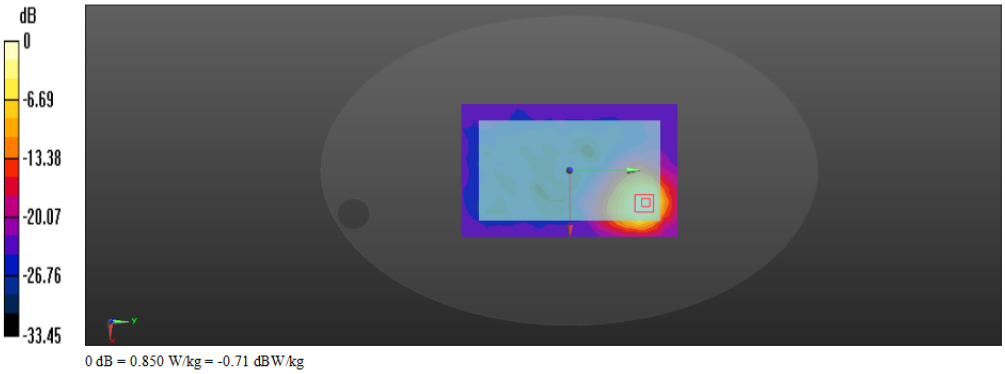
Communication System: UID 0, LTE-FDD(50% RB, 20MHz, QPSK) (0); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.58 S/m; $\varepsilon_r$ = 51.15; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.86, 7.86, 7.86); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2 0mm/M2-802L/Area Scan (12x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.850 W/kg

**Test Position 2 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.337 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.96 W/kg
**SAR(1 g) = 0.845 W/kg; SAR(10 g) = 0.417 W/kg**
Maximum value of SAR (measured) = 1.45 W/kg



0 dB = 0.850 W/kg = -0.71 dBW/kg

Date/Time: 04/23/2015 18:40:31

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 2 50%RB Test Position 2 distance=0mm Low**

**DUT: Media pad ; Type: M2-802L; Serial: NA**

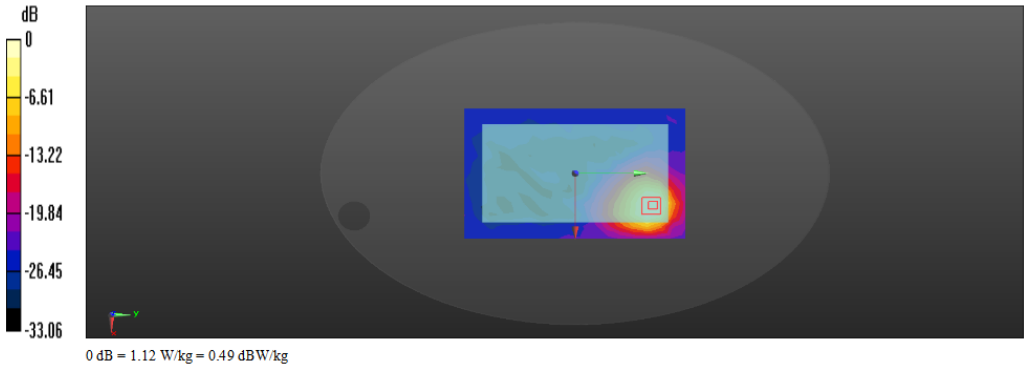
Communication System: UID 0, LTE-FDD(50% RB, 20MHz, QPSK) (0); Frequency: 1860 MHz
Medium parameters used (interpolated): f = 1860 MHz; $\sigma$ = 1.54 S/m; $\varepsilon_r$ = 51.217; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.86, 7.86, 7.86); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2 0mm/M2-802L/Area Scan (12x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.12 W/kg

**Test Position 2 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.812 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 2.53 W/kg
**SAR(1 g) = 0.852 W/kg; SAR(10 g) = 0.534 W/kg**
Maximum value of SAR (measured) = 1.80 W/kg



0 dB = 1.12 W/kg = 0.49 dBW/kg

Date/Time: 04/23/2015 20:35:21

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 2 50%RB Test Position 2 distance=0mm Low earphone**

**DUT: Media pad ; Type: M2-802L; Serial: NA**

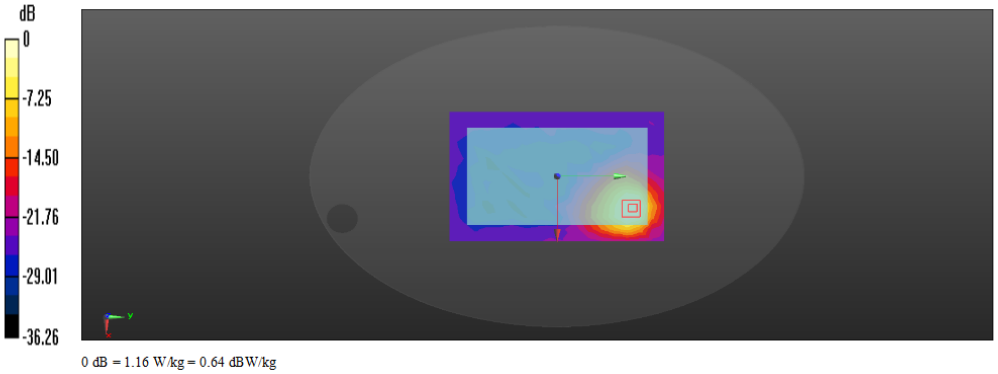
Communication System: UID 0, LTE-FDD(50% RB, 20MHz, QPSK) (0); Frequency: 1860 MHz
Medium parameters used (interpolated): f = 1860 MHz; $\sigma$ = 1.54 S/m; $\varepsilon_r$ = 51.217; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.86, 7.86, 7.86); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2 0mm/M2-802L/Area Scan (12x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.16 W/kg

**Test Position 2 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.805 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 2.46 W/kg
**SAR(1 g) = 0.848 W/kg; SAR(10 g) = 0.526 W/kg**
Maximum value of SAR (measured) = 1.78 W/kg



Date/Time: 04/23/2015 19:24:26

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 2 50%RB Test Position 3 distance=0mm**

**DUT: Media pad ; Type: M2-802L; Serial: NA**

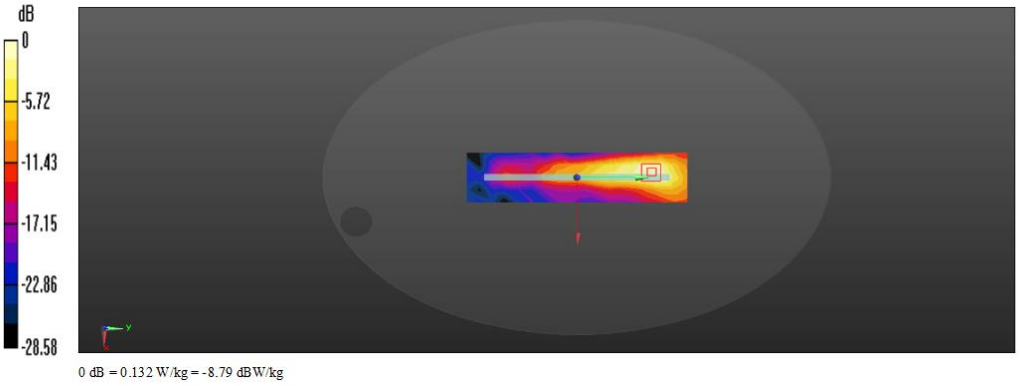
Communication System: UID 0, LTE-FDD(50% RB, 20MHz, QPSK) (0); Frequency: 1900 MHz
Medium parameters used: f = 1900 MHz; $\sigma$ = 1.59 S/m; $\varepsilon_r$ = 51.06; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.86, 7.86, 7.86); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 3 0mm/M2-802L/Area Scan (5x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.132 W/kg

**Test Position 3 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.575 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.332 W/kg
**SAR(1 g) = 0.150 W/kg; SAR(10 g) = 0.071 W/kg**
Maximum value of SAR (measured) = 0.259 W/kg



Date/Time: 04/23/2015 19:56:52

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 2 50%RB Test Position 6 distance=0mm**

**DUT: Media pad ; Type: M2-802L; Serial: NA**

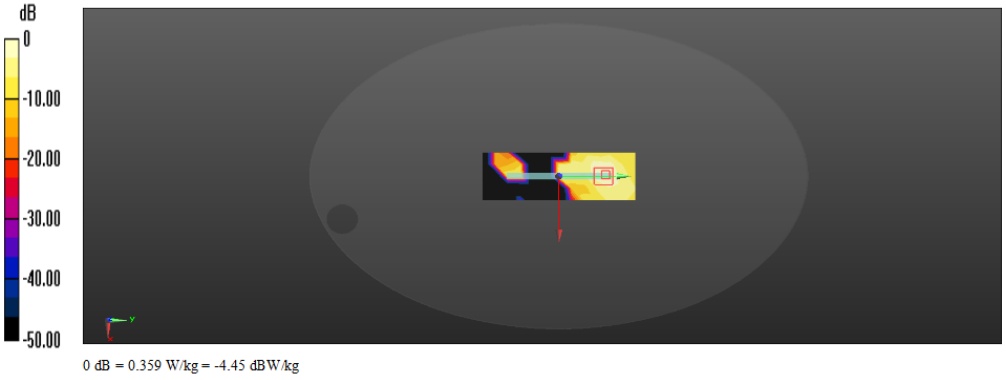
Communication System: UID 0, LTE-FDD(1RB,20MHz,QPSK) (0); Frequency: 1900 MHz
Medium parameters used: f = 1900 MHz; $\sigma$ = 1.59 S/m; $\varepsilon_r$ = 51.06; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.86, 7.86, 7.86); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 6 0mm/M2-802L/Area Scan (5x13x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.359 W/kg

**Test Position 6 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.007 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.450 W/kg
**SAR(1 g) = 0.287 W/kg; SAR(10 g) = 0.191 W/kg**
Maximum value of SAR (measured) = 0.462 W/kg



Date/Time: 04/23/2015 20:36:18

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 2 100%RB Test Position 2 distance=0mm**

**DUT: Media pad ; Type: M2-802L; Serial: NA**

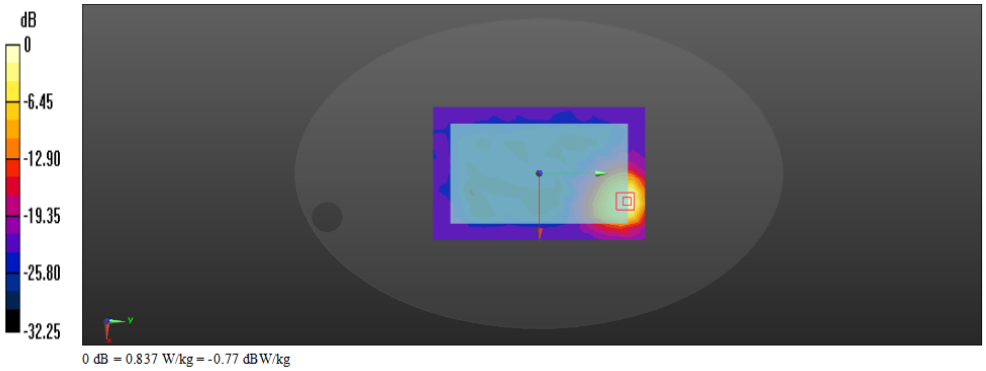
Communication System: UID 0, LTE-FDD(100%RB,20MHz,QPSK) (0); Frequency: 1880 MHz
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.58 S/m; $\varepsilon_r$ = 51.15; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.86, 7.86, 7.86); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2 0mm/M2-802L/Area Scan (12x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.837 W/kg

**Test Position 2 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.325 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 2.13 W/kg
**SAR(1 g) = 0.645 W/kg; SAR(10 g) = 0.354 W/kg**
Maximum value of SAR (measured) = 1.49 W/kg



Date/Time: 04/27/2015 17:14:29

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 4 1RB Test Position 2 distance=0mm**

**DUT: Media Pad; Type: Y635-L02; Serial: NA**

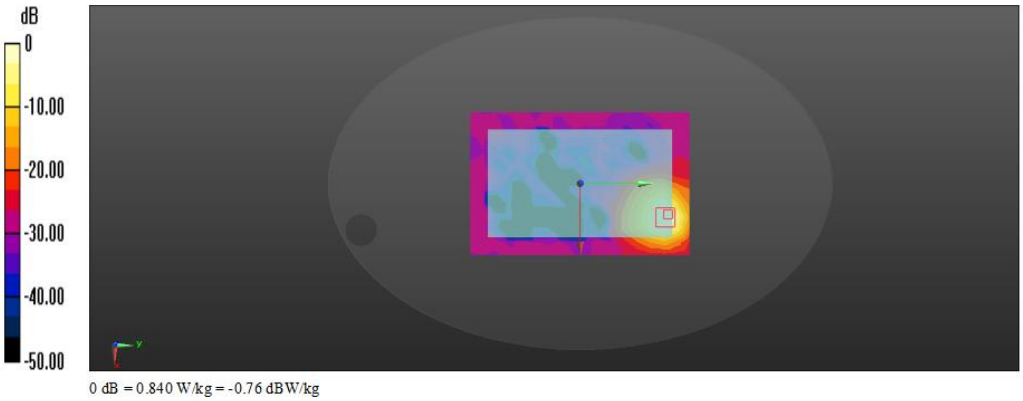
Communication System: UID 0, LTE-FDD(1RB,20MHz,QPSK) (0); Frequency: 1720 MHz
Medium parameters used (interpolated): f = 1720 MHz; $\sigma$ = 1.456 S/m; $\varepsilon_r$ = 53.336; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.08, 8.08, 8.08); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2 0mm/M2-802L/Area Scan (12x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.840 W/kg

**Test Position 2 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.325 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.67 W/kg
**SAR(1 g) = 0.565 W/kg; SAR(10 g) = 0.336 W/kg**
Maximum value of SAR (measured) = 1.18 W/kg



Date/Time: 04/27/2015 17:57:23

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 4 1RB Test Position 3 distance=0mm**

**DUT: Media Pad; Type: Y635-L02; Serial: NA**

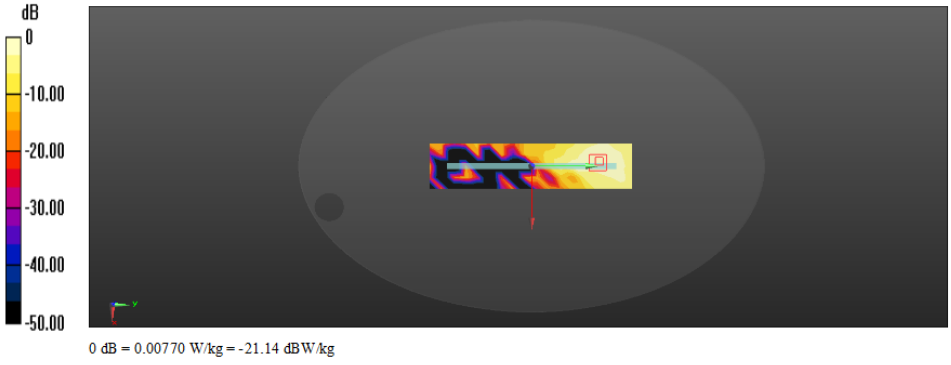
Communication System: UID 0, LTE-FDD(1RB,20MHz,QPSK) (0); Frequency: 1720 MHz
Medium parameters used (interpolated): f = 1720 MHz; $\sigma$ = 1.456 S/m; $\varepsilon_r$ = 53.336; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.08, 8.08, 8.08); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 3 0mm/M2-802L/Area Scan (5x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.00770 W/kg

**Test Position 3 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.283 V/m; Power Drift = 1.08 dB
Peak SAR (extrapolated) = 0.0150 W/kg
**SAR(1 g) = 0.00674 W/kg; SAR(10 g) = 0.00343 W/kg**
Maximum value of SAR (measured) = 0.0113 W/kg



Date/Time: 04/27/2015 18:28:50

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 4 1RB Test Position 6 distance=0mm**

**DUT: Media Pad; Type: Y635-L02; Serial: NA**

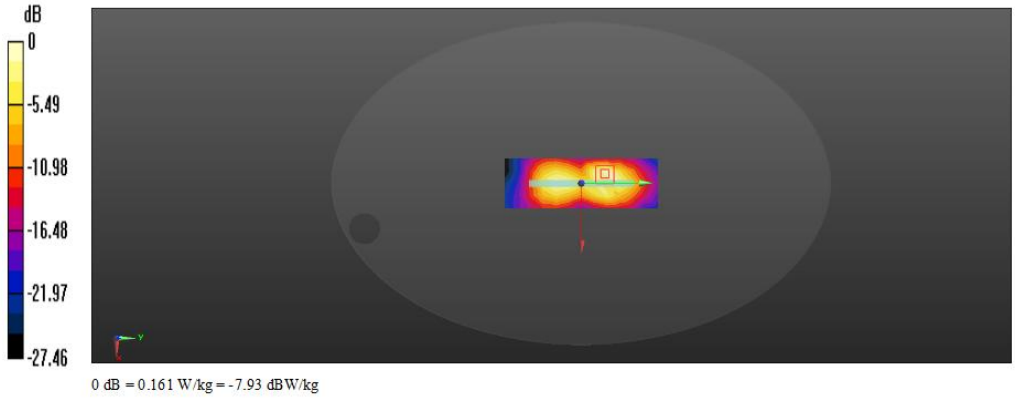
Communication System: UID 0, LTE-FDD(1RB,20MHz,QPSK) (0); Frequency: 1720 MHz
Medium parameters used (interpolated): f = 1720 MHz; $\sigma$ = 1.456 S/m; $\varepsilon_r$ = 53.336; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.08, 8.08, 8.08); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 6 0mm/M2-802L/Area Scan (5x13x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.161 W/kg

**Test Position 6 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.874 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.346 W/kg
**SAR(1 g) = 0.156 W/kg; SAR(10 g) = 0.067 W/kg**
Maximum value of SAR (measured) = 0.241 W/kg



Date/Time: 04/27/2015 18:59:40

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 4 50%RB Test Position 2 distance=0mm**

**DUT: Media Pad; Type: Y635-L02; Serial: NA**

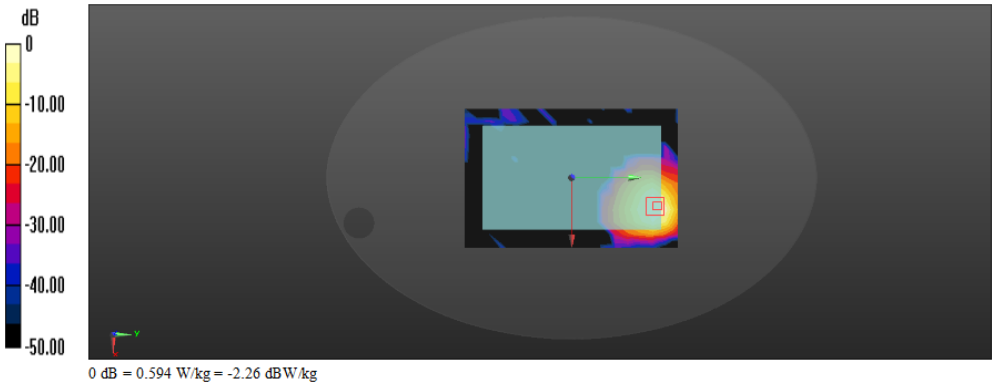
Communication System: UID 0, LTE-FDD(50%RB,20MHz,QPSK) (0); Frequency: 1720 MHz
Medium parameters used (interpolated): f = 1720 MHz; $\sigma$ = 1.456 S/m; $\varepsilon_r$ = 53.336; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.08, 8.08, 8.08); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2 0mm/M2-802L/Area Scan (12x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.594 W/kg

**Test Position 2 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.31 W/kg
**SAR(1 g) = 0.561 W/kg; SAR(10 g) = 0.274 W/kg**
Maximum value of SAR (measured) = 0.960 W/kg



Date/Time: 04/27/2015 19:42:20

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 4 50%RB Test Position 3 distance=0mm**

**DUT: Media Pad; Type: Y635-L02; Serial: NA**

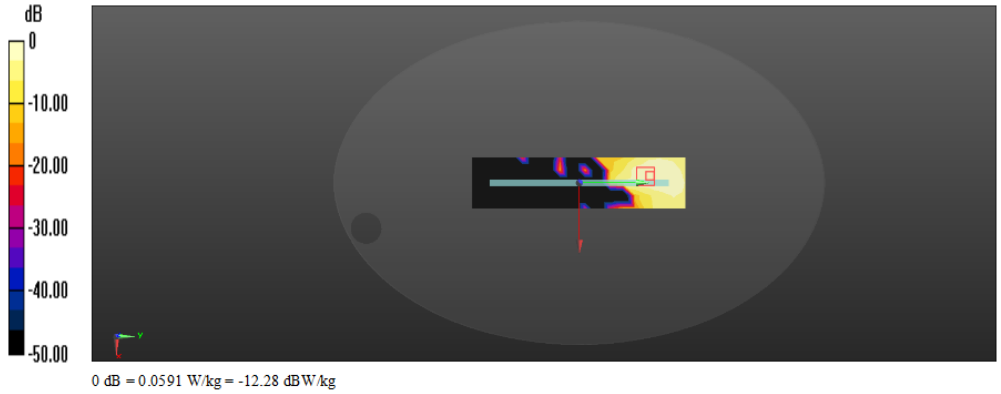
Communication System: UID 0, LTE-FDD(50%RB,20MHz,QPSK) (0); Frequency: 1720 MHz
Medium parameters used (interpolated): f = 1720 MHz; $\sigma$ = 1.456 S/m; $\varepsilon_r$ = 53.336; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.08, 8.08, 8.08); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 3 0mm/M2-802L/Area Scan (5x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0591 W/kg

**Test Position 3 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.0310 W/kg
**SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.023 W/kg**
Maximum value of SAR (measured) = 0.0603 W/kg



Date/Time: 04/27/2015 20:11:40

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 4 50%RB Test Position 6 distance=0mm**

**DUT: Media Pad; Type: Y635-L02; Serial: NA**

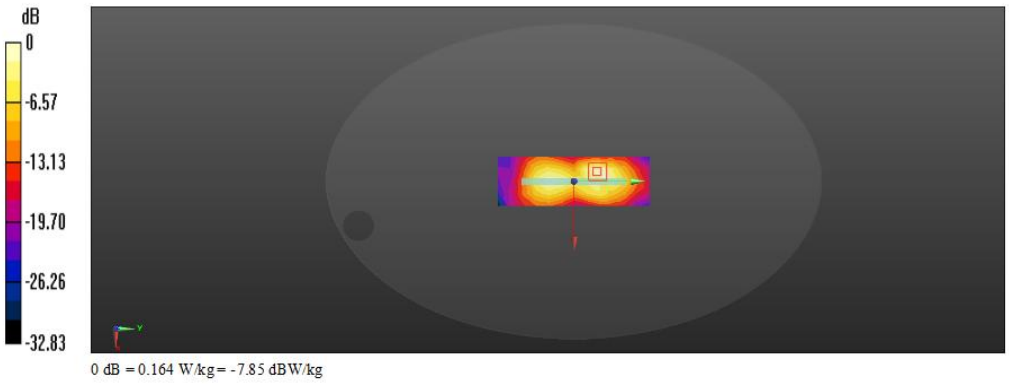
Communication System: UID 0, LTE-FDD(50%RB,20MHz,QPSK) (0); Frequency: 1720 MHz
Medium parameters used (interpolated): f = 1720 MHz; $\sigma$ = 1.456 S/m; $\varepsilon_r$ = 53.336; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(8.08, 8.08, 8.08); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 6 0mm/M2-802L/Area Scan (5x13x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.164 W/kg

**Test Position 6 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.589 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.309 W/kg
**SAR(1 g) = 0.143 W/kg; SAR(10 g) = 0.062 W/kg**
Maximum value of SAR (measured) = 0.249 W/kg



Date/Time: 04/25/2015 09:04:09

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 5 1RB Test Position 2 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

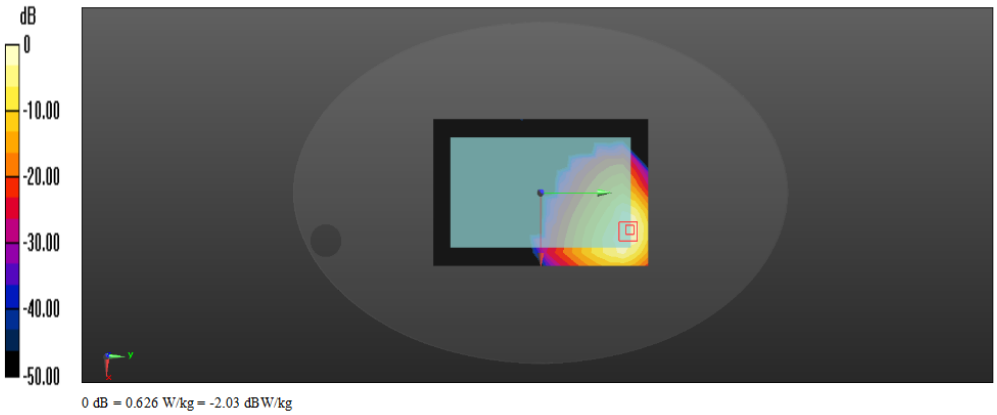
Communication System: UID 0, LTE-FDD(1RB,10MHz,QPSK) (0); Frequency: 829 MHz
Medium parameters used (interpolated): f = 829 MHz; $\sigma$ = 0.981 S/m; $\varepsilon_r$ = 55.891; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.19, 10.19, 10.19); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2 0mm/M2-802L/Area Scan (12x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.626 W/kg

**Test Position 2 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.58 W/kg
**SAR(1 g) = 0.626 W/kg; SAR(10 g) = 0.311 W/kg**
Maximum value of SAR (measured) = 1.18 W/kg



Date/Time: 04/25/2015 09:47:54

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 5 1RB Test Position 3 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

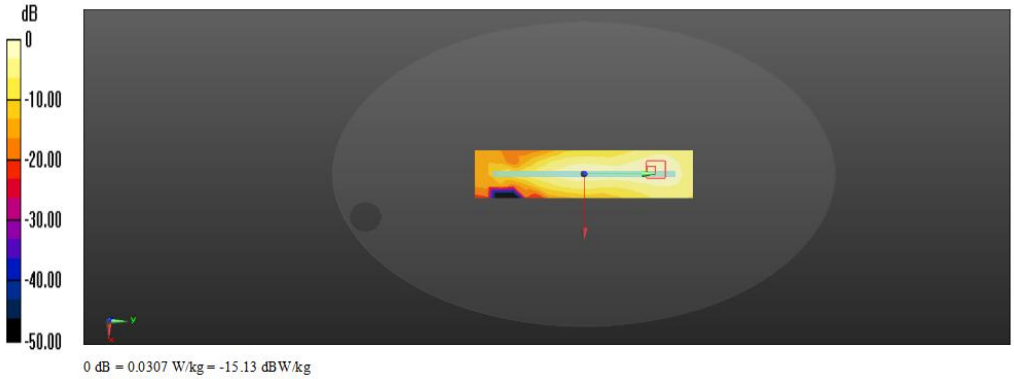
Communication System: UID 0, LTE-FDD(1RB,10MHz,QPSK) (0); Frequency: 829 MHz
Medium parameters used (interpolated): f = 829 MHz; $\sigma$ = 0.981 S/m; $\varepsilon_r$ = 55.891; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.19, 10.19, 10.19); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 3 0mm/M2-802L/Area Scan (5x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0307 W/kg

**Test Position 3 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.397 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.0760 W/kg
**SAR(1 g) = 0.027 W/kg; SAR(10 g) = 0.015 W/kg**
Maximum value of SAR (measured) = 0.0532 W/kg



Date/Time: 04/25/2015 08:24:29

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 5 1RB Test Position 4 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

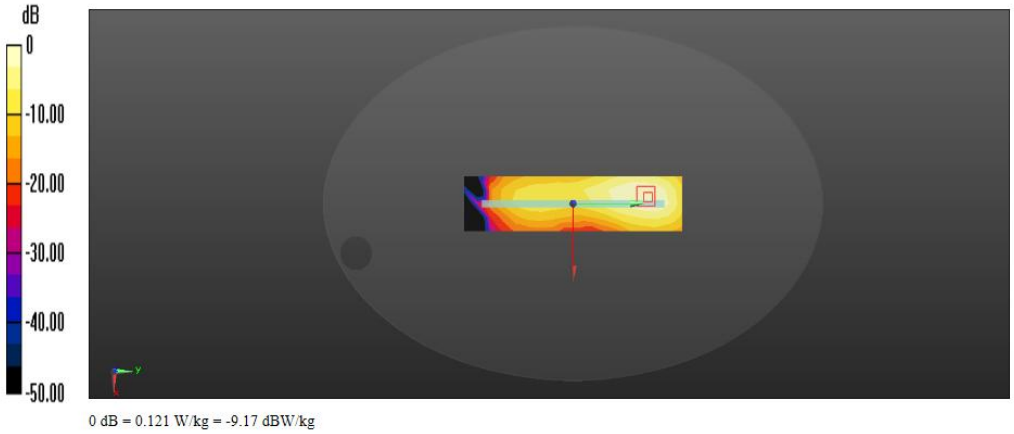
Communication System: UID 0, LTE-FDD(1RB,10MHz,QPSK) (0); Frequency: 829 MHz
Medium parameters used (interpolated): f = 829 MHz; $\sigma$ = 0.981 S/m; $\varepsilon_r$ = 55.891; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.19, 10.19, 10.19); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 4 0mm/M2-802L/Area Scan (5x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.121 W/kg

**Test Position 4 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.098 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.275 W/kg
**SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.088 W/kg**
Maximum value of SAR (measured) = 0.224 W/kg



Date/Time: 04/25/2015 10:17:40

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 5 1RB Test Position 6 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

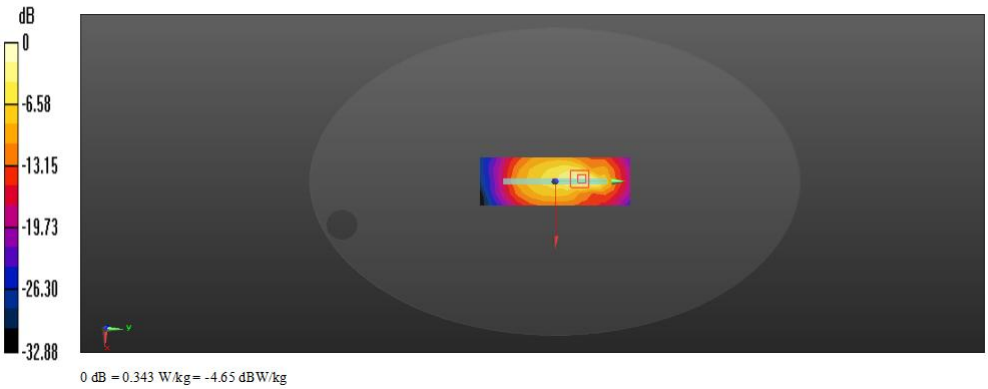
Communication System: UID 0, LTE-FDD(1RB,10MHz,QPSK) (0); Frequency: 829 MHz
Medium parameters used (interpolated): f = 829 MHz; $\sigma$ = 0.981 S/m; $\varepsilon_r$ = 55.891; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.19, 10.19, 10.19); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 6 0mm/M2-802L/Area Scan (5x13x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.343 W/kg

**Test Position 6 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.070 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.894 W/kg
**SAR(1 g) = 0.294 W/kg; SAR(10 g) = 0.128 W/kg**
Maximum value of SAR (measured) = 0.543 W/kg



Date/Time: 04/25/2015 10:46:31

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 5 50%RB Test Position 2 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

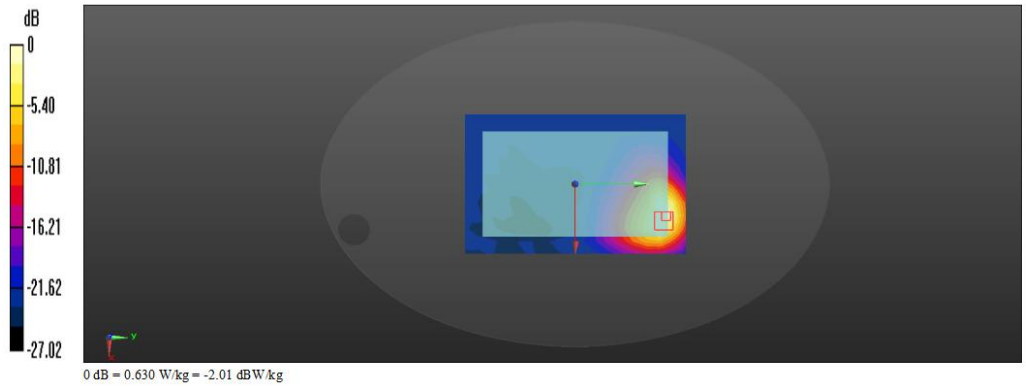
Communication System: UID 0, LTE-FDD(50% RB, 10MHz, QPSK) (0); Frequency: 844 MHz
Medium parameters used (interpolated): f = 844 MHz; $\sigma$ = 0.98 S/m; $\varepsilon_r$ = 55.808; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.19, 10.19, 10.19); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2 0mm/M2-802L/Area Scan (12x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.630 W/kg

**Test Position 2 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.540 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.48 W/kg
**SAR(1 g) = 0.588 W/kg; SAR(10 g) = 0.281 W/kg**
Maximum value of SAR (measured) = 1.09 W/kg



Date/Time: 04/25/2015 11:28:56

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 5 50%RB Test Position 3 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

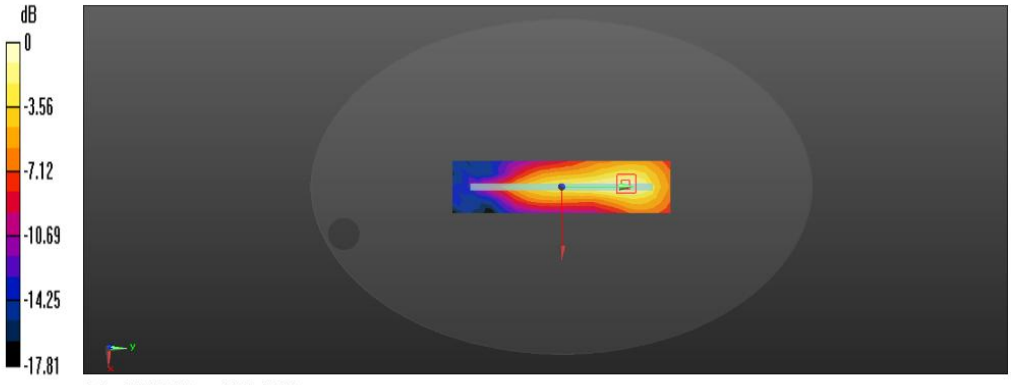
Communication System: UID 0, LTE-FDD(50% RB, 10MHz, QPSK) (0); Frequency: 844 MHz
Medium parameters used (interpolated): f = 844 MHz; $\sigma$ = 0.98 S/m; $\varepsilon_r$ = 55.808; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.19, 10.19, 10.19); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 3 0mm/M2-802L/Area Scan (5x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0396 W/kg

**Test Position 3 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.519 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.0590 W/kg
**SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.016 W/kg**
Maximum value of SAR (measured) = 0.0444 W/kg



0 dB = 0.0396 W/kg = -14.02 dBW/kg

Date/Time: 04/25/2015 18:32:37

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 5 50%RB Test Position 4 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

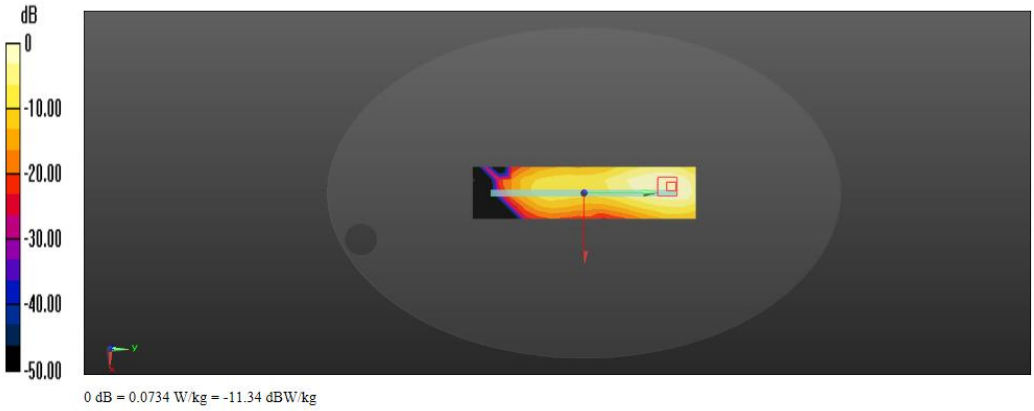
Communication System: UID 0, LTE-FDD(50% RB, 10MHz, QPSK) (0); Frequency: 844 MHz
Medium parameters used (interpolated): f = 844 MHz; $\sigma$ = 0.98 S/m; $\varepsilon_r$ = 55.808; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.19, 10.19, 10.19); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1.222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 4 0mm/M2-802L/Area Scan (5x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0734 W/kg

**Test Position 4 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.213 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.176 W/kg
**SAR(1 g) = 0.092 W/kg; SAR(10 g) = 0.056 W/kg**
Maximum value of SAR (measured) = 0.145 W/kg



Date/Time: 04/25/2015 11:57:22

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 5 50%RB Test Position 6 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

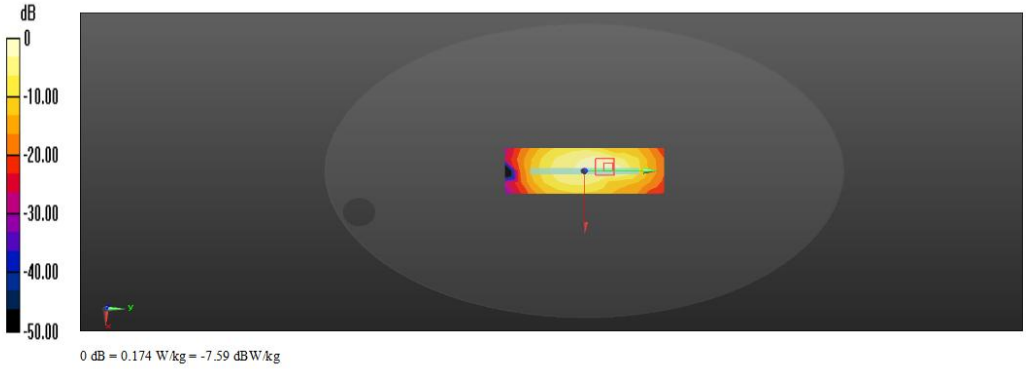
Communication System: UID 0, LTE-FDD(50% RB, 10MHz, QPSK) (0); Frequency: 844 MHz
Medium parameters used (interpolated): f = 844 MHz; $\sigma$ = 0.98 S/m; $\varepsilon_r$ = 55.808; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.19, 10.19, 10.19); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 6 0mm/M2-802L/Area Scan (5x13x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.174 W/kg

**Test Position 6 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.940 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.632 W/kg
**SAR(1 g) = 0.221 W/kg; SAR(10 g) = 0.100 W/kg**
Maximum value of SAR (measured) = 0.433 W/kg



Date/Time: 04/26/2015 16:47:01

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 7 1RB Test Position 2 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

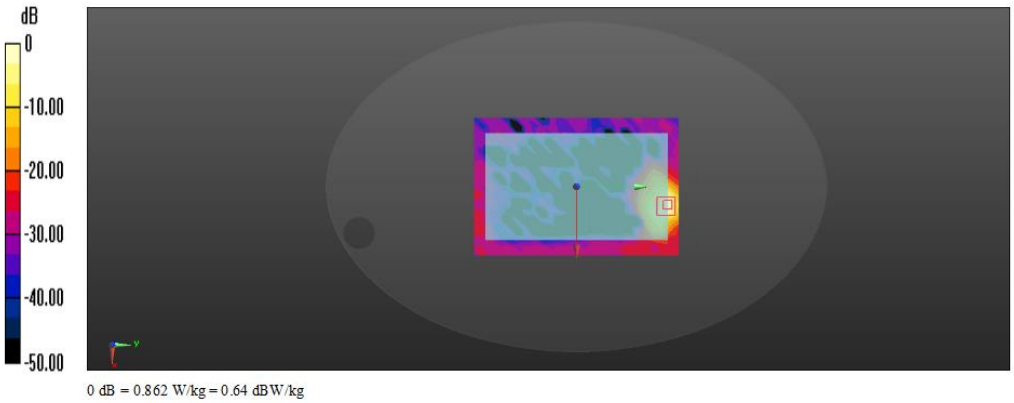
Communication System: UID 0, LTE-FDD(1RB,20MHz,QPSK) (0); Frequency: 2535 MHz
Medium parameters used (interpolated): f = 2535 MHz; $\sigma$ = 2.13 S/m; $\varepsilon_r$ = 52.463; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.38, 7.38, 7.38); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2 0mm/M2-802L/Area Scan (17x25x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.862 W/kg

**Test Position 2 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.317 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 2.134 W/kg
**SAR(1 g) = 0.619 W/kg; SAR(10 g) = 0.270 W/kg**
Maximum value of SAR (measured) = 1.48 W/kg



0 dB = 0.862 W/kg = 0.64 dBW/kg

Date/Time: 04/26/2015 17:57:14

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 7 1RB Test Position 3 distance=0mm**

**DUT: Smart phone ; Type: M2-802L; Serial: NA**

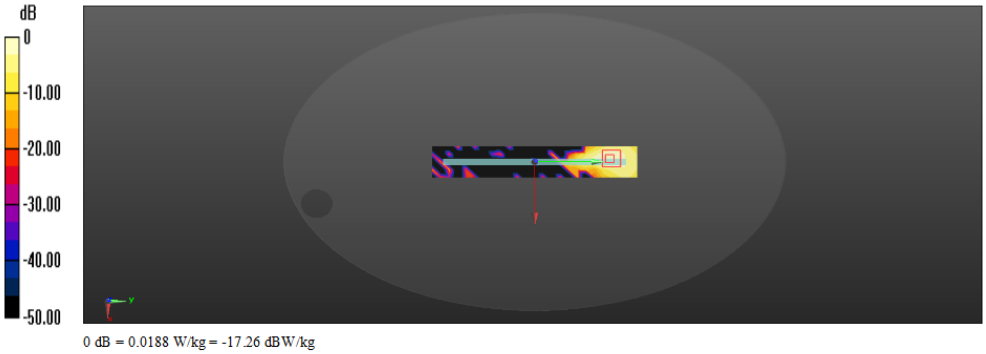
Communication System: UID 0, LTE-FDD(1RB,20MHz,QPSK) (0); Frequency: 2535 MHz
Medium parameters used (interpolated): f = 2535 MHz; $\sigma$ = 2.13 S/m; $\varepsilon_r$ = 52.463; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.38, 7.38, 7.38); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 3 0mm/M2-802L/Area Scan (5x25x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.0188 W/kg

**Test Position 3 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.0440 W/kg
**SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.00485 W/kg**
Maximum value of SAR (measured) = 0.0287 W/kg



Date/Time: 04/27/2015 09:10:08

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 7 1RB Test Position 6 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

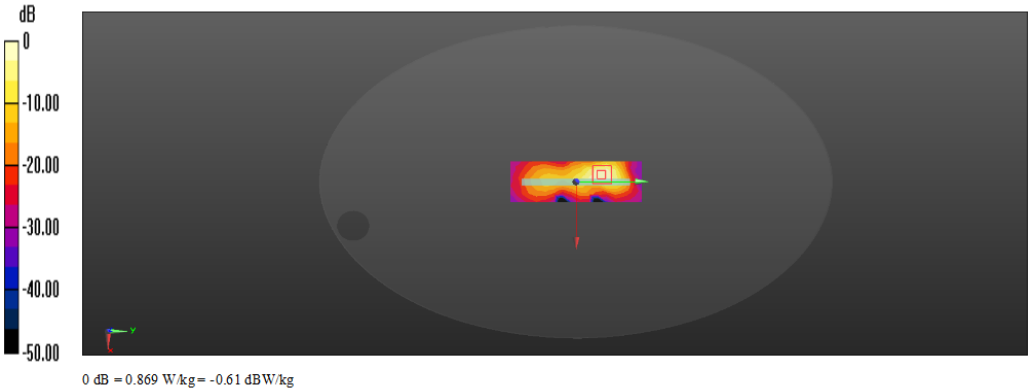
Communication System: UID 0, LTE-FDD(1RB,20MHz,QPSK) (0); Frequency: 2535 MHz
Medium parameters used (interpolated): f = 2535 MHz; $\sigma$ = 2.13 S/m; $\varepsilon_r$ = 52.463; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.38, 7.38, 7.38); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 6 0mm/M2-802L/Area Scan (6x16x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.869 W/kg

**Test Position 6 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.768 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.83 W/kg
**SAR(1 g) = 0.518 W/kg; SAR(10 g) = 0.240 W/kg**
Maximum value of SAR (measured) = 1.40 W/kg



Date/Time: 04/27/2015 09:40:25

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 7 50%RB Test Position 2 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

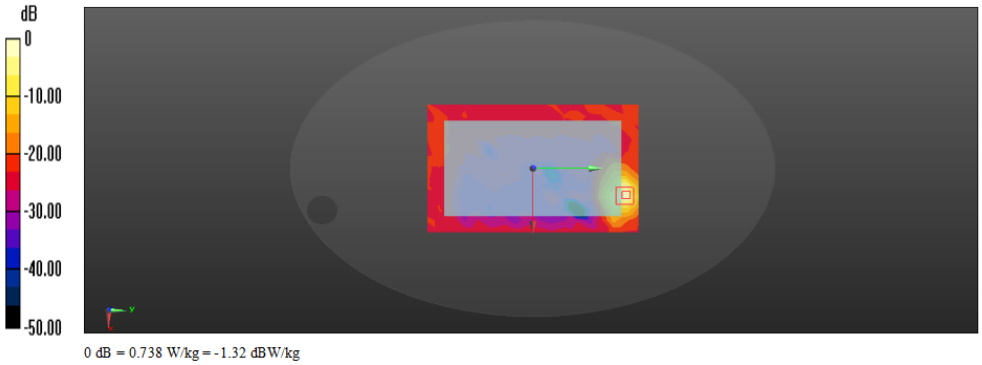
Communication System: UID 0, LTE-FDD(50% RB, 20MHz, QPSK) (0); Frequency: 2535 MHz
Medium parameters used (interpolated): f = 2535 MHz; $\sigma$ = 2.13 S/m; $\varepsilon_r$ = 52.463; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.38, 7.38, 7.38); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2 0mm/M2-802L/Area Scan (17x25x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.738 W/kg

**Test Position 2 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.54 W/kg
**SAR(1 g) = 0.564 W/kg; SAR(10 g) = 0.208 W/kg**
Maximum value of SAR (measured) = 1.13 W/kg



Date/Time: 04/27/2015 10:49:00

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 7 50%RB Test Position 3 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

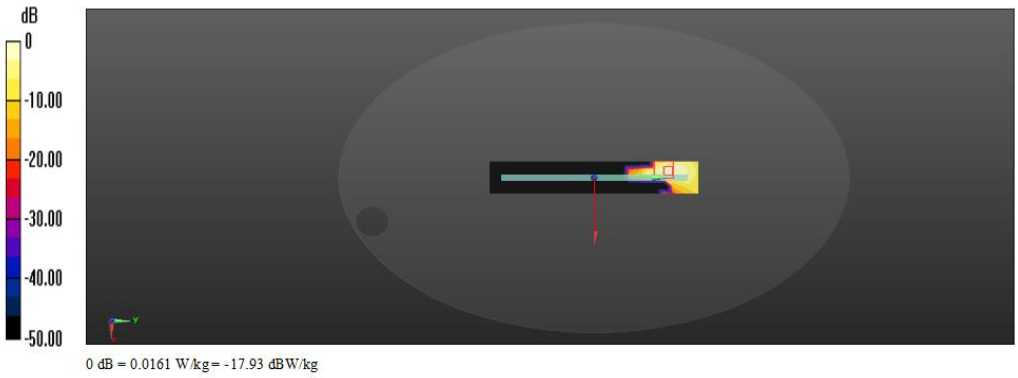
Communication System: UID 0, LTE-FDD(50% RB, 20MHz, QPSK) (0); Frequency: 2535 MHz
Medium parameters used (interpolated): f = 2535 MHz; $\sigma$ = 2.13 S/m; $\varepsilon_r$ = 52.463; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.38, 7.38, 7.38); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 3 0mm/M2-802L/Area Scan (5x25x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.0161 W/kg

**Test Position 3 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.0300 W/kg
**SAR(1 g) = 0.00537 W/kg; SAR(10 g) = 0.00138 W/kg**
Maximum value of SAR (measured) = 0.0168 W/kg



Date/Time: 04/27/2015 11:22:56

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 7 50%RB Test Position 6 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

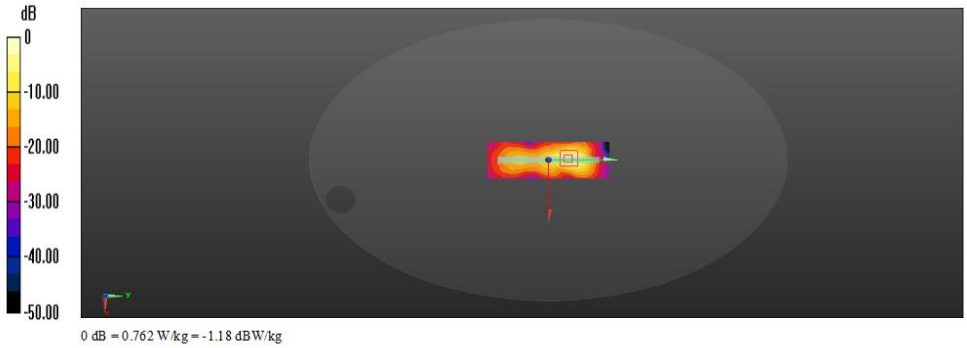
Communication System: UID 0, LTE-FDD(50% RB, 20MHz, QPSK) (0); Frequency: 2535 MHz
Medium parameters used (interpolated): f = 2535 MHz; $\sigma$ = 2.13 S/m; $\varepsilon_r$ = 52.463; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.38, 7.38, 7.38); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 6 0mm/M2-802L/Area Scan (6x16x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.762 W/kg

**Test Position 6 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.624 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.37 W/kg
**SAR(1 g) = 0.514 W/kg; SAR(10 g) = 0.182 W/kg**
Maximum value of SAR (measured) = 1.04 W/kg



Date/Time: 04/25/2015 13:15:15

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 26 1RB Test Position 2 distance=0mm Mid Repeat test**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

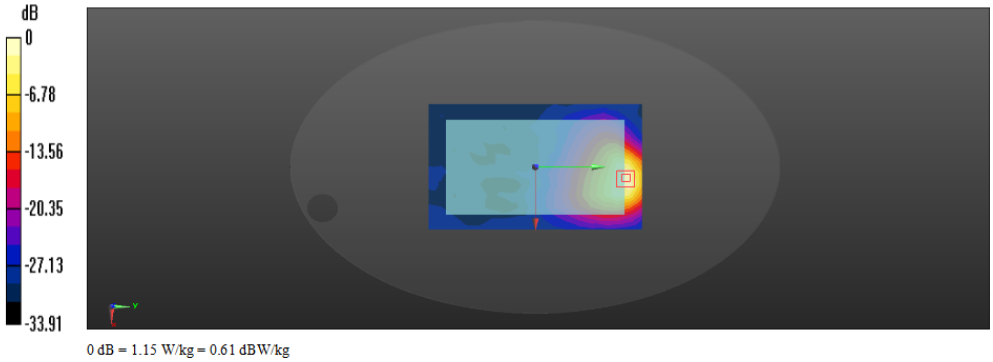
Communication System: UID 0, LTE-FDD (SC-FDMA, 1RB, 15 MHz,QPSK (0); Frequency: 831.5 MHz Medium parameters used (interpolated): f = 831.5 MHz; $\sigma$ = 0.976 S/m; $\varepsilon_r$ = 55.886; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.19, 10.19, 10.19); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2 0mm/M2-802L/Area Scan (12x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.15 W/kg

**Test Position 2 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.979 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 3.15 W/kg
**SAR(1 g) = 0.987 W/kg; SAR(10 g) = 0.728 W/kg**
Maximum value of SAR (measured) = 2.06 W/kg



Date/Time: 04/25/2015 12:34:29

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 26 1RB Test Position 2 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

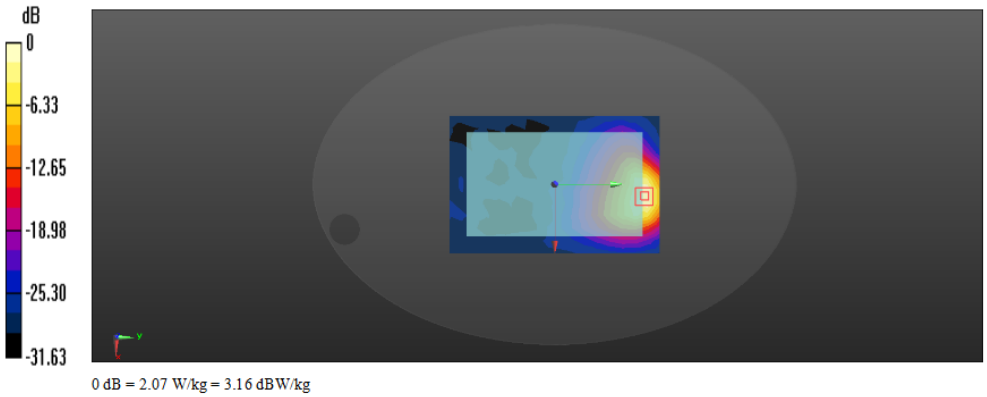
Communication System: UID 0, LTE-FDD (SC-FDMA, 1RB, 15 MHz,QPSK (0); Frequency: 841.5 MHz
Medium parameters used (interpolated): f = 841.5 MHz; $\sigma$ = 0.98 S/m; $\varepsilon_r$ = 55.829; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.19, 10.19, 10.19); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2 0mm/M2-802L/Area Scan (12x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.07 W/kg

**Test Position 2 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.794 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 4.27 W/kg
**SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.735 W/kg**
Maximum value of SAR (measured) = 3.16 W/kg



0 dB = 2.07 W/kg = 3.16 dBW/kg

Date/Time: 04/25/2015 13:55:45

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 26 1RB Test Position 2 distance=0mm Mid**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

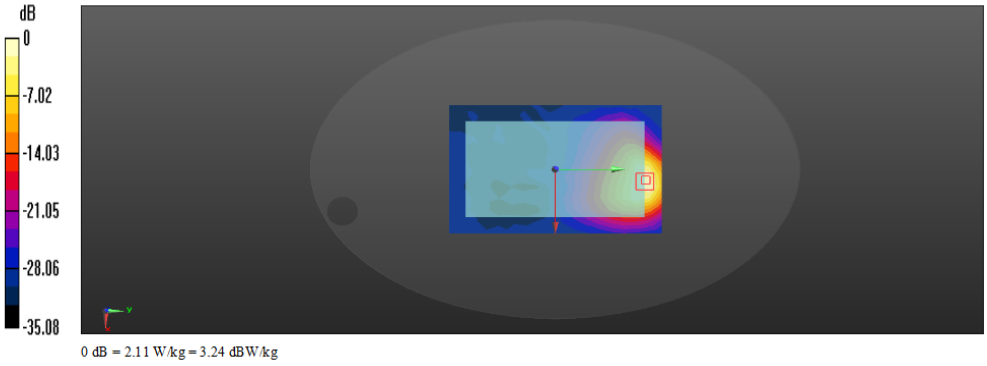
Communication System: UID 0, LTE-FDD (SC-FDMA, 1RB, 15 MHz,QPSK (0); Frequency: 831.5 MHz
Medium parameters used (interpolated): f = 831.5 MHz; $\sigma$ = 0.976 S/m; $\varepsilon_r$ = 55.886; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.19, 10.19, 10.19); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2 0mm/M2-802L/Area Scan (12x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.11 W/kg

**Test Position 2 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.783 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 4.20 W/kg
**SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.838 W/kg**
Maximum value of SAR (measured) = 3.08 W/kg



Date/Time: 04/25/2015 14:35:44

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 26 1RB Test Position 2 distance=0mm Low**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

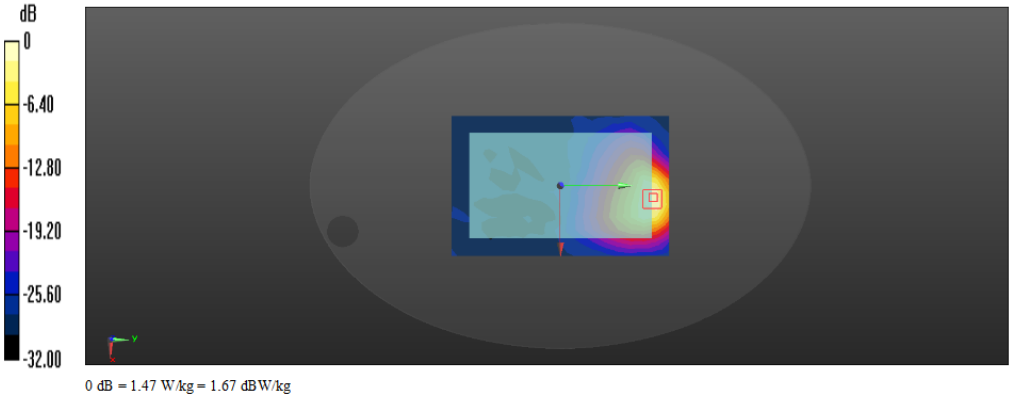
Communication System: UID 0, LTE-FDD (SC-FDMA, 1RB, 15 MHz,QPSK (0); Frequency: 821.5 MHz
Medium parameters used (extrapolated): f = 821.5 MHz; $\sigma$ = 0.991 S/m; $\varepsilon_r$ = 55.914; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.19, 10.19, 10.19); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2 0mm/M2-802L/Area Scan (12x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.47 W/kg

**Test Position 2 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.837 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 2.85 W/kg
**SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.594 W/kg**
Maximum value of SAR (measured) = 2.10 W/kg



0 dB = 1.47 W/kg = 1.67 dBW/kg

Date/Time: 04/25/2015 15:16:33

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 26 1RB Test Position 2 distance=0mm Mid earphone**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

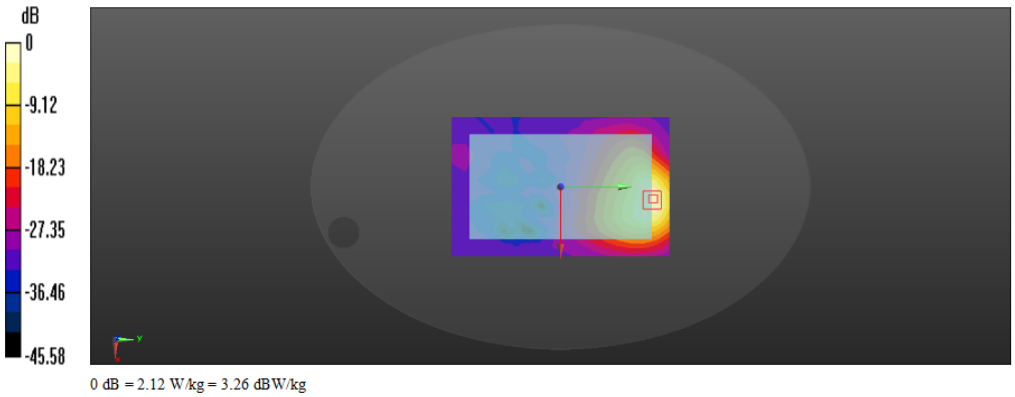
Communication System: UID 0, LTE-FDD (SC-FDMA, 1RB, 15 MHz,QPSK (0); Frequency: 831.5 MHz
Medium parameters used (interpolated): f = 831.5 MHz; $\sigma$ = 0.976 S/m; $\varepsilon_r$ = 55.886; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.19, 10.19, 10.19); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2 0mm/M2-802L/Area Scan (12x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.12 W/kg

**Test Position 2 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.465 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 4.17 W/kg
**SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.842 W/kg**
Maximum value of SAR (measured) = 3.04 W/kg



0 dB = 2.12 W/kg = 3.26 dBW/kg

Date/Time: 04/25/2015 15:58:37

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 26 1RB Test Position 3 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

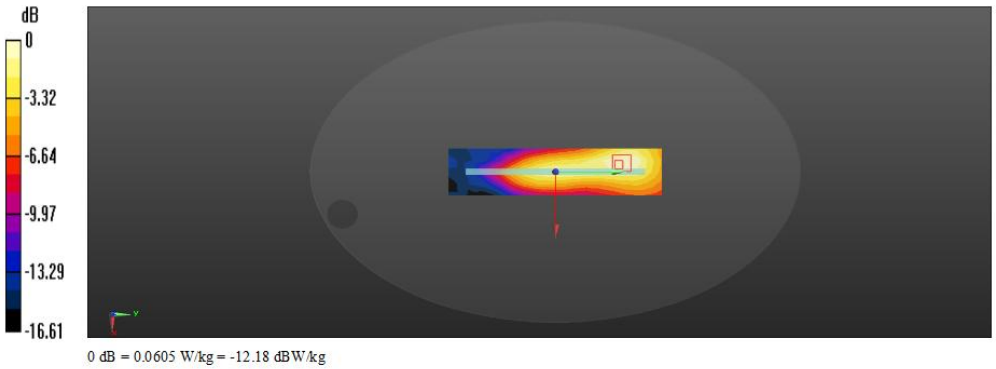
Communication System: UID 0, LTE-FDD (SC-FDMA, 1RB, 15 MHz,QPSK (0); Frequency: 841.5 MHz
Medium parameters used (interpolated): f = 841.5 MHz; $\sigma$ = 0.98 S/m; $\varepsilon_r$ = 55.829; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.19, 10.19, 10.19); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 3 0mm/M2-802L/Area Scan (5x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0605 W/kg

**Test Position 3 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.598 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.127 W/kg
**SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.034 W/kg**
Maximum value of SAR (measured) = 0.0964 W/kg



Date/Time: 04/25/2015 19:45:07

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 26 1RB Test Position 4 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

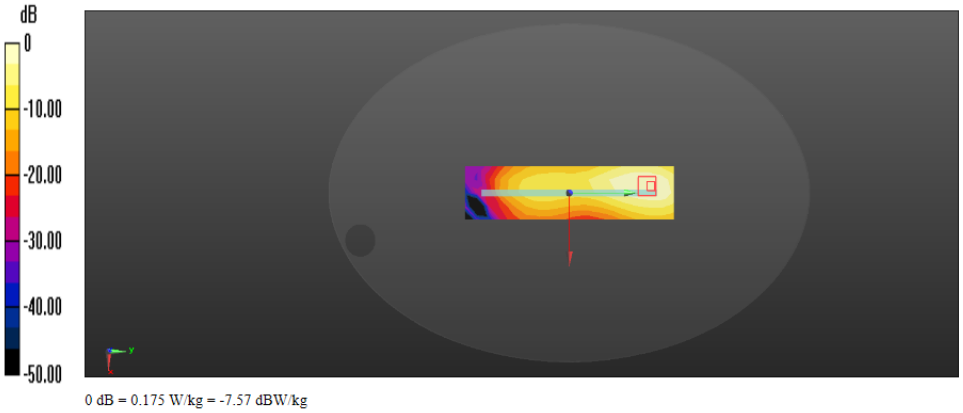
Communication System: UID 0, LTE-FDD (SC-FDMA, 1RB, 15 MHz,QPSK (0); Frequency: 841.5 MHz
Medium parameters used (interpolated): f = 841.5 MHz; $\sigma$ = 0.98 S/m; $\varepsilon_r$ = 55.829; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.19, 10.19, 10.19); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 4 0mm/M2-802L/Area Scan (5x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.175 W/kg

**Test Position 4 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.181 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.417 W/kg
**SAR(1 g) = 0.217 W/kg; SAR(10 g) = 0.133 W/kg**
Maximum value of SAR (measured) = 0.344 W/kg



Date/Time: 04/25/2015 16:30:42

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 26 1RB Test Position 6 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

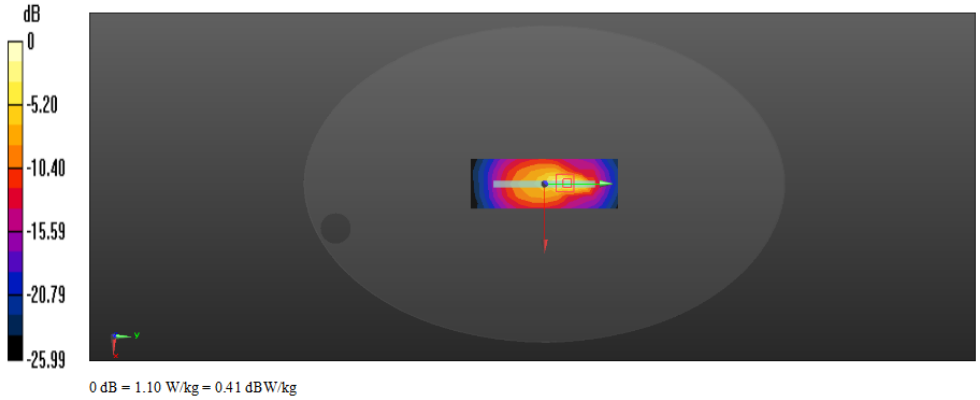
Communication System: UID 0, LTE-FDD (SC-FDMA, 1RB, 15 MHz,QPSK (0); Frequency: 841.5 MHz
Medium parameters used (interpolated): f = 841.5 MHz; $\sigma$ = 0.98 S/m; $\varepsilon_r$ = 55.829; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.19, 10.19, 10.19); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 6 0mm/M2-802L/Area Scan (5x13x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.10 W/kg

**Test Position 6 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.224 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 2.07 W/kg
**SAR(1 g) = 0.581 W/kg; SAR(10 g) = 0.300 W/kg**
Maximum value of SAR (measured) = 1.38 W/kg



Date/Time: 04/26/2015 10:47:31

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 26 50%RB Test Position 2 distance=0mm Repeat test**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

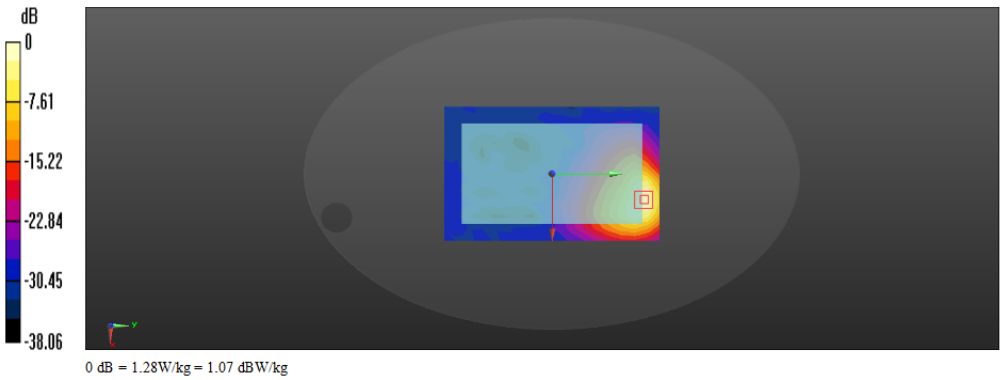
Communication System: UID 0, LTE-FDD (SC-FDMA,50%RB, 15MHz,QPSK) (0); Frequency: 841.5 MHz
Medium parameters used (extrapolated): f = 841.5 MHz; $\sigma$ = 0.98 S/m; $\varepsilon_r$ = 55.829; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.19, 10.19, 10.19); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2 0mm/M2-802L/Area Scan (12x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.28 W/kg

**Test Position 2 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.256 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 3.27 W/kg
**SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.671 W/kg**
Maximum value of SAR (measured) = 2.42 W/kg



Date/Time: 04/25/2015 17:21:27

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 26 50%RB Test Position 2 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

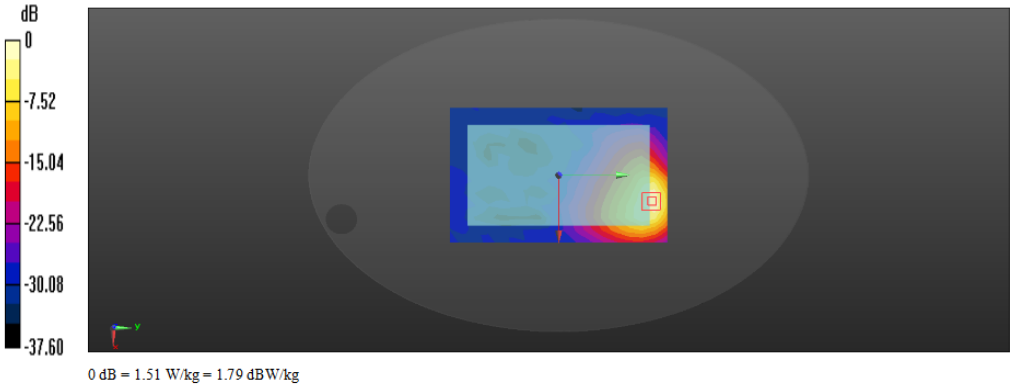
Communication System: UID 0, LTE-FDD (SC-FDMA,50%RB, 15MHz,QPSK) (0); Frequency: 821.5 MHz
Medium parameters used (extrapolated): f = 821.5 MHz; $\sigma$ = 0.991 S/m; $\varepsilon_r$ = 55.914; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.19, 10.19, 10.19); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2 0mm/M2-802L/Area Scan (12x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.51 W/kg

**Test Position 2 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.308 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 3.00 W/kg
**SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.589 W/kg**
Maximum value of SAR (measured) = 2.22 W/kg



0 dB = 1.51 W/kg = 1.79 dBW/kg

Date/Time: 04/26/2015 11:32:47

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 26 50%RB Test Position 2 distance=0mm High**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

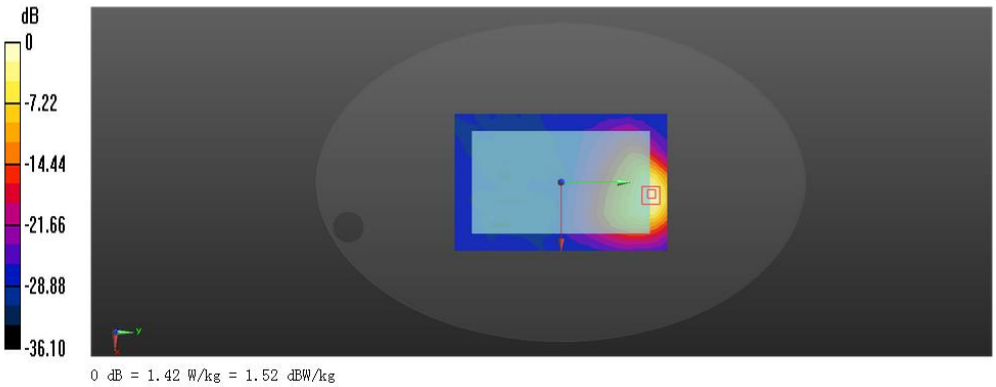
Communication System: UID 0, LTE-FDD (SC-FDMA,50%RB, 15MHz,QPSK) (0); Frequency: 841.5 MHz
Medium parameters used (interpolated): f = 841.5 MHz; $\sigma$ = 0.98 S/m; $\varepsilon_r$ = 55.829; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.19, 10.19, 10.19); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2 0mm/M2-802L/Area Scan (12x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.42 W/kg

**Test Position 2 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.253 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 3.69 W/kg
**SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.714 W/kg**
Maximum value of SAR (measured) = 2.65 W/kg



Date/Time: 04/26/2015 12:18:42

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 26 50%RB Test Position 2 distance=0mm Mid**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

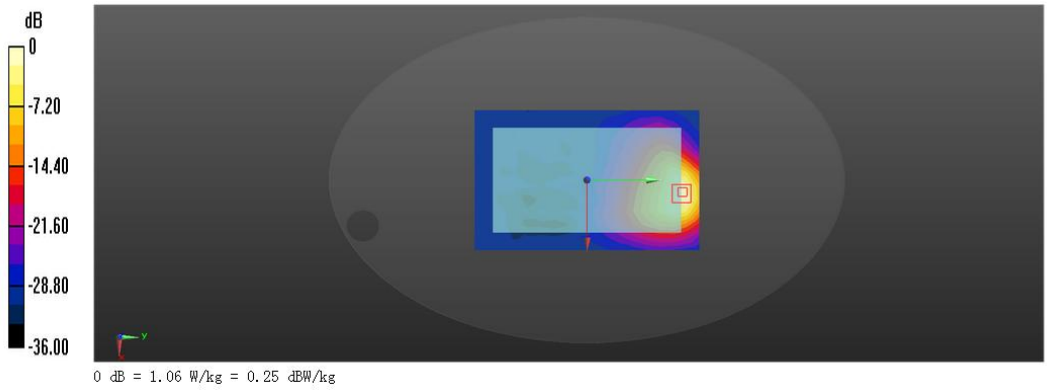
Communication System: UID 0, LTE-FDD (SC-FDMA,50%RB, 15MHz,QPSK) (0); Frequency: 831.5 MHz
Medium parameters used (interpolated): f = 831.5 MHz; $\sigma$ = 0.976 S/m; $\varepsilon_r$ = 55.886; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.19, 10.19, 10.19); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2 0mm/M2-802L/Area Scan (12x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.06 W/kg

**Test Position 2 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.072 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 2.75 W/kg
**SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.561 W/kg**
Maximum value of SAR (measured) = 1.99 W/kg



Date/Time: 04/26/2015 13:04:28

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 26 50%RB Test Position 2 distance=0mm High earphone**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

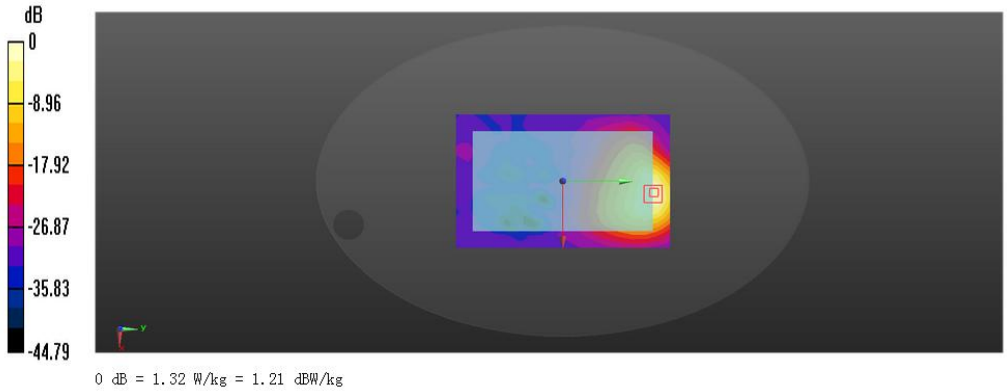
Communication System: UID 0, LTE-FDD (SC-FDMA,50%RB, 15MHz,QPSK) (0); Frequency: 841.5 MHz
Medium parameters used (interpolated): f = 841.5 MHz; $\sigma$ = 0.98 S/m; $\varepsilon_r$ = 55.829; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.19, 10.19, 10.19); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2 0mm/M2-802L/Area Scan (12x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.32 W/kg

**Test Position 2 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.157 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 3.85 W/kg
**SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.755 W/kg**
Maximum value of SAR (measured) = 2.79 W/kg



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**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 26 50%RB Test Position 3 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

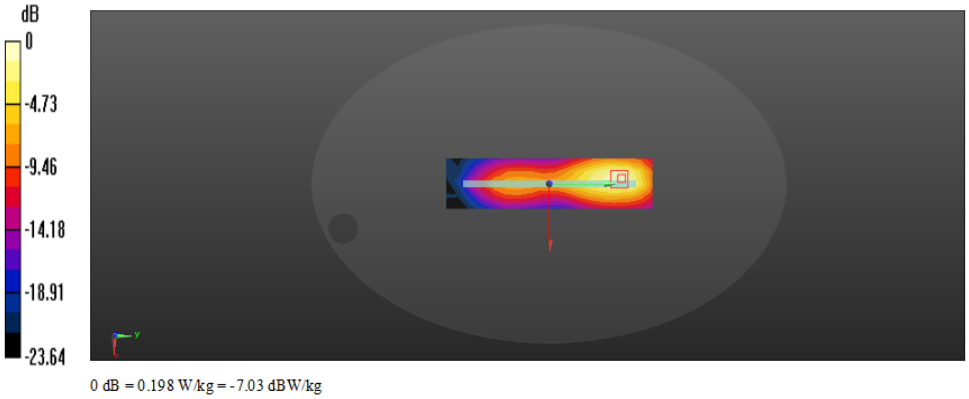
Communication System: UID 0, LTE-FDD (SC-FDMA,50%RB, 15MHz,QPSK) (0); Frequency: 821.5 MHz
Medium parameters used (extrapolated): f = 821.5 MHz; $\sigma$ = 0.991 S/m; $\varepsilon_r$ = 55.914; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.19, 10.19, 10.19); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 3 0mm/M2-802L/Area Scan (5x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.198 W/kg

**Test Position 3 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.684 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.431 W/kg
**SAR(1 g) = 0.202 W/kg; SAR(10 g) = 0.109 W/kg**
Maximum value of SAR (measured) = 0.323 W/kg



Date/Time: 04/26/2015 18:50:22

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 26 50%RB Test Position 4 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

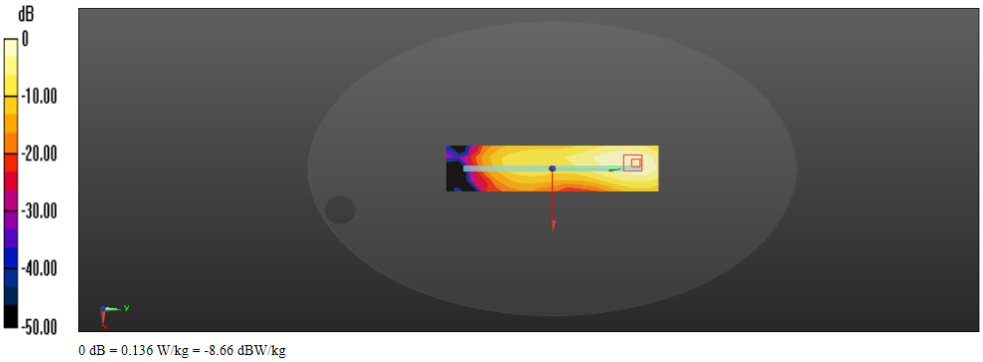
Communication System: UID 0, LTE-FDD (SC-FDMA,50%RB, 15MHz,QPSK) (0); Frequency: 821.5 MHz
Medium parameters used (extrapolated): f = 821.5 MHz; $\sigma$ = 0.991 S/m; $\varepsilon_r$ = 55.914; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.19, 10.19, 10.19); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 4 0mm/M2-802L/Area Scan (5x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.136 W/kg

**Test Position 4 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.652 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.324 W/kg
**SAR(1 g) = 0.169 W/kg; SAR(10 g) = 0.103 W/kg**
Maximum value of SAR (measured) = 0.269 W/kg



0 dB = 0.136 W/kg = -8.66 dBW/kg

Date/Time: 04/26/2015 14:33:04

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 26 50%RB Test Position 6 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

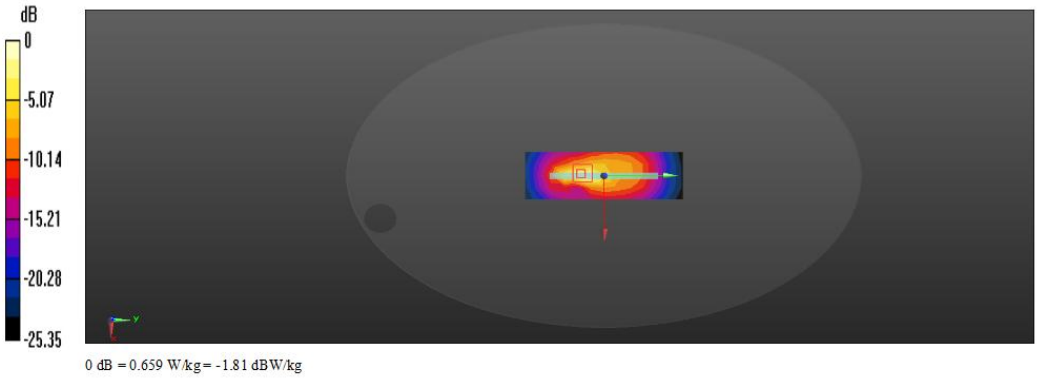
Communication System: UID 0, LTE-FDD (SC-FDMA,50%RB, 15MHz,QPSK) (0); Frequency: 821.5 MHz
Medium parameters used (extrapolated): f = 821.5 MHz; $\sigma$ = 0.991 S/m; $\varepsilon_r$ = 55.914; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.19, 10.19, 10.19); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 6 0mm/M2-802L/Area Scan (5x13x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.659 W/kg

**Test Position 6 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.206 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.35 W/kg
**SAR(1 g) = 0.456 W/kg; SAR(10 g) = 0.200 W/kg**
Maximum value of SAR (measured) = 0.915 W/kg



Date/Time: 04/26/2015 15:29:58

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L LTE Band 26 100%RB Test Position 2 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

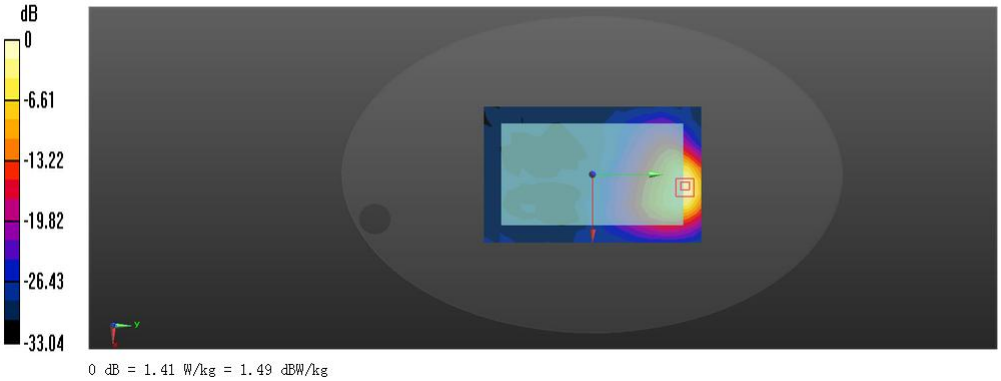
Communication System: UID 0, LTE-FDD (SC-FDMA,100%RB, 15MHz,QPSK) (0); Frequency: 821.5 MHz
Medium parameters used (extrapolated): f = 821.5 MHz; $\sigma$ = 0.991 S/m; $\varepsilon_r$ = 55.914; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(10.19, 10.19, 10.19); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2 0mm/M2-802L/Area Scan (12x18x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.41 W/kg

**Test Position 2 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.018 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 2.62 W/kg
**SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.571 W/kg**
Maximum value of SAR (measured) = 1.94 W/kg



Date/Time: 04/28/2015 16:38:46

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L 802.11b 2462MHz CH 11 Test Position 2 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

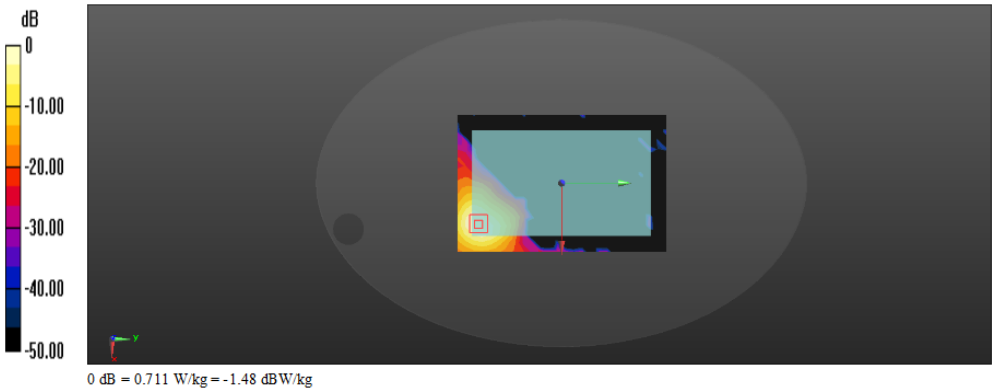
Communication System: UID 0, IEEE 802.11b WiFi 2.4GHz (DSSS,1Mbps) (0); Frequency: 2462 MHz
Medium parameters used (interpolated): f = 2462 MHz; $\sigma$ = 2.048 S/m; $\varepsilon_r$ = 50.622; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.6, 7.6, 7.6); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2 0mm/M2-802L/Area Scan (17x26x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.711 W/kg

**Test Position 2 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.21 W/kg
**SAR(1 g) = 0.526 W/kg; SAR(10 g) = 0.244 W/kg**
Maximum value of SAR (measured) = 0.965 W/kg



Date/Time: 04/28/2015 17:43:22

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L 802.11b 2462MHz CH 11 Test Position 4 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

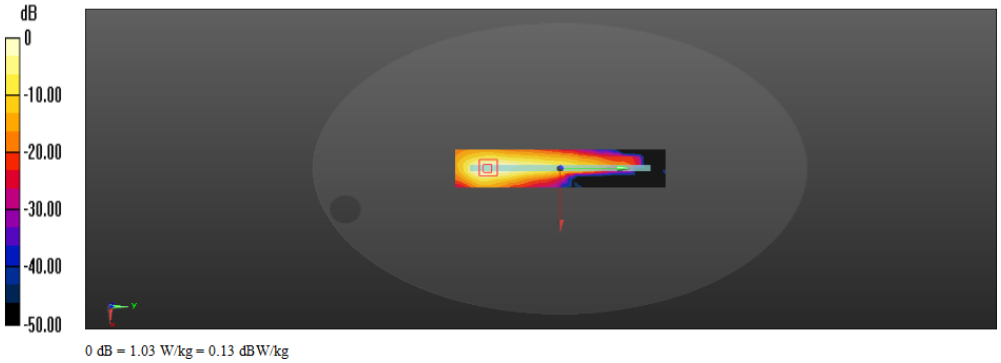
Communication System: UID 0, IEEE 802.11b WiFi 2.4GHz (DSSS,1Mbps) (0); Frequency: 2462 MHz
Medium parameters used (interpolated): f = 2462 MHz; $\sigma$ = 2.048 S/m; $\varepsilon_r$ = 50.622; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.6, 7.6, 7.6); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 4 0mm/M2-802L/Area Scan (6x26x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.03 W/kg

**Test Position 4 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.589 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 2.36 W/kg
**SAR(1 g) = 0.727 W/kg; SAR(10 g) = 0.383 W/kg**
Maximum value of SAR (measured) = 1.79 W/kg



Date/Time: 04/28/2015 19:35:42

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L 802.11b 2462MHz CH 11 Test Position 5 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

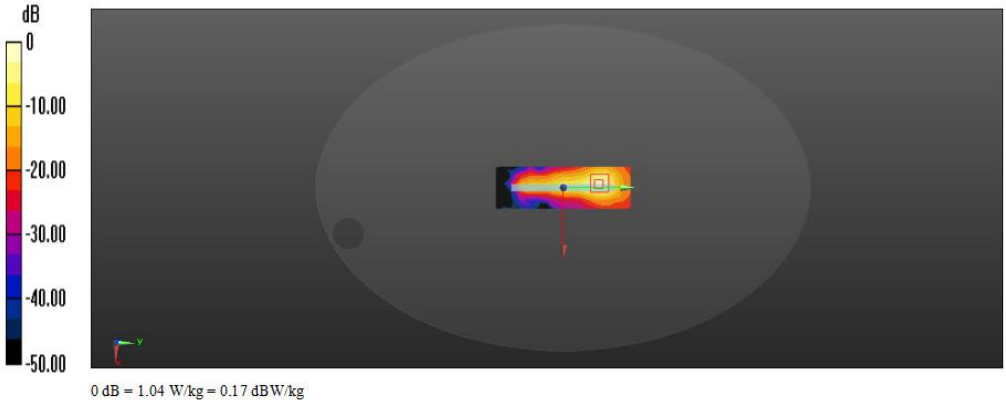
Communication System: UID 0, IEEE 802.11b WiFi 2.4GHz (DSSS,1Mbps) (0); Frequency: 2462 MHz
Medium parameters used (interpolated): f = 2462 MHz; $\sigma$ = 2.048 S/m; $\varepsilon_r$ = 50.622; $\rho$ = 1000 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(7.6, 7.6, 7.6); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),z = 1.0, 31.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 5 0mm/M2-802L/Area Scan (6x17x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.04 W/kg

**Test Position 5 0mm/M2-802L/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.887 V/m; Power Drift = 0.36 dB
Peak SAR (extrapolated) = 3.86 W/kg
**SAR(1 g) = 0.735 W/kg; SAR(10 g) = 0.441 W/kg**
Maximum value of SAR (measured) = 2.72 W/kg



Date/Time: 05/07/2015 15:11:35

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L 802.11a Band1 5200MHz CH44 Test Position 2 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

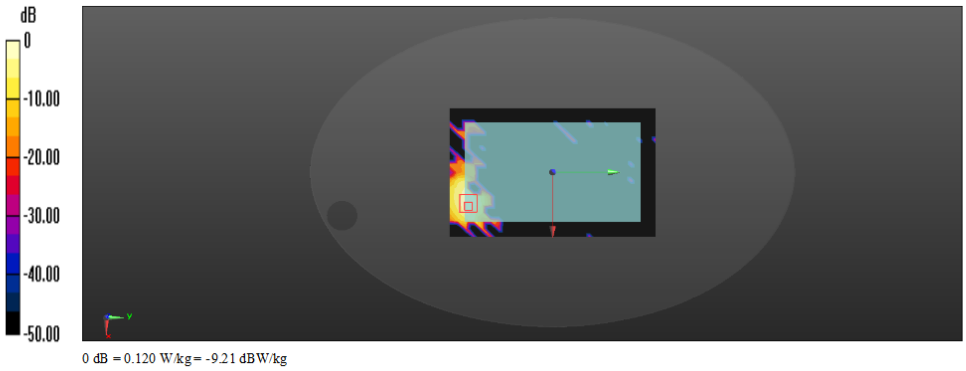
Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5200 MHz
Medium parameters used: f = 5200 MHz; $\sigma$ = 5.4 S/m; $\varepsilon_r$ = 51; $\rho$ = 996 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(5.17, 5.17, 5.17); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 25.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2/M2-802L/Area Scan (17x26x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.120 W/kg

**Test Position 2/M2-802L/Zoom Scan (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.324 W/kg
**SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.020 W/kg**
Maximum value of SAR (measured) = 0.167 W/kg



Date/Time: 05/07/2015 16:38:39

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L 802.11a Band1 5200MHz CH44 Test Position 4 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

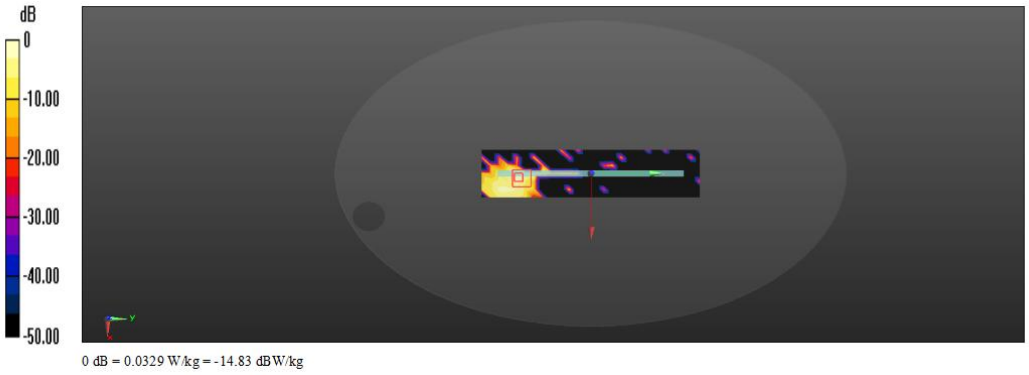
Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5200 MHz
Medium parameters used: f = 5200 MHz; $\sigma$ = 5.4 S/m; $\varepsilon_r$ = 51; $\rho$ = 996 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(5.17, 5.17, 5.17); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 25.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 4/M2-802L/Area Scan (7x26x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.0329 W/kg

**Test Position 4/M2-802L/Zoom Scan (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0 V/m; Power Drift =0.01 dB
Peak SAR (extrapolated) = 0.147 W/kg
**SAR(1 g) = 0.024 W/kg; SAR(10 g) = 0.00541 W/kg**
Maximum value of SAR (measured) = 0.0941 W/kg



Date/Time: 05/07/2015 08:49:51

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L 802.11a Band1 5200MHz CH44 Test Position 5 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

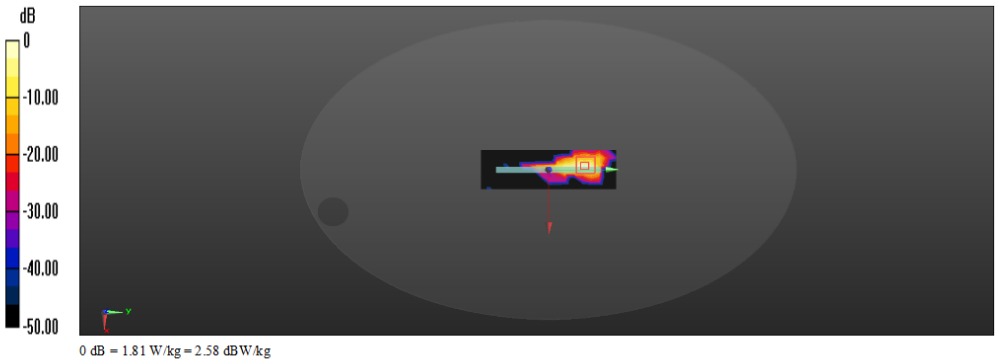
Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5200 MHz
Medium parameters used: f = 5200 MHz; $\sigma$ = 5.4 S/m; $\varepsilon_r$ = 51; $\rho$ = 996 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(5.17, 5.17, 5.17); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = -19.0, 25.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 5/M2-802L/Area Scan (6x17x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.81 W/kg

**Test Position 5/M2-802L/Zoom Scan (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.062 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 5.24 W/kg
**SAR(1 g) = 0.762 W/kg; SAR(10 g) = 0.185 W/kg**
Maximum value of SAR (measured) = 2.35 W/kg



Date/Time: 05/07/2015 17:39:52

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L 802.11a Band 2 5320MHz CH64 Test Position 2 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

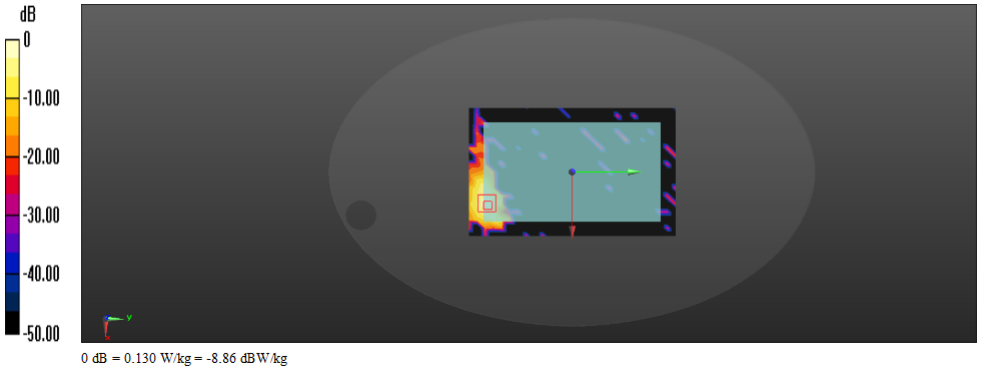
Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5320 MHz
Medium parameters used (interpolated): f = 5320 MHz; $\sigma$ = 5.572 S/m; $\varepsilon_r$ = 50.04; $\rho$ = 996 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(4.97, 4.97, 4.97); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 25.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2/M2-802L/Area Scan (17x26x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.130 W/kg

**Test Position 2/M2-802L/Zoom Scan (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.315 W/kg
**SAR(1 g) = 0.067 W/kg; SAR(10 g) = 0.019 W/kg**
Maximum value of SAR (measured) = 0.194 W/kg



0 dB = 0.130 W/kg = -8.86 dBW/kg

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**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L 802.11a Band 2 5320MHz CH64 Test Position 4 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

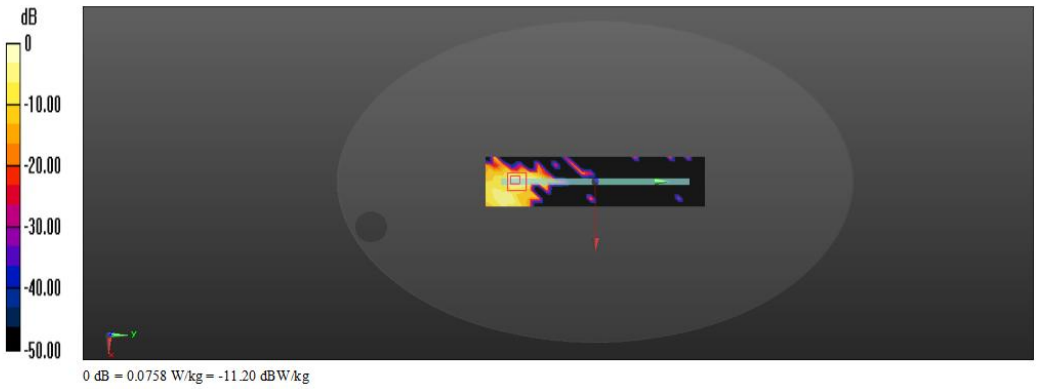
Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5320 MHz
Medium parameters used (interpolated): f = 5320 MHz; $\sigma$ = 5.572 S/m; $\varepsilon_r$ = 50.04; $\rho$ = 996 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(4.97, 4.97, 4.97); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 25.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 4/M2-802L/Area Scan (7x26x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.0758 W/kg

**Test Position 4/M2-802L/Zoom Scan (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.154 V/m; Power Drift =0.01 dB
Peak SAR (extrapolated) = 0.216 W/kg
**SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.00878 W/kg**
Maximum value of SAR (measured) = 0.131 W/kg



Date/Time: 05/07/2015 11:00:11

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L 802.11a Band 2 5320MHz CH64 Test Position 5 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

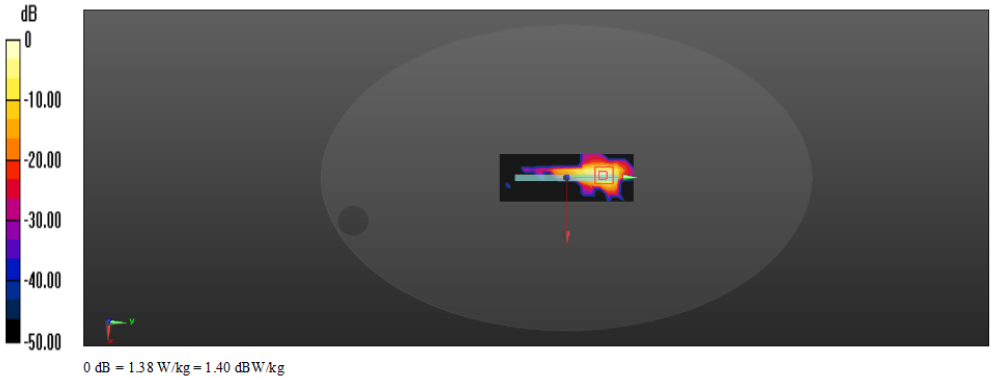
Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5320 MHz
Medium parameters used (interpolated): f = 5320 MHz; $\sigma$ = 5.572 S/m; $\varepsilon_r$ = 50.04; $\rho$ = 996 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(4.97, 4.97, 4.97); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 25.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 5/M2-802L/Area Scan (7x17x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.38 W/kg

**Test Position 5/M2-802L/Zoom Scan (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.270 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 6.08 W/kg
**SAR(1 g) = 0.920 W/kg; SAR(10 g) = 0.227 W/kg**
Maximum value of SAR (measured) = 2.80 W/kg



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**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L 802.11a Band 2 5320MHz CH 64 Test Position 5 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

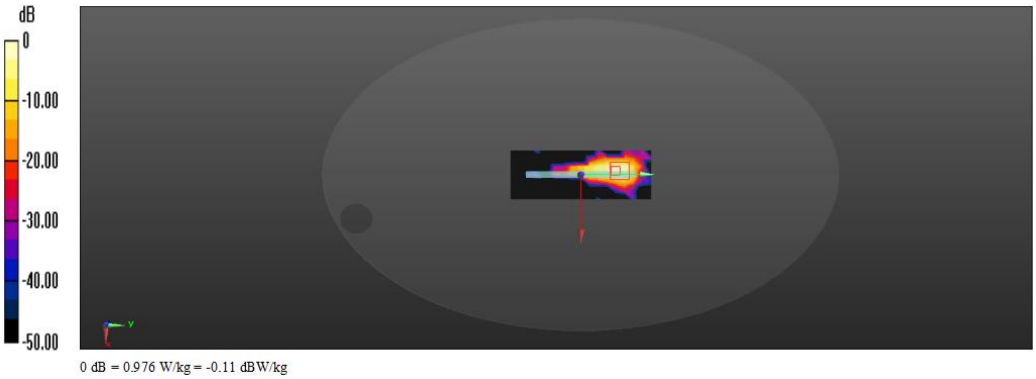
Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5320 MHz
Medium parameters used (interpolated): f = 5320 MHz; $\sigma$ = 5.572 S/m; $\varepsilon_r$ = 50.04; $\rho$ = 996 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(4.97, 4.97, 4.97); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 5/M2-802L/Area Scan (7x17x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.976 W/kg

**Test Position 5/M2-802L/Zoom Scan (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.718 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 5.20 W/kg
**SAR(1 g) = 0.861 W/kg; SAR(10 g) = 0.200 W/kg**
Maximum value of SAR (measured) = 2.74 W/kg



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**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L 802.11a Band 2 5260MHz CH 52 Test Position 5 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

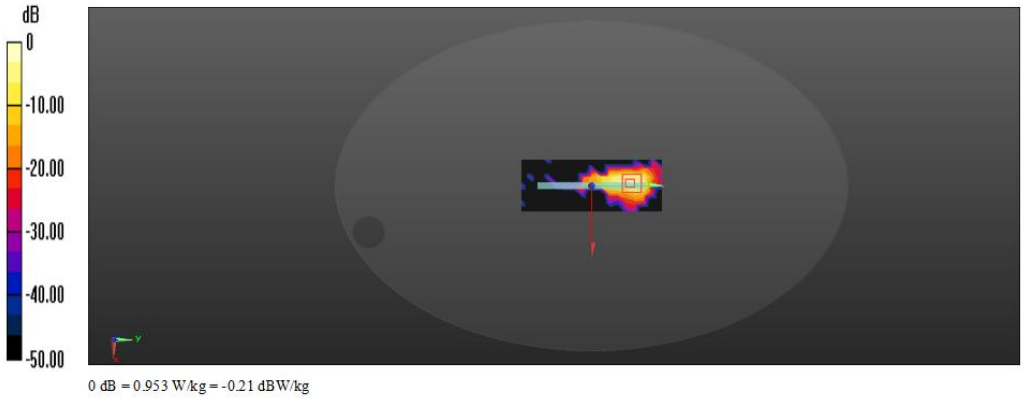
Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5260 MHz
Medium parameters used (interpolated): f = 5260 MHz; $\sigma$ = 5.472 S/m; $\varepsilon_r$ = 50.76; $\rho$ = 996 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(4.97, 4.97, 4.97); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 25.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 5/M2-802L/Area Scan (7x17x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.953 W/kg

**Test Position 5/M2-802L/Zoom Scan (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.859 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 4.49 W/kg
**SAR(1 g) = 0.703 W/kg; SAR(10 g) = 0.172 W/kg**
Maximum value of SAR (measured) = 2.01 W/kg



0 dB = 0.953 W/kg = -0.21 dBW/kg

Date/Time: 05/08/2015 08:23:35

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L 802.11a Band 2 5280MHz CH 56 Test Position 5 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

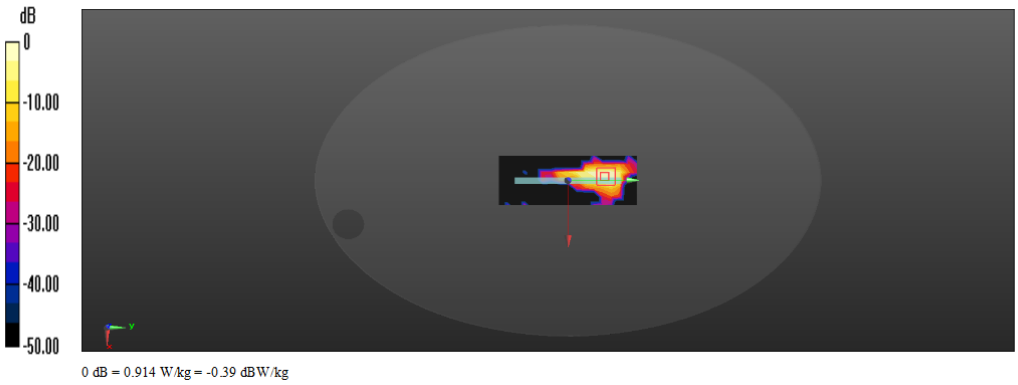
Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5280 MHz
Medium parameters used (interpolated): f = 5280 MHz; $\sigma$ = 5.516 S/m; $\varepsilon_r$ = 50.68; $\rho$ = 996 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(4.97, 4.97, 4.97); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 25.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 5/M2-802L/Area Scan (7x17x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.914 W/kg

**Test Position 5/M2-802L/Zoom Scan (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.661 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 5.26 W/kg
**SAR(1 g) = 0.826 W/kg; SAR(10 g) = 0.205 W/kg**
Maximum value of SAR (measured) = 2.25 W/kg



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**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L 802.11a Band 2 5300MHz CH 60 Test Position 5 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

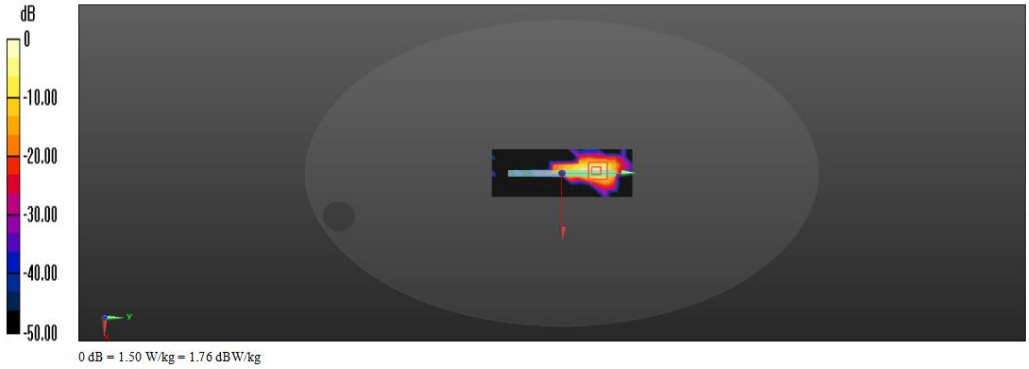
Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5300 MHz
Medium parameters used: f = 5300 MHz; $\sigma$ = 5.56 S/m; $\varepsilon_r$ = 50.6; $\rho$ = 996 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(4.97, 4.97, 4.97); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 5/M2-802L/Area Scan (7x17x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.50 W/kg

**Test Position 5/M2-802L/Zoom Scan (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.029 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 5.25 W/kg
**SAR(1 g) = 0.823 W/kg; SAR(10 g) = 0.195 W/kg**
Maximum value of SAR (measured) = 2.63 W/kg



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**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L 802.11a Band 3 5500MHz CH 100 Test Position 2 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

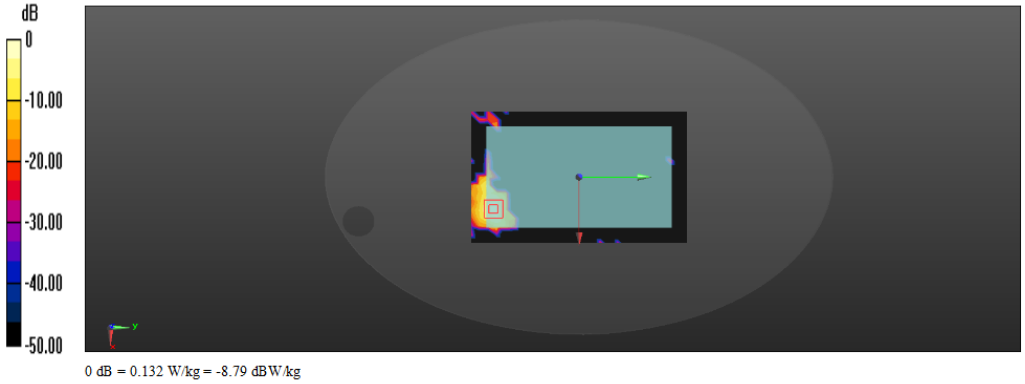
Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5500 MHz
Medium parameters used: f = 5500 MHz; $\sigma$ = 5.79 S/m; $\varepsilon_r$ = 48.6; $\rho$ = 996 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(4.54, 4.54, 4.54); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2/M2-802L/Area Scan (17x26x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.132 W/kg

**Test Position 2/M2-802L/Zoom Scan (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.752 W/kg
**SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.017 W/kg**
Maximum value of SAR (measured) = 0.207 W/kg



Date/Time: 05/08/2015 12:34:52

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L 802.11a Band 3 5500MHz CH 100 Test Position 4 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

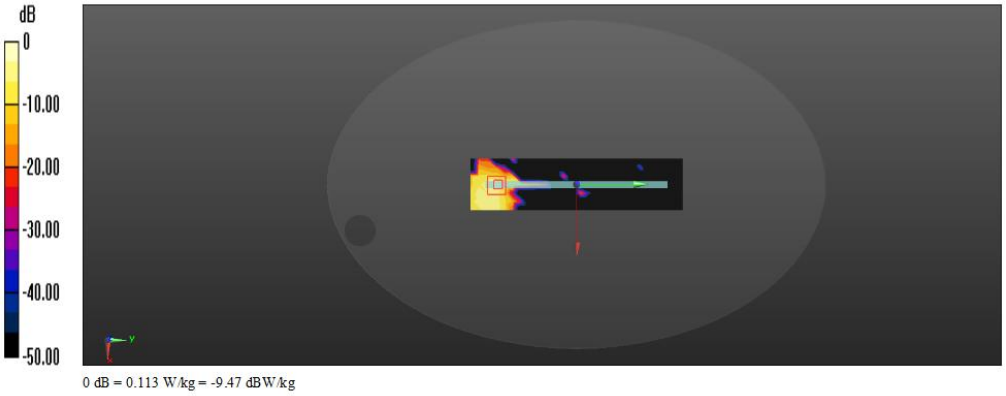
Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5500 MHz
Medium parameters used: f = 5500 MHz; $\sigma$ = 5.79 S/m; $\varepsilon_r$ = 48.6; $\rho$ = 996 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(4.54, 4.54, 4.54); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 4/M2-802L/Area Scan (7x26x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.113 W/kg

**Test Position 4/M2-802L/Zoom Scan (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.238 W/kg
**SAR(1 g) = 0.042 W/kg; SAR(10 g) = 0.00947 W/kg**
Maximum value of SAR (measured) = 0.144 W/kg



Date/Time: 05/09/2015 17:46:34

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L 802.11a Band 3 5500MHz CH 100 Test Position 5 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

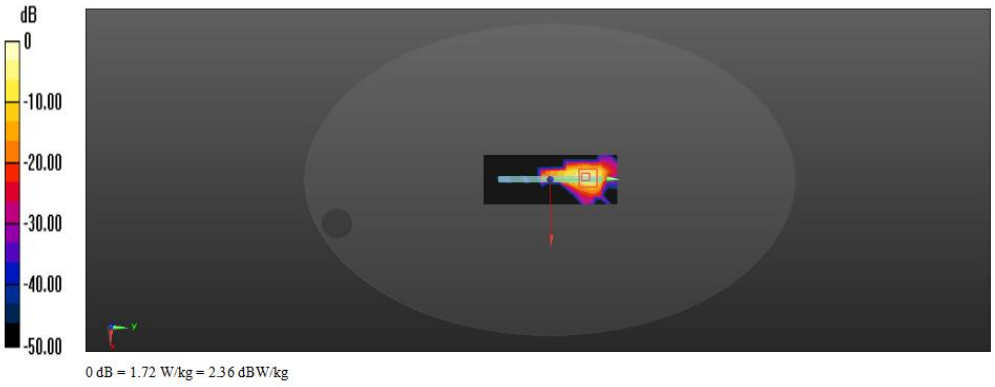
Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5500 MHz
Medium parameters used: f = 5500 MHz; $\sigma$ = 5.79 S/m; $\varepsilon_r$ = 48.6; $\rho$ = 996 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(4.54, 4.54, 4.54); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),z = 1.0, 25.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 5/M2-802L/Area Scan (7x17x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.72 W/kg

**Test Position 5/M2-802L/Zoom Scan (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.731 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 6.54 W/kg
**SAR(1 g) = 0.966 W/kg; SAR(10 g) = 0.229 W/kg**
Maximum value of SAR (measured) = 3.04 W/kg



Date/Time: 05/09/2015 12:34:26

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L 802.11a Band 3 5500MHz CH 100 Test Position 5 distance=0mm Repeat**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

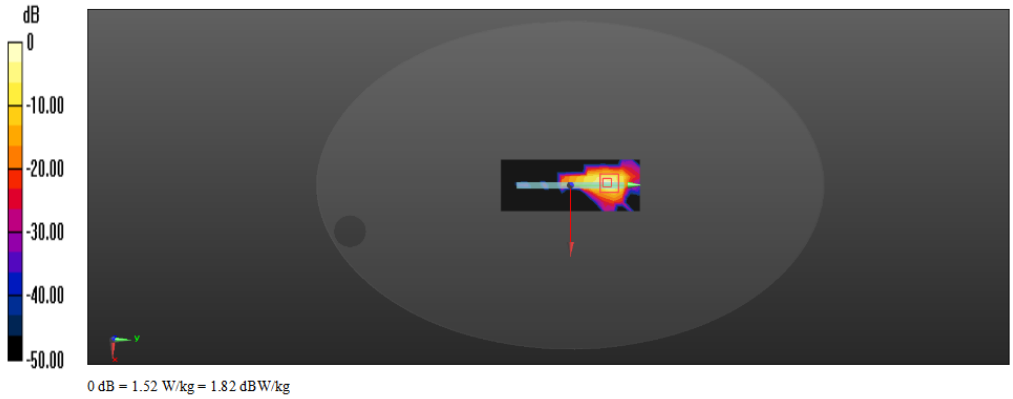
Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5700 MHz
Medium parameters used: f = 5700 MHz; $\sigma$ = 6.08 S/m; $\varepsilon_r$ = 48.5; $\rho$ = 996 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(4.54, 4.54, 4.54); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 25.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 5/M2-802L/Area Scan (7x17x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.52 W/kg

**Test Position 5/M2-802L/Zoom Scan (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.652 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 6.44 W/kg
**SAR(1 g) = 0.935 W/kg; SAR(10 g) = 0.252 W/kg**
Maximum value of SAR (measured) = 3.21 W/kg



Date/Time: 05/08/2015 13:22:15

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L 802.11a Band 3 5520MHz CH 104 Test Position 5 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

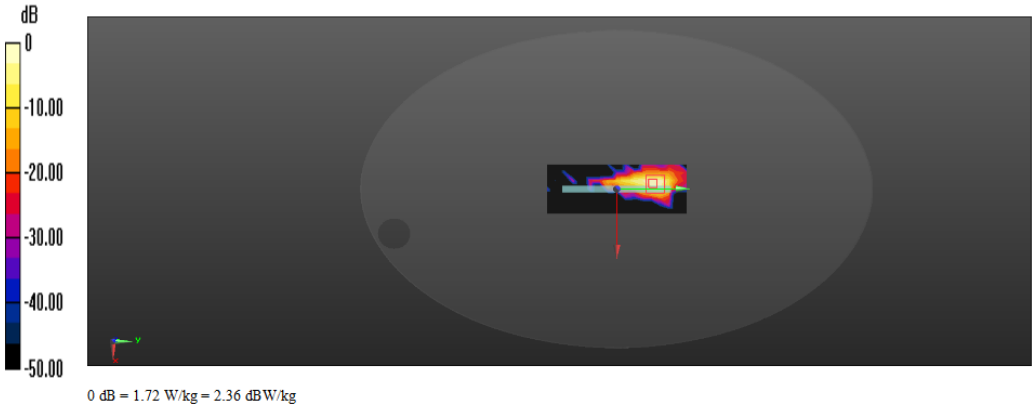
Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5520 MHz
Medium parameters used (interpolated): f = 5520 MHz; $\sigma$ = 5.822 S/m; $\varepsilon_r$ = 48.52; $\rho$ = 996 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(4.54, 4.54, 4.54); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 5/M2-802L/Area Scan (7x17x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.72 W/kg

**Test Position 5/M2-802L/Zoom Scan (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.685 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 6.35 W/kg
**SAR(1 g) = 0.957 W/kg; SAR(10 g) = 0.241 W/kg**
Maximum value of SAR (measured) = 3.42 W/kg



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**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L 802.11a Band 3 5540MHz CH 108 Test Position 5 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

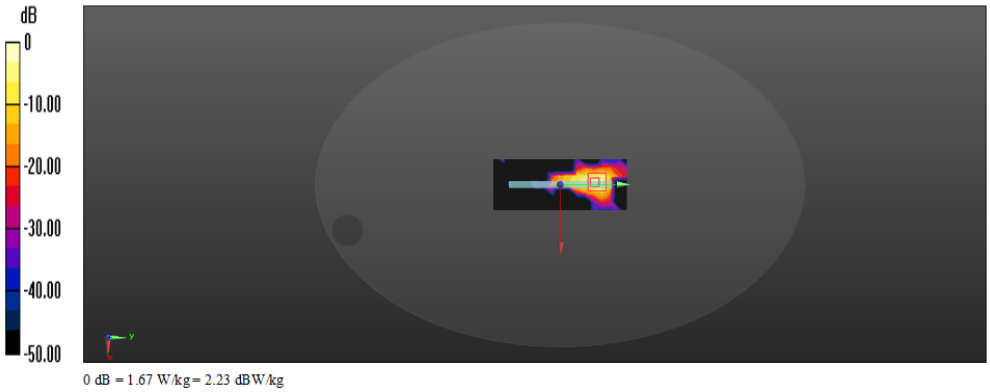
Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5540 MHz
Medium parameters used (interpolated): f = 5540 MHz; $\sigma$ = 5.854 S/m; $\varepsilon_r$ = 48.44; $\rho$ = 996 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(4.54, 4.54, 4.54); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 5/M2-802L/Area Scan (7x17x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.67 W/kg

**Test Position 5/M2-802L/Zoom Scan (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.432 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 6.27 W/kg
**SAR(1 g) = 0.998 W/kg; SAR(10 g) = 0.245 W/kg**
Maximum value of SAR (measured) = 3.25 W/kg



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**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L 802.11a Band 3 5560MHz CH 112 Test Position 5 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

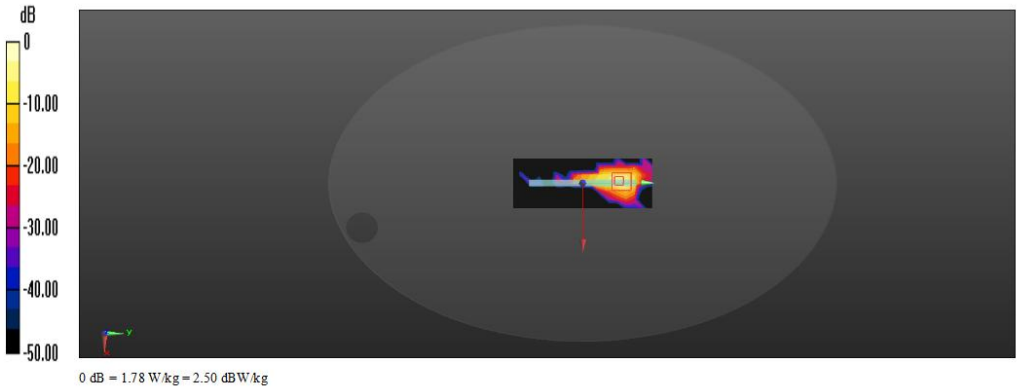
Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5560 MHz
Medium parameters used (interpolated): f = 5560 MHz; $\sigma$ = 5.902 S/m; $\varepsilon_r$ = 48.38; $\rho$ = 996 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(4.47, 4.47, 4.47); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 5/M2-802L/Area Scan (7x17x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.78 W/kg

**Test Position 5/M2-802L/Zoom Scan (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.728 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 6.18 W/kg
**SAR(1 g) = 0.974 W/kg; SAR(10 g) = 0.237 W/kg**
Maximum value of SAR (measured) = 3.19 W/kg



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**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L 802.11a Band 3 5580MHz CH 116 Test Position 5 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

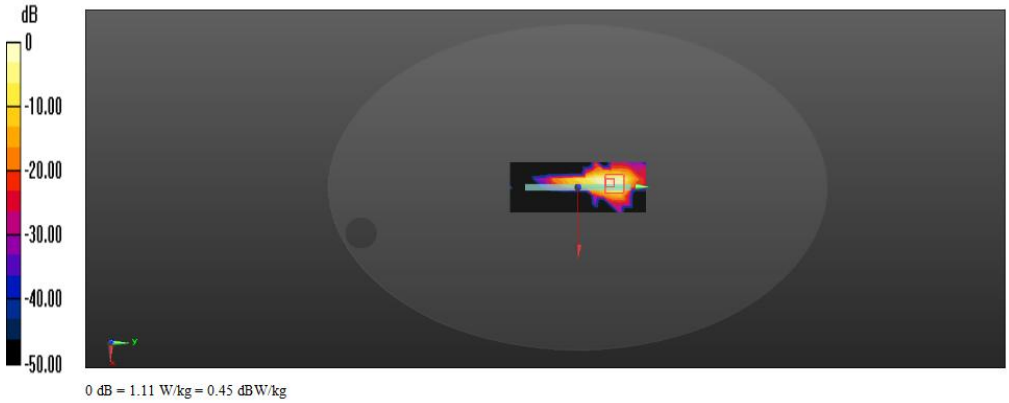
Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5580 MHz
Medium parameters used (interpolated): f = 5580 MHz; $\sigma$ = 5.966 S/m; $\varepsilon_r$ = 48.34; $\rho$ = 996 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(4.47, 4.47, 4.47); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 5/M2-802L/Area Scan (7x17x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.11 W/kg

**Test Position 5/M2-802L/Zoom Scan (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.463 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 6.60 W/kg
**SAR(1 g) = 0.987 W/kg; SAR(10 g) = 0.245 W/kg**
Maximum value of SAR (measured) = 2.83 W/kg



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**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L 802.11a Band 3 5600MHz CH 120 Test Position 5 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

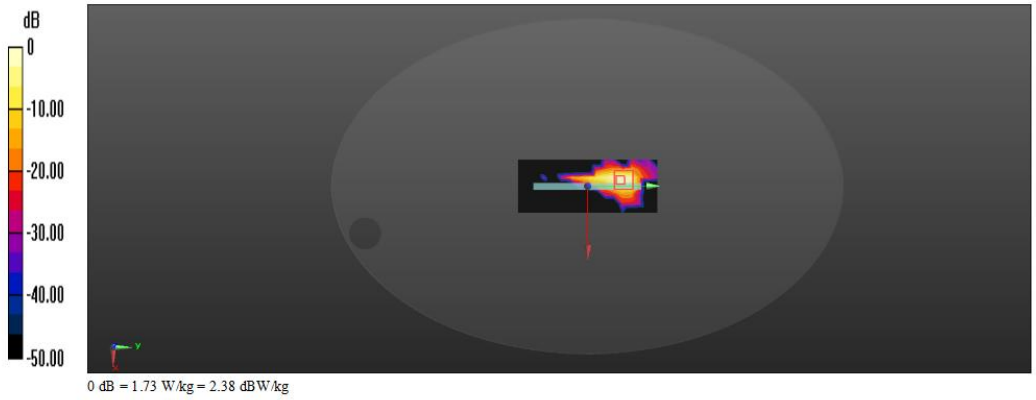
Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5600 MHz
Medium parameters used: f = 5600 MHz; $\sigma$ = 6.03 S/m; $\varepsilon_r$ = 48.3; $\rho$ = 996 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(4.47, 4.47, 4.47); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 5/M2-802L/Area Scan (7x17x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.73 W/kg

**Test Position 5/M2-802L/Zoom Scan (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 6.94 W/kg
**SAR(1 g) = 0.996 W/kg; SAR(10 g) = 0.256 W/kg**
Maximum value of SAR (measured) = 3.12 W/kg



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**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L 802.11a Band 3 5620MHz CH 124 Test Position 5 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

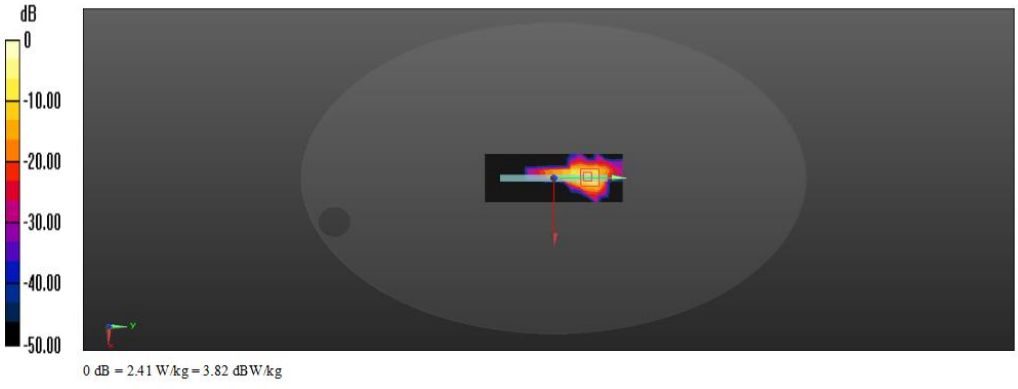
Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5620 MHz
Medium parameters used (interpolated): f = 5620 MHz; $\sigma$ = 6.038 S/m; $\varepsilon_r$ = 48.22; $\rho$ = 996 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(4.47, 4.47, 4.47); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 5/M2-802L/Area Scan (7x17x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 2.41 W/kg

**Test Position 5/M2-802L/Zoom Scan (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.626 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 7.00 W/kg
**SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.257 W/kg**
Maximum value of SAR (measured) = 3.54 W/kg



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**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L 802.11a Band 3 5640MHz CH 128 Test Position 5 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

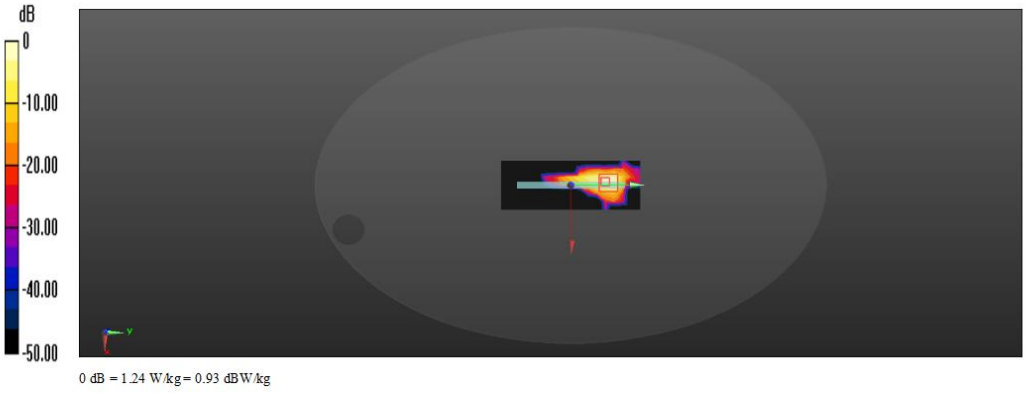
Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5640 MHz
Medium parameters used (interpolated): f = 5640 MHz; $\sigma$ = 6.046 S/m; $\varepsilon_r$ = 48.14; $\rho$ = 996 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(4.47, 4.47, 4.47); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 5/M2-802L/Area Scan (7x17x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.24 W/kg

**Test Position 5/M2-802L/Zoom Scan (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.177 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 6.79 W/kg
**SAR(1 g) = 0.999 W/kg; SAR(10 g) = 0.242 W/kg**
Maximum value of SAR (measured) = 3.03 W/kg



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**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L 802.11a Band 3 5660MHz CH 132 Test Position 5 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

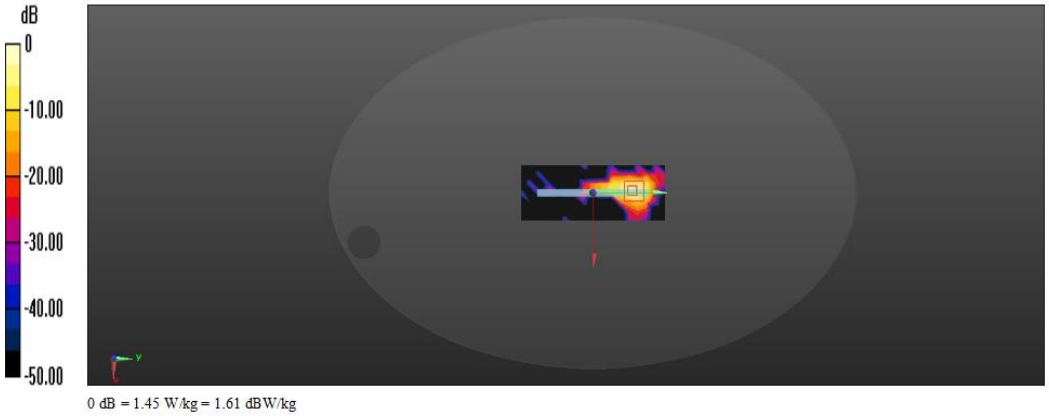
Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5660 MHz
Medium parameters used (interpolated): f = 5660 MHz; $\sigma$ = 6.056 S/m; $\varepsilon_r$ = 48.18; $\rho$ = 996 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(4.47, 4.47, 4.47); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 5/M2-802L/Area Scan (7x17x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.45 W/kg

**Test Position 5/M2-802L/Zoom Scan (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.198 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 6.05 W/kg
**SAR(1 g) = 0.947 W/kg; SAR(10 g) = 0.228 W/kg**
Maximum value of SAR (measured) = 3.20 W/kg



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**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L 802.11a Band 3 5680MHz CH 136 Test Position 5 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

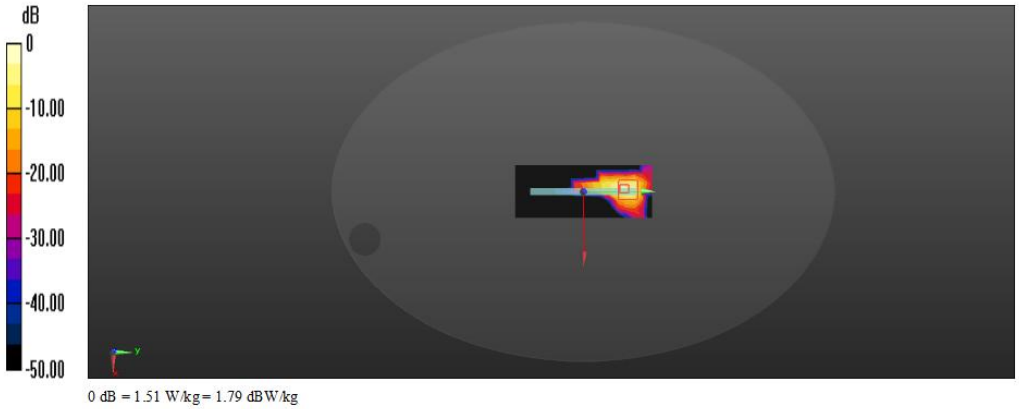
Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5680 MHz
Medium parameters used: f = 5680 MHz; $\sigma$ = 6.072 S/m; $\varepsilon_r$ = 48.25; $\rho$ = 996 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(4.5, 4.5, 4.5); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 5/M2-802L/Area Scan (7x17x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.51 W/kg

**Test Position 5/M2-802L/Zoom Scan (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.837 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 7.15 W/kg
**SAR(1 g) = 0.964 W/kg; SAR(10 g) = 0.228 W/kg**
Maximum value of SAR (measured) = 2.93 W/kg



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**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L 802.11a Band 3 5700MHz CH 140 Test Position 5 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

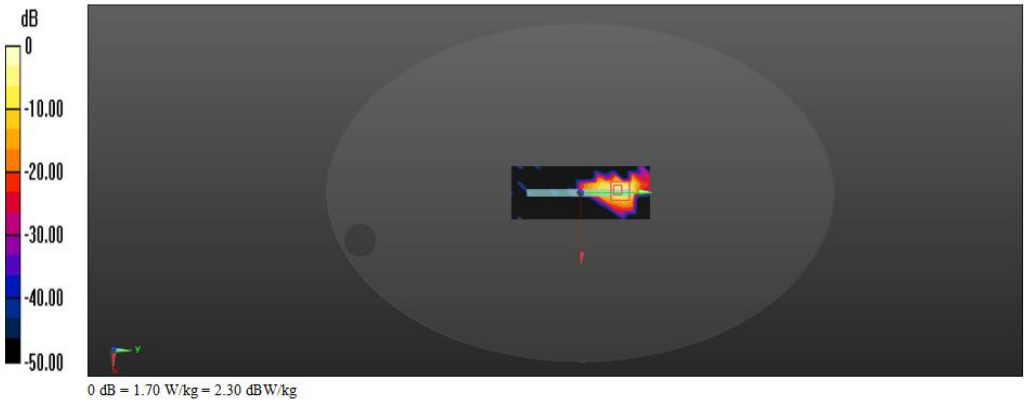
Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5700 MHz
Medium parameters used: f = 5700 MHz; $\sigma$ = 6.08 S/m; $\varepsilon_r$ = 48.5; $\rho$ = 996 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(4.5, 4.5, 4.5); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 5/M2-802L/Area Scan (7x17x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.70 W/kg

**Test Position 5/M2-802L/Zoom Scan (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.480 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 7.54 W/kg
**SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.242 W/kg**
Maximum value of SAR (measured) = 3.38 W/kg



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**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L 802.11a Band 4 5825MHz CH 165 Test Position 2 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

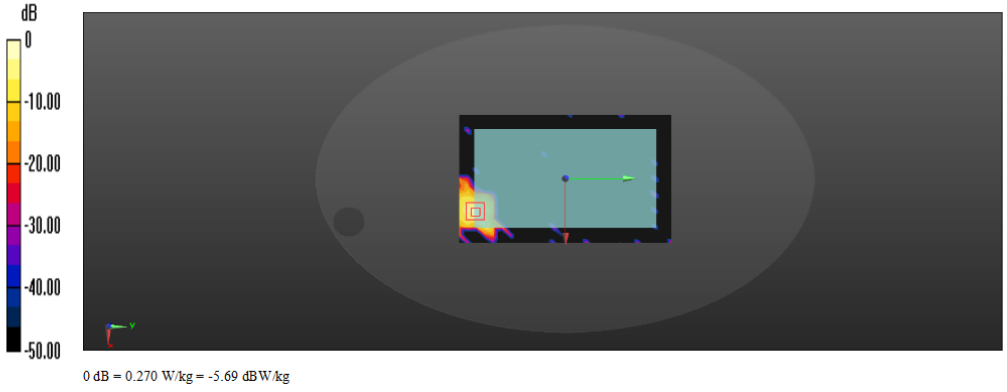
Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5825 MHz
Medium parameters used (interpolated): f = 5825 MHz; $\sigma$ = 6.22 S/m; $\varepsilon_r$ = 48.35; $\rho$ = 996 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(4.5, 4.5, 4.5); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 2/M2-802L/Area Scan (17x26x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.270 W/kg

**Test Position 2/M2-802L/Zoom Scan (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.623 W/kg
**SAR(1 g) = 0.118 W/kg; SAR(10 g) = 0.031 W/kg**
Maximum value of SAR (measured) = 0.353 W/kg



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**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L 802.11a Band 4 5825MHz CH 165 Test Position 4 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

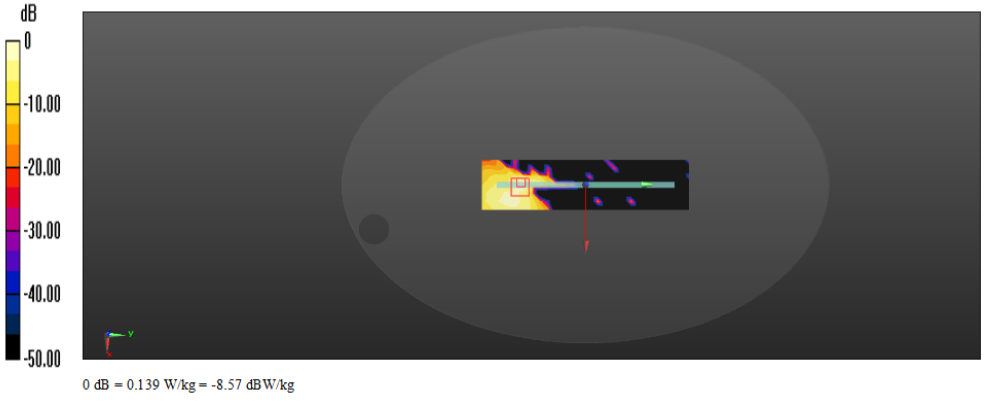
Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5825 MHz
Medium parameters used (interpolated): f = 5825 MHz; $\sigma$ = 6.22 S/m; $\varepsilon_r$ = 48.35; $\rho$ = 996 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(4.5, 4.5, 4.5); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 25.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 4/M2-802L/Area Scan (7x26x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.139 W/kg

**Test Position 4/M2-802L/Zoom Scan (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.445 W/kg
**SAR(1 g) = 0.079 W/kg; SAR(10 g) = 0.020 W/kg**
Maximum value of SAR (measured) = 0.265 W/kg



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**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L 802.11a Band 4 5825MHz CH 165 Test Position 5 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

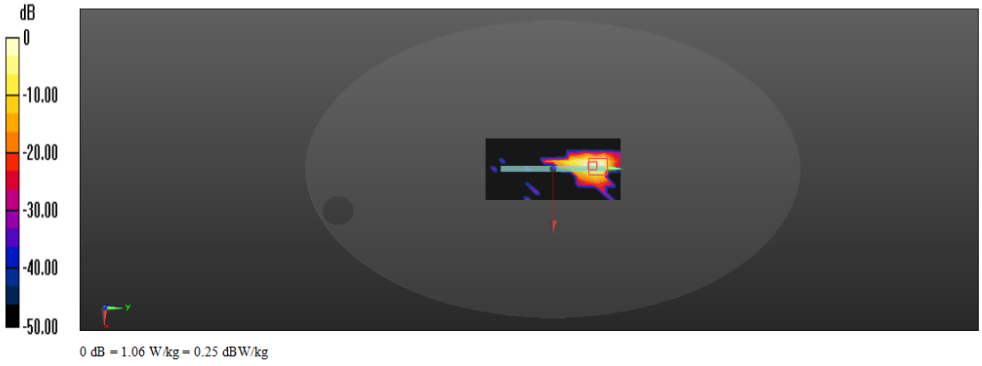
Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5825 MHz
Medium parameters used (interpolated): f = 5825 MHz; $\sigma$ = 6.22 S/m; $\varepsilon_r$ = 48.35; $\rho$ = 996 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(4.5, 4.5, 4.5); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 25.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 5/M2-802L/Area Scan (9x17x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.06 W/kg

**Test Position 5/M2-802L/Zoom Scan (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.865 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 6.47 W/kg
**SAR(1 g) = 0.829 W/kg; SAR(10 g) = 0.182 W/kg**
Maximum value of SAR (measured) = 2.82 W/kg



Date/Time: 05/10/2015 16:57:11

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L 802.11a Band 4 5825MHz CH 165 Test Position 5 distance=0mm Repeat**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

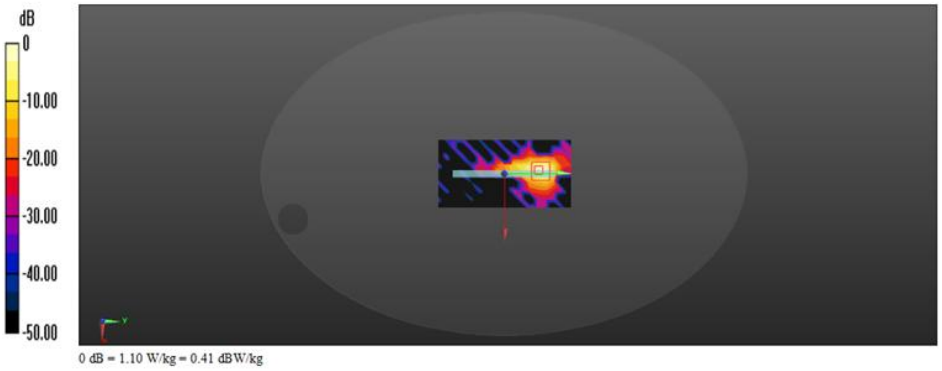
Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5765 MHz
Medium parameters used (interpolated): f = 5765 MHz; $\sigma$ = 6.171 S/m; $\varepsilon_r$ = 48.4; $\rho$ = 996 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(4.5, 4.5, 4.5); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 25.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 5/M2-802L/Area Scan (9x17x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.10 W/kg

**Test Position 5/M2-802L/Zoom Scan (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.056 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 6.52 W/kg
**SAR(1 g) = 0.822 W/kg; SAR(10 g) = 0.198 W/kg**
Maximum value of SAR (measured) = 2.54 W/kg



Date/Time: 05/10/2015 17:34:00

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L 802.11a Band 4 5745MHz CH 149 Test Position 5 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

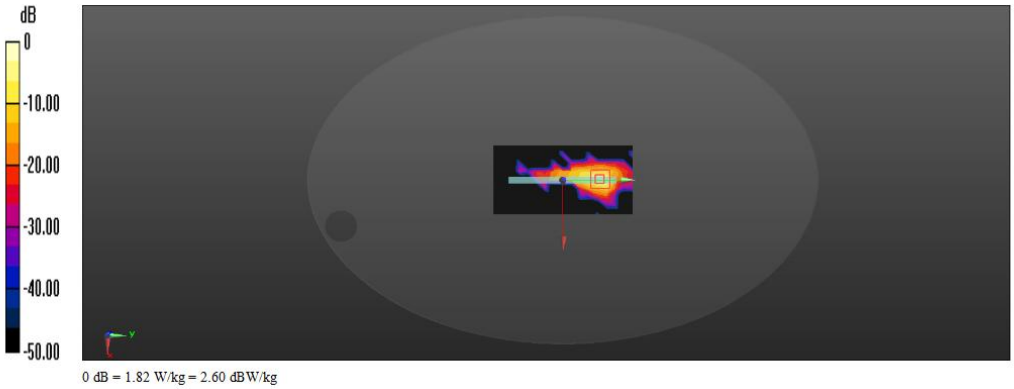
Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5745 MHz
Medium parameters used (interpolated): f = 5745 MHz; $\sigma$ = 6.143 S/m; $\varepsilon_r$ = 48.41; $\rho$ = 996 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(4.5, 4.5, 4.5); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 25.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 5/M2-802L/Area Scan (9x17x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.82 W/kg

**Test Position 5/M2-802L/Zoom Scan (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.969 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 6.15 W/kg
**SAR(1 g) = 0.831 W/kg; SAR(10 g) = 0.218 W/kg**
Maximum value of SAR (measured) = 2.73 W/kg



Date/Time: 05/10/2015 14:59:31

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L 802.11a Band 4 5765MHz CH 153 Test Position 5 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

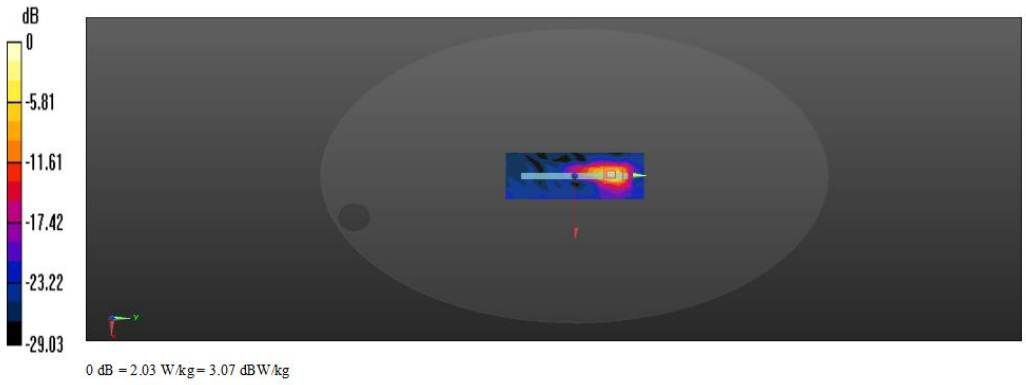
Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5765 MHz
Medium parameters used (interpolated): f = 5765 MHz; $\sigma$ = 6.171 S/m; $\varepsilon_r$ = 48.4; $\rho$ = 996 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(4.5, 4.5, 4.5); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 25.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 5/M2-802L/Area Scan (7x17x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 2.03 W/kg

**Test Position 5/M2-802L/Zoom Scan (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.931 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 6.52 W/kg
**SAR(1 g) = 0.908 W/kg; SAR(10 g) = 0.228 W/kg**
Maximum value of SAR (measured) = 2.92 W/kg



Date/Time: 05/10/2015 10:48:07

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L 802.11a Band 4 5785MHz CH 157 Test Position 5 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

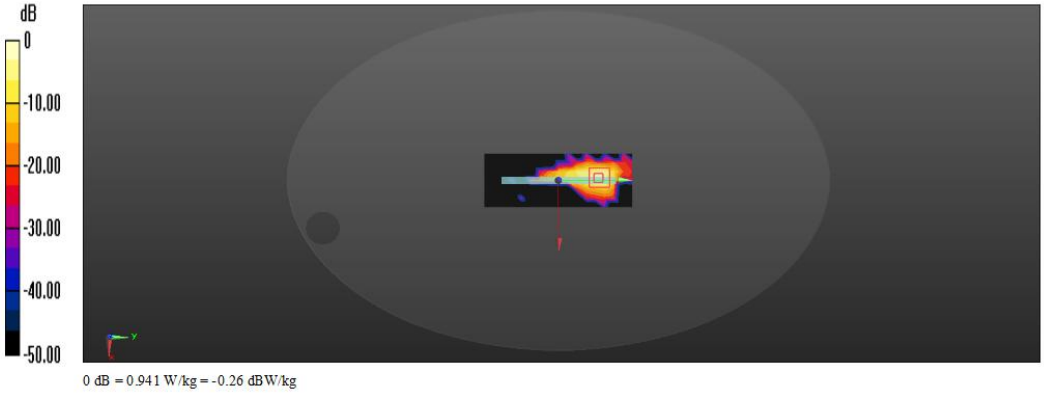
Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5785 MHz
Medium parameters used (interpolated): f = 5785 MHz; $\sigma$ = 6.199 S/m; $\varepsilon_r$ = 48.4; $\rho$ = 996 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(4.5, 4.5, 4.5); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 25.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 5/M2-802L/Area Scan (7x17x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.941 W/kg

**Test Position 5/M2-802L/Zoom Scan (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.524 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 3.73 W/kg
**SAR(1 g) = 0.563 W/kg; SAR(10 g) = 0.149 W/kg**
Maximum value of SAR (measured) = 1.65 W/kg



Date/Time: 05/10/2015 15:53:05

**Test Laboratory: BTL Inc.**

**Huawei MediaPad M2-802L 802.11a Band 4 5805MHz CH 161 Test Position 5 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

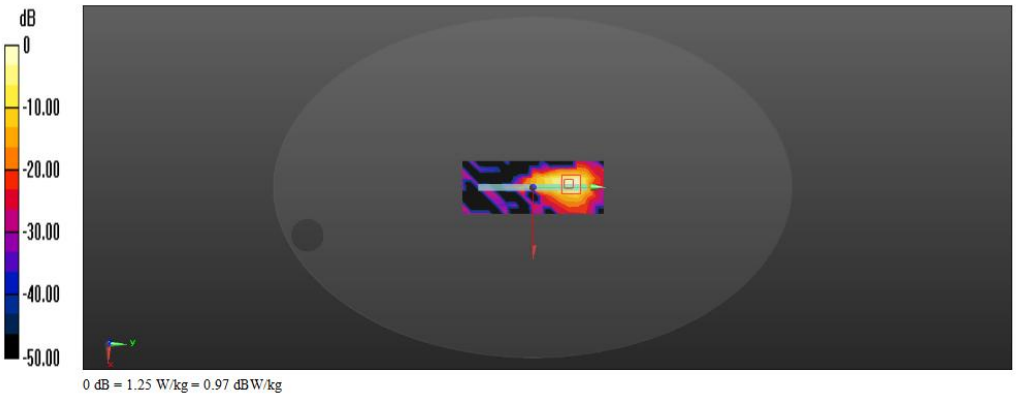
Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5805 MHz
Medium parameters used (interpolated): f = 5805 MHz; $\sigma$ = 6.22 S/m; $\varepsilon_r$ = 48.39; $\rho$ = 996 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(4.5, 4.5, 4.5); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 25.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 5/M2-802L/Area Scan (7x17x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.25 W/kg

**Test Position 5/M2-802L/Zoom Scan (8x8x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.781 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 6.72 W/kg
**SAR(1 g) = 0.885 W/kg; SAR(10 g) = 0.221 W/kg**
Maximum value of SAR (measured) = 2.71 W/kg



Date/Time: 05/07/2015 14:39:17

Test Laboratory: BTL Inc.

**Huawei MediaPad M2-802L 802.11AC80 Band 1 5210MHz CH 42 Test Position 5 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

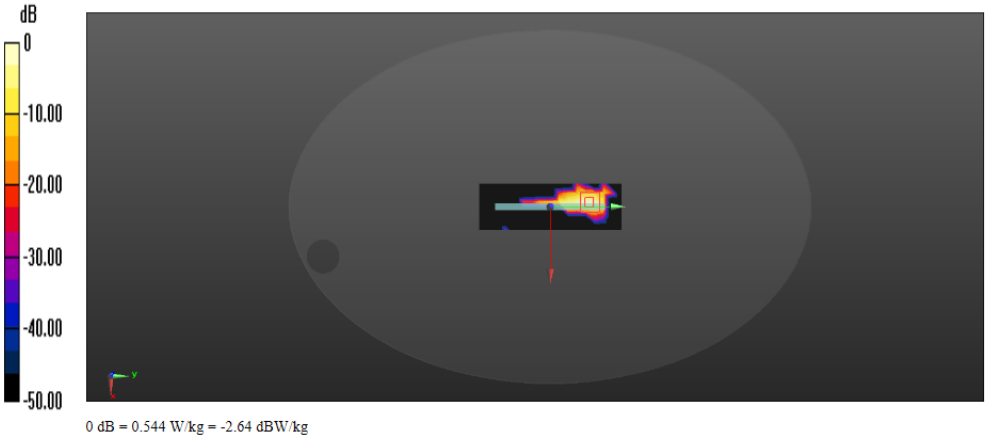
Communication System: UID 0, IEEE 802.11ac WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5210 MHz
Medium parameters used (interpolated): f = 5210 MHz; $\sigma$ = 5.41 S/m; $\varepsilon_r$ = 50.96; $\rho$ = 996 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(5.17, 5.17, 5.17); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 5/M2-802L/Area Scan (6x17x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.544 W/kg

**Test Position 5/M2-802L/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.563 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.41 W/kg
**SAR(1 g) = 0.252 W/kg; SAR(10 g) = 0.062 W/kg**
Maximum value of SAR (measured) = 0.784 W/kg



Date/Time: 05/08/2015 07:43:27

Test Laboratory: BTL Inc.

**Huawei MediaPad M2-802L 802.11AC80 Band 2 5290MHz CH 58 Test Position 5 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

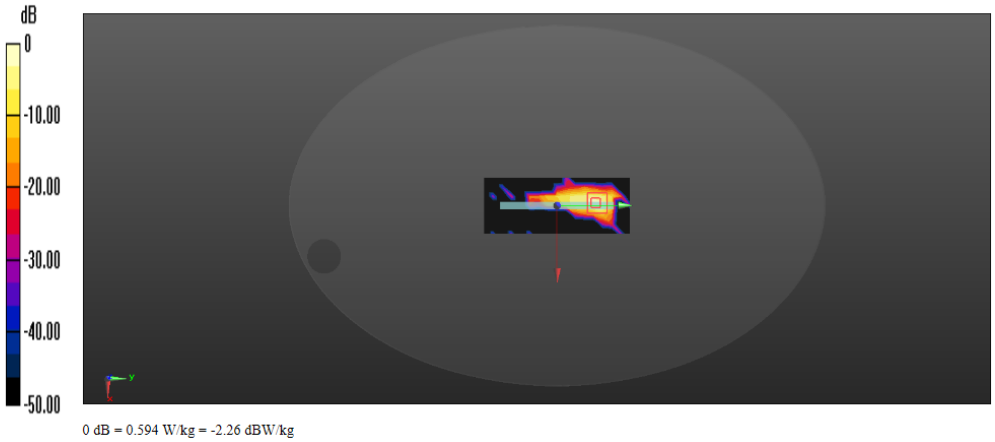
Communication System: UID 0, IEEE 802.11ac WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5290 MHz
Medium parameters used (interpolated): f = 5290 MHz; $\sigma$ = 5.538 S/m; $\varepsilon_r$ = 50.64; $\rho$ = 996 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(4.97, 4.97, 4.97); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 5/M2-802L/Area Scan (7x17x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.594 W/kg

**Test Position 5/M2-802L/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.085 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.91 W/kg
**SAR(1 g) = 0.338 W/kg; SAR(10 g) = 0.084 W/kg**
Maximum value of SAR (measured) = 1.02 W/kg



Date/Time: 05/09/2015 08:32:12

Test Laboratory: BTL Inc.

**Huawei MediaPad M2-802L 802.11AC80 Band 3 5610MHz CH 122 Test Position 5 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

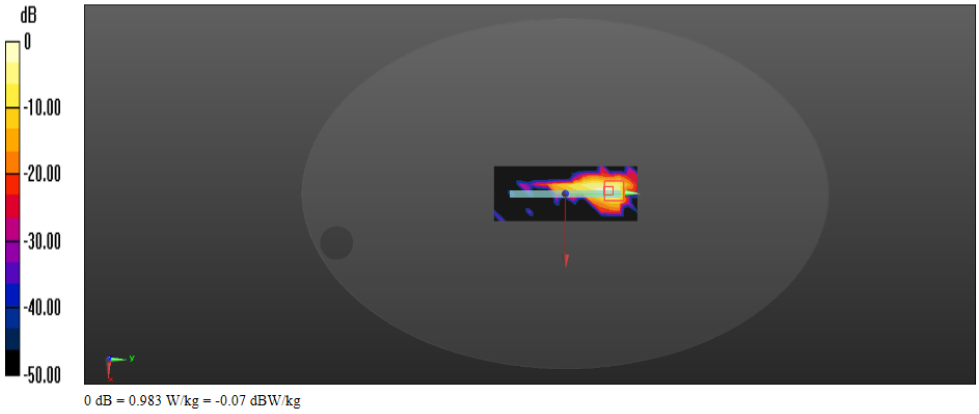
Communication System: UID 0, IEEE 802.11ac WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5610 MHz
Medium parameters used (interpolated): f = 5610 MHz; $\sigma$ = 6.034 S/m; $\varepsilon_r$ = 48.26; $\rho$ = 996 kg/m$^3$
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(4.47, 4.47, 4.47); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection), z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 5/M2-802L/Area Scan (7x17x1):** Measurement grid: dx=10mm, dy=10mm.
Maximum value of SAR (measured) = 0.983 W/kg

**Test Position 5/M2-802L/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.272 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 3.68 W/kg
**SAR(1 g) = 0.644 W/kg; SAR(10 g) = 0.149 W/kg**
Maximum value of SAR (measured) = 2.00 W/kg



0 dB = 0.983 W/kg = -0.07 dBW/kg

Date/Time: 05/10/2015 18:14:04

Test Laboratory: BTL Inc.

**Huawei MediaPad M2-802L 802.11AC80 Band 4 5775MHz CH 155 Test Position 5 distance=0mm**

**DUT: Media Pad; Type: M2-802L; Serial: NA**

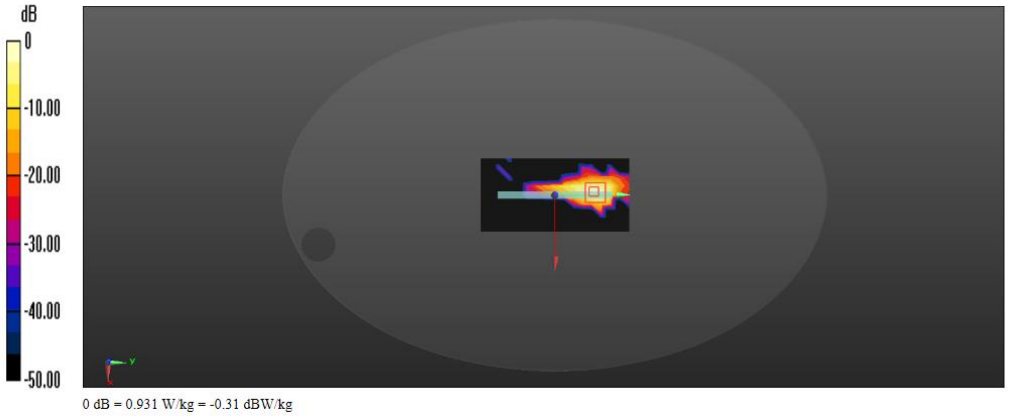
Communication System: UID 0, IEEE 802.11acWiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5775 MHz
Medium parameters used (interpolated): f = 5775 MHz; $\sigma$ = 6.185 S/m; $\varepsilon_r$ = 48.4; $\rho$ = 996 kg/m$^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3932; ConvF(4.5, 4.5, 4.5); Calibrated: 01/30/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection),z = 1.0, 23.0
- Electronics: DAE4 Sn1390; Calibrated: 09/15/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

**Test Position 5/M2-802L/Area Scan (9x17x1):** Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.931 W/kg

**Test Position 5/M2-802L/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.161 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 4.78 W/kg
**SAR(1 g) = 0.646 W/kg; SAR(10 g) = 0.170 W/kg**
Maximum value of SAR (measured) = 2.29 W/kg



0 dB = 0.931 W/kg = -0.31 dBW/kg

## 4. Calibration Certificate

**(Pls See Appendix A.)**