A Test Lab Techno Corp.

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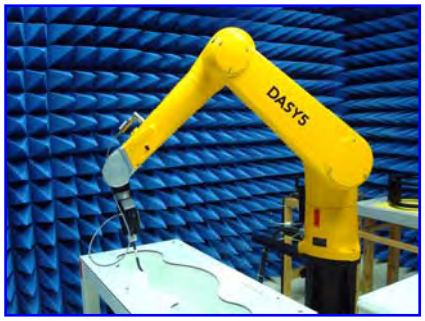
SAR EVALUATION REPORT

Test Report No.	:	1506FS11-02
Applicant	:	Netgear Inc.
Product Type	:	Mobile Hot Spot
Trade Name	:	NETGEAR
Model Number	:	AC791L
Date of Received	:	Apr. 20, 2015
Test Period	:	Apr. 23 ~ Jun. 19, 2015
Date of Issued	:	Jul. 06, 2015
Test Environment	:	Ambient Temperature： 22 ±2 ° C
		Relative Humidity：40 - 70 %
Standard	:	ANSI/IEEE C95.1-1999
		IEEE Std. 1528-2003
		IEEE Std. 1528a-2005
		47 CFR Part §2.1093;
		KDB 865664 D01 v01r03 / KDB 865664 D02 v01r01
		KDB447498 D01 v05r02 / KDB 941225 D01 v03
		KDB 941225 D05 v02r03 / KDB 941225 D06 v02
		KDB 248227 D01 v02r01
Test Lab Location	:	Chang-an Lab



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2. The test results are under chamber environment of A Test Lab Techno Corp. A Test Lab Techno Corp. does not assume responsibility for any conclusions and generalizations drawn from the test results with regard to other specimens or samples.
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Approved By : Bill Hu (Bill Hu)

Tested By : Sky Chou (Sky Chou)

Contents

1. Summary of Maximum Reported SAR Value

Equipment Class	Mode	Highest Reported Body standalone SAR1g (1.0 cm) (W/kg)
PCB	GPRS 850	1.235
	GPRS 1900	1.181
	WCDMA Band II	0.935
	WCDMA Band V	0.760
	CDMA 850	0.976
	CDMA 1900	1.043
	LTE Band 2	1.061
	LTE Band 4	1.239
	LTE Band 5	0.878
	LTE Band 7	1.066
	LTE Band 13	0.718
DTS	2.4G WLAN_Antenna1	0.044
	2.4G WLAN_Antenna2	0.033
U-NII	5G WLAN_Antenna1	0.119
	5G WLAN_Antenna2	0.253
Highest Simultaneous Transmission SAR		**Body SAR (W/kg)**
PCB+ U-NII (Ant1 + Ant2) at test position side1		1.580

Note: The SAR limit (Body: SAR1g 1.6 W/kg) for general population / uncontrolled exposure is specified in ANSI/IEEE C95.1-1991.

2. Description of Equipment under Test (EUT)

Applicant	Netgear Inc.	
Applicant Address	350 East Plumeria Drive, San Jose, CA 95134	
Manufacture	Netgear Inc.	
Manufacture Address	350 East Plumeria Drive, San Jose, CA 95134	
Product Type	Mobile Hot Spot	
Trade Name	NETGEAR	
Model Number	AC791L	
FCC ID	PY3AC791L	
RF Function	GPRS/EGPRS 850 GPRS/EGPRS 1900 WCDMA(RMC 12.2K) / HSDPA / HSUPA Band II WCDMA(RMC 12.2K) / HSDPA / HSUPA Band V CDMA /1xRTT/1xEV-DO 850 (BC0) CDMA /1xRTT/1xEV-DO 1900 (BC1) LTE Band 2 / Band 4 / Band 5 / Band 7 / Band 13 IEEE 802.11b / 802.11g / 802.11n (2.4GHz) 20MHz IEEE 802.11n (2.4GHz) 40MHz IEEE 802.11a IEEE 802.11n (5GHz) 20 MHz IEEE 802.11n (5GHz) 40 MHz IEEE 802.11ac (5GHz) 80 MHz	
Tx Frequency	Band	Operate Frequency (MHz)
	GPRS/EGPRS 850	824.2 - 848.8
	GPRS/EGPRS 1900	1850.2 - 1909.8
	WCDMA(RMC 12.2K) / HSDPA / HSUPA Band II	1852.4 - 1907.6
	WCDMA (RMC 12.2K) / HSDPA / HSUPA Band V	826.4 - 846.6
	CDMA /1xRTT/1xEV-DO 850 (BC0)	824.70 - 848.31
	CDMA /1xRTT/1xEV-DO 1900 (BC1)	1851.25 - 1908.75
	LTE Band 2 (BW 1.4, 3, 5, 10, 15, 20 MHz)	1850.0 - 1910.0
	LTE Band 4 (BW 1.4, 3, 5, 10, 15, 20 MHz)	1710.0 - 1754.9
	LTE Band 5 (BW 1.4, 3, 5, 10 MHz)	824.0 - 849.0
	LTE Band 7 (BW 5, 10, 15, 20 MHz)	2502.5 - 2567.5
	LTE Band 13 (BW 5, 10 MHz)	779.5 - 784.0.
	IEEE 802.11b / 802.11g / 802.11n (2.4GHz) 20MHz	2412 - 2462
	IEEE 802.11n (2.4GHz) 40MHz	2422 - 2452
	IEEE 802.11a U-NII Band I	5180 - 5240
	IEEE 802.11a U-NII Band III	5745 - 5825
	IEEE 802.11n (5GHz) 20 MHz U-NII Band I	5180 - 5220
	IEEE 802.11n (5GHz) 20 MHz U-NII Band III	5745 - 5825
	IEEE 802.11n (5GHz) 40 MHz U-NII Band I	5190 - 5230
	IEEE 802.11n (5GHz) 40 MHz U-NII Band III	5755 - 5795
	IEEE 802.11ac (5GHz) 80 MHz U-NII Band I	5210
	IEEE 802.11ac (5GHz) 80 MHz U-NII Band III	5775

RF Conducted Power	Band	Power	
		W	dBm
(Avg.)	GPRS/EGPRS 850	1.832	32.63
	GPRS/EGPRS 1900	1.005	30.02
	WCDMA(RMC 12.2K) / HSDPA / HSUPA Band II	0.223	23.49
	WCDMA (RMC 12.2K) / HSDPA / HSUPA Band V	0.250	23.98
	CDMA /1xRTT/1xEV-DO 850 (BC0)	0.305	24.85
	CDMA /1xRTT/1xEV-DO 1900 (BC1)	0.300	24.77
	LTE Band 2 (BW 1.4, 3, 5, 10, 15, 20 MHz)	0.243	23.86
	LTE Band 4 (BW 1.4, 3, 5, 10, 15, 20 MHz)	0.251	23.99
	LTE Band 5 (BW 1.4, 3, 5, 10 MHz)	0.231	23.64
	LTE Band 7 (BW 5, 10, 15, 20 MHz)	0.149	21.74
	LTE Band 13 (BW 5, 10 MHz)	0.203	23.07
	IEEE 802.11b	0.010	9.90
	IEEE 802.11g	0.009	9.70
	IEEE 802.11n (2.4GHz) 20MHz	0.012	10.75
	IEEE 802.11n (2.4GHz) 40MHz	0.013	10.97
	IEEE 802.11a U-NII Band I	0.007	8.25
	IEEE 802.11a U-NII Band III	0.005	6.59
	IEEE 802.11n (5GHz) 20 MHz U-NII Band I	0.013	11.07
	IEEE 802.11n (5GHz) 20 MHz U-NII Band III	0.008	9.27
	IEEE 802.11n (5GHz) 40 MHz U-NII Band I	0.012	10.72
	IEEE 802.11n (5GHz) 40 MHz U-NII Band III	0.009	9.39
	IEEE 802.11ac (5GHz) 80 MHz U-NII Band I	0.013	11.10
	IEEE 802.11ac (5GHz) 80 MHz U-NII Band III	0.008	9.11
Device Category	Portable Device		
Antenna Type	Internal IFA type		
RF Exposure Environment	General Population / Uncontrolled		
Battery Option	Standard		
	Trade Name: NETGEAR Model: W-9 Spec: DC 3.8V / 4340mAh		
Application Type	Certification		

Note:The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

3. Introduction

The A Test Lab Techno Corp. has performed measurements of the maximum potential exposure to the user of **Netgear Inc. Trade Name：NETGEAR Model(s)：AC791L**. The test procedures, as described in American National Standards, Institute C95.1-1999〔1〕were employed and they specify the maximum exposure limit of 1.6mW/g as averaged over any 1 gram of tissue for portable devices being used within 20cm between user and EUT in the uncontrolled environment. A description of the product and operating configuration, detailed summary of the test results, methodology and procedures used in the equipment used are included within this test report.

3.1 SAR Definition

Specific Absorption Rate (SAR) is defined as the time derivative (rate) of the incremental energy (dw) absorbed by (dissipated in) an incremental mass (dm) contained in a volume element (dv) of a given density (ρ). It is also defined as the rate of RF energy absorption per unit mass at a point in an absorbing body (see Figure 2).

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

Figure 2. **SAR Mathematical Equation**

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

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

Where：

σ = conductivity of the tissue (S/m)

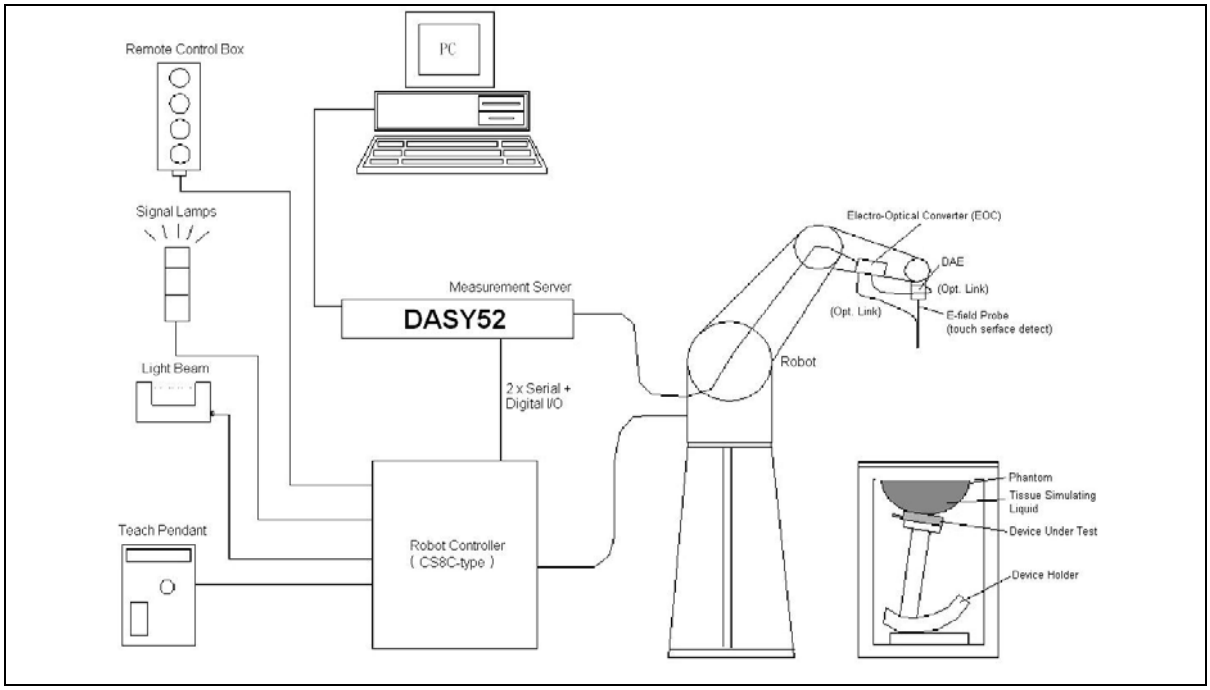
ρ = mass density of the tissue (kg/m3)

E = RMS electric field strength (V/m)

＊Note：

The primary factors that control rate of energy absorption were found to be the wavelength of the incident field in relations to the dimensions and geometry of the irradiated organism, the orientation of the organism in relation to the polarity of field vectors, the presence of reflecting surfaces, and whether conductive contact is made by the organism with a ground plane〔2〕

4. SAR Measurement Setup



The DASY52 system for performing compliance tests consists of the following items:

1. A standard high precision 6-axis robot (Stäubli TX family) with controller, teach pendant 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 electronics (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. The function of the measurement server is to perform the time critical tasks such as signal filtering, control of the robot operation and fast movement interrupts.
5. A probe alignment unit which improves the (absolute) accuracy of the probe positioning.
6. A computer operating Windows 2000 or Windows XP.
7. DASY52 software.
8. Remote controls with teach pendant and additional circuitry for robot safety such as warning lamps, etc.
9. The SAM twin phantom enabling testing 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. Validation dipole kits allowing validating the proper functioning of the system.

4.1 DASY E-Field Probe System

The SAR measurements were conducted with the dosimetric probe (manufactured by SPEAG), designed in the classical triangular configuration [3] and optimized for dosimetric evaluation. The probes is constructed using the thick film technique; with printed resistive lines on ceramic substrates. The probe is equipped with an optical multi-fiber line ending at the front of the probe tip. It is connected to the EOC box on the robot arm and provides an automatic detection of the phantom surface. Half of the fibers are connected to a pulsed infrared transmitter, the other half to a synchronized receiver. As the probe approaches the surface, the reflection from the surface produces a coupling from the transmitting to the receiving fibers. This reflection increases first during the approach, reaches maximum and then decreases. If the probe is flatly touching the surface, the coupling is zero. The distance of the coupling maximum to the surface is independent of the surface reflectivity and largely independent of the surface to probe angle. The DASY software reads the reflection during a software approach and looks for the maximum using a 2nd order fitting. The approach is stopped when reaching the maximum.

4.1.1 E-Field Probe Specification

Construction	Symmetrical design with triangular core
	Built-in shielding against static charges
	PEEK enclosure material (resistant to organic solvents, e.g., DGBE)
Calibration	ISO/IEC 17025 calibration service available
Frequency	10 MHz to > 6 GHz
	Linearity: ± 0.2 dB (30 MHz to 6 GHz)
Directivity	±0.3 dB in brain tissue (rotation around probe axis)
	±0.5 dB in brain tissue (rotation normal probe axis)
Dimensions	Overall length: 337 mm (Tip: 20 mm)
	Tip diameter: 2.5 mm (Body: 12 mm)
	Typical distance from probe tip to dipole centers: 1 mm

Figure 3. E-field Probe

Figure 4. Probe setup on robot

4.1.2 E-Field Probe Calibration process

Dosimetric Assessment Procedure

Each E-Probe/Probe Amplifier combination has unique calibration parameters. A TEM cell calibration procedure is conducted to determine the proper amplifier settings to enter in the probe parameters. The amplifier settings are determined for a given frequency by subjecting the probe to a known E-field density (1 mW/cm^2) using an RF Signal generator, TEM cell, and RF Power Meter.

Free Space Assessment

The free space E-field from amplified probe outputs is determined in a test chamber. This calibration can be performed in a TEM cell if the frequency is below 1 GHz and in a waveguide or other methodologies 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 rotated 360 degrees until the three channels show the maximum reading. The power density readings equates to 1 mW/cm^2.

Temperature Assessment

E-field temperature correlation calibration is performed in a flat phantom filled with the appropriate simulated head tissue. The E-field in the medium correlates with the temperature rise in the 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：

Δt = Exposure time (30 seconds),

C = Heat capacity of tissue (head or body),

ΔT = Temperature increase due to RF exposure.

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

Where：

σ = Simulated tissue conductivity,

ρ = Tissue density (kg/m^3).

4.2 Data Acquisition Electronic (DAE) System

Model：	DAE3, DAE4
Construction：	Signal amplifier, multiplexer, A/D converter and control logic. Serial optical link for communication with DASY4/5 embedded system (fully remote controlled). Two step probe touch detector for mechanical surface detection and emergency robot stop.
Measurement Range：	-100 to +300 mV (16 bit resolution and two range settings: 4mV, 400mV)
Input Offset Voltage：	< 5μV (with auto zero)
Input Bias Current：	< 50 fA
Dimensions：	60 x 60 x 68 mm

4.3 Robot

Positioner：	Stäubli Unimation Corp. Robot Model: TX90XL
Repeatability：	±0.02 mm
No. of Axis：	6

4.4 Measurement Server

Processor：	PC/104 with a 400MHz intel ULV Celeron
I/O-board：	Link to DAE4 (or DAE3) 16-bit A/D converter for surface detection system Digital I/O interface Serial link to robot Direct emergency stop output for robot

4.5 Device Holder

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

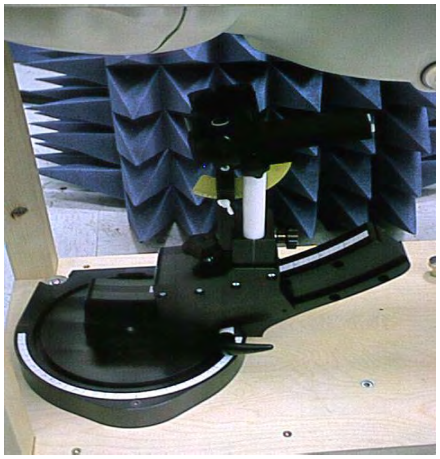


Figure 5. Device Holder

4.6 Oval Flat Phantom - ELI 5.0

The shell corresponds to the specifications of the Specific Anthropomorphic Mannequin (Oval Flat) phantom defined in IEEE 1528-2003, IEEE Std. 1528a-2005, CENELEC 50361 and IEC 62209. It enables the dosimetric evaluation of wireless portable device usage as well as body mounted usage at the flat phantom region. A cover prevents evaporation of the liquid. Reference markings on the phantom allow the complete setup of all predefined phantom positions and measurement grids by manually teaching three points with the robot.

Shell Thickness	2 ±0.2 mm
Filling Volume	Approx. 30 liters
Dimensions	190×600×400 mm (H×L×W)

Table 1. Specification of ELI 5.0

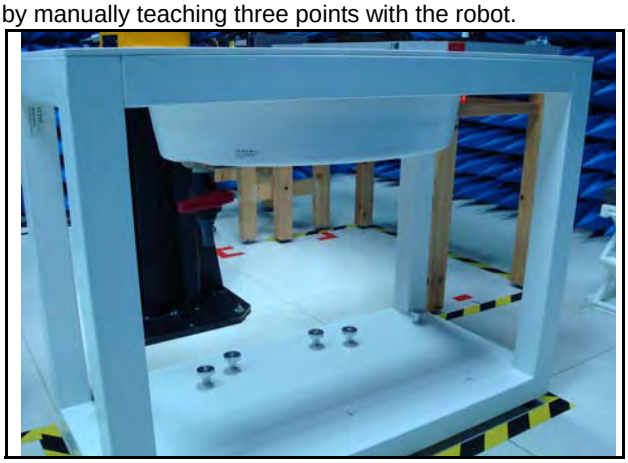


Figure 6. Oval Flat Phantom

4.7 Data Storage and Evaluation

4.7.1 Data Storage

The DASY software stores the assessed data from the data acquisition electronics as raw data (in microvolt readings from the probe sensors), together with all the necessary software parameters for the data evaluation (probe calibration data, liquid parameters and device frequency and modulation data) in measurement files with the extension DA4 or DA5. The post processing 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 erroneous parameter settings. For example, if a measurement has been performed with an incorrect crest factor parameter in the device setup, the parameter can be corrected afterwards and the data can be reevaluated.

4.7.2 Data Evaluation

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

Probe parameters： - Sensitivity *Normi, ai0, ai1, ai2*
- Conversion factor *ConvFi*
- Diode compression point *dcpi*

Device parameters： - Frequency *f*
- Crest factor *cf*

Media parameters： - Conductivity *σ*
- Density *ρ*

These parameters must be set correctly in the software. They can be found in the component documents or they can be imported into the software from the configuration files issued for the DASY components. In the direct measuring mode of the multimeter option, the parameters of the actual system setup are used. In the scan visualization and export modes, the parameters stored in the corresponding document files are used.
The first step of the evaluation is a linearization of the filtered input signal to account for the compression characteristics of the detector diode. The compensation depends on the input signal, the diode type and the DC-transmission factor from the diode to the evaluation electronics. If the exciting field is pulsed, the crest factor of the signal must be known to correctly compensate for peak power. The formula for each channel can be given as：

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

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

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

E-field probes： $$E_i = \sqrt{\frac{V_i}{Norm_i \cdot ConvF}}$$

H-field probes：

$$H_i = \sqrt{V_i} \cdot \frac{a_{i0} + a_{i1} f + a_{i2} f^2}{f}$$

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

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

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

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

$$SAR = E_{tot}^2 \cdot \frac{\sigma}{\rho \cdot 1000}$$

with *SAR* = local specific absorption rate in mW/g
Etot = total field strength in V/m
σ = conductivity in [mho/m] or [Siemens/m]
ρ = equivalent tissue density in g/cm3

＊Note：That the density is set to 1, to account for actual head tissue density rather than the density of the tissue simulating liquid.

The power flow density is calculated assuming the excitation field to be a free space field.

$$P_{pwe} = \frac{E_{tot}^2}{3770} \quad \textit{or} \quad P_{pwe} = \frac{H_{tot}^2}{37.7}$$

with *Ppwe* = equivalent power density of a plane wave in mW/cm2
Etot = total electric field strength in V/m
Htot = total magnetic field strength in A/m

5. Tissue Simulating Liquids

The mixture is calibrated to obtain proper dielectric constant (permittivity) and conductivity of the tissue.
The dielectric parameters of the liquids were verified prior to the SAR evaluation using an 85070C Dielectric Probe Kit and an E5071B Network Analyzer.

IEEE SCC-34/SC-2 in 1528 recommended Tissue Dielectric Parameters

The head tissue dielectric parameters recommended by the IEEE SCC-34/SC-2 in 1528 have been incorporated in the following table. These head parameters are derived from planar layer models simulating the highest expected SAR for the dielectric properties and tissue thickness variations in human head. Other head and body tissue parameters that have not been specified in 1528 are derived from the tissue dielectric parameters computed from the 4-Cole-Cole equation and extrapolated according to the head parameter specified in 1528.

Target Frequency	Head		Body	
(MHz)	εr	σ (S/m)	εr	σ (S/m)
150	52.3	0.76	61.9	0.80
300	45.3	0.87	58.2	0.92
450	43.5	0.87	56.7	0.94
835	41.5	0.90	55.2	0.97
900	41.5	0.97	55.0	1.05
915	41.5	0.98	55.0	1.06
1450	40.5	1.20	54.0	1.30
1610	40.3	1.29	53.8	1.40
1800 - 2000	40.0	1.40	53.3	1.52
2450	39.2	1.80	52.7	1.95
3000	38.5	2.40	52.0	2.73
5800	35.3	5.27	48.2	6.00
(εr = relative permittivity, σ = conductivity and ρ = 1000 kg/m3)				

Table 2. Tissue dielectric parameters for head and body phantoms

5.1 Ingredients

The following ingredients are used:

- Water: deionized water (pure H_20), resistivity ≥ 16 M Ω -as basis for the liquid
- Sugar: refied white sugar (typically 99.7 % sucrose, available as crystal sugar in food shops) -to reduce relative permittivity
- Salt: pure NaCl -to increase conductivity
- Cellulose: Hydroxyethyl-cellulose, medium viscosity (75-125 mPa.s, 2% in water, 20°C), CAS # 54290 -to increase viscosity and to keep sugar in solution.
- Preservative: Preventol D-7 Bayer AG, D-51368 Leverkusen, CAS # 55965-84-9 -to prevent the spread of bacteria and molds
- DGBE: Diethylenglycol-monobuthyl ether (DGBE), Fluka Chemie GmbH, CAS # 112-34-5 -to reduce relative permittivity

5.2 Recipes

The following tables give the recipes for tissue simulating liquids to be used in different frequency bands.
Note: The goal dielectric parameters (at 22 ℃) must be achieved within a tolerance of ±5% for εand ±5% for σ.

Ingredients (% by weight)	Frequency (MHz)												Frequency (GHz)	
	750		835		1750		1900		2450		2600		5GHz	
Tissue Type	Head	Body	Head	Body	Head	Body	Head	Body	Head	Body	Head	Body	Head	Body
Water	39.28	51.30	41.45	52.40	54.50	40.20	54.90	40.40	62.70	73.20	60.30	71.40	65.5	78.6
Salt (NaCl)	1.47	1.42	1.45	1.50	0.17	0.49	0.18	0.50	0.50	0.10	0.60	0.20	0.00	0.00
Sugar	58.15	46.18	56.00	45.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HEC	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bactericide	0.10	0.10	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Triton X-100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.2	10.7
DGBE	0.00	0.00	0.00	0.00	45.33	59.31	44.92	59.10	36.80	26.70	39.10	28.40	0.00	0.00
Dielectric Constant	41.88	54.60	42.54	56.10	40.10	53.60	39.90	54.00	39.80	52.50	39.80	52.50	0.00	0.00
Conductivity (S/m)	0.90	0.97	0.91	0.95	1.39	1.49	1.42	1.45	1.88	1.78	1.88	1.78	0.00	0.00
Diethylene Glycol Mono-hexlether	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.3	10.7

Salt: 99+% Pure Sodium Chloride Sugar: 98+% Pure Sucrose
Water: De-ionized, 16 MΩ+ 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

5.3 Liquid Depth

According to KDB865664 ,the depth of tissue-equivalent liquid in a phantom must be ≥ 15.0 cm with ≤ ± 0.5 cm variation for SAR measurements ≤ 3 GHz and ≥ 10.0 cm with ≤ ± 0.5 cm variation for measurements > 3 GHz.

Figure 7. Body-Position

6. SAR Testing with RF Transmitters

6.1 SAR Testing with GSM/GPRS/EGPRS Transmitters

Configure the basestation to support GMSK and 8PSK call respectively, and set timeslot transmission for GMSK GSM/GPRS and 8PSK EDGE. Measure and record power outputs for both modulations, that test is applicable.

6.2 SAR Testing with WCDMA Transmitters

The following tests were completed according to the test requirements outlined in section 5.2 of the 3GPP TS34.121-1 specification. The DUT supports power Class 3, which has a nominal maximum output power of 24 dBm (+1.7/-3.7)

- Step 1: set a Test Mode 1 loop back with a 12.2kbps Reference Measurement Channel (RMC).
- Step 2: set and send continuously up power control commands to the device.
- Step 3: measure the power at the device antenna connector using the power meter with average detector and test SAR

6.3 SAR Testing with HSDPA Transmitters

HSDPA Date Devices setup for SAR Measurement

HSDPA should be configured according to the UE category of a test device. The number of HS-DSCH/HS-PDSCHs, HARQ 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 conditions, QPSK is used in the H-set for SAR testing. HS-DPCCH should be configured with a CQI feedback cycle of 4 ms with a CQI repetition factor of 2 to maintain a constant rate of active CQI slots. DPCCH and DPDCH gain factors(βc, βd), and HS-DPCCH power offset parameters (ΔACK, ΔNACK, ΔCQI) should be set according to values indicated in the Table below. The CQI value is determined by the UE category, transport block size, number of HS-PDSCHs and modulation used in the H-set.

Setup for Release 5 HSDPA							
Sub-test	βc	βd	βd (SF)	βc/βd	βhs(1,2)	CM(3) (dB)	MRP(3) (dB)
1	2/15	15/15	64	2/15	4/15	0.0	0.0
2	12/15(4)	15/15(4)	64	12/15(4)	24/15	1.0	0.0
3	15/15	8/15	64	15/8	30/15	1.5	0.5
4	15/15	4/15	64	15/4	30/15	1.5	0.5

Note

1. Δ_{ACK}, Δ_{NACK} and Δ_{CQI} = 8 ⇔ Ahs = βhs/βc = 30/15 ⇔ βhs= 30/15 *βc
2. For theHS-DPCCH power mask requirement test in clause 5.2C, 5.7A, and the Error Vector Magnitude(EVM) with HS-DPCCH test in clause 5.13.1A and HSDPA EVM with phase discontinuity in clause 5.13.1AA, Δ_{ACK} and Δ_{NACK} = 30/15 with βhs = 30/15 *βc and Δ_{CQI} = 24/15 with βhs = 24/15*βc
3. CM = 1 for βc/βd =12/15, βhs/βc=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.
4. For subtest 2 the βc/βd ratio of 12/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signaled gain factors for the reference TFC (TF1, TF1) to βc = 11/15 and βd = 15/15.

HSPA Date Devices setup for SAR Measurement.

The following procedures are applicable to HSPA (HSUPA/HSDPA) data devices operating under 3GPP Release 6. Body exposure conditions generally apply to these devices, including handsets and data modems operating in various electronic devices. HSUPA operates in conjunction with WCDMA and HSDPA. SAR is initially measured in WCDMA test configurations without HSPA. The default test configuration is to establish a radio link between the DUT and a communication test set to configure a 12.2 kbps RMC (reference measurement channel) in Test Loop Mode 1. SAR for HSPA is selectively measured with HS-DPCCH, EDPCCH and E-DPDCH, all enabled, along with a 12.2 kbps RMC using the highest SAR configuration in WCDMA with 12.2 kbps RMC only. An FRC is configured according to HSDPCCH Sub-test 1 using H-set 1 and QPSK. HSPA is configured according to E-DCH Subtest 5 requirements. SAR for other HSPA sub-test configurations is also confirmed selectively according to output power, exposure conditions and E-DCH UE Category. Maximum output power is verified according to procedures in applicable versions of 3GPP TS 34.121 and SAR must be measured according to these maximum output conditions. The UE Categories for HSDPCCH and HSPA should be clearly identified in the SAR report. The following procedures are applicable only if Maximum Power Reduction (MPR) is implemented according to Cubic Metric (CM) requirements.

When voice transmission and head exposure conditions are applicable to a WCDMA/HSPA data device, head exposure is measured according to the 'Head SAR Measurements' procedures in the 'WCDMA Handsets' section of this document. SAR for body exposure configurations are measured according to the 'Body SAR Measurements' procedures in the 'WCDMA Handsets' section of this document. In addition, body SAR is also measured for HSPA when the maximum average output of each RF channel with HSPA active is at least ¼ dB higher than that measured without HSPA using 12.2 kbps RMC or the maximum SAR for 12.2 kbps RMC is above 75% of the SAR limit. Body SAR for HSPA is measured with E-DCH Sub-test 5, using H-Set 1 and QPSK for FRC and a 12.2 kbps RMC configured in Test Loop Mode 1 with power control algorithm 2, according to the highest body SAR configuration in 12.2 kbps RMC without HSPA. When VOIP is applicable for head exposure, SAR is not required when the maximum output of each RF channel with HSPA is less than ¼ dB higher than that measured using 12.2 kbps RMC; otherwise, the same HSPA configuration used for body measurements should be used to test for head exposure.

Due to inner loop power control requirements in HSPA, 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 HSPA should be configured according to the β values indicated below as well as other applicable procedures described in the 'WCDMA Handset' and 'Release 5 HSDPA Data Devices' sections of this document.

The highest body SAR measured in Antenna Extended & Retracted configurations on a channel in 12.2 kbps RMC. The possible channels are the High, Middle & Low channel. Contact the FCC Laboratory for test and approval requirements if the maximum output power measured in E-DCH Sub-test 2 - 4 is higher than Sub-test 5.

Setup for Release 6 HSPA / Release 7 HSPA+													
Sub-test	βc	βd	βd (SF)	βc/βd	βhs(1)	βec	βed	Bed (SF)	Bed (codes)	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	βed1: 47/15 βed2: 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. Δ_{ACK}, Δ_{NACK} and Δ_{CQI} = 8 ⇔ Ahs = βhs/βc = 30/15 ⇔ βhs= 30/15 *βc.
2. CM = 1 for βc/βd =12/15, βhs/βc=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.
3. For subtest 1 the βc/βd ratio of 11/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signaled gain factors for the reference TFC (TF1, TF1) to βc = 10/15 and βd = 15/15.
4. For subtest 5 the βc/βd ratio of 15/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signaled gain factors for the reference TFC (TF1, TF1) to βc = 14/15 and βd = 15/15.
5. Testing UE using E-DPDCH Physical Layer category 1 Sub-test 3 is not required according to TS 25.306 Table 5.1g.
6. βed can not be set directly; it is set by Absolute Grant Value.

6.4 SAR Testing with CDMA2000 Transmitters

The following procedures were performed according to FCC “3G SAR Procedures” v03, October 2014.

Output Power Verification

See 3GPP2 C.S0011/TIA-98-E as recommended by “3G SAR Procedures” v03, October 2014. Maximum output power is verified on the High, Middle and Low channels according to procedures in section 4.4.5.2 of 3GPP2 C.S0011/TIA-98-E. SO55 tests were measured with power control bits in the “All Up” condition.

1. If the mobile station (MS) supports Reverse TCH RC 1 and Forward TCH RC 1, set up a call using Fundamental Channel Test Mode 1 (RC=1/1) with 9600 bps data rate only.
2. Under RC1, C.S0011 Table 4.4.5.2-1, Table 6. parameters were applied.
3. If the MS supports the RC 3 Reverse FCH, RC3 Reverse SCH0 and demodulation of RC 3,4, or 5, set up a call using Supplemental Channel Test Mode 3 (RC 3/3) with 9600 bps Fundamental Channel and 9600 bps SCH0 data rate.
4. Under RC3, C.S0011 Table 4.4.5.2-2, Table 7 was applied.
5. FCHs were configured at full rate for maximum SAR with “All Up” power control bits.

Parameter	Units	Value
$\frac{I_{or}}{}$	dBm/1.23MHz	-104
$\frac{Pilot\ E_c}{I_{or}}$	dB	-7
$\frac{Traffic\ E_c}{I_{or}}$	dB	-7.4

Table 3. Parameters for Max. Power for RC1

Parameter	Units	Value
$\frac{I_{or}}{}$	dBm/1.23MHz	-86
$\frac{Pilot\ E_c}{I_{or}}$	dB	-7
$\frac{Traffic\ E_c}{I_{or}}$	dB	-7.4

Table 4. Parameters for Max. Power for RC3

Body SAR Measurements

SAR for body exposure configurations is measured in RC3 with the DUT configured to transmit at full rate on FCH with all other code channels disabled using TDSO / SO32. SAR for multiple code channels (FCH + SCHn) is not required when the maximum average output of each RF channel is less than ¼ dB higher than that measured with FCH only. Otherwise, SAR is measured on the maximum output channel (FCH + SCHn) with FCH at full rate and SCH0 enabled at 9600 bps using the exposure configuration that results in the highest SAR for that channel with FCH only. When multiple code channels are enabled, the DUT output may shift by more than 0.5 dB and lead to higher SAR drifts and SCH dropouts. Body SAR was measured using TDSO / SO32 with power control bits in the “All Up”

Body SAR in RC1 is not required when the maximum average output of each channel is less than ¼ dB higher than that measured in RC3. Otherwise, SAR is measured on the maximum output channel in RC1; with Loopback Service Option SO55, at full rate, using the body exposure configuration that results in the highest SAR for that channel in RC3.

1xEVDO

SAR is measured using FTAP/RTAP and FETAP/RETAP respectively for Rev. 0 and Rev. A devices. The AT is tested with a Reverse Data Channel rate of 153.6 kbps in Subtype 0/1 Physical Layer configurations; and a Reverse Data Channel payload size of 4096 bits and Termination Target of 16 slots in Subtype 2 Physical Layer configurations. Both FTAP and FETAP are configured with a Forward Traffic Channel data rate corresponding to the 2-slot version of 307.2 kbps with the ACK Channel transmitting in all slots. AT power control should be in “All Bits Up” conditions for TAP/ETAP.

6.5 SAR Testing with LTE-FDD Transmitters

All SAR measurements for LTE were performed using the Anritsu MT8820C. A closed loop power control setting allowed the UE to transmit at the maximum output power during the SAR measurements.Configure the basestation to support LTE tests in respect to the 3GPP 36.521-1,and set ch , RB allocation number ,RB allocation offset , and send continuously Up power control commands to the device.

MPR was enabled for this device. A-MPR was disabled for all SAR test measurements.

6.6 LTE Frequency range and channel bandwidth

Channel bandwidth support:

Band	BW (MHz)					
	1.4	3	5	10	15	20
LTE Band 2	V	V	V	V	V	V
LTE Band 4	V	V	V	V	V	V
LTE Band 5	V	V	V	V		
LTE Band 7			V	V	V	V
LTE Band 13			V	V		

LTE Band	Bandwidth (MHz)	Test requency ID	N_{UL}	Frequency of Uplink (MHz)
LTE Band 2	1.4	Low Range	18607	1850.7
	1.4	Mid Range	18900	1880.0
	1.4	High Range	19193	1909.3
	3	Low Range	18615	1851.5
	3	Mid Range	18900	1880.0
	3	High Range	19185	1908.5
	5	Low Range	18625	1852.5
	5	Mid Range	18900	1880.0
	5	High Range	19175	1907.5
	10	Low Range	18650	1855.0
	10	Mid Range	18900	1880.0
	10	High Range	19150	1905.0
	15	Low Range	18675	1857.5
	15	Mid Range	18900	1880.0
	15	High Range	19125	1902.5
	20	Low Range	18700	1860.0
	20	Mid Range	18900	1880.0
	20	High Range	19100	1900.0

LTE Band	Bandwidth (MHz)	Test requency ID	N_{UL}	Frequency of Uplink (MHz)
LTE Band 4	1.4	Low Range	19957	1710.7
	1.4	Mid Range	20175	1732.5
	1.4	High Range	20393	1754.3
	3	Low Range	19965	1711.5
	3	Mid Range	20175	1732.5
	3	High Range	20385	1753.5
	5	Low Range	19975	1712.5
	5	Mid Range	20175	1732.5
	5	High Range	20375	1752.5
	10	Low Range	20000	1715.0
	10	Mid Range	20175	1732.5
	10	High Range	20350	1750.0
	15	Low Range	20025	1717.5
	15	Mid Range	20175	1732.5
	15	High Range	20325	1747.5
	20	Low Range	20050	1720.0
	20	Mid Range	20175	1732.5
	20	High Range	20300	1745.0
LTE Band 5	1.4	Low Range	20407	824.7
	1.4	Mid Range	20525	836.5
	1.4	High Range	20643	848.3
	3	Low Range	20415	825.5
	3	Mid Range	20525	836.5
	3	High Range	20635	847.5
	5	Low Range	20425	826.5
	5	Mid Range	20525	836.5
	5	High Range	20625	846.5
	10	Low Range	20450	829.0
	10	Mid Range	20525	836.5
	10	High Range	20600	844.0

LTE Band	Bandwidth (MHz)	Test requency ID	N_{UL}	Frequency of Uplink (MHz)
LTE Band 7	5	Low Range	20775	2502.5
	5	Mid Range	21100	2535.0
	5	High Range	21425	2567.5
	10	Low Range	20800	2505.0
	10	Mid Range	21100	2535.0
	10	High Range	21400	2565.0
	15	Low Range	20825	2507.5
	15	Mid Range	21100	2535.0
	15	High Range	21375	2562.5
	20	Low Range	20850	2510.0
	20	Mid Range	21100	2535.0
	20	High Range	21350	2560.0
LTE Band 13	5	Low Range	23205	779.5
	5	Mid Range	23230	782.0
	5	High Range	23255	784.5
	10	Mid Range	23230	782.0

6.6.1 Maximum power reduction (MPR)

Identify the LTE voice/data requirements in each operating mode and exposure condition with respect to head and body test configurations, antenna locations, handset flip-cover or slide positions, antenna diversity conditions etc.

The voice and data transmission:

- Data only device.

Identify if Maximum Power Reduction (MPR) is optional or mandatory, i.e. built-in by design:

- Maximum Power Reduction (MPR) is mandatory, i.e. built-in by design.
- A-MPR (additional MPR) must be disabled
- A-MPR was disabled during testing.

Maximum Power Reduction (MPR) for Power Class 3							
Channel bandwidth / Transmission bandwidth configuration (RB)							
Modulation	1.4 MHz	3 MHz	5 MHz	10 MHz	15 MHz	20MHz	MPR (dB)
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

6.7 Power reduction

No power reduction issue.

6.8 SAR Testing with 802.11 Transmitters

SAR test reduction for 802.11 Wi-Fi transmission mode configurations are considered separately for DSSS and OFDM. An initial test position is determined to reduce the number of tests required for certain exposure configurations with multiple test positions. An initial test configuration is determined for each frequency band and aggregated band according to maximum output power, channel bandwidth, wireless mode configurations and other operating parameters to streamline the measurement requirements. For 2.4 GHz DSSS, either the initial test position or DSSS procedure is applied to reduce the number of SAR tests; these are mutually exclusive. For OFDM, an initial test position is only applicable to next to the ear, UMPC mini-tablet and hotspot mode configurations, which is tested using the initial test configuration to facilitate test reduction. For other exposure conditions with a fixed test position, SAR test reduction is determined using only the initial test configuration.

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

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

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

6.9 Conducted Power

Band	Modulation	Data Rate	CH	Frequency (MHz)	Average Power (dBm)	
					Time Average	Burst Average
GPRS 850 Multi Class :10 Max Up:2 Max Down:4 Sum:5	GMSK	4Down1Up Duty factor 1/8	Lowest	824.2	23.49	32.52
			Middle	836.6	23.60	32.63
			Highest	848.8	23.24	32.27
		3Down2Up Duty factor 2/8	Lowest	824.2	24.89	30.91
			Middle	836.6	24.95	30.97
			Highest	848.8	24.44	30.46
EGPRS 850 Multi Class :12 Max Up:4 Max Down:4 Sum:5	8PSK	4Down1Up Duty factor 1/8	Lowest	824.2	16.31	25.34
			Middle	836.6	16.48	25.51
			Highest	848.8	16.26	25.29
		3Down2Up Duty factor 2/8	Lowest	824.2	19.24	25.26
			Middle	836.6	19.35	25.37
			Highest	848.8	19.20	25.22
		2Down3Up Duty factor 3/8	Lowest	824.2	20.93	25.19
			Middle	836.6	21.05	25.31
			Highest	848.8	20.79	25.05
		1Down4Up Duty factor 4/8	Lowest	824.2	22.08	25.09
			Middle	836.6	22.09	25.10
			Highest	848.8	22.01	25.02

Note: 1. Time Average power slot duty cycle factor calculate:

1up: Average burst power+10*LOG(1/8)

2up: Average burst power+10*LOG(2/8)

3up: Average burst power+10*LOG(3/8)

4up: Average burst power+10*LOG(4/8)

Band	Modulation	Data Rate	CH	Frequency (MHz)	Average Power (dBm)	
					Time Average	Burst Average
GPRS 1900 Multi Class :10 Max Up:2 Max Down:4 Sum:5	GMSK	4Down1Up Duty factor 1/8	Lowest	1850.2	20.94	29.97
			Middle	1880.0	20.78	29.81
			Highest	1909.8	20.99	30.02
		3Down2Up Duty factor 2/8	Lowest	1850.2	23.69	29.71
			Middle	1880.0	23.48	29.50
			Highest	1909.8	23.71	29.73
EGPRS 1900 Multi Class :12 Max Up:4 Max Down:4 Sum:5	8PSK	4Down1Up Duty factor 1/8	Lowest	1850.2	15.15	24.18
			Middle	1880.0	15.12	24.15
			Highest	1909.8	15.08	24.11
		3Down2Up Duty factor 2/8	Lowest	1850.2	18.14	24.16
			Middle	1880.0	18.11	24.13
			Highest	1909.8	18.07	24.09
		2Down3Up Duty factor 3/8	Lowest	1850.2	19.85	24.11
			Middle	1880.0	19.81	24.07
			Highest	1909.8	19.81	24.07
		1Down4Up Duty factor 4/8	Lowest	1850.2	21.07	24.08
			Middle	1880.0	21.03	24.04
			Highest	1909.8	21.01	24.02

Note: 1. Time Average power slot duty cycle factor calculate:

1up: Average burst power+10*LOG(1/8)

2up: Average burst power+10*LOG(2/8)

3up: Average burst power+10*LOG(3/8)

4up: Average burst power+10*LOG(4/8)

Band	Modulation	Sub-test	CH	Frequency (MHz)	Burst Average Power (dBm)
WCDMA Band II	RMC12.2K	---	Lowest	1852.4	23.49
			Middle	1880.0	23.46
			Highest	1907.6	23.02
HSDPA Band II	QPSK	1	Lowest	1852.4	22.46
			Middle	1880.0	22.41
			Highest	1907.6	21.96
		2	Lowest	1852.4	22.40
			Middle	1880.0	22.33
			Highest	1907.6	21.87
		3	Lowest	1852.4	21.93
			Middle	1880.0	21.85
			Highest	1907.6	21.39
		4	Lowest	1852.4	21.88
			Middle	1880.0	21.80
			Highest	1907.6	21.33
HSUPA/HSPA+ Band II	QPSK	1	Lowest	1852.4	21.92
			Middle	1880.0	21.85
			Highest	1907.6	21.37
		2	Lowest	1852.4	19.90
			Middle	1880.0	19.80
			Highest	1907.6	19.31
		3	Lowest	1852.4	20.89
			Middle	1880.0	20.79
			Highest	1907.6	20.28
		4	Lowest	1852.4	19.85
			Middle	1880.0	19.76
			Highest	1907.6	19.25
		5	Lowest	1852.4	21.86
			Middle	1880.0	21.76
			Highest	1907.6	21.25

Band	Modulation	Sub-test	CH	Frequency (MHz)	Burst Average Power (dBm)
WCDMA Band V	RMC12.2K	---	Lowest	826.4	23.98
			Middle	836.6	23.95
			Highest	846.6	23.52
HSDPA Band V	QPSK	1	Lowest	826.4	22.92
			Middle	836.6	22.86
			Highest	846.6	22.40
		2	Lowest	826.4	22.87
			Middle	836.6	22.78
			Highest	846.6	22.31
		3	Lowest	826.4	22.39
			Middle	836.6	22.30
			Highest	846.6	21.83
		4	Lowest	826.4	22.34
			Middle	836.6	22.23
			Highest	846.6	21.75
HSUPA/HSPA+ Band V	QPSK	1	Lowest	826.4	22.34
			Middle	836.6	22.23
			Highest	846.6	21.75
		2	Lowest	826.4	20.31
			Middle	836.6	20.15
			Highest	846.6	19.66
		3	Lowest	826.4	21.27
			Middle	836.6	21.12
			Highest	846.6	20.61
		4	Lowest	826.4	20.25
			Middle	836.6	20.09
			Highest	846.6	19.59
		5	Lowest	826.4	22.27
			Middle	836.6	22.11
			Highest	846.6	21.59

Band	Modulation	RC/TAP (REV)	CH	Frequency (MHz)	Burst Average Power (dBm)
CDMA 800 (BC0)	QPSK	RC1/SO55	Lowest	824.70	24.85
			Middle	836.52	24.59
			Highest	848.31	24.58
		RC3/SO55	Lowest	824.70	24.79
			Middle	836.52	24.55
			Highest	848.31	24.54
1xRTT 800 (BC0)	QPSK	RC3/SO32	Lowest	824.70	24.74
			Middle	836.52	24.57
			Highest	848.31	24.61
1xEV-DO 800 (BC0)	QPSK	RTAP(kbps) 153.6 Rev.0	Lowest	824.70	24.81
			Middle	836.52	24.51
			Highest	848.31	24.47
		RETAP Payload size 4096 bits Rev.A	Lowest	824.70	24.61
			Middle	836.52	24.42
			Highest	848.31	24.37

Band	Modulation	RC/TAP (REV)	CH	Frequency (MHz)	Burst Average Power (dBm)
CDMA 1900 (BC1)	QPSK	RC1/SO55	Lowest	1851.25	24.77
			Middle	1880.00	24.57
			Highest	1908.75	23.41
		RC3/SO55	Lowest	1851.25	24.76
			Middle	1880.00	24.35
			Highest	1908.75	23.52
1xRTT 1900 (BC1)	QPSK	RC3/SO32	Lowest	1851.25	24.74
			Middle	1880.00	24.57
			Highest	1908.75	23.49
1xEV-DO 1900 (BC1)	QPSK	RTAP(kbps) 153.6 Rev.0	Lowest	1851.25	24.76
			Middle	1880.00	24.38
			Highest	1908.75	23.63
		RETAP Payload size 4096 bits Rev.A	Lowest	1851.25	24.56
			Middle	1880.00	24.14
			Highest	1908.75	23.47

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Burst Average Power (dBm)
					Size	Offset	
LTE Band 2	1.4 MHz	QPSK	18607	1850.7	1	0	22.88
					1	2	22.77
					1	5	22.74
					3	0	22.73
					3	1	22.67
					3	3	22.67
					6	0	22.64
			18900	1880.0	1	0	22.88
					1	2	22.86
					1	5	22.81
					3	0	22.80
					3	1	22.75
					3	3	22.72
					6	0	22.72
			19193	1909.3	1	0	22.85
					1	2	22.82
					1	5	22.81
					3	0	22.74
					3	1	22.63
					3	3	22.49
					6	0	22.44
		16QAM	18607	1850.7	1	0	21.74
					1	2	21.66
					1	5	21.62
					3	0	21.59
					3	1	21.37
					3	3	21.34
					6	0	21.30
			18900	1880.0	1	0	21.84
					1	2	21.75
					1	5	21.74
					3	0	21.72
					3	1	21.37
					3	3	21.27
					6	0	21.26
			19193	1909.3	1	0	21.91
					1	2	21.82
					1	5	21.77
					3	0	21.69
					3	1	21.61
					3	3	21.52
					6	0	21.52

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		With CA power Pcc:B2			
					Size	Offset	Scc:B4 (5M)	Scc:B4 (10M)	Scc:B4 (15M)	Scc:B4 (20M)
LTE Band 2	1.4 MHz	QPSK	18607	1850.7	1	0	22.84	22.85	22.86	22.85
					1	2	22.75	22.76	22.75	22.76
					1	5	22.71	22.74	22.74	22.72
					3	0	22.71	22.72	22.72	22.72
					3	1	22.67	22.66	22.64	22.66
					3	3	22.62	22.65	22.65	22.65
					6	0	22.62	22.63	22.63	22.61
			18900	1880.0	1	0	22.87	22.88	22.87	22.86
					1	2	22.84	22.85	22.85	22.85
					1	5	22.81	22.79	22.78	22.78
					3	0	22.79	22.78	22.78	22.78
					3	1	22.75	22.74	22.73	22.71
					3	3	22.72	22.69	22.68	22.69
					6	0	22.71	22.72	22.70	22.70
			19193	1909.3	1	0	22.85	22.84	22.84	22.83
					1	2	22.80	22.79	22.79	22.79
					1	5	22.79	22.79	22.77	22.77
					3	0	22.71	22.71	22.71	22.72
					3	1	22.61	22.62	22.62	22.62
					3	3	22.48	22.45	22.48	22.46
					6	0	22.43	22.41	22.41	22.41
		16QAM	18607	1850.7	1	0	21.71	21.73	21.71	21.72
					1	2	21.66	21.65	21.65	21.65
					1	5	21.61	21.59	21.60	21.60
					3	0	21.55	21.55	21.55	21.56
					3	1	21.34	21.37	21.34	21.34
					3	3	21.31	21.32	21.32	21.30
					6	0	21.29	21.29	21.29	21.29
			18900	1880.0	1	0	21.81	21.81	21.82	21.81
					1	2	21.75	21.74	21.74	21.74
					1	5	21.73	21.74	21.72	21.72
					3	0	21.72	21.71	21.71	21.69
					3	1	21.33	21.35	21.35	21.35
					3	3	21.25	21.26	21.25	21.25
					6	0	21.22	21.24	21.24	21.25
			19193	1909.3	1	0	21.88	21.89	21.89	21.89
					1	2	21.79	21.81	21.79	21.81
					1	5	21.77	21.77	21.76	21.73
					3	0	21.65	21.66	21.67	21.66
					3	1	21.58	21.61	21.57	21.60
					3	3	21.51	21.51	21.51	21.51
					6	0	21.49	21.52	21.49	21.50

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Burst Average Power (dBm)
					Size	Offset	
LTE Band 2	3MHz	QPSK	18615	1851.5	1	0	22.99
					1	8	22.77
					1	14	22.74
					8	0	22.73
					8	4	22.71
					8	7	22.70
					15	0	22.67
			18900	1880.0	1	0	23.06
					1	8	22.88
					1	14	22.83
					8	0	22.76
					8	4	22.74
					8	7	22.71
					15	0	22.71
			19185	1908.5	1	0	23.14
					1	8	23.14
					1	14	23.08
					8	0	23.07
					8	4	22.94
					8	7	22.66
					15	0	22.31
		16QAM	18615	1851.5	1	0	21.82
					1	8	21.81
					1	14	21.74
					8	0	21.62
					8	4	21.58
					8	7	21.50
					15	0	21.48
			18900	1880.0	1	0	21.92
					1	8	21.86
					1	14	21.79
					8	0	21.71
					8	4	21.65
					8	7	21.59
					15	0	21.51
			19185	1908.5	1	0	22.18
					1	8	22.14
					1	14	22.03
					8	0	21.98
					8	4	21.92
					8	7	21.80
					15	0	21.66

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		With CA power Pcc:B2			
					Size	Offset	Scc:B4 (5M)	Scc:B4 (10M)	Scc:B4 (15M)	Scc:B4 (20M)
LTE Band 2	3 MHz	QPSK	18615	1851.5	1	0	N/A	N/A	N/A	N/A
					1	8				
					1	14				
					8	0				
					8	4				
					8	7				
					15	0				
			18900	1880.0	1	0				
					1	8				
					1	14				
					8	0				
					8	4				
					8	7				
					15	0				
			19185	1908.5	1	0				
					1	8				
					1	14				
					8	0				
					8	4				
					8	7				
					15	0				
		16QAM	18615	1851.5	1	0				
					1	8				
					1	14				
					8	0				
					8	4				
					8	7				
					15	0				
			18900	1880.0	1	0				
					1	8				
					1	14				
					8	0				
					8	4				
					8	7				
					15	0				
			19185	1908.5	1	0				
					1	8				
					1	14				
					8	0				
					8	4				
					8	7				
					15	0				

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Burst Average Power (dBm)
					Size	Offset	
LTE Band 2	5MHz	QPSK	18625	1852.5	1	0	22.88
					1	12	22.75
					1	24	22.72
					12	0	21.71
					12	6	21.66
					12	13	21.63
					25	0	21.61
			18900	1880.0	1	0	22.86
					1	12	22.78
					1	24	22.64
					12	0	21.80
					12	6	21.73
					12	13	21.69
					25	0	21.60
			19175	1907.5	1	0	23.07
					1	12	22.98
					1	24	22.25
					12	0	22.05
					12	6	21.98
					12	13	21.87
					25	0	21.86
		16QAM	18625	1852.5	1	0	21.66
					1	12	21.63
					1	24	21.54
					12	0	20.72
					12	6	20.67
					12	13	20.67
					25	0	20.65
			18900	1880.0	1	0	21.76
					1	12	21.59
					1	24	21.51
					12	0	20.80
					12	6	20.72
					12	13	20.68
					25	0	20.64
			19175	1907.5	1	0	21.88
					1	12	21.86
					1	24	21.63
					12	0	21.09
					12	6	21.07
					12	11	21.00
					25	0	20.90

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		With CA power Pcc:B2			
					Size	Offset	Scc:B4 (5M)	Scc:B4 (10M)	Scc:B4 (15M)	Scc:B4 (20M)
LTE Band 2	5MHz	QPSK	18625	1852.5	1	0	22.86	22.88	22.87	22.88
					1	12	22.72	22.74	22.73	22.74
					1	24	22.69	22.68	22.69	22.68
					12	0	21.70	21.68	21.71	21.68
					12	6	21.64	21.64	21.64	21.64
					12	13	21.58	21.62	21.61	21.62
					25	0	21.57	21.58	21.57	21.58
			18900	1880.0	1	0	22.83	22.85	22.85	22.85
					1	12	22.76	22.76	22.74	22.76
					1	24	22.60	22.63	22.61	22.63
					12	0	21.78	21.76	21.78	21.76
					12	6	21.72	21.72	21.72	21.72
					12	13	21.68	21.66	21.67	21.66
					25	0	21.58	21.57	21.57	21.57
			19175	1907.5	1	0	23.04	23.06	23.03	23.06
					1	12	22.97	22.95	22.96	22.95
					1	24	22.23	22.22	22.22	22.22
					12	0	22.03	22.03	22.04	22.03
					12	6	21.96	21.95	21.95	21.95
					12	13	21.84	21.83	21.84	21.83
					25	0	21.82	21.83	21.84	21.83
		16QAM	18625	1852.5	1	0	21.65	21.65	21.65	21.65
					1	12	21.60	21.61	21.62	21.61
					1	24	21.52	21.51	21.52	21.51
					12	0	20.68	20.71	20.72	20.71
					12	6	20.65	20.65	20.65	20.65
					12	13	20.64	20.65	20.63	20.65
					25	0	20.62	20.64	20.63	20.64
			18900	1880.0	1	0	21.72	21.72	21.76	21.72
					1	12	21.59	21.58	21.58	21.58
					1	24	21.48	21.49	21.48	21.49
					12	0	20.79	20.77	20.77	20.77
					12	6	20.68	20.71	20.70	20.71
					12	13	20.68	20.66	20.66	20.66
					25	0	20.60	20.61	20.60	20.61
			19175	1907.5	1	0	21.86	21.85	21.85	21.85
					1	12	21.83	21.84	21.85	21.84
					1	24	21.63	21.62	21.63	21.62
					12	0	21.08	21.09	21.06	21.09
					12	6	21.04	21.07	21.05	21.07
					12	11	20.97	20.99	20.98	20.99
					25	0	20.89	20.88	20.89	20.88

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Burst Average Power (dBm)
					Size	Offset	
LTE Band 2	10MHz	QPSK	18650	1855.0	1	0	23.04
					1	24	22.92
					1	49	22.91
					25	0	22.85
					25	12	22.81
					25	25	22.76
					50	0	22.74
			18900	1880.0	1	0	23.12
					1	24	22.88
					1	49	22.87
					25	0	22.78
					25	12	22.75
					25	25	22.72
					50	0	22.63
			19150	1905.0	1	0	23.13
					1	24	23.05
					1	49	23.04
					25	0	23.01
					25	12	22.95
					25	25	22.91
					50	0	22.16
		16QAM	18650	1855.0	1	0	21.89
					1	24	21.88
					1	49	21.83
					25	0	21.83
					25	12	21.70
					25	25	21.62
					50	0	21.60
			18900	1880.0	1	0	22.13
					1	24	21.89
					1	49	21.76
					25	0	21.75
					25	12	21.74
					25	25	21.63
					50	0	21.62
			19150	1905.0	1	0	22.15
					1	24	22.00
					1	49	21.99
					25	0	21.98
					25	12	21.96
					25	25	21.86
					50	0	21.53

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		With CA power Pcc:B2			
					Size	Offset	Scc:B4 (5M)	Scc:B4 (10M)	Scc:B4 (15M)	Scc:B4 (20M)
LTE Band 2	10MHz	QPSK	18650	1855.0	1	0	23.01	23.03	23.02	23.01
					1	24	22.91	22.92	22.91	22.90
					1	49	22.88	22.89	22.88	22.90
					25	0	22.83	22.83	22.83	22.84
					25	12	22.81	22.79	22.78	22.80
					25	25	22.73	22.74	22.74	22.73
					50	0	22.71	22.71	22.70	22.70
			18900	1880.0	1	0	23.09	23.10	23.10	23.11
					1	24	22.87	22.84	22.85	22.86
					1	49	22.84	22.86	22.86	22.86
					25	0	22.76	22.75	22.77	22.75
					25	12	22.75	22.73	22.73	22.71
					25	25	22.72	22.68	22.69	22.71
					50	0	22.62	22.60	22.61	22.61
			19150	1905.0	1	0	23.11	23.11	23.12	23.10
					1	24	23.04	23.03	23.03	23.03
					1	49	23.01	23.03	23.00	23.02
					25	0	22.99	22.98	22.99	22.98
					25	12	22.95	22.90	22.93	22.90
					25	25	22.89	22.89	22.88	22.87
					50	0	22.13	22.15	22.12	22.14
		16QAM	18650	1855.0	1	0	21.87	21.87	21.88	21.86
					1	24	21.85	21.86	21.85	21.85
					1	49	21.82	21.82	21.81	21.82
					25	0	21.81	21.82	21.82	21.82
					25	12	21.69	21.67	21.66	21.66
					25	25	21.58	21.58	21.60	21.60
					50	0	21.58	21.59	21.59	21.57
			18900	1880.0	1	0	22.10	22.10	22.09	22.11
					1	24	21.88	21.87	21.87	21.87
					1	49	21.74	21.74	21.75	21.73
					25	0	21.72	21.71	21.70	21.71
					25	12	21.71	21.72	21.72	21.72
					25	25	21.62	21.62	21.61	21.62
					50	0	21.60	21.59	21.59	21.58
			19150	1905.0	1	0	22.14	22.14	22.12	22.12
					1	24	21.98	21.97	21.97	21.98
					1	49	21.99	21.98	21.97	21.96
					25	0	21.95	21.95	21.95	21.95
					25	12	21.94	21.92	21.91	21.92
					25	25	21.85	21.84	21.83	21.84
					50	0	21.53	21.50	21.53	21.49

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Burst Average Power (dBm)
					Size	Offset	
LTE Band 2	15MHz	QPSK	18675	1857.5	1	0	23.46
					1	38	23.11
					1	74	23.08
					36	0	23.03
					36	18	22.93
					36	39	22.91
					75	0	22.85
			18900	1880.0	1	0	23.46
					1	38	23.11
					1	74	22.99
					36	0	22.92
					36	18	22.88
					36	39	22.86
					75	0	22.85
			19125	1902.5	1	0	23.37
					1	38	23.15
					1	74	23.10
					36	0	23.05
					36	18	23.01
					36	39	22.92
					75	0	22.35
		16QAM	18675	1857.5	1	0	22.25
					1	38	22.17
					1	74	22.07
					36	0	21.98
					36	18	21.96
					36	39	21.87
					75	0	21.66
			18900	1880.0	1	0	22.31
					1	38	22.18
					1	74	22.04
					36	0	21.93
					36	18	21.86
					36	39	21.75
					75	0	21.55
			19125	1902.5	1	0	22.41
					1	38	22.21
					1	74	22.21
					36	0	22.14
					36	18	21.87
					36	39	21.83
					75	0	21.72

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		With CA power Pcc:B2			
					Size	Offset	Scc:B4 (5M)	Scc:B4 (10M)	Scc:B4 (15M)	Scc:B4 (20M)
LTE Band 2	15 MHz	QPSK	18675	1857.5	1	0	N/A	N/A	N/A	N/A
					1	38				
					1	74				
					36	0				
					36	18				
					36	39				
					75	0				
			18900	1880.0	1	0				
					1	38				
					1	74				
					36	0				
					36	18				
					36	39				
					75	0				
			19125	1902.5	1	0				
					1	38				
					1	74				
					36	0				
					36	18				
					36	39				
					75	0				
		16QAM	18675	1857.5	1	0				
					1	38				
					1	74				
					36	0				
					36	18				
					36	39				
					75	0				
			18900	1880.0	1	0				
					1	38				
					1	74				
					36	0				
					36	18				
					36	39				
					75	0				
			19125	1902.5	1	0				
					1	38				
					1	74				
					36	0				
					36	18				
					36	39				
					75	0				

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Burst Average Power (dBm)
					Size	Offset	
LTE Band 2	20MHz	QPSK	18700	1860.0	1	0	23.86
					1	49	23.15
					1	99	23.00
					50	0	22.18
					50	25	22.16
					50	50	22.11
					100	0	22.10
			18900	1880.0	1	0	23.48
					1	49	23.03
					1	99	22.75
					50	0	22.35
					50	25	22.27
					50	50	22.19
					100	0	22.09
			19100	1900.0	1	0	23.80
					1	49	22.86
					1	99	22.24
					50	0	22.17
					50	25	22.09
					50	50	22.07
					100	0	22.06
		16QAM	18700	1860.0	1	0	22.58
					1	49	22.06
					1	99	21.79
					50	0	21.21
					50	25	21.18
					50	50	21.01
					100	0	20.99
			18900	1880.0	1	0	22.79
					1	49	21.97
					1	99	21.52
					50	0	21.18
					50	25	21.10
					50	50	20.83
					100	0	20.76
			19100	1900.0	1	0	22.56
					1	49	21.67
					1	99	21.45
					50	0	21.17
					50	25	21.16
					50	50	20.98
					100	0	20.94

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		With CA power Pcc:B2			
					Size	Offset	Scc:B4 (5M)	Scc:B4 (10M)	Scc:B4 (15M)	Scc:B4 (20M)
LTE Band 2	20 MHz	QPSK	18700	1860.0	1	0	N/A	N/A	N/A	N/A
					1	49				
					1	99				
					50	0				
					50	25				
					50	50				
					100	0				
			18900	1880.0	1	0				
					1	49				
					1	99				
					50	0				
					50	25				
					50	50				
					100	0				
			19100	1900.0	1	0				
					1	49				
					1	99				
					50	0				
					50	25				
					50	50				
					100	0				
		16QAM	18700	1860.0	1	0				
					1	49				
					1	99				
					50	0				
					50	25				
					50	50				
					100	0				
			18900	1880.0	1	0				
					1	49				
					1	99				
					50	0				
					50	25				
					50	50				
					100	0				
			19100	1900.0	1	0				
					1	49				
					1	99				
					50	0				
					50	25				
					50	50				
					100	0				

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Burst Average Power (dBm)
					Size	Offset	
LTE Band 4	1.4MHz	QPSK	19957	1710.7	1	0	22.85
					1	2	22.84
					1	5	22.78
					3	0	22.72
					3	1	22.66
					3	3	22.58
					6	0	22.57
			20175	1732.5	1	0	22.97
					1	2	22.93
					1	5	22.84
					3	0	22.83
					3	1	22.79
					3	3	22.78
					6	0	22.75
			20393	1754.3	1	0	22.85
					1	2	22.80
					1	5	22.73
					3	0	22.72
					3	1	22.70
					3	3	22.66
					6	0	22.59
		16QAM	19957	1710.7	1	0	22.81
					1	2	22.69
					1	5	22.55
					3	0	22.54
					3	1	22.53
					3	3	22.35
					6	0	21.68
			20175	1732.5	1	0	23.03
					1	2	22.88
					1	5	22.84
					3	0	22.73
					3	1	22.56
					3	3	22.53
					6	0	21.95
			20393	1754.3	1	0	22.98
					1	2	22.79
					1	5	22.76
					3	0	22.71
					3	1	22.58
					3	3	22.55
					6	0	21.92

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Burst Average Power (dBm)
					Size	Offset	
LTE Band 4	3MHz	QPSK	19965	1711.5	1	0	22.98
					1	8	22.90
					1	14	22.82
					8	0	22.82
					8	4	22.73
					8	7	22.71
					15	0	22.57
			20175	1732.5	1	0	23.08
					1	8	22.90
					1	14	22.89
					8	0	22.88
					8	4	22.87
					8	7	22.87
					15	0	22.85
			20385	1753.5	1	0	22.96
					1	8	22.86
					1	14	22.84
					8	0	22.83
					8	4	22.74
					8	7	22.74
					15	0	22.71
		16QAM	19965	1711.5	1	0	22.94
					1	8	22.66
					1	14	22.62
					8	0	21.87
					8	4	21.82
					8	7	21.80
					15	0	21.65
			20175	1732.5	1	0	22.98
					1	8	22.87
					1	14	22.79
					8	0	21.95
					8	4	21.93
					8	7	21.88
					15	0	21.79
			20385	1753.5	1	0	22.90
					1	8	22.73
					1	14	22.72
					8	0	21.90
					8	4	21.87
					8	7	21.78
					15	0	21.75

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Burst Average Power (dBm)
					Size	Offset	
LTE Band 4	5MHz	QPSK	19975	1712.5	1	0	22.81
					1	12	22.74
					1	24	22.66
					12	0	21.71
					12	6	21.69
					12	13	21.66
					25	0	21.59
			20175	1732.5	1	0	22.98
					1	12	22.92
					1	24	22.90
					12	0	21.79
					12	6	21.75
					12	13	21.74
					25	0	21.72
			20375	1752.5	1	0	22.83
					1	12	22.67
					1	24	22.67
					12	0	21.57
					12	6	21.55
					12	13	21.51
					25	0	21.48
		16QAM	19975	1712.5	1	0	22.80
					1	12	22.68
					1	24	22.62
					12	0	20.74
					12	6	20.73
					12	13	20.68
					25	0	20.61
			20175	1732.5	1	0	22.98
					1	12	22.83
					1	24	22.82
					12	0	20.81
					12	6	20.78
					12	13	20.76
					25	0	20.75
			20375	1752.5	1	0	22.64
					1	12	22.62
					1	24	22.58
					12	0	20.66
					12	6	20.58
					12	11	20.55
					25	0	20.50

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Burst Average Power (dBm)
					Size	Offset	
LTE Band 4	10MHz	QPSK	20000	1715.0	1	0	23.02
					1	24	22.71
					1	49	22.66
					25	0	22.51
					25	12	22.42
					25	25	22.39
					50	0	22.30
			20175	1732.5	1	0	23.14
					1	24	22.86
					1	49	22.72
					25	0	22.70
					25	12	22.59
					25	25	22.53
					50	0	22.39
			20350	1750.0	1	0	22.87
					1	24	22.51
					1	49	22.38
					25	0	22.32
					25	12	22.22
					25	25	22.19
					50	0	22.08
		16QAM	20000	1715.0	1	0	23.31
					1	24	23.06
					1	49	23.00
					25	0	21.52
					25	12	21.41
					25	25	21.32
					50	0	21.26
			20175	1732.5	1	0	23.45
					1	24	22.89
					1	49	22.70
					25	0	21.73
					25	12	21.50
					25	25	21.49
					50	0	21.35
			20350	1750.0	1	0	23.00
					1	24	22.58
					1	49	22.52
					25	0	21.29
					25	12	21.22
					25	25	21.19
					50	0	21.08

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Burst Average Power (dBm)
					Size	Offset	
LTE Band 4	15MHz	QPSK	20025	1717.5	1	0	23.44
					1	38	23.05
					1	74	22.94
					36	0	22.87
					36	18	22.85
					36	39	22.81
					75	0	22.79
			20175	1732.5	1	0	23.41
					1	38	23.11
					1	74	23.08
					36	0	23.02
					36	18	22.86
					36	39	22.80
					75	0	22.75
			20325	1747.5	1	0	23.30
					1	38	22.88
					1	74	22.71
					36	0	22.70
					36	18	22.70
					36	39	22.70
					75	0	22.60
		16QAM	20025	1717.5	1	0	23.67
					1	38	22.90
					1	74	22.78
					36	0	22.09
					36	18	21.92
					36	39	21.88
					75	0	21.79
			20175	1732.5	1	0	23.47
					1	38	22.94
					1	74	22.90
					36	0	22.07
					36	18	22.01
					36	39	21.91
					75	0	21.76
			20325	1747.5	1	0	23.41
					1	38	22.64
					1	74	22.50
					36	0	21.97
					36	18	21.75
					36	39	21.68
					75	0	21.58

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Burst Average Power (dBm)
					Size	Offset	
LTE Band 4	20MHz	QPSK	20050	1720.0	1	0	23.94
					1	49	23.33
					1	99	23.11
					50	0	23.10
					50	25	22.94
					50	50	22.88
					100	0	22.77
			20175	1732.5	1	0	23.99
					1	49	23.38
					1	99	23.04
					50	0	23.01
					50	25	22.99
					50	50	22.96
					100	0	22.88
			20300	1745.0	1	0	23.82
					1	49	23.12
					1	99	22.87
					50	0	22.82
					50	25	22.75
					50	50	22.72
					100	0	22.56
		16QAM	20050	1720.0	1	0	23.69
					1	49	23.24
					1	99	22.77
					50	0	22.31
					50	25	22.06
					50	50	21.92
					100	0	21.89
			20175	1732.5	1	0	23.69
					1	49	23.17
					1	99	22.95
					50	0	22.27
					50	25	22.05
					50	50	21.95
					100	0	21.89
			20300	1745.0	1	0	23.74
					1	49	23.05
					1	99	22.57
					50	0	22.03
					50	25	21.80
					50	50	21.70
					100	0	21.69

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Burst Average Power (dBm)
					Size	Offset	
LTE Band 5	1.4MHz	QPSK	20407	824.7	1	0	23.54
					1	2	23.47
					1	5	23.46
					3	0	23.36
					3	1	23.34
					3	3	23.32
					6	0	22.33
			20525	836.5	1	0	23.50
					1	2	23.46
					1	5	23.45
					3	0	23.39
					3	1	23.39
					3	3	23.31
					6	0	22.26
			20643	848.3	1	0	23.17
					1	2	23.09
					1	5	23.07
					3	0	23.07
					3	1	23.05
					3	3	23.01
					6	0	21.98
		16QAM	20407	824.7	1	0	22.76
					1	2	22.74
					1	5	22.74
					3	0	22.45
					3	1	22.38
					3	3	22.36
					6	0	21.34
			20525	836.5	1	0	22.82
					1	2	22.79
					1	5	22.70
					3	0	22.47
					3	1	22.43
					3	3	22.40
					6	0	21.36
			20643	848.3	1	0	22.47
					1	2	22.40
					1	5	22.39
					3	0	22.16
					3	1	22.11
					3	3	22.10
					6	0	21.11

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Burst Average Power (dBm)
					Size	Offset	
LTE Band 5	3MHz	QPSK	20415	825.5	1	0	23.51
					1	8	23.49
					1	14	23.42
					8	0	22.44
					8	4	22.33
					8	7	22.33
					15	0	22.32
			20525	836.5	1	0	23.64
					1	8	23.33
					1	14	23.33
					8	0	22.43
					8	4	22.38
					8	7	22.35
					15	0	22.31
			20635	847.5	1	0	23.30
					1	8	23.07
					1	14	23.03
					8	0	22.08
					8	4	22.07
					8	7	22.00
					15	0	21.99
		16QAM	20415	825.5	1	0	22.86
					1	8	22.72
					1	14	22.57
					8	0	21.50
					8	4	21.41
					8	7	21.38
					15	0	21.28
			20525	836.5	1	0	22.85
					1	8	22.58
					1	14	22.51
					8	0	21.47
					8	4	21.41
					8	7	21.35
					15	0	21.33
			20635	847.5	1	0	22.50
					1	8	22.29
					1	14	22.27
					8	0	21.16
					8	4	21.11
					8	7	21.02
					15	0	21.02

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Burst Average Power (dBm)
					Size	Offset	
LTE Band 5	5MHz	QPSK	20425	826.5	1	0	23.47
					1	12	23.41
					1	24	23.39
					12	0	22.43
					12	6	22.36
					12	13	22.35
					25	0	22.28
			20525	836.5	1	0	23.41
					1	12	23.31
					1	24	23.30
					12	0	22.39
					12	6	22.32
					12	13	22.27
					25	0	22.24
			20625	846.5	1	0	23.20
					1	12	23.06
					1	24	23.05
					12	0	22.14
					12	6	22.11
					12	13	21.98
					25	0	21.96
		16QAM	20425	826.5	1	0	22.76
					1	12	22.75
					1	24	22.67
					12	0	21.42
					12	6	21.41
					12	13	21.36
					25	0	21.29
			20525	836.5	1	0	22.77
					1	12	22.62
					1	24	22.60
					12	0	21.39
					12	6	21.30
					12	13	21.29
					25	0	21.28
			20625	846.5	1	0	22.47
					1	12	22.44
					1	24	22.39
					12	0	21.20
					12	6	21.08
					12	11	21.07
					25	0	21.02

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Burst Average Power (dBm)
					Size	Offset	
LTE Band 5	10MHz	QPSK	20450	829.0	1	0	23.43
					1	24	23.41
					1	49	23.21
					25	0	22.46
					25	12	22.45
					25	25	22.32
					50	0	22.30
			20525	836.5	1	0	23.35
					1	24	23.32
					1	49	23.19
					25	0	22.31
					25	12	22.30
					25	25	22.27
					50	0	22.23
			20600	844.0	1	0	23.35
					1	24	23.22
					1	49	22.99
					25	0	22.28
					25	12	22.22
					25	25	22.18
					50	0	22.06
		16QAM	20450	829.0	1	0	22.95
					1	24	22.81
					1	49	22.59
					25	0	21.41
					25	12	21.40
					25	25	21.30
					50	0	21.28
			20525	836.5	1	0	22.77
					1	24	22.75
					1	49	22.59
					25	0	21.31
					25	12	21.31
					25	25	21.26
					50	0	21.21
			20600	844.0	1	0	22.70
					1	24	22.57
					1	49	22.42
					25	0	21.16
					25	12	21.15
					25	25	21.13
					50	0	20.99

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Burst Average Power (dBm)
					Size	Offset	
LTE Band 7	5MHz	QPSK	20775	2502.5	1	0	21.58
					1	12	21.56
					1	24	21.51
					12	0	20.58
					12	6	20.56
					12	13	20.53
					25	0	20.51
			21100	2535.0	1	0	21.51
					1	12	21.45
					1	24	21.40
					12	0	20.63
					12	6	20.61
					12	13	20.52
					25	0	20.51
			21425	2567.5	1	0	21.74
					1	12	21.66
					1	24	21.63
					12	0	20.58
					12	6	20.56
					12	13	20.56
					25	0	20.52
		16QAM	20775	2502.5	1	0	20.90
					1	12	20.85
					1	24	20.61
					12	0	19.57
					12	6	19.53
					12	13	19.52
					25	0	19.51
			21100	2535.0	1	0	21.05
					1	12	20.90
					1	24	20.82
					12	0	19.70
					12	6	19.61
					12	13	19.60
					25	0	19.58
			21425	2567.5	1	0	21.07
					1	12	20.88
					1	24	20.79
					12	0	19.71
					12	6	19.71
					12	13	19.70
					25	0	19.59

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Burst Average Power (dBm)
					Size	Offset	
LTE Band 7	10MHz	QPSK	20800	2505.0	1	0	21.60
					1	24	21.46
					1	49	21.36
					25	0	20.46
					25	12	20.40
					25	25	20.39
					50	0	20.34
			21100	2535.0	1	0	21.73
					1	24	21.49
					1	49	21.47
					25	0	20.61
					25	12	20.55
					25	25	20.52
					50	0	20.42
			21400	2565.0	1	0	21.48
					1	24	21.44
					1	49	21.34
					25	0	20.50
					25	12	20.42
					25	25	20.38
					50	0	20.35
		16QAM	20800	2505.0	1	0	20.92
					1	24	20.76
					1	49	20.62
					25	0	19.48
					25	12	19.41
					25	25	19.38
					50	0	19.37
			21100	2535.0	1	0	21.26
					1	24	20.72
					1	49	20.65
					25	0	19.61
					25	12	19.52
					25	25	19.49
					50	0	19.42
			21400	2565.0	1	0	20.85
					1	24	20.62
					1	49	20.54
					25	0	19.54
					25	12	19.42
					25	25	19.40
					50	0	19.32

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Burst Average Power (dBm)
					Size	Offset	
LTE Band 7	15MHz	QPSK	20825	2507.5	1	0	21.61
					1	38	21.46
					1	74	21.34
					36	0	20.68
					36	18	20.66
					36	39	20.49
					75	0	20.47
			21100	2535	1	0	21.56
					1	38	21.55
					1	74	21.38
					36	0	20.72
					36	18	20.67
					36	39	20.63
					75	0	20.60
			21375	2562.5	1	0	21.54
					1	38	21.33
					1	74	21.26
					36	0	20.55
					36	18	20.51
					36	39	20.41
					75	0	20.39
		16QAM	20825	2507.5	1	0	21.06
					1	38	21.01
					1	74	20.63
					36	0	19.68
					36	18	19.66
					36	39	19.55
					75	0	19.46
			21100	2535	1	0	20.80
					1	38	20.77
					1	74	20.53
					36	0	19.68
					36	18	19.65
					36	39	19.63
					75	0	19.58
			21375	2562.5	1	0	20.78
					1	38	20.52
					1	74	20.48
					36	0	19.53
					36	18	19.52
					36	39	19.48
					75	0	19.43

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Burst Average Power (dBm)
					Size	Offset	
LTE Band 7	20MHz	QPSK	20850	2510.0	1	0	21.69
					1	49	21.61
					1	99	21.20
					50	0	20.59
					50	25	20.58
					50	50	20.47
					100	0	20.45
			21100	2535.0	1	0	21.52
					1	49	21.50
					1	99	21.30
					50	0	20.69
					50	25	20.66
					50	50	20.65
					100	0	20.56
			21350	2560.0	1	0	21.41
					1	49	21.38
					1	99	21.08
					50	0	20.57
					50	25	20.49
					50	50	20.44
					100	0	20.30
		16QAM	20850	2510.0	1	0	20.95
					1	49	20.85
					1	99	20.39
					50	0	19.52
					50	25	19.50
					50	50	19.48
					100	0	19.33
			21100	2535.0	1	0	20.95
					1	49	20.74
					1	99	20.54
					50	0	19.70
					50	25	19.68
					50	50	19.60
					100	0	19.56
			21350	2560.0	1	0	20.73
					1	49	20.69
					1	99	20.38
					50	0	19.53
					50	25	19.49
					50	50	19.47
					100	0	19.32

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Burst Average Power (dBm)
					Size	Offset	
LTE Band 13	5 MHz	QPSK	23205	779.5	1	0	23.07
					1	12	22.86
					1	24	22.59
					12	0	21.38
					12	6	21.27
					12	13	21.22
					25	0	21.17
			23230	782.0	1	0	23.05
					1	12	22.87
					1	24	22.66
					12	0	21.25
					12	6	21.22
					12	13	21.21
					25	0	21.11
			23255	784.5	1	0	23.03
					1	12	22.75
					1	24	22.74
					12	0	21.45
					12	6	21.43
					12	13	21.30
					25	0	21.25
		16QAM	23205	779.5	1	0	22.19
					1	12	22.13
					1	24	21.90
					12	0	20.49
					12	6	20.34
					12	13	20.31
					25	0	20.13
			23230	782.0	1	0	22.17
					1	12	22.06
					1	24	22.03
					12	0	20.41
					12	6	20.33
					12	13	20.27
					25	0	20.09
			23255	784.5	1	0	22.23
					1	12	22.01
					1	24	21.94
					12	0	20.68
					12	6	20.47
					12	13	20.44
					25	0	20.37

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		With CA power Pcc:B13			
					Size	Offset	Scc:B2 (5M)	Scc:B2 (10M)	Scc:B2 (15M)	Scc:B2 (20M)
LTE Band 13	5 MHz	QPSK	23205	779.5	1	0	N/A	N/A	N/A	N/A
					1	12				
					1	24				
					12	0				
					12	6				
					12	13				
					25	0				
			23230	782.0	1	0				
					1	12				
					1	24				
					12	0				
					12	6				
					12	13				
					25	0				
			23255	784.5	1	0				
					1	12				
					1	24				
					12	0				
					12	6				
					12	13				
					25	0				
		16QAM	23205	779.5	1	0				
					1	12				
					1	24				
					12	0				
					12	6				
					12	13				
					25	0				
			23230	782.0	1	0				
					1	12				
					1	24				
					12	0				
					12	6				
					12	13				
					25	0				
			23255	784.5	1	0				
					1	12				
					1	24				
					12	0				
					12	6				
					12	13				
					25	0				

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		With CA power Pcc:B13			
					Size	Offset	Scc:B4 (5M)	Scc:B4 (10M)	Scc:B4 (15M)	Scc:B4 (20M)
LTE Band 13	5 MHz	QPSK	23205	779.5	1	0	N/A	N/A	N/A	N/A
					1	12				
					1	24				
					12	0				
					12	6				
					12	13				
					25	0				
			23230	782.0	1	0				
					1	12				
					1	24				
					12	0				
					12	6				
					12	13				
					25	0				
			23255	784.5	1	0				
					1	12				
					1	24				
					12	0				
					12	6				
					12	13				
					25	0				
		16QAM	23205	779.5	1	0				
					1	12				
					1	24				
					12	0				
					12	6				
					12	13				
					25	0				
			23230	782.0	1	0				
					1	12				
					1	24				
					12	0				
					12	6				
					12	13				
					25	0				
			23255	784.5	1	0				
					1	12				
					1	24				
					12	0				
					12	6				
					12	13				
					25	0				

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Burst Average Power (dBm)
					Size	Offset	
LTE Band 13	10 MHz	QPSK	23230	782.0	1	0	23.03
					1	24	22.92
					1	49	22.84
					25	0	22.83
					25	12	22.79
					25	25	22.72
					50	0	22.70
		16QAM	23230	782.0	1	0	22.34
					1	24	22.08
					1	49	22.06
					25	0	21.96
					25	12	21.92
					25	25	21.89
					50	0	21.84

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		With CA power Pcc:B13			
					Size	Offset	Scc:B2 (5M)	Scc:B2 (10M)	Scc:B2 (15M)	Scc:B2 (20M)
LTE Band 13	10MHz	QPSK	23230	782.0	1	0	23.01	23.02	23.01	23.03
					1	24	22.88	22.91	22.90	22.91
					1	49	22.80	22.83	22.84	22.82
					25	0	22.82	22.83	22.83	22.81
					25	12	22.78	22.76	22.76	22.74
					25	25	22.71	22.71	22.70	22.69
					50	0	22.69	22.70	22.68	22.65
		16QAM	23230	782.0	1	0	22.31	22.31	22.31	22.34
					1	24	22.05	22.05	22.04	22.05
					1	49	22.06	22.03	22.03	22.03
					25	0	21.95	21.92	21.94	21.91
					25	12	21.91	21.91	21.89	21.92
					25	25	21.84	21.88	21.87	21.86
					50	0	21.83	21.82	21.84	21.84
Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		With CA power Pcc:B13			
					Size	Offset	Scc:B4 (5M)	Scc:B4 (10M)	Scc:B4 (15M)	Scc:B4 (20M)
LTE Band 13	10MHz	QPSK	23230	782.0	1	0	23.01	23.03	23.02	23.00
					1	24	22.89	22.91	22.89	22.91
					1	49	22.80	22.82	22.83	22.84
					25	0	22.82	22.80	22.79	22.81
					25	12	22.77	22.76	22.77	22.76
					25	25	22.71	22.70	22.71	22.69
					50	0	22.70	22.69	22.67	22.68
		16QAM	23230	782.0	1	0	22.32	22.31	22.31	22.33
					1	24	22.04	22.06	22.07	22.04
					1	49	22.03	22.02	22.03	22.04
					25	0	21.92	21.93	21.92	21.93
					25	12	21.91	21.90	21.91	21.90
					25	25	21.88	21.89	21.87	21.87
					50	0	21.82	21.83	21.81	21.83

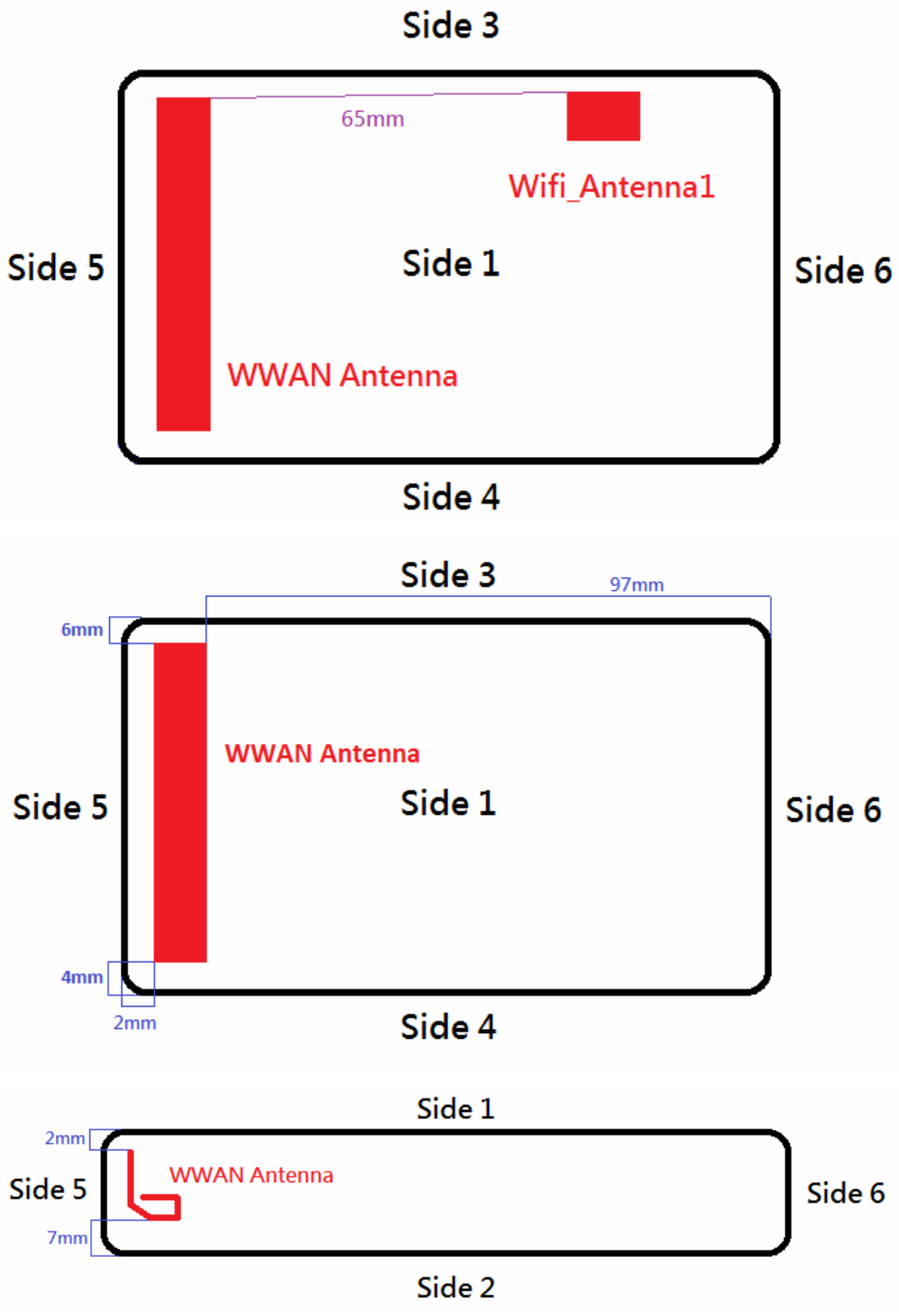
Band	Data Rate	CH	Frequency (MHz)	Average Power (dBm)		
				ANT-1	ANT-2	ANT-1+2
IEEE 802.11b	1 M	1	2412.0	8.51	8.57	---
		6	2437.0	9.77	7.95	---
		11	2462.0	9.90	8.55	---
	2 M	6	2437.0	9.73	7.93	---
	5.5 M	6	2437.0	9.75	7.92	---
	11 M	6	2437.0	9.76	7.94	---
IEEE 802.11g	6 M	1	2412.0	9.57	8.23	---
		6	2437.0	9.70	7.91	---
		11	2462.0	9.58	8.15	---
	9 M	6	2437.0	9.66	7.90	---
	12 M	6	2437.0	9.65	7.88	---
	18 M	6	2437.0	9.67	7.81	---
	24 M	6	2437.0	9.20	7.89	---
	36 M	6	2437.0	9.02	7.79	---
	48 M	6	2437.0	9.36	7.75	---
	54 M	6	2437.0	9.37	7.76	---
IEEE 802.11n 20MHz (2.4 GHz)	13 M	1	2412.0	7.47	7.99	10.75
		6	2437.0	7.37	7.57	10.48
		11	2462.0	7.39	7.38	10.40
	26 M	6	2437.0	7.16	7.29	10.24
	39 M	6	2437.0	7.26	7.40	10.34
	52 M	6	2437.0	6.94	7.29	10.13
	78 M	6	2437.0	7.13	7.56	10.36
	104 M	6	2437.0	7.17	7.54	10.37
	117 M	6	2437.0	7.28	7.50	10.40
	130 M	6	2437.0	7.32	7.45	10.40
IEEE 802.11n 40MHz (2.4 GHz)	27 M	3	2422.0	7.35	7.53	10.45
		6	2437.0	7.88	8.04	10.97
		9	2452.0	6.50	6.87	9.70
	54 M	6	2437.0	7.71	7.59	10.66
	81 M	6	2437.0	7.83	7.63	10.74
	108 M	6	2437.0	7.87	7.65	10.77
	162 M	6	2437.0	7.83	7.98	10.92
	216 M	6	2437.0	7.17	7.73	10.47
	243 M	6	2437.0	7.85	7.91	10.89
	270 M	6	2437.0	7.50	7.99	10.76

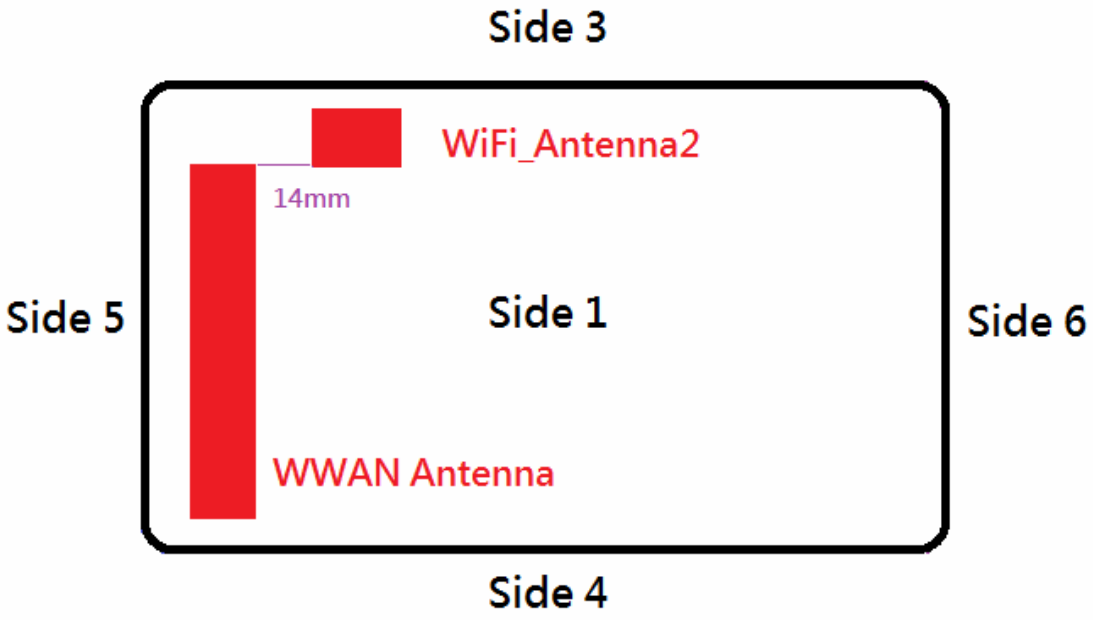
Band	Data Rate	CH	Frequency (MHz)	Average Power (dBm)		
				ANT-1	ANT-2	ANT-1+2
IEEE 802.11a	6 M	36	5180.0	8.25	7.96	---
		40	5200.0	7.93	7.69	---
		44	5220.0	7.62	7.37	---
		48	5240.0	7.81	7.51	---
		149	5745.0	6.48	6.19	---
		153	5765.0	6.59	6.35	---
		157	5785.0	6.44	6.18	---
		161	5805.0	6.40	6.10	---
		165	5825.0	6.29	6.04	---
	54 M	36	5180.0	7.51	7.22	---
		40	5200.0	7.21	6.99	---
		44	5220.0	6.87	6.63	---
		48	5240.0	7.07	6.77	---
		149	5745.0	5.73	5.44	---
		153	5765.0	5.81	5.59	---
		157	5785.0	5.71	5.47	---
		161	5805.0	5.61	5.31	---
		165	5825.0	5.53	5.23	---
IEEE 802.11n 20MHz (5G)	13 M	36	5180.0	8.20	7.83	11.03
		40	5200.0	8.23	7.89	11.07
		44	5220.0	7.67	7.24	10.47
		149	5745.0	6.06	6.12	9.10
		153	5765.0	6.03	6.01	9.03
		157	5785.0	6.30	6.22	9.27
		161	5805.0	6.32	6.20	9.27
		165	5825.0	6.11	6.04	9.09
	130 M	36	5180.0	8.12	7.79	10.97
		40	5200.0	8.17	7.85	11.02
		44	5220.0	7.60	7.22	10.42
		149	5745.0	5.92	5.68	8.81
		153	5765.0	5.87	5.57	8.73
		157	5785.0	6.09	5.79	8.95
		161	5805.0	6.17	5.88	9.04
		165	5825.0	5.53	5.21	8.38
IEEE 802.11n 40MHz (5G)	27 M	38	5190.0	7.92	7.49	10.72
		46	5230.0	7.50	7.20	10.36
		151	5755.0	6.34	6.04	9.20
		159	5795.0	6.50	6.25	9.39
	270 M	38	5190.0	7.83	7.41	10.64
		46	5230.0	7.39	7.09	10.25
		151	5755.0	6.26	5.97	9.13
		159	5795.0	6.35	6.13	9.25
IEEE 802.11ac 80MHz (5 GHz)	58.6 M	42	5210.0	8.25	7.93	11.10
		155	5775.0	6.17	6.02	9.11
	780 M	42	5210.0	7.42	7.06	10.25
		155	5775.0	6.10	5.72	8.92

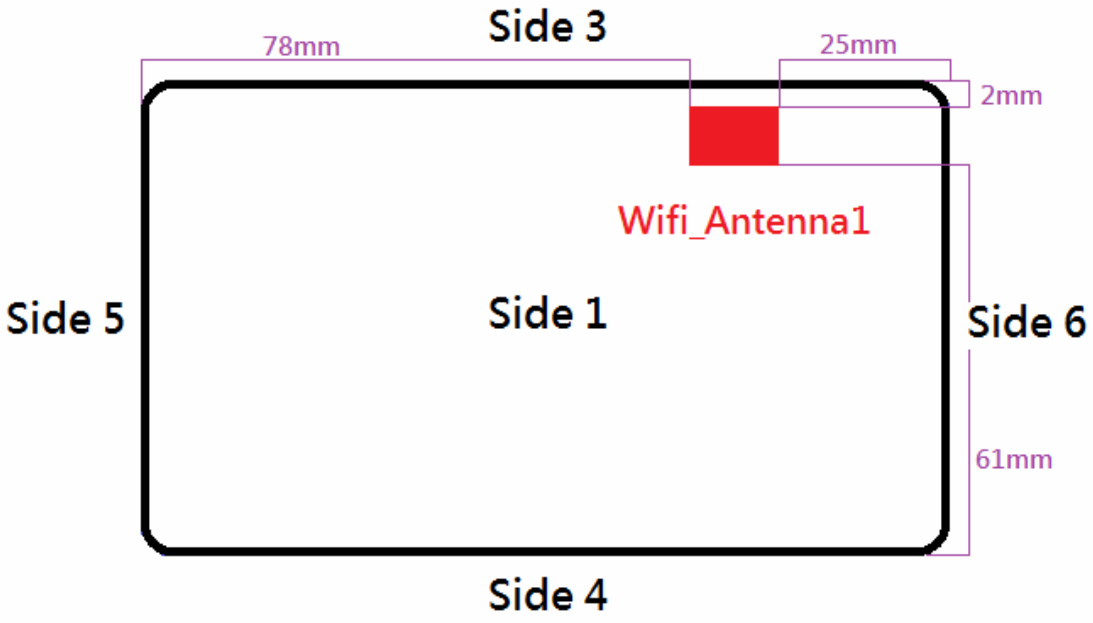
6.10 Antenna location

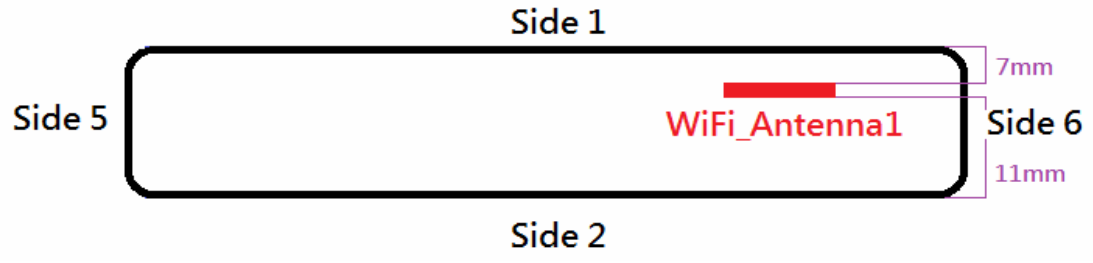
Antenna-User					
Distance of WWAN to edge		Distance of WLAN_Antenna 1 to edge		Distance of WLAN_Antenna 2 to edge	
WWAN to Side 1	2mm	WLAN to Side 1	7mm	WLAN to Side 1	7mm
WWAN to Side 2	7mm	WLAN to Side 2	11mm	WLAN to Side 2	11mm
WWAN to Side 3	6mm	WLAN to Side 3	2mm	WLAN to Side 3	2mm
WWAN to Side 4	4mm	WLAN to Side 4	61mm	WLAN to Side 4	61mm
WWAN to Side 5	2mm	WLAN to Side 5	78mm	WLAN to Side 5	25mm
WWAN to Side 6	97mm	WLAN to Side 6	25mm	WLAN to Side 6	76mm

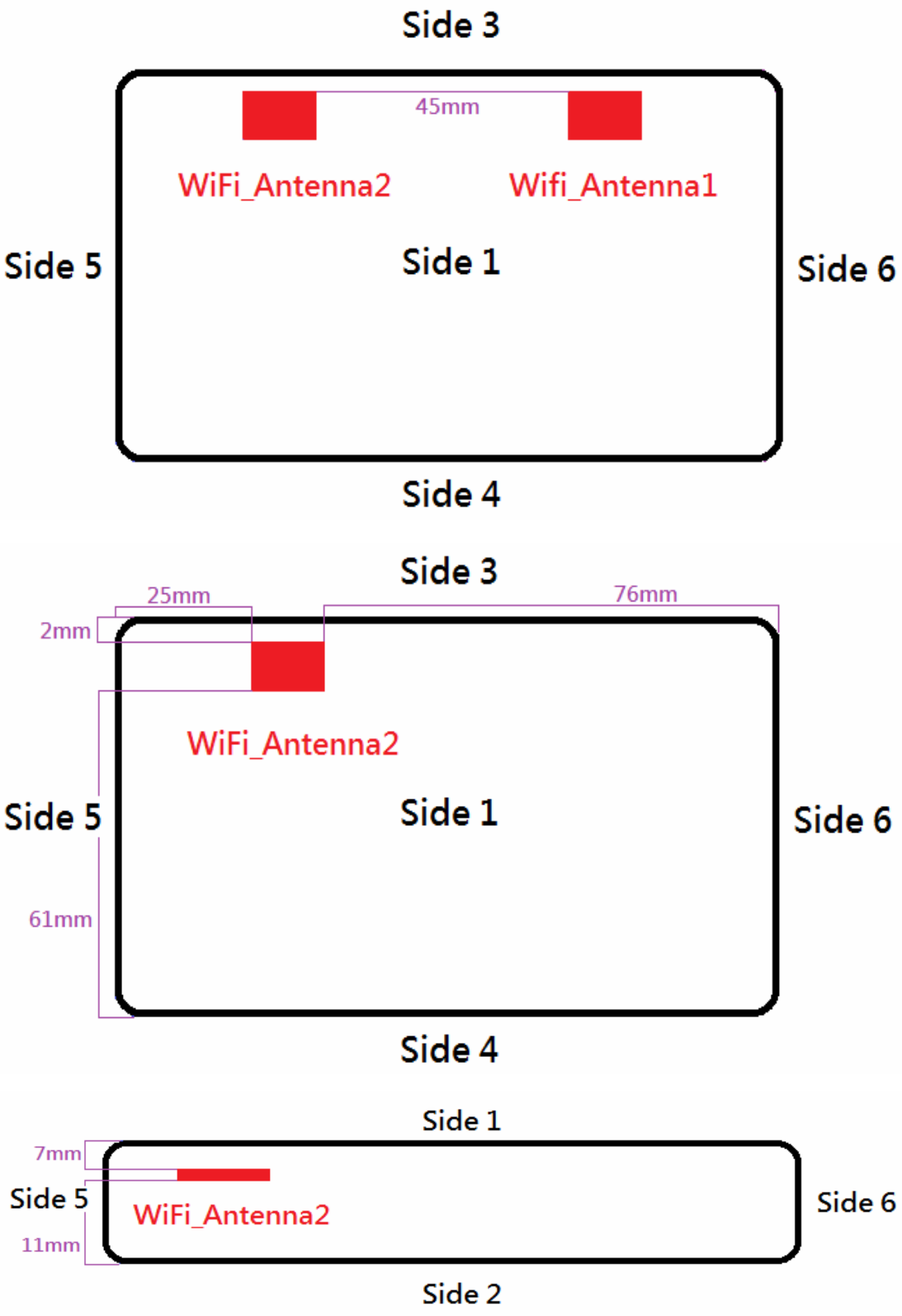
Antenna-Antenna	
Antenna account	Distance
WWAN to WLAN_Antenna1	65mm
WWAN to WLAN_Antenna2	14mm
WLAN_Antenna1 to WLAN_Antenna2	45mm


Side 3
65mm
Wifi_Antenna1
Side 5
Side 1
Side 6
WWAN Antenna
Side 4
Side 3
97mm
6mm
WWAN Antenna
Side 5
Side 1
Side 6
4mm
2mm
Side 4
Side 1
2mm
WWAN Antenna
Side 5
Side 6
7mm
Side 2








Side 3
45mm
WiFi_Antenna2
Wifi_Antenna1
Side 5
Side 1
Side 6
Side 4
Side 3
25mm
76mm
2mm
WiFi_Antenna2
Side 5
Side 1
Side 6
61mm
Side 4
Side 1
7mm
Side 5
WiFi_Antenna2
Side 6
11mm
Side 2

6.11 Stand-alone SAR Evaluate

Transmitter and antenna implementation as below:

Band	WWAN Antenna	WLAN Antenna 1	WLAN Antenna 2
WWAN	V	---	---
WLAN	---	V	V

Stand-alone transmission configurations as below:

Band	Side 1	Side 2	Side 3	Side 4	Side 5	Side 6
GPRS 850	V	V	V	V	V	V
GPRS 1900	V	V	V	V	V	V
WCDMA Band II	V	V	V	V	V	---
WCDMA Band V	V	V	V	V	V	---
CDMA 850	V	V	V	V	V	---
1xRTT 850	V	V	V	V	V	---
1xEv-Do 850	V	V	V	V	V	---
CDMA 1900	V	V	V	V	V	---
1xRTT 1900	V	V	V	V	V	---
1xEv-Do 1900	V	V	V	V	V	---
LTE Band 2	V	V	V	V	V	---
LTE Band 4	V	V	V	V	V	---
LTE Band 5	V	V	V	V	V	---
LTE Band 7	V	V	V	V	V	---
LTE Band 13	V	V	V	V	V	---
IEEE 802.11b	V	---	V	---	---	---
IEEE 802.11g	V	---	V	---	---	---
IEEE 802.11n (2.4GHz) 20MHz	V	---	V	---	---	---
IEEE 802.11n (2.4GHz) 40MHz	V	---	V	---	---	---
IEEE 802.11a	V	---	V	---	---	---
IEEE 802.11n (5GHz) 20 MHz	V	---	V	---	---	---
IEEE 802.11n (5GHz) 40 MHz	V	---	V	---	---	---
IEEE 802.11ac (5GHz) 80 MHz	V	---	V	---	---	---

Note: The "-" on behalf of Stand-alone SAR is not required (Refer to KDB447498 D01 v05r02 4.3.1 for the Standalone SAR test exclusion considerations)

≤ 50 mm										
Antenna	Side	Band	Channel	Power (dBm)	Frequency (GHz)	Distance (mm)	Power (mW)	Result	Limit	Exclusion Considerations SAR[1g]
WWAN Antenna	1	GPRS 850	190	32	0.837	5	1585	289.9	3	SAR is required
		GPRS 1900	661	30	1.880	5	1000	274.2	3	SAR is required
		WCDMA Band II	9400	24	1.880	5	251	68.8	3	SAR is required
		WCDMA Band V	4183	24	0.837	5	251	45.9	3	SAR is required
		CDMA 850	384	25	0.837	5	316	57.8	3	SAR is required
		1xRTT 850	384	25	0.837	5	316	57.8	3	SAR is required
		1xEv-Do 850	384	25	0.837	5	316	57.8	3	SAR is required
		CDMA 1900	600	25	1.880	5	316	86.7	3	SAR is required
		1xRTT 1900	600	25	1.880	5	316	86.7	3	SAR is required
		1xEv-Do 1900	600	25	1.880	5	316	86.7	3	SAR is required
		LTE Band 2	18900	24	1.880	5	251	68.8	3	SAR is required
		LTE Band 4	20175	24	1.733	5	251	66.1	3	SAR is required
		LTE Band 5	20525	24	0.837	5	251	45.9	3	SAR is required
		LTE Band 7	21100	23	2.535	5	200	63.7	3	SAR is required
		LTE Band 13	23230	24	0.782	5	251	44.4	3	SAR is required
WLAN Antenna 1		IEEE 802.11b	11	10	2.462	7	10	2.2	3	SAR is not required
		IEEE 802.11g	6	10	2.437	7	10	2.2	3	SAR is not required
		IEEE 802.11n (2.4GHz) 20MHz	1	9	2.412	7	8	1.8	3	SAR is not required
		IEEE 802.11n (2.4GHz) 40MHz	6	8.5	2.437	7	7	1.6	3	SAR is not required
		IEEE 802.11a	36	9	5.180	7	8	2.6	3	SAR is not required
		IEEE 802.11a	40	9	5.200	7	8	2.6	3	SAR is not required
		IEEE 802.11a	149	8	5.745	7	6	2.1	3	SAR is not required
		IEEE 802.11a	153	8	5.765	7	6	2.1	3	SAR is not required
		IEEE 802.11n (5GHz) 20 MHz	36	9	5.180	7	8	2.6	3	SAR is not required
		IEEE 802.11n (5GHz) 20 MHz	40	9	5.200	7	8	2.6	3	SAR is not required
		IEEE 802.11n (5GHz) 20 MHz	157	8	5.785	7	6	2.1	3	SAR is not required
		IEEE 802.11n (5GHz) 20 MHz	161	8	5.805	7	6	2.1	3	SAR is not required
		IEEE 802.11n (5GHz) 40 MHz	38	9	5.190	7	8	2.6	3	SAR is not required
		IEEE 802.11n (5GHz) 40 MHz	46	9	5.230	7	8	2.6	3	SAR is not required
		IEEE 802.11n (5GHz) 40 MHz	151	8	5.755	7	6	2.1	3	SAR is not required
		IEEE 802.11n (5GHz) 40 MHz	159	8	5.795	7	6	2.1	3	SAR is not required
		IEEE 802.11ac (5GHz) 80 MHz	42	9	5.210	7	8	2.6	3	SAR is not required
		IEEE 802.11ac (5GHz) 80 MHz	155	8	5.775	7	6	2.1	3	SAR is not required

≤ 50 mm										
Antenna	Side	Band	Channel	Power (dBm)	Frequency (GHz)	Distance (mm)	Power (mW)	Result	Limit	Exclusion Considerations SAR1g
WLAN Antenna 2	1	IEEE 802.11b	1	9.5	2.412	7	9	2.0	3	SAR is not required
		IEEE 802.11g	1	9.5	2.412	7	9	2.0	3	SAR is not required
		IEEE 802.11n (2.4GHz) 20MHz	1	9	2.412	7	8	1.8	3	SAR is not required
		IEEE 802.11n (2.4GHz) 40MHz	6	8.5	2.437	7	7	1.6	3	SAR is not required
		IEEE 802.11a	36	9	5.180	7	8	2.6	3	SAR is not required
		IEEE 802.11a	40	9	5.200	7	8	2.6	3	SAR is not required
		IEEE 802.11a	149	8	5.745	7	6	2.1	3	SAR is not required
		IEEE 802.11a	153	8	5.765	7	6	2.1	3	SAR is not required
		IEEE 802.11n (5GHz) 20 MHz	36	9	5.180	7	8	2.6	3	SAR is not required
		IEEE 802.11n (5GHz) 20 MHz	40	9	5.200	7	8	2.6	3	SAR is not required
		IEEE 802.11n (5GHz) 20 MHz	157	8	5.785	7	6	2.1	3	SAR is not required
		IEEE 802.11n (5GHz) 20 MHz	161	8	5.805	7	6	2.1	3	SAR is not required
		IEEE 802.11n (5GHz) 40 MHz	38	9	5.190	7	8	2.6	3	SAR is not required
		IEEE 802.11n (5GHz) 40 MHz	46	9	5.230	7	8	2.6	3	SAR is not required
		IEEE 802.11n (5GHz) 40 MHz	151	8	5.755	7	6	2.1	3	SAR is not required
		IEEE 802.11n (5GHz) 40 MHz	159	8	5.795	7	6	2.1	3	SAR is not required
		IEEE 802.11ac (5GHz) 80 MHz	42	9	5.210	7	8	2.6	3	SAR is not required
		IEEE 802.11ac (5GHz) 80 MHz	155	8	5.775	7	6	2.1	3	SAR is not required

≤ 50 mm										
Antenna	Side	Band	Channel	Power (dBm)	Frequency (GHz)	Distance (mm)	Power (mW)	Result	Limit	Exclusion Considerations SAR1g
WWAN Antenna	2	GPRS 850	190	32	0.837	7	1585	207.1	3	SAR is required
		GPRS 1900	661	30	1.880	7	1000	195.9	3	SAR is required
		WCDMA Band II	9400	24	1.880	7	251	49.2	3	SAR is required
		WCDMA Band V	4183	24	0.837	7	251	32.8	3	SAR is required
		CDMA 850	384	25	0.837	7	316	41.3	3	SAR is required
		1xRTT 850	384	25	0.837	7	316	41.3	3	SAR is required
		1xEv-Do 850	384	25	0.837	7	316	41.3	3	SAR is required
		CDMA 1900	600	25	1.880	7	316	61.9	3	SAR is required
		1xRTT 1900	600	25	1.880	7	316	61.9	3	SAR is required
		1xEv-Do 1900	600	25	1.880	7	316	61.9	3	SAR is required
		LTE Band 2	18900	24	1.880	7	251	49.2	3	SAR is required
		LTE Band 4	20175	24	1.733	7	251	47.2	3	SAR is required
		LTE Band 5	20525	24	0.837	7	251	32.8	3	SAR is required
		LTE Band 7	21100	23	2.535	7	200	45.5	3	SAR is required
		LTE Band 13	23230	24	0.782	7	251	31.7	3	SAR is required

≤ 50 mm										
Antenna	Side	Band	Channel	Power (dBm)	Frequency (GHz)	Distance (mm)	Power (mW)	Result	Limit	Exclusion Considerations SAR1g
WLAN Antenna 1	2	IEEE 802.11b	11	10	2.462	11	10	1.4	3	SAR is not required
		IEEE 802.11g	6	10	2.437	11	10	1.4	3	SAR is not required
		IEEE 802.11n (2.4GHz) 20MHz	1	9	2.412	11	8	1.1	3	SAR is not required
		IEEE 802.11n (2.4GHz) 40MHz	6	8.5	2.437	11	7	1.0	3	SAR is not required
		IEEE 802.11a	36	9	5.180	11	8	1.7	3	SAR is not required
		IEEE 802.11a	40	9	5.200	11	8	1.7	3	SAR is not required
		IEEE 802.11a	149	8	5.745	11	6	1.3	3	SAR is not required
		IEEE 802.11a	153	8	5.765	11	6	1.3	3	SAR is not required
		IEEE 802.11n (5GHz) 20 MHz	36	9	5.180	11	8	1.7	3	SAR is not required
		IEEE 802.11n (5GHz) 20 MHz	40	9	5.200	11	8	1.7	3	SAR is not required
		IEEE 802.11n (5GHz) 20 MHz	157	8	5.785	11	6	1.3	3	SAR is not required
		IEEE 802.11n (5GHz) 20 MHz	161	8	5.805	11	6	1.3	3	SAR is not required
		IEEE 802.11n (5GHz) 40 MHz	38	9	5.190	11	8	1.7	3	SAR is not required
		IEEE 802.11n (5GHz) 40 MHz	46	9	5.230	11	8	1.7	3	SAR is not required
		IEEE 802.11n (5GHz) 40 MHz	151	8	5.755	11	6	1.3	3	SAR is not required
		IEEE 802.11n (5GHz) 40 MHz	159	8	5.795	11	6	1.3	3	SAR is not required
		IEEE 802.11ac (5GHz) 80 MHz	42	9	5.210	11	8	1.7	3	SAR is not required
		IEEE 802.11ac (5GHz) 80 MHz	155	8	5.775	11	6	1.3	3	SAR is not required

≤ 50 mm										
Antenna	Side	Band	Channel	Power (dBm)	Frequency (GHz)	Distance (mm)	Power (mW)	Result	Limit	Exclusion Considerations SAR1g
WLAN Antenna 2	2	IEEE 802.11b	1	9.5	2.412	11	9	1.3	3	SAR is not required
		IEEE 802.11g	1	9.5	2.412	11	9	1.3	3	SAR is not required
		IEEE 802.11n (2.4GHz) 20MHz	1	9	2.412	11	8	1.1	3	SAR is not required
		IEEE 802.11n (2.4GHz) 40MHz	6	8.5	2.437	11	7	1.0	3	SAR is not required
		IEEE 802.11a	36	9	5.180	11	8	1.7	3	SAR is not required
		IEEE 802.11a	40	9	5.200	11	8	1.7	3	SAR is not required
		IEEE 802.11a	149	8	5.745	11	6	1.3	3	SAR is not required
		IEEE 802.11a	153	8	5.765	11	6	1.3	3	SAR is not required
		IEEE 802.11n (5GHz) 20 MHz	36	9	5.180	11	8	1.7	3	SAR is not required
		IEEE 802.11n (5GHz) 20 MHz	40	9	5.200	11	8	1.7	3	SAR is not required
		IEEE 802.11n (5GHz) 20 MHz	157	8	5.785	11	6	1.3	3	SAR is not required
		IEEE 802.11n (5GHz) 20 MHz	161	8	5.805	11	6	1.3	3	SAR is not required
		IEEE 802.11n (5GHz) 40 MHz	38	9	5.190	11	8	1.7	3	SAR is not required
		IEEE 802.11n (5GHz) 40 MHz	46	9	5.230	11	8	1.7	3	SAR is not required
		IEEE 802.11n (5GHz) 40 MHz	151	8	5.755	11	6	1.3	3	SAR is not required
		IEEE 802.11n (5GHz) 40 MHz	159	8	5.795	11	6	1.3	3	SAR is not required
		IEEE 802.11ac (5GHz) 80 MHz	42	9	5.210	11	8	1.7	3	SAR is not required
		IEEE 802.11ac (5GHz) 80 MHz	155	8	5.775	11	6	1.3	3	SAR is not required

≤ 50 mm										
Antenna	Side	Band	Channel	Power (dBm)	Frequency (GHz)	Distance (mm)	Power (mW)	Result	Limit	Exclusion Considerations SAR1g
WWAN Antenna	3	GPRS 850	190	32	0.837	6	1585	241.6	3	SAR is required
		GPRS 1900	661	30	1.880	6	1000	228.5	3	SAR is required
		WCDMA Band II	9400	24	1.880	6	251	57.4	3	SAR is required
		WCDMA Band V	4183	24	0.837	6	251	38.3	3	SAR is required
		CDMA 850	384	25	0.837	6	316	48.2	3	SAR is required
		1xRTT 850	384	25	0.837	6	316	48.2	3	SAR is required
		1xEv-Do 850	384	25	0.837	6	316	48.2	3	SAR is required
		CDMA 1900	600	25	1.880	6	316	72.2	3	SAR is required
		1xRTT 1900	600	25	1.880	6	316	72.2	3	SAR is required
		1xEv-Do 1900	600	25	1.880	6	316	72.2	3	SAR is required
		LTE Band 2	18900	24	1.880	6	251	57.4	3	SAR is required
		LTE Band 4	20175	24	1.733	6	251	55.1	3	SAR is required
		LTE Band 5	20525	24	0.837	6	251	38.3	3	SAR is required
		LTE Band 7	21100	23	2.535	6	200	53.1	3	SAR is required
		LTE Band 13	23230	24	0.782	6	251	37.0	3	SAR is required

≤ 50 mm										
Antenna	Side	Band	Channel	Power (dBm)	Frequency (GHz)	Distance (mm)	Power (mW)	Result	Limit	Exclusion Considerations SAR1g
WLAN Antenna 1	3	IEEE 802.11b	11	10	2.462	5	10	3.1	3	SAR is required
		IEEE 802.11g	6	10	2.437	5	10	3.1	3	SAR is required
		IEEE 802.11n (2.4GHz) 20MHz	1	9	2.412	5	8	2.5	3	SAR is not required
		IEEE 802.11n (2.4GHz) 40MHz	6	8.5	2.437	5	7	2.2	3	SAR is not required
		IEEE 802.11a	36	9	5.180	5	8	3.6	3	SAR is required
		IEEE 802.11a	40	9	5.200	5	8	3.6	3	SAR is required
		IEEE 802.11a	149	8	5.745	5	6	2.9	3	SAR is not required
		IEEE 802.11a	153	8	5.765	5	6	2.9	3	SAR is not required
		IEEE 802.11n (5GHz) 20 MHz	36	9	5.180	5	8	3.6	3	SAR is required
		IEEE 802.11n (5GHz) 20 MHz	40	9	5.200	5	8	3.6	3	SAR is required
		IEEE 802.11n (5GHz) 20 MHz	157	8	5.785	5	6	2.9	3	SAR is not required
		IEEE 802.11n (5GHz) 20 MHz	161	8	5.805	5	6	2.9	3	SAR is not required
		IEEE 802.11n (5GHz) 40 MHz	38	9	5.190	5	8	3.6	3	SAR is required
		IEEE 802.11n (5GHz) 40 MHz	46	9	5.230	5	8	3.7	3	SAR is required
		IEEE 802.11n (5GHz) 40 MHz	151	8	5.755	5	6	2.9	3	SAR is not required
		IEEE 802.11n (5GHz) 40 MHz	159	8	5.795	5	6	2.9	3	SAR is not required
		IEEE 802.11ac (5GHz) 80 MHz	42	9	5.210	5	8	3.7	3	SAR is required
		IEEE 802.11ac (5GHz) 80 MHz	155	8	5.775	5	6	2.9	3	SAR is not required

≤ 50 mm										
Antenna	Side	Band	Channel	Power (dBm)	Frequency (GHz)	Distance (mm)	Power (mW)	Result	Limit	Exclusion Considerations SAR1g
WLAN Antenna 2	3	IEEE 802.11b	1	9.5	2.412	5	9	2.8	3	SAR is not required
		IEEE 802.11g	1	9.5	2.412	5	9	2.8	3	SAR is not required
		IEEE 802.11n (2.4GHz) 20MHz	1	9	2.412	5	8	2.5	3	SAR is not required
		IEEE 802.11n (2.4GHz) 40MHz	6	8.5	2.437	5	7	2.2	3	SAR is not required
		IEEE 802.11a	36	9	5.180	5	8	3.6	3	SAR is required
		IEEE 802.11a	40	9	5.200	5	8	3.6	3	SAR is required
		IEEE 802.11a	149	8	5.745	5	6	2.9	3	SAR is not required
		IEEE 802.11a	153	8	5.765	5	6	2.9	3	SAR is not required
		IEEE 802.11n (5GHz) 20 MHz	36	9	5.180	5	8	3.6	3	SAR is required
		IEEE 802.11n (5GHz) 20 MHz	40	9	5.200	5	8	3.6	3	SAR is required
		IEEE 802.11n (5GHz) 20 MHz	157	8	5.785	5	6	2.9	3	SAR is not required
		IEEE 802.11n (5GHz) 20 MHz	161	8	5.805	5	6	2.9	3	SAR is not required
		IEEE 802.11n (5GHz) 40 MHz	38	9	5.190	5	8	3.6	3	SAR is required
		IEEE 802.11n (5GHz) 40 MHz	46	9	5.230	5	8	3.7	3	SAR is required
		IEEE 802.11n (5GHz) 40 MHz	151	8	5.755	5	6	2.9	3	SAR is not required
		IEEE 802.11n (5GHz) 40 MHz	159	8	5.795	5	6	2.9	3	SAR is not required
		IEEE 802.11ac (5GHz) 80 MHz	42	9	5.210	5	8	3.7	3	SAR is required
		IEEE 802.11ac (5GHz) 80 MHz	155	8	5.775	5	6	2.9	3	SAR is not required

≤ 50 mm										
Antenna	Side	Band	Channel	Power (dBm)	Frequency (GHz)	Distance (mm)	Power (mW)	Result	Limit	Exclusion Considerations SAR1g
WWAN Antenna	4	GPRS 850	190	32	0.837	5	1585	289.9	3	SAR is required
		GPRS 1900	661	30	1.880	5	1000	274.2	3	SAR is required
		WCDMA Band II	9400	24	1.880	5	251	68.8	3	SAR is required
		WCDMA Band V	4183	24	0.837	5	251	45.9	3	SAR is required
		CDMA 850	384	25	0.837	5	316	57.8	3	SAR is required
		1xRTT 850	384	25	0.837	5	316	57.8	3	SAR is required
		1xEv-Do 850	384	25	0.837	5	316	57.8	3	SAR is required
		CDMA 1900	600	25	1.880	5	316	86.7	3	SAR is required
		1xRTT 1900	600	25	1.880	5	316	86.7	3	SAR is required
		1xEv-Do 1900	600	25	1.880	5	316	86.7	3	SAR is required
		LTE Band 2	18900	24	1.880	5	251	68.8	3	SAR is required
		LTE Band 4	20175	24	1.733	5	251	66.1	3	SAR is required
		LTE Band 5	20525	24	0.837	5	251	45.9	3	SAR is required
		LTE Band 7	21100	23	2.535	5	200	63.7	3	SAR is required
		LTE Band 13	23230	24	0.782	5	251	44.4	3	SAR is required

≤ 50 mm										
Antenna	Side	Band	Channel	Power (dBm)	Frequency (GHz)	Distance (mm)	Power (mW)	Result	Limit	Exclusion Considerations SAR1g
WWAN Antenna	5	GPRS 850	190	32	0.837	5	1585	289.9	3	SAR is required
		GPRS 1900	661	30	1.880	5	1000	274.2	3	SAR is required
		WCDMA Band II	9400	24	1.880	5	251	68.8	3	SAR is required
		WCDMA Band V	4183	24	0.837	5	251	45.9	3	SAR is required
		CDMA 850	384	25	0.837	5	316	57.8	3	SAR is required
		1xRTT 850	384	25	0.837	5	316	57.8	3	SAR is required
		1xEv-Do 850	384	25	0.837	5	316	57.8	3	SAR is required
		CDMA 1900	600	25	1.880	5	316	86.7	3	SAR is required
		1xRTT 1900	600	25	1.880	5	316	86.7	3	SAR is required
		1xEv-Do 1900	600	25	1.880	5	316	86.7	3	SAR is required
		LTE Band 2	18900	24	1.880	5	251	68.8	3	SAR is required
		LTE Band 4	20175	24	1.733	5	251	66.1	3	SAR is required
		LTE Band 5	20525	24	0.837	5	251	45.9	3	SAR is required
		LTE Band 7	21100	23	2.535	5	200	63.7	3	SAR is required
		LTE Band 13	23230	24	0.782	5	251	44.4	3	SAR is required

≤ 50 mm										
Antenna	Side	Band	Channel	Power (dBm)	Frequency (GHz)	Distance (mm)	Power (mW)	Result	Limit	Exclusion Considerations SAR1g
WLAN Antenna 2	5	IEEE 802.11b	1	9.5	2.412	25	9	0.6	3	SAR is not required
		IEEE 802.11g	1	9.5	2.412	25	9	0.6	3	SAR is not required
		IEEE 802.11n (2.4GHz) 20MHz	1	9	2.412	25	8	0.5	3	SAR is not required
		IEEE 802.11n (2.4GHz) 40MHz	6	8.5	2.437	25	7	0.4	3	SAR is not required
		IEEE 802.11a	36	9	5.180	25	8	0.7	3	SAR is not required
		IEEE 802.11a	40	9	5.200	25	8	0.7	3	SAR is not required
		IEEE 802.11a	149	8	5.745	25	6	0.6	3	SAR is not required
		IEEE 802.11a	153	8	5.765	25	6	0.6	3	SAR is not required
		IEEE 802.11n (5GHz) 20 MHz	36	9	5.180	25	8	0.7	3	SAR is not required
		IEEE 802.11n (5GHz) 20 MHz	40	9	5.200	25	8	0.7	3	SAR is not required
		IEEE 802.11n (5GHz) 20 MHz	157	8	5.785	25	6	0.6	3	SAR is not required
		IEEE 802.11n (5GHz) 20 MHz	161	8	5.805	25	6	0.6	3	SAR is not required
		IEEE 802.11n (5GHz) 40 MHz	38	9	5.190	25	8	0.7	3	SAR is not required
		IEEE 802.11n (5GHz) 40 MHz	46	9	5.230	25	8	0.7	3	SAR is not required
		IEEE 802.11n (5GHz) 40 MHz	151	8	5.755	25	6	0.6	3	SAR is not required
		IEEE 802.11n (5GHz) 40 MHz	159	8	5.795	25	6	0.6	3	SAR is not required
		IEEE 802.11ac (5GHz) 80 MHz	42	9	5.210	25	8	0.7	3	SAR is not required
		IEEE 802.11ac (5GHz) 80 MHz	155	8	5.775	25	6	0.6	3	SAR is not required

≤ 50 mm										
Antenna	Side	Band	Channel	Power (dBm)	Frequency (GHz)	Distance (mm)	Power (mW)	Result	Limit	Exclusion Considerations SAR1g
WLAN Antenna 1	6	IEEE 802.11b	11	10	2.462	25	10	0.6	3	SAR is not required
		IEEE 802.11g	6	10	2.437	25	10	0.6	3	SAR is not required
		IEEE 802.11n (2.4GHz) 20MHz	1	9	2.412	25	8	0.5	3	SAR is not required
		IEEE 802.11n (2.4GHz) 40MHz	6	8.5	2.437	25	7	0.4	3	SAR is not required
		IEEE 802.11a	36	9	5.180	25	8	0.7	3	SAR is not required
		IEEE 802.11a	40	9	5.200	25	8	0.7	3	SAR is not required
		IEEE 802.11a	149	8	5.745	25	6	0.6	3	SAR is not required
		IEEE 802.11a	153	8	5.765	25	6	0.6	3	SAR is not required
		IEEE 802.11n (5GHz) 20 MHz	36	9	5.180	25	8	0.7	3	SAR is not required
		IEEE 802.11n (5GHz) 20 MHz	40	9	5.200	25	8	0.7	3	SAR is not required
		IEEE 802.11n (5GHz) 20 MHz	157	8	5.785	25	6	0.6	3	SAR is not required
		IEEE 802.11n (5GHz) 20 MHz	161	8	5.805	25	6	0.6	3	SAR is not required
		IEEE 802.11n (5GHz) 40 MHz	38	9	5.190	25	8	0.7	3	SAR is not required
		IEEE 802.11n (5GHz) 40 MHz	46	9	5.230	25	8	0.7	3	SAR is not required
		IEEE 802.11n (5GHz) 40 MHz	151	8	5.755	25	6	0.6	3	SAR is not required
		IEEE 802.11n (5GHz) 40 MHz	159	8	5.795	25	6	0.6	3	SAR is not required
		IEEE 802.11ac (5GHz) 80 MHz	42	9	5.210	25	8	0.7	3	SAR is not required
		IEEE 802.11ac (5GHz) 80 MHz	155	8	5.775	25	6	0.6	3	SAR is not required

Note: The test reduction for distance less than 50mm. Use the max power to make sure minimum distance by evaluated for SAR testing.

> 50 mm <200mm									
Antenna	Side	Band	Channel	Power (dBm)	Frequency (GHz)	Distance (mm)	Power (mW)	Power Thresholds SAR[1g] (mW)	Exclusion Considerations SAR[1g]
WLAN Antenna 1	4	IEEE 802.11b	11	10	2.462	61	10	206	SAR is not required
		IEEE 802.11g	6	10	2.437	61	10	206	SAR is not required
		IEEE 802.11n (2.4GHz) 20MHz	1	9	2.412	61	8	207	SAR is not required
		IEEE 802.11n (2.4GHz) 40MHz	6	8.5	2.437	61	7	206	SAR is not required
		IEEE 802.11a	36	9	5.180	61	8	176	SAR is not required
		IEEE 802.11a	40	9	5.200	61	8	176	SAR is not required
		IEEE 802.11a	149	8	5.745	61	6	173	SAR is not required
		IEEE 802.11a	153	8	5.765	61	6	172	SAR is not required
		IEEE 802.11n (5GHz) 20 MHz	36	9	5.180	61	8	176	SAR is not required
		IEEE 802.11n (5GHz) 20 MHz	40	9	5.200	61	8	176	SAR is not required
		IEEE 802.11n (5GHz) 20 MHz	157	8	5.785	61	6	172	SAR is not required
		IEEE 802.11n (5GHz) 20 MHz	161	8	5.805	61	6	172	SAR is not required
		IEEE 802.11n (5GHz) 40 MHz	38	9	5.190	61	8	176	SAR is not required
		IEEE 802.11n (5GHz) 40 MHz	46	9	5.230	61	8	176	SAR is not required
		IEEE 802.11n (5GHz) 40 MHz	151	8	5.755	61	6	173	SAR is not required
		IEEE 802.11n (5GHz) 40 MHz	159	8	5.795	61	6	172	SAR is not required
		IEEE 802.11ac (5GHz) 80 MHz	42	9	5.210	61	8	176	SAR is not required
		IEEE 802.11ac (5GHz) 80 MHz	155	8	5.775	61	6	172	SAR is not required

> 50 mm <200mm									
Antenna	Side	Band	Channel	Power (dBm)	Frequency (GHz)	Distance (mm)	Power (mW)	Power Thresholds SAR[1g] (mW)	Exclusion Considerations SAR[1g]
WLAN Antenna 2	4	IEEE 802.11b	1	9.5	2.412	61	9	207	SAR is not required
		IEEE 802.11g	1	9.5	2.412	61	9	207	SAR is not required
		IEEE 802.11n (2.4GHz) 20MHz	1	9	2.412	61	8	207	SAR is not required
		IEEE 802.11n (2.4GHz) 40MHz	6	8.5	2.437	61	7	206	SAR is not required
		IEEE 802.11a	36	9	5.180	61	8	176	SAR is not required
		IEEE 802.11a	40	9	5.200	61	8	176	SAR is not required
		IEEE 802.11a	149	8	5.745	61	6	173	SAR is not required
		IEEE 802.11a	153	8	5.765	61	6	172	SAR is not required
		IEEE 802.11n (5GHz) 20 MHz	36	9	5.180	61	8	176	SAR is not required
		IEEE 802.11n (5GHz) 20 MHz	40	9	5.200	61	8	176	SAR is not required
		IEEE 802.11n (5GHz) 20 MHz	157	8	5.785	61	6	172	SAR is not required
		IEEE 802.11n (5GHz) 20 MHz	161	8	5.805	61	6	172	SAR is not required
		IEEE 802.11n (5GHz) 40 MHz	38	9	5.190	61	8	176	SAR is not required
		IEEE 802.11n (5GHz) 40 MHz	46	9	5.230	61	8	176	SAR is not required
		IEEE 802.11n (5GHz) 40 MHz	151	8	5.755	61	6	173	SAR is not required
		IEEE 802.11n (5GHz) 40 MHz	159	8	5.795	61	6	172	SAR is not required
		IEEE 802.11ac (5GHz) 80 MHz	42	9	5.210	61	8	176	SAR is not required
		IEEE 802.11ac (5GHz) 80 MHz	155	8	5.775	61	6	172	SAR is not required

> 50 mm <200mm									
Antenna	Side	Band	Channel	Power (dBm)	Frequency (GHz)	Distance (mm)	Power (mW)	Power Thresholds SAR[1g] (mW)	Exclusion Considerations SAR[1g]
WLAN Antenna 1	5	IEEE 802.11b	11	10	2.462	78	10	376	SAR is not required
		IEEE 802.11g	6	10	2.437	78	10	376	SAR is not required
		IEEE 802.11n (2.4GHz) 20MHz	1	9	2.412	78	8	377	SAR is not required
		IEEE 802.11n (2.4GHz) 40MHz	6	8.5	2.437	78	7	376	SAR is not required
		IEEE 802.11a	36	9	5.180	78	8	346	SAR is not required
		IEEE 802.11a	40	9	5.200	78	8	346	SAR is not required
		IEEE 802.11a	149	8	5.745	78	6	343	SAR is not required
		IEEE 802.11a	153	8	5.765	78	6	342	SAR is not required
		IEEE 802.11n (5GHz) 20 MHz	36	9	5.180	78	8	346	SAR is not required
		IEEE 802.11n (5GHz) 20 MHz	40	9	5.200	78	8	346	SAR is not required
		IEEE 802.11n (5GHz) 20 MHz	157	8	5.785	78	6	342	SAR is not required
		IEEE 802.11n (5GHz) 20 MHz	161	8	5.805	78	6	342	SAR is not required
		IEEE 802.11n (5GHz) 40 MHz	38	9	5.190	78	8	346	SAR is not required
		IEEE 802.11n (5GHz) 40 MHz	46	9	5.230	78	8	346	SAR is not required
		IEEE 802.11n (5GHz) 40 MHz	151	8	5.755	78	6	343	SAR is not required
		IEEE 802.11n (5GHz) 40 MHz	159	8	5.795	78	6	342	SAR is not required
		IEEE 802.11ac (5GHz) 80 MHz	42	9	5.210	78	8	346	SAR is not required
		IEEE 802.11ac (5GHz) 80 MHz	155	8	5.775	78	6	342	SAR is not required

> 50 mm <200mm									
Antenna	Side	Band	Channel	Power (dBm)	Frequency (GHz)	Distance (mm)	Power (mW)	Power Thresholds SAR[1g] (mW)	Exclusion Considerations SAR[1g]
WWAN Antenna	6	GPRS 850	190	32	0.837	97	1585	426	SAR is required
		GPRS 1900	661	30	1.880	97	1000	579	SAR is required
		WCDMA Band II	9400	24	1.880	97	251	579	SAR is not required
		WCDMA Band V	4183	24	0.837	97	251	426	SAR is not required
		CDMA 850	384	25	0.837	97	316	426	SAR is not required
		1xRTT 850	384	25	0.837	97	316	426	SAR is not required
		1xEv-Do 850	384	25	0.837	97	316	426	SAR is not required
		CDMA 1900	600	25	1.880	97	316	579	SAR is not required
		1xRTT 1900	600	25	1.880	97	316	579	SAR is not required
		1xEv-Do 1900	600	25	1.880	97	316	579	SAR is not required
		LTE Band 2	18900	24	1.880	97	251	579	SAR is not required
		LTE Band 4	20175	24	1.733	97	251	584	SAR is not required
		LTE Band 5	20525	24	0.837	97	251	426	SAR is not required
		LTE Band 7	21100	23	2.535	97	200	564	SAR is not required
		LTE Band 13	23230	24	0.782	97	251	415	SAR is not required

> 50 mm <200mm									
Antenna	Side	Band	Channel	Power (dBm)	Frequency (GHz)	Distance (mm)	Power (mW)	Power Thresholds SAR[1g] (mW)	Exclusion Considerations SAR[1g]
WLAN Antenna 2	6	IEEE 802.11b	1	9.5	2.412	76	9	357	SAR is not required
		IEEE 802.11g	1	9.5	2.412	76	9	357	SAR is not required
		IEEE 802.11n (2.4GHz) 20MHz	1	9	2.412	76	8	357	SAR is not required
		IEEE 802.11n (2.4GHz) 40MHz	6	8.5	2.437	76	7	356	SAR is not required
		IEEE 802.11a	36	9	5.180	76	8	326	SAR is not required
		IEEE 802.11a	40	9	5.200	76	8	326	SAR is not required
		IEEE 802.11a	149	8	5.745	76	6	323	SAR is not required
		IEEE 802.11a	153	8	5.765	76	6	322	SAR is not required
		IEEE 802.11n (5GHz) 20 MHz	36	9	5.180	76	8	326	SAR is not required
		IEEE 802.11n (5GHz) 20 MHz	40	9	5.200	76	8	326	SAR is not required
		IEEE 802.11n (5GHz) 20 MHz	157	8	5.785	76	6	322	SAR is not required
		IEEE 802.11n (5GHz) 20 MHz	161	8	5.805	76	6	322	SAR is not required
		IEEE 802.11n (5GHz) 40 MHz	38	9	5.190	76	8	326	SAR is not required
		IEEE 802.11n (5GHz) 40 MHz	46	9	5.230	76	8	326	SAR is not required
		IEEE 802.11n (5GHz) 40 MHz	151	8	5.755	76	6	323	SAR is not required
		IEEE 802.11n (5GHz) 40 MHz	159	8	5.795	76	6	322	SAR is not required
		IEEE 802.11ac (5GHz) 80 MHz	42	9	5.210	76	8	326	SAR is not required
		IEEE 802.11ac (5GHz) 80 MHz	155	8	5.775	76	6	322	SAR is not required

Note: 1.The test reduction for distance more than 50mm. Use the max power to make sure minimum distance by evaluated for SAR testing.

2.For antenna to edge more than 50 mm that sar test is not required when the minimun distance(worst case) evaluated by results of above.

6.12 Simultaneous Transmitting Evaluate

Simultaneous transmission configurations as below:

Condition	Side	Frequency Band		
		WWAN Antenna	WLAN Antenna 1	WLAN Antenna 2
1	1	V	V	V
2	2	V	V	V
3	3	V	V	V
4	4	V	V	V
5	5	V	V	V
6	6	V	V	V

6.12.1 Estimated SAR

≤ 50 mm								
Antenna	Side	Band	Channel	Power-Tune up (dBm)	Frequency (GHz)	Distance (mm)	Power (mW)	Estimated SAR[1g] (W/Kg)
WLAN Antenna 1	2	IEEE 802.11b	11	10.0	2.462	11	10	0.190
		IEEE 802.11g	6	10.0	2.437	11	10	0.189
		IEEE 802.11n (2.4GHz) 20MHz	1	9.0	2.412	11	8	0.151
		IEEE 802.11n (2.4GHz) 40MHz	6	8.5	2.437	11	7	0.132
		IEEE 802.11a	36	9.0	5.180	11	8	0.221
		IEEE 802.11a	40	9.0	5.200	11	8	0.221
		IEEE 802.11a	149	8.0	5.745	11	6	0.174
		IEEE 802.11a	153	8.0	5.765	11	6	0.175
		IEEE 802.11n (5GHz) 20 MHz	36	9.0	5.180	11	8	0.221
		IEEE 802.11n (5GHz) 20 MHz	40	9.0	5.200	11	8	0.221
		IEEE 802.11n (5GHz) 20 MHz	157	8.0	5.785	11	6	0.175
		IEEE 802.11n (5GHz) 20 MHz	161	8.0	5.805	11	6	0.175
		IEEE 802.11n (5GHz) 40 MHz	38	9.0	5.190	11	8	0.221
		IEEE 802.11n (5GHz) 40 MHz	46	9.0	5.230	11	8	0.222
		IEEE 802.11n (5GHz) 40 MHz	151	8.0	5.755	11	6	0.174
		IEEE 802.11n (5GHz) 40 MHz	159	8.0	5.795	11	6	0.175
		IEEE 802.11ac (5GHz) 80 MHz	42	9.0	5.210	11	8	0.221
		IEEE 802.11ac (5GHz) 80 MHz	155	8.0	5.775	11	6	0.175

≤ 50 mm								
Antenna	Side	Band	Channel	Power-Tune up (dBm)	Frequency (GHz)	Distance (mm)	Power (mW)	Estimated SAR[1g] (W/Kg)
WLAN Antenna 2	2	IEEE 802.11b	1	9.5	2.412	11	9	0.169
		IEEE 802.11g	1	9.5	2.412	11	9	0.169
		IEEE 802.11n (2.4GHz) 20MHz	1	9.0	2.412	11	8	0.151
		IEEE 802.11n (2.4GHz) 40MHz	6	8.5	2.437	11	7	0.132
		IEEE 802.11a	36	9.0	5.180	11	8	0.221
		IEEE 802.11a	40	9.0	5.200	11	8	0.221
		IEEE 802.11a	149	8.0	5.745	11	6	0.174
		IEEE 802.11a	153	8.0	5.765	11	6	0.175
		IEEE 802.11n (5GHz) 20 MHz	36	9.0	5.180	11	8	0.221
		IEEE 802.11n (5GHz) 20 MHz	40	9.0	5.200	11	8	0.221
		IEEE 802.11n (5GHz) 20 MHz	157	8.0	5.785	11	6	0.175
		IEEE 802.11n (5GHz) 20 MHz	161	8.0	5.805	11	6	0.175
		IEEE 802.11n (5GHz) 40 MHz	38	9.0	5.190	11	8	0.221
		IEEE 802.11n (5GHz) 40 MHz	46	9.0	5.230	11	8	0.222
		IEEE 802.11n (5GHz) 40 MHz	151	8.0	5.755	11	6	0.174
		IEEE 802.11n (5GHz) 40 MHz	159	8.0	5.795	11	6	0.175
		IEEE 802.11ac (5GHz) 80 MHz	42	9.0	5.210	11	8	0.221
		IEEE 802.11ac (5GHz) 80 MHz	155	8.0	5.775	11	6	0.175

≤ 50 mm								
Antenna	Side	Band	Channel	Power-Tune up (dBm)	Frequency (GHz)	Distance (mm)	Power (mW)	Estimated SAR[1g] (W/Kg)
WLAN Antenna 2	5	IEEE 802.11b	1	9.5	2.412	25	9	0.075
		IEEE 802.11g	1	9.5	2.412	25	9	0.075
		IEEE 802.11n (2.4GHz) 20MHz	1	9.0	2.412	25	8	0.066
		IEEE 802.11n (2.4GHz) 40MHz	6	8.5	2.437	25	7	0.058
		IEEE 802.11a	36	9.0	5.180	25	8	0.097
		IEEE 802.11a	40	9.0	5.200	25	8	0.097
		IEEE 802.11a	149	8.0	5.745	25	6	0.077
		IEEE 802.11a	153	8.0	5.765	25	6	0.077
		IEEE 802.11n (5GHz) 20 MHz	36	9.0	5.180	25	8	0.097
		IEEE 802.11n (5GHz) 20 MHz	40	9.0	5.200	25	8	0.097
		IEEE 802.11n (5GHz) 20 MHz	157	8.0	5.785	25	6	0.077
		IEEE 802.11n (5GHz) 20 MHz	161	8.0	5.805	25	6	0.077
		IEEE 802.11n (5GHz) 40 MHz	38	9.0	5.190	25	8	0.097
		IEEE 802.11n (5GHz) 40 MHz	46	9.0	5.230	25	8	0.098
		IEEE 802.11n (5GHz) 40 MHz	151	8.0	5.755	25	6	0.077
		IEEE 802.11n (5GHz) 40 MHz	159	8.0	5.795	25	6	0.077
		IEEE 802.11ac (5GHz) 80 MHz	42	9.0	5.210	25	8	0.097
		IEEE 802.11ac (5GHz) 80 MHz	155	8.0	5.775	25	6	0.077

≤ 50 mm								
Antenna	Side	Band	Channel	Power-Tune up (dBm)	Frequency (GHz)	Distance (mm)	Power (mW)	Estimated SAR[1g] (W/Kg)
WLAN Antenna 1	6	IEEE 802.11b	11	10.0	2.462	25	10	0.084
		IEEE 802.11g	6	10.0	2.437	25	10	0.083
		IEEE 802.11n (2.4GHz) 20MHz	1	9.0	2.412	25	8	0.066
		IEEE 802.11n (2.4GHz) 40MHz	6	8.5	2.437	25	7	0.058
		IEEE 802.11a	36	9.0	5.180	25	8	0.097
		IEEE 802.11a	40	9.0	5.200	25	8	0.097
		IEEE 802.11a	149	8.0	5.745	25	6	0.077
		IEEE 802.11a	153	8.0	5.765	25	6	0.077
		IEEE 802.11n (5GHz) 20 MHz	36	9.0	5.180	25	8	0.097
		IEEE 802.11n (5GHz) 20 MHz	40	9.0	5.200	25	8	0.097
		IEEE 802.11n (5GHz) 20 MHz	157	8.0	5.785	25	6	0.077
		IEEE 802.11n (5GHz) 20 MHz	161	8.0	5.805	25	6	0.077
		IEEE 802.11n (5GHz) 40 MHz	38	9.0	5.190	25	8	0.097
		IEEE 802.11n (5GHz) 40 MHz	46	9.0	5.230	25	8	0.098
		IEEE 802.11n (5GHz) 40 MHz	151	8.0	5.755	25	6	0.077
		IEEE 802.11n (5GHz) 40 MHz	159	8.0	5.795	25	6	0.077
		IEEE 802.11ac (5GHz) 80 MHz	42	9.0	5.210	25	8	0.097
		IEEE 802.11ac (5GHz) 80 MHz	155	8.0	5.775	25	6	0.077

> 50 mm			
Antenna	Side	Band	Estimated SAR[1g] (W/Kg)
WLAN Antenna 1	4	IEEE 802.11b	0.4
		IEEE 802.11g	0.4
		IEEE 802.11n (2.4GHz) 20MHz	0.4
		IEEE 802.11n (2.4GHz) 40MHz	0.4
		IEEE 802.11a	0.4
		IEEE 802.11n (5GHz) 20 MHz	0.4
		IEEE 802.11n (5GHz) 40 MHz	0.4
		IEEE 802.11ac (5GHz) 80 MHz	0.4
WLAN Antenna 2		IEEE 802.11b	0.4
		IEEE 802.11g	0.4
		IEEE 802.11n (2.4GHz) 20MHz	0.4
		IEEE 802.11n (2.4GHz) 40MHz	0.4
		IEEE 802.11a	0.4
		IEEE 802.11n (5GHz) 20 MHz	0.4
		IEEE 802.11n (5GHz) 40 MHz	0.4
		IEEE 802.11ac (5GHz) 80 MHz	0.4
WLAN Antenna 1	5	IEEE 802.11b	0.4
		IEEE 802.11g	0.4
		IEEE 802.11n (2.4GHz) 20MHz	0.4
		IEEE 802.11n (2.4GHz) 40MHz	0.4
		IEEE 802.11a	0.4
		IEEE 802.11n (5GHz) 20 MHz	0.4
		IEEE 802.11n (5GHz) 40 MHz	0.4
		IEEE 802.11ac (5GHz) 80 MHz	0.4

> 50 mm			
Antenna	Side	Band	Estimated SAR[1g] (W/Kg)
WLAN Antenna 2	6	IEEE 802.11b	0.4
		IEEE 802.11g	0.4
		IEEE 802.11n (2.4GHz) 20MHz	0.4
		IEEE 802.11n (2.4GHz) 40MHz	0.4
		IEEE 802.11a	0.4
		IEEE 802.11n (5GHz) 20 MHz	0.4
		IEEE 802.11n (5GHz) 40 MHz	0.4
		IEEE 802.11ac (5GHz) 80 MHz	0.4
WWAN Antenna		GPRS 850	0.4
		GPRS 1900	0.4
		WCDMA Band II	0.4
		WCDMA Band V	0.4
		CDMA 850	0.4
		1xRTT 850	0.4
		1xEv-Do 850	0.4
		CDMA 1900	0.4
		1xRTT 1900	0.4
		1xEv-Do 1900	0.4
		LTE Band 2	0.4
		LTE Band 4	0.4
		LTE Band 5	0.4
		LTE Band 7	0.4
		LTE Band 13	0.4

6.12.2 Sum of 1-g SAR of all simultaneously transmitting

When the sum of 1-g SAR of all simultaneously transmitting antennas in and operating mode and exposure condition combination is within the SAR limit, SAR test exclusion applies to that simultaneous transmission configuration.

Sum of 1-g SAR of summary as below:

Phantom Position		Spacing (mm)	ASSY	WWAN Antenna		WLAN Antenna 1		WLAN Antenna 2		WLAN MIMO		∑ SAR1g (W/Kg)	Event
				Band	SAR1g (W/Kg)	Band	SAR1g (W/Kg)	Band	SAR1g (W/Kg)	Band	SAR1g (W/Kg)		
Flat	Side 1	10	N/A	GPRS 850	1.235	IEEE 802.11n (5GHz) 20 MHz	0.069	IEEE 802.11n (5GHz) 20 MHz	0.133	WLAN	---	1.437	<1.6
		10	N/A	GPRS 1900	1.181	IEEE 802.11n (5GHz) 20 MHz	0.069	IEEE 802.11n (5GHz) 20 MHz	0.133	WLAN	---	1.383	<1.6
		10	N/A	WCDMA Band II	0.935	IEEE 802.11n (5GHz) 20 MHz	0.069	IEEE 802.11n (5GHz) 20 MHz	0.133	WLAN	---	1.137	<1.6
		10	N/A	WCDMA Band V	0.760	IEEE 802.11n (5GHz) 20 MHz	0.069	IEEE 802.11n (5GHz) 20 MHz	0.133	WLAN	---	0.962	<1.6
		10	N/A	CDMA 850	0.976	IEEE 802.11n (5GHz) 20 MHz	0.069	IEEE 802.11n (5GHz) 20 MHz	0.133	WLAN	---	1.178	<1.6
		10	N/A	1xRTT 850	0.960	IEEE 802.11n (5GHz) 20 MHz	0.069	IEEE 802.11n (5GHz) 20 MHz	0.133	WLAN	---	1.162	<1.6
		10	N/A	1xEv-Do 850	0.972	IEEE 802.11n (5GHz) 20 MHz	0.069	IEEE 802.11n (5GHz) 20 MHz	0.133	WLAN	---	1.174	<1.6
		10	N/A	CDMA 1900	1.043	IEEE 802.11n (5GHz) 20 MHz	0.069	IEEE 802.11n (5GHz) 20 MHz	0.133	WLAN	---	1.245	<1.6
		10	N/A	1xRTT 1900	0.949	IEEE 802.11n (5GHz) 20 MHz	0.069	IEEE 802.11n (5GHz) 20 MHz	0.133	WLAN	---	1.151	<1.6
		10	N/A	1xEv-Do 1900	0.934	IEEE 802.11n (5GHz) 20 MHz	0.069	IEEE 802.11n (5GHz) 20 MHz	0.133	WLAN	---	1.136	<1.6
		10	N/A	LTE Band 2	1.061	IEEE 802.11n (5GHz) 20 MHz	0.069	IEEE 802.11n (5GHz) 20 MHz	0.133	WLAN	---	1.263	<1.6
		10	N/A	LTE Band 4	1.239	IEEE 802.11n (5GHz) 20 MHz	0.069	IEEE 802.11n (5GHz) 20 MHz	0.133	WLAN	---	1.441	<1.6
		10	N/A	LTE Band 5	0.878	IEEE 802.11n (5GHz) 20 MHz	0.069	IEEE 802.11n (5GHz) 20 MHz	0.133	WLAN	---	1.080	<1.6
		10	N/A	LTE Band 7	0.661	IEEE 802.11n (5GHz) 20 MHz	0.069	IEEE 802.11n (5GHz) 20 MHz	0.133	WLAN	---	0.863	<1.6
		10	N/A	LTE Band 13	0.718	IEEE 802.11n (5GHz) 20 MHz	0.069	IEEE 802.11n (5GHz) 20 MHz	0.133	WLAN	---	0.920	<1.6

Phantom Position		Spacing (mm)	ASSY	WWAN Antenna		WLAN Antenna 1		WLAN Antenna 2		WLAN MIMO		∑ SAR1g (W/Kg)	Event
				Band	SAR1g (W/Kg)	Band	SAR1g (W/Kg)	Band	SAR1g (W/Kg)	Band	SAR1g (W/Kg)		
Flat	Side 2	10	N/A	GPRS 850	0.775	IEEE 802.11n (5GHz) 40 MHz	*0.222	IEEE 802.11n (5GHz) 40 MHz	*0.222	WLAN	---	1.219	<1.6
		10	N/A	GPRS 1900	0.590	IEEE 802.11n (5GHz) 40 MHz	*0.222	IEEE 802.11n (5GHz) 40 MHz	*0.222	WLAN	---	1.034	<1.6
		10	N/A	WCDMA Band II	0.555	IEEE 802.11n (5GHz) 40 MHz	*0.222	IEEE 802.11n (5GHz) 40 MHz	*0.222	WLAN	---	0.999	<1.6
		10	N/A	WCDMA Band V	0.710	IEEE 802.11n (5GHz) 40 MHz	*0.222	IEEE 802.11n (5GHz) 40 MHz	*0.222	WLAN	---	1.154	<1.6
		10	N/A	CDMA 850	0.967	IEEE 802.11n (5GHz) 40 MHz	*0.222	IEEE 802.11n (5GHz) 40 MHz	*0.222	WLAN	---	1.411	<1.6
		10	N/A	1xRTT 850	0.968	IEEE 802.11n (5GHz) 40 MHz	*0.222	IEEE 802.11n (5GHz) 40 MHz	*0.222	WLAN	---	1.412	<1.6
		10	N/A	1xEv-Do 850	0.952	IEEE 802.11n (5GHz) 40 MHz	*0.222	IEEE 802.11n (5GHz) 40 MHz	*0.222	WLAN	---	1.396	<1.6
		10	N/A	CDMA 1900	0.623	IEEE 802.11n (5GHz) 40 MHz	*0.222	IEEE 802.11n (5GHz) 40 MHz	*0.222	WLAN	---	1.067	<1.6
		10	N/A	1xRTT 1900	0.608	IEEE 802.11n (5GHz) 40 MHz	*0.222	IEEE 802.11n (5GHz) 40 MHz	*0.222	WLAN	---	1.052	<1.6
		10	N/A	1xEv-Do 1900	0.616	IEEE 802.11n (5GHz) 40 MHz	*0.222	IEEE 802.11n (5GHz) 40 MHz	*0.222	WLAN	---	1.060	<1.6
		10	N/A	LTE Band 2	0.571	IEEE 802.11n (5GHz) 40 MHz	*0.222	IEEE 802.11n (5GHz) 40 MHz	*0.222	WLAN	---	1.015	<1.6
		10	N/A	LTE Band 4	0.932	IEEE 802.11n (5GHz) 40 MHz	*0.222	IEEE 802.11n (5GHz) 40 MHz	*0.222	WLAN	---	1.376	<1.6
		10	N/A	LTE Band 5	0.796	IEEE 802.11n (5GHz) 40 MHz	*0.222	IEEE 802.11n (5GHz) 40 MHz	*0.222	WLAN	---	1.240	<1.6
		10	N/A	LTE Band 7	0.621	IEEE 802.11n (5GHz) 40 MHz	*0.222	IEEE 802.11n (5GHz) 40 MHz	*0.222	WLAN	---	1.065	<1.6
		10	N/A	LTE Band 13	0.546	IEEE 802.11n (5GHz) 40 MHz	*0.222	IEEE 802.11n (5GHz) 40 MHz	*0.222	WLAN	---	0.990	<1.6

Phantom Position		Spacing (mm)	ASSY	WWAN Antenna		WLAN Antenna 1		WLAN Antenna 2		WLAN MIMO		∑ SAR1g (W/Kg)	Event
				Band	SAR1g (W/Kg)	Band	SAR1g (W/Kg)	Band	SAR1g (W/Kg)	Band	SAR1g (W/Kg)		
Flat	Side 3	10	N/A	GPRS 850	0.524	IEEE 802.11n (5GHz) 20 MHz	0.113	IEEE 802.11n (5GHz) 20 MHz	0.206	WLAN	---	0.843	<1.6
		10	N/A	GPRS 1900	0.261	IEEE 802.11n (5GHz) 20 MHz	0.113	IEEE 802.11n (5GHz) 20 MHz	0.206	WLAN	---	0.580	<1.6
		10	N/A	WCDMA Band II	0.271	IEEE 802.11n (5GHz) 20 MHz	0.113	IEEE 802.11n (5GHz) 20 MHz	0.206	WLAN	---	0.590	<1.6
		10	N/A	WCDMA Band V	0.441	IEEE 802.11n (5GHz) 20 MHz	0.113	IEEE 802.11n (5GHz) 20 MHz	0.206	WLAN	---	0.760	<1.6
		10	N/A	CDMA 850	0.621	IEEE 802.11n (5GHz) 20 MHz	0.113	IEEE 802.11n (5GHz) 20 MHz	0.206	WLAN	---	0.940	<1.6
		10	N/A	1xRTT 850	0.640	IEEE 802.11n (5GHz) 20 MHz	0.113	IEEE 802.11n (5GHz) 20 MHz	0.206	WLAN	---	0.959	<1.6
		10	N/A	1xEv-Do 850	0.552	IEEE 802.11n (5GHz) 20 MHz	0.113	IEEE 802.11n (5GHz) 20 MHz	0.206	WLAN	---	0.871	<1.6
		10	N/A	CDMA 1900	0.306	IEEE 802.11n (5GHz) 20 MHz	0.113	IEEE 802.11n (5GHz) 20 MHz	0.206	WLAN	---	0.625	<1.6
		10	N/A	1xRTT 1900	0.253	IEEE 802.11n (5GHz) 20 MHz	0.113	IEEE 802.11n (5GHz) 20 MHz	0.206	WLAN	---	0.572	<1.6
		10	N/A	1xEv-Do 1900	0.258	IEEE 802.11n (5GHz) 20 MHz	0.113	IEEE 802.11n (5GHz) 20 MHz	0.206	WLAN	---	0.577	<1.6
		10	N/A	LTE Band 2	0.374	IEEE 802.11n (5GHz) 20 MHz	0.113	IEEE 802.11n (5GHz) 20 MHz	0.206	WLAN	---	0.693	<1.6
		10	N/A	LTE Band 4	0.398	IEEE 802.11n (5GHz) 20 MHz	0.113	IEEE 802.11n (5GHz) 20 MHz	0.206	WLAN	---	0.717	<1.6
		10	N/A	LTE Band 5	0.515	IEEE 802.11n (5GHz) 20 MHz	0.113	IEEE 802.11n (5GHz) 20 MHz	0.206	WLAN	---	0.834	<1.6
		10	N/A	LTE Band 7	0.049	IEEE 802.11n (5GHz) 20 MHz	0.113	IEEE 802.11n (5GHz) 20 MHz	0.206	WLAN	---	0.368	<1.6
		10	N/A	LTE Band 13	0.339	IEEE 802.11n (5GHz) 20 MHz	0.113	IEEE 802.11n (5GHz) 20 MHz	0.206	WLAN	---	0.658	<1.6

Phantom Position		Spacing (mm)	ASSY	WWAN Antenna		WLAN Antenna 1		WLAN Antenna 2		WLAN MIMO		∑ SAR1g (W/Kg)	Event
				Band	SAR1g (W/Kg)	Band	SAR1g (W/Kg)	Band	SAR1g (W/Kg)	Band	SAR1g (W/Kg)		
Flat	Side 4	10	N/A	GPRS 850	0.359	IEEE 802.11n (5GHz) 20 MHz	**0.4	IEEE 802.11n (5GHz) 20 MHz	**0.4	WLAN	---	1.159	<1.6
		10	N/A	GPRS 1900	0.335	IEEE 802.11n (5GHz) 20 MHz	**0.4	IEEE 802.11n (5GHz) 20 MHz	**0.4	WLAN	---	1.135	<1.6
		10	N/A	WCDMA Band II	0.507	IEEE 802.11n (5GHz) 20 MHz	**0.4	IEEE 802.11n (5GHz) 20 MHz	**0.4	WLAN	---	1.307	<1.6
		10	N/A	WCDMA Band V	0.318	IEEE 802.11n (5GHz) 20 MHz	**0.4	IEEE 802.11n (5GHz) 20 MHz	**0.4	WLAN	---	1.118	<1.6
		10	N/A	CDMA 850	0.457	IEEE 802.11n (5GHz) 20 MHz	**0.4	IEEE 802.11n (5GHz) 20 MHz	**0.4	WLAN	---	1.257	<1.6
		10	N/A	1xRTT 850	0.458	IEEE 802.11n (5GHz) 20 MHz	**0.4	IEEE 802.11n (5GHz) 20 MHz	**0.4	WLAN	---	1.258	<1.6
		10	N/A	1xEv-Do 850	0.400	IEEE 802.11n (5GHz) 20 MHz	**0.4	IEEE 802.11n (5GHz) 20 MHz	**0.4	WLAN	---	1.200	<1.6
		10	N/A	CDMA 1900	0.553	IEEE 802.11n (5GHz) 20 MHz	**0.4	IEEE 802.11n (5GHz) 20 MHz	**0.4	WLAN	---	1.353	<1.6
		10	N/A	1xRTT 1900	0.572	IEEE 802.11n (5GHz) 20 MHz	**0.4	IEEE 802.11n (5GHz) 20 MHz	**0.4	WLAN	---	1.372	<1.6
		10	N/A	1xEv-Do 1900	0.573	IEEE 802.11n (5GHz) 20 MHz	**0.4	IEEE 802.11n (5GHz) 20 MHz	**0.4	WLAN	---	1.373	<1.6
		10	N/A	LTE Band 2	0.608	IEEE 802.11n (5GHz) 20 MHz	**0.4	IEEE 802.11n (5GHz) 20 MHz	**0.4	WLAN	---	1.408	<1.6
		10	N/A	LTE Band 4	0.559	IEEE 802.11n (5GHz) 20 MHz	**0.4	IEEE 802.11n (5GHz) 20 MHz	**0.4	WLAN	---	1.359	<1.6
		10	N/A	LTE Band 5	0.367	IEEE 802.11n (5GHz) 20 MHz	**0.4	IEEE 802.11n (5GHz) 20 MHz	**0.4	WLAN	---	1.167	<1.6
		10	N/A	LTE Band 7	0.780	IEEE 802.11n (5GHz) 20 MHz	**0.4	IEEE 802.11n (5GHz) 20 MHz	**0.4	WLAN	---	1.580	<1.6
		10	N/A	LTE Band 13	0.326	IEEE 802.11n (5GHz) 20 MHz	**0.4	IEEE 802.11n (5GHz) 20 MHz	**0.4	WLAN	---	1.126	<1.6

Phantom Position		Spacing (mm)	ASSY	WWAN Antenna		WLAN Antenna 1		WLAN Antenna 2		WLAN MIMO		∑ SAR1g (W/Kg)	Event
				Band	SAR1g (W/Kg)	Band	SAR1g (W/Kg)	Band	SAR1g (W/Kg)	Band	SAR1g (W/Kg)		
Flat	Side 5	10	N/A	GPRS 850	0.156	IEEE 802.11n (5GHz) 40 MHz	**0.4	IEEE 802.11n (5GHz) 40 MHz	*0.098	WLAN	---	0.654	<1.6
		10	N/A	GPRS 1900	0.746	IEEE 802.11n (5GHz) 40 MHz	**0.4	IEEE 802.11n (5GHz) 40 MHz	*0.098	WLAN	---	1.244	<1.6
		10	N/A	WCDMA Band II	0.574	IEEE 802.11n (5GHz) 40 MHz	**0.4	IEEE 802.11n (5GHz) 40 MHz	*0.098	WLAN	---	1.072	<1.6
		10	N/A	WCDMA Band V	0.123	IEEE 802.11n (5GHz) 40 MHz	**0.4	IEEE 802.11n (5GHz) 40 MHz	*0.098	WLAN	---	0.621	<1.6
		10	N/A	CDMA 850	0.182	IEEE 802.11n (5GHz) 40 MHz	**0.4	IEEE 802.11n (5GHz) 40 MHz	*0.098	WLAN	---	0.680	<1.6
		10	N/A	1xRTT 850	0.181	IEEE 802.11n (5GHz) 40 MHz	**0.4	IEEE 802.11n (5GHz) 40 MHz	*0.098	WLAN	---	0.679	<1.6
		10	N/A	1xEv-Do 850	0.146	IEEE 802.11n (5GHz) 40 MHz	**0.4	IEEE 802.11n (5GHz) 40 MHz	*0.098	WLAN	---	0.644	<1.6
		10	N/A	CDMA 1900	0.535	IEEE 802.11n (5GHz) 40 MHz	**0.4	IEEE 802.11n (5GHz) 40 MHz	*0.098	WLAN	---	1.033	<1.6
		10	N/A	1xRTT 1900	0.535	IEEE 802.11n (5GHz) 40 MHz	**0.4	IEEE 802.11n (5GHz) 40 MHz	*0.098	WLAN	---	1.033	<1.6
		10	N/A	1xEv-Do 1900	0.553	IEEE 802.11n (5GHz) 40 MHz	**0.4	IEEE 802.11n (5GHz) 40 MHz	*0.098	WLAN	---	1.051	<1.6
		10	N/A	LTE Band 2	0.623	IEEE 802.11n (5GHz) 40 MHz	**0.4	IEEE 802.11n (5GHz) 40 MHz	*0.098	WLAN	---	1.121	<1.6
		10	N/A	LTE Band 4	0.728	IEEE 802.11n (5GHz) 40 MHz	**0.4	IEEE 802.11n (5GHz) 40 MHz	*0.098	WLAN	---	1.226	<1.6
		10	N/A	LTE Band 5	0.168	IEEE 802.11n (5GHz) 40 MHz	**0.4	IEEE 802.11n (5GHz) 40 MHz	*0.098	WLAN	---	0.666	<1.6
		10	N/A	LTE Band 7	1.066	IEEE 802.11n (5GHz) 40 MHz	**0.4	IEEE 802.11n (5GHz) 40 MHz	*0.098	WLAN	---	1.564	<1.6
		10	N/A	LTE Band 13	0.065	IEEE 802.11n (5GHz) 40 MHz	**0.4	IEEE 802.11n (5GHz) 40 MHz	*0.098	WLAN	---	0.563	<1.6

Phantom Position		Spacing (mm)	ASSY	WWAN Antenna		WLAN Antenna 1		WLAN Antenna 2		WLAN MIMO		∑ SAR1g (W/Kg)	Event
				Band	SAR1g (W/Kg)	Band	SAR1g (W/Kg)	Band	SAR1g (W/Kg)	Band	SAR1g (W/Kg)		
Flat	Side 6	10	N/A	GPRS 850	0.023	IEEE 802.11n (5GHz) 40 MHz	*0.098	IEEE 802.11n (5GHz) 40 MHz	**0.4	WLAN	---	0.521	<1.6
		10	N/A	GPRS 1900	0.116	IEEE 802.11n (5GHz) 40 MHz	*0.098	IEEE 802.11n (5GHz) 40 MHz	**0.4	WLAN	---	0.614	<1.6
		10	N/A	WCDMA Band II	**0.4	IEEE 802.11n (5GHz) 40 MHz	*0.098	IEEE 802.11n (5GHz) 40 MHz	**0.4	WLAN	---	0.898	<1.6
		10	N/A	WCDMA Band V	**0.4	IEEE 802.11n (5GHz) 40 MHz	*0.098	IEEE 802.11n (5GHz) 40 MHz	**0.4	WLAN	---	0.898	<1.6
		10	N/A	CDMA 850	**0.4	IEEE 802.11n (5GHz) 40 MHz	*0.098	IEEE 802.11n (5GHz) 40 MHz	**0.4	WLAN	---	0.898	<1.6
		10	N/A	1xRTT 850	**0.4	IEEE 802.11n (5GHz) 40 MHz	*0.098	IEEE 802.11n (5GHz) 40 MHz	**0.4	WLAN	---	0.898	<1.6
		10	N/A	1xEv-Do 850	**0.4	IEEE 802.11n (5GHz) 40 MHz	*0.098	IEEE 802.11n (5GHz) 40 MHz	**0.4	WLAN	---	0.898	<1.6
		10	N/A	CDMA 1900	**0.4	IEEE 802.11n (5GHz) 40 MHz	*0.098	IEEE 802.11n (5GHz) 40 MHz	**0.4	WLAN	---	0.898	<1.6
		10	N/A	1xRTT 1900	**0.4	IEEE 802.11n (5GHz) 40 MHz	*0.098	IEEE 802.11n (5GHz) 40 MHz	**0.4	WLAN	---	0.898	<1.6
		10	N/A	1xEv-Do 1900	**0.4	IEEE 802.11n (5GHz) 40 MHz	*0.098	IEEE 802.11n (5GHz) 40 MHz	**0.4	WLAN	---	0.898	<1.6
		10	N/A	LTE Band 2	**0.4	IEEE 802.11n (5GHz) 40 MHz	*0.098	IEEE 802.11n (5GHz) 40 MHz	**0.4	WLAN	---	0.898	<1.6
		10	N/A	LTE Band 4	**0.4	IEEE 802.11n (5GHz) 40 MHz	*0.098	IEEE 802.11n (5GHz) 40 MHz	**0.4	WLAN	---	0.898	<1.6
		10	N/A	LTE Band 5	**0.4	IEEE 802.11n (5GHz) 40 MHz	*0.098	IEEE 802.11n (5GHz) 40 MHz	**0.4	WLAN	---	0.898	<1.6
		10	N/A	LTE Band 7	**0.4	IEEE 802.11n (5GHz) 40 MHz	*0.098	IEEE 802.11n (5GHz) 40 MHz	**0.4	WLAN	---	0.898	<1.6
		10	N/A	LTE Band 13	**0.4	IEEE 802.11n (5GHz) 40 MHz	*0.098	IEEE 802.11n (5GHz) 40 MHz	**0.4	WLAN	---	0.898	<1.6

Note:

1.*=Estimated SAR

2.**The Estimated SAR 0.4W/Kg , test separation distances is > 50 mm .

6.12.3 SAR to peak location separation ratio (SPLSR)

When the sum of SAR is larger than the limit, SAR test exclusion is determined by the SAR to peak location separation ratio. The ratio is determined by (SAR1 + SAR2)^1.5/Ri, rounded to two decimal digits, and must be ≤ 0.04 for all antenna pairs in the configuration to qualify for 1-g SAR test exclusion.

All of sum of SAR < 1.6 W/Kg, therefore SPLSR is not required.

6.13 SAR test reduction according to KDB

General:

- The test data reported are the worst-case SAR value with the position set in a typical configuration. Test procedures used were according to FCC, Supplement C [June 2001], IEEE1528-2003 and IEEE Std. 1528a-2005.
- All modes of operation were investigated, and worst-case results are reported.
- Tissue parameters and temperatures are listed on the SAR plots.
- Batteries are fully charged for all readings.
- When the Channel's SAR 1g of maximum conducted power is > 0.8 mW/g, low, middle and high channel are supposed to be tested.

KDB 447498:

- The test data reported are the worst-case SAR value with the position set in a typical configuration. Test procedures used were according to IEEE1528-2003 and IEEE Std. 1528a-2005.

KDB 865664:

- Repeated measurement is not required when the original highest measured SAR is < 0.80 W/kg.
- When the original highest measured SAR is ≥ 0.80 W/kg, repeat that measurement once.
- 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.
- 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.

KDB 941225:

- In order to qualify for the above test reduction, the maximum burst-averaged output power for each mode (GMS/GPRS/EDGE) and the corresponding multi-slot class must be clearly identified in the SAR report for each frequency band.We perform worst case SAR with maximum time-average power on GMS/GPRS/EDGE mode.
- When HSDPA & (HSUPA / HSPA+ uplink with QPSK) power are not more than WCDMA 12.2K RMC 0.25dB and the SAR value of WCDMA BII/BV<1.2 mW/g ,therefore HSDPA & HSUPA / HSPA+ Stand-alone SAR is not required.
- SAR for EVDO Rev. A is not required when the maximum average output of each RF channels is less than that measured in Subtype 0/1 Physical layer configurations.
- For 1xRTT SAR is not required when the maximum average output of each channel is less than 1/4 dB higher than that measured in EVDO Rev.0.
- 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.
- 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 5.2.1 and 5.2.2 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.
- 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.
- For smaller channel bandwidth 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.
- SAR must be measured for all sides and surfaces with a transmitting antenna located within 25 mm from that surface or edge.

7. System Verification and Validation

7.1 Symmetric Dipoles for System Verification

Construction	Symmetrical dipole with l/4 balun enables measurement of feed point impedance with NWA matched for use near flat phantoms filled with head simulating solutions Includes distance holder and tripod adaptor Calibration Calibrated SAR value for specified position and input power at the flat phantom in head simulating solutions.
Frequency	835, 1750, 1900, 2450, 2600 and 5200 MHz
Return Loss	> 20 dB at specified verification position
Power Capability	> 100 W (f < 1GHz); > 40 W (f > 1GHz)
Options	Dipoles for other frequencies or solutions and other calibration conditions are available upon request
Dimensions	D835V2: dipole length 161 mm; overall height 340 mm D1750V2: dipole length 75.2 mm; overall height 301.5 mm D1900V2: dipole length 67.7 mm; overall height 300 mm D2450V2: dipole length 51.5 mm; overall height 300 mm D2600V2: dipole length 49.2 mm; overall height 290 mm D5GHzV2: dipole length 20.6 mm; overall height 300 mm

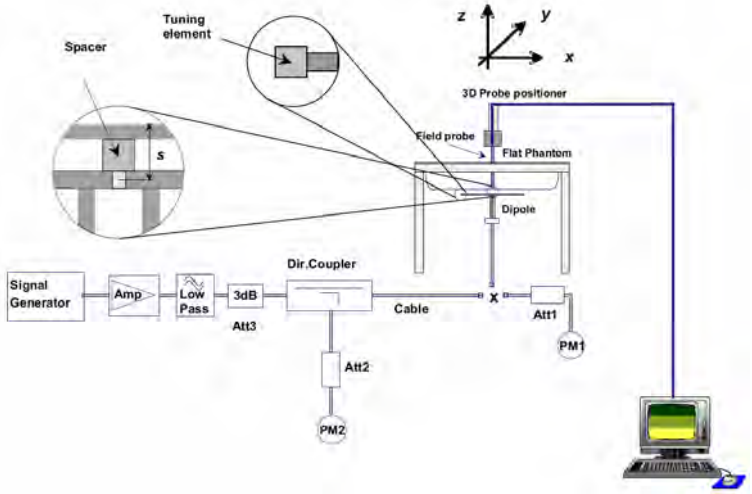


Figure 8. System Verification Setup Diagram

Figure 9. Validation Kit

7.2 Liquid Parameters

Liquid Verify								
Ambient Temperature： 22 ± 2 °C；Relative Humidity：40 -70%								
Liquid Type	Frequency	Temp (°C)	Parameters	Target Value	Measured Value	Deviation (%)	Limit (%)	Measured Date
835MHz (Body)	820MHz	22.0	εr	55.26	55.89	1.14%	± 5	2015/04/27
			σ	0.969	0.980	1.14%	± 5	
	835MHz	22.0	εr	55.20	55.89	1.25%	± 5	
			σ	0.970	0.997	2.78%	± 5	
	850MHz	22.0	εr	55.15	55.87	1.31%	± 5	
			σ	0.988	1.017	2.94%	± 5	
835MHz (Body)	820MHz	22.0	εr	55.26	55.89	1.14%	± 5	2015/04/28
			σ	0.969	0.980	1.14%	± 5	
	835MHz	22.0	εr	55.20	55.89	1.25%	± 5	
			σ	0.970	0.997	2.78%	± 5	
	850MHz	22.0	εr	55.15	55.87	1.31%	± 5	
			σ	0.988	1.017	2.94%	± 5	
835MHz (Body)	820MHz	22.0	εr	55.26	54.67	-1.07%	± 5	2015/04/29
			σ	0.969	0.975	0.62%	± 5	
	835MHz	22.0	εr	55.20	54.60	-1.09%	± 5	
			σ	0.970	0.989	1.96%	± 5	
	850MHz	22.0	εr	55.15	54.54	-1.11%	± 5	
			σ	0.988	1.003	1.52%	± 5	
1750MHz (Body)	1700MHz	22.0	εr	53.56	54.32	1.42%	± 5	2015/04/24
			σ	1.457	1.463	0.41%	± 5	
	1750MHz	22.0	εr	53.43	54.24	1.52%	± 5	
			σ	1.488	1.500	0.81%	± 5	
	1760MHz	22.0	εr	53.41	54.22	1.52%	± 5	
			σ	1.495	1.509	0.94%	± 5	

Table 5. Measured Tissue dielectric parameters for body phantoms -1

Liquid Verify								
Ambient Temperature： 22 ± 2 °C；Relative Humidity：40 -70%								
Liquid Type	Frequency	Temp (°C)	Parameters	Target Value	Measured Value	Deviation (%)	Limit (%)	Measured Date
1900MHz (Body)	1850MHz	22.0	εr	53.30	54.35	1.97%	± 5	2015/04/23
			σ	1.520	1.467	-3.49%	± 5	
	1900MHz	22.0	εr	53.30	54.06	1.43%	± 5	
			σ	1.520	1.477	-2.83%	± 5	
	1930MHz	22.0	εr	53.30	54.13	1.56%	± 5	
			σ	1.520	1.570	3.29%	± 5	
1900MHz (Body)	1850MHz	22.0	εr	53.30	54.35	1.97%	± 5	2015/04/24
			σ	1.520	1.467	-3.49%	± 5	
	1900MHz	22.0	εr	53.30	54.06	1.43%	± 5	
			σ	1.520	1.477	-2.83%	± 5	
	1930MHz	22.0	εr	53.30	54.13	1.56%	± 5	
			σ	1.520	1.570	3.29%	± 5	
1900MHz (Body)	1850MHz	22.0	εr	53.30	54.35	1.97%	± 5	2015/04/27
			σ	1.520	1.467	-3.49%	± 5	
	1900MHz	22.0	εr	53.30	54.06	1.43%	± 5	
			σ	1.520	1.477	-2.83%	± 5	
	1930MHz	22.0	εr	53.30	54.13	1.56%	± 5	
			σ	1.520	1.570	3.29%	± 5	
2450MHz (Body)	2400MHz	22.0	εr	52.77	54.53	3.34%	± 5	2015/05/05
			σ	1.902	1.887	-0.79%	± 5	
	2450MHz	22.0	εr	52.70	54.38	3.19%	± 5	
			σ	1.950	1.954	0.21%	± 5	
	2500MHz	22.0	εr	52.64	54.26	3.08%	± 5	
			σ	2.021	2.016	-0.25%	± 5	
2450MHz (Body)	2400MHz	22.0	εr	52.77	54.53	3.34%	± 5	2015/07/03
			σ	1.902	1.887	-0.79%	± 5	
	2450MHz	22.0	εr	52.70	54.38	3.19%	± 5	
			σ	1.950	1.954	0.21%	± 5	
	2500MHz	22.0	εr	52.64	54.26	3.08%	± 5	
			σ	2.021	2.016	-0.25%	± 5	

Table 6. Measured Tissue dielectric parameters for body phantoms -2

Liquid Verify								
Ambient Temperature： 22 ± 2 °C；Relative Humidity：40 -70%								
Liquid Type	Frequency	Temp (°C)	Parameters	Target Value	Measured Value	Deviation (%)	Limit (%)	Measured Date
2600MHz (Body)	2500MHz	22.0	εr	52.64	51.26	-2.62%	± 5	2015/05/04
			σ	2.021	2.084	3.12%	± 5	
	2550MHz	22.0	εr	52.57	51.13	-2.74%	± 5	
			σ	2.092	2.152	2.87%	± 5	
	2600MHz	22.0	εr	52.51	50.75	-3.35%	± 5	
			σ	2.163	2.193	1.39%	± 5	
5200MHz (Body)	5150MHz	22.0	εr	49.08	47.89	-2.43%	± 5	2015/05/06
			σ	5.241	5.460	4.18%	± 5	
	5200MHz	22.0	εr	49.01	47.76	-2.55%	± 5	
			σ	5.299	5.520	4.17%	± 5	
	5250MHz	22.0	εr	48.95	47.63	-2.70%	± 5	
			σ	5.358	5.550	3.58%	± 5	
5200MHz (Body)	5150MHz	22.0	εr	49.08	47.89	-2.43%	± 5	2015/06/17
			σ	5.241	5.460	4.18%	± 5	
	5200MHz	22.0	εr	49.01	47.76	-2.55%	± 5	
			σ	5.299	5.520	4.17%	± 5	
	5250MHz	22.0	εr	48.95	47.63	-2.70%	± 5	
			σ	5.358	5.550	3.58%	± 5	
5200MHz (Body)	5150MHz	22.0	εr	49.08	47.89	-2.43%	± 5	2015/06/18
			σ	5.241	5.460	4.18%	± 5	
	5200MHz	22.0	εr	49.01	47.76	-2.55%	± 5	
			σ	5.299	5.520	4.17%	± 5	
	5250MHz	22.0	εr	48.95	47.63	-2.70%	± 5	
			σ	5.358	5.550	3.58%	± 5	

Table 7. Measured Tissue dielectric parameters for body phantoms -3

Liquid Verify								
Ambient Temperature： 22 ± 2 °C；Relative Humidity：40 -70%								
Liquid Type	Frequency	Temp (°C)	Parameters	Target Value	Measured Value	Deviation (%)	Limit (%)	Measured Date
5800MHz (Body)	5750MHz	22.0	εr	48.27	46.54	-3.58%	± 5	2015/06/17
			σ	5.942	6.210	4.51%	± 5	
	5800MHz	22.0	εr	48.20	46.40	-3.73%	± 5	
			σ	6.000	6.270	4.50%	± 5	
	5850MHz	22.0	εr	48.20	46.35	-3.84%	± 5	
			σ	6.000	6.290	4.83%	± 5	
5800MHz (Body)	5750MHz	22.0	εr	48.27	46.54	-3.58%	± 5	2015/06/18
			σ	5.942	6.210	4.51%	± 5	
	5800MHz	22.0	εr	48.20	46.40	-3.73%	± 5	
			σ	6.000	6.270	4.50%	± 5	
	5850MHz	22.0	εr	48.20	46.35	-3.84%	± 5	
			σ	6.000	6.290	4.83%	± 5	

Table 8. Measured Tissue dielectric parameters for body phantoms -4

7.3 Verification Summary

Prior to the assessment, the system validation kit was used to test whether the system was operating within its specifications of ± 7%. The verification was performed at 835, 1750, 1900, 2450, 2600 and 5200 MHz.

Mixture Type	Frequency (MHz)	Power	SAR_{1g} (W/Kg)	SAR_{10g} (W/Kg)	Drift (dB)	Difference percentage		Probe	Dipole	1W Target		Date
						1g	10g	Model / Serial No.	Model / Serial No.	SAR_{1g} (W/Kg)	SAR_{10g} (W/Kg)	
Body	835	250 mW	2.49	1.63	0.03	4.80%	4.00%	EX3DV4 SN3847	D835V2 SN4d082	9.5	6.27	Apr. 27, 2015
		Normalize to 1 Watt	9.96	6.52								
Body	835	250 mW	2.47	1.62	-0.06	4.00%	3.30%	EX3DV4 SN3847	D835V2 SN4d082	9.5	6.27	Apr. 28, 2015
		Normalize to 1 Watt	9.88	6.48								
Body	835	250 mW	2.29	1.54	-0.04	-3.60%	-1.80%	EX3DV4 SN3847	D835V2 SN4d082	9.5	6.27	Apr. 29, 2015
		Normalize to 1 Watt	9.16	6.16								
Body	1750	250 mW	9.40	4.96	0.04	-0.80%	-2.70%	EX3DV4 SN3847	D1750V2 SN1023	37.9	20.4	Apr. 24, 2015
		Normalize to 1 Watt	37.60	19.84								
Body	1900	250 mW	10.20	5.22	0.06	1.00%	-2.90%	EX3DV4 SN3847	D1900V2 SN5d111	40.4	21.5	Apr. 23, 2015
		Normalize to 1 Watt	40.80	20.88								
Body	1900	250 mW	10.40	5.30	0.04	3.00%	-1.40%	EX3DV4 SN3847	D1900V2 SN5d111	40.4	21.5	Apr. 24, 2015
		Normalize to 1 Watt	41.60	21.20								
Body	1900	250 mW	10.20	5.21	0.00	1.00%	-3.10%	EX3DV4 SN3847	D1900V2 SN5d111	40.4	21.5	Apr. 27, 2015
		Normalize to 1 Watt	40.80	20.84								
Body	2450	250 mW	13.30	6.22	-0.01	0.60%	2.00%	EX3DV4 SN3847	D2450V2 SN712	52.9	24.4	May 05, 2015
		Normalize to 1 Watt	53.20	24.88								
Body	2450	250 mW	13.20	6.35	0.15	-0.20%	4.10%	EX3DV4 SN3847	D2450V2 SN712	52.90	24.40	Jul. 03, 2015
		Normalize to 1 Watt	52.80	25.40								
Body	2600	250 mW	14.50	6.36	-0.01	2.30%	1.80%	EX3DV4 SN3847	D2600V2 SN1007	56.7	25.0	May 04, 2015
		Normalize to 1 Watt	58.00	25.44								
Body	5200	250 mW	7.89	2.22	-0.09	0.10%	0.00%	EX3DV4 SN3847	D5200V2 SN1021	78.8	22.2	May 06, 2015
		Normalize to 1 Watt	78.90	22.20								
Body	5200	250 mW	8.06	2.27	-0.17	2.30%	2.30%	EX3DV4-SN3847	D5200V2-SN1021	78.80	22.20	Jun. 17, 2015
		Normalize to 1 Watt	80.60	22.70								
Body	5200	250 mW	7.67	2.15	-0.1	-2.70%	-3.20%	EX3DV4-SN3847	D5200V2-SN1021	78.80	22.20	Jun. 18, 2015
		Normalize to 1 Watt	76.70	21.50								
Body	5800	250 mW	7.61	2.11	-0.16	-1.90%	-2.30%	EX3DV4-SN3847	D5800V2-SN1021	77.60	21.60	Jun. 17, 2015
		Normalize to 1 Watt	76.10	21.10								
Body	5800	250 mW	7.79	2.16	-0.1	0.40%	0.00%	EX3DV4-SN3847	D5800V2-SN1021	77.60	21.60	Jun. 18, 2015
		Normalize to 1 Watt	77.90	21.60								

7.4 Validation Summary

Per FCC KDB 865664 D02v01r01, SAR system validation status should be documented to confirm measurement accuracy. The SAR systems (including SAR probes, system components and software versions) used for this device were validated against its performance specifications prior to the SAR measurements. Reference dipoles were used with the required tissue- equivalent media for system validation, according to the procedures outlined in IEEE 1528-2003 and FCC KDB 865664 D01v01r03. Since SAR probe calibrations are frequency dependent, each probe calibration point was validated at a frequency within the valid frequency range of the probe calibration point, using the system that normally operates with the probe for routine SAR measurements and according to the required tissue-equivalent media.

A tabulated summary of the system validation status including the validation date(s), measurement frequencies, SAR probes and tissue dielectric parameters as below.

Probe Type Model / Serial No.	Prob Cal. Point (MHz)	Head / Body	Cond.	Perm.	CW Validation			Mod. Validation			Date
			εr	σ	Sensitivity	Probe Linearity	Probe Isotropy	Mod. Type	Duty Factor	PAR	
EX3DV4 SN:847	835	Body	55.89	0.997	Pass	Pass	Pass	GMSK QPSK	Pass	N/A	Apr. 27, 2015
EX3DV4 SN:847	835	Body	55.89	0.997	Pass	Pass	Pass	GMSK QPSK	Pass	N/A	Apr. 28, 2015
EX3DV4 SN:847	835	Body	54.60	0.989	Pass	Pass	Pass	GMSK	Pass	N/A	Apr. 29, 2015
EX3DV4 SN:847	1750	Body	54.24	1.500	Pass	Pass	Pass	QPSK	Pass	N/A	Apr. 24, 2015
EX3DV4 SN:847	1900	Body	54.06	1.477	Pass	Pass	Pass	GMSK QPSK	Pass	N/A	Apr. 23, 2015
EX3DV4 SN:847	1900	Body	54.06	1.477	Pass	Pass	Pass	GMSK	Pass	N/A	Apr. 24, 2015
EX3DV4 SN:847	1900	Body	54.06	1.477	Pass	Pass	Pass	GMSK	Pass	N/A	Apr. 27, 2015
EX3DV4 SN:847	2450	Body	54.38	1.954	Pass	Pass	Pass	DSSS OFDM	N/A	Pass	May 05, 2015
EX3DV4 SN:847	2450	Body	54.38	1.954	Pass	Pass	Pass	DSSS OFDM	N/A	Pass	Jul. 03, 2015
EX3DV4 SN:847	2600	Body	50.75	2.193	Pass	Pass	Pass	QPSK	Pass	N/A	May 04, 2015
EX3DV4 SN:847	5200	Body	47.76	5.520	Pass	Pass	Pass	OFDM	N/A	Pass	May 06, 2015
EX3DV4 SN:847	5200	Body	47.76	5.520	Pass	Pass	Pass	OFDM	N/A	Pass	Jun. 17, 2015
EX3DV4 SN:847	5200	Body	47.76	5.520	Pass	Pass	Pass	OFDM	N/A	Pass	Jun. 18, 2015
EX3DV4 SN:847	5800	Body	46.40	6.270	Pass	Pass	Pass	OFDM	N/A	Pass	Jun. 17, 2015
EX3DV4 SN:847	5800	Body	46.40	6.270	Pass	Pass	Pass	OFDM	N/A	Pass	Jun. 18, 2015

8. Test Equipment List

Manufacturer	Name of Equipment	Type/Model	Serial Number	Calibration	
				Last Cal.	Due Date
SPEAG	835MHz System Validation Kit	D835V2	4d082	Jul. 23, 2014	Jul. 23, 2015
SPEAG	1750MHz System Validation Kit	D1750V2	1023	Jun. 17, 2014	Jun. 17, 2015
SPEAG	1900MHz System Validation Kit	D1900V2	5d111	Jul. 23, 2014	Jul. 23, 2015
SPEAG	2450MHz System Validation Kit	D2450V2	712	Mar. 12, 2015	Mar. 12, 2016
SPEAG	2600MHz System Validation Kit	D2600V2	1007	Sep. 23, 2014	Sep. 23, 2015
SPEAG	5200MHz System Validation Kit	D5GHZV2	1021	Mar. 17, 2015	Mar. 17, 2016
SPEAG	Dosimetric E-Field Probe	EX3DV4	3847	Jan. 30, 2015	Jan. 30, 2016
SPEAG	Data Acquisition Electronics	DAE4	541	Feb. 03, 2015	Feb. 03, 2016
SPEAG	Device Holder	N/A	N/A	NCR	
SPEAG	Measurement Server	SE UMS 011 AA	1025	NCR	
SPEAG	Phantom	ELI v5.0	TP-1133	NCR	
SPEAG	Robot	Staubli TX90XL	F07/564ZA1/C/01	NCR	
SPEAG	Software	DASY52 V52.8 (8)	N/A	NCR	
SPEAG	Software	SEMCAD X V14.6.10 (7331)	N/A	NCR	
Agilent	Dielectric Probe Kit	85070C	US99360094	NCR	
Agilent	ENA Series Network Analyzer	E5071B	MY42404655	Apr. 10, 2014	Apr. 10, 2015
R&S	Power Sensor	NRP-Z22	100179	May 29, 2014	May 29, 2015
Agilent	Power Meter	EDM Series E4418B	GB40206143	Jun. 14, 2014	Jun. 14, 2015
Agilent	Power Sensor	8481H	3318A20779	Jun. 14, 2014	Jun. 14, 2015
Agilent	MXF-G-B RF Vector Signal Generator	N5182B	MY53050382	May 30, 2014	May 30, 2015
Agilent	Dual Directional Coupler	778D	50334	NCR	
Mini-Circuits	Power Amplifier	ZHL-42W-SMA	D111103#5	NCR	
Mini-Circuits	Power Amplifier	ZVE-8G-SMA	D042005 671800514	NCR	
Aisi	Attenuator	IEAT 3dB	N/A	NCR	

Table 9. Test Equipment List

9. Measurement Uncertainty

Measurement uncertainties in SAR measurements are difficult to quantify due to several variables including biological, physiological, and environmental. However, we estimate the measurement uncertainties in SAR to be less than ±21.76 % for 300MHz ~3GHz and 3GHz ~ 6GHz ±25.68 %〔8〕. The frequency range of the measurement uncertainty are 300MHz ~ 3GHz ±10.88 % and 3GHz ~ 6GHz ±12.84%

According to Std. C95.3〔9〕, the overall uncertainties are difficult to assess and will vary with the type of meter and usage situation. However, accuracy's of ±1 to 3 dB can be expected in practice, with greater uncertainties in near-field situations and at higher frequencies (shorter wavelengths), or areas where large reflecting objects are present. Under optimum measurement conditions, SAR measurement uncertainties of at least ±2dB can be expected.

Item	Uncertainty Component	Uncertainty Value	Prob. Dist	Div.	c_i (1g)	c_i (10g)	Std. Unc. （1-g）	Std. Unc. （10-g）	v_i or V_{eff}
Measurement System									
u1	Probe Calibration (k=1)	±6.0%	Normal	1	1	1	±6.0%	±6.0%	∞
u2	Axial Isotropy	±4.7%	Rectangular	$\sqrt{3}$	0.7	0.7	±1.9%	±1.9%	∞
u3	Hemispherical Isotropy	±9.6%	Rectangular	$\sqrt{3}$	0.7	0.7	±3.9%	±3.9%	
u4	Boundary Effect	±1.0%	Rectangular	$\sqrt{3}$	1	1	±0.6%	±0.6%	∞
u5	Linearity	±4.7%	Rectangular	$\sqrt{3}$	1	1	±2.7%	±2.7%	∞
u6	System Detection Limit	±1.0%	Rectangular	$\sqrt{3}$	1	1	±0.6%	±0.6%	∞
u7	Readout Electronics	±0.3%	Normal	1	1	1	±0.3%	±0.3%	∞
u8	Response Time	±0.8%	Rectangular	$\sqrt{3}$	1	1	±0.5%	±0.5%	∞
u9	Integration Time	±1.9%	Rectangular	$\sqrt{3}$	1	1	±1.1%	±1.1%	∞
u10	RF Ambient Conditions	±3.0%	Rectangular	$\sqrt{3}$	1	1	±1.7%	±1.7%	∞
u11	RF Ambient Reflections	±3.0%	Rectangular	$\sqrt{3}$	1	1	±1.7%	±1.7%	∞
u12	Probe Positioner Mechanical Tolerance	±0.4%	Rectangular	$\sqrt{3}$	1	1	±0.2%	±0.2%	∞
u13	Probe Positioning with respect to Phantom Shell	±2.9%	Rectangular	$\sqrt{3}$	1	1	±1.7%	±1.7%	∞
u14	Extrapolation, interpolation and integration Algorithms for Max. SAR Evaluation	±1.0%	Rectangular	$\sqrt{3}$	1	1	±0.6%	±0.6%	∞
Test sample Related									
u15	Test sample Positioning	±3.6%	Normal	1	1	1	±3.6%	±3.6%	89
u16	Device Holder Uncertainty	±2.7%	Normal	1	1	1	±2.7%	±2.7%	5
u17	Output Power Variation - SAR drift measurement	±5.0%	Rectangular	$\sqrt{3}$	1	1	±2.9%	±2.9%	∞
Phantom and Tissue Parameters									
u18	Phantom Uncertainty (shape and thickness tolerances)	±4.0%	Rectangular	$\sqrt{3}$	1	1	±2.3%	±2.3%	∞
u19	Liquid Conductivity - deviation from target values	±5.0%	Rectangular	$\sqrt{3}$	0.64	0.43	±1.8%	±1.2%	∞
u20	Liquid Conductivity - measurement uncertainty	±2.5%	Normal	1	0.64	0.43	±1.6%	±1.08%	69
u21	Liquid Permittivity - deviation from target values	±5.0%	Rectangular	$\sqrt{3}$	0.6	0.49	±1.7%	±1.4%	∞
u22	Liquid Permittivity - measurement uncertainty	±2.5%	Normal	1	0.6	0.49	±1.5%	±1.23%	69
Combined standard uncertainty			RSS				±10.88%	±10.66%	313
Expanded uncertainty (95% CONFIDENCE LEVEL)			k=2				±21.76%	±21.31%	

Table 10. Uncertainty Budget for frequency range 300MHz to 3GHz

Item	Uncertainty Component	Uncertainty Value	Prob. Dist	Div.	c_i (1g)	c_i (10g)	Std. Unc. （1-g）	Std. Unc. （10-g）	v_i or V_{eff}
Measurement System									
u1	Probe Calibration (k=1)	±6.5%	Normal	1	1	1	±6.5%	±6.5%	∞
u2	Axial Isotropy	±4.7%	Rectangular	$\sqrt{3}$	0.7	0.7	±1.9%	±1.9%	∞
u3	Hemispherical Isotropy	±9.6%	Rectangular	$\sqrt{3}$	0.7	0.7	±3.9%	±3.9%	
u4	Boundary Effect	±2.0%	Rectangular	$\sqrt{3}$	1	1	±1.2%	±1.2%	∞
u5	Linearity	±4.7%	Rectangular	$\sqrt{3}$	1	1	±2.7%	±2.7%	∞
u6	System Detection Limit	±1.0%	Rectangular	$\sqrt{3}$	1	1	±0.6%	±0.6%	∞
u7	Readout Electronics	±0.0%	Normal	1	1	1	±0.0%	±0.0%	∞
u8	Response Time	±0.8%	Rectangular	$\sqrt{3}$	1	1	±0.5%	±0.5%	∞
u9	Integration Time	±2.8%	Rectangular	$\sqrt{3}$	1	1	±2.8%	±2.8%	∞
u10	RF Ambient Conditions	±3.0%	Rectangular	$\sqrt{3}$	1	1	±1.7%	±1.7%	∞
u11	RF Ambient Reflections	±3.0%	Rectangular	$\sqrt{3}$	1	1	±1.7%	±1.7%	∞
u12	Probe Positioner Mechanical Tolerance	±0.7%	Rectangular	$\sqrt{3}$	1	1	±0.7%	±0.7%	∞
u13	Probe Positioning with respect to Phantom Shell	±9.9%	Rectangular	$\sqrt{3}$	1	1	±5.7%	±5.7%	∞
u14	Extrapolation, interpolation and integration Algorithms for Max. SAR Evaluation	±3.0%	Rectangular	$\sqrt{3}$	1	1	±1.7%	±1.7%	∞
Test sample Related									
u15	Test sample Positioning	±3.6%	Normal	1	1	1	±3.6%	±3.6%	89
u16	Device Holder Uncertainty	±2.7%	Normal	1	1	1	±2.7%	±2.7%	5
u17	Output Power Variation - SAR drift measurement	±5.0%	Rectangular	$\sqrt{3}$	1	1	±2.9%	±2.9%	∞
Phantom and Tissue Parameters									
u18	Phantom Uncertainty (shape and thickness tolerances)	±4.0%	Rectangular	$\sqrt{3}$	1	1	±2.3%	±2.3%	∞
u19	Liquid Conductivity - deviation from target values	±5.0%	Rectangular	$\sqrt{3}$	0.64	0.43	±1.8%	±1.2%	∞
u20	Liquid Conductivity - measurement uncertainty	±2.5%	Normal	1	0.64	0.43	±1.6%	±1.08%	69
u21	Liquid Permittivity - deviation from target values	±5.0%	Rectangular	$\sqrt{3}$	0.6	0.49	±1.7%	±1.4%	∞
u22	Liquid Permittivity - measurement uncertainty	±2.5%	Normal	1	0.6	0.49	±1.5%	±1.23%	69
Combined standard uncertainty			RSS				±12.84%	±12.65%	313
Expanded uncertainty (95% CONFIDENCE LEVEL)			k=2				±25.68%	±25.29%	

Table 11. Uncertainty Budget for Frequency Ragne 3GHz to 6GHz

10. Measurement Procedure

The measurement procedures are as follows:

1. For WLAN function, engineering testing software installed on Notebook can provide continuous transmitting signal.
2. Measure output power through RF cable and power meter
3. Set scan area, grid size and other setting on the DASY software
4. Find out the largest SAR result on these testing positions of each band
5. Measure SAR results for other channels in worst SAR testing position if the SAR of highest power channel is larger than 0.8 W/kg

According to the test standard, the recommended procedure for assessing the peak spatial-average SAR value consists of the following steps:

1. Power reference measurement
2. Area scan
3. Zoom scan
4. Power drift measurement

10.1 Spatial Peak SAR Evaluation

The procedure for spatial peak SAR evaluation has been implemented according to the test standard. It can be conducted for 1g and 10g, as well as for user-specific masses. The DASY software includes all numerical procedures necessary to evaluate the spatial peak SAR value.

The base for the evaluation is a "cube" measurement. The measured volume must include the 1g and 10g cubes with the highest averaged SAR values. For that purpose, the center of the measured volume is aligned to the interpolated peak SAR value of a previously performed area scan.

The entire evaluation of the spatial peak values is performed within the post-processing engine (SEMCAD). The system always gives the maximum values for the 1g and 10g cubes. The algorithm to find the cube with highest averaged SAR is divided into the following stages

1. Extraction of the measured data (grid and values) from the Zoom Scan
2. Calculation of the SAR value at every measurement point based on all stored data (A/D values and measurement parameters)
3. Generation of a high-resolution mesh within the measured volume
4. Interpolation of all measured values form the measurement grid to the high-resolution grid
5. Extrapolation of the entire 3-D field distribution to the phantom surface over the distance from sensor to surface
6. Calculation of the averaged SAR within masses of 1g and 10g

10.2 Area & Zoom Scan Procedures

First Area Scan is used to locate the approximate location(s) of the local peak SAR value(s). The measurement grid within an Area Scan is defined by the grid extent, grid step size and grid offset. Next, in order to determine the EM field distribution in a three-dimensional spatial extension, Zoom Scan is required. The Zoom Scan measures points and step size follow as below. The Zoom Scan is performed around the highest E-field value to determine the averaged SAR-distribution over 10 g.

Grid Type	Frequency		Step size (mm)			X*Y*Z (Point)	Cube size			Step size		
			X	Y	Z		X	Y	Z	X	Y	Z
uniform grid	≦ 3GHz	≦2GHz	≤ 8	≤ 8	≤ 5	5*5*7	32	32	30	8	8	5
		2G - 3G	≤ 5	≤ 5	≤ 5	7*7*7	30	30	30	5	5	5
	3 - 6GHz	3 - 4GHz	≤ 5	≤ 5	≤ 4	7*7*8	30	30	28	5	5	4
		4 - 5GHz	≤ 4	≤ 4	≤ 3	8*8*10	28	28	27	4	4	3
		5 - 6GHz	≤ 4	≤ 4	≤ 2	8*8*12	28	28	22	4	4	2

(Our measure settings are refer KDB Publication 865664 D01v01r03)

10.3 Volume Scan Procedures

The volume scan is used for assess overlapping SAR distributions for antennas transmitting in different frequency bands. It is equivalent to an oversized zoom scan used in standalone measurements. The measurement volume will be used to enclose all the simultaneous transmitting antennas. For antennas transmitting simultaneously in different frequency bands, the volume scan is measured separately in each frequency band. In order to sum correctly to compute the 1g aggregate SAR, the DUT remain in the same test position for all measurements and all volume scan use the same spatial resolution and grid spacing. When all volume scan were completed, the software, SEMCAD postprocessor can combine and subsequently superpose these measurement data to calculating the multiband SAR.

10.4 SAR Averaged Methods

In DASY, the interpolation and extrapolation are both based on the modified Quadratic Shepard's method. The interpolation scheme combines a least-square fitted function method and a weighted average method which are the two basic types of computational interpolation and approximation. Extrapolation routines are used to obtain SAR values between the lowest measurement points and the inner phantom surface. The extrapolation distance is determined by the surface detection distance and the probe sensor offset. The uncertainty increases with the extrapolation distance. To keep the uncertainty within 1% for the 1 g and 10 g cubes, the extrapolation distance should not be larger than 5 mm.

10.5 Power Drift Monitoring

All SAR testing is under the DUT install full charged battery and transmit maximum output power. In DASY measurement software, the power reference measurement and power drift measurement procedures are used for monitoring the power drift of DUT during SAR test. Both these procedures measure the field at a specified reference position before and after the SAR testing. The software will calculate the field difference in dB. If the power drift more than 5%, the SAR will be retested.

11. SAR Test Results Summary

11.1 Head Measurement SAR

Evaluated head SAR is not available.

11.2 Body Measurement SAR

Note:
1. According to the section 2.1 of KDB941225 D01,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.
2. Require the middle channel to be tested first,if 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. If the Channel's SAR 1g is > 0.8 W/kg, low, middle and high channel are supposed to be tested.(2G/3G/LTE/WLAN)
4. SAR is measured using the highest measured maximum output power channel for the initial test configuration.
5. 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.
6. When the highest reported SAR for 1 RB and 50% RB allocation are > 0.8 W/kg,SAR is measured for the highest output power channel in 100%RB.
7. According to KDB 248227, when the extrapolated maximum peak SAR for the maximum output power channel is <= 1.6 W/kg and the 1g averaged SAR is <= 0.8 W/kg, WLAN SAR testing for other channels is not required.
8. SAR testing for 802.11g/n is not required when its maximum power is less than 1/4 dB higher than 802.11b.
9. SAR testing for 802.11n is not required when its maximum power is less than 1/4 dB higher than 802.11a.
10. The 802.11ac SAR testing is not required when its maximum power is less than 1/4 dB higher than 802.11a. 802.11ac SAR is required for the highest 802.11a configuration in each 5 GHz band and each exposure condition.

Index.	Position	Band	Ch.	Data Rate or Sub-Test	Side to Phantom	Spacing (mm)	SAR 1g (W/Kg)	Power Drift	Burst Avg Power	Max tune-up	Reported SAR 1g\ (W/Kg)
#121	Flat	GPRS 850	128	3D2U	1	10	0.528	0.03	30.91	32	0.679
#120	Flat		190	3D2U	1	10	0.800	-0.02	30.97	32	1.014
#122	Flat		251	3D2U	1	10	0.866	-0.10	30.46	32	1.235
#124	Flat		190	3D2U	2	10	0.611	-0.01	30.97	32	0.775
#125	Flat		190	3D2U	3	10	0.413	0.02	30.97	32	0.524
#126	Flat		190	3D2U	4	10	0.283	0.04	30.97	32	0.359
#127	Flat		190	3D2U	5	10	0.123	-0.01	30.97	32	0.156
#157	Flat		190	3D2U	6	10	0.018	-0.10	30.97	32	0.023
#26	Flat	GPRS 1900	512	3D2U	1	10	0.724	-0.04	29.71	30	0.774
#25	Flat		661	3D2U	1	10	0.891	-0.08	29.50	30	1.000
#27	Flat		810	3D2U	1	10	1.110	-0.11	29.73	30	1.181
#28	Flat		661	3D2U	2	10	0.526	-0.06	29.50	30	0.590
#29	Flat		661	3D2U	3	10	0.233	0.18	29.50	30	0.261
#30	Flat		661	3D2U	4	10	0.299	0.10	29.50	30	0.335
#31	Flat		661	3D2U	5	10	0.665	0.19	29.50	30	0.746
#156	Flat		661	3D2U	6	10	0.103	-0.13	29.50	30	0.116

Index.	Position	Band	Ch.	Data Rate or Sub-Test	Side to Phantom	Spacing (mm)	SAR 1g (W/Kg)	Power Drift	Burst Avg Power	Max tune-up	Reported SAR 1g\ (W/Kg)
#18	Flat	WCDMA Band II	9262	RMC12.2K	1	10	0.831	-0.04	23.49	24	0.935
#17	Flat		9400	RMC12.2K	1	10	0.808	-0.06	23.46	24	0.915
#19	Flat		9538	RMC12.2K	1	10	0.708	-0.04	23.02	24	0.887
#20	Flat		9400	RMC12.2K	2	10	0.490	-0.01	23.46	24	0.555
#21	Flat		9400	RMC12.2K	3	10	0.239	0.09	23.46	24	0.271
#22	Flat		9400	RMC12.2K	4	10	0.448	0.08	23.46	24	0.507
#23	Flat		9400	RMC12.2K	5	10	0.507	0.14	23.46	24	0.574
#128	Flat	WCDMA Band V	4183	RMC12.2K	1	10	0.751	0.00	23.95	24	0.760
#129	Flat		4183	RMC12.2K	2	10	0.702	0.00	23.95	24	0.710
#130	Flat		4183	RMC12.2K	3	10	0.436	0.02	23.95	24	0.441
#131	Flat		4183	RMC12.2K	4	10	0.314	0.03	23.95	24	0.318
#132	Flat		4183	RMC12.2K	5	10	0.122	0.05	23.95	24	0.123
#77	Flat	CDMA 850 (BC0)	1013	RC1_SO55	1	10	0.857	0.02	24.85	25	0.887
#76	Flat		384	RC1_SO55	1	10	0.888	-0.07	24.59	25	0.976
#78	Flat		777	RC1_SO55	1	10	0.884	-0.07	24.58	25	0.974
#112	Flat		1013	RC1_SO55	2	10	0.758	0.01	24.85	25	0.785
#83	Flat		384	RC1_SO55	2	10	0.839	-0.15	24.59	25	0.922
#113	Flat		777	RC1_SO55	2	10	0.878	0.00	24.58	25	0.967
#84	Flat		384	RC1_SO55	3	10	0.565	0.01	24.59	25	0.621
#87	Flat		384	RC1_SO55	4	10	0.416	0.03	24.59	25	0.457
#88	Flat		384	RC1_SO55	5	10	0.166	-0.02	24.59	25	0.182
#80	Flat	1xRTT 850 (BC0)	1013	RC3_SO32	1	10	0.864	-0.02	24.74	25	0.917
#79	Flat		384	RC3_SO32	1	10	0.848	0.01	24.57	25	0.936
#81	Flat		777	RC3_SO32	1	10	0.878	0.03	24.61	25	0.960
#114	Flat		1013	RC3_SO32	2	10	0.774	-0.02	24.74	25	0.822
#82	Flat		384	RC3_SO32	2	10	0.838	-0.02	24.57	25	0.925
#115	Flat		777	RC3_SO32	2	10	0.885	0.01	24.61	25	0.968
#85	Flat		384	RC3_SO32	3	10	0.580	-0.03	24.57	25	0.640
#86	Flat		384	RC3_SO32	4	10	0.415	-0.11	24.57	25	0.458
#89	Flat		384	RC3_SO32	5	10	0.164	0.01	24.57	25	0.181
#91	Flat	1xEvDo 850 (BC0)	1013	Rev.0	1	10	0.826	-0.06	24.81	25	0.863
#90	Flat		384	Rev.0	1	10	0.841	0.01	24.51	25	0.941
#92	Flat		777	Rev.0	1	10	0.860	0.04	24.47	25	0.972
#116	Flat		1013	Rev.0	2	10	0.724	0.02	24.81	25	0.756
#93	Flat		384	Rev.0	2	10	0.791	-0.01	24.51	25	0.885
#117	Flat		777	Rev.0	2	10	0.843	-0.07	24.47	25	0.952
#94	Flat		384	Rev.0	3	10	0.493	0.11	24.51	25	0.552
#95	Flat		384	Rev.0	4	10	0.357	0.01	24.51	25	0.400
#118	Flat		384	Rev.0	5	10	0.130	0.03	24.51	25	0.146

Index.	Position	Band	Ch.	Data Rate or Sub-Test	Side to Phantom	Spacing (mm)	SAR 1g (W/Kg)	Power Drift	Burst Avg Power	Max tune-up	Reported SAR 1g\ (W/Kg)
#55	Flat	CDMA 1900 (BC1)	25	RC1_SO55	1	10	0.972	-0.07	24.77	25	1.025
#54	Flat		600	RC1_SO55	1	10	0.848	-0.13	24.57	25	0.936
#56	Flat		1175	RC1_SO55	1	10	0.723	-0.07	23.41	25	1.043
#57	Flat		600	RC1_SO55	2	10	0.564	0.02	24.57	25	0.623
#58	Flat		600	RC1_SO55	3	10	0.277	-0.02	24.57	25	0.306
#59	Flat		600	RC1_SO55	4	10	0.501	0.04	24.57	25	0.553
#60	Flat		600	RC1_SO55	5	10	0.485	0.04	24.57	25	0.535
#64	Flat	1xRTT 1900 (BC1)	25	RC3_SO32	1	10	0.894	-0.13	24.74	25	0.949
#63	Flat		600	RC3_SO32	1	10	0.762	0.00	24.57	25	0.841
#65	Flat		1175	RC3_SO32	1	10	0.650	-0.10	23.49	25	0.920
#70	Flat		600	RC3_SO32	2	10	0.551	-0.07	24.57	25	0.608
#71	Flat		600	RC3_SO32	3	10	0.229	0.02	24.57	25	0.253
#74	Flat		600	RC3_SO32	4	10	0.518	0.01	24.57	25	0.572
#61	Flat		600	RC3_SO32	5	10	0.485	0.04	24.57	25	0.535
#67	Flat	1xEvDo 1900 (BC1)	25	Rev.0	1	10	0.884	0.01	24.76	25	0.934
#66	Flat		600	Rev.0	1	10	0.732	0.02	24.38	25	0.844
#68	Flat		1175	Rev.0	1	10	0.649	-0.03	23.63	25	0.890
#69	Flat		600	Rev.0	2	10	0.534	-0.03	24.38	25	0.616
#72	Flat		600	Rev.0	3	10	0.224	-0.02	24.38	25	0.258
#73	Flat		600	Rev.0	4	10	0.497	0.02	24.38	25	0.573
#62	Flat		600	Rev.0	5	10	0.479	0.07	24.38	25	0.553

Index.	Position	Band	Ch.	BW (MHz)	RB Size	RB Offset	Side to Phantom	Spacing (mm)	SAR 1g (W/Kg)	Power Drift	Burst Avg Power	Max tune-up	Reported SAR 1g\ (W/Kg)
#2	Flat	LTE Band 2 (QPSK)	18700	20M	1	0	1	10	0.887	-0.05	23.86	24	0.916
#1	Flat		18900	20M	1	0	1	10	0.837	0.12	23.48	24	0.943
#3	Flat		19100	20M	1	0	1	10	0.774	-0.05	23.80	24	0.810
#8	Flat		18900	20M	1	0	2	10	0.507	-0.07	23.48	24	0.571
#9	Flat		18900	20M	1	0	3	10	0.332	-0.09	23.48	24	0.374
#12	Flat		18900	20M	1	0	4	10	0.539	0.03	23.48	24	0.608
#13	Flat		18900	20M	1	0	5	10	0.553	-0.04	23.48	24	0.623
#5	Flat		18700	20M	50	0	1	10	0.636	0.01	22.18	24	0.967
#4	Flat		18900	20M	50	0	1	10	0.591	0.05	22.35	24	0.864
#6	Flat		19100	20M	50	0	1	10	0.594	0.04	22.17	24	0.905
#7	Flat		18900	20M	50	0	2	10	0.372	0.02	22.35	24	0.544
#10	Flat		18900	20M	50	0	3	10	0.234	0.04	22.35	24	0.342
#11	Flat		18900	20M	50	0	4	10	0.382	0.17	22.35	24	0.559
#14	Flat		18900	20M	50	0	5	10	0.401	0.06	22.35	24	0.586
#15	Flat		18700	20M	100	0	1	10	0.685	-0.05	22.10	24	1.061
#34	Flat	LTE Band 4 (QPSK)	20050	20M	1	0	1	10	1.020	-0.15	23.94	24	1.034
#33	Flat		20175	20M	1	0	1	10	1.010	-0.13	23.99	24	1.012
#35	Flat		20300	20M	1	0	1	10	1.030	-0.13	23.82	24	1.074
#41	Flat		20050	20M	1	0	2	10	0.724	0.04	23.94	24	0.734
#40	Flat		20175	20M	1	0	2	10	0.820	-0.05	23.99	24	0.822
#42	Flat		20300	20M	1	0	2	10	0.801	0.01	23.82	24	0.835
#47	Flat		20175	20M	1	0	3	10	0.356	0.01	23.99	24	0.357
#50	Flat		20175	20M	1	0	4	10	0.469	-0.06	23.99	24	0.470
#51	Flat		20175	20M	1	0	5	10	0.635	0.12	23.99	24	0.636
#37	Flat		20050	20M	50	0	1	10	0.923	0.06	23.10	24	1.136
#36	Flat		20175	20M	50	0	1	10	0.904	0.05	23.01	24	1.135
#38	Flat		20300	20M	50	0	1	10	0.944	0.04	22.82	24	1.239
#44	Flat		20050	20M	50	0	2	10	0.687	0.03	23.10	24	0.845
#43	Flat		20175	20M	50	0	2	10	0.742	0.06	23.01	24	0.932
#45	Flat		20300	20M	50	0	2	10	0.707	0.09	22.82	24	0.928
#48	Flat		20175	20M	50	0	3	10	0.317	0.02	23.01	24	0.398
#49	Flat		20175	20M	50	0	4	10	0.445	0.07	23.01	24	0.559
#52	Flat		20175	20M	50	0	5	10	0.580	0.09	23.01	24	0.728
#39	Flat		20175	20M	100	0	1	10	0.913	-0.01	22.88	24	1.182
#46	Flat		20175	20M	100	0	2	10	0.690	0.03	22.88	24	0.893

Index.	Position	Band	Ch.	BW (MHz)	RB Size	RB Offset	Side to Phantom	Spacing (mm)	SAR 1g (W/Kg)	Power Drift	Burst Avg Power	Max tune-up	Reported SAR 1g\ (W/Kg)
#97	Flat	LTE Band 5 (QPSK)	20450	10M	1	0	1	10	0.731	0.11	23.43	24	0.834
#96	Flat		20525	10M	1	0	1	10	0.756	-0.01	23.35	24	0.878
#98	Flat		20600	10M	1	0	1	10	0.738	0.00	23.35	24	0.857
#103	Flat		20525	10M	1	0	2	10	0.685	-0.08	23.35	24	0.796
#104	Flat		20525	10M	1	0	3	10	0.443	-0.01	23.35	24	0.515
#107	Flat		20525	10M	1	0	4	10	0.315	0.00	23.35	24	0.366
#110	Flat		20525	10M	1	0	5	10	0.145	-0.01	23.35	24	0.168
#100	Flat		20450	10M	25	0	1	10	0.562	-0.02	22.46	24	0.801
#99	Flat		20525	10M	25	0	1	10	0.578	0.02	22.31	24	0.853
#101	Flat		20600	10M	25	0	1	10	0.554	-0.01	22.28	24	0.823
#106	Flat		20525	10M	25	0	2	10	0.523	0.02	22.31	24	0.772
#105	Flat		20525	10M	25	0	3	10	0.344	-0.02	22.31	24	0.508
#108	Flat		20525	10M	25	0	4	10	0.249	-0.09	22.31	24	0.367
#109	Flat		20525	10M	25	0	5	10	0.113	-0.03	22.31	24	0.167
#102	Flat		20450	10M	50	0	1	10	0.564	0.01	22.30	24	0.834
#143	Flat	LTE Band 7 (QPSK)	21100	20M	1	0	1	10	0.470	0.07	21.52	23	0.661
#145	Flat		21100	20M	1	0	2	10	0.442	-0.05	21.52	23	0.621
#147	Flat		21100	20M	1	0	3	10	0.035	-0.16	21.52	23	0.049
#149	Flat		21100	20M	1	0	4	10	0.555	-0.03	21.52	23	0.780
#163	Flat		20850	20M	1	0	5	10	0.615	0.12	21.69	23	0.832
#151	Flat		21100	20M	1	0	5	10	0.589	-0.16	21.52	23	0.828
#164	Flat		21350	20M	1	0	5	10	0.739	0.17	21.41	23	1.066
#144	Flat		21100	20M	50	0	1	10	0.389	-0.02	20.69	22	0.526
#146	Flat		21100	20M	50	0	2	10	0.374	0.09	20.69	22	0.506
#148	Flat		21100	20M	50	0	3	10	0.029	0.00	20.69	22	0.039
#150	Flat		21100	20M	50	0	4	10	0.482	0.14	20.69	22	0.652
#152	Flat		21100	20M	50	0	5	10	0.492	0.14	20.69	22	0.665
#165	Flat		21100	20M	100	0	5	10	0.555	0.16	20.56	22	0.773
#133	Flat	LTE Band 13 (QPSK)	23230	10M	1	0	1	10	0.574	-0.17	23.03	24	0.718
#135	Flat		23230	10M	1	0	2	10	0.437	-0.05	23.03	24	0.546
#137	Flat		23230	10M	1	0	3	10	0.271	0.06	23.03	24	0.339
#139	Flat		23230	10M	1	0	4	10	0.261	0.15	23.03	24	0.326
#141	Flat		23230	10M	1	0	5	10	0.052	0.14	23.03	24	0.065
#134	Flat		23230	10M	25	0	1	10	0.507	-0.08	22.83	24	0.664
#136	Flat		23230	10M	25	0	2	10	0.384	-0.07	22.83	24	0.503
#138	Flat		23230	10M	25	0	3	10	0.245	0.09	22.83	24	0.321
#140	Flat		23230	10M	25	0	4	10	0.229	0.06	22.83	24	0.300
#142	Flat		23230	10M	25	0	5	10	0.050	0.14	22.83	24	0.065

Index.	Position	Band	Ch.	Data Rate or Sub-Test	Side to Phantom	Spacing (mm)	Antenna	SAR 1g (W/Kg)	Power Drift	Burst Avg Power	Max tune-up	Reported SAR 1g\ (W/Kg)
#224	Flat	IEEE 802.11b	11	1M	1	10	Antenna1	0.008	0.13	9.90	10.0	0.008
#153	Flat		11	1M	3	10	Antenna1	0.031	-0.07	9.90	10.0	0.032
#225	Flat		1	1M	1	10	Antenna2	0.014	0.09	8.57	9.5	0.017
#167	Flat		1	1M	3	10	Antenna2	0.027	0.11	8.57	9.5	0.033
#226	Flat	IEEE 802.11g	6	6M	1	10	Antenna1	0.011	0.17	9.70	10.0	0.012
#168	Flat		6	6M	3	10	Antenna1	0.041	0.03	9.70	10.0	0.044
#227	Flat		1	6M	1	10	Antenna2	0.014	-0.05	8.23	9.5	0.019
#169	Flat		1	6M	3	10	Antenna2	0.025	0.04	8.23	9.5	0.033
#228	Flat	IEEE 802.11n (2.4GHz) 20MHz	1	6.5M	1	10	Antenna1	0.015	-0.10	7.47	9.0	0.021
#154	Flat		1	6.5M	3	10	Antenna1	0.018	0.18	7.47	9.0	0.026
#229	Flat		1	6.5M	1	10	Antenna2	0.011	0.18	7.99	9.0	0.014
#155	Flat		1	6.5M	3	10	Antenna2	0.015	0.03	7.99	9.0	0.019
#230	Flat	IEEE 802.11n (2.4GHz) 40MHz	6	13.5M	1	10	Antenna1	0.012	-0.02	7.88	8.5	0.014
#158	Flat		6	13.5M	3	10	Antenna1	0.024	0.02	7.88	8.5	0.028
#231	Flat		6	13.5M	1	10	Antenna2	0.010	0.17	8.04	8.5	0.011
#159	Flat		6	13.5M	3	10	Antenna2	0.022	-0.11	8.04	8.5	0.024
#181	Flat	IEEE 802.11a	36	6M	1	10	Antenna1	0.041	-0.04	8.25	9.0	0.049
#184	Flat		40	6M	1	10	Antenna1	0.044	0.06	7.93	9.0	0.056
#185	Flat		149	6M	1	10	Antenna1	0.044	0.16	6.48	8.0	0.062
#186	Flat		153	6M	1	10	Antenna1	0.045	0.11	6.59	8.0	0.062
#180	Flat		36	6M	3	10	Antenna1	0.062	0.08	8.25	9.0	0.074
#189	Flat		40	6M	3	10	Antenna1	0.068	-0.02	7.93	9.0	0.087
#187	Flat		149	6M	3	10	Antenna1	0.084	0.14	6.48	8.0	0.119
#188	Flat		153	6M	3	10	Antenna1	0.085	0.15	6.59	8.0	0.118
#182	Flat		36	6M	1	10	Antenna2	0.033	-0.19	7.96	9.0	0.042
#190	Flat		40	6M	1	10	Antenna2	0.033	-0.07	7.69	9.0	0.045
#191	Flat		149	6M	1	10	Antenna2	0.094	0.08	6.19	8.0	0.143
#192	Flat		153	6M	1	10	Antenna2	0.095	0.02	6.35	8.0	0.139
#183	Flat		36	6M	3	10	Antenna2	0.055	-0.04	7.96	9.0	0.070
#193	Flat		40	6M	3	10	Antenna2	0.055	-0.01	7.69	9.0	0.074
#194	Flat		149	6M	3	10	Antenna2	0.167	0.14	6.19	8.0	0.253
#195	Flat		153	6M	3	10	Antenna2	0.169	0.17	6.35	8.0	0.247

Index.	Position	Band	Ch.	Data Rate or Sub-Test	Side to Phantom	Spacing (mm)	Antenna	SAR 1g (W/Kg)	Power Drift	Burst Avg Power	Max tune-up	Reported SAR 1g\ (W/Kg)
#196	Flat	IEEE 802.11n (5GHz) 20 MHz	36	6.5M	1	10	Antenna1	0.045	0.13	8.20	9.0	0.054
#172	Flat		40	6.5M	1	10	Antenna1	0.046	0.05	8.23	9.0	0.055
#197	Flat		157	6.5M	1	10	Antenna1	0.046	0.14	6.30	8.0	0.068
#198	Flat		161	6.5M	1	10	Antenna1	0.047	0.04	6.32	8.0	0.069
#199	Flat		36	6.5M	3	10	Antenna1	0.064	-0.11	8.20	9.0	0.077
#173	Flat		40	6.5M	3	10	Antenna1	0.065	-0.01	8.23	9.0	0.078
#200	Flat		157	6.5M	3	10	Antenna1	0.076	-0.04	6.30	8.0	0.112
#201	Flat		161	6.5M	3	10	Antenna1	0.077	-0.01	6.32	8.0	0.113
#202	Flat		36	6.5M	1	10	Antenna2	0.035	-0.05	7.83	9.0	0.046
#174	Flat		40	6.5M	1	10	Antenna2	0.035	-0.18	7.89	9.0	0.045
#203	Flat		157	6.5M	1	10	Antenna2	0.087	0.13	6.22	8.0	0.131
#204	Flat		161	6.5M	1	10	Antenna2	0.088	0.17	6.20	8.0	0.133
#205	Flat		36	6.5M	3	10	Antenna2	0.054	0.16	7.83	9.0	0.071
#175	Flat		40	6.5M	3	10	Antenna2	0.054	0.07	7.89	9.0	0.070
#206	Flat		157	6.5M	3	10	Antenna2	0.134	0.1	6.22	8.0	0.202
#207	Flat		161	6.5M	3	10	Antenna2	0.136	0.01	6.20	8.0	0.206
#176	Flat	IEEE 802.11n (5GHz) 40 MHz	38	13.5M	1	10	Antenna1	0.037	-0.02	7.92	9.0	0.047
#208	Flat		46	13.5M	1	10	Antenna1	0.038	-0.02	7.50	9.0	0.054
#209	Flat		151	13.5M	1	10	Antenna1	0.04	-0.16	6.34	8.0	0.059
#210	Flat		159	13.5M	1	10	Antenna1	0.041	-0.19	6.50	8.0	0.058
#177	Flat		38	13.5M	3	10	Antenna1	0.060	-0.11	7.92	9.0	0.077
#211	Flat		46	13.5M	3	10	Antenna1	0.061	-0.01	7.50	9.0	0.086
#212	Flat		151	13.5M	3	10	Antenna1	0.073	0.08	6.34	8.0	0.107
#213	Flat		159	13.5M	3	10	Antenna1	0.075	0.17	6.50	8.0	0.106
#178	Flat		38	13.5M	1	10	Antenna2	0.032	0.14	7.49	9.0	0.045
#214	Flat		46	13.5M	1	10	Antenna2	0.033	0.18	7.20	9.0	0.050
#215	Flat		151	13.5M	1	10	Antenna2	0.078	0.02	6.04	8.0	0.122
#216	Flat		159	13.5M	1	10	Antenna2	0.079	0.16	6.25	8.0	0.118
#179	Flat		38	13.5M	3	10	Antenna2	0.048	0.15	7.49	9.0	0.068
#217	Flat		46	13.5M	3	10	Antenna2	0.049	0.05	7.20	9.0	0.074
#218	Flat		151	13.5M	3	10	Antenna2	0.128	0.01	6.04	8.0	0.201
#219	Flat		159	13.5M	3	10	Antenna2	0.130	0.18	6.25	8.0	0.195

Index.	Position	Band	Ch.	Data Rate or Sub-Test	Side to Phantom	Spacing (mm)	Antenna	SAR 1g (W/Kg)	Power Drift	Burst Avg Power	Max tune-up	Reported SAR 1g\ (W/Kg)
#160	Flat	IEEE 802.11ac (5GHz) 80 MHz	42	29.3M	1	10	Antenna1	0.041	0.09	8.25	9.0	0.049
#220	Flat		155	29.3M	1	10	Antenna1	0.036	0.13	6.17	8.0	0.055
#162	Flat		42	29.3M	3	10	Antenna1	0.050	-0.16	8.25	9.0	0.059
#221	Flat		155	29.3M	3	10	Antenna1	0.076	0.14	6.17	8.0	0.116
#170	Flat		42	29.3M	1	10	Antenna2	0.029	0.05	7.93	9.0	0.037
#222	Flat		155	29.3M	1	10	Antenna2	0.039	-0.14	6.02	8.0	0.062
#171	Flat		42	29.3M	3	10	Antenna2	0.044	0.1	7.93	9.0	0.056
#223	Flat		155	29.3M	3	10	Antenna2	0.073	0.14	6.02	8.0	0.115

11.3 SAR Measurement Variability

Detailed evaluations please refer KDB 865664 on "SAR test reduction according to KDB" section.

Index.	Position	Band	Ch.	Side to Phantom	Spacing (mm)	Number of times	SAR 1g (W/Kg)	Power Drift	Burst Avg Power	Max tune-up	Reported SAR 1g (W/Kg)	Repeated measure-ment Ratio
#123	Flat	GPRS 850 (3D2U)	251	1	10	1	0.863	0.03	30.46	32	1.230	1<1.2
#32	Flat	GPRS 1900 (3D2U)	810	1	10	1	1.100	-0.01	29.73	30	1.171	1.01<1.2
#24	Flat	WCDMA Band II (RMC12.2K)	9262	1	10	1	0.832	-0.03	23.49	24	0.936	1<1.2
#119	Flat	CDMA 850 (RC1_SO55)	384	1	10	1	0.906	-0.10	24.59	25	0.996	1.02<1.2
#75	Flat	CDMA 1900 (RC1_SO55)	1175	1	10	1	0.644	-0.13	23.41	25	0.929	1.12<1.2

Index.	Position	Band	Ch.	BW (MHz)	RB Size	RB Offset	Side to Phantom	Spacing (mm)	Number of times	SAR 1g (W/Kg)	Power Drift	Burst Avg Power	Max tune-up	Reported SAR 1g (W/Kg)	Repeated measure-ment Ratio
#16	Flat	LTE Band 2 (QPSK)	18700	20	100	0	1	10	1	0.661	0.03	22.10	24	1.024	1.04<1.2
#53	Flat	LTE Band 4 (QPSK)	20300	20	50	0	1	10	1	1.050	-0.05	22.82	24	1.378	1.11<1.2
#111	Flat	LTE Band 5 (QPSK)	20525	10	1	0	1	10	1	0.804	0.01	23.35	24	0.934	1.06<1.2
#166	Flat	LTE Band 7 (QPSK)	21350	20	1	0	5	10	1	0.744	0.13	21.41	23	1.073	1.01<1.2

Note:
1. The According KDB 447498 D01 V05r02 section 4.1.4, the “Reported” explanation as below: “When SAR or MPE is measured at or scaled to the maximum tune-up tolerance limit, the results are referred to as reported”.
2. If actual power less than tune-up power that Scaling SAR is required.
3. The formula of Reported SAR, that represent as below:
   Reported SAR = Original SAR * 10^[(Tune-up power - Actual power)/10
4. Perform a second repeated measurement the ratio of largest to smallest SAR for the original and first repeated measurements is < 1.2,the original or repeated measurement is ≥ 1.45 W/kg (~ 10% from the 1-g SAR limit).
5. Perform a second repeated measurement the ratio of largest to smallest SAR for the original and first repeated measurements is < 1.2,the original or repeated measurement is ≥ 1.45 W/kg (~ 10% from the 1-g SAR limit).

11.4 Std. C95.1-1999 RF Exposure Limit

Human Exposure	Population Uncontrolled Exposure (W/kg) or (mW/g)	Occupational Controlled Exposure (W/kg) or (mW/g)
Spatial Peak SAR* (head)	1.60	8.00
Spatial Peak SAR** (Whole Body)	0.08	0.40
Spatial Peak SAR*** (Partial-Body)	1.60	8.00
Spatial Peak SAR**** (Hands / Feet / Ankle / Wrist)	4.00	20.00

Table 12. Safety Limits for Partial Body Exposure

Notes：

***** The Spatial Peak value of the SAR averaged over any 1 gram of tissue.
(defined as a tissue volume in the shape of a cube) and over the appropriate averaging time.

****** The Spatial Average value of the SAR averaged over the whole – body.

******* The Spatial Average value of the SAR averaged over the partial – body.

******** The Spatial Peak value of the SAR averaged over any 10 grams of tissue.
(defined as a tissue volume in the shape of a cube) and over the appropriate averaging time.

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

Occupational / Controlled Environments **：** are defined as locations where there is exposure that may be incurred by persons who are aware of the potential for exposure, (i.e. as a result of employment or occupation).

12. Conclusion

The SAR test values found for the portable mobile phone **Netgear Inc. Trade Name：NETGEAR Model(s)：AC791L** is below the maximum recommended level of 1.6 W/kg (mW/g).

13. References

[1] Std. C95.1-1999, "*American National Standard safety levels with respect to human exposure to radio frequency electromagnetic fields, 300KHz to 100GHz",* New York.

[2] NCRP, National Council on Radiation Protection and Measurements, "Biological Effects and Exposure Criteria for Radio frequency Electromagnetic Fields", NCRP report NO. 86, 1986.

[3] T. Schmid, O. Egger, and N. Kuster, "Automatic E-field scanning system for dosimetric assessments", IEEE Transactions on Microwave Theory and Techniques, vol. 44, pp, 105-113, Jan. 1996.

[4] K. Pokovi ć, T. Schmid, and N. Kuster, "Robust setup for precise calibration of E-field probes in tissue simulating liquids at mobile communications frequency", in ICECOM'97, Dubrovnik, October 15-17, 1997, pp.120-124.

[5] K. Pokovi ć, T. Schmid, and N. Kuster, "E-field probe with improved isotropy in brain simulating liquids", in Proceedings of the ELMAR, Zadar, Croatia, 23-25 June, 1996, pp.172-175.

[6] N. Kuster, and Q. Balzano, "Energy absorption mechanism by biological bodies in the near field of dipole antennas above 300MHz", IEEE Transaction on Vehicular Technology, vol. 41, no. 1, Feb. 1992, pp. 17-23.

[7] Robert J. Renka, "Multivariate Interpolation Of Large Sets Of Scattered Data", University of North Texas ACM Transactions on Mathematical Software, vol. 14, no. 2, June 1988 , pp. 139-148.

[8] N. Kuster, R. Kastle, T. Schmid, Dosimetric evaluation of mobile communications equipment with known precision, IEEE Transaction on Communications, vol. E80-B, no. 5, May 1997, pp. 645-652.

[9] Std. C95.3-1991, "IEEE Recommended Practice for the Measurement of Potentially Hazardous Electromagnetic Fields – RF and Microwave, New York: IEEE, Aug. 1992.

[10] CENELEC CLC/SC111B, European Prestandard (prENV 50166-2), Human Exposure to Electromagnetic Fields High-frequency: 10KHz-300GHz, Jan. 1995.

[11] IEEE Std 1528™-2003 - IEEE Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head From Wireless Communications Devices: Measurement Techniques

[12] IEEE Std 1528a™-2005 (Amendment to IEEE Std 1528™-2003), IEEE Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques

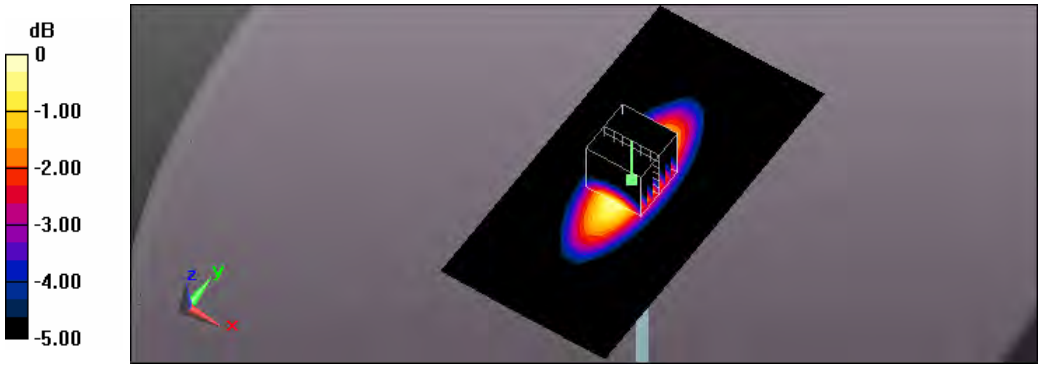
Appendix A - System Performance Check

Test Laboratory: A Test Lab Techno Corp.
Date: 2015/4/27Time: PM 05:05:50
System Performance Check at 835MHz_20150427_Body
DUT: Dipole 835 MHz;Type: D835V2;Serial: D835V2 - SN:4d082
Communication System: UID 0, CW (0);Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.997 S/m; ε_r = 55.891; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

System Performance Check at 835MHz/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.14 W/kg

System Performance Check at 835MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 57.16 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 3.68 W/kg
SAR(1 g) = 2.49 W/kg; SAR(10 g) = 1.63 W/kg
Maximum value of SAR (measured) = 3.14 W/kg



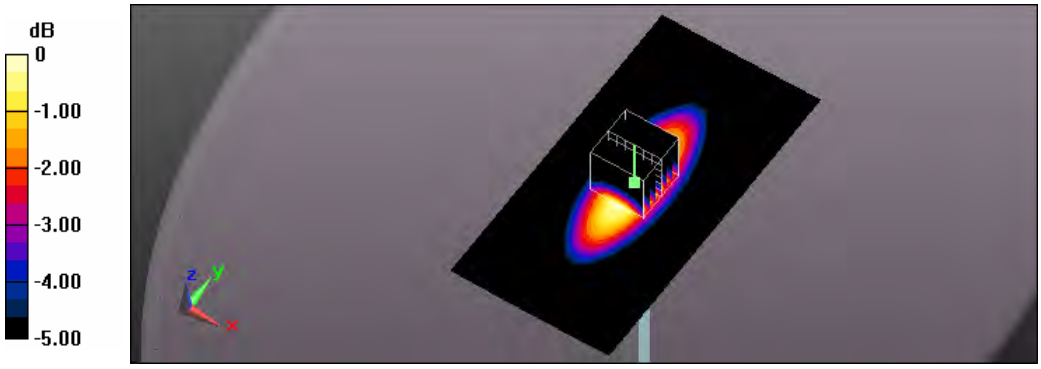
0 dB = 3.14 W/kg = 4.97 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2015/4/28Time: PM 04:44:20
System Performance Check at 835MHz_20150428_Body
DUT: Dipole 835 MHz;Type: D835V2;Serial: D835V2 - SN:4d082
Communication System: UID 0, CW (0);Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.997 S/m; ε_r = 55.891; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

System Performance Check at 835MHz/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.24 W/kg

System Performance Check at 835MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 57.37 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 3.68 W/kg
SAR(1 g) = 2.47 W/kg; SAR(10 g) = 1.62 W/kg
Maximum value of SAR (measured) = 3.13 W/kg



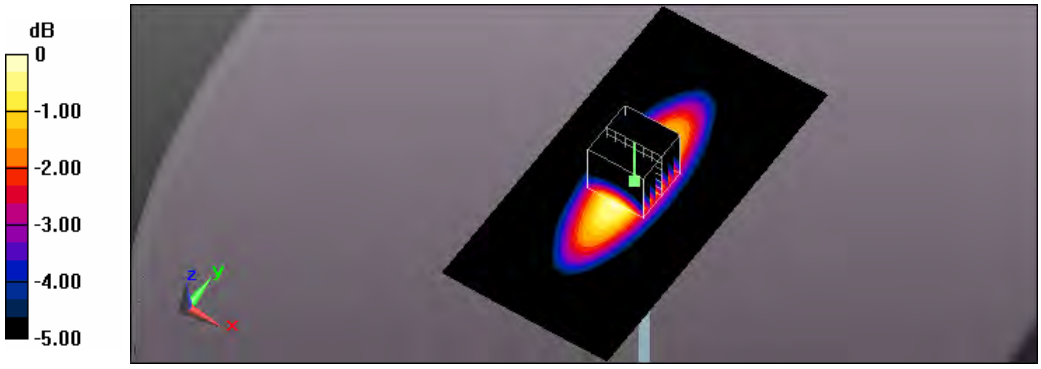
0 dB = 3.13 W/kg = 4.96 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2015/4/29Time: PM 04:05:54
System Performance Check at 835MHz_20150429_Body
DUT: Dipole 835 MHz;Type: D835V2;Serial: D835V2 - SN:4d082
Communication System: UID 0, CW (0);Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.989 S/m; ε_r = 54.598; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

System Performance Check at 835MHz/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.89 W/kg

System Performance Check at 835MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 54.85 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 3.32 W/kg
SAR(1 g) = 2.29 W/kg; SAR(10 g) = 1.54 W/kg
Maximum value of SAR (measured) = 2.86 W/kg



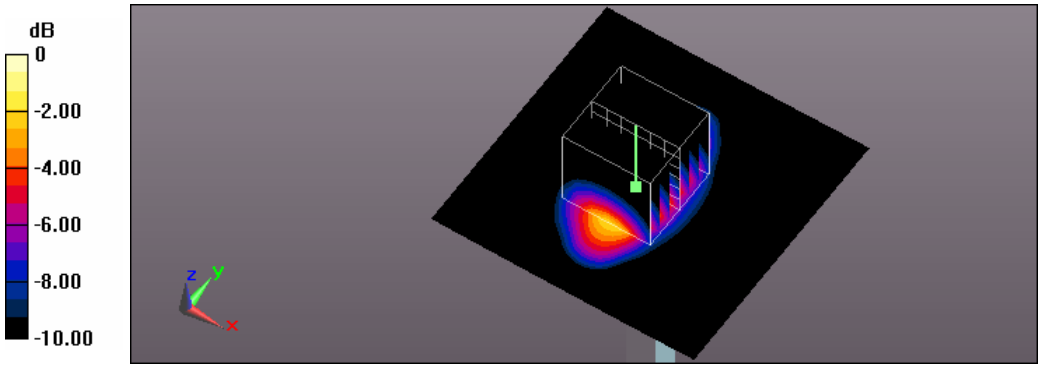
0 dB = 2.86 W/kg = 4.56 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2015/4/24Time: AM 10:17:18
System Performance Check at 1750MHz_20150424_Body
DUT: Dipole D1750V2_SN1023;Type: D1750V2;Serial: D1750V2 - SN:1023
Communication System: UID 0, CW (0);Frequency: 1750 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1750 MHz; σ = 1.5 S/m; ε_r = 54.239; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.65, 7.65, 7.65); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

System Performance Check at 1750MHz/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 13.4 W/kg

System Performance Check at 1750MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 93.72 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 16.7 W/kg
SAR(1 g) = 9.4 W/kg; SAR(10 g) = 4.96 W/kg
Maximum value of SAR (measured) = 13.4 W/kg



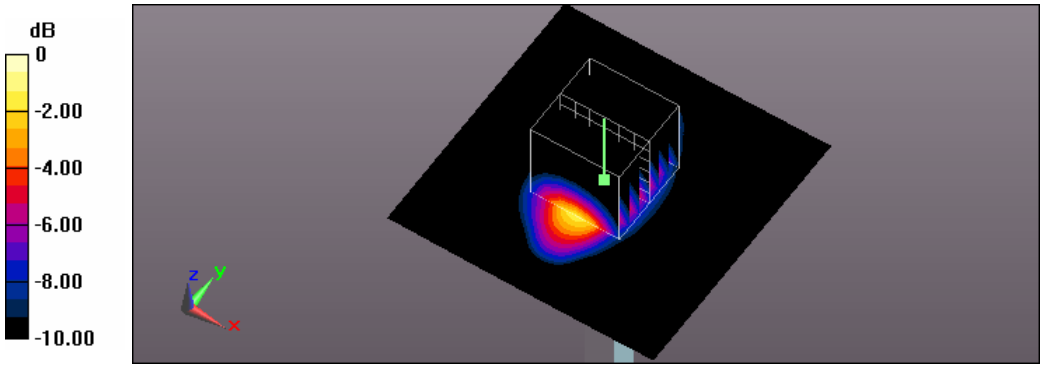
0 dB = 13.4 W/kg = 11.27 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2015/4/23Time: PM 03:37:52
System Performance Check at 1900MHz_20150423_Body
DUT: Dipole D1900V2_SN5d111;Type: D1900V2;Serial: D1900V2 - SN:5d111
Communication System: UID 0, CW (0);Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.477 S/m; ε_r = 54.064; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

System Performance Check at 1900MHz/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 14.4 W/kg

System Performance Check at 1900MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 99.62 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 19.1 W/kg
SAR(1 g) = 10.2 W/kg; SAR(10 g) = 5.22 W/kg
Maximum value of SAR (measured) = 14.9 W/kg



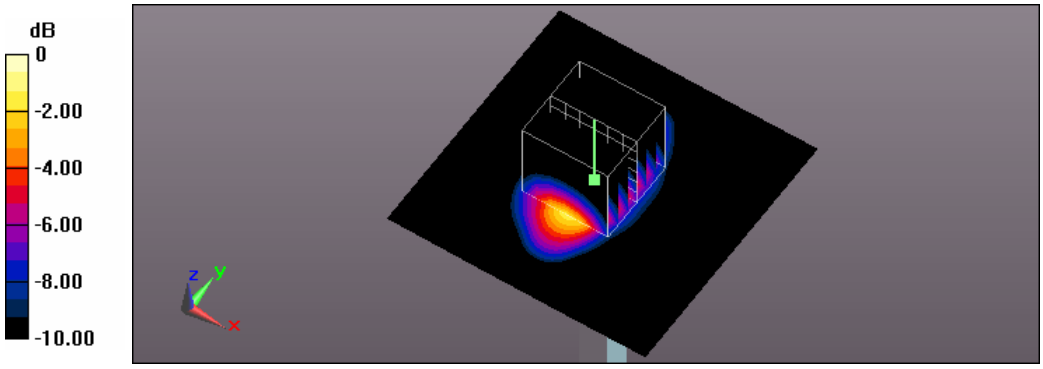
0 dB = 14.9 W/kg = 11.73 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2015/4/24Time: PM 10:42:23
System Performance Check at 1900MHz_20150424_Body
DUT: Dipole D1900V2_SN5d111;Type: D1900V2;Serial: D1900V2 - SN:5d111
Communication System: UID 0, CW (0);Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.477 S/m; ε_r = 54.064; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

System Performance Check at 1900MHz/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 14.9 W/kg

System Performance Check at 1900MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 99.61 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 19.4 W/kg
SAR(1 g) = 10.4 W/kg; SAR(10 g) = 5.3 W/kg
Maximum value of SAR (measured) = 15.2 W/kg



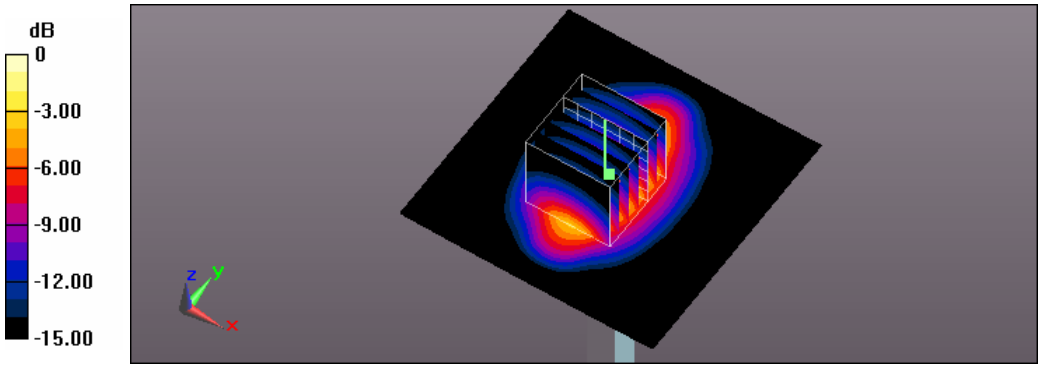
0 dB = 15.2 W/kg = 11.82 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2015/4/27Time: AM 09:47:42
System Performance Check at 1900MHz_20150427_Body
DUT: Dipole D1900V2_SN5d111;Type: D1900V2;Serial: D1900V2 - SN:5d111
Communication System: UID 0, CW (0);Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.477 S/m; ε_r = 54.064; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

System Performance Check at 1900MHz/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 14.7 W/kg

System Performance Check at 1900MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 101.6 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 18.8 W/kg
SAR(1 g) = 10.2 W/kg; SAR(10 g) = 5.21 W/kg
Maximum value of SAR (measured) = 14.7 W/kg



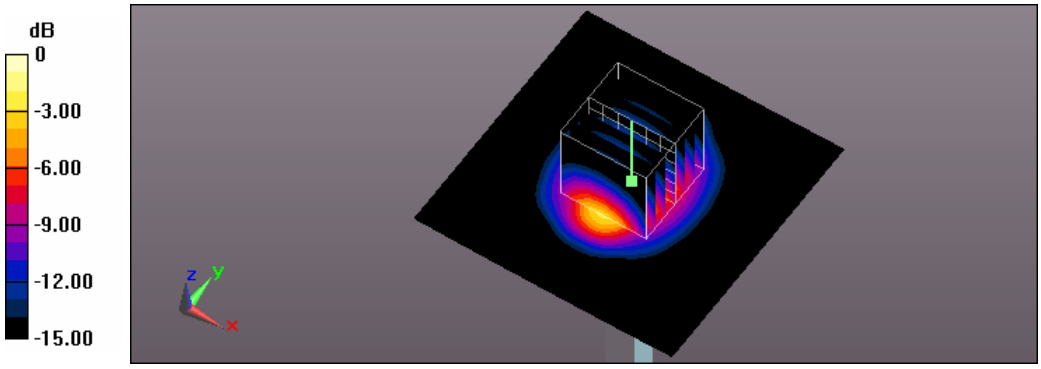
0 dB = 14.7 W/kg = 11.67 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2015/5/5Time: AM 11:09:00
System Performance Check at 2450MHz_20150505_Body
DUT: Dipole 2450 MHz;Type: D2450V2;Serial: D2450V2 - SN:712
Communication System: UID 0, CW (0);Frequency: 2450 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.954 S/m; ε_r = 54.379; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.29, 7.29, 7.29); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

System Performance Check at 2450MHz/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 20.1 W/kg

System Performance Check at 2450MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 103.9 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 26.1 W/kg
SAR(1 g) = 13.3 W/kg; SAR(10 g) = 6.22 W/kg
Maximum value of SAR (measured) = 20.1 W/kg



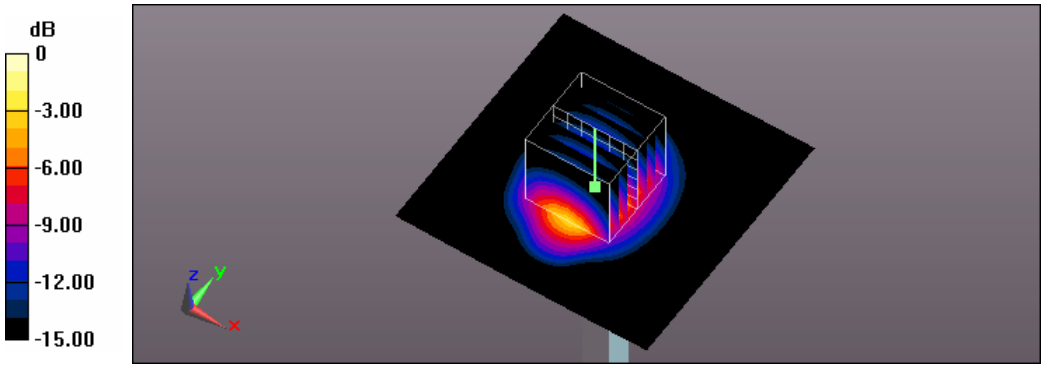
0 dB = 20.1 W/kg = 13.03 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2015/7/3Time: PM 02:45:33
System Performance Check at 2450MHz_20150703_Body
DUT: Dipole 2450 MHz;Type: D2450V2;Serial: D2450V2 - SN:712
Communication System: UID 0, CW (0);Frequency: 2450 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.954 S/m; ε_r = 54.379; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.29, 7.29, 7.29); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

System Performance Check at 2450MHz/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 19.0 W/kg

System Performance Check at 2450MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 99.63 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 25.1 W/kg
SAR(1 g) = 13.2 W/kg; SAR(10 g) = 6.35 W/kg
Maximum value of SAR (measured) = 19.7 W/kg



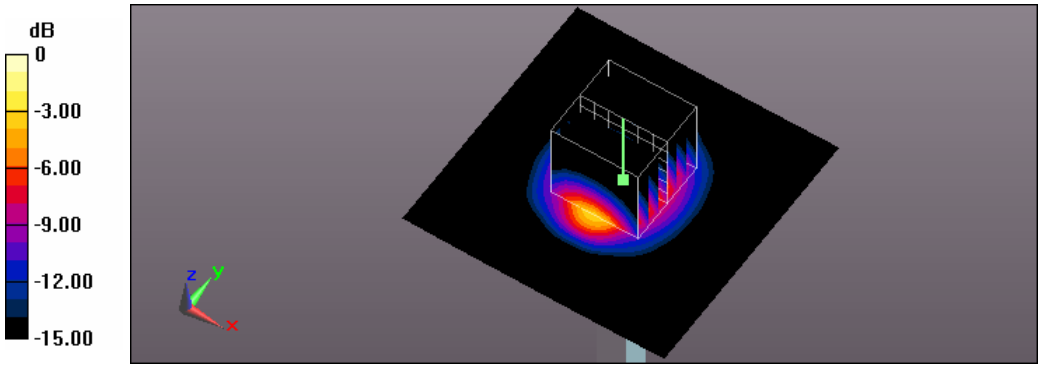
0 dB = 19.7 W/kg = 12.94 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2015/5/4Time: AM 10:08:43
System Performance Check at 2600MHz_20150504_Body
DUT: Dipole 2600 MHz;Type: D2600V2;Serial: D2600V2 - SN:1007
Communication System: UID 0, CW (0);Frequency: 2600 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2600 MHz; σ = 2.192 S/m; ε_r = 50.75; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.19, 7.19, 7.19); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

System Performance Check at 2600MHz/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 22.5 W/kg

System Performance Check at 2600MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 104.0 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 31.0 W/kg
SAR(1 g) = 14.5 W/kg; SAR(10 g) = 6.36 W/kg
Maximum value of SAR (measured) = 22.6 W/kg



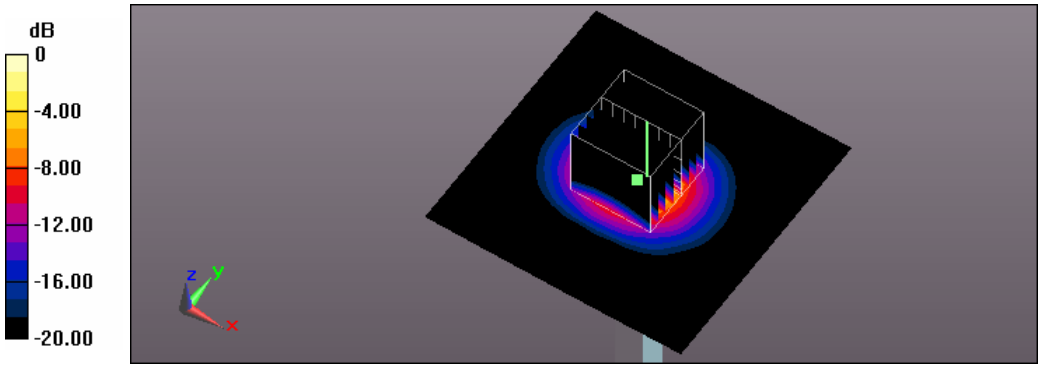
0 dB = 22.6 W/kg = 13.54 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2015/5/6Time: PM 04:04:15
System Performance Check at 5200MHz_20150506_Body
DUT: Dipole 5GHzV2;Type: D5GHz;Serial: 1021
Communication System: UID 0, CW (0);Frequency: 5200 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; σ = 5.52 S/m; ε_r = 47.76; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.96, 4.96, 4.96); Calibrated: 2015/1/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

System Performance Check at 5200MHz/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 19.1 W/kg

System Performance Check at 5200MHz/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 53.97 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 34.0 W/kg
SAR(1 g) = 7.89 W/kg; SAR(10 g) = 2.22 W/kg
Maximum value of SAR (measured) = 18.6 W/kg



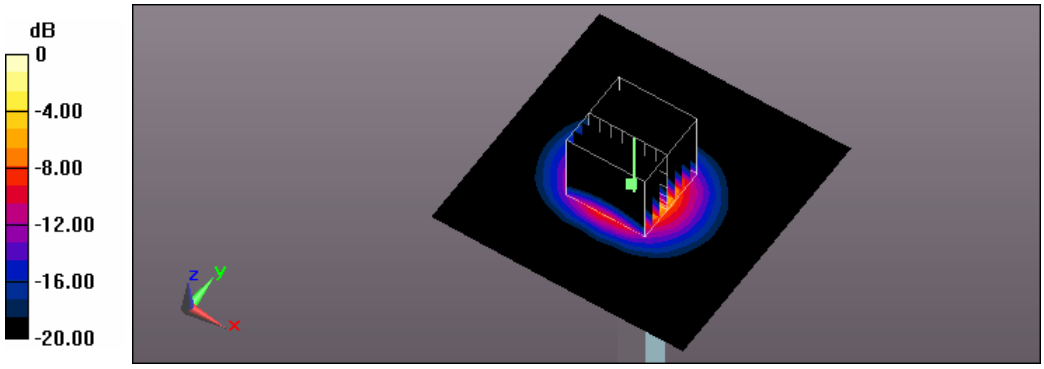
0 dB = 18.6 W/kg = 12.70 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2015/6/17Time: AM 10:44:21
System Performance Check at 5200MHz_20150617_Body
DUT: Dipole 5GHzV2;Type: D5GHz;Serial: 1021
Communication System: UID 0, CW (0);Frequency: 5200 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; σ = 5.52 S/m; ε_r = 47.76; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.96, 4.96, 4.96); Calibrated: 2015/1/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

System Performance Check at 5200MHz/Area Scan (91x91x1):
Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 19.5 W/kg

System Performance Check at 5200MHz/Zoom Scan (8x8x7)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 58.75 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 34.3 W/kg
SAR(1 g) = 8.06 W/kg; SAR(10 g) = 2.27 W/kg
Maximum value of SAR (measured) = 19.3 W/kg



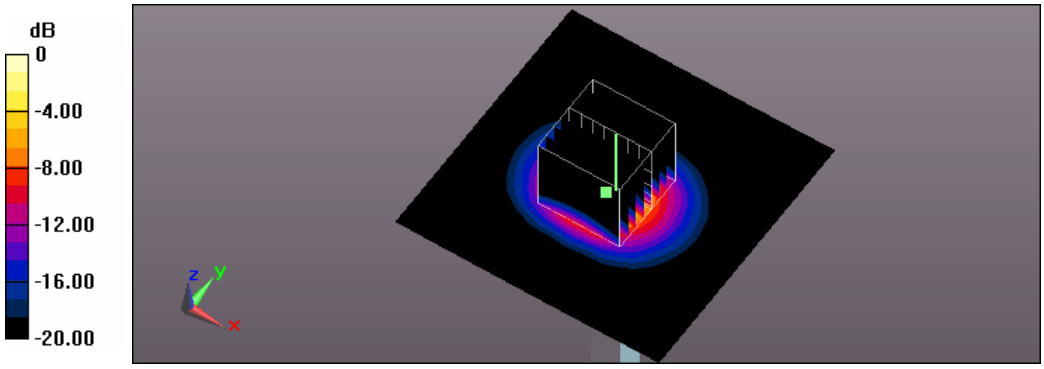
0 dB = 19.3 W/kg = 12.86 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2015/6/18Time: AM 09:07:10
System Performance Check at 5200MHz_20150618_Body
DUT: Dipole 5GHzV2;Type: D5GHz;Serial: 1021
Communication System: UID 0, CW (0);Frequency: 5200 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; σ = 5.52 S/m; ε_r = 47.76; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.96, 4.96, 4.96); Calibrated: 2015/1/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

System Performance Check at 5200MHz/Area Scan (91x91x1):
Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 18.3 W/kg

System Performance Check at 5200MHz/Zoom Scan (8x8x7)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 56.04 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 32.8 W/kg
SAR(1 g) = 7.67 W/kg; SAR(10 g) = 2.15 W/kg
Maximum value of SAR (measured) = 18.5 W/kg



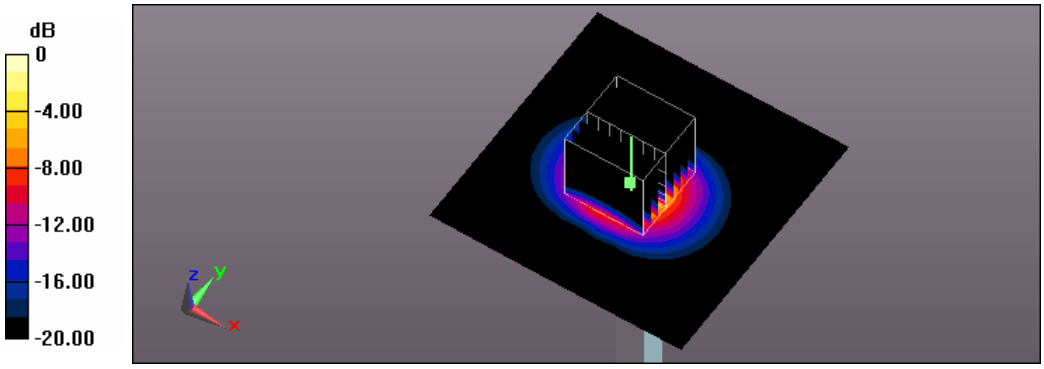
0 dB = 18.5 W/kg = 12.67 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2015/6/17Time: AM 11:46:41
System Performance Check at 5800MHz_20150617_Body
DUT: Dipole 5GHzV2;Type: D5GHz;Serial: 1021
Communication System: UID 0, CW (0);Frequency: 5800 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5800 MHz; σ = 6.27 S/m; ε_r = 46.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.35, 4.35, 4.35); Calibrated: 2015/1/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

System Performance Check at 5800MHz/Area Scan (91x91x1):
Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 19.6 W/kg

System Performance Check at 5800MHz/Zoom Scan (8x8x7)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 54.43 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 37.8 W/kg
SAR(1 g) = 7.61 W/kg; SAR(10 g) = 2.11 W/kg
Maximum value of SAR (measured) = 19.1 W/kg



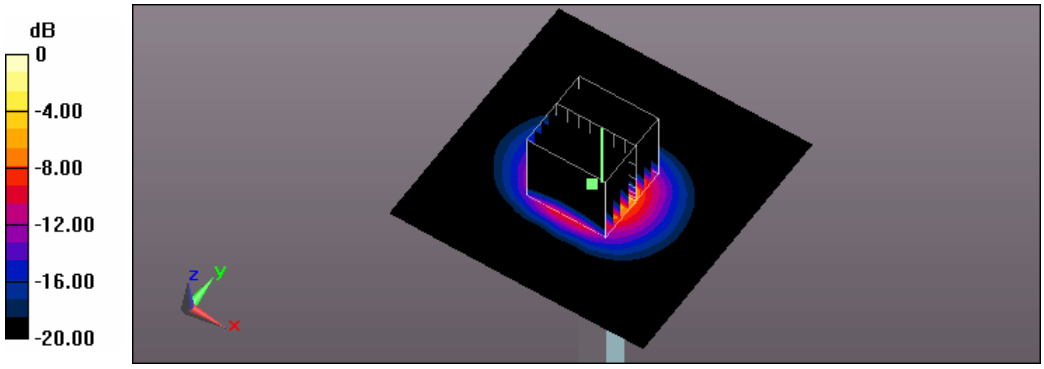
0 dB = 19.1 W/kg = 12.81 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2015/6/18Time: AM 10:11:58
System Performance Check at 5800MHz_20150618_Body
DUT: Dipole 5GHzV2;Type: D5GHz;Serial: 1021
Communication System: UID 0, CW (0);Frequency: 5800 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5800 MHz; σ = 6.27 S/m; ε_r = 46.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.35, 4.35, 4.35); Calibrated: 2015/1/30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

System Performance Check at 5800MHz/Area Scan (91x91x1):
Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 19.8 W/kg

System Performance Check at 5800MHz/Zoom Scan (8x8x7)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 53.86 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 39.2 W/kg
SAR(1 g) = 7.79 W/kg; SAR(10 g) = 2.16 W/kg
Maximum value of SAR (measured) = 19.9 W/kg



0 dB = 19.9 W/kg = 12.99 dBW/kg

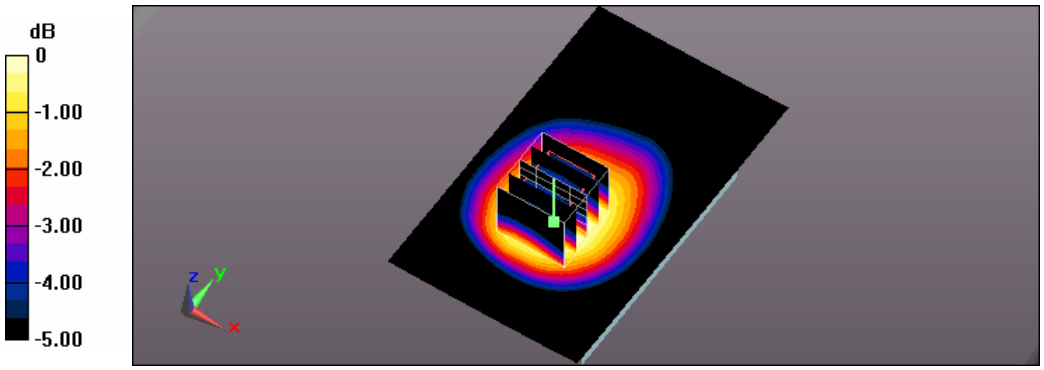
Appendix B - SAR Measurement Data

Test Laboratory: A Test Lab Techno Corp.
Date: 2015/4/29Time: AM 02:07:09
121_Flat_GPRS 850 CH128_3D2U_side 1 surface to phantom 10mm
DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045
Communication System: UID 0, GPRS 850 (3Down, 2Up) (0);Frequency: 824.2 MHz;Duty Cycle: 1:4
Medium parameters used: f = 824.2 MHz; σ = 0.985 S/m; ε_r = 55.891; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.617 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.36 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.676 W/kg
SAR(1 g) = 0.528 W/kg; SAR(10 g) = 0.397 W/kg
Maximum value of SAR (measured) = 0.607 W/kg



0 dB = 0.607 W/kg = -2.17 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/29Time: AM 01:50:42

120_Flat_GPRS 850 CH190_3D2U_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, GPRS 850 (3Down, 2Up) (0);Frequency: 836.6 MHz;Duty Cycle: 1:4

Medium parameters used: f = 837 MHz; σ = 1.001 S/m; ε_r = 55.892; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.935 W/kg

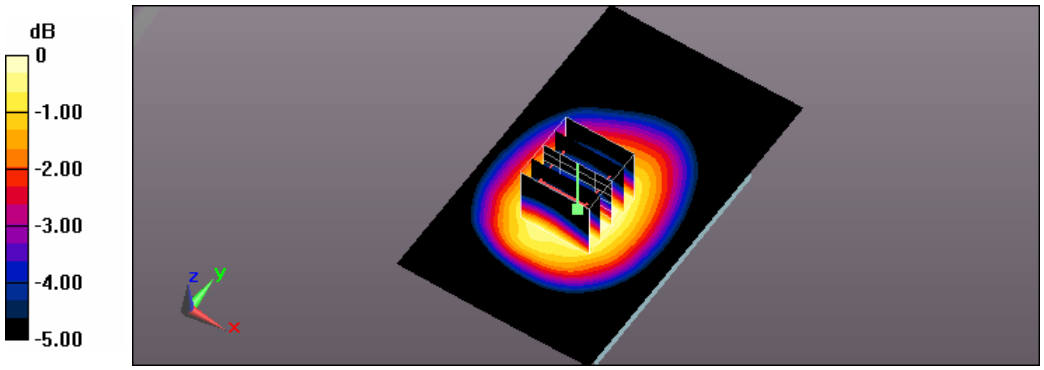
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.10 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.800 W/kg; SAR(10 g) = 0.604 W/kg

Maximum value of SAR (measured) = 0.926 W/kg



0 dB = 0.926 W/kg = -0.33 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/29Time: AM 02:49:42

122_Flat_GPRS 850 CH251_3D2U_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, GPRS 850 (3Down, 2Up) (0);Frequency: 848.8 MHz;Duty Cycle: 1:4

Medium parameters used: f = 849 MHz; σ = 1.016 S/m; ε_r = 55.876; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

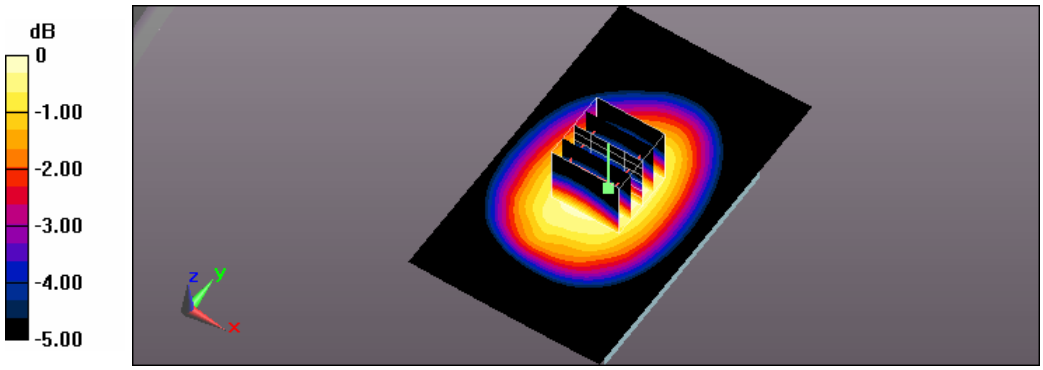
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.46 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.866 W/kg; SAR(10 g) = 0.654 W/kg

Maximum value of SAR (measured) = 0.997 W/kg



0 dB = 0.997 W/kg = -0.01 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/29Time: AM 03:23:13

124_Flat_GPRS 850 CH190_3D2U_side 2 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, GPRS 850 (3Down, 2Up) (0);Frequency: 836.6 MHz;Duty Cycle: 1:4

Medium parameters used: f = 837 MHz; σ = 1.001 S/m; ε_r = 55.892; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.716 W/kg

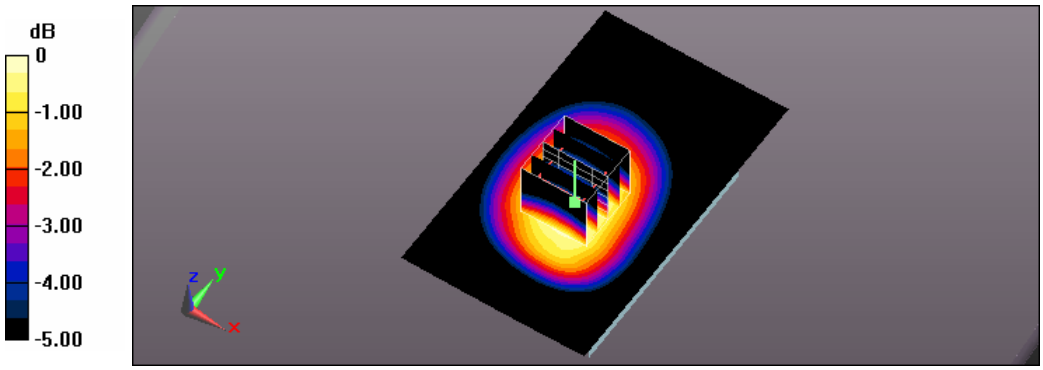
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.28 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.785 W/kg

SAR(1 g) = 0.611 W/kg; SAR(10 g) = 0.456 W/kg

Maximum value of SAR (measured) = 0.709 W/kg



0 dB = 0.709 W/kg = -1.49 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/29Time: AM 03:40:19

125_Flat_GPRS 850 CH190_3D2U_side 3 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, GPRS 850 (3Down, 2Up) (0);Frequency: 836.6 MHz;Duty Cycle: 1:4

Medium parameters used: f = 837 MHz; σ = 1.001 S/m; ε_r = 55.892; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.492 W/kg

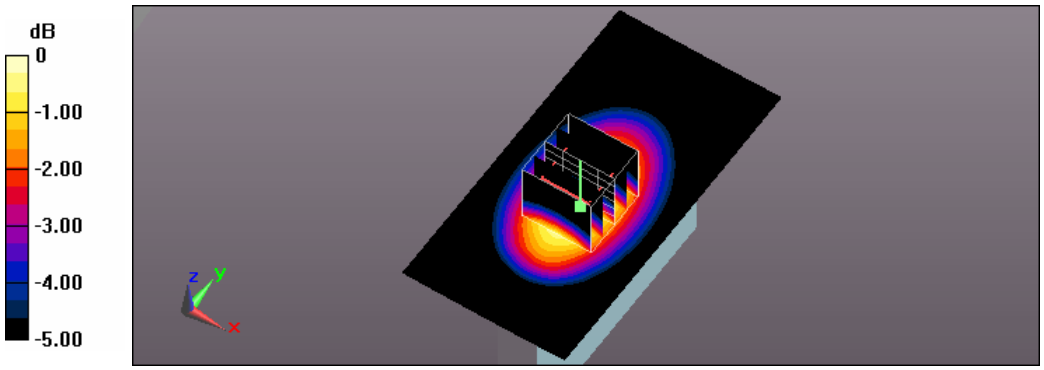
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.05 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.568 W/kg

SAR(1 g) = 0.413 W/kg; SAR(10 g) = 0.290 W/kg

Maximum value of SAR (measured) = 0.499 W/kg



0 dB = 0.499 W/kg = -3.02 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/29Time: AM 03:55:12

126_Flat_GPRS 850 CH190_3D2U_side 4 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, GPRS 850 (3Down, 2Up) (0);Frequency: 836.6 MHz;Duty Cycle: 1:4

Medium parameters used: f = 837 MHz; σ = 1.001 S/m; ε_r = 55.892; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.346 W/kg

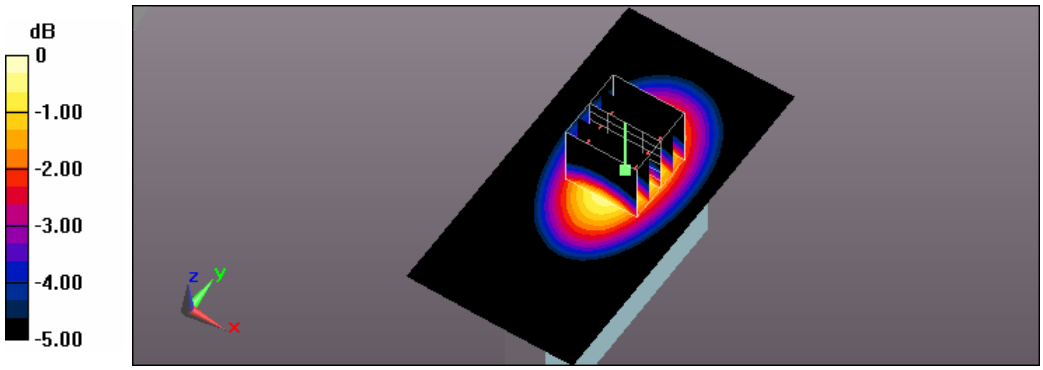
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.67 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.392 W/kg

SAR(1 g) = 0.283 W/kg; SAR(10 g) = 0.196 W/kg

Maximum value of SAR (measured) = 0.343 W/kg



0 dB = 0.343 W/kg = -4.65 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/29Time: AM 04:10:45

127_Flat_GPRS 850 CH190_3D2U_side 5 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, GPRS 850 (3Down, 2Up) (0);Frequency: 836.6 MHz;Duty Cycle: 1:4

Medium parameters used: f = 837 MHz; σ = 1.001 S/m; ε_r = 55.892; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.156 W/kg

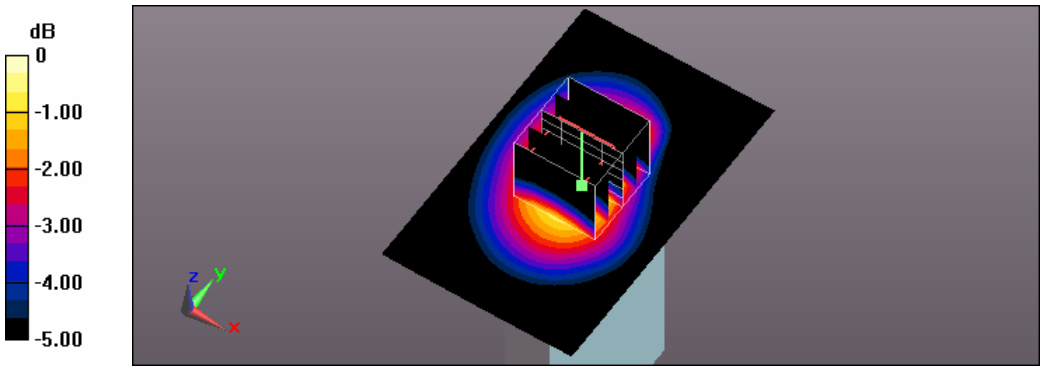
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.20 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.183 W/kg

SAR(1 g) = 0.123 W/kg; SAR(10 g) = 0.083 W/kg

Maximum value of SAR (measured) = 0.155 W/kg



0 dB = 0.155 W/kg = -8.10 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/29Time: AM 04:31:16

157_Flat_GPRS 850 CH190_3D2U_side 6 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, GPRS 850 (3Down, 2Up) (0);Frequency: 836.6 MHz;Duty Cycle: 1:4

Medium parameters used: f = 837 MHz; σ = 1.001 S/m; ε_r = 55.892; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (51x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0208 W/kg

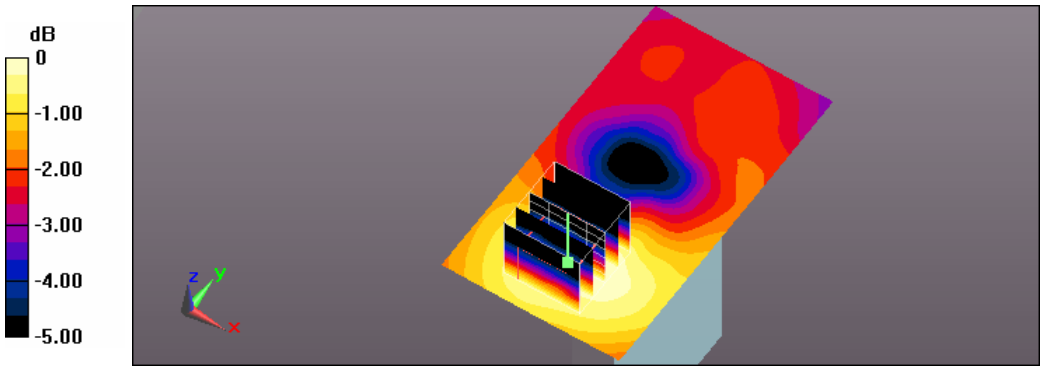
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.617 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.0230 W/kg

SAR(1 g) = 0.018 W/kg; SAR(10 g) = 0.013 W/kg

Maximum value of SAR (measured) = 0.0208 W/kg



0 dB = 0.0208 W/kg = -16.82 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/24Time: AM 12:25:36

26_Flat_GPRS 1900 CH512_3D2U_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, GPRS PCS (3Down,2Up) (0);Frequency: 1850.2 MHz;Duty Cycle: 1:4

Medium parameters used: f = 1850.2 MHz; σ = 1.467 S/m; ε_r = 54.347; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.949 W/kg

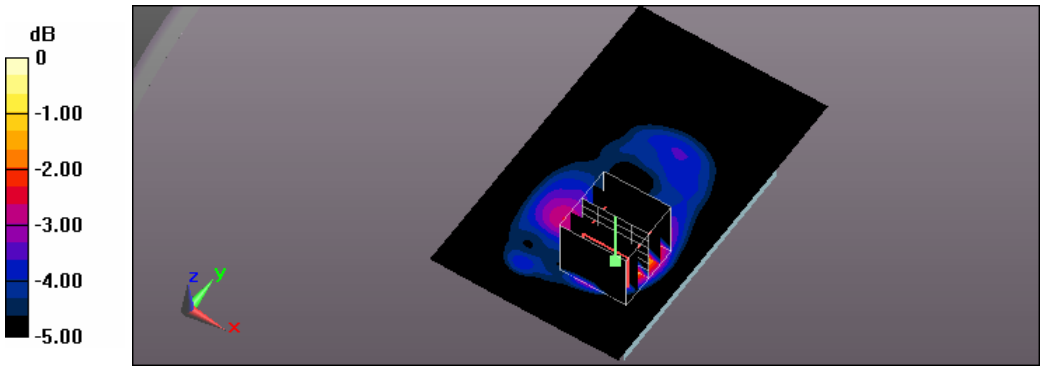
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.80 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.724 W/kg; SAR(10 g) = 0.415 W/kg

Maximum value of SAR (measured) = 0.976 W/kg



0 dB = 0.976 W/kg = -0.11 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/24Time: AM 12:09:34

25_Flat_GPRS 1900 CH661_3D2U_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, GPRS PCS (3Down,2Up) (0);Frequency: 1880 MHz;Duty Cycle: 1:4

Medium parameters used: f = 1880 MHz; σ = 1.459 S/m; ε_r = 54.374; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.14 W/kg

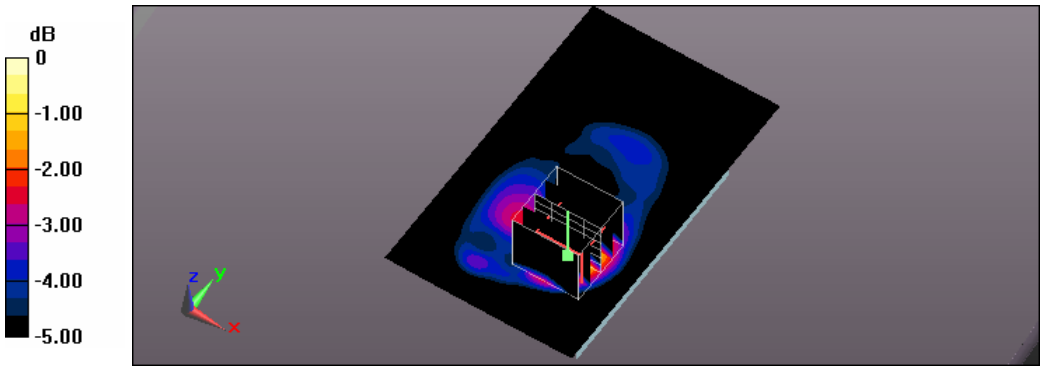
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.80 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.891 W/kg; SAR(10 g) = 0.508 W/kg

Maximum value of SAR (measured) = 1.19 W/kg



0 dB = 1.19 W/kg = 0.76 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/24Time: AM 12:41:52

27_Flat_GPRS 1900 CH810_3D2U_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, GPRS PCS (3Down,2Up) (0);Frequency: 1909.8 MHz;Duty Cycle: 1:4

Medium parameters used: f = 1910 MHz; σ = 1.497 S/m; ε_r = 53.941; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

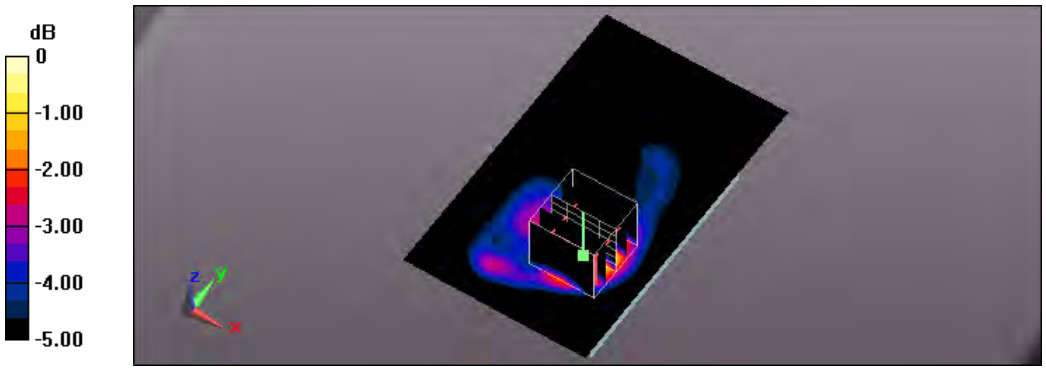
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.03 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.85 W/kg

SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.636 W/kg

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



0 dB = 1.48 W/kg = 1.70 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/24Time: AM 01:19:16

28_Flat_GPRS 1900 CH661_3D2U_side 2 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, GPRS PCS (3Down,2Up) (0);Frequency: 1880 MHz;Duty Cycle: 1:4

Medium parameters used: f = 1880 MHz; σ = 1.459 S/m; ε_r = 54.374; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.705 W/kg

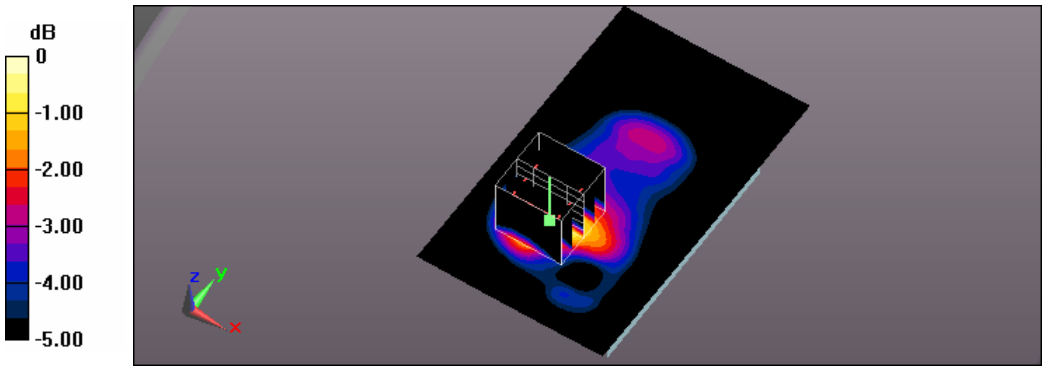
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.02 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.851 W/kg

SAR(1 g) = 0.526 W/kg; SAR(10 g) = 0.315 W/kg

Maximum value of SAR (measured) = 0.692 W/kg



0 dB = 0.692 W/kg = -1.60 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/24Time: AM 01:43:05

29_Flat_GPRS 1900 CH661_3D2U_side 3 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, GPRS PCS (3Down,2Up) (0);Frequency: 1880 MHz;Duty Cycle: 1:4

Medium parameters used: f = 1880 MHz; σ = 1.459 S/m; ε_r = 54.374; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.321 W/kg

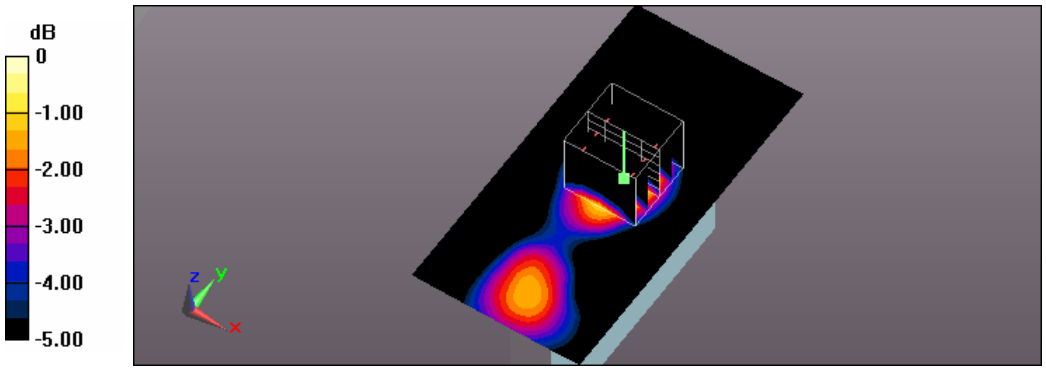
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.33 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.366 W/kg

SAR(1 g) = 0.233 W/kg; SAR(10 g) = 0.141 W/kg

Maximum value of SAR (measured) = 0.302 W/kg



0 dB = 0.302 W/kg = -5.20 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/24Time: AM 01:58:10

30_Flat_GPRS 1900 CH661_3D2U_side 4 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, GPRS PCS (3Down,2Up) (0);Frequency: 1880 MHz;Duty Cycle: 1:4

Medium parameters used: f = 1880 MHz; σ = 1.459 S/m; ε_r = 54.374; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.400 W/kg

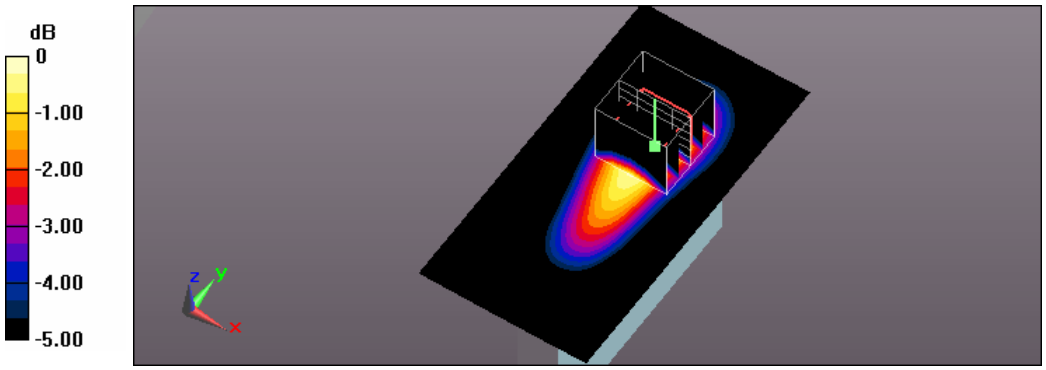
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.97 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.476 W/kg

SAR(1 g) = 0.299 W/kg; SAR(10 g) = 0.182 W/kg

Maximum value of SAR (measured) = 0.394 W/kg



0 dB = 0.394 W/kg = -4.05 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/24Time: AM 02:14:07

31_Flat_GPRS 1900 CH661_3D2U_side 5 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, GPRS PCS (3Down,2Up) (0);Frequency: 1880 MHz;Duty Cycle: 1:4

Medium parameters used: f = 1880 MHz; σ = 1.459 S/m; ε_r = 54.374; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.886 W/kg

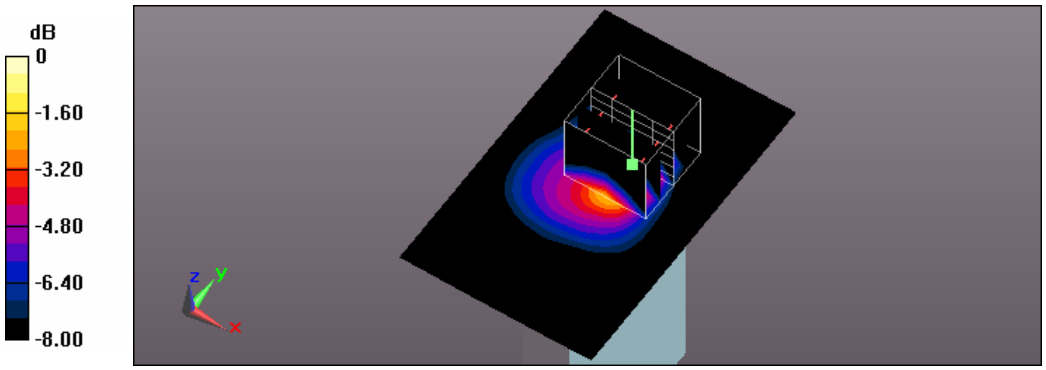
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.22 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.665 W/kg; SAR(10 g) = 0.351 W/kg

Maximum value of SAR (measured) = 0.940 W/kg



0 dB = 0.940 W/kg = -0.27 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/24Time: AM 02:57:14

156_Flat_GPRS 1900 CH661_3D2U_side 6 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, GPRS PCS (3Down,2Up) (0);Frequency: 1880 MHz;Duty Cycle: 1:4

Medium parameters used: f = 1880 MHz; σ = 1.459 S/m; ε_r = 54.374; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.132 W/kg

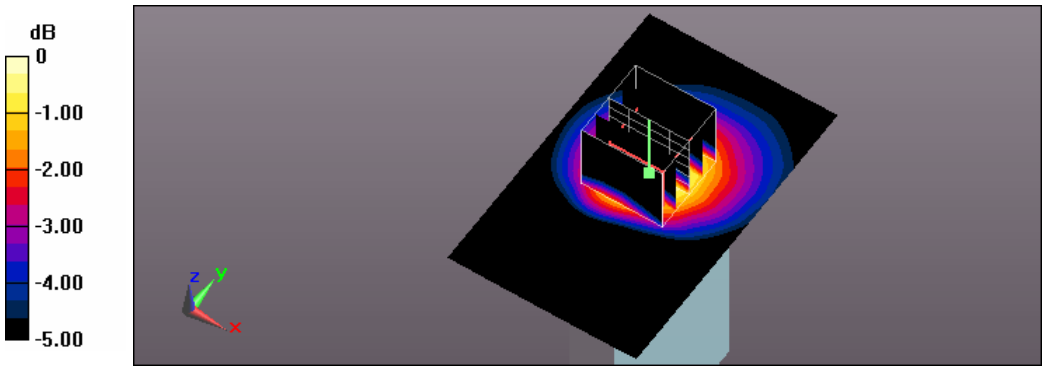
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.145 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.155 W/kg

SAR(1 g) = 0.103 W/kg; SAR(10 g) = 0.065 W/kg

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



0 dB = 0.131 W/kg = -8.83 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2015/4/29Time: AM 03:05:38

123_Flat_GPRS 850 CH251_3D2U_original #122_side 1 surface to phantom 10mm_measurement onece

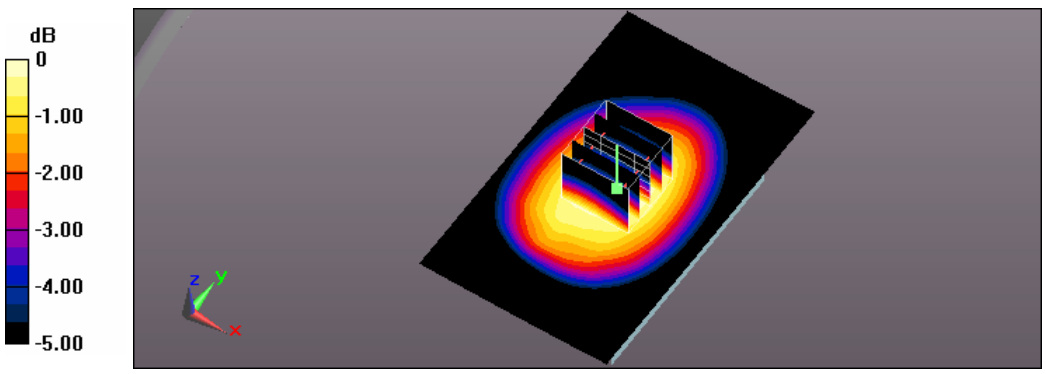
DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, GPRS 850 (3Down, 2Up) (0);Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium parameters used: f = 849 MHz; σ = 1.016 S/m; ε_r = 55.876; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.01 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.05 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.10 W/kg
SAR(1 g) = 0.863 W/kg; SAR(10 g) = 0.654 W/kg
Maximum value of SAR (measured) = 0.999 W/kg



0 dB = 0.999 W/kg = -0.00 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/24Time: AM 12:59:36

32_Flat_GPRS 1900 CH810_3D2U_original #27_side 1 surface to phantom 10mm_measurement onece

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, GPRS PCS (3Down,2Up) (0);Frequency: 1909.8 MHz;Duty Cycle: 1:4

Medium parameters used: f = 1910 MHz; σ = 1.497 S/m; ε_r = 53.941; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.45 W/kg

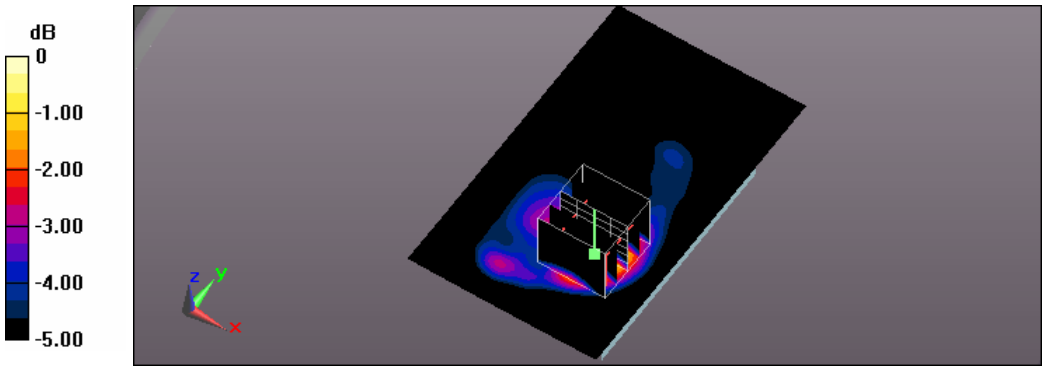
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.54 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.81 W/kg

SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.626 W/kg

Maximum value of SAR (measured) = 1.47 W/kg



0 dB = 1.47 W/kg = 1.67 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/23Time: PM 10:05:33

18_Flat_WCDMA Band II CH9262_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, WCDMA Band II (0);Frequency: 1852.4 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1852.4 MHz; σ = 1.466 S/m; ε_r = 54.383; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.10 W/kg

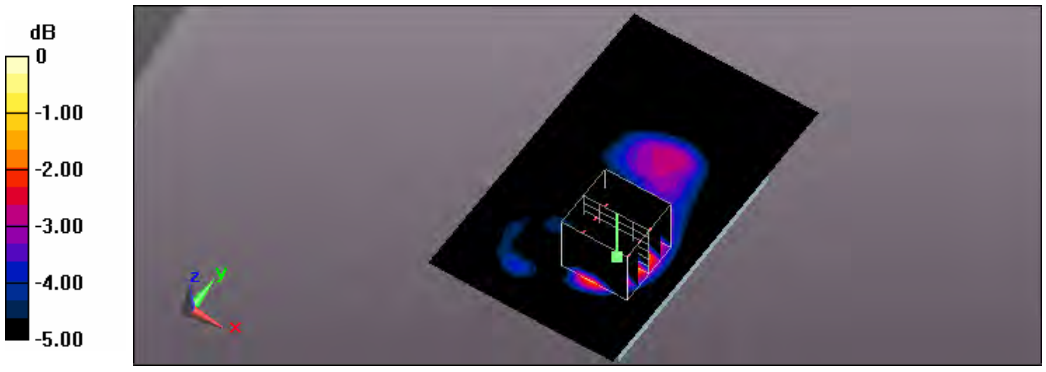
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.76 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.831 W/kg; SAR(10 g) = 0.471 W/kg

Maximum value of SAR (measured) = 1.10 W/kg



0 dB = 1.10 W/kg = 0.41 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/23Time: PM 09:48:31

17_Flat_WCDMA Band II CH9400_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, WCDMA Band II (0);Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz; σ = 1.459 S/m; ε_r = 54.374; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.07 W/kg

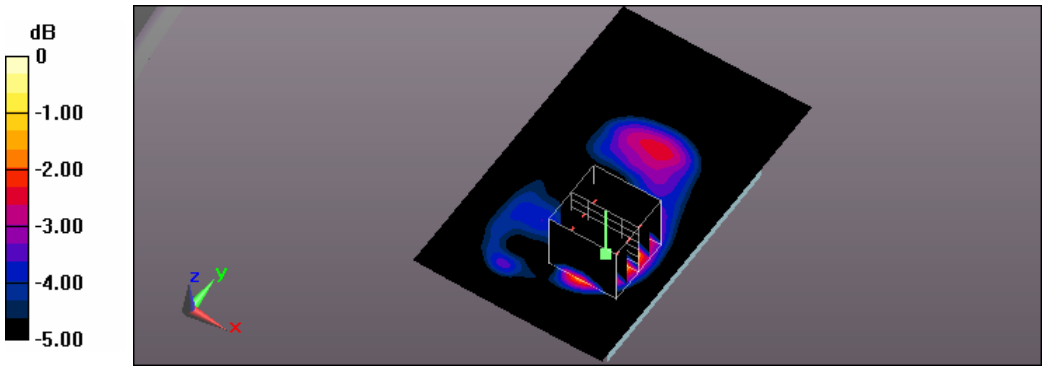
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.57 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.808 W/kg; SAR(10 g) = 0.456 W/kg

Maximum value of SAR (measured) = 1.07 W/kg



0 dB = 1.07 W/kg = 0.29 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/23Time: PM 10:21:39

19_Flat_WCDMA Band II CH9538_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, WCDMA Band II (0);Frequency: 1907.6 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1908 MHz; σ = 1.493 S/m; ε_r = 53.953; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.963 W/kg

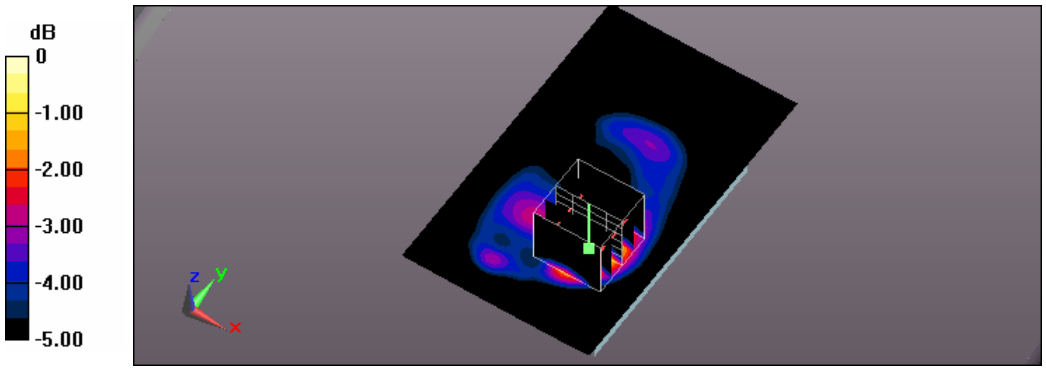
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.71 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.708 W/kg; SAR(10 g) = 0.399 W/kg

Maximum value of SAR (measured) = 0.944 W/kg



0 dB = 0.944 W/kg = -0.25 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/23Time: PM 10:57:31

20_Flat_WCDMA Band II CH9400_side 2 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, WCDMA Band II (0);Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz; σ = 1.459 S/m; ε_r = 54.374; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.642 W/kg

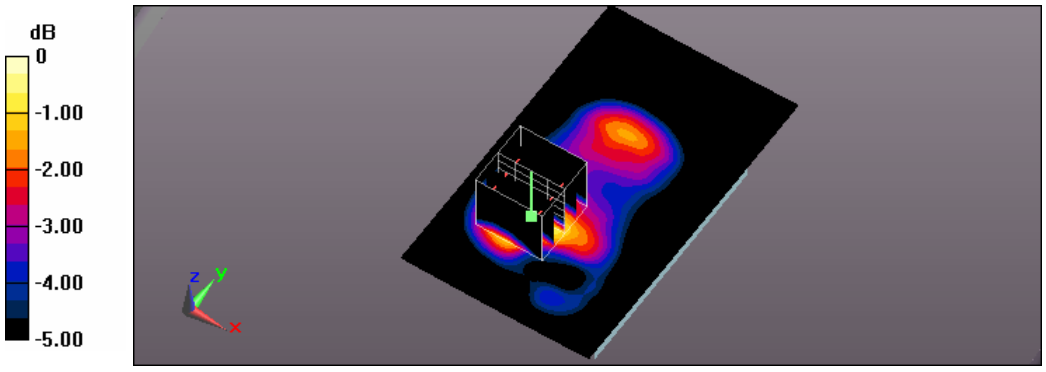
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.39 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.797 W/kg

SAR(1 g) = 0.490 W/kg; SAR(10 g) = 0.291 W/kg

Maximum value of SAR (measured) = 0.630 W/kg



0 dB = 0.630 W/kg = -2.01 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/23Time: PM 11:15:30

21_Flat_WCDMA Band II CH9400_side 3 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, WCDMA Band II (0);Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz; σ = 1.459 S/m; ε_r = 54.374; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.329 W/kg

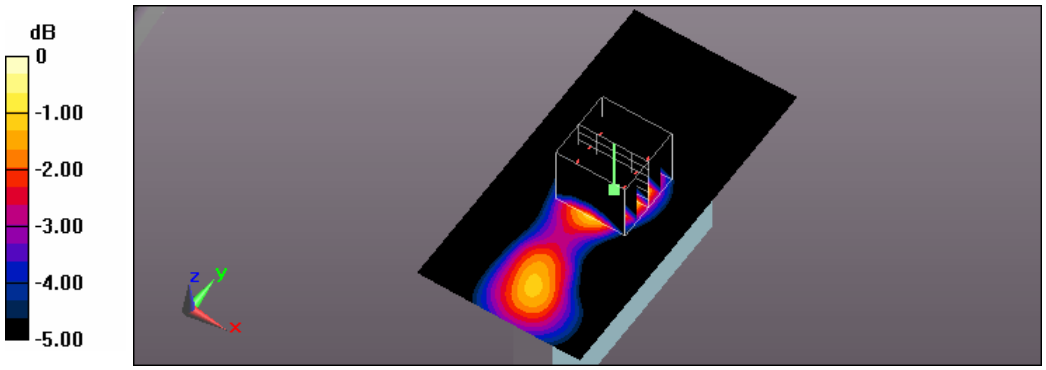
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.70 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.376 W/kg

SAR(1 g) = 0.239 W/kg; SAR(10 g) = 0.145 W/kg

Maximum value of SAR (measured) = 0.313 W/kg



0 dB = 0.313 W/kg = -5.04 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/23Time: PM 11:30:32

22_Flat_WCDMA Band II CH9400_side 4 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, WCDMA Band II (0);Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz; σ = 1.459 S/m; ε_r = 54.374; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.602 W/kg

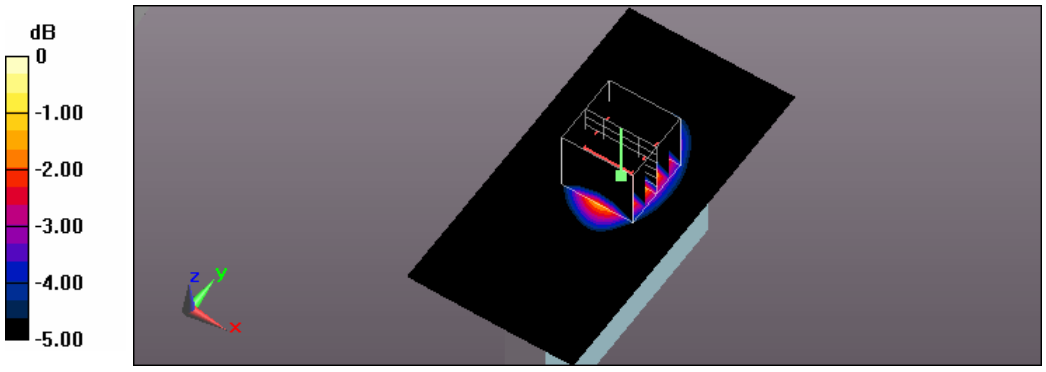
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.79 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.713 W/kg

SAR(1 g) = 0.448 W/kg; SAR(10 g) = 0.267 W/kg

Maximum value of SAR (measured) = 0.588 W/kg



0 dB = 0.588 W/kg = -2.31 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/23Time: PM 11:48:50

23_Flat_WCDMA Band II CH9400_side 5 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, WCDMA Band II (0);Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz; σ = 1.459 S/m; ε_r = 54.374; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.673 W/kg

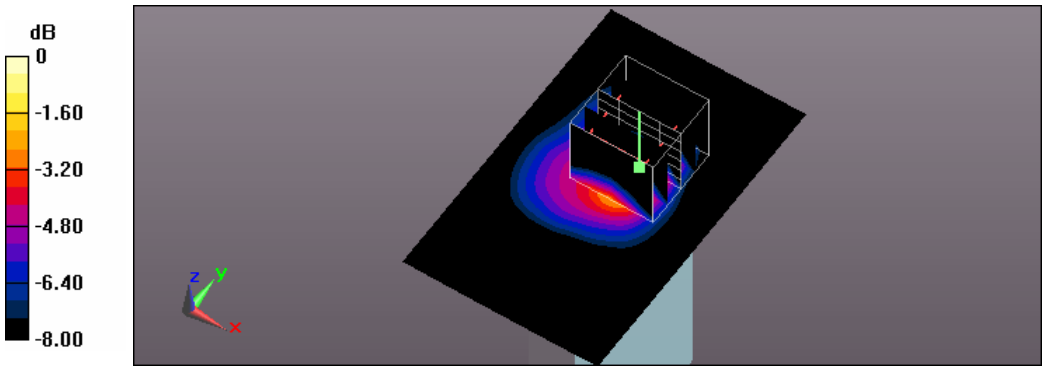
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.08 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.844 W/kg

SAR(1 g) = 0.507 W/kg; SAR(10 g) = 0.270 W/kg

Maximum value of SAR (measured) = 0.706 W/kg



0 dB = 0.706 W/kg = -1.51 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/29Time: AM 09:15:26

128_Flat_WCDMA BandV CH4183_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, WCDMA Band V (0);Frequency: 836.6 MHz;Duty Cycle: 1:1

Medium parameters used: f = 837 MHz; σ = 1.001 S/m; ε_r = 55.892; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.871 W/kg

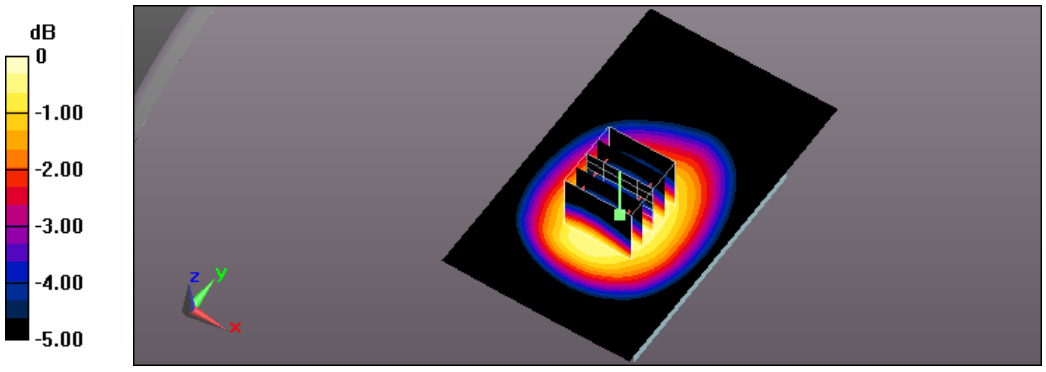
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.13 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.960 W/kg

SAR(1 g) = 0.751 W/kg; SAR(10 g) = 0.566 W/kg

Maximum value of SAR (measured) = 0.870 W/kg



0 dB = 0.870 W/kg = -0.60 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/29Time: AM 09:32:38

129_Flat_WCDMA BandV CH4183_side 2 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, WCDMA Band V (0);Frequency: 836.6 MHz;Duty Cycle: 1:1

Medium parameters used: f = 837 MHz; σ = 1.001 S/m; ε_r = 55.892; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.816 W/kg

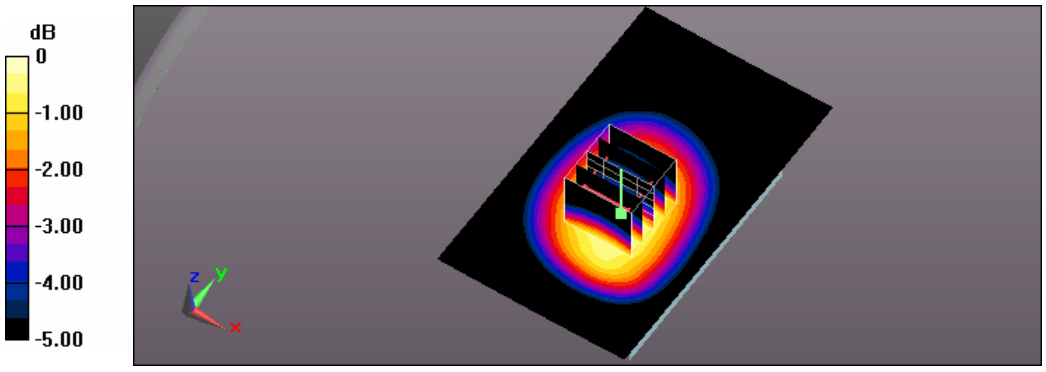
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.13 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.906 W/kg

SAR(1 g) = 0.702 W/kg; SAR(10 g) = 0.521 W/kg

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



0 dB = 0.819 W/kg = -0.87 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/29Time: AM 09:53:53

130_Flat_WCDMA BandV CH4183_side 3 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, WCDMA Band V (0);Frequency: 836.6 MHz;Duty Cycle: 1:1

Medium parameters used: f = 837 MHz; σ = 1.001 S/m; ε_r = 55.892; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.528 W/kg

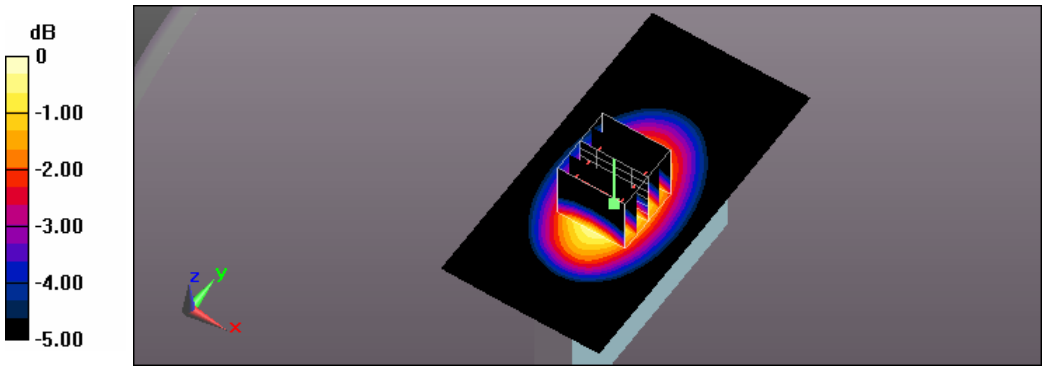
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.74 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.603 W/kg

SAR(1 g) = 0.436 W/kg; SAR(10 g) = 0.307 W/kg

Maximum value of SAR (measured) = 0.529 W/kg



0 dB = 0.529 W/kg = -2.77 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/29Time: AM 10:20:12

131_Flat_WCDMA BandV CH4183_side 4 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, WCDMA Band V (0);Frequency: 836.6 MHz;Duty Cycle: 1:1

Medium parameters used: f = 837 MHz; σ = 1.001 S/m; ε_r = 55.892; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.382 W/kg

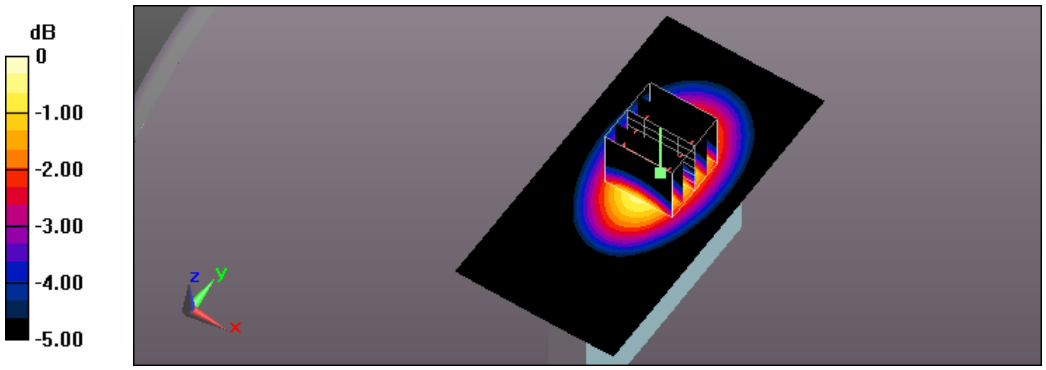
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.45 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.439 W/kg

SAR(1 g) = 0.314 W/kg; SAR(10 g) = 0.218 W/kg

Maximum value of SAR (measured) = 0.383 W/kg



0 dB = 0.383 W/kg = -4.17 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/29Time: AM 10:39:36

132_Flat_WCDMA BandV CH4183_side 5 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, WCDMA Band V (0);Frequency: 836.6 MHz;Duty Cycle: 1:1

Medium parameters used: f = 837 MHz; σ = 1.001 S/m; ε_r = 55.892; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.154 W/kg

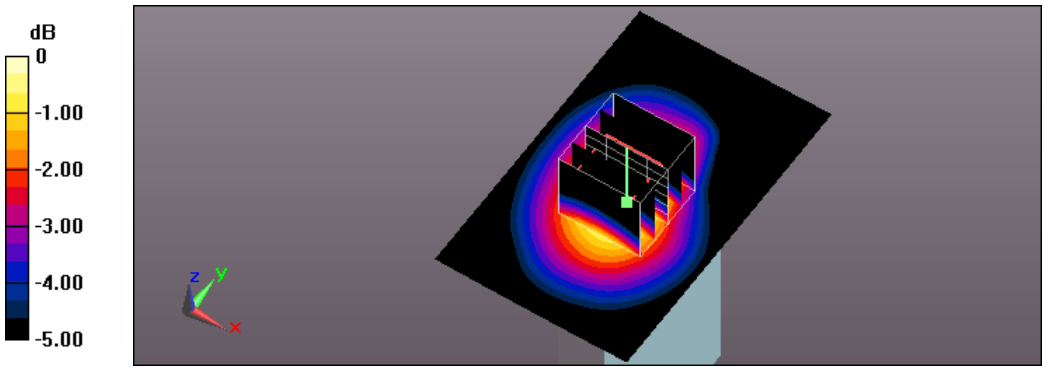
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.91 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.178 W/kg

SAR(1 g) = 0.122 W/kg; SAR(10 g) = 0.082 W/kg

Maximum value of SAR (measured) = 0.152 W/kg



0 dB = 0.152 W/kg = -8.18 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/27Time: PM 05:57:41

77_Flat_CDMA 850 CH1013_RC1 SO55_primary_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, CDMA Cellular (0);Frequency: 824.7 MHz;Duty Cycle: 1:1

Medium parameters used: f = 825 MHz; σ = 0.986 S/m; ε_r = 55.891; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.991 W/kg

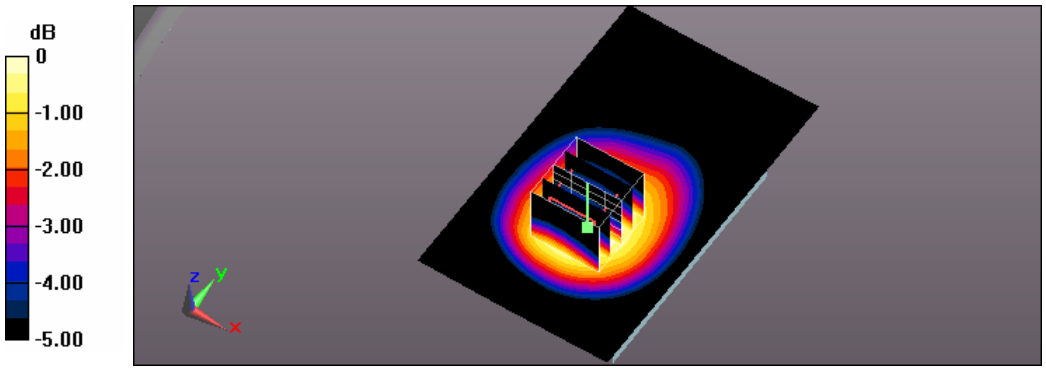
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.76 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.857 W/kg; SAR(10 g) = 0.642 W/kg

Maximum value of SAR (measured) = 0.992 W/kg



0 dB = 0.992 W/kg = -0.03 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/27Time: PM 05:40:21

76_Flat_CDMA 850 CH384_RC1 SO55_primary_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, CDMA Cellular (0);Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium parameters used: f = 837 MHz; σ = 1.001 S/m; ε_r = 55.892; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

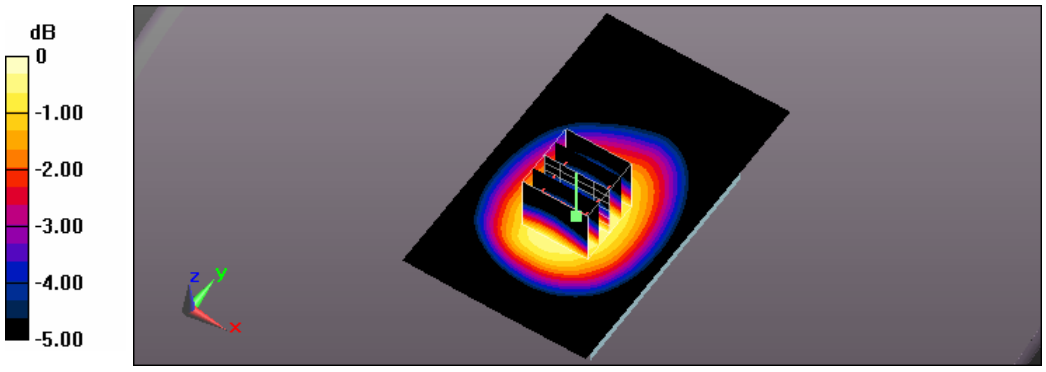
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.60 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.888 W/kg; SAR(10 g) = 0.665 W/kg

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



0 dB = 1.03 W/kg = 0.13 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/27Time: PM 06:14:10

78_Flat_CDMA 850 CH777_RC1 SO55_primary_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, CDMA Cellular (0);Frequency: 848.31 MHz;Duty Cycle: 1:1

Medium parameters used: f = 848.31 MHz; σ = 1.015 S/m; ε_r = 55.882; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.01 W/kg

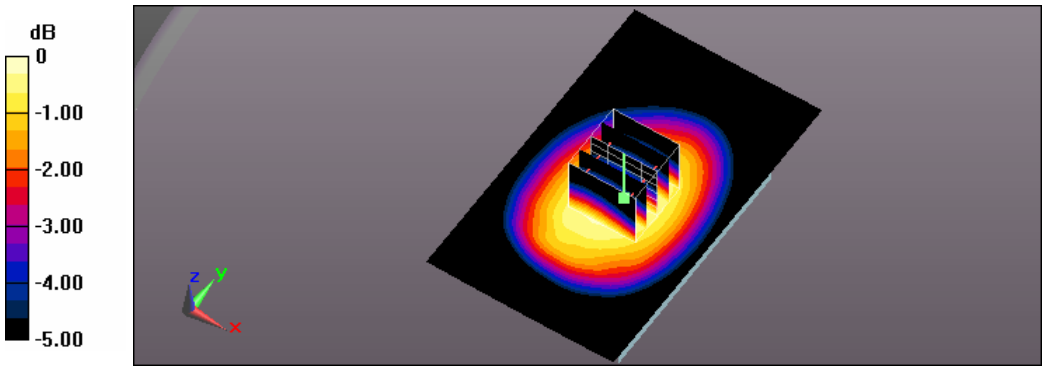
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.12 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.884 W/kg; SAR(10 g) = 0.667 W/kg

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



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

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/28Time: PM 10:03:03

112_Flat_CDMA 850 CH1013_RC1 SO55_primary_side 2 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, CDMA Cellular (0);Frequency: 824.7 MHz;Duty Cycle: 1:1

Medium parameters used: f = 825 MHz; σ = 0.986 S/m; ε_r = 55.891; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

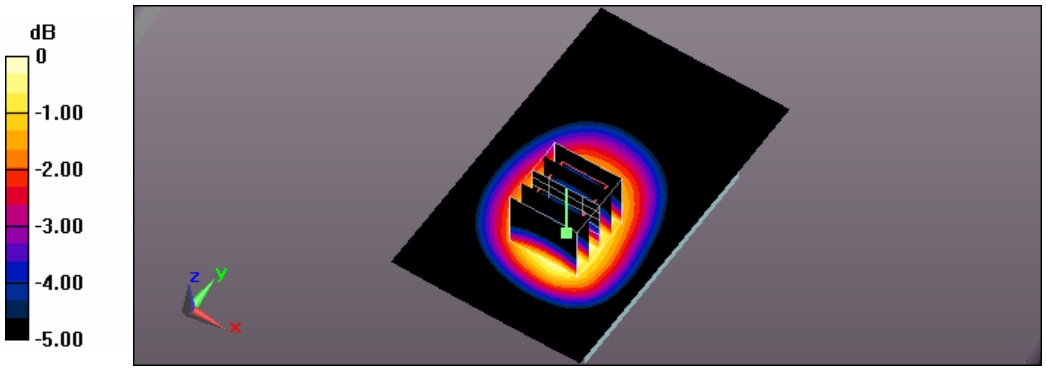
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.44 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.983 W/kg

SAR(1 g) = 0.758 W/kg; SAR(10 g) = 0.563 W/kg

Maximum value of SAR (measured) = 0.881 W/kg



0 dB = 0.881 W/kg = -0.55 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/27Time: PM 07:58:29

83_Flat_CDMA 850 CH384_RC1 SO55_primary_side 2 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, CDMA Cellular (0);Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium parameters used: f = 837 MHz; σ = 1.001 S/m; ε_r = 55.892; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.972 W/kg

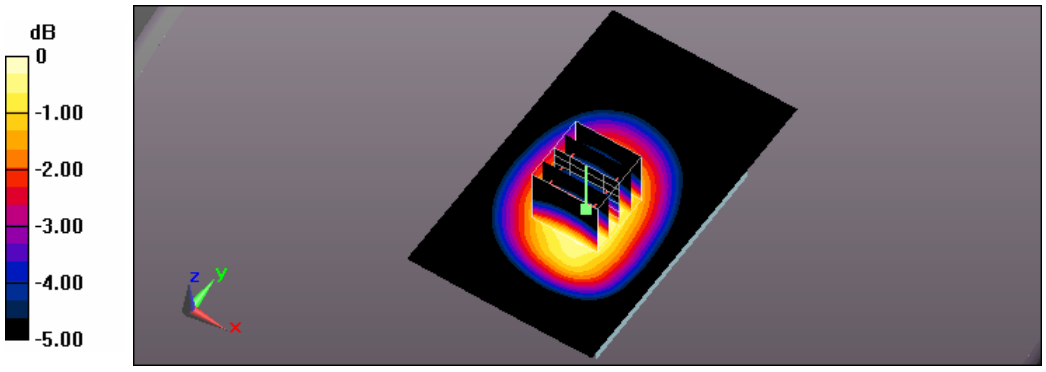
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.80 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.839 W/kg; SAR(10 g) = 0.624 W/kg

Maximum value of SAR (measured) = 0.974 W/kg



0 dB = 0.974 W/kg = -0.11 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/28Time: PM 09:41:55

113_Flat_CDMA 850 CH777_RC1 SO55_primary_side 2 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, CDMA Cellular (0);Frequency: 848.31 MHz;Duty Cycle: 1:1

Medium parameters used: f = 848.31 MHz; σ = 1.015 S/m; ε_r = 55.882; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

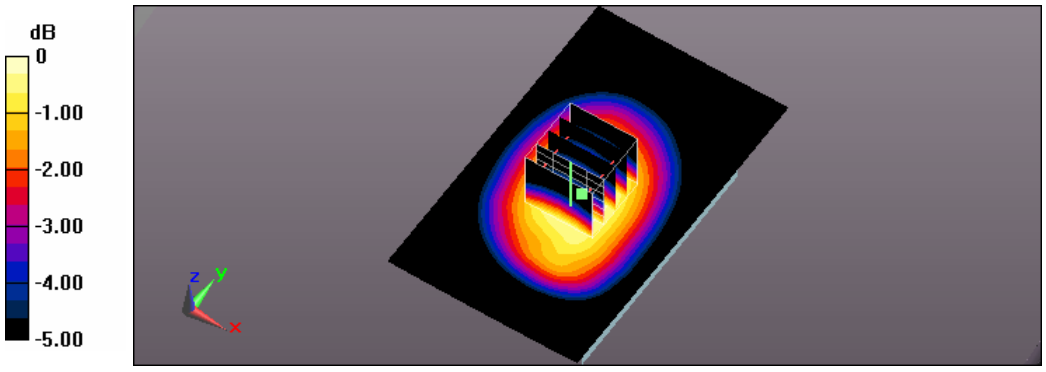
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.43 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.878 W/kg; SAR(10 g) = 0.659 W/kg

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



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

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/27Time: PM 08:29:58

84_Flat_CDMA 850 CH384_RC1 SO55_primary_side 3 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, CDMA Cellular (0);Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium parameters used: f = 837 MHz; σ = 1.001 S/m; ε_r = 55.892; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.696 W/kg

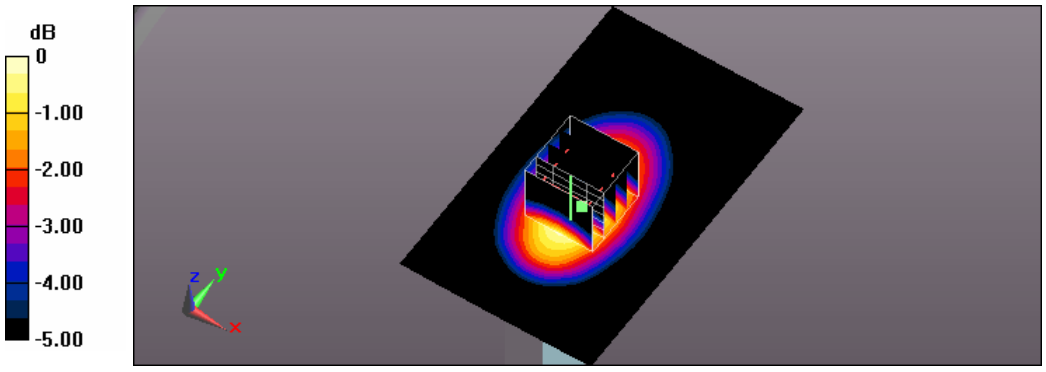
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.81 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.773 W/kg

SAR(1 g) = 0.565 W/kg; SAR(10 g) = 0.397 W/kg

Maximum value of SAR (measured) = 0.675 W/kg



0 dB = 0.675 W/kg = -1.71 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/27Time: PM 09:23:38

87_Flat_CDMA 850 CH384_RC1 SO55_primary_side 4 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, CDMA Cellular (0);Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium parameters used: f = 837 MHz; σ = 1.001 S/m; ε_r = 55.892; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.508 W/kg

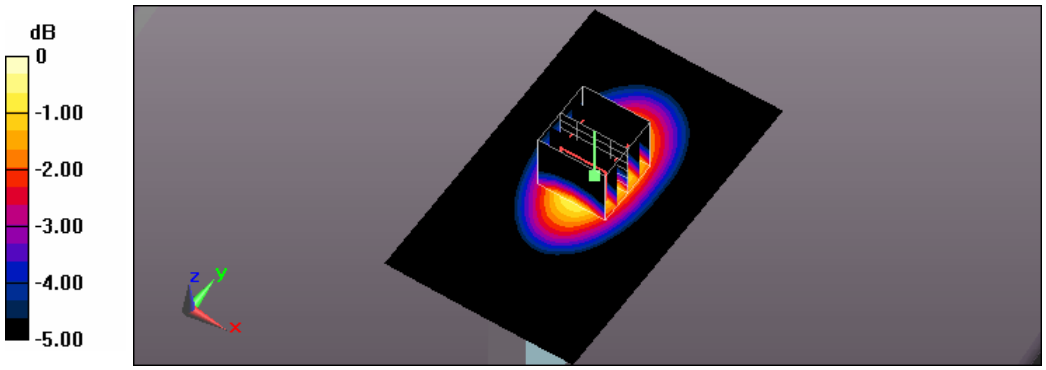
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.88 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.587 W/kg

SAR(1 g) = 0.416 W/kg; SAR(10 g) = 0.287 W/kg

Maximum value of SAR (measured) = 0.508 W/kg



0 dB = 0.508 W/kg = -2.94 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/27Time: PM 09:53:17

88_Flat_CDMA 850 CH384_RC1 SO55_primary_side 5 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, CDMA Cellular (0);Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium parameters used: f = 837 MHz; σ = 1.001 S/m; ε_r = 55.892; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

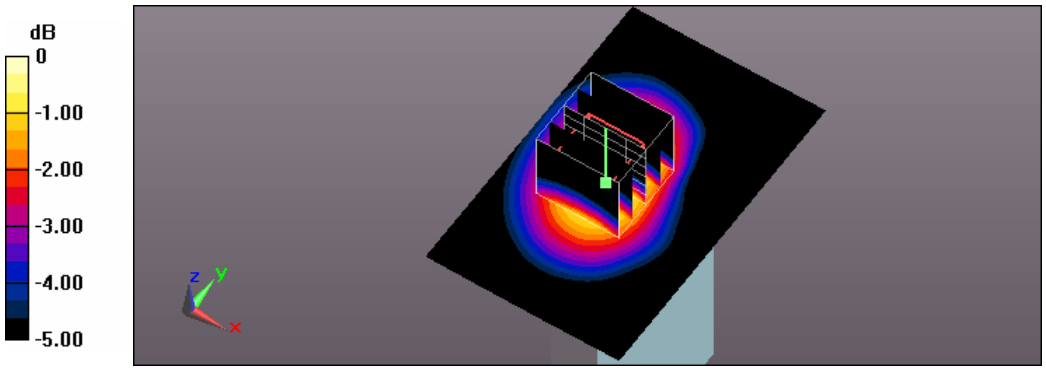
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.58 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.243 W/kg

SAR(1 g) = 0.166 W/kg; SAR(10 g) = 0.111 W/kg

Maximum value of SAR (measured) = 0.208 W/kg



0 dB = 0.208 W/kg = -6.82 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/27Time: PM 07:03:07

80_Flat_1xRTT 850 CH1013_RC3 SO32_primary_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, CDMA 1xRTT Cellular (0);Frequency: 824.7 MHz;Duty Cycle: 1:1

Medium parameters used: f = 825 MHz; σ = 0.986 S/m; ε_r = 55.891; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.01 W/kg

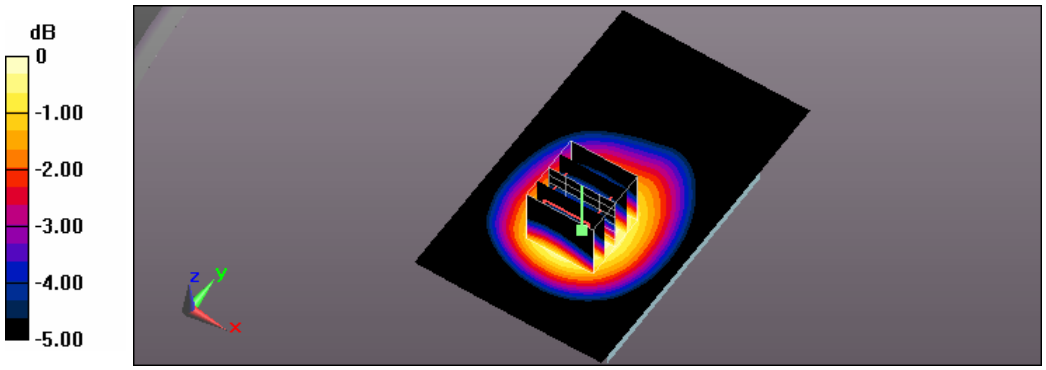
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.07 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.864 W/kg; SAR(10 g) = 0.646 W/kg

Maximum value of SAR (measured) = 1.00 W/kg



0 dB = 1.00 W/kg = 0.00 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/27Time: PM 06:41:24

79_Flat_1xRTT 850 CH384_RC3 SO32_primary_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, CDMA 1xRTT Cellular (0);Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium parameters used: f = 837 MHz; σ = 1.001 S/m; ε_r = 55.892; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.979 W/kg

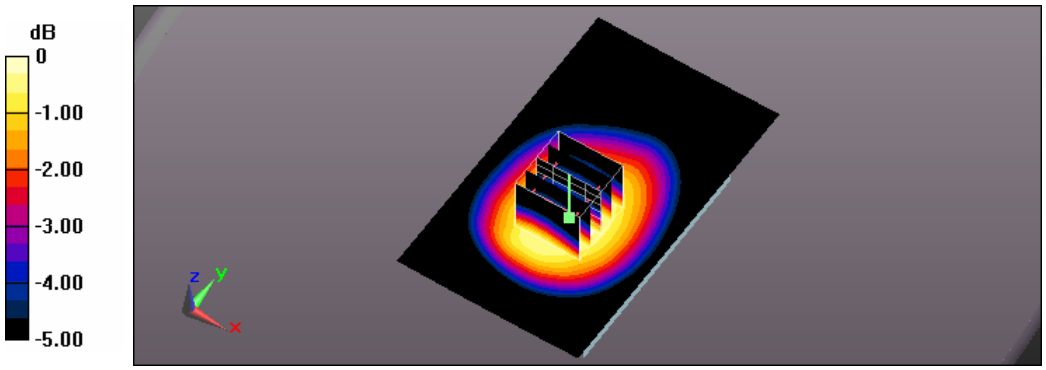
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.96 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.848 W/kg; SAR(10 g) = 0.639 W/kg

Maximum value of SAR (measured) = 0.978 W/kg



0 dB = 0.978 W/kg = -0.10 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/27Time: PM 07:19:30

81_Flat_1xRTT 850 CH777_RC3 SO32_primary_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, CDMA 1xRTT Cellular (0);Frequency: 848.31 MHz;Duty Cycle: 1:1

Medium parameters used: f = 848.31 MHz; σ = 1.015 S/m; ε_r = 55.882; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.01 W/kg

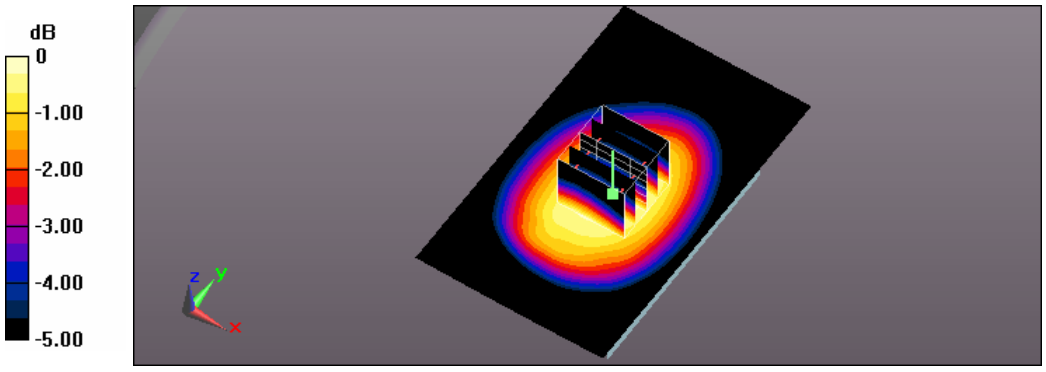
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.02 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.878 W/kg; SAR(10 g) = 0.662 W/kg

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



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

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/28Time: PM 09:08:59

114_Flat_1xRTT 850 CH1013_RC3 SO32_primary_side 2 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, CDMA 1xRTT Cellular (0);Frequency: 824.7 MHz;Duty Cycle: 1:1

Medium parameters used: f = 825 MHz; σ = 0.986 S/m; ε_r = 55.891; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.900 W/kg

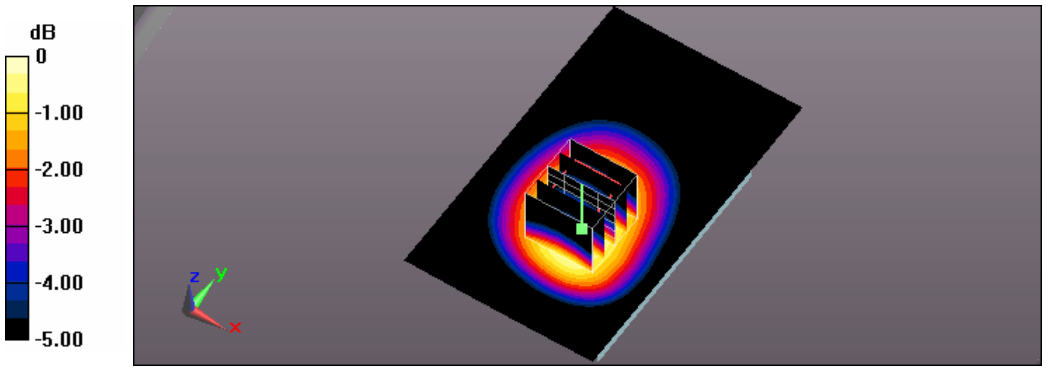
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.76 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.998 W/kg

SAR(1 g) = 0.774 W/kg; SAR(10 g) = 0.574 W/kg

Maximum value of SAR (measured) = 0.900 W/kg



0 dB = 0.900 W/kg = -0.46 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/27Time: PM 07:41:59

82_Flat_1xRTT 850 CH384_RC3 SO32_primary_side 2 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, CDMA 1xRTT Cellular (0);Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium parameters used: f = 837 MHz; σ = 1.001 S/m; ε_r = 55.892; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

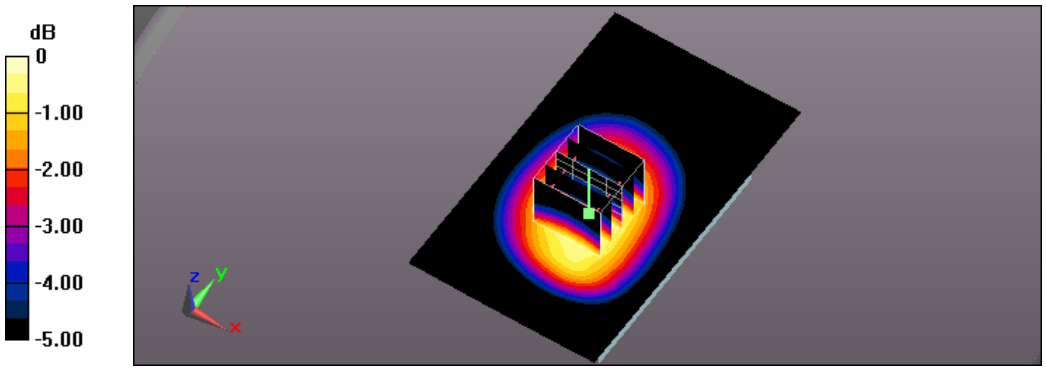
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.80 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.838 W/kg; SAR(10 g) = 0.622 W/kg

Maximum value of SAR (measured) = 0.975 W/kg



0 dB = 0.975 W/kg = -0.11 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/28Time: PM 09:25:07

115_Flat_1xRTT 850 CH777_RC3 SO32_primary_side 2 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, CDMA 1xRTT Cellular (0);Frequency: 848.31 MHz;Duty Cycle: 1:1

Medium parameters used: f = 848.31 MHz; σ = 1.015 S/m; ε_r = 55.882; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

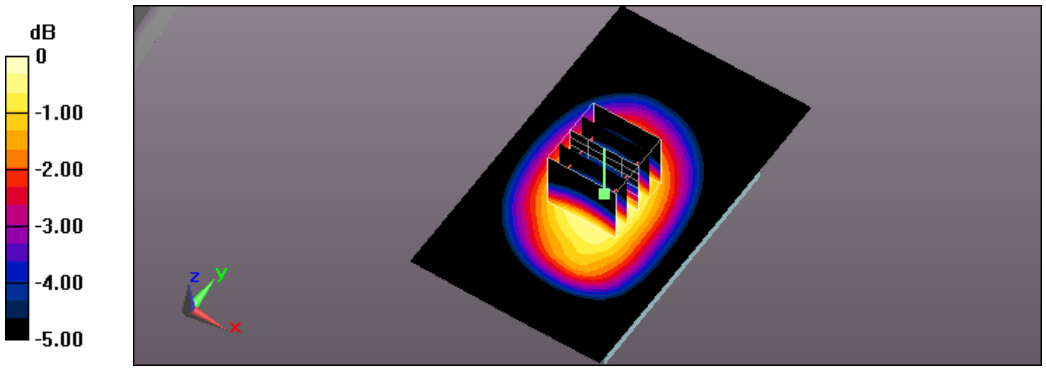
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.32 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.885 W/kg; SAR(10 g) = 0.658 W/kg

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



0 dB = 1.03 W/kg = 0.13 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/27Time: PM 08:47:23

85_Flat_1xRTT 850 CH384_RC3 SO32_primary_side 3 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, CDMA 1xRTT Cellular (0);Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium parameters used: f = 837 MHz; σ = 1.001 S/m; ε_r = 55.892; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.690 W/kg

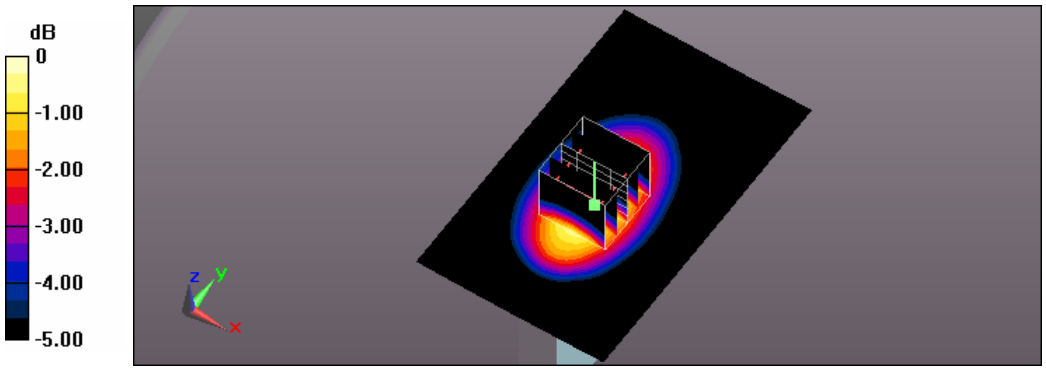
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.02 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.804 W/kg

SAR(1 g) = 0.580 W/kg; SAR(10 g) = 0.406 W/kg

Maximum value of SAR (measured) = 0.705 W/kg



0 dB = 0.705 W/kg = -1.52 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/27Time: PM 09:06:39

86_Flat_1xRTT 850 CH384_RC3 SO32_primary_side 4 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, CDMA 1xRTT Cellular (0);Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium parameters used: f = 837 MHz; σ = 1.001 S/m; ε_r = 55.892; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.508 W/kg

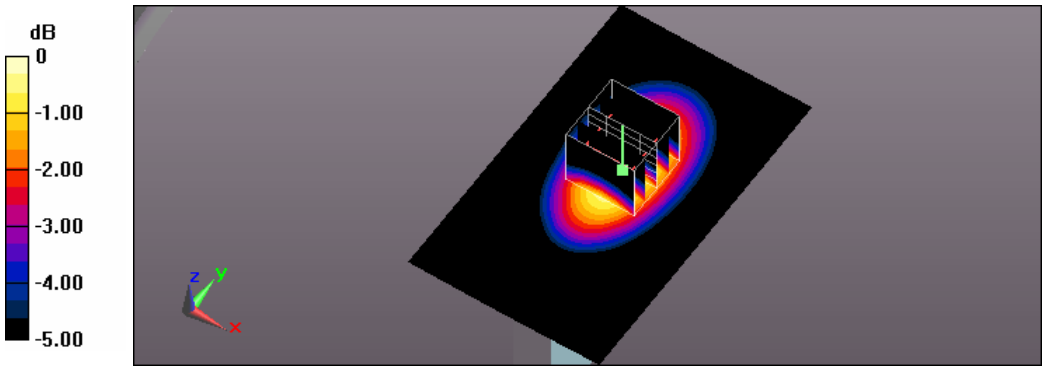
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.84 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.583 W/kg

SAR(1 g) = 0.415 W/kg; SAR(10 g) = 0.286 W/kg

Maximum value of SAR (measured) = 0.509 W/kg



0 dB = 0.509 W/kg = -2.93 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/27Time: PM 10:07:26

89_Flat_1xRTT 850 CH384_RC3 SO32_primary_side 5 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, CDMA 1xRTT Cellular (0);Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium parameters used: f = 837 MHz; σ = 1.001 S/m; ε_r = 55.892; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.204 W/kg

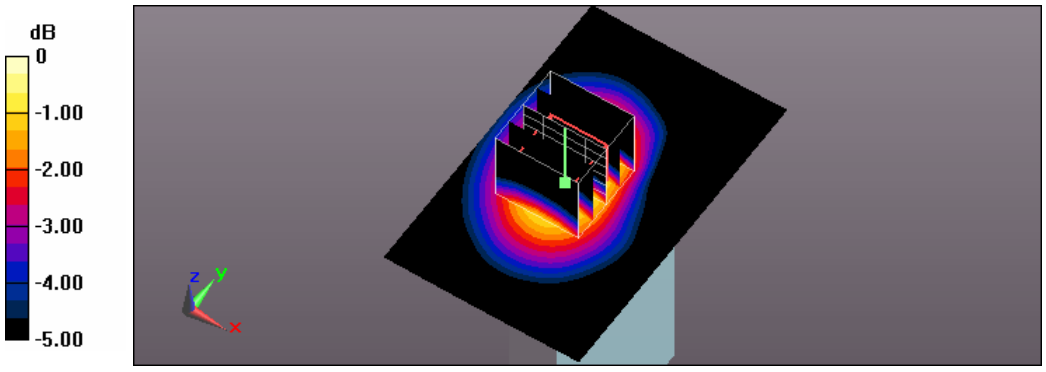
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.54 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.242 W/kg

SAR(1 g) = 0.164 W/kg; SAR(10 g) = 0.109 W/kg

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



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

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/28Time: AM 01:28:04

91_Flat_1xEvDo 850 850 CH1013_Rev.0_primary_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, 1xEVDO Cellular (0);Frequency: 824.7 MHz;Duty Cycle: 1:1

Medium parameters used: f = 825 MHz; σ = 0.986 S/m; ε_r = 55.891; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.959 W/kg

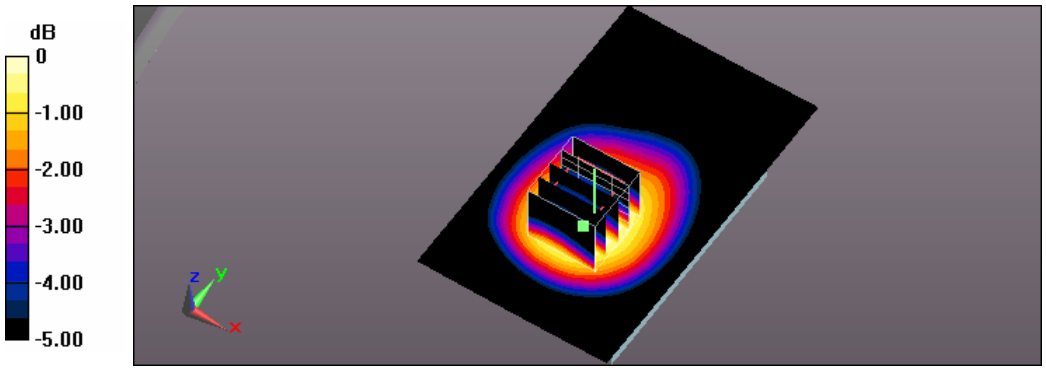
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.69 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.826 W/kg; SAR(10 g) = 0.618 W/kg

Maximum value of SAR (measured) = 0.957 W/kg



0 dB = 0.957 W/kg = -0.19 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/28Time: AM 01:11:19

90_Flat_1xEvDo 850 CH384_Rev.0_primary_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, 1xEVDO Cellular (0);Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium parameters used: f = 837 MHz; σ = 1.001 S/m; ε_r = 55.892; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.970 W/kg

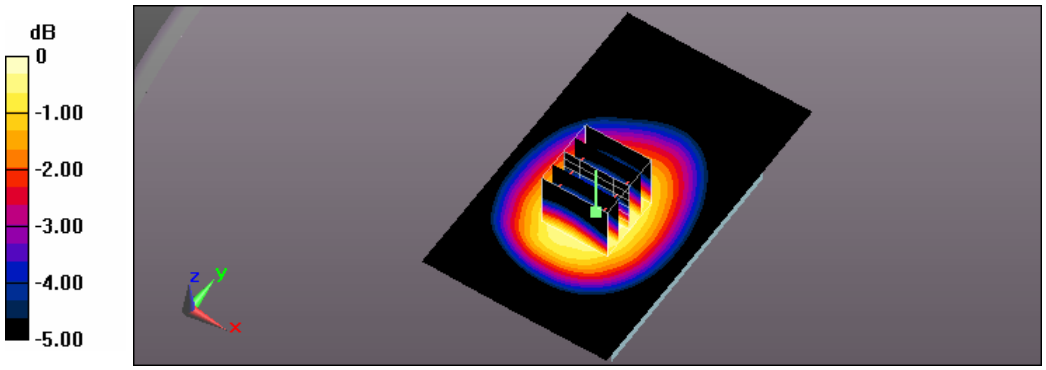
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.99 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.841 W/kg; SAR(10 g) = 0.633 W/kg

Maximum value of SAR (measured) = 0.970 W/kg



0 dB = 0.970 W/kg = -0.13 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/28Time: AM 01:44:30

92_Flat_1xEvDo 850 CH777_Rev.0_primary_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, 1xEVDO Cellular (0);Frequency: 848.31 MHz;Duty Cycle: 1:1

Medium parameters used: f = 848.31 MHz; σ = 1.015 S/m; ε_r = 55.882; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.986 W/kg

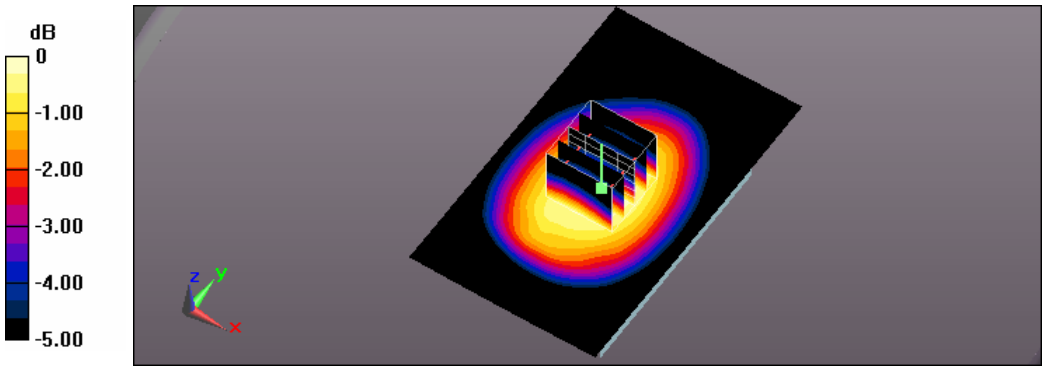
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.85 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.860 W/kg; SAR(10 g) = 0.648 W/kg

Maximum value of SAR (measured) = 0.997 W/kg



0 dB = 0.997 W/kg = -0.01 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/29Time: AM 12:14:21

116_Flat_1xEvDo 850 CH1013_ Rev.0_primary_side 2 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, 1xEVDO Cellular (0);Frequency: 824.7 MHz;Duty Cycle: 1:1

Medium parameters used: f = 825 MHz; σ = 0.986 S/m; ε_r = 55.891; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.842 W/kg

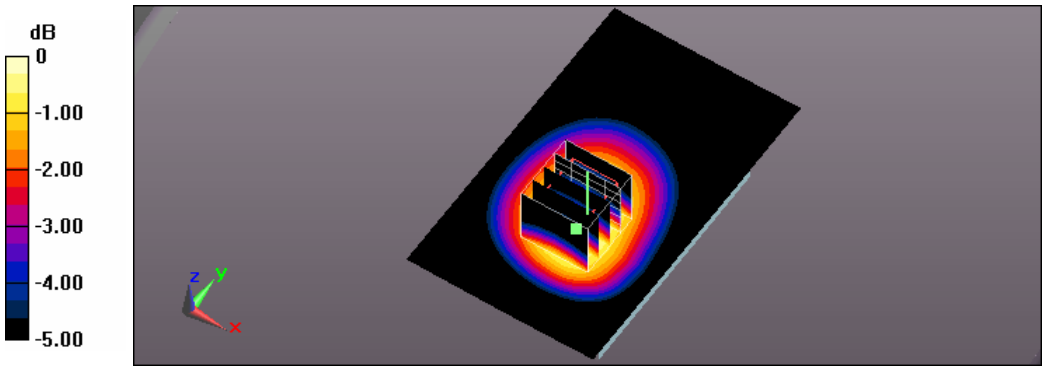
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.71 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.934 W/kg

SAR(1 g) = 0.724 W/kg; SAR(10 g) = 0.537 W/kg

Maximum value of SAR (measured) = 0.842 W/kg



0 dB = 0.842 W/kg = -0.75 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/28Time: AM 02:01:31

93_Flat_1xEvDo 850 CH384_ Rev.0_primary_side 2 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, 1xEVDO Cellular (0);Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium parameters used: f = 837 MHz; σ = 1.001 S/m; ε_r = 55.892; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.924 W/kg

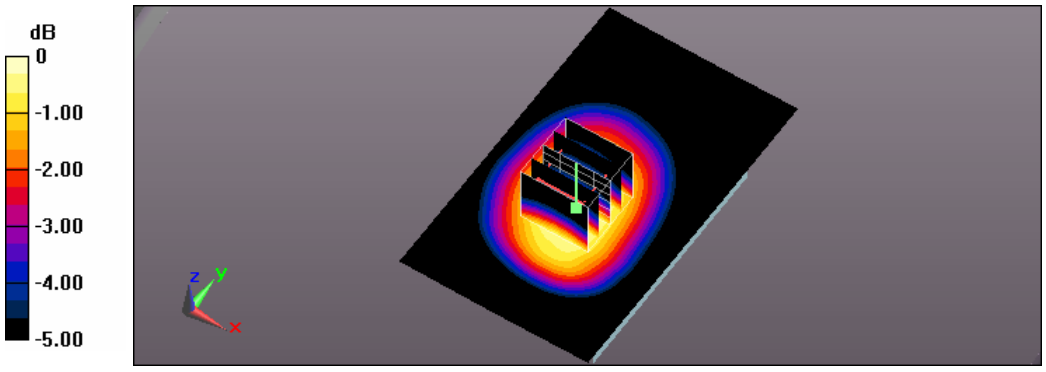
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.02 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.791 W/kg; SAR(10 g) = 0.587 W/kg

Maximum value of SAR (measured) = 0.922 W/kg



0 dB = 0.922 W/kg = -0.35 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/29Time: AM 12:30:44

117_Flat_1xEvDo 850 CH777_ Rev.0_primary_side 2 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, 1xEVDO Cellular (0);Frequency: 848.31 MHz;Duty Cycle: 1:1

Medium parameters used: f = 848.31 MHz; σ = 1.015 S/m; ε_r = 55.882; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.991 W/kg

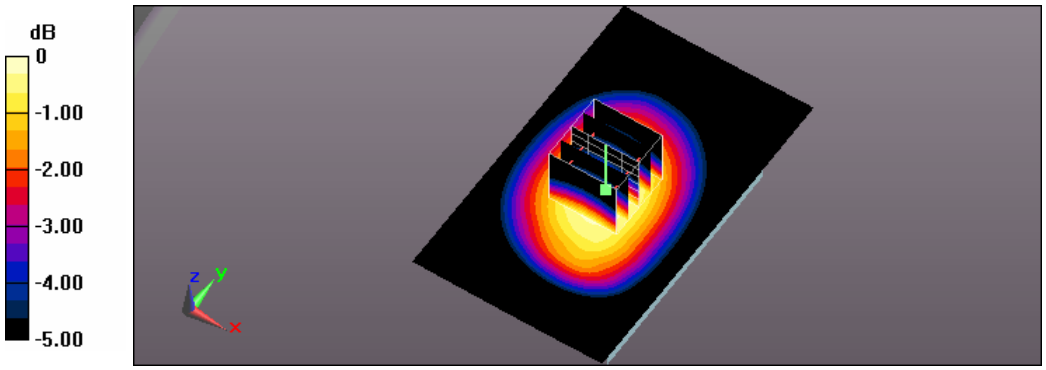
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.91 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.843 W/kg; SAR(10 g) = 0.626 W/kg

Maximum value of SAR (measured) = 0.985 W/kg



0 dB = 0.985 W/kg = -0.07 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/28Time: AM 02:18:45

94_Flat_1xEvDo 850 CH384_ Rev.0_primary_side 3 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, 1xEVDO Cellular (0);Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium parameters used: f = 837 MHz; σ = 1.001 S/m; ε_r = 55.892; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.598 W/kg

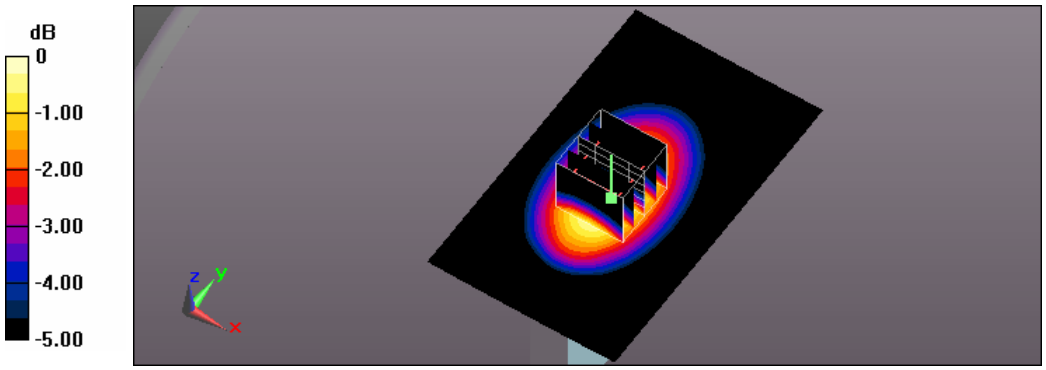
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.63 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.679 W/kg

SAR(1 g) = 0.493 W/kg; SAR(10 g) = 0.347 W/kg

Maximum value of SAR (measured) = 0.598 W/kg



0 dB = 0.598 W/kg = -2.23 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/28Time: AM 02:34:56

95_Flat_1xEvDo 850 CH384_ Rev.0_primary_side 4 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, 1xEVDO Cellular (0);Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium parameters used: f = 837 MHz; σ = 1.001 S/m; ε_r = 55.892; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.438 W/kg

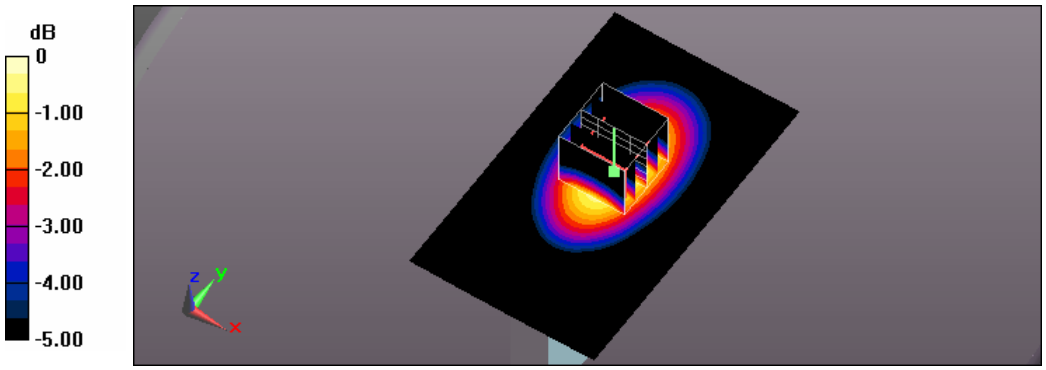
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.22 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.495 W/kg

SAR(1 g) = 0.357 W/kg; SAR(10 g) = 0.249 W/kg

Maximum value of SAR (measured) = 0.436 W/kg



0 dB = 0.436 W/kg = -3.61 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/29Time: AM 01:26:01

118_Flat_1xEvDo 850 CH384_Rev.0_primary_side 5 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, 1xEVDO Cellular (0);Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium parameters used: f = 837 MHz; σ = 1.001 S/m; ε_r = 55.892; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

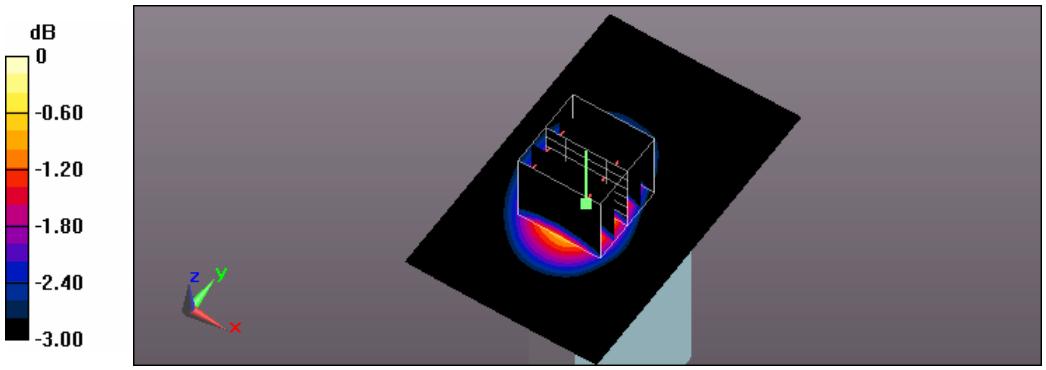
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.54 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.187 W/kg

SAR(1 g) = 0.130 W/kg; SAR(10 g) = 0.089 W/kg

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



0 dB = 0.160 W/kg = -7.96 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/25Time: AM 12:56:55

55_Flat_CDMA 1900 CH25_RC1 SO55_primary_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, CDMA PCS (0);Frequency: 1851.25 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1851.25 MHz; σ = 1.467 S/m; ε_r = 54.361; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.32 W/kg

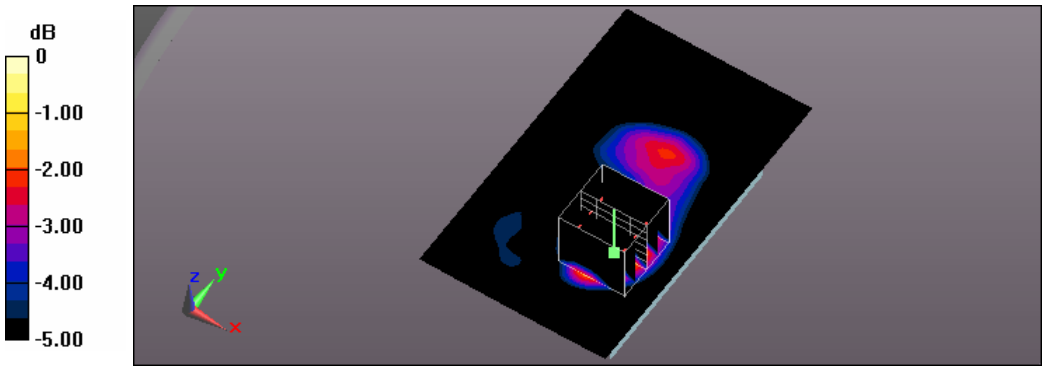
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.30 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 0.972 W/kg; SAR(10 g) = 0.551 W/kg

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



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

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/25Time: AM 12:40:28

54_Flat_CDMA 1900 CH600_RC1 SO55_primary_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, CDMA PCS (0);Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz; σ = 1.459 S/m; ε_r = 54.374; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.14 W/kg

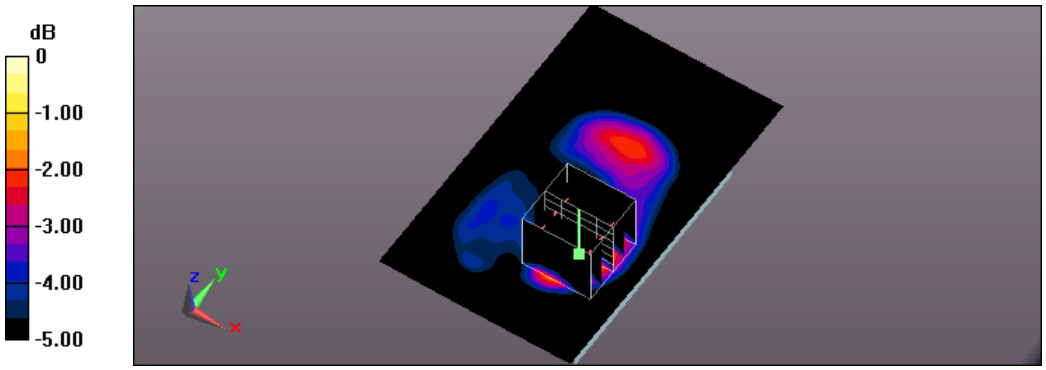
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.42 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.40 W/kg

SAR(1 g) = 0.848 W/kg; SAR(10 g) = 0.477 W/kg

Maximum value of SAR (measured) = 1.13 W/kg



0 dB = 1.13 W/kg = 0.53 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/25Time: AM 01:13:57

56_Flat_CDMA 1900 CH1175_RC1 SO55_primary_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, CDMA PCS (0);Frequency: 1908.75 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1909 MHz; σ = 1.495 S/m; ε_r = 53.944; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.00 W/kg

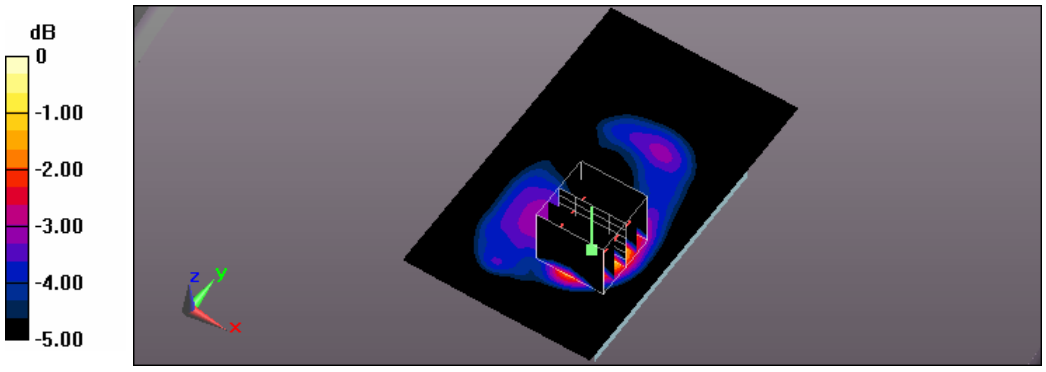
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.18 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.723 W/kg; SAR(10 g) = 0.409 W/kg

Maximum value of SAR (measured) = 0.973 W/kg



0 dB = 0.973 W/kg = -0.12 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2015/4/25Time: AM 01:34:54

57_Flat_CDMA 1900 CH600_RC1 SO55_primary_side 2 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, CDMA PCS (0);Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz; σ = 1.459 S/m; ε_r = 54.374; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.729 W/kg

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

Reference Value = 22.77 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.919 W/kg

SAR(1 g) = 0.564 W/kg; SAR(10 g) = 0.334 W/kg

Maximum value of SAR (measured) = 0.742 W/kg

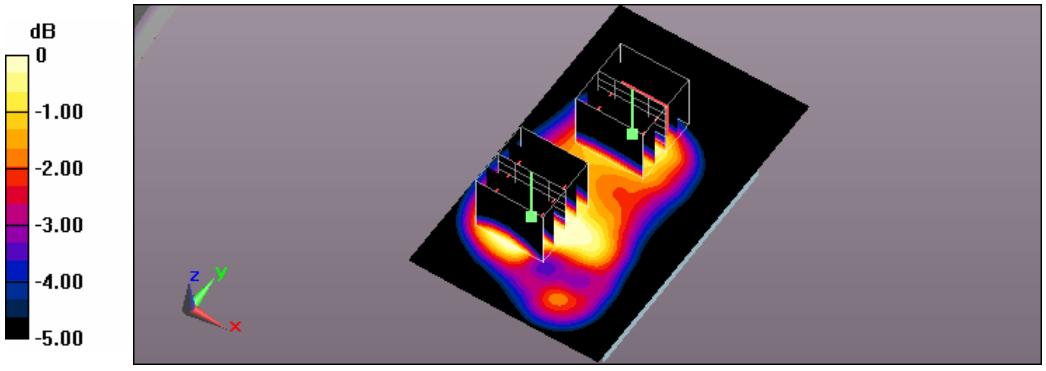
Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.77 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.580 W/kg

SAR(1 g) = 0.379 W/kg; SAR(10 g) = 0.238 W/kg

Maximum value of SAR (measured) = 0.486 W/kg



0 dB = 0.486 W/kg = -3.13 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/25Time: AM 01:59:26

58_Flat_CDMA 1900 CH600_RC1 SO55_primary_side 3 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, CDMA PCS (0);Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz; σ = 1.459 S/m; ε_r = 54.374; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.381 W/kg

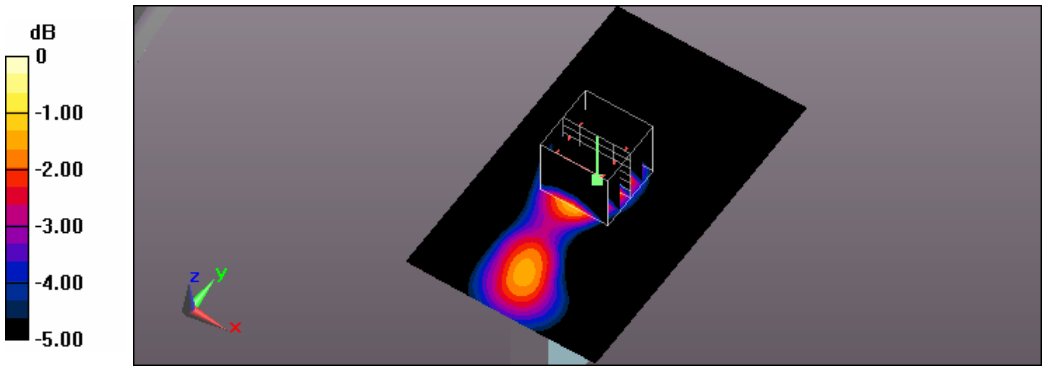
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.53 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.438 W/kg

SAR(1 g) = 0.277 W/kg; SAR(10 g) = 0.166 W/kg

Maximum value of SAR (measured) = 0.363 W/kg



0 dB = 0.363 W/kg = -4.40 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/25Time: AM 02:16:03

59_Flat_CDMA 1900 CH600_RC1 SO55_primary_side 4 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, CDMA PCS (0);Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz; σ = 1.459 S/m; ε_r = 54.374; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.658 W/kg

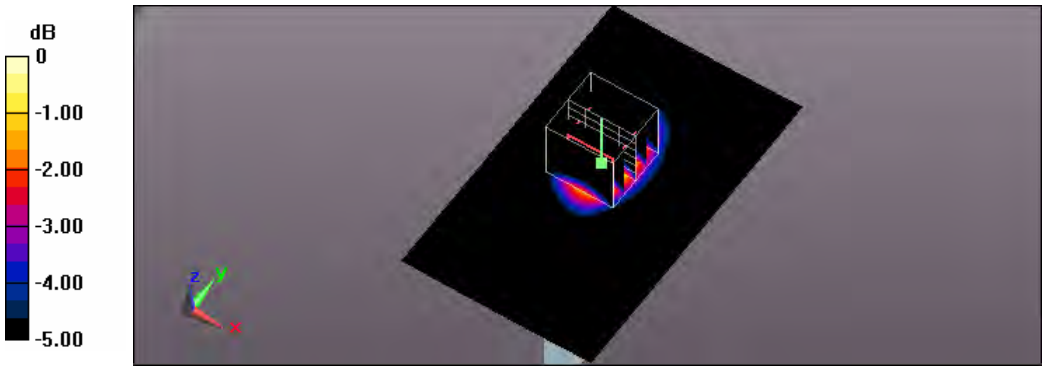
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.54 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.793 W/kg

SAR(1 g) = 0.501 W/kg; SAR(10 g) = 0.298 W/kg

Maximum value of SAR (measured) = 0.655 W/kg



0 dB = 0.655 W/kg = -1.84 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/27Time: AM 10:27:28

60_Flat_CDMA 1900 CH600_RC1 SO55_primary_side 5 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, CDMA PCS (0);Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz; σ = 1.459 S/m; ε_r = 54.374; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.652 W/kg

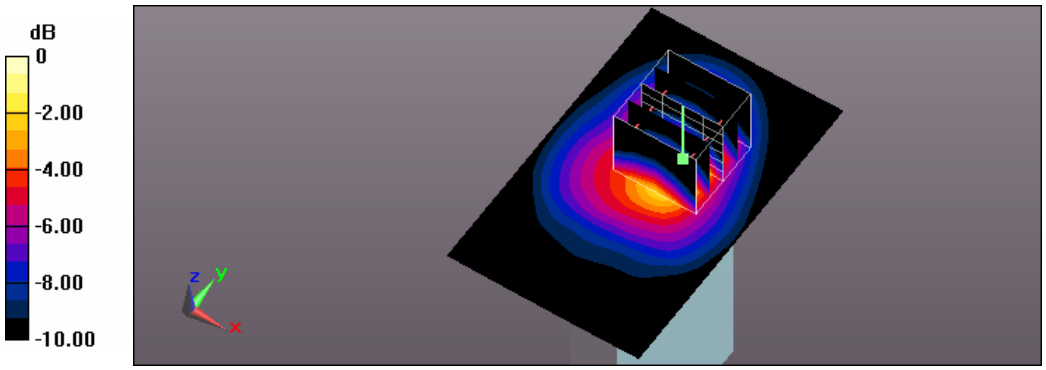
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.03 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.796 W/kg

SAR(1 g) = 0.485 W/kg; SAR(10 g) = 0.266 W/kg

Maximum value of SAR (measured) = 0.668 W/kg



0 dB = 0.668 W/kg = -1.75 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/27Time: AM 11:47:05

64_Flat_1xRTT 1900 CH25_RC3 SO32_primary_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, CDMA 1xRTT PCS (0);Frequency: 1851.25 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1851.25 MHz; σ = 1.467 S/m; ε_r = 54.361; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

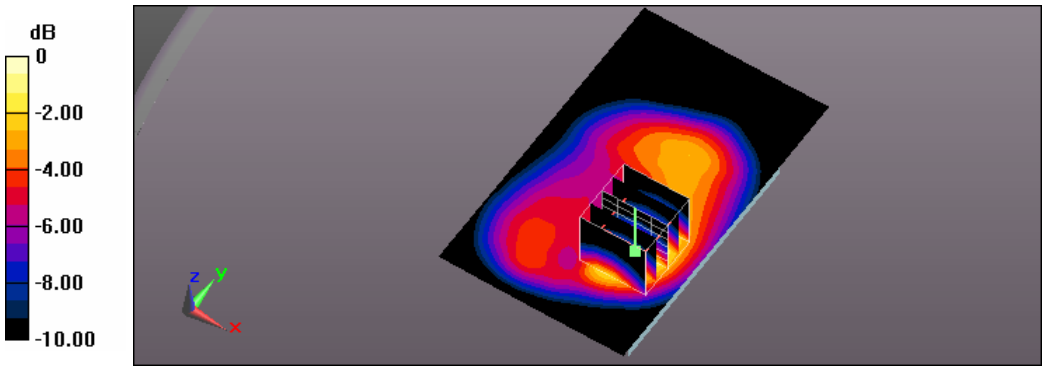
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.56 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.894 W/kg; SAR(10 g) = 0.515 W/kg

Maximum value of SAR (measured) = 1.19 W/kg



0 dB = 1.19 W/kg = 0.76 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/27Time: AM 11:28:50

63_Flat_1xRTT 1900 CH600_RC3 SO32_primary_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, CDMA 1xRTT PCS (0);Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz; σ = 1.459 S/m; ε_r = 54.374; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.00 W/kg

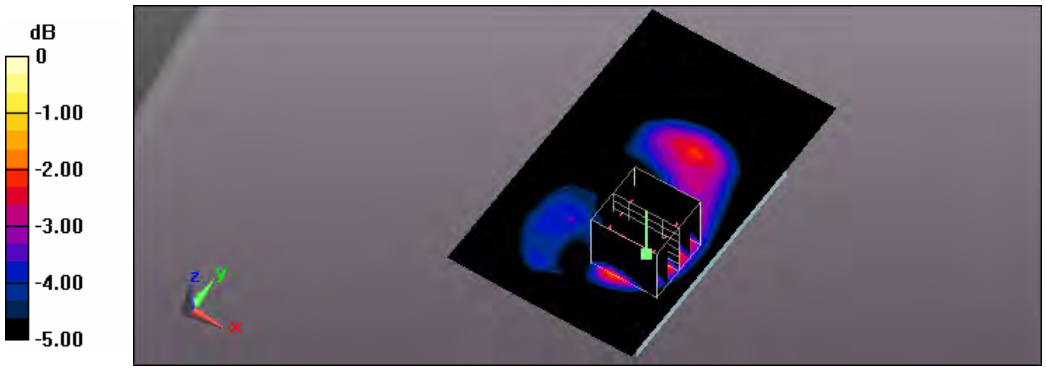
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.19 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.762 W/kg; SAR(10 g) = 0.437 W/kg

Maximum value of SAR (measured) = 1.00 W/kg



0 dB = 1.00 W/kg = 0.00 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/27Time: PM 12:03:57

65_Flat_1xRTT 1900 CH1175_RC3 SO32_primary_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, CDMA 1xRTT PCS (0);Frequency: 1908.75 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1909 MHz; σ = 1.495 S/m; ε_r = 53.944; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.885 W/kg

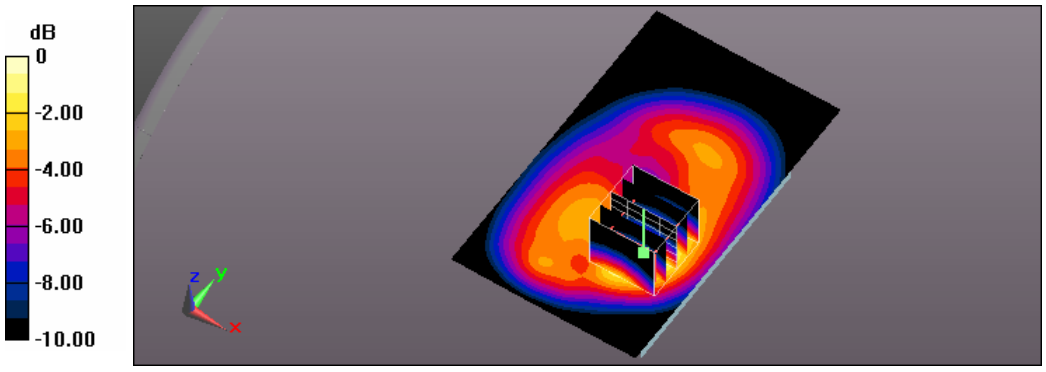
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.40 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.650 W/kg; SAR(10 g) = 0.373 W/kg

Maximum value of SAR (measured) = 0.874 W/kg



0 dB = 0.874 W/kg = -0.58 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/27Time: PM 02:28:55

70_Flat_1xRTT 1900 CH600_RC3 SO32_primary_side 2 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, CDMA 1xRTT PCS (0);Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz; σ = 1.459 S/m; ε_r = 54.374; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.731 W/kg

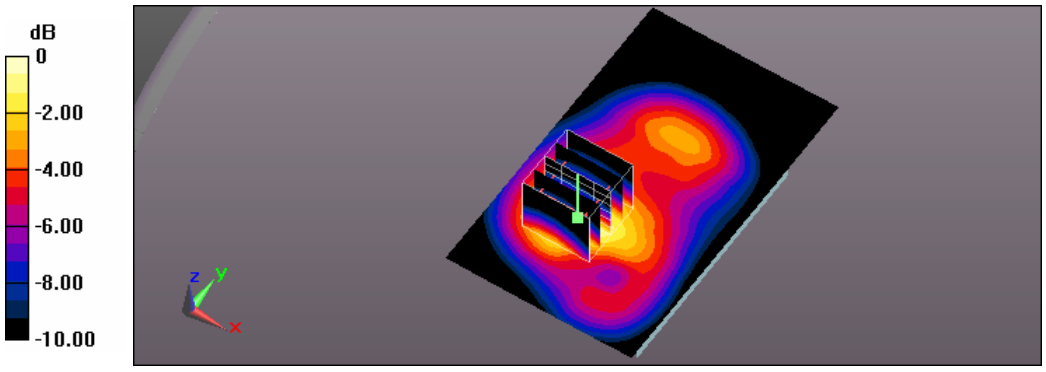
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.81 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.893 W/kg

SAR(1 g) = 0.551 W/kg; SAR(10 g) = 0.330 W/kg

Maximum value of SAR (measured) = 0.729 W/kg



0 dB = 0.729 W/kg = -1.37 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/27Time: PM 02:51:07

71_Flat_1xRTT 1900 CH600_RC3 SO32_primary_side 3 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, CDMA 1xRTT PCS (0);Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz; σ = 1.459 S/m; ε_r = 54.374; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.297 W/kg

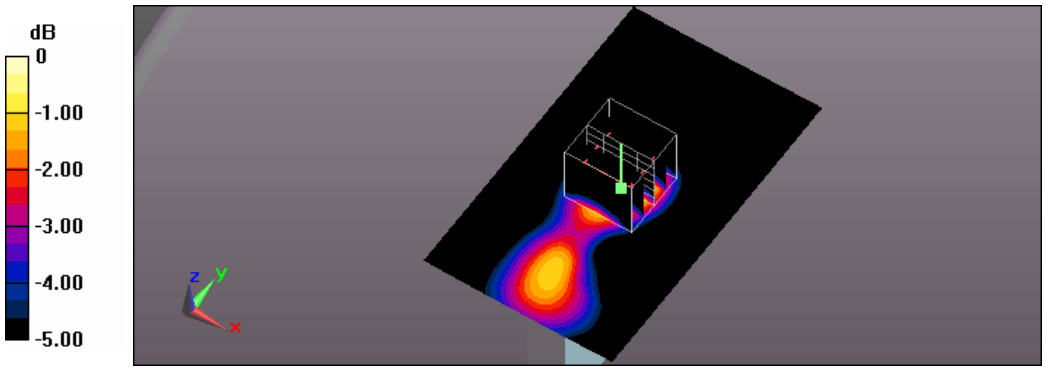
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.49 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.360 W/kg

SAR(1 g) = 0.229 W/kg; SAR(10 g) = 0.138 W/kg

Maximum value of SAR (measured) = 0.297 W/kg



0 dB = 0.297 W/kg = -5.27 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/27Time: PM 04:02:10

74_Flat_1xRTT 1900 CH600_RC3 SO32_primary_side 4 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, CDMA 1xRTT PCS (0);Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz; σ = 1.459 S/m; ε_r = 54.374; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.696 W/kg

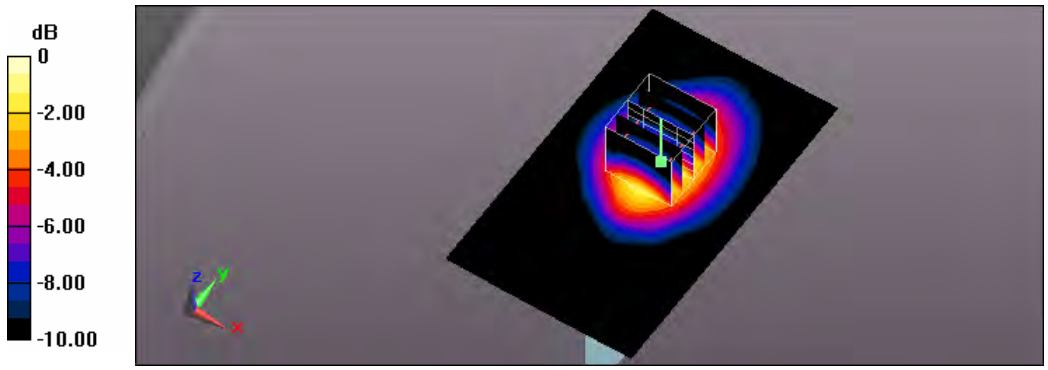
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.01 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.823 W/kg

SAR(1 g) = 0.518 W/kg; SAR(10 g) = 0.309 W/kg

Maximum value of SAR (measured) = 0.684 W/kg



0 dB = 0.684 W/kg = -1.65 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/27Time: AM 10:44:05

61_Flat_1xRTT 1900 CH600_RC3 SO32_primary_side 5 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, CDMA 1xRTT PCS (0);Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz; σ = 1.459 S/m; ε_r = 54.374; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.649 W/kg

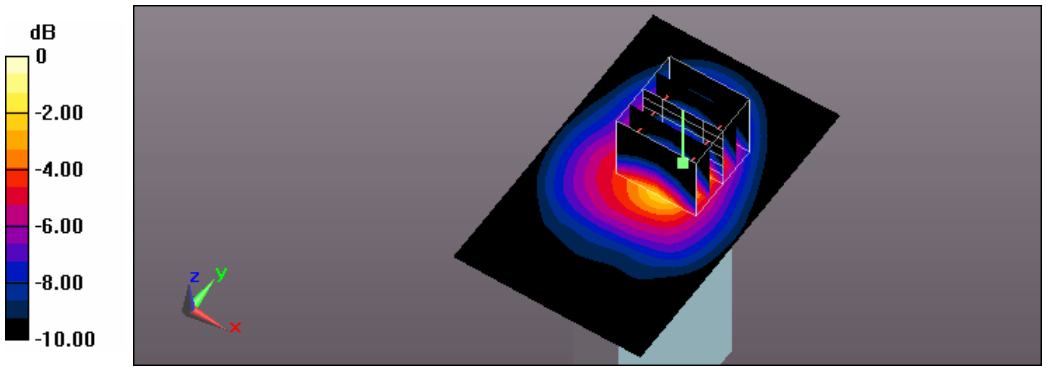
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.09 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.797 W/kg

SAR(1 g) = 0.485 W/kg; SAR(10 g) = 0.266 W/kg

Maximum value of SAR (measured) = 0.669 W/kg



0 dB = 0.669 W/kg = -1.75 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/27Time: PM 01:24:03

67_Flat_1xEvDo 1900 CH25_Rev.0_primary_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, 1xEVDO PCS (0);Frequency: 1851.25 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1851.25 MHz; σ = 1.467 S/m; ε_r = 54.361; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.18 W/kg

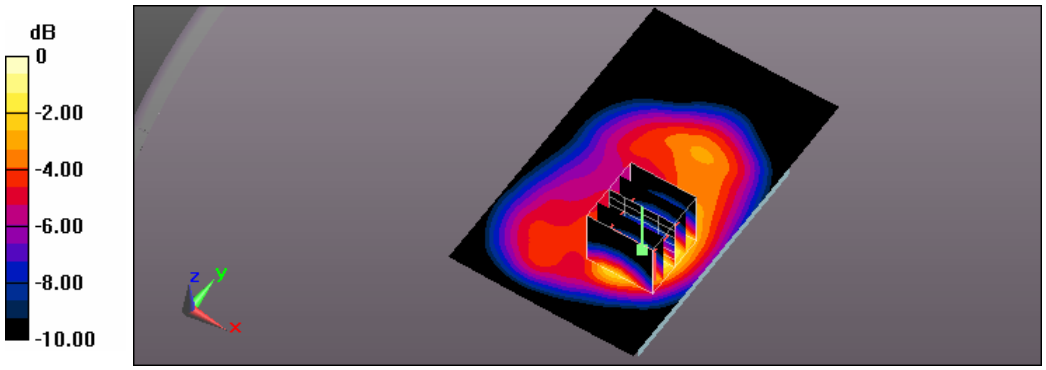
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.27 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.884 W/kg; SAR(10 g) = 0.511 W/kg

Maximum value of SAR (measured) = 1.17 W/kg



0 dB = 1.17 W/kg = 0.68 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/27Time: PM 01:04:31

66_Flat_1xEvDo 1900 CH600_Rev.0_primary_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, 1xEVDO PCS (0);Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz; σ = 1.459 S/m; ε_r = 54.374; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.989 W/kg

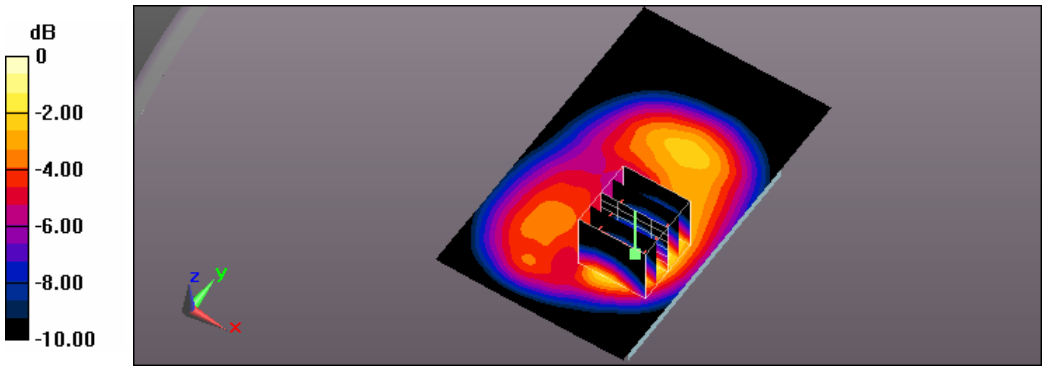
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.76 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.732 W/kg; SAR(10 g) = 0.421 W/kg

Maximum value of SAR (measured) = 0.974 W/kg



0 dB = 0.974 W/kg = -0.11 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/27Time: PM 01:42:57

68_Flat_1xEvDo 1900 CH1175_Rev.0_primary_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, 1xEVDO PCS (0);Frequency: 1908.75 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1909 MHz; σ = 1.495 S/m; ε_r = 53.944; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.893 W/kg

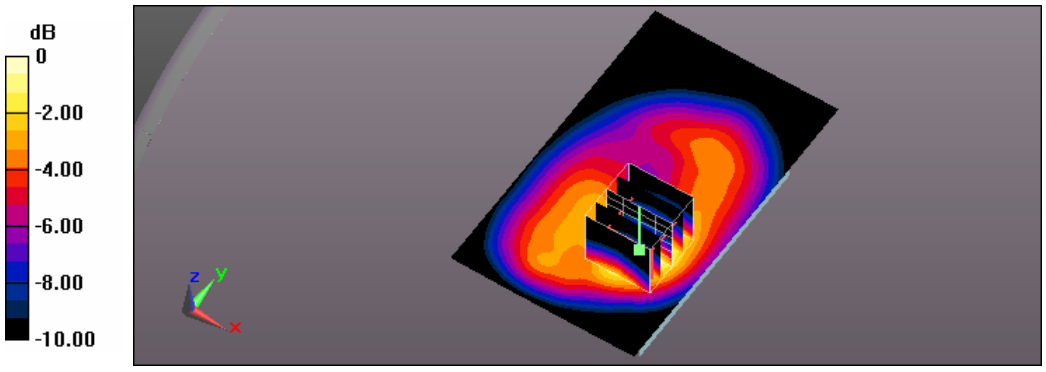
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.62 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.649 W/kg; SAR(10 g) = 0.375 W/kg

Maximum value of SAR (measured) = 0.880 W/kg



0 dB = 0.880 W/kg = -0.56 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/27Time: PM 02:07:04

69_Flat_1xEvDo 1900 CH600_Rev.0_primary_side 2 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, 1xEVDO PCS (0);Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz; σ = 1.459 S/m; ε_r = 54.374; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.716 W/kg

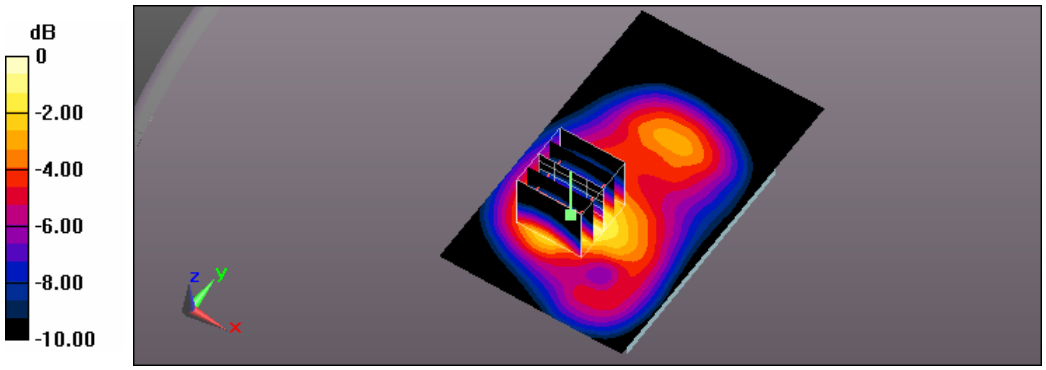
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.12 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.858 W/kg

SAR(1 g) = 0.534 W/kg; SAR(10 g) = 0.319 W/kg

Maximum value of SAR (measured) = 0.703 W/kg



0 dB = 0.703 W/kg = -1.53 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/27Time: PM 03:11:16

72_Flat_1xEvDo 1900 CH600_Rev.0_primary_side 3 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, 1xEVDO PCS (0);Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz; σ = 1.459 S/m; ε_r = 54.374; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.292 W/kg

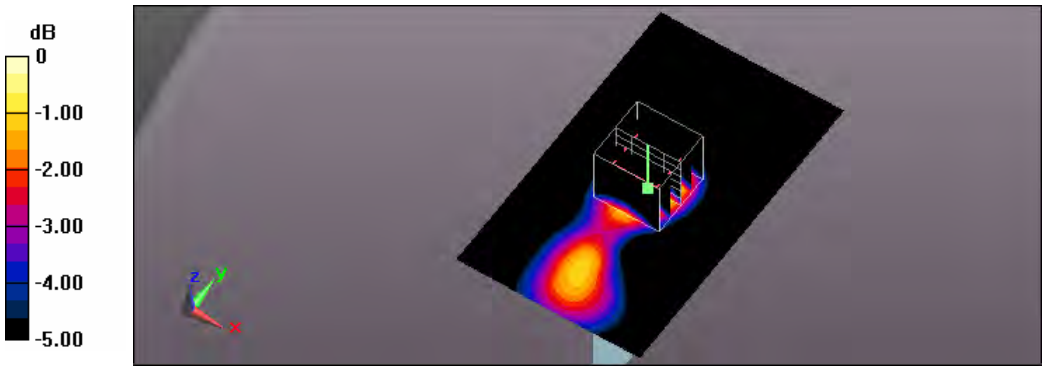
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.40 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.350 W/kg

SAR(1 g) = 0.224 W/kg; SAR(10 g) = 0.135 W/kg

Maximum value of SAR (measured) = 0.290 W/kg



0 dB = 0.290 W/kg = -5.38 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/27Time: PM 03:31:15

73_Flat_1xEvDo 1900 CH600_Rev.0_primary_side 4 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, 1xEVDO PCS (0);Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz; σ = 1.459 S/m; ε_r = 54.374; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.658 W/kg

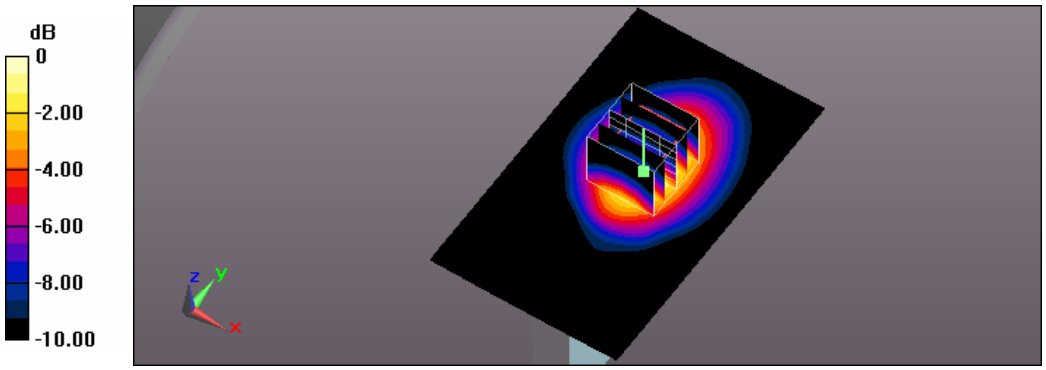
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.40 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.790 W/kg

SAR(1 g) = 0.497 W/kg; SAR(10 g) = 0.298 W/kg

Maximum value of SAR (measured) = 0.648 W/kg



0 dB = 0.648 W/kg = -1.88 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/27Time: AM 11:08:02

62_Flat_1xEvDo 1900 CH600_Rev.0_primary_side 5 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, 1xEVDO PCS (0);Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz; σ = 1.459 S/m; ε_r = 54.374; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

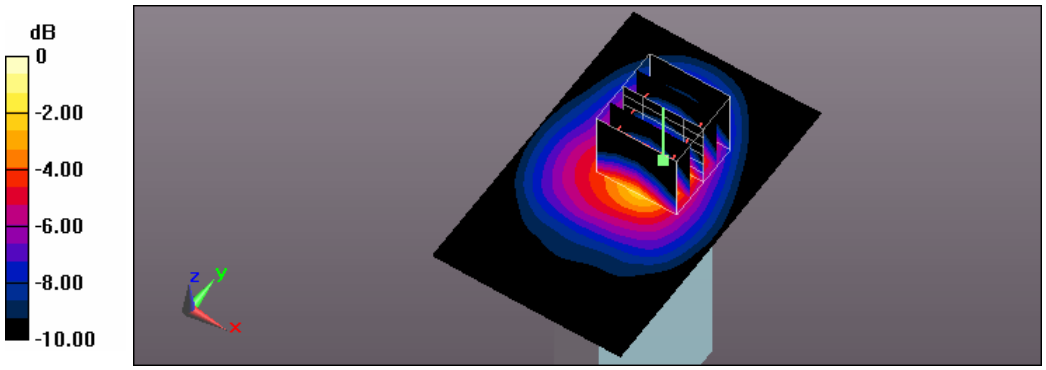
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.70 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.786 W/kg

SAR(1 g) = 0.479 W/kg; SAR(10 g) = 0.263 W/kg

Maximum value of SAR (measured) = 0.659 W/kg



0 dB = 0.659 W/kg = -1.81 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/23Time: PM 10:40:00

24_Flat_WCDMA Band II CH9262_original #18_side 1 surface to phantom 10mm_measurement onece

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, WCDMA Band II (0);Frequency: 1852.4 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1852.4 MHz; σ = 1.466 S/m; ε_r = 54.383; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.10 W/kg

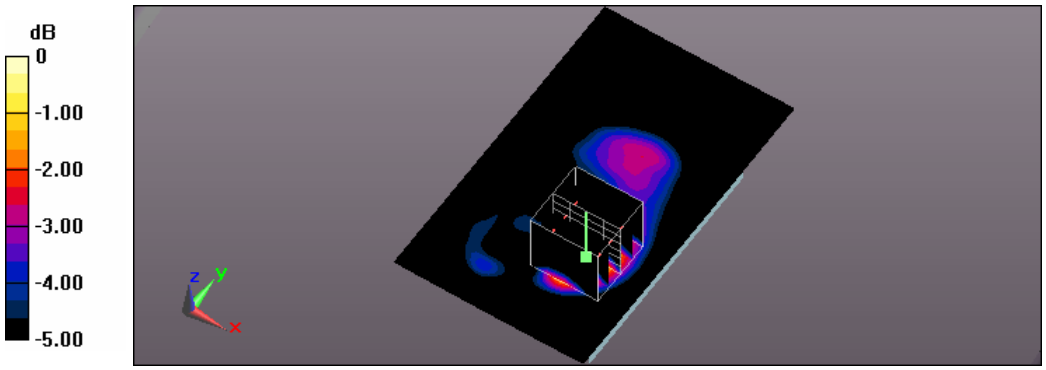
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.82 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.832 W/kg; SAR(10 g) = 0.471 W/kg

Maximum value of SAR (measured) = 1.10 W/kg



0 dB = 1.10 W/kg = 0.41 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/29Time: AM 01:07:57

119_Flat_CDMA 850 CH384_RC1 SO55_primary_original #76_side 1 surface to phantom 10mm_measurement onece

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, CDMA Cellular (0);Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium parameters used: f = 837 MHz; σ = 1.001 S/m; ε_r = 55.892; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

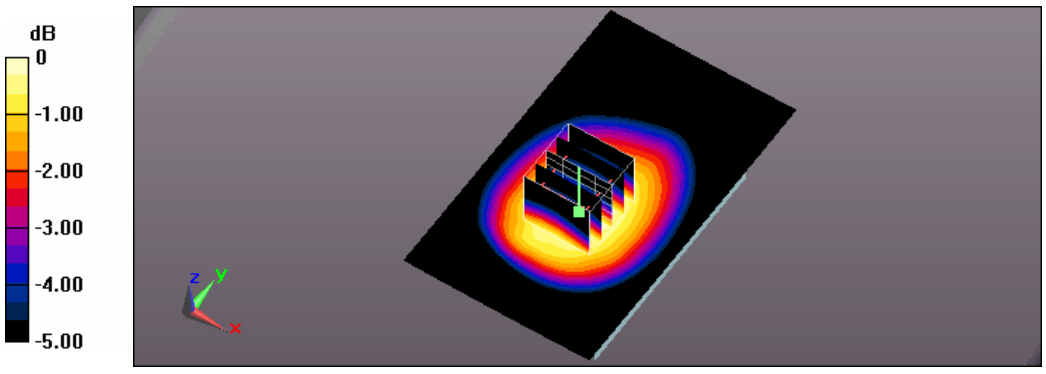
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.05 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.906 W/kg; SAR(10 g) = 0.680 W/kg

Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 1.05 W/kg = 0.21 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/27Time: PM 04:23:59

75_Flat_CDMA 1900 CH1175_RC1 SO55_primary_original #56_side 1 surface to phantom 10mm_measurement onece

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, CDMA PCS (0);Frequency: 1908.75 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1909 MHz; σ = 1.495 S/m; ε_r = 53.944; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.884 W/kg

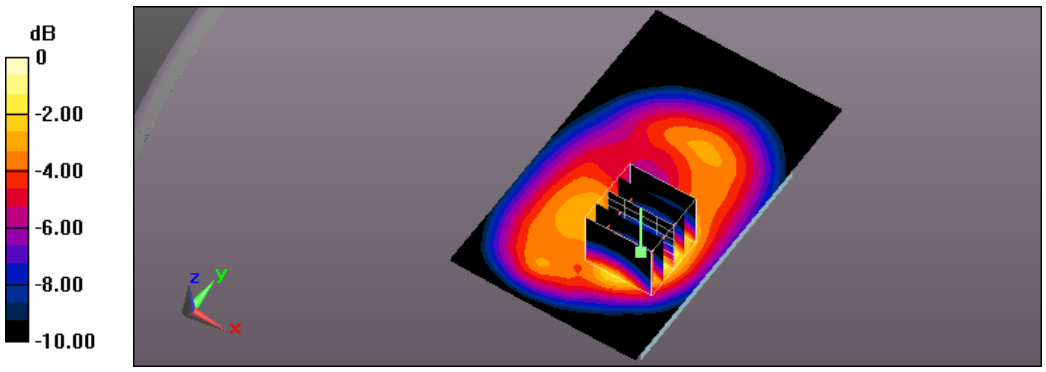
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.48 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.644 W/kg; SAR(10 g) = 0.371 W/kg

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



0 dB = 0.866 W/kg = -0.62 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2015/4/23Time: PM 04:35:57

2_Flat_LTE Band 2 BW 20M CH18700_QPSK with 1 RB Size 0 RB Offset_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

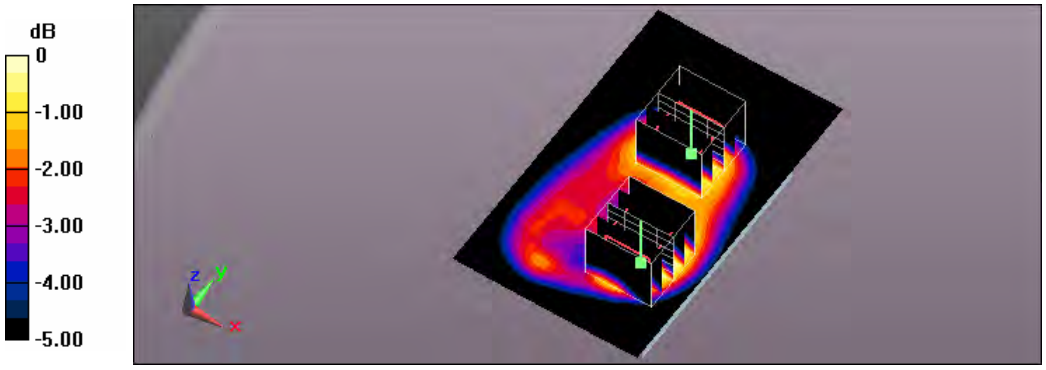
Communication System: UID 0, Generic LTE (0);Frequency: 1860 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1860 MHz; σ = 1.463 S/m; ε_r = 54.452; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.18 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.96 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 0.887 W/kg; SAR(10 g) = 0.511 W/kg
Maximum value of SAR (measured) = 1.17 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.96 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.877 W/kg
SAR(1 g) = 0.584 W/kg; SAR(10 g) = 0.375 W/kg
Maximum value of SAR (measured) = 0.739 W/kg



0 dB = 0.739 W/kg = -1.31 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/23Time: PM 04:19:11

1_Flat_LTE Band 2 BW 20M CH18900_QPSK with 1 RB Size 0 RB Offset_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, Generic LTE (0);Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz; σ = 1.459 S/m; ε_r = 54.374; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.16 W/kg

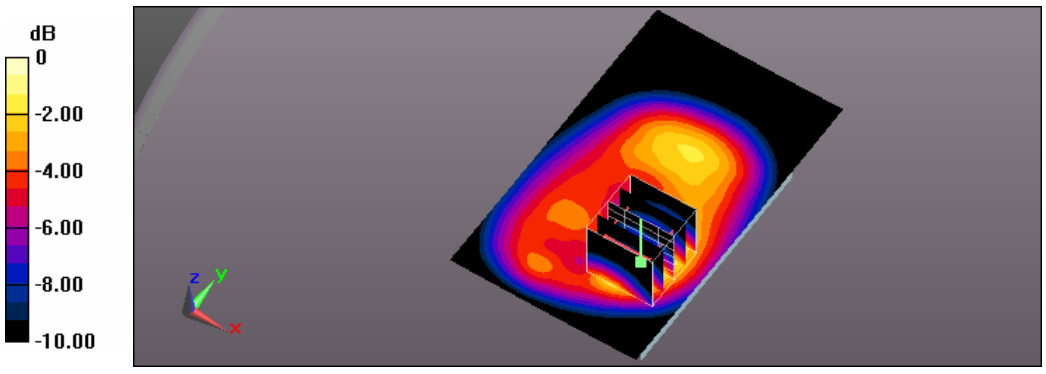
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.11 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.837 W/kg; SAR(10 g) = 0.480 W/kg

Maximum value of SAR (measured) = 1.10 W/kg



0 dB = 1.10 W/kg = 0.41 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/23Time: PM 04:58:58

3_Flat_LTE Band 2 BW 20M CH19100_QPSK with 1 RB Size 0 RB Offset_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

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

Medium parameters used: f = 1900 MHz; σ = 1.477 S/m; ε_r = 54.064; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

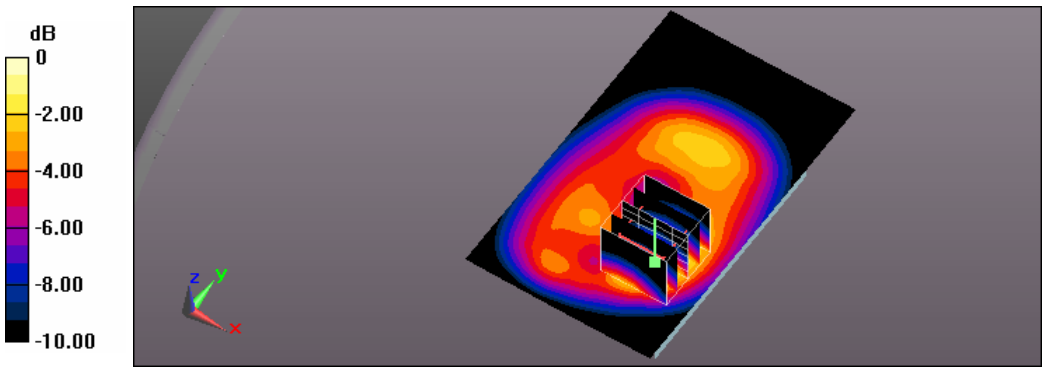
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.25 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.774 W/kg; SAR(10 g) = 0.444 W/kg

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



0 dB = 1.03 W/kg = 0.13 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2015/4/23Time: PM 06:58:44

8_Flat_LTE Band 2 BW 20M CH18900_QPSK with 1 RB Size 0 RB Offset_side 2 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

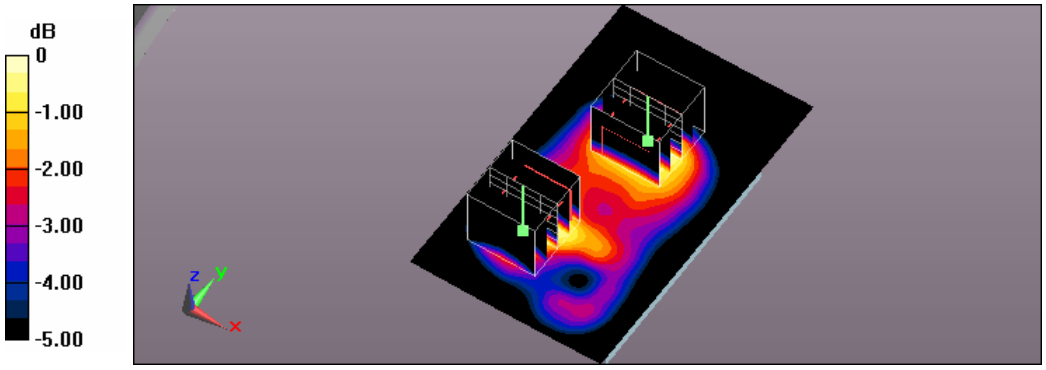
Communication System: UID 0, Generic LTE (0);Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.459 S/m; ε_r = 54.374; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.664 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.21 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.826 W/kg
SAR(1 g) = 0.507 W/kg; SAR(10 g) = 0.302 W/kg
Maximum value of SAR (measured) = 0.666 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.21 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.681 W/kg
SAR(1 g) = 0.443 W/kg; SAR(10 g) = 0.279 W/kg
Maximum value of SAR (measured) = 0.567 W/kg



0 dB = 0.567 W/kg = -2.46 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/23Time: PM 07:25:34

9_Flat_LTE Band 2 BW 20M CH18900_QPSK with 1 RB Size 0 RB Offset_side 3 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, Generic LTE (0);Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz; σ = 1.459 S/m; ε_r = 54.374; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.445 W/kg

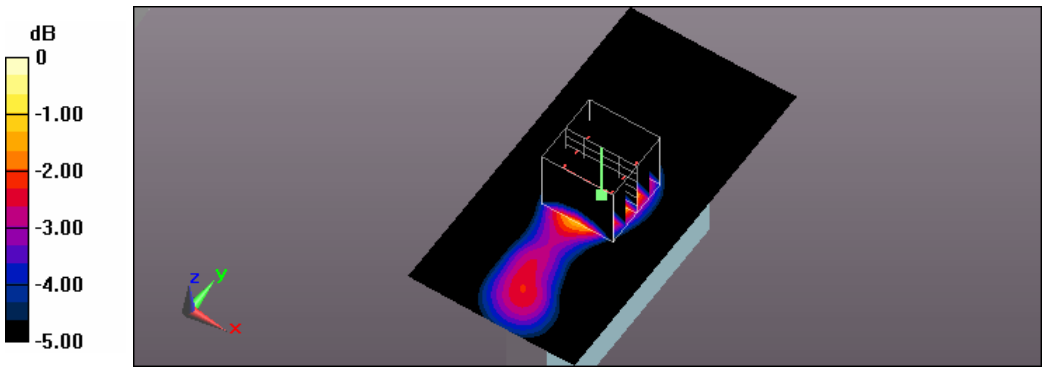
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.95 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.524 W/kg

SAR(1 g) = 0.332 W/kg; SAR(10 g) = 0.200 W/kg

Maximum value of SAR (measured) = 0.436 W/kg



0 dB = 0.436 W/kg = -3.61 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/23Time: PM 08:10:24

12_Flat_LTE Band 2 BW 20M CH18900_QPSK with 1 RB Size 0 RB Offset_side 4 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, Generic LTE (0);Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz; σ = 1.459 S/m; ε_r = 54.374; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.748 W/kg

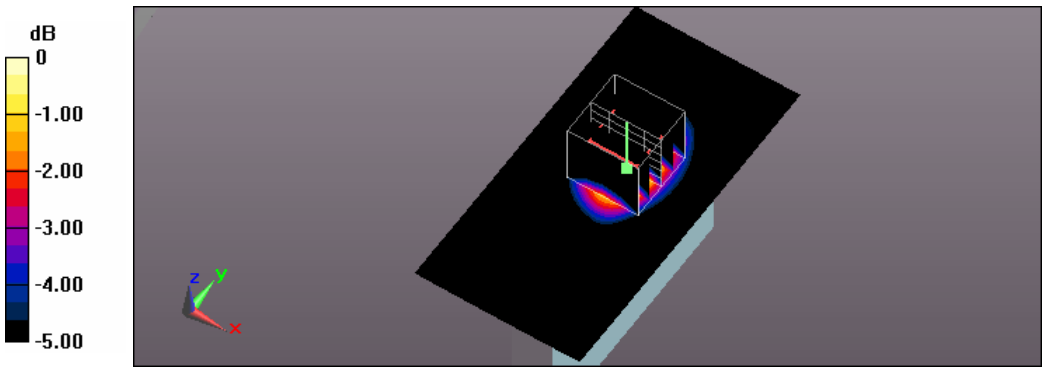
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.58 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.856 W/kg

SAR(1 g) = 0.539 W/kg; SAR(10 g) = 0.324 W/kg

Maximum value of SAR (measured) = 0.707 W/kg



0 dB = 0.707 W/kg = -1.51 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/23Time: PM 08:30:35

13_Flat_LTE Band 2 BW 20M CH18900_QPSK with 1 RB Size 0 RB Offset_side 5 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, Generic LTE (0);Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz; σ = 1.459 S/m; ε_r = 54.374; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.792 W/kg

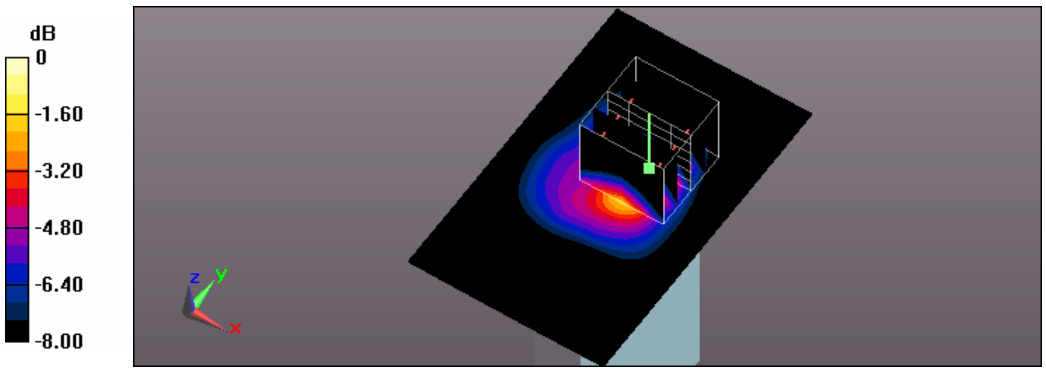
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.71 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.925 W/kg

SAR(1 g) = 0.553 W/kg; SAR(10 g) = 0.297 W/kg

Maximum value of SAR (measured) = 0.775 W/kg



0 dB = 0.775 W/kg = -1.11 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2015/4/23Time: PM 05:42:26

5_Flat_LTE Band 2 BW 20M CH18700_QPSK with 50 RB Size 0 RB Offset_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

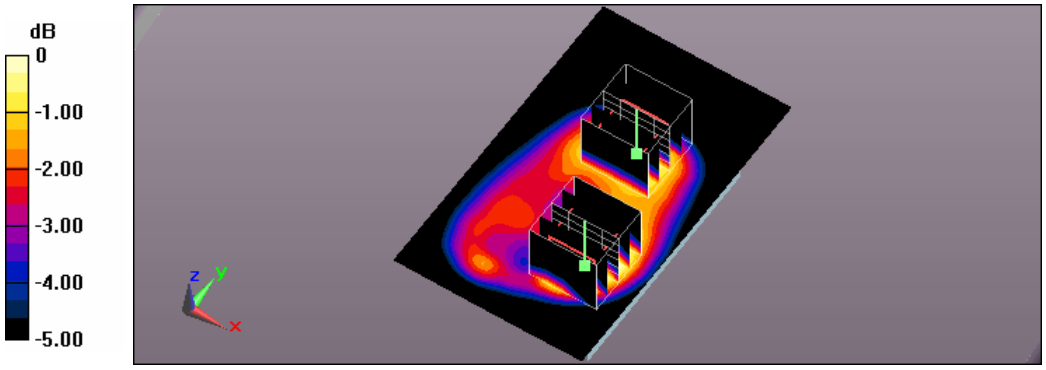
Communication System: UID 0, Generic LTE (0);Frequency: 1860 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1860 MHz; σ = 1.463 S/m; ε_r = 54.452; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.845 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.81 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.04 W/kg
SAR(1 g) = 0.636 W/kg; SAR(10 g) = 0.367 W/kg
Maximum value of SAR (measured) = 0.837 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.81 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.630 W/kg
SAR(1 g) = 0.420 W/kg; SAR(10 g) = 0.272 W/kg
Maximum value of SAR (measured) = 0.531 W/kg



0 dB = 0.531 W/kg = -2.75 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2015/4/23Time: PM 05:16:05

4_Flat_LTE Band 2 BW 20M CH18900_QPSK with 50 RB Size 0 RB Offset_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

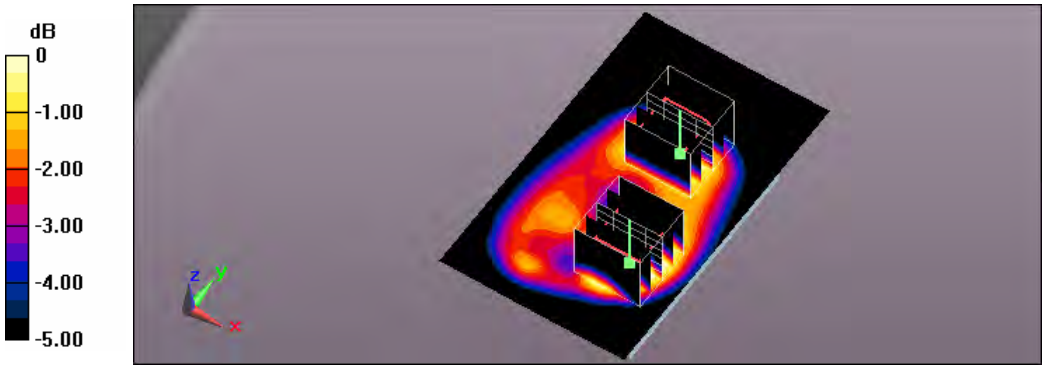
Communication System: UID 0, Generic LTE (0);Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.459 S/m; ε_r = 54.374; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.775 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.97 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.959 W/kg
SAR(1 g) = 0.591 W/kg; SAR(10 g) = 0.341 W/kg
Maximum value of SAR (measured) = 0.781 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.97 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.573 W/kg
SAR(1 g) = 0.379 W/kg; SAR(10 g) = 0.243 W/kg
Maximum value of SAR (measured) = 0.479 W/kg



0 dB = 0.479 W/kg = -3.20 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/23Time: PM 06:06:01

6_Flat_LTE Band 2 BW 20M CH19100_QPSK with 50 RB Size 0 RB Offset_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

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

Medium parameters used: f = 1900 MHz; σ = 1.477 S/m; ε_r = 54.064; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.775 W/kg

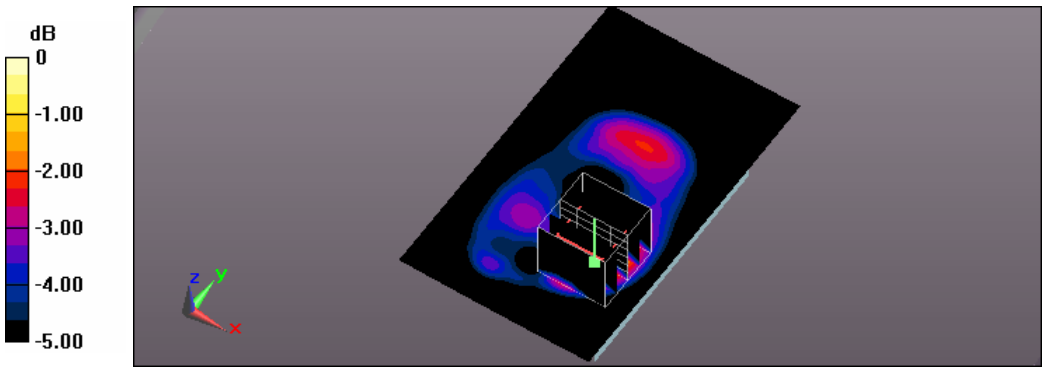
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.09 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.975 W/kg

SAR(1 g) = 0.594 W/kg; SAR(10 g) = 0.342 W/kg

Maximum value of SAR (measured) = 0.790 W/kg



0 dB = 0.790 W/kg = -1.02 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/23Time: PM 06:42:15

7_Flat_LTE Band 2 BW 20M CH18900_QPSK with 50 RB Size 0 RB Offset_side 2 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, Generic LTE (0);Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz; σ = 1.459 S/m; ε_r = 54.374; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.478 W/kg

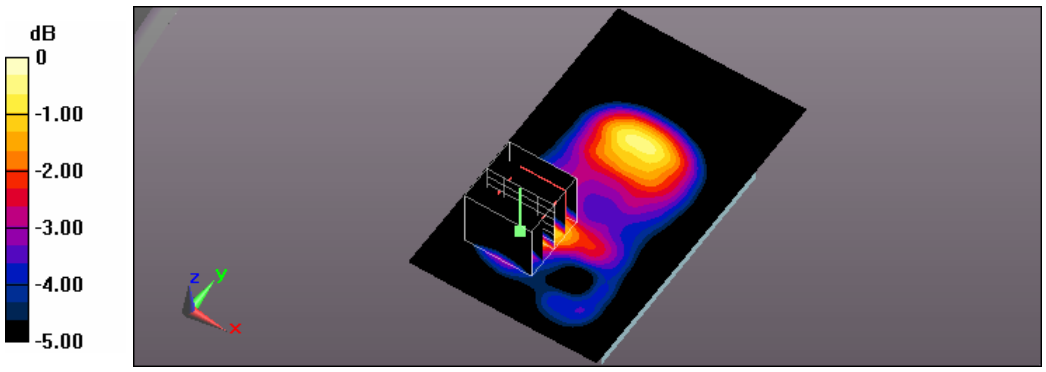
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.08 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.606 W/kg

SAR(1 g) = 0.372 W/kg; SAR(10 g) = 0.222 W/kg

Maximum value of SAR (measured) = 0.490 W/kg



0 dB = 0.490 W/kg = -3.10 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/23Time: PM 07:40:19

10_Flat_LTE Band 2 BW 20M CH18900_QPSK with 50 RB Size 0 RB Offset_side 3 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, Generic LTE (0);Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz; σ = 1.459 S/m; ε_r = 54.374; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.316 W/kg

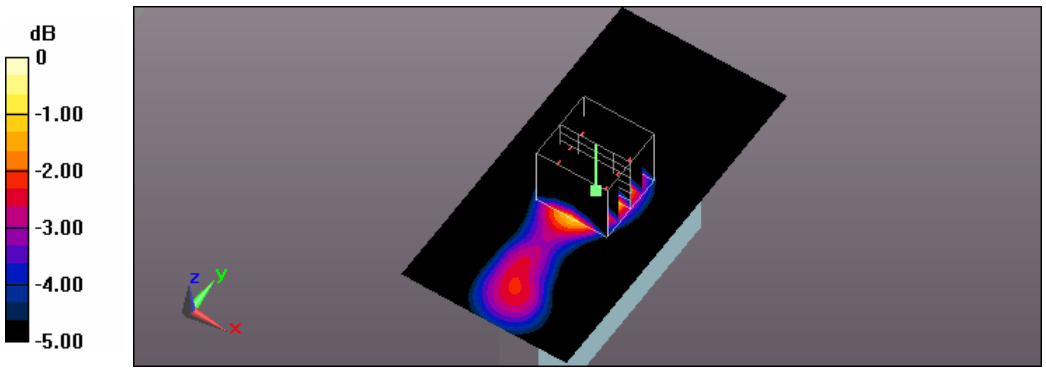
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.22 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.374 W/kg

SAR(1 g) = 0.234 W/kg; SAR(10 g) = 0.141 W/kg

Maximum value of SAR (measured) = 0.309 W/kg



0 dB = 0.309 W/kg = -5.10 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/23Time: PM 07:55:46

11_Flat_LTE Band 2 BW 20M CH18900_QPSK with 50 RB Size 0 RB Offset_side 4 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, Generic LTE (0);Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz; σ = 1.459 S/m; ε_r = 54.374; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.502 W/kg

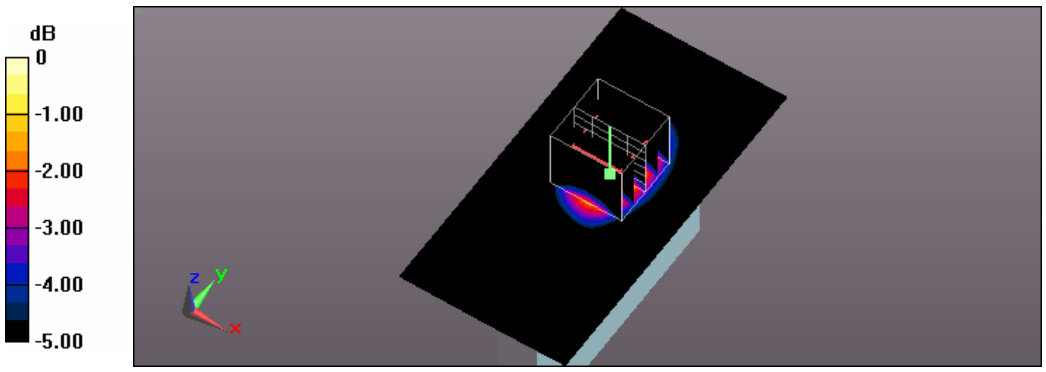
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.63 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.617 W/kg

SAR(1 g) = 0.382 W/kg; SAR(10 g) = 0.227 W/kg

Maximum value of SAR (measured) = 0.507 W/kg



0 dB = 0.507 W/kg = -2.95 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/23Time: PM 08:44:07

14_Flat_LTE Band 2 BW 20M CH18900_QPSK with 50 RB Size 0 RB Offset_side 5 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, Generic LTE (0);Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz; σ = 1.459 S/m; ε_r = 54.374; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.568 W/kg

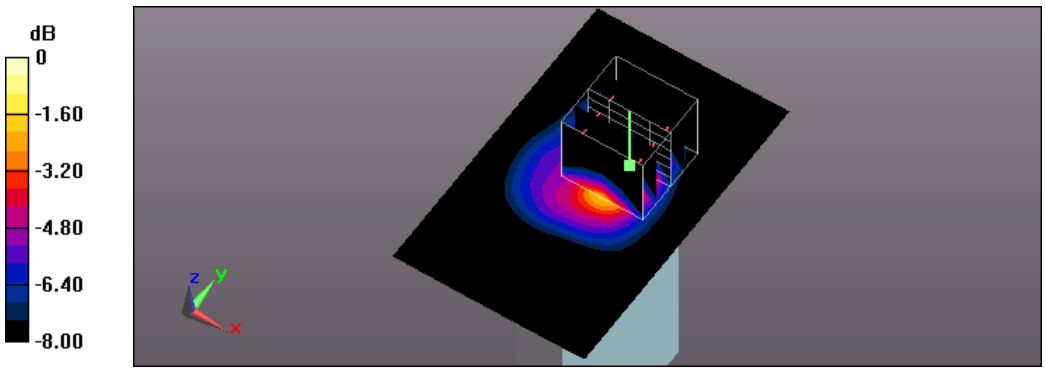
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.70 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.674 W/kg

SAR(1 g) = 0.401 W/kg; SAR(10 g) = 0.214 W/kg

Maximum value of SAR (measured) = 0.563 W/kg



0 dB = 0.563 W/kg = -2.49 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/23Time: PM 09:00:26

15_Flat_LTE Band 2 BW 20M CH18700_QPSK with 100 RB Size 0 RB Offset_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, Generic LTE (0);Frequency: 1860 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1860 MHz; σ = 1.463 S/m; ε_r = 54.452; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.930 W/kg

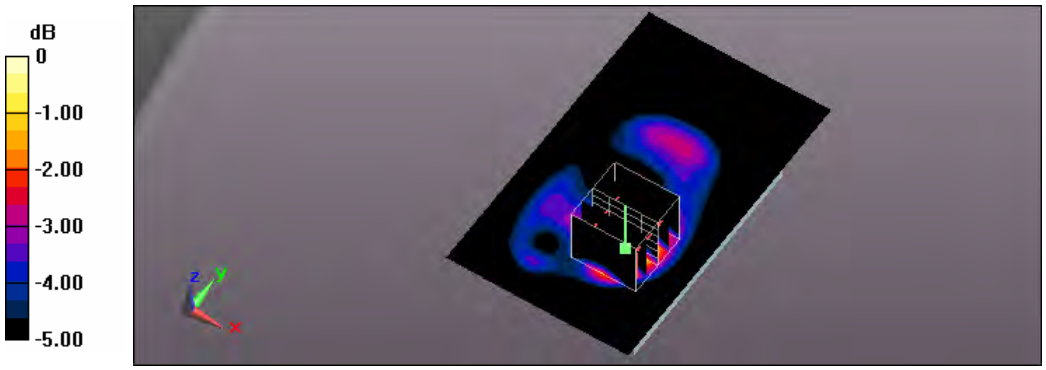
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.74 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.685 W/kg; SAR(10 g) = 0.388 W/kg

Maximum value of SAR (measured) = 0.914 W/kg



0 dB = 0.914 W/kg = -0.39 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2015/4/24Time: PM 01:02:06

34_Flat_LTE Band 4 BW 20M CH20050_QPSK with 1 RB Size 0 RB Offset_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

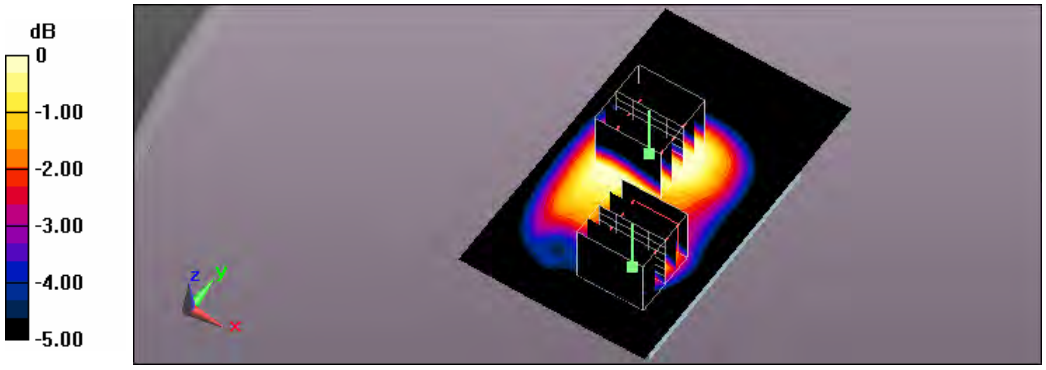
Communication System: UID 0, Generic LTE (0);Frequency: 1720 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1720 MHz; σ = 1.476 S/m; ε_r = 54.278; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.65, 7.65, 7.65); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.33 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.51 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.46 W/kg
SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.676 W/kg
Maximum value of SAR (measured) = 1.26 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.51 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.814 W/kg; SAR(10 g) = 0.468 W/kg
Maximum value of SAR (measured) = 1.04 W/kg



0 dB = 1.04 W/kg = 0.17 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2015/4/24Time: PM 12:29:27

33_Flat_LTE Band 4 BW 20M CH20175_QPSK with 1 RB Size 0 RB Offset_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

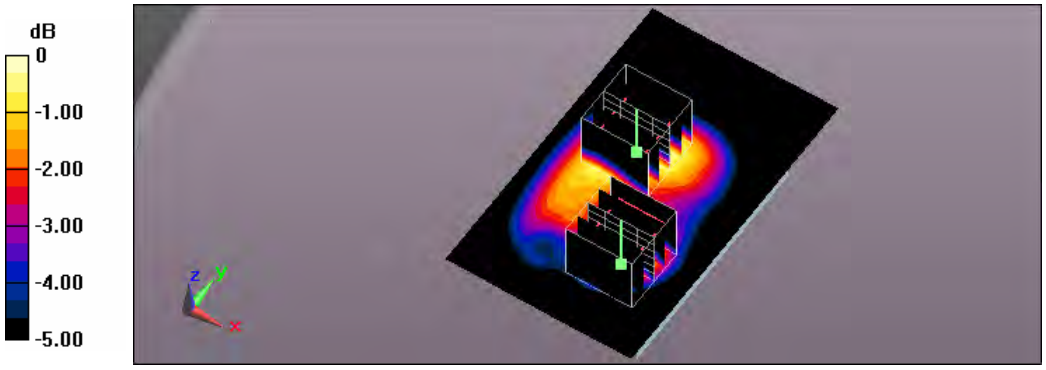
Communication System: UID 0, Generic LTE (0);Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1732.5 MHz; σ = 1.488 S/m; ε_r = 54.25; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.65, 7.65, 7.65); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.28 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.22 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.44 W/kg
SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.671 W/kg
Maximum value of SAR (measured) = 1.24 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.22 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.57 W/kg
SAR(1 g) = 0.967 W/kg; SAR(10 g) = 0.557 W/kg
Maximum value of SAR (measured) = 1.27 W/kg



0 dB = 1.27 W/kg = 1.04 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2015/4/24Time: PM 01:24:41

35_Flat_LTE Band 4 BW 20M CH20300_QPSK with 1 RB Size 0 RB Offset_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

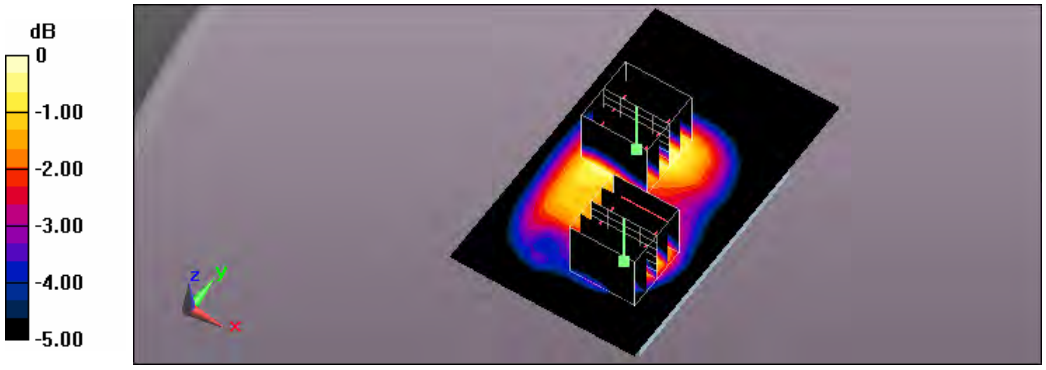
Communication System: UID 0, Generic LTE (0);Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.497 S/m; ε_r = 54.238; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.65, 7.65, 7.65); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.33 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.71 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.68 W/kg
SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.595 W/kg
Maximum value of SAR (measured) = 1.36 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.71 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.32 W/kg
SAR(1 g) = 0.906 W/kg; SAR(10 g) = 0.596 W/kg
Maximum value of SAR (measured) = 1.13 W/kg



0 dB = 1.13 W/kg = 0.53 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/24Time: PM 03:45:03

41_Flat_LTE Band 4 BW 20M CH20050_QPSK with 1 RB Size 0 RB Offset_side 2 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

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

Medium parameters used: f = 1720 MHz; σ = 1.476 S/m; ε_r = 54.278; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.65, 7.65, 7.65); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.954 W/kg

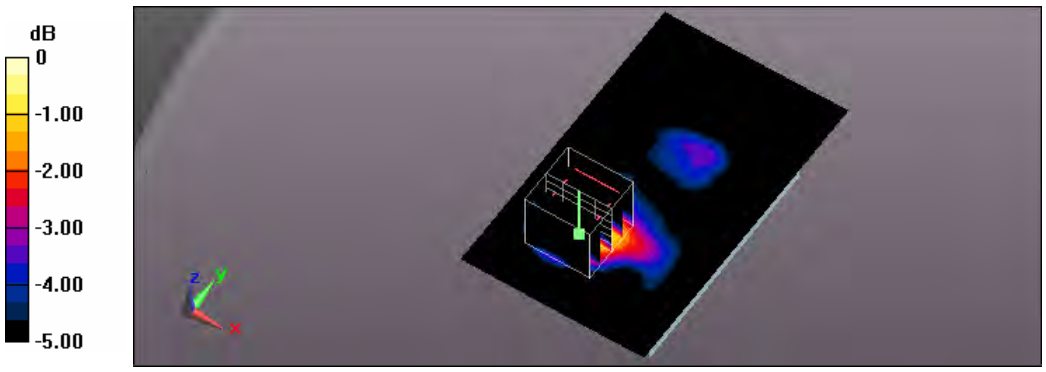
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.98 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.724 W/kg; SAR(10 g) = 0.443 W/kg

Maximum value of SAR (measured) = 0.930 W/kg



0 dB = 0.930 W/kg = -0.32 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/24Time: PM 03:28:13

40_Flat_LTE Band 4 BW 20M CH20175_QPSK with 1 RB Size 0 RB Offset_side 2 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, Generic LTE (0);Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1732.5 MHz; σ = 1.488 S/m; ε_r = 54.25; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.65, 7.65, 7.65); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

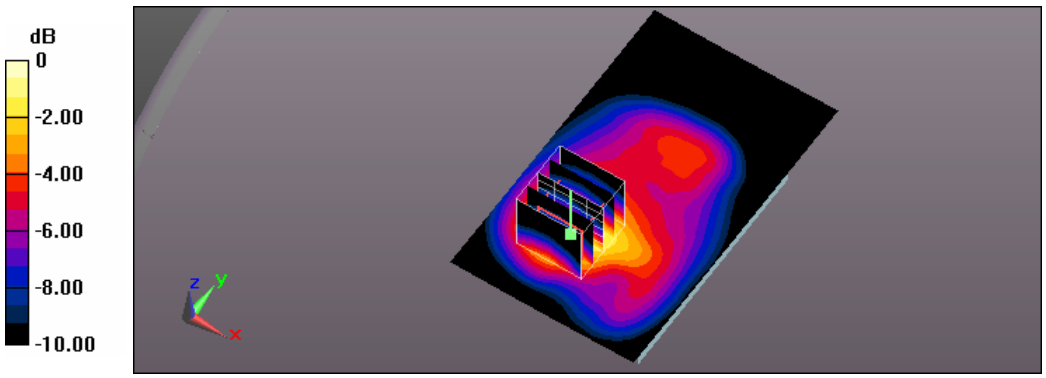
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.83 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.820 W/kg; SAR(10 g) = 0.494 W/kg

Maximum value of SAR (measured) = 1.07 W/kg



0 dB = 1.07 W/kg = 0.29 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/24Time: PM 04:01:02

42_Flat_LTE Band 4 BW 20M CH20300_QPSK with 1 RB Size 0 RB Offset_side 2 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, Generic LTE (0);Frequency: 1745 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1745 MHz; σ = 1.497 S/m; ε_r = 54.238; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.65, 7.65, 7.65); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.01 W/kg

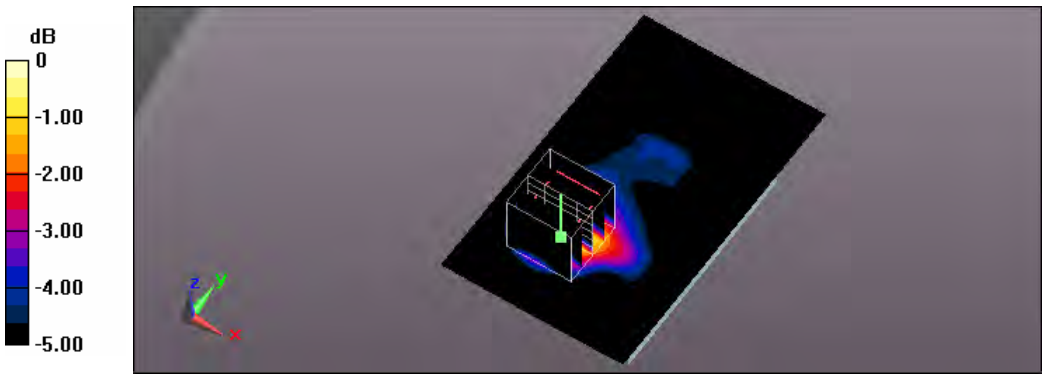
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.30 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.801 W/kg; SAR(10 g) = 0.490 W/kg

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



0 dB = 1.04 W/kg = 0.17 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/24Time: PM 05:36:52

47_Flat_LTE Band 4 BW 20M CH20175_QPSK with 1 RB Size 0 RB Offset_side 3 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, Generic LTE (0);Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1732.5 MHz; σ = 1.488 S/m; ε_r = 54.25; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.65, 7.65, 7.65); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.473 W/kg

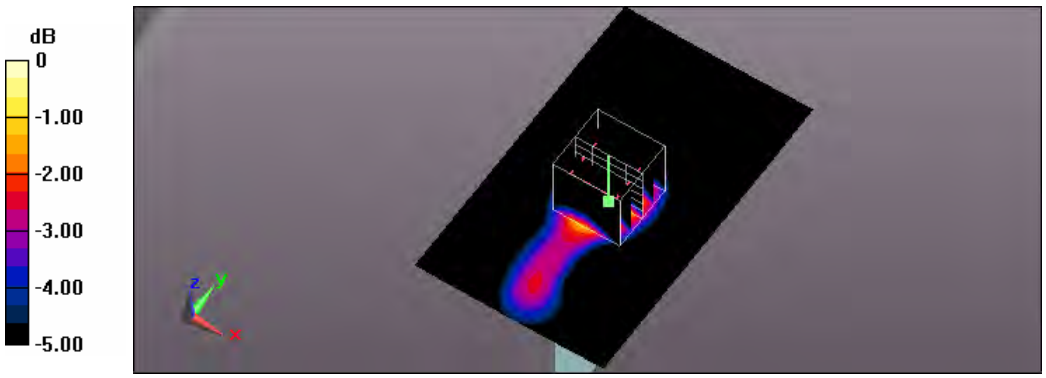
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.57 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.543 W/kg

SAR(1 g) = 0.356 W/kg; SAR(10 g) = 0.221 W/kg

Maximum value of SAR (measured) = 0.460 W/kg



0 dB = 0.460 W/kg = -3.37 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/24Time: PM 07:57:04

50_Flat_LTE Band 4 BW 20M CH20175_QPSK with 1 RB Size 0 RB Offset_side 4 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, Generic LTE (0);Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1732.5 MHz; σ = 1.488 S/m; ε_r = 54.25; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.65, 7.65, 7.65); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.628 W/kg

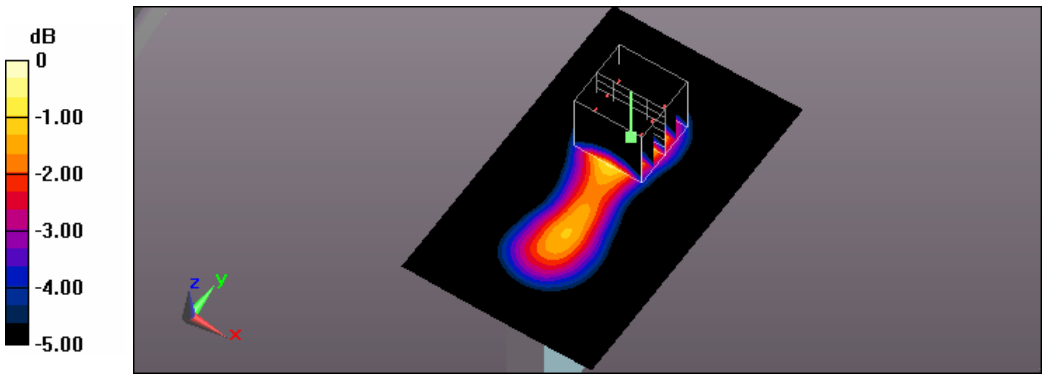
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.26 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.722 W/kg

SAR(1 g) = 0.469 W/kg; SAR(10 g) = 0.288 W/kg

Maximum value of SAR (measured) = 0.610 W/kg



0 dB = 0.610 W/kg = -2.15 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/24Time: PM 08:14:02

51_Flat_LTE Band 4 BW 20M CH20175_QPSK with 1 RB Size 0 RB Offset_side 5 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, Generic LTE (0);Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1732.5 MHz; σ = 1.488 S/m; ε_r = 54.25; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.65, 7.65, 7.65); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.799 W/kg

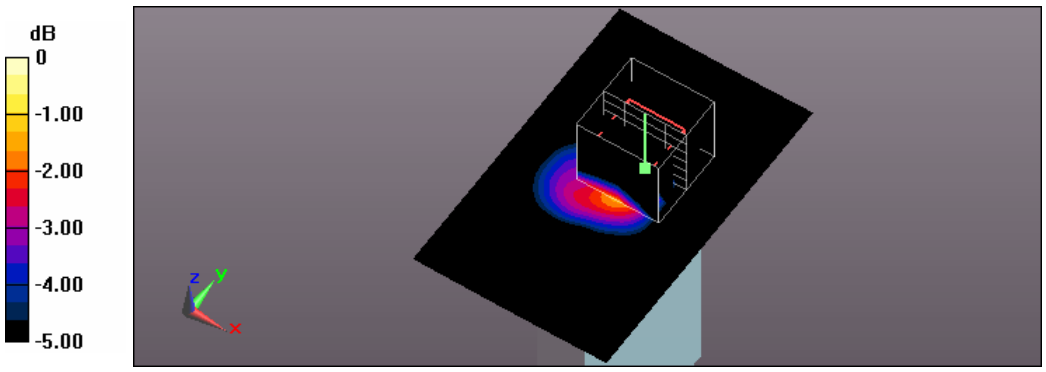
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.85 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.635 W/kg; SAR(10 g) = 0.358 W/kg

Maximum value of SAR (measured) = 0.875 W/kg



0 dB = 0.875 W/kg = -0.58 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2015/4/24Time: PM 02:11:02

37_Flat_LTE Band 4 BW 20M CH20050_QPSK with 50 RB Size 0 RB Offset_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

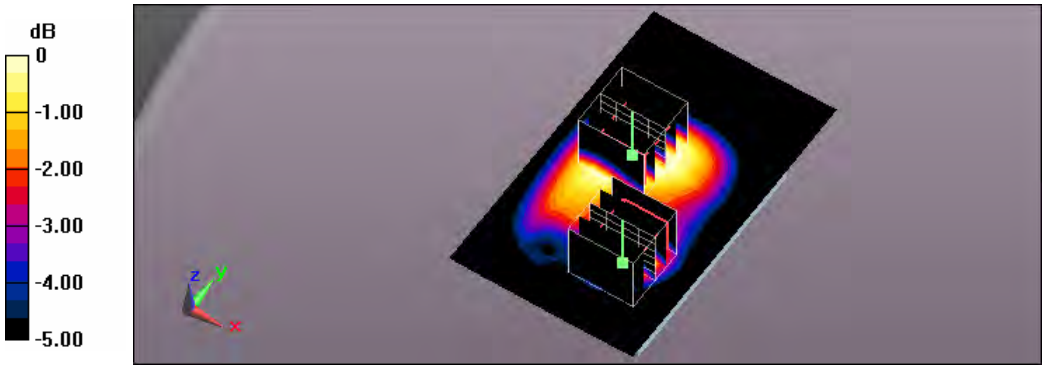
Communication System: UID 0, Generic LTE (0);Frequency: 1720 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1720 MHz; σ = 1.476 S/m; ε_r = 54.278; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.65, 7.65, 7.65); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.18 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.86 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 0.923 W/kg; SAR(10 g) = 0.616 W/kg
Maximum value of SAR (measured) = 1.14 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.86 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.773 W/kg; SAR(10 g) = 0.447 W/kg
Maximum value of SAR (measured) = 1.02 W/kg



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

Test Laboratory: A Test Lab Techno Corp.
Date: 2015/4/24Time: PM 01:48:02

36_Flat_LTE Band 4 BW 20M CH20175_QPSK with 50 RB Size 0 RB Offset_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

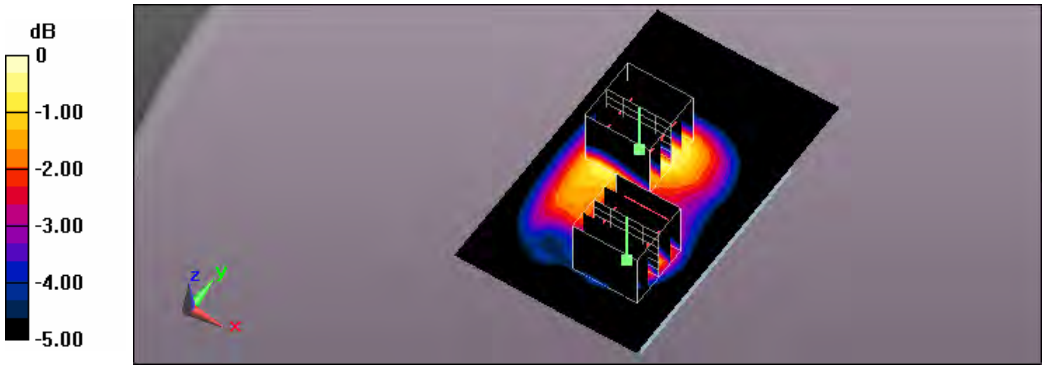
Communication System: UID 0, Generic LTE (0);Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.488 S/m; ε_r = 54.25; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.65, 7.65, 7.65); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.17 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.81 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 0.904 W/kg; SAR(10 g) = 0.518 W/kg
Maximum value of SAR (measured) = 1.19 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.81 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 0.900 W/kg; SAR(10 g) = 0.598 W/kg
Maximum value of SAR (measured) = 1.12 W/kg



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

Test Laboratory: A Test Lab Techno Corp.
Date: 2015/4/24Time: PM 02:33:17

38_Flat_LTE Band 4 BW 20M CH20300_QPSK with 50 RB Size 0 RB Offset_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

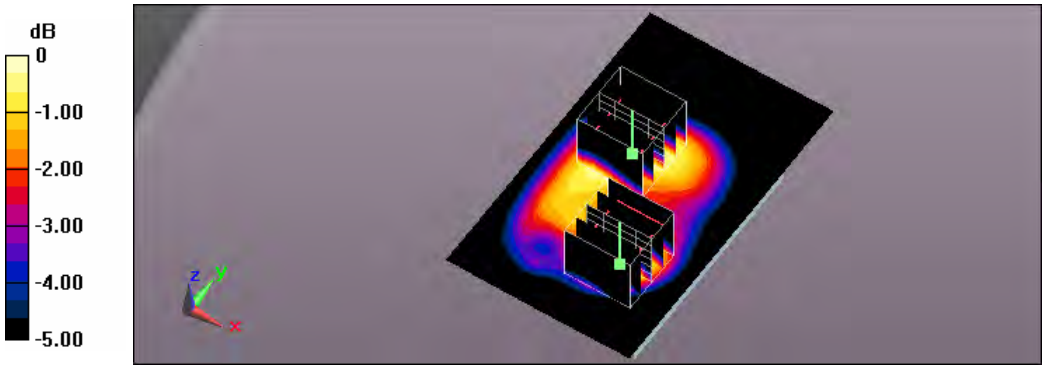
Communication System: UID 0, Generic LTE (0);Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.497 S/m; ε_r = 54.238; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.65, 7.65, 7.65); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.22 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.61 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.53 W/kg
SAR(1 g) = 0.944 W/kg; SAR(10 g) = 0.543 W/kg
Maximum value of SAR (measured) = 1.23 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.61 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.791 W/kg; SAR(10 g) = 0.525 W/kg
Maximum value of SAR (measured) = 0.981 W/kg



0 dB = 0.981 W/kg = -0.08 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/24Time: PM 04:42:15

44_Flat_LTE Band 4 BW 20M CH20050_QPSK with 50 RB Size 0 RB Offset_side 2 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

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

Medium parameters used: f = 1720 MHz; σ = 1.476 S/m; ε_r = 54.278; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.65, 7.65, 7.65); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.890 W/kg

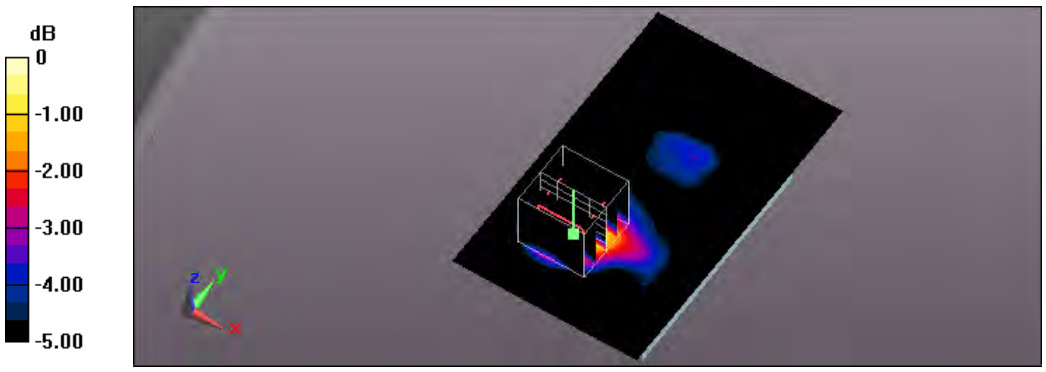
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.30 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.687 W/kg; SAR(10 g) = 0.419 W/kg

Maximum value of SAR (measured) = 0.890 W/kg



0 dB = 0.890 W/kg = -0.51 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/24Time: PM 04:17:53

43_Flat_LTE Band 4 BW 20M CH20175_QPSK with 50 RB Size 0 RB Offset_side 2 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, Generic LTE (0);Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1732.5 MHz; σ = 1.488 S/m; ε_r = 54.25; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.65, 7.65, 7.65); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.957 W/kg

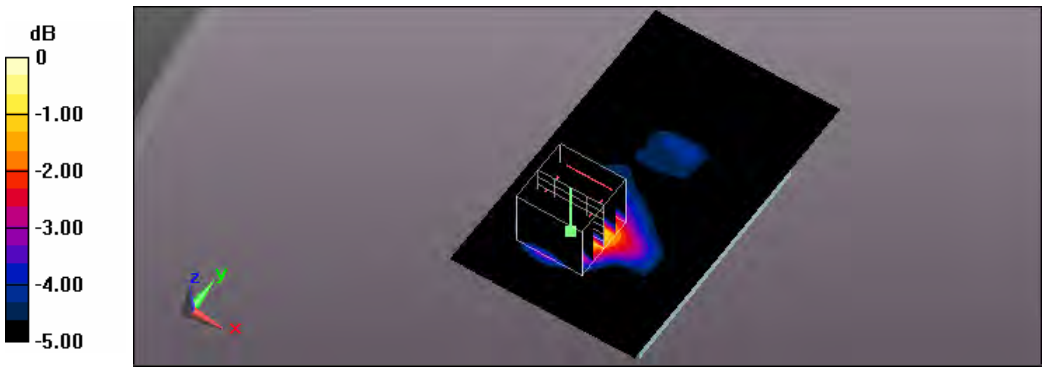
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.13 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.742 W/kg; SAR(10 g) = 0.452 W/kg

Maximum value of SAR (measured) = 0.960 W/kg



0 dB = 0.960 W/kg = -0.18 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/24Time: PM 04:59:23

45_Flat_LTE Band 4 BW 20M CH20300_QPSK with 50 RB Size 0 RB Offset_side 2 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, Generic LTE (0);Frequency: 1745 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1745 MHz; σ = 1.497 S/m; ε_r = 54.238; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.65, 7.65, 7.65); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.892 W/kg

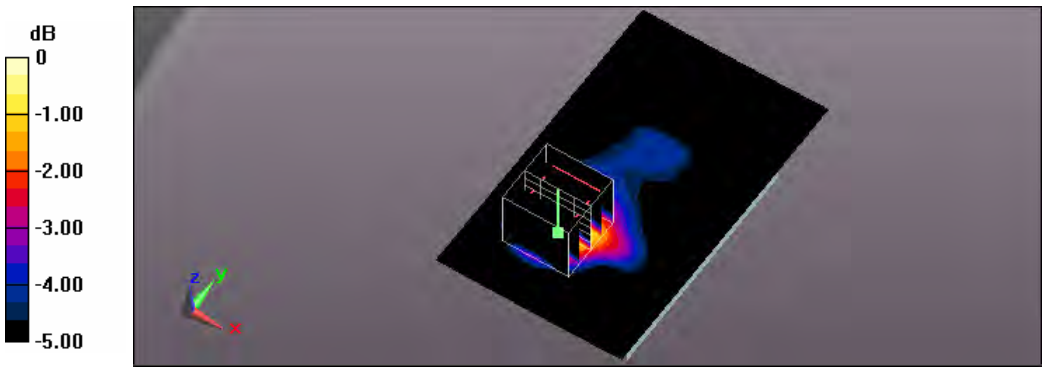
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.43 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.707 W/kg; SAR(10 g) = 0.432 W/kg

Maximum value of SAR (measured) = 0.915 W/kg



0 dB = 0.915 W/kg = -0.39 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/24Time: PM 06:07:40

48_Flat_LTE Band 4 BW 20M CH20175_QPSK with 50 RB Size 0 RB Offset_side 3 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, Generic LTE (0);Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1732.5 MHz; σ = 1.488 S/m; ε_r = 54.25; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.65, 7.65, 7.65); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.418 W/kg

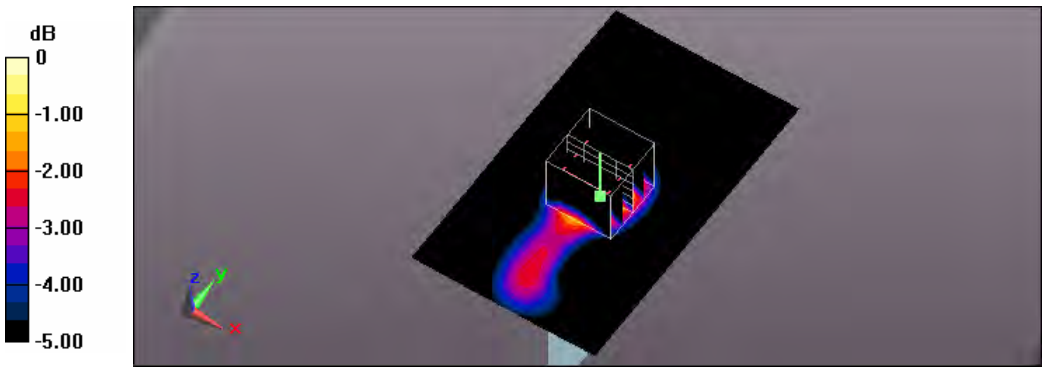
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.62 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.484 W/kg

SAR(1 g) = 0.317 W/kg; SAR(10 g) = 0.197 W/kg

Maximum value of SAR (measured) = 0.409 W/kg



0 dB = 0.409 W/kg = -3.88 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/24Time: PM 07:40:46

49_Flat_LTE Band 4 BW 20M CH20175_QPSK with 50 RB Size 0 RB Offset_side 4 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, Generic LTE (0);Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1732.5 MHz; σ = 1.488 S/m; ε_r = 54.25; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.65, 7.65, 7.65); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.585 W/kg

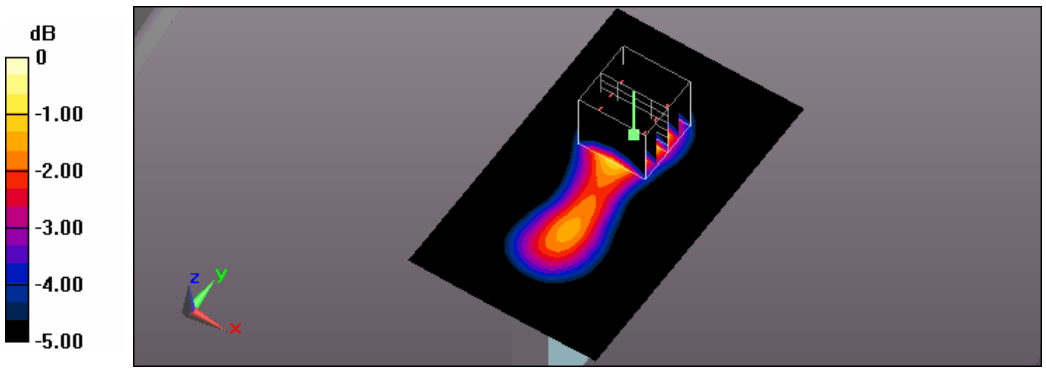
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.49 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.685 W/kg

SAR(1 g) = 0.445 W/kg; SAR(10 g) = 0.273 W/kg

Maximum value of SAR (measured) = 0.577 W/kg



0 dB = 0.577 W/kg = -2.39 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/24Time: PM 08:42:26

52_Flat_LTE Band 4 BW 20M CH20175_QPSK with 50 RB Size 0 RB Offset_side 5 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, Generic LTE (0);Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1732.5 MHz; σ = 1.488 S/m; ε_r = 54.25; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.65, 7.65, 7.65); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.785 W/kg

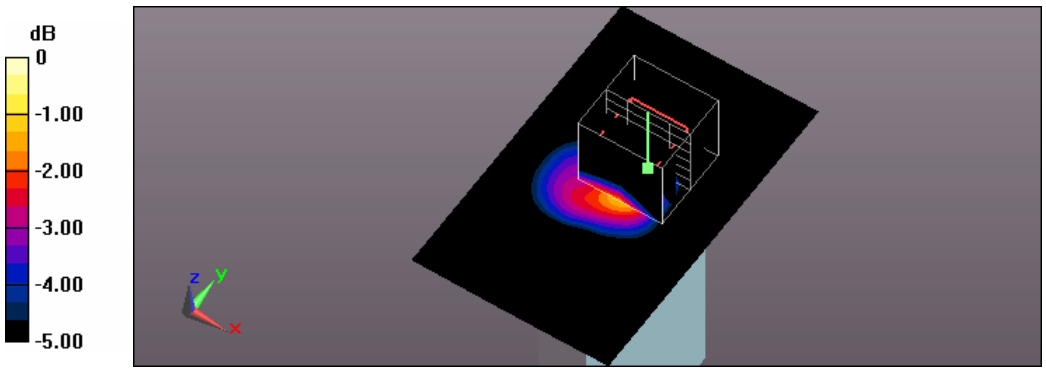
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.24 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.921 W/kg

SAR(1 g) = 0.580 W/kg; SAR(10 g) = 0.328 W/kg

Maximum value of SAR (measured) = 0.798 W/kg



0 dB = 0.798 W/kg = -0.98 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2015/4/24Time: PM 02:56:28

39_Flat_LTE Band 4 BW 20M CH20175_QPSK with 100 RB Size 0 RB Offset_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

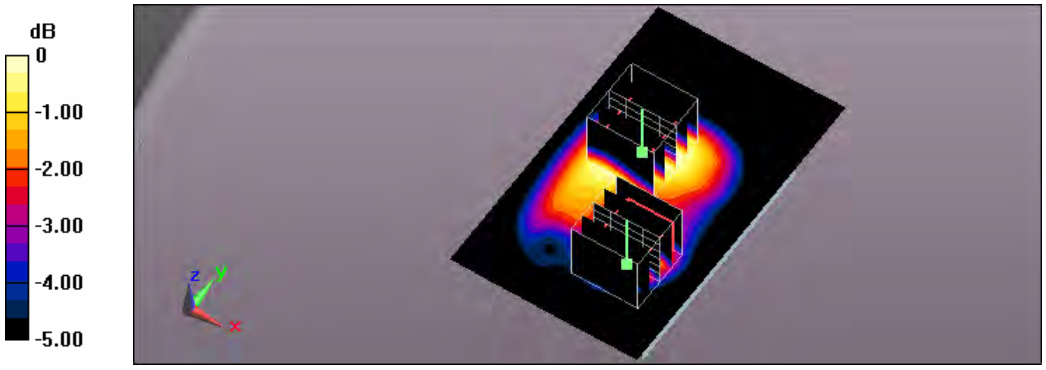
Communication System: UID 0, Generic LTE (0);Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1732.5 MHz; σ = 1.488 S/m; ε_r = 54.25; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.65, 7.65, 7.65); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.16 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.81 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.913 W/kg; SAR(10 g) = 0.609 W/kg
Maximum value of SAR (measured) = 1.13 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.81 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 0.802 W/kg; SAR(10 g) = 0.463 W/kg
Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 1.05 W/kg = 0.21 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/24Time: PM 05:16:07

46_Flat_LTE Band 4 BW 20M CH20175_QPSK with 100 RB Size 0 RB Offset_side 2 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, Generic LTE (0);Frequency: 1732.5 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1732.5 MHz; σ = 1.488 S/m; ε_r = 54.25; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.65, 7.65, 7.65); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.895 W/kg

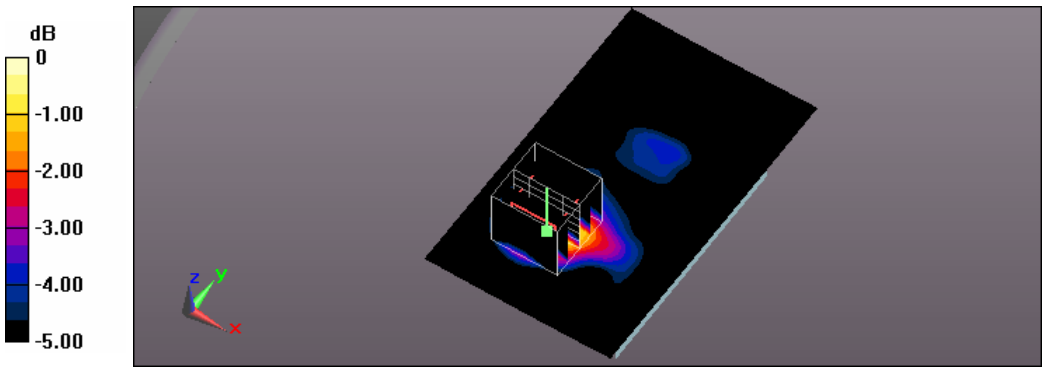
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.19 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.690 W/kg; SAR(10 g) = 0.421 W/kg

Maximum value of SAR (measured) = 0.894 W/kg



0 dB = 0.894 W/kg = -0.49 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/28Time: AM 09:40:41

97_Flat_LTE Band 5 BW 10M CH20450_QPSK with 1 RB Size 0 RB Offset_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

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

Medium parameters used: f = 829 MHz; σ = 0.991 S/m; ε_r = 55.892; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.845 W/kg

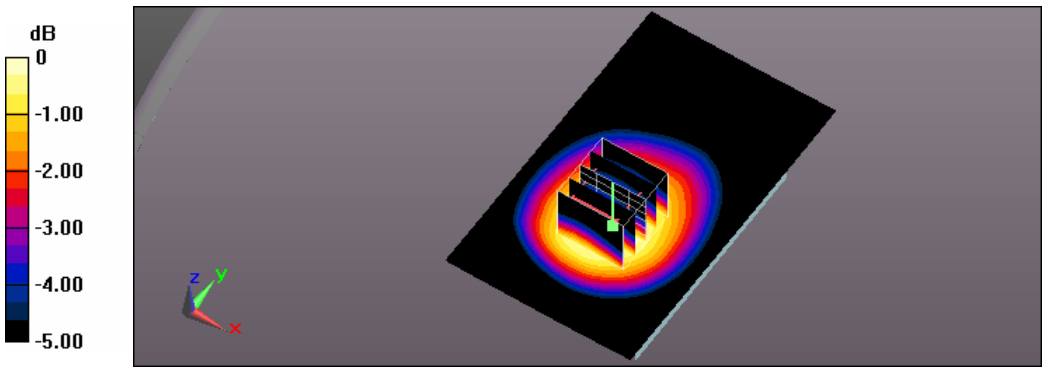
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.47 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.931 W/kg

SAR(1 g) = 0.731 W/kg; SAR(10 g) = 0.549 W/kg

Maximum value of SAR (measured) = 0.840 W/kg



0 dB = 0.840 W/kg = -0.76 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/28Time: AM 09:22:44

96_Flat_LTE Band 5 BW 10M CH20525_QPSK with 1 RB Size 0 RB Offset_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, Generic LTE (0);Frequency: 836.5 MHz;Duty Cycle: 1:1

Medium parameters used: f = 836.5 MHz; σ = 1 S/m; ε_r = 55.893; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.879 W/kg

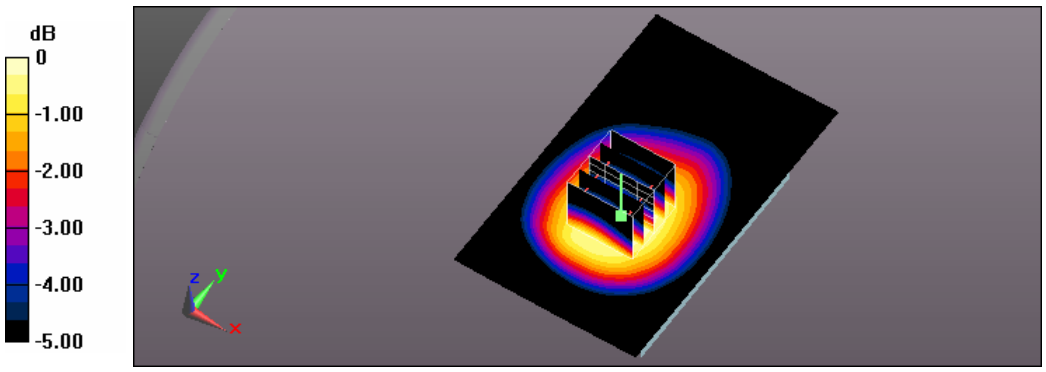
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.10 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.967 W/kg

SAR(1 g) = 0.756 W/kg; SAR(10 g) = 0.567 W/kg

Maximum value of SAR (measured) = 0.877 W/kg



0 dB = 0.877 W/kg = -0.57 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/28Time: AM 09:57:12

98_Flat_LTE Band 5 BW 10M CH20600_QPSK with 1 RB Size 0 RB Offset_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, Generic LTE (0);Frequency: 844 MHz;Duty Cycle: 1:1

Medium parameters used: f = 844 MHz; σ = 1.009 S/m; ε_r = 55.888; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.844 W/kg

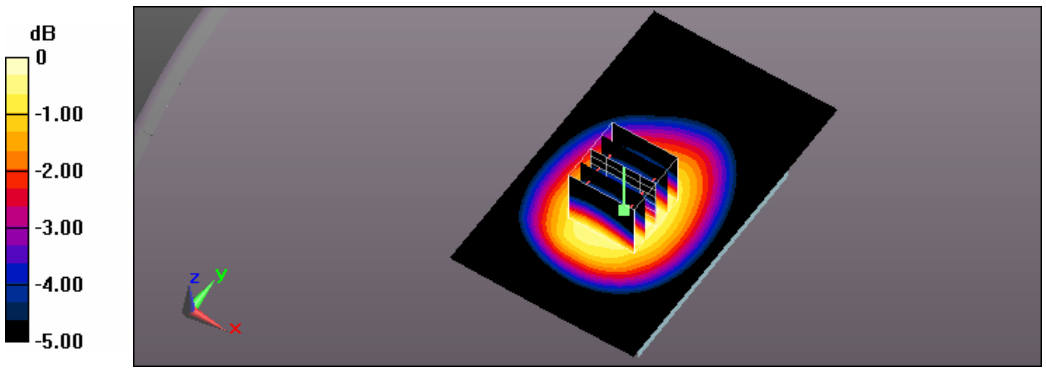
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.63 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.938 W/kg

SAR(1 g) = 0.738 W/kg; SAR(10 g) = 0.557 W/kg

Maximum value of SAR (measured) = 0.853 W/kg



0 dB = 0.853 W/kg = -0.69 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/28Time: PM 01:46:02

103_Flat_LTE Band 5 BW 10M CH20525_QPSK with 1 RB Size 0 RB Offset_side 2 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, Generic LTE (0);Frequency: 836.5 MHz;Duty Cycle: 1:1

Medium parameters used: f = 836.5 MHz; σ = 1 S/m; ε_r = 55.893; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.801 W/kg

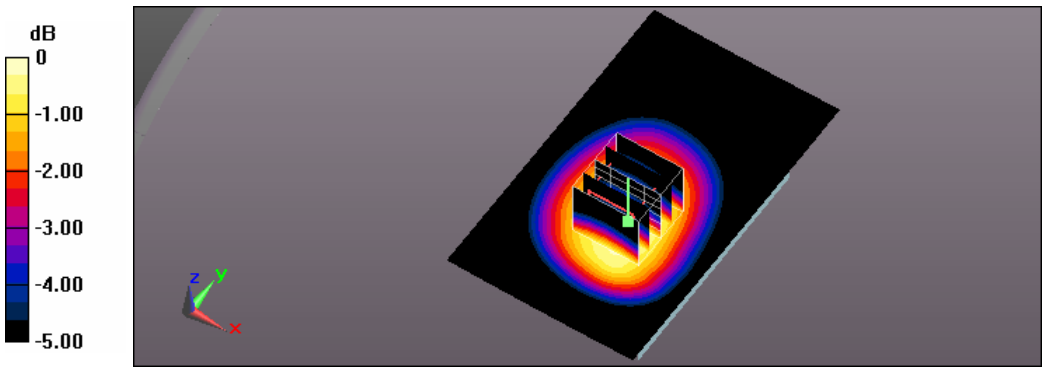
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.29 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.886 W/kg

SAR(1 g) = 0.685 W/kg; SAR(10 g) = 0.508 W/kg

Maximum value of SAR (measured) = 0.797 W/kg



0 dB = 0.797 W/kg = -0.99 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/28Time: PM 04:04:30

104_Flat_LTE Band 5 BW 10M CH20525_QPSK with 1 RB Size 0 RB Offset_side 3 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, Generic LTE (0);Frequency: 836.5 MHz;Duty Cycle: 1:1

Medium parameters used: f = 836.5 MHz; σ = 1 S/m; ε_r = 55.893; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.541 W/kg

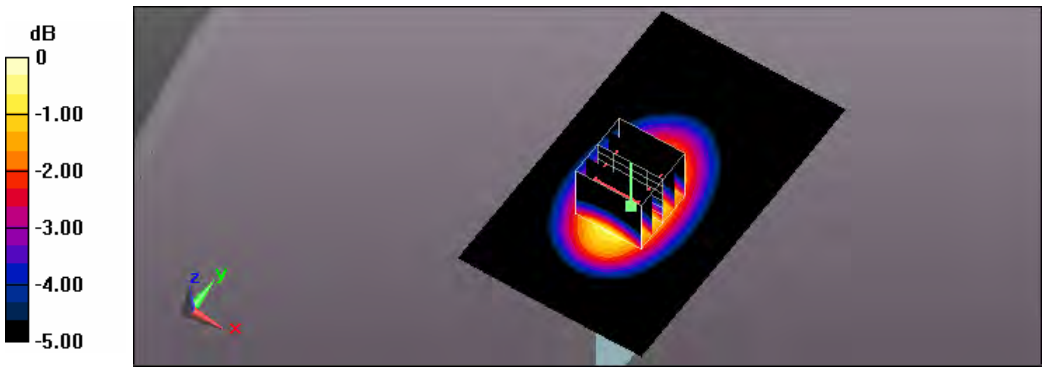
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.62 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.613 W/kg

SAR(1 g) = 0.443 W/kg; SAR(10 g) = 0.312 W/kg

Maximum value of SAR (measured) = 0.539 W/kg



0 dB = 0.539 W/kg = -2.68 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/28Time: PM 05:42:39

107_Flat_LTE Band 5 BW 10M CH20525_QPSK with 1 RB Size 0 RB Offset_side 4 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, Generic LTE (0);Frequency: 836.5 MHz;Duty Cycle: 1:1

Medium parameters used: f = 836.5 MHz; σ = 1 S/m; ε_r = 55.893; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.389 W/kg

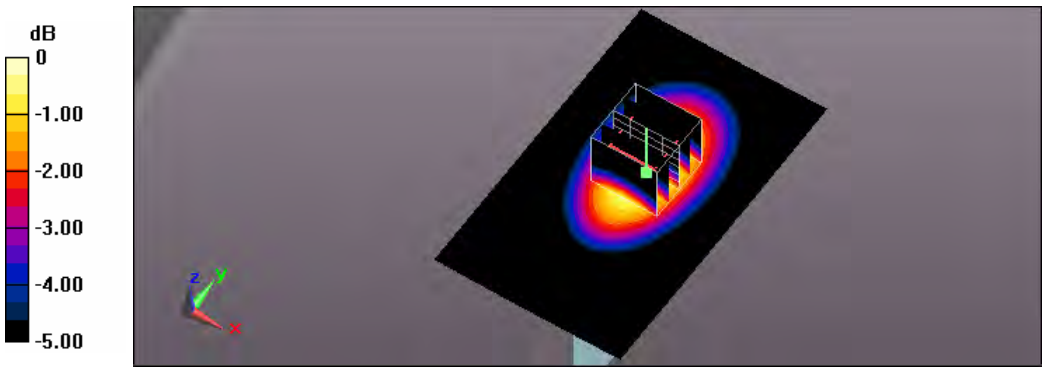
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.92 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.441 W/kg

SAR(1 g) = 0.315 W/kg; SAR(10 g) = 0.219 W/kg

Maximum value of SAR (measured) = 0.385 W/kg



0 dB = 0.385 W/kg = -4.15 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/28Time: PM 06:36:33

110_Flat_LTE Band 5 BW 10M CH20525_QPSK with 1 RB Size 0 RB Offset_side 5 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, Generic LTE (0);Frequency: 836.5 MHz;Duty Cycle: 1:1

Medium parameters used: f = 836.5 MHz; σ = 1 S/m; ε_r = 55.893; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

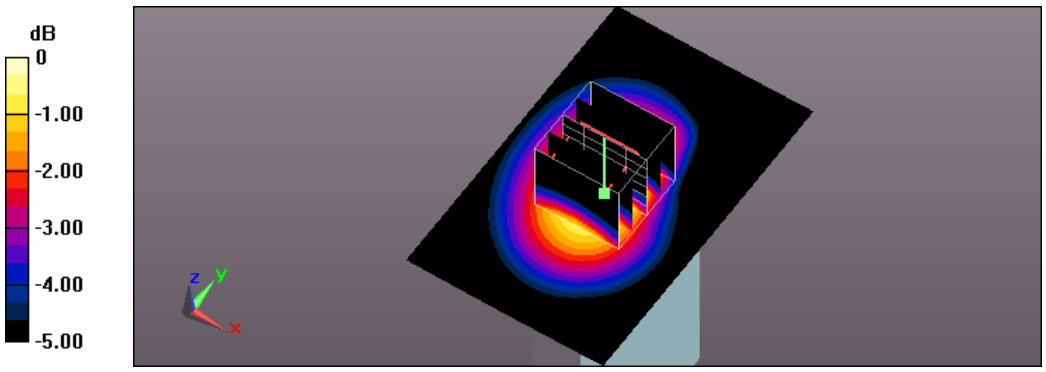
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.22 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.214 W/kg

SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.097 W/kg

Maximum value of SAR (measured) = 0.181 W/kg



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

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/28Time: AM 10:38:42

100_Flat_LTE Band 5 BW 10M CH20450_QPSK with 25 RB Size 0 RB Offset_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

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

Medium parameters used: f = 829 MHz; σ = 0.991 S/m; ε_r = 55.892; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.651 W/kg

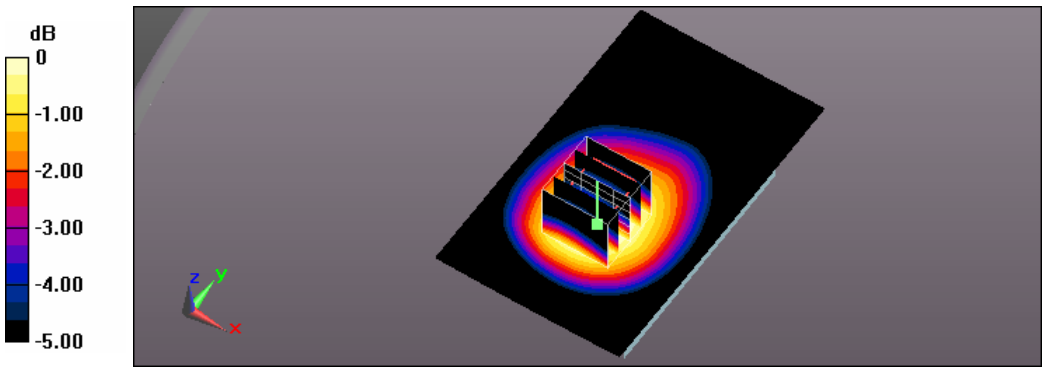
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.98 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.719 W/kg

SAR(1 g) = 0.562 W/kg; SAR(10 g) = 0.422 W/kg

Maximum value of SAR (measured) = 0.648 W/kg



0 dB = 0.648 W/kg = -1.88 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/28Time: AM 10:19:51

99_Flat_LTE Band 5 BW 10M CH20525_QPSK with 25 RB Size 0 RB Offset_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, Generic LTE (0);Frequency: 836.5 MHz;Duty Cycle: 1:1

Medium parameters used: f = 836.5 MHz; σ = 1 S/m; ε_r = 55.893; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.667 W/kg

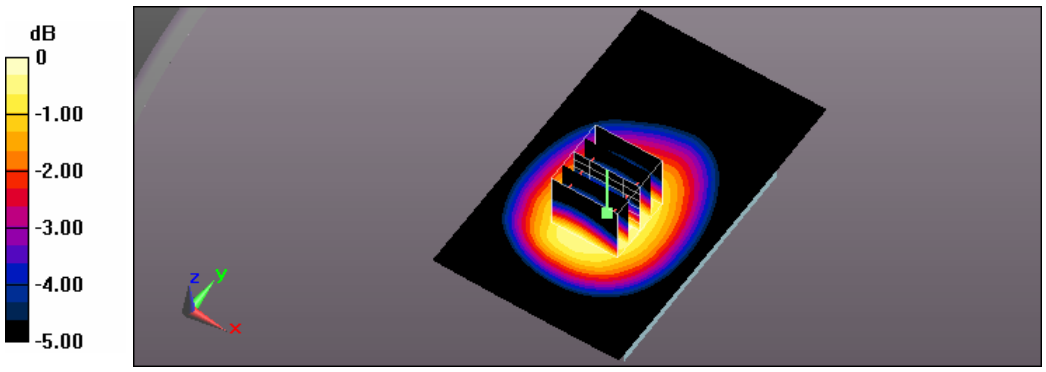
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.36 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.741 W/kg

SAR(1 g) = 0.578 W/kg; SAR(10 g) = 0.435 W/kg

Maximum value of SAR (measured) = 0.671 W/kg



0 dB = 0.671 W/kg = -1.73 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/28Time: AM 11:09:08

101_Flat_LTE Band 5 BW 10M CH20600_QPSK with 25 RB Size 0 RB Offset_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, Generic LTE (0);Frequency: 844 MHz;Duty Cycle: 1:1

Medium parameters used: f = 844 MHz; σ = 1.009 S/m; ε_r = 55.888; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.642 W/kg

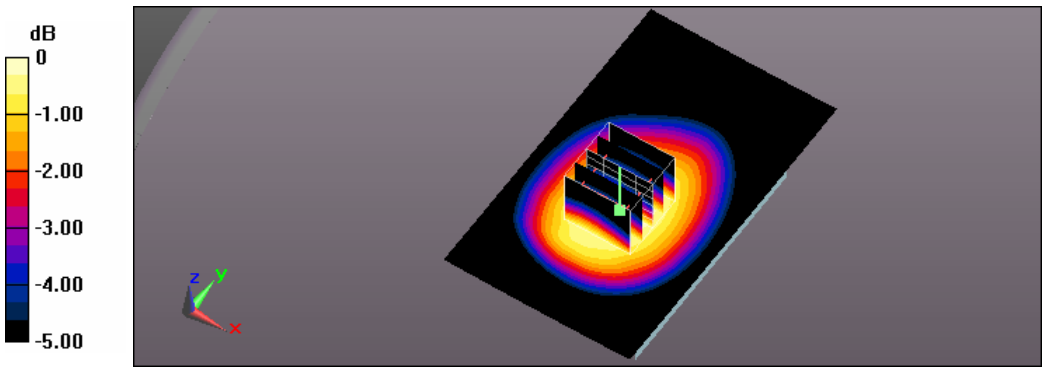
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.86 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.709 W/kg

SAR(1 g) = 0.554 W/kg; SAR(10 g) = 0.418 W/kg

Maximum value of SAR (measured) = 0.642 W/kg



0 dB = 0.642 W/kg = -1.92 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/28Time: PM 02:42:00

106_Flat_LTE Band 5 BW 10M CH20525_QPSK with 25 RB Size 0 RB Offset_side 2 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, Generic LTE (0);Frequency: 836.5 MHz;Duty Cycle: 1:1

Medium parameters used: f = 836.5 MHz; σ = 1 S/m; ε_r = 55.893; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.621 W/kg

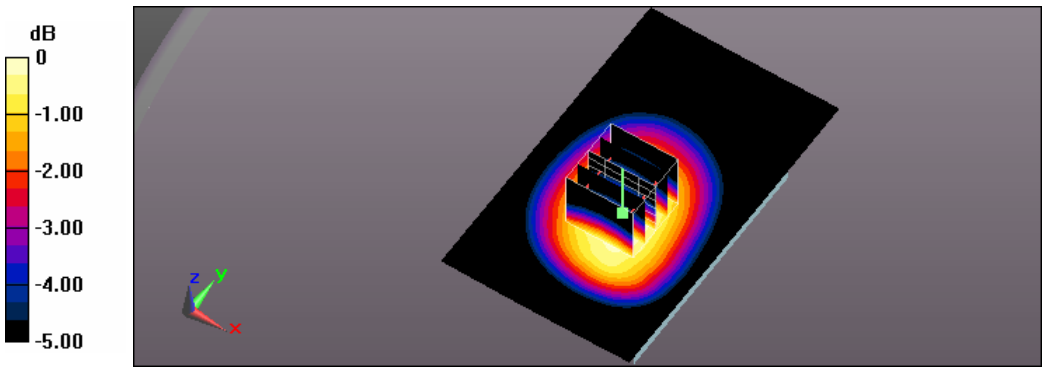
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.13 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.675 W/kg

SAR(1 g) = 0.523 W/kg; SAR(10 g) = 0.388 W/kg

Maximum value of SAR (measured) = 0.609 W/kg



0 dB = 0.609 W/kg = -2.15 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/28Time: PM 04:20:43

105_Flat_LTE Band 5 BW 10M CH20525_QPSK with 25 RB Size 0 RB Offset_side 3 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, Generic LTE (0);Frequency: 836.5 MHz;Duty Cycle: 1:1

Medium parameters used: f = 836.5 MHz; σ = 1 S/m; ε_r = 55.893; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.418 W/kg

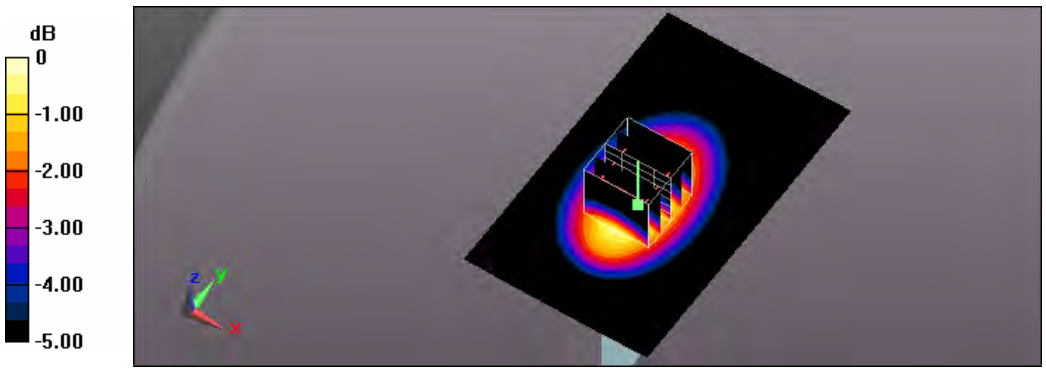
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.83 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.475 W/kg

SAR(1 g) = 0.344 W/kg; SAR(10 g) = 0.242 W/kg

Maximum value of SAR (measured) = 0.416 W/kg



0 dB = 0.416 W/kg = -3.81 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/28Time: PM 05:58:36

108_Flat_LTE Band 5 BW 10M CH20525_QPSK with 25 RB Size 0 RB Offset_side 4 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, Generic LTE (0);Frequency: 836.5 MHz;Duty Cycle: 1:1

Medium parameters used: f = 836.5 MHz; σ = 1 S/m; ε_r = 55.893; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.304 W/kg

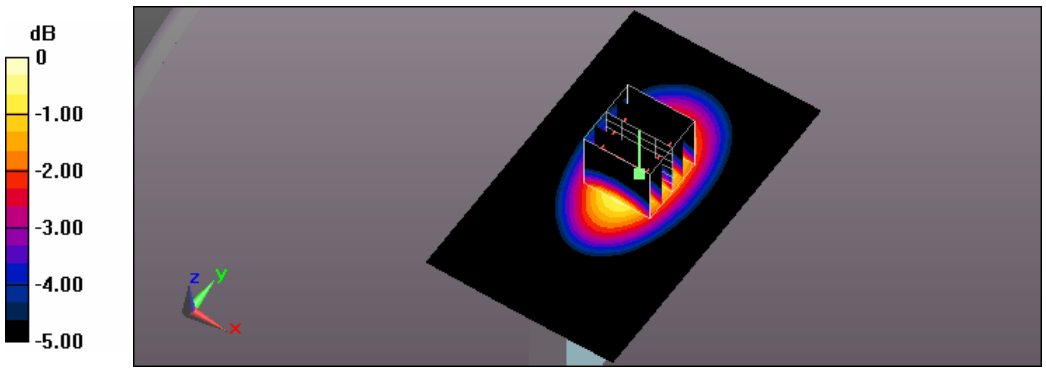
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.68 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.352 W/kg

SAR(1 g) = 0.249 W/kg; SAR(10 g) = 0.173 W/kg

Maximum value of SAR (measured) = 0.307 W/kg



0 dB = 0.307 W/kg = -5.13 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/28Time: PM 06:21:46

109_Flat_LTE Band 5 BW 10M CH20525_QPSK with 25 RB Size 0 RB Offset_side 5 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, Generic LTE (0);Frequency: 836.5 MHz;Duty Cycle: 1:1

Medium parameters used: f = 836.5 MHz; σ = 1 S/m; ε_r = 55.893; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.140 W/kg

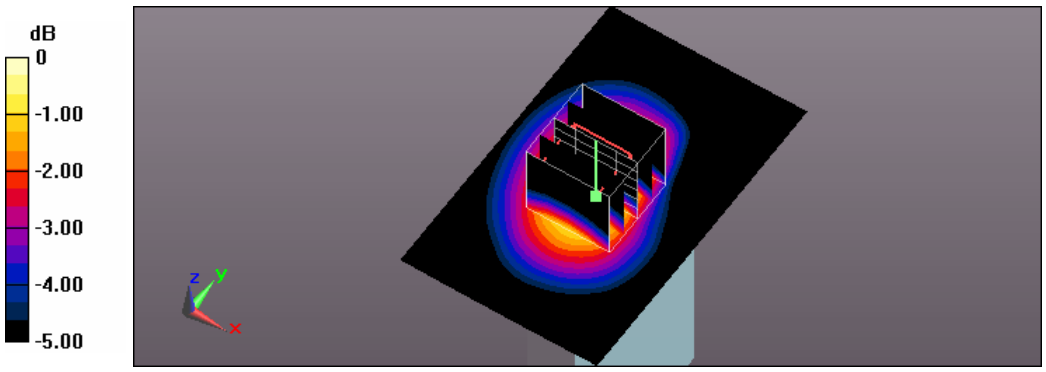
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.70 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.167 W/kg

SAR(1 g) = 0.113 W/kg; SAR(10 g) = 0.075 W/kg

Maximum value of SAR (measured) = 0.142 W/kg



0 dB = 0.142 W/kg = -8.48 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/28Time: AM 11:26:06

102_Flat_LTE Band 5 BW 10M CH20450_QPSK with 50 RB Size 0 RB Offset_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

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

Medium parameters used: f = 829 MHz; σ = 0.991 S/m; ε_r = 55.892; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.650 W/kg

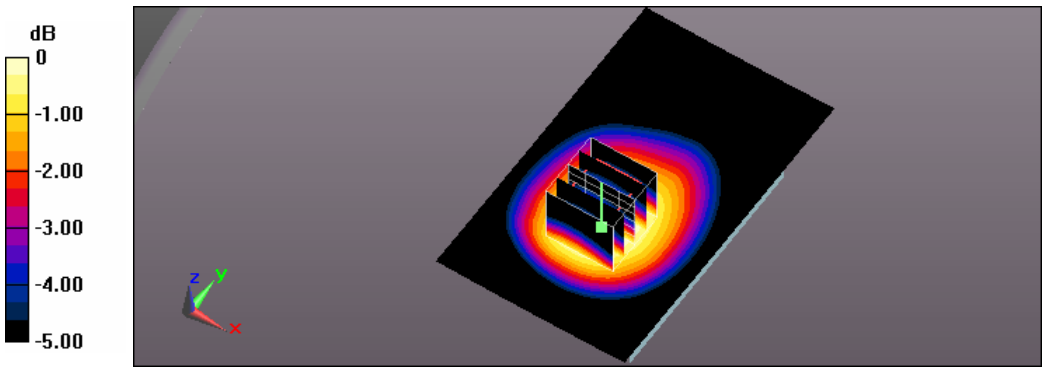
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.05 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.720 W/kg

SAR(1 g) = 0.564 W/kg; SAR(10 g) = 0.423 W/kg

Maximum value of SAR (measured) = 0.650 W/kg



0 dB = 0.650 W/kg = -1.87 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/5/4Time: AM 10:55:10

143_Flat_LTE Band 7 BW 20M CH21100_QPSK with 1 RB Size 0 RB Offset_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

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

Medium parameters used: f = 2535 MHz; σ = 2.134 S/m; ε_r = 51.104; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.29, 7.29, 7.29); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (91x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.614 W/kg

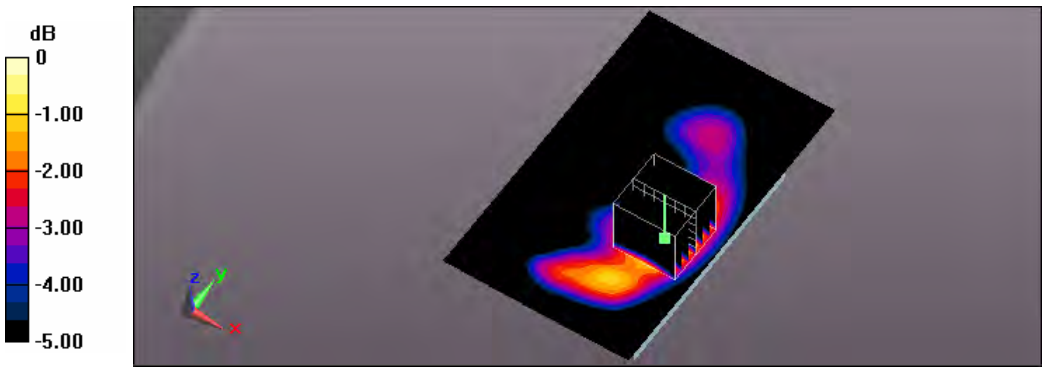
Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.21 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.823 W/kg

SAR(1 g) = 0.470 W/kg; SAR(10 g) = 0.263 W/kg

Maximum value of SAR (measured) = 0.649 W/kg



0 dB = 0.649 W/kg = -1.88 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/5/4Time: PM 01:04:41

145_Flat_LTE Band 7 BW 20M CH21100_QPSK with 1 RB Size 0 RB Offset_side 2 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

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

Medium parameters used: f = 2535 MHz; σ = 2.134 S/m; ε_r = 51.104; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.29, 7.29, 7.29); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (91x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.626 W/kg

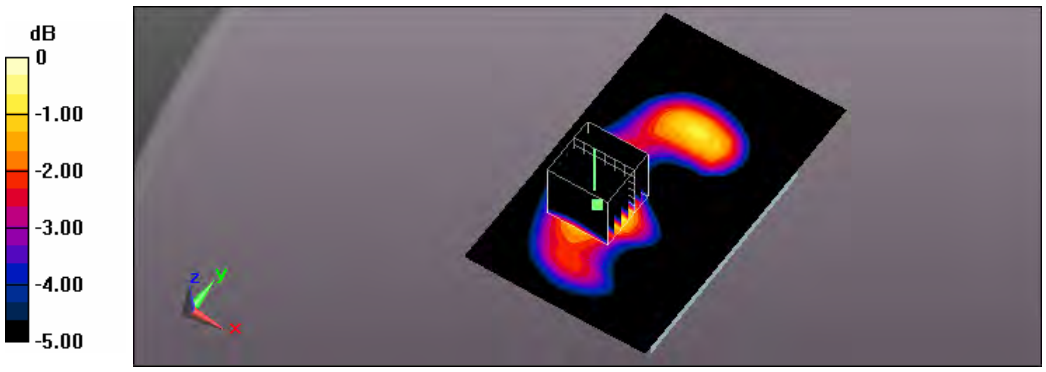
Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.33 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.775 W/kg

SAR(1 g) = 0.442 W/kg; SAR(10 g) = 0.253 W/kg

Maximum value of SAR (measured) = 0.606 W/kg



0 dB = 0.606 W/kg = -2.18 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/5/4Time: PM 02:22:20

147_Flat_LTE Band 7 BW 20M CH21100_QPSK with 1 RB Size 0 RB Offset_side 3 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

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

Medium parameters used: f = 2535 MHz; σ = 2.134 S/m; ε_r = 51.104; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.29, 7.29, 7.29); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (91x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

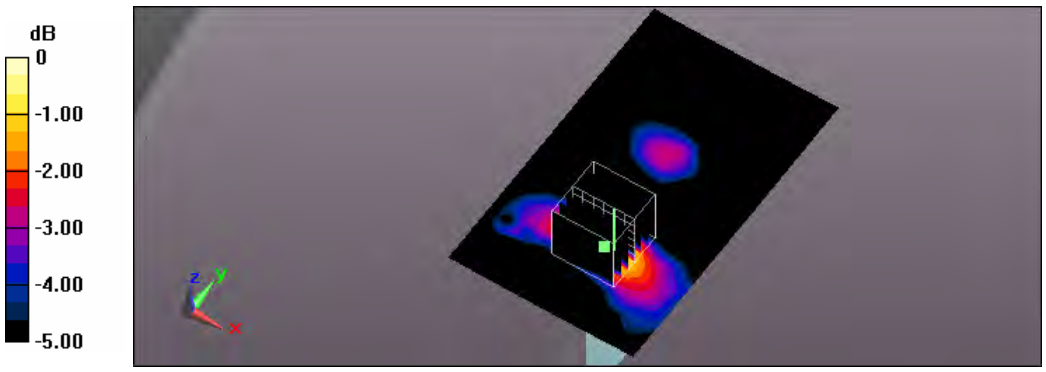
Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.031 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.0650 W/kg

SAR(1 g) = 0.035 W/kg; SAR(10 g) = 0.019 W/kg

Maximum value of SAR (measured) = 0.0494 W/kg



0 dB = 0.0494 W/kg = -13.06 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/5/4Time: PM 03:33:43

149_Flat_LTE Band 7 BW 20M CH21100_QPSK with 1 RB Size 0 RB Offset_side 4 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

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

Medium parameters used: f = 2535 MHz; σ = 2.134 S/m; ε_r = 51.104; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.29, 7.29, 7.29); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (91x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.764 W/kg

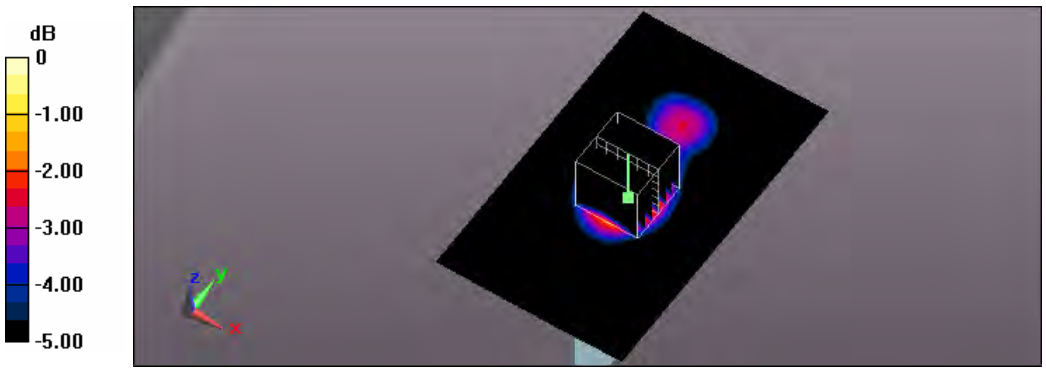
Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.59 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.988 W/kg

SAR(1 g) = 0.555 W/kg; SAR(10 g) = 0.302 W/kg

Maximum value of SAR (measured) = 0.759 W/kg



0 dB = 0.759 W/kg = -1.20 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/5/4Time: PM 07:44:09

163_Flat_LTE Band 7 BW 20M CH20850_QPSK with 1 RB Size 0 RB Offset_side 5 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

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

Medium parameters used: f = 2510 MHz; σ = 2.096 S/m; ε_r = 51.179; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.29, 7.29, 7.29); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (71x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.898 W/kg

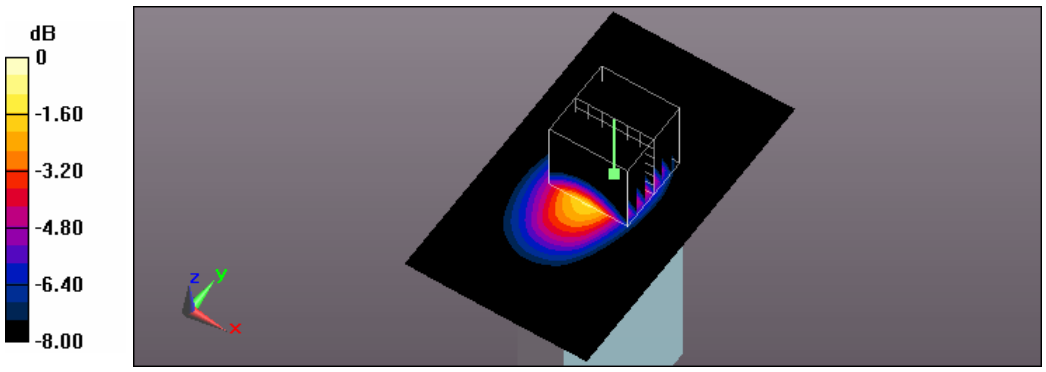
Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.01 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.615 W/kg; SAR(10 g) = 0.311 W/kg

Maximum value of SAR (measured) = 0.900 W/kg



0 dB = 0.900 W/kg = -0.46 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/5/4Time: PM 05:39:09

151_Flat_LTE Band 7 BW 20M CH21100_QPSK with 1 RB Size 0 RB Offset_side 5 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

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

Medium parameters used: f = 2535 MHz; σ = 2.134 S/m; ε_r = 51.104; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.29, 7.29, 7.29); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (71x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.867 W/kg

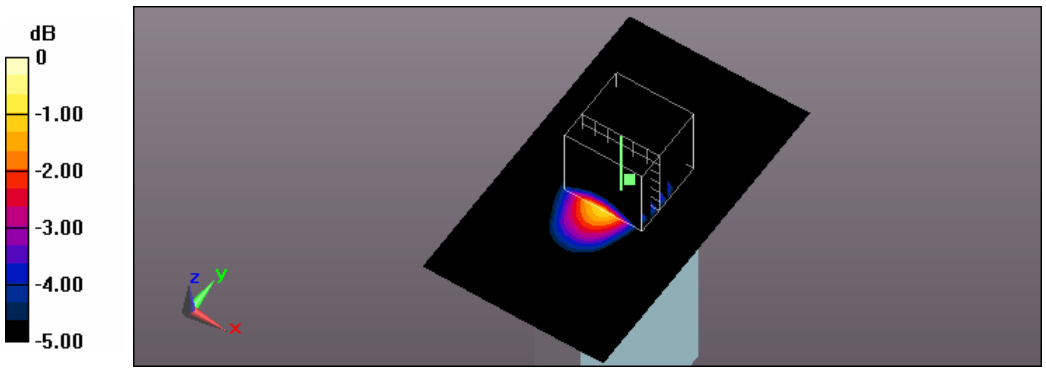
Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.46 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.589 W/kg; SAR(10 g) = 0.304 W/kg

Maximum value of SAR (measured) = 0.820 W/kg



0 dB = 0.820 W/kg = -0.86 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/5/4Time: PM 08:11:37

164_Flat_LTE Band 7 BW 20M CH21350_QPSK with 1 RB Size 0 RB Offset_side 5 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, Generic LTE (0);Frequency: 2560 MHz;Duty Cycle: 1:1

Medium parameters used: f = 2560 MHz; σ = 2.166 S/m; ε_r = 51.085; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.19, 7.19, 7.19); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (71x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.07 W/kg

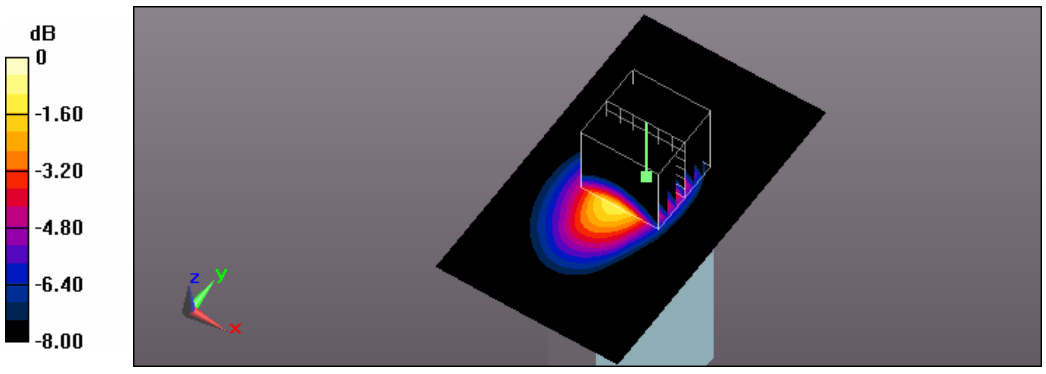
Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.23 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.40 W/kg

SAR(1 g) = 0.739 W/kg; SAR(10 g) = 0.375 W/kg

Maximum value of SAR (measured) = 1.07 W/kg



0 dB = 1.07 W/kg = 0.29 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/5/4Time: AM 11:32:27

144_Flat_LTE Band 7 BW 20M CH21100_QPSK with 50 RB Size 0 RB Offset_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

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

Medium parameters used: f = 2535 MHz; σ = 2.134 S/m; ε_r = 51.104; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.29, 7.29, 7.29); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (91x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.527 W/kg

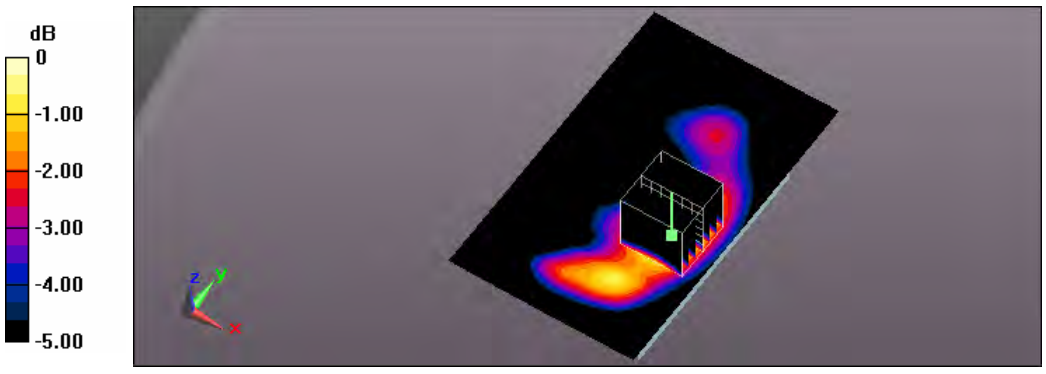
Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.27 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.680 W/kg

SAR(1 g) = 0.389 W/kg; SAR(10 g) = 0.219 W/kg

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



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

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/5/4Time: PM 01:45:24

146_Flat_LTE Band 7 BW 20M CH21100_QPSK with 50RB Size 0 RB Offset_side 2 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

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

Medium parameters used: f = 2535 MHz; σ = 2.134 S/m; ε_r = 51.104; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.29, 7.29, 7.29); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (91x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.523 W/kg

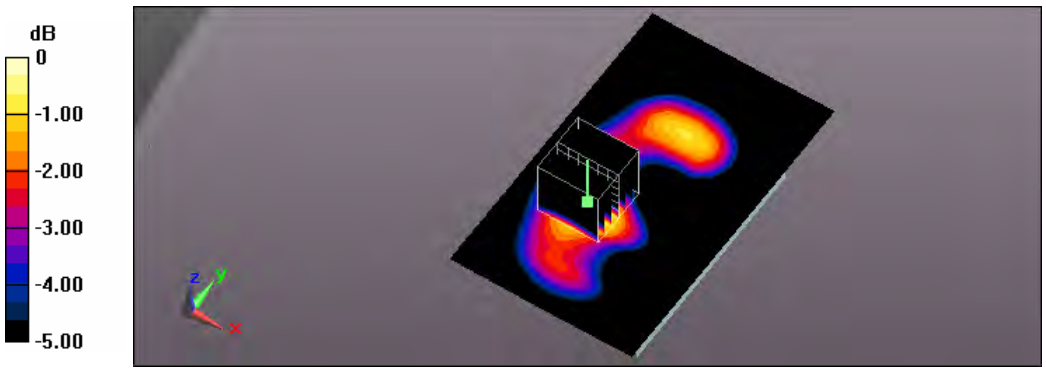
Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.76 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.652 W/kg

SAR(1 g) = 0.374 W/kg; SAR(10 g) = 0.212 W/kg

Maximum value of SAR (measured) = 0.511 W/kg



0 dB = 0.511 W/kg = -2.92 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/5/4Time: PM 02:56:44

148_Flat_LTE Band 7 BW 20M CH21100_QPSK with 50 RB Size 0 RB Offset_side 3 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

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

Medium parameters used: f = 2535 MHz; σ = 2.134 S/m; ε_r = 51.104; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.29, 7.29, 7.29); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (91x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0402 W/kg

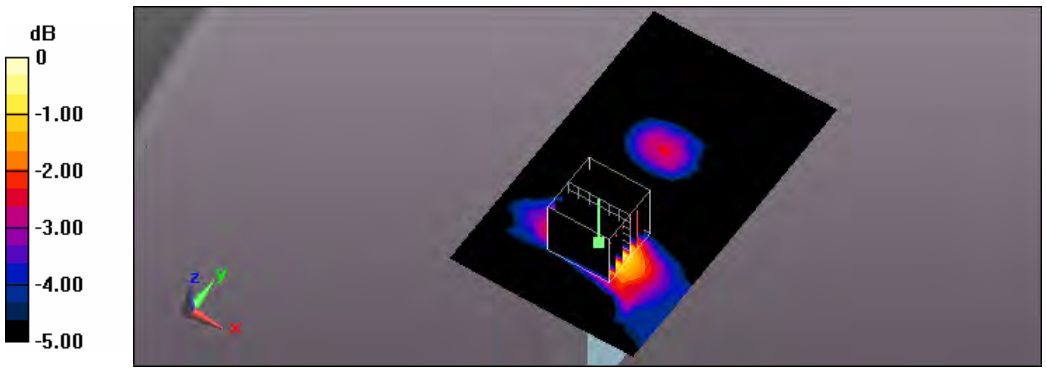
Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.424 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.0520 W/kg

SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.016 W/kg

Maximum value of SAR (measured) = 0.0397 W/kg



0 dB = 0.0397 W/kg = -14.01 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/5/4Time: PM 04:05:14

150_Flat_LTE Band 7 BW 20M CH21100_QPSK with 50 RB Size 0 RB Offset_side 4 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

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

Medium parameters used: f = 2535 MHz; σ = 2.134 S/m; ε_r = 51.104; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.29, 7.29, 7.29); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (91x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.679 W/kg

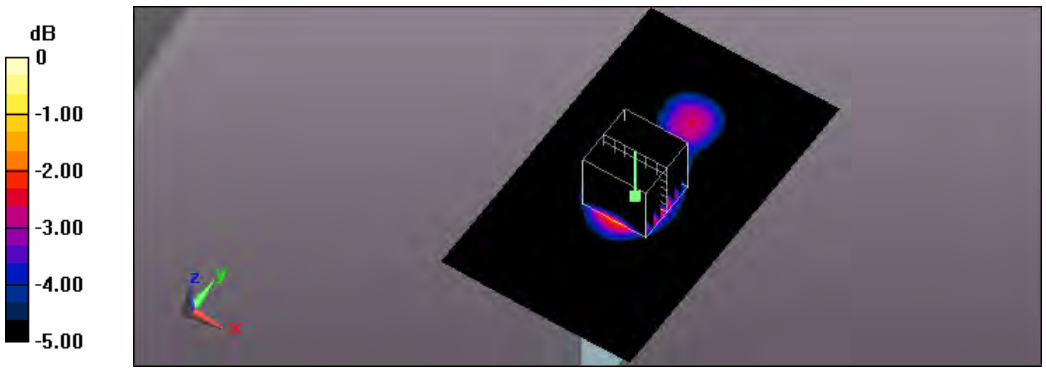
Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.72 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.864 W/kg

SAR(1 g) = 0.482 W/kg; SAR(10 g) = 0.262 W/kg

Maximum value of SAR (measured) = 0.676 W/kg



0 dB = 0.676 W/kg = -1.70 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/5/4Time: PM 06:11:07

152_Flat_LTE Band 7 BW 20M CH21100_QPSK with 50 RB Size 0 RB Offset_side 5 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

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

Medium parameters used: f = 2535 MHz; σ = 2.134 S/m; ε_r = 51.104; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.29, 7.29, 7.29); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (71x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.719 W/kg

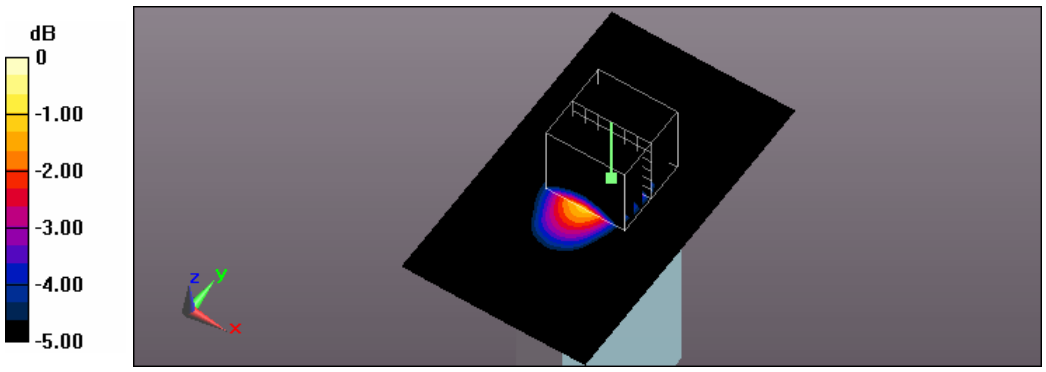
Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.38 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.911 W/kg

SAR(1 g) = 0.492 W/kg; SAR(10 g) = 0.253 W/kg

Maximum value of SAR (measured) = 0.708 W/kg



0 dB = 0.708 W/kg = -1.50 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2015/5/4Time: PM 08:37:23

165_Flat_LTE Band 7 BW 20M CH21100_QPSK with 100 RB Size 0 RB Offset_side 5 surface to phantom 10mm

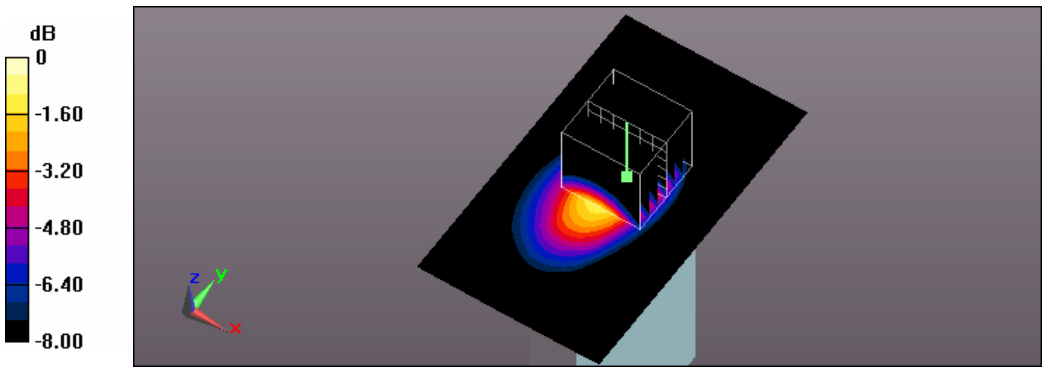
DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, Generic LTE (0);Frequency: 2535 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2535 MHz; σ = 2.134 S/m; ε_r = 51.104; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.29, 7.29, 7.29); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (71x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.824 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.75 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 1.04 W/kg
SAR(1 g) = 0.555 W/kg; SAR(10 g) = 0.283 W/kg
Maximum value of SAR (measured) = 0.807 W/kg



0 dB = 0.807 W/kg = -0.93 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/29Time: PM 04:52:34

133_Flat_LTE Band 13 BW 10M CH23230_QPSK with 1 RB Size 0 RB Offset_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

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

Medium parameters used: f = 782 MHz; σ = 0.941 S/m; ε_r = 54.988; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.53, 9.53, 9.53); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.715 W/kg

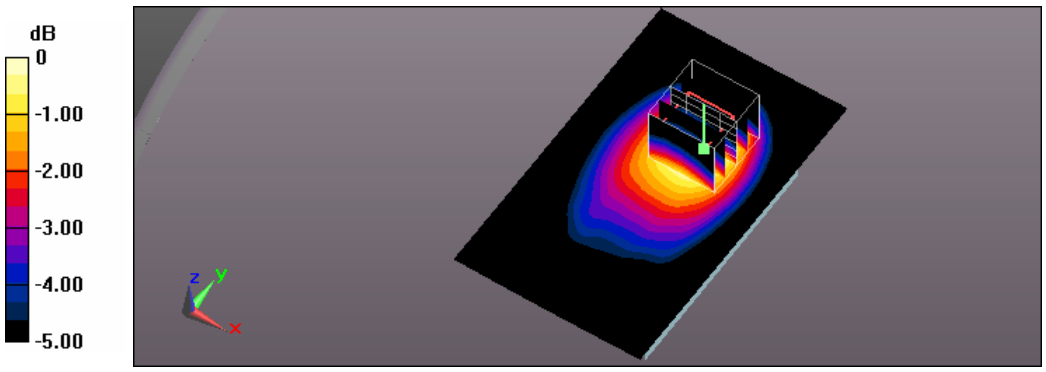
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.94 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.770 W/kg

SAR(1 g) = 0.574 W/kg; SAR(10 g) = 0.416 W/kg

Maximum value of SAR (measured) = 0.688 W/kg



0 dB = 0.688 W/kg = -1.62 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/29Time: PM 05:41:31

135_Flat_LTE Band 13 BW 10M CH23230_QPSK with 1 RB Size 0 RB Offset_side 2 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

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

Medium parameters used: f = 782 MHz; σ = 0.941 S/m; ε_r = 54.988; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.53, 9.53, 9.53); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.523 W/kg

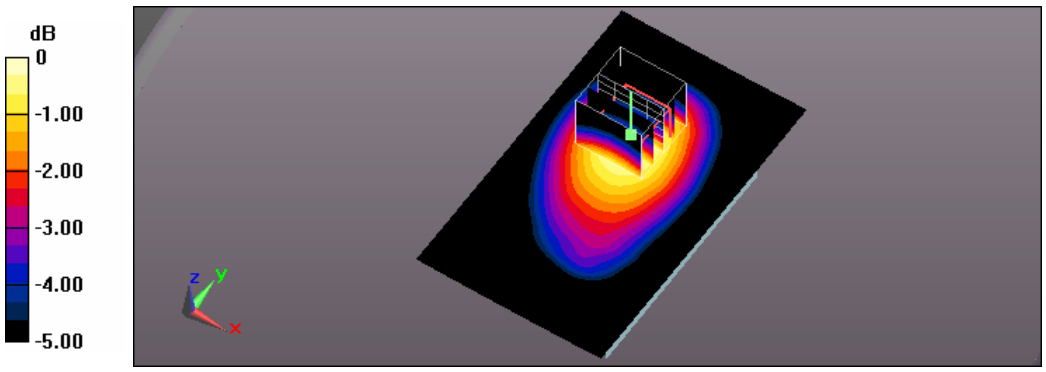
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.12 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.572 W/kg

SAR(1 g) = 0.437 W/kg; SAR(10 g) = 0.325 W/kg

Maximum value of SAR (measured) = 0.513 W/kg



0 dB = 0.513 W/kg = -2.90 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/29Time: PM 06:18:26

137_Flat_LTE Band 13 BW 10M CH23230_QPSK with 1 RB Size 0 RB Offset_side 3 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

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

Medium parameters used: f = 782 MHz; σ = 0.941 S/m; ε_r = 54.988; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.53, 9.53, 9.53); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.319 W/kg

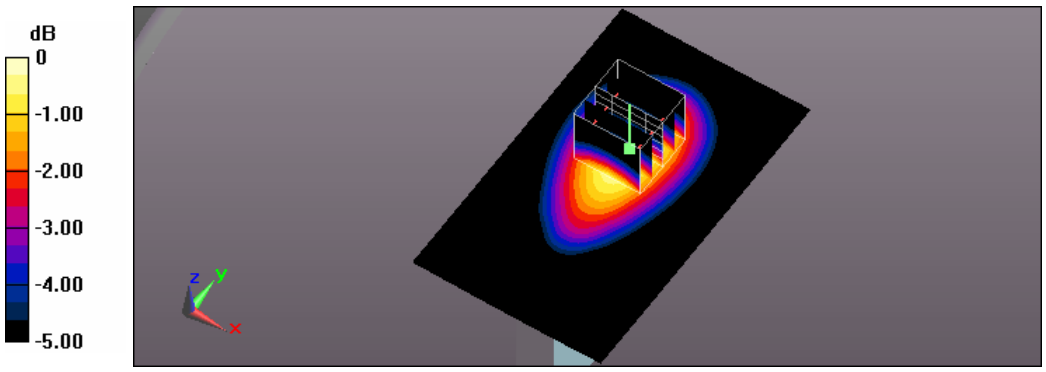
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.70 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.367 W/kg

SAR(1 g) = 0.271 W/kg; SAR(10 g) = 0.196 W/kg

Maximum value of SAR (measured) = 0.325 W/kg



0 dB = 0.325 W/kg = -4.88 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/29Time: PM 07:08:07

139_Flat_LTE Band 13 BW 10M CH23230_QPSK with 1 RB Size 0 RB Offset_side 4 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

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

Medium parameters used: f = 782 MHz; σ = 0.941 S/m; ε_r = 54.988; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.53, 9.53, 9.53); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.312 W/kg

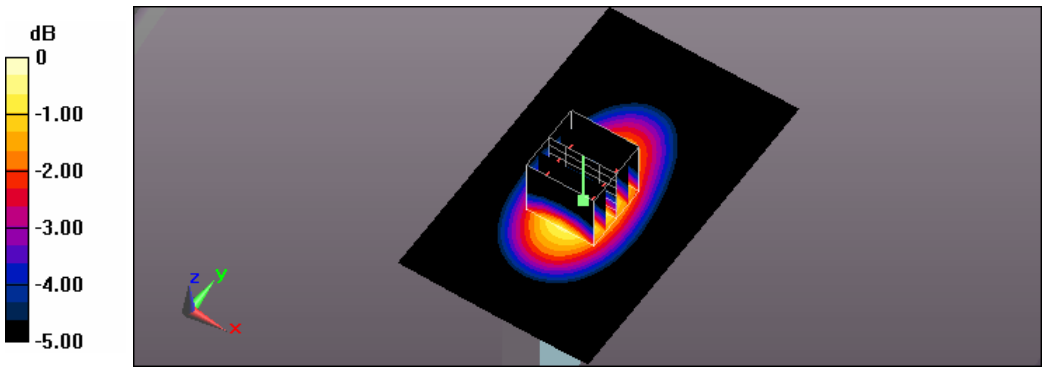
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.41 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.368 W/kg

SAR(1 g) = 0.261 W/kg; SAR(10 g) = 0.185 W/kg

Maximum value of SAR (measured) = 0.316 W/kg



0 dB = 0.316 W/kg = -5.00 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/29Time: PM 07:25:58

141_Flat_LTE Band 13 BW 10M CH23230_QPSK with 1 RB Size 0 RB Offset_side 5 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

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

Medium parameters used: f = 782 MHz; σ = 0.941 S/m; ε_r = 54.988; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.53, 9.53, 9.53); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0704 W/kg

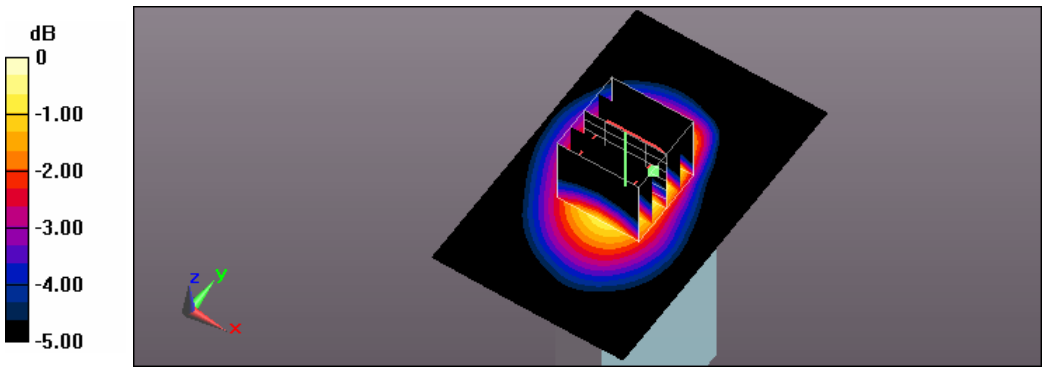
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.259 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.0800 W/kg

SAR(1 g) = 0.052 W/kg; SAR(10 g) = 0.035 W/kg

Maximum value of SAR (measured) = 0.0648 W/kg



0 dB = 0.0648 W/kg = -11.88 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/29Time: PM 05:11:41

134_Flat_LTE Band 13 BW 10M CH23230_QPSK with 25 RB Size 0 RB Offset_side 1 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

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

Medium parameters used: f = 782 MHz; σ = 0.941 S/m; ε_r = 54.988; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.53, 9.53, 9.53); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.601 W/kg

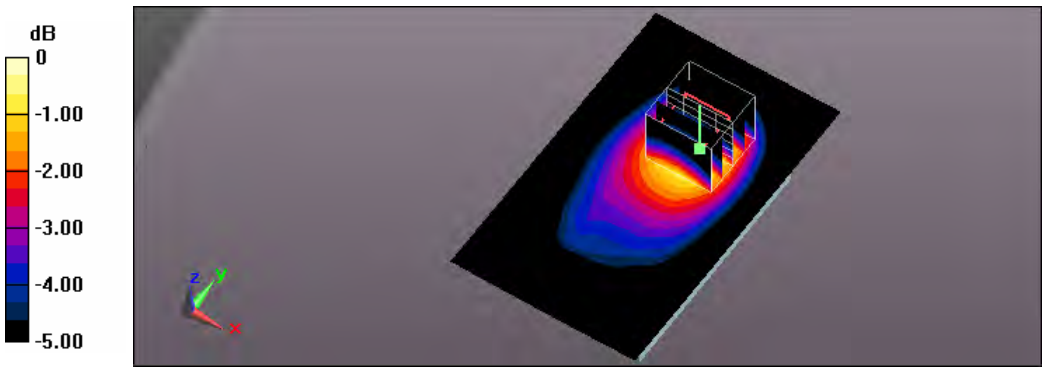
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.04 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.688 W/kg

SAR(1 g) = 0.507 W/kg; SAR(10 g) = 0.365 W/kg

Maximum value of SAR (measured) = 0.607 W/kg



0 dB = 0.607 W/kg = -2.17 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/29Time: PM 05:58:01

136_Flat_LTE Band 13 BW 10M CH23230_QPSK with 25 RB Size 0 RB Offset_side 2 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

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

Medium parameters used: f = 782 MHz; σ = 0.941 S/m; ε_r = 54.988; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.53, 9.53, 9.53); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.455 W/kg

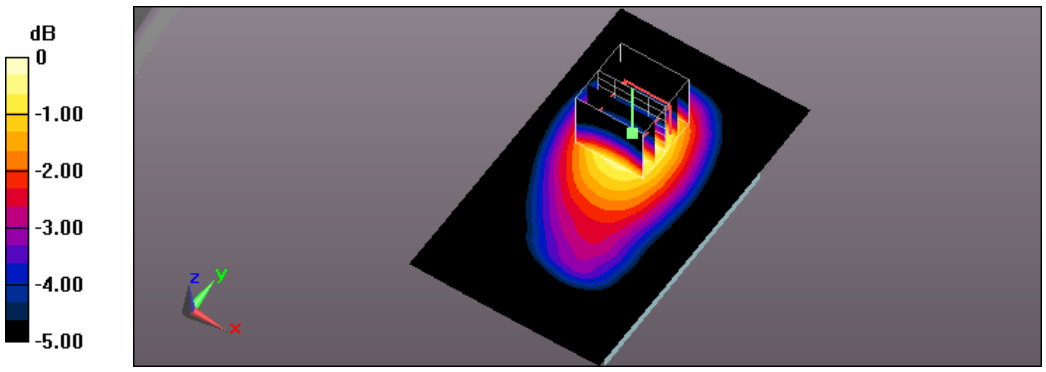
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.87 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.503 W/kg

SAR(1 g) = 0.384 W/kg; SAR(10 g) = 0.284 W/kg

Maximum value of SAR (measured) = 0.448 W/kg



0 dB = 0.448 W/kg = -3.49 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/29Time: PM 06:35:17

138_Flat_LTE Band 13 BW 10M CH23230_QPSK with 25 RB Size 0 RB Offset_side 3 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

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

Medium parameters used: f = 782 MHz; σ = 0.941 S/m; ε_r = 54.988; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.53, 9.53, 9.53); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.289 W/kg

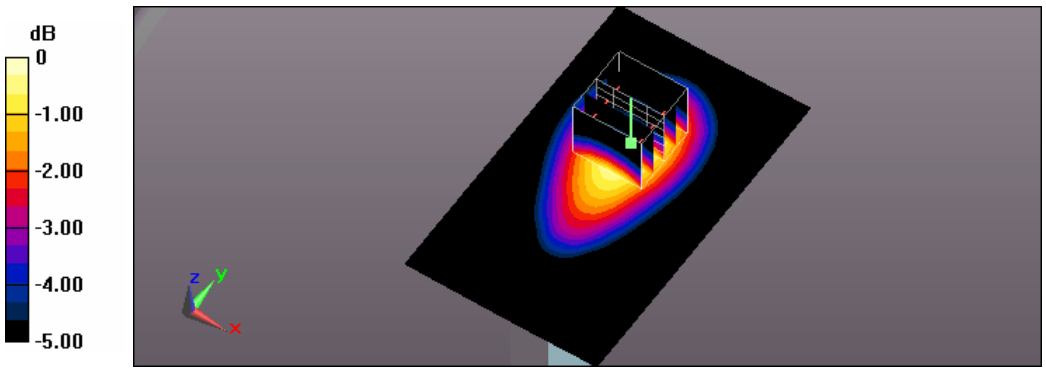
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.61 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.331 W/kg

SAR(1 g) = 0.245 W/kg; SAR(10 g) = 0.176 W/kg

Maximum value of SAR (measured) = 0.293 W/kg



0 dB = 0.293 W/kg = -5.33 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/29Time: PM 06:51:51

140_Flat_LTE Band 13 BW 10M CH23230_QPSK with 25 RB Size 0 RB Offset_side 4 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

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

Medium parameters used: f = 782 MHz; σ = 0.941 S/m; ε_r = 54.988; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.53, 9.53, 9.53); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.278 W/kg

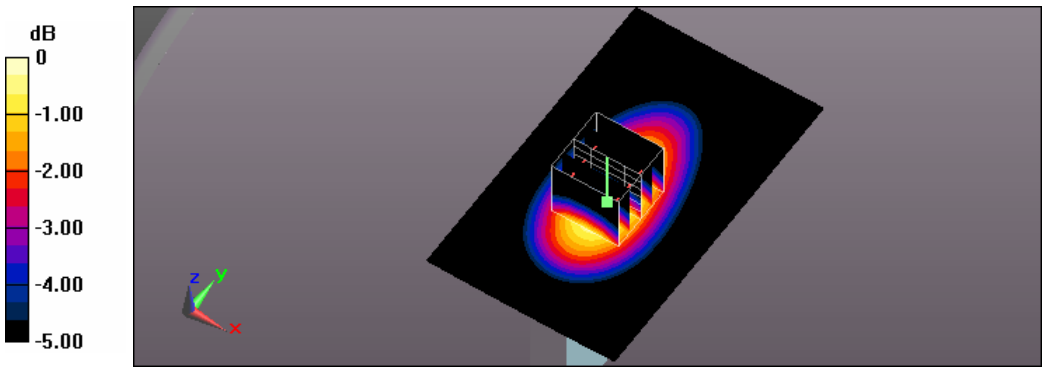
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.39 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.317 W/kg

SAR(1 g) = 0.229 W/kg; SAR(10 g) = 0.162 W/kg

Maximum value of SAR (measured) = 0.278 W/kg



0 dB = 0.278 W/kg = -5.56 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/29Time: PM 07:55:52

142_Flat_LTE Band 13 BW 10M CH23230_QPSK with 25 RB Size 0 RB Offset_side 5 surface to phantom 10mm

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

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

Medium parameters used: f = 782 MHz; σ = 0.941 S/m; ε_r = 54.988; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.53, 9.53, 9.53); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (51x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0730 W/kg

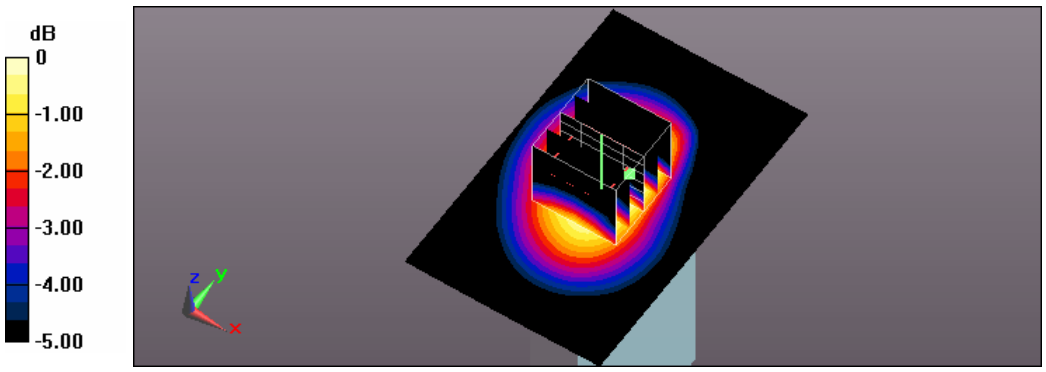
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.275 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.0730 W/kg

SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.034 W/kg

Maximum value of SAR (measured) = 0.0621 W/kg



0 dB = 0.0621 W/kg = -12.07 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/5/15Time: PM 09:40:01

16_ Flat_LTE Band 2 BW 20M CH18700_QPSK with 100 RB Size 0 RB Offset_original 15_side 1 surface to phantom 10mm_measurement onece

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, Generic LTE (0);Frequency: 1860 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1860 MHz; σ = 1.463 S/m; ε_r = 54.452; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.46, 7.46, 7.46); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.903 W/kg

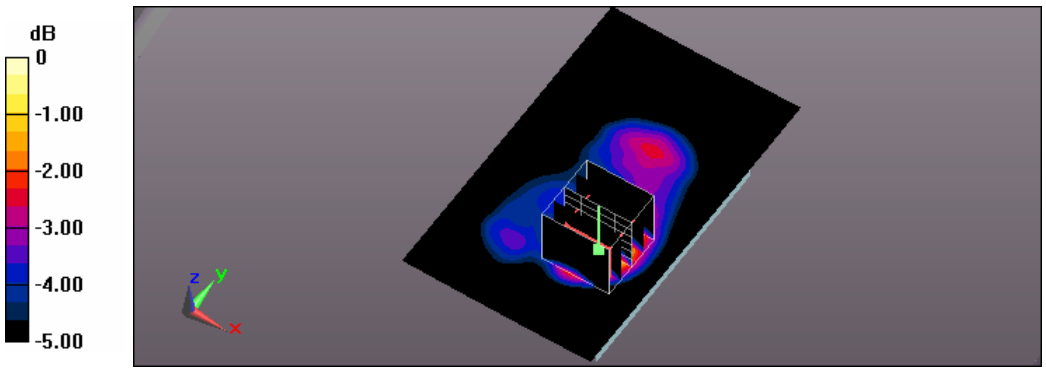
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.83 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.661 W/kg; SAR(10 g) = 0.380 W/kg

Maximum value of SAR (measured) = 0.885 W/kg



0 dB = 0.885 W/kg = -0.53 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2015/4/24Time: PM 09:25:13

53_ Flat_LTE Band 4 BW 20M CH20300_QPSK with 50 RB Size 0 RB Offset_original #38_side 1 surface to phantom 10mm_measurement onece

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

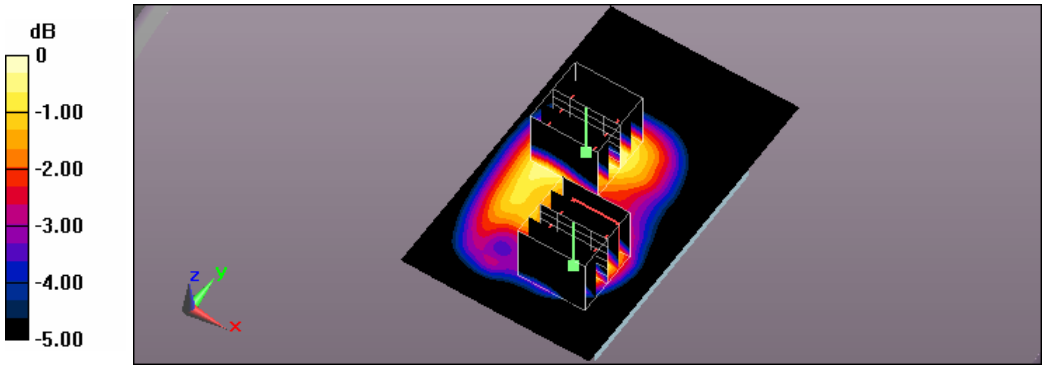
Communication System: UID 0, Generic LTE (0);Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.497 S/m; ε_r = 54.238; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.65, 7.65, 7.65); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.36 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.49 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.70 W/kg
SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.606 W/kg
Maximum value of SAR (measured) = 1.37 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.49 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 0.916 W/kg; SAR(10 g) = 0.608 W/kg
Maximum value of SAR (measured) = 1.12 W/kg



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

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/4/28Time: PM 06:52:44

111_ Flat_LTE Band 5 BW 10M CH20525_QPSK with 1 RB Size 0 RB Offset_original #96_side 1 surface to phantom 10mm_measurement onece

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, Generic LTE (0);Frequency: 836.5 MHz;Duty Cycle: 1:1

Medium parameters used: f = 836.5 MHz; σ = 1 S/m; ε_r = 55.893; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(9.42, 9.42, 9.42); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.917 W/kg

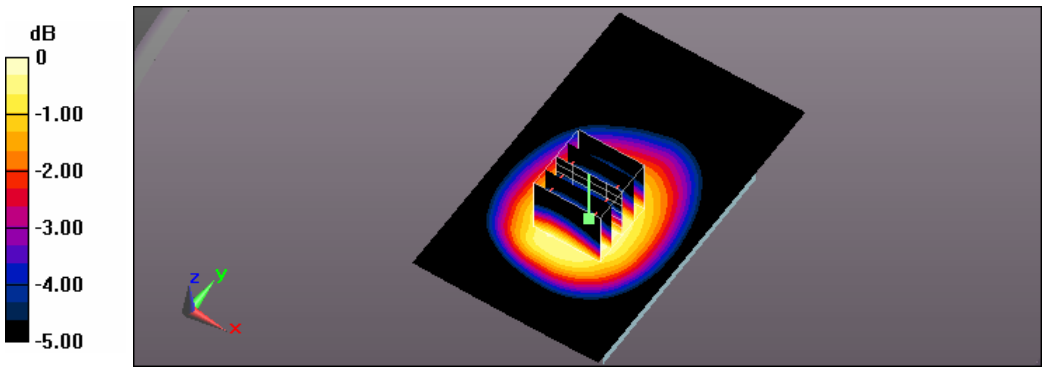
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.28 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.804 W/kg; SAR(10 g) = 0.606 W/kg

Maximum value of SAR (measured) = 0.932 W/kg



0 dB = 0.932 W/kg = -0.31 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/5/4Time: PM 09:08:01

166_ Flat_LTE Band 7 BW 20M CH21350_QPSK with 1 RB Size 0 RB Offset_original #164_side 5 surface to phantom 10mm_measurement onece

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, Generic LTE (0);Frequency: 2560 MHz;Duty Cycle: 1:1

Medium parameters used: f = 2560 MHz; σ = 2.166 S/m; ε_r = 51.085; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.19, 7.19, 7.19); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (71x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.06 W/kg

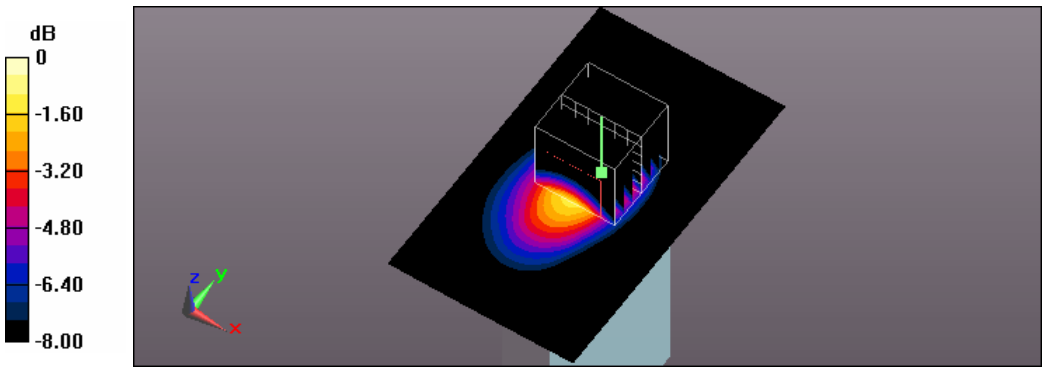
Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.28 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 0.744 W/kg; SAR(10 g) = 0.380 W/kg

Maximum value of SAR (measured) = 1.08 W/kg



0 dB = 1.08 W/kg = 0.33 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2015/7/3Time: PM 03:21:39

224_Flat_802.11b CH11_1M_side 1 surface to phantom 10mm_Antenna1

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11b (0);Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.968 S/m; ε_r = 54.362; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY Configuration:

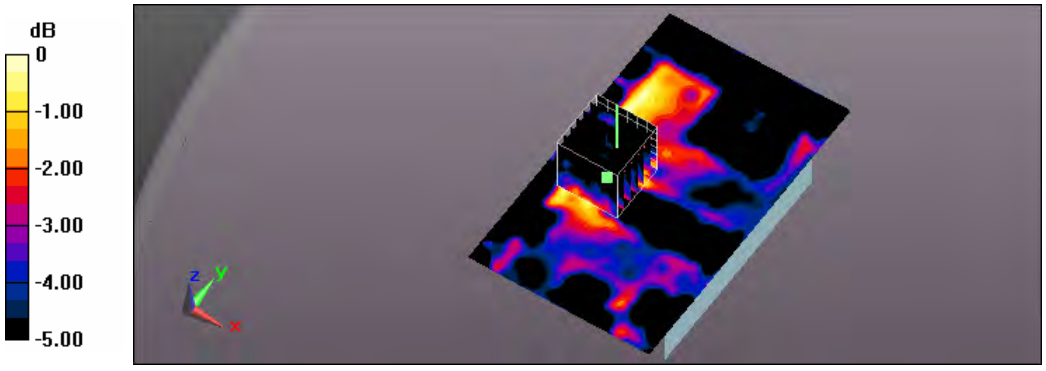
- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.29, 7.29, 7.29); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (91x151x1):

Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0168 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.219 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.0140 W/kg
SAR(1 g) = 0.00817 W/kg; SAR(10 g) = 0.0056 W/kg
Maximum value of SAR (measured) = 0.0103 W/kg



0 dB = 0.0103 W/kg = -19.87 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2015/5/5Time: PM 01:01:17

153_Flat_802.11b CH11_1M_side 3 surface to phantom 10mm_Antenna1

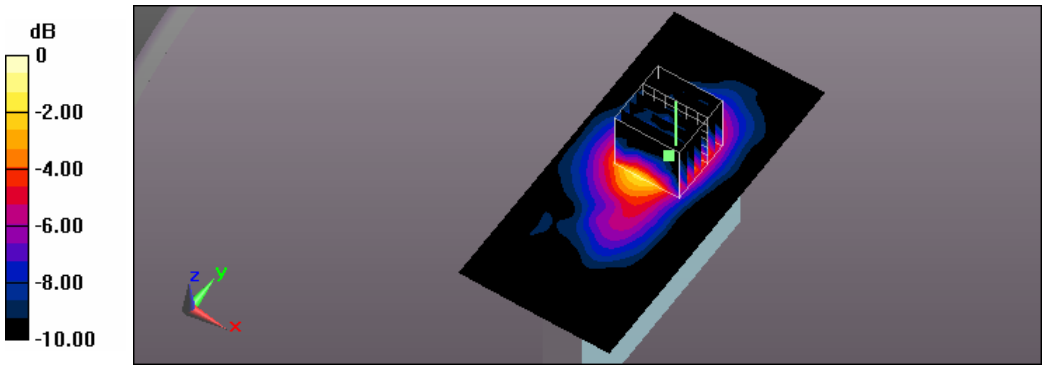
DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11b (0);Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.968 S/m; ε_r = 54.362; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.29, 7.29, 7.29); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (71x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0430 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.559 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.0580 W/kg
SAR(1 g) = 0.031 W/kg; SAR(10 g) = 0.017 W/kg
Maximum value of SAR (measured) = 0.0432 W/kg



0 dB = 0.0432 W/kg = -13.65 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2015/7/3Time: PM 04:00:06

225_Flat_802.11b CH1_1M_side 1 surface to phantom 10mm_Antenna2

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11b (0);Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.905 S/m; ε_r = 54.496; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY Configuration:

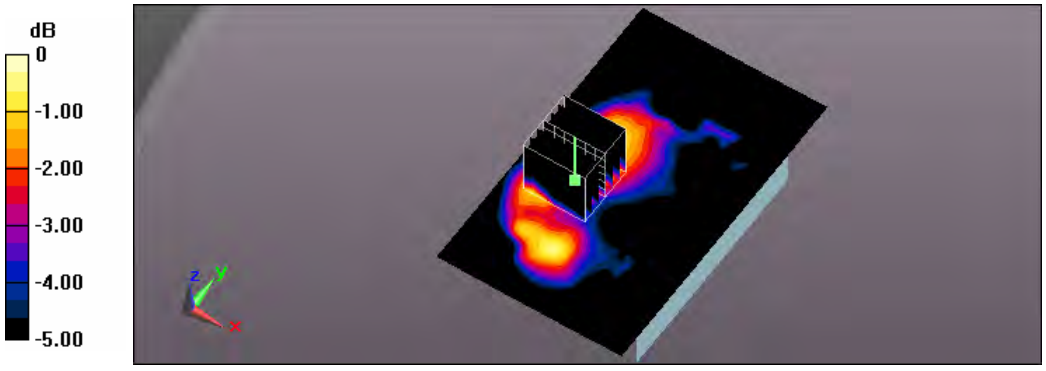
- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.29, 7.29, 7.29); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (91x151x1):

Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0171 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.184 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.0250 W/kg
SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.00909 W/kg
Maximum value of SAR (measured) = 0.0191 W/kg



0 dB = 0.0191 W/kg = -17.19 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/5/5Time: PM 05:16:11

167_Flat_802.11b CH1_1M_side 3 surface to phantom 10mm_Antenna2

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

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

Medium parameters used: f = 2412 MHz; σ = 1.905 S/m; ε_r = 54.496; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.29, 7.29, 7.29); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (71x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0399 W/kg

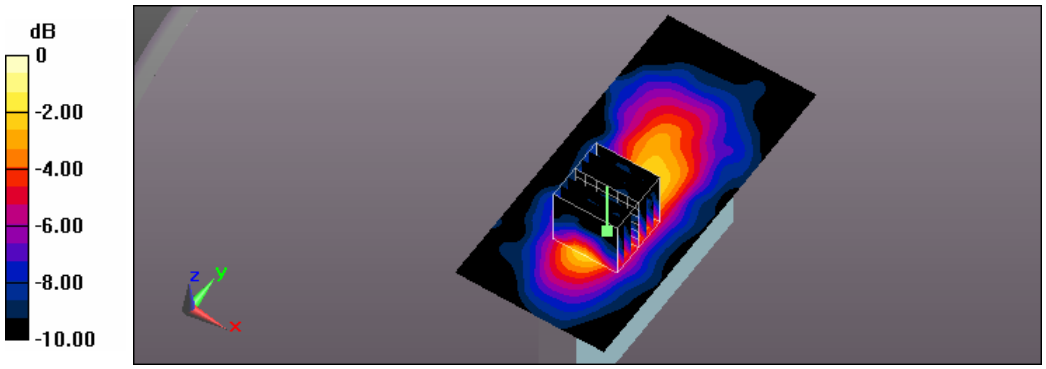
Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.663 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.0500 W/kg

SAR(1 g) = 0.027 W/kg; SAR(10 g) = 0.015 W/kg

Maximum value of SAR (measured) = 0.0391 W/kg



0 dB = 0.0391 W/kg = -14.08 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2015/7/3Time: PM 04:37:35

226_Flat_802.11g CH6_6M_side 1 surface to phantom 10mm_Antenna1

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11g (0);Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2437 MHz; σ = 1.937 S/m; ε_r = 54.429; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY Configuration:

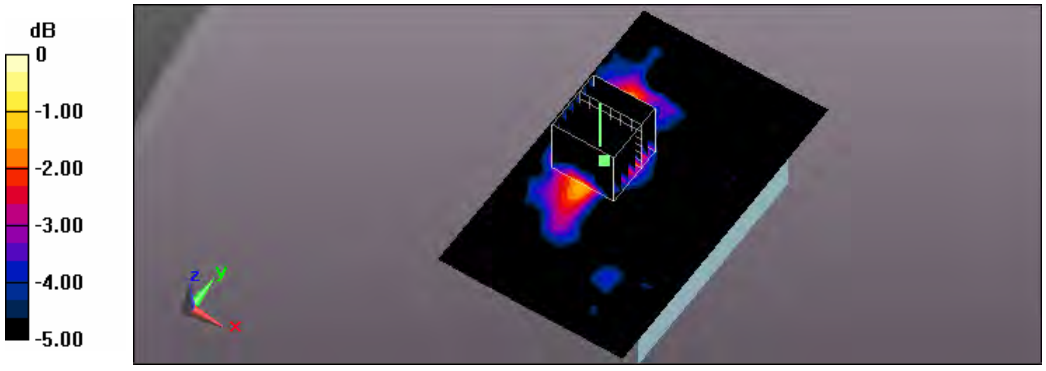
- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.29, 7.29, 7.29); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (91x151x1):

Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0141 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.756 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.0210 W/kg
SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00706 W/kg
Maximum value of SAR (measured) = 0.0154 W/kg



0 dB = 0.0154 W/kg = -18.12 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/5/5Time: PM 06:02:38

168_Flat_802.11g CH6_6M_side 3 surface to phantom 10mm_Antenna1

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11g (0);Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used: f = 2437 MHz; σ = 1.937 S/m; ε_r = 54.429; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.29, 7.29, 7.29); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (71x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0597 W/kg

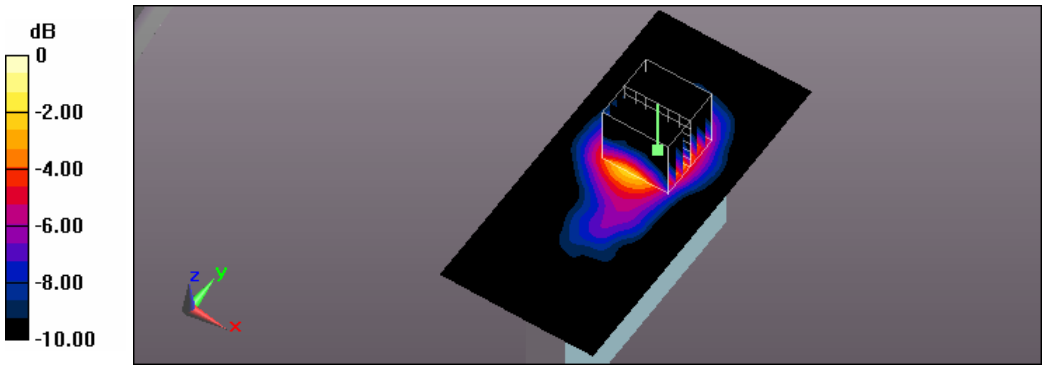
Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.235 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.0750 W/kg

SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.022 W/kg

Maximum value of SAR (measured) = 0.0586 W/kg



0 dB = 0.0586 W/kg = -12.32 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2015/7/3Time: PM 05:32:16

227_Flat_802.11g CH1_6M_side 1 surface to phantom 10mm_Antenna2

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11g (0);Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.905 S/m; ε_r = 54.496; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY Configuration:

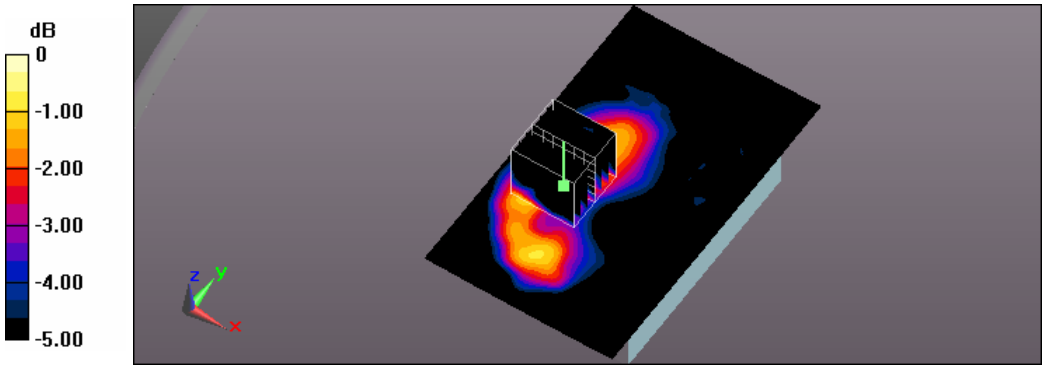
- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.29, 7.29, 7.29); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (91x151x1):

Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0175 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.980 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.0240 W/kg
SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.00911 W/kg
Maximum value of SAR (measured) = 0.0182 W/kg



0 dB = 0.0182 W/kg = -17.40 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2015/5/5Time: PM 06:55:12

169_Flat_802.11g CH1_6M_side 3 surface to phantom 10mm_Antenna2

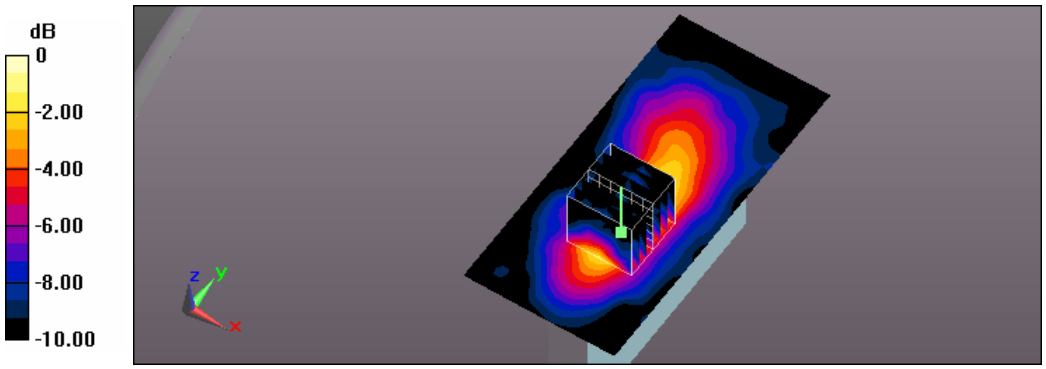
DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11g (0);Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.905 S/m; ε_r = 54.496; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.29, 7.29, 7.29); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (71x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0367 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.403 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.0460 W/kg
SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.013 W/kg
Maximum value of SAR (measured) = 0.0354 W/kg



0 dB = 0.0354 W/kg = -14.51 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/7/3Time: PM 06:44:09

228_Flat_802.11n_HT20 CH1_6.5M_side 1 surface to phantom 10mm_Antenna1

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11n(2.4GHz) (0);Frequency: 2412 MHz;Duty Cycle: 1:1

Medium parameters used: f = 2412 MHz; σ = 1.905 S/m; ε_r = 54.496; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.29, 7.29, 7.29); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (91x151x1):

Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0127 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0:

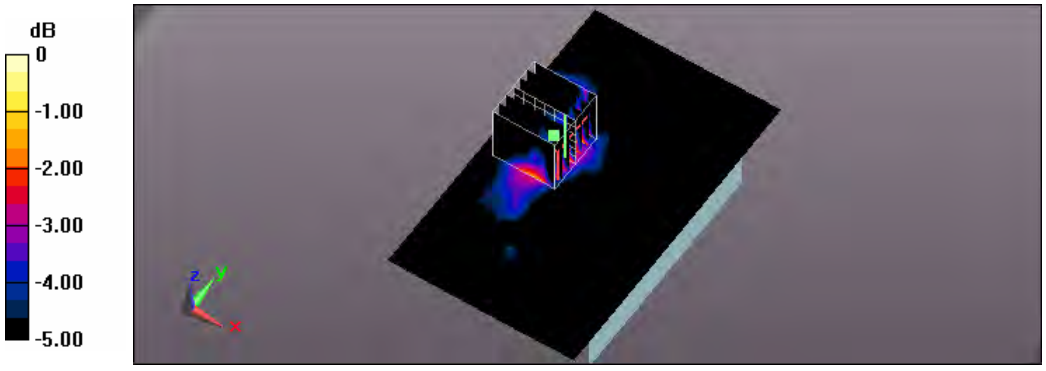
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.815 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.0240 W/kg

SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.0099 W/kg

Maximum value of SAR (measured) = 0.0192 W/kg



0 dB = 0.0192 W/kg = -17.17 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/5/5Time: PM 01:56:06

154_Flat_802.11n_HT20 CH1_6.5M_side 3 surface to phantom 10mm_Antenna1

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11n(2.4GHz) (0);Frequency: 2412 MHz;Duty Cycle: 1:1

Medium parameters used: f = 2412 MHz; σ = 1.905 S/m; ε_r = 54.496; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.29, 7.29, 7.29); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (71x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0253 W/kg

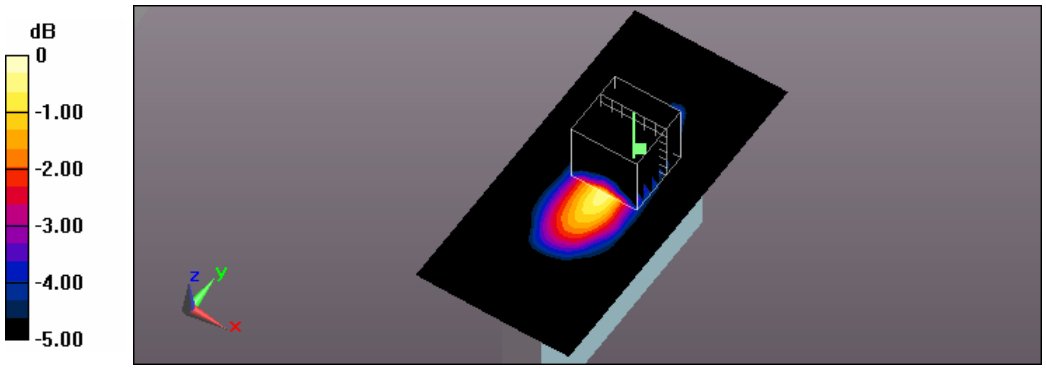
Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.461 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.0320 W/kg

SAR(1 g) = 0.018 W/kg; SAR(10 g) = 0.010 W/kg

Maximum value of SAR (measured) = 0.0247 W/kg



0 dB = 0.0247 W/kg = -16.07 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/7/3Time: PM 07:39:59

229_Flat_802.11n_HT20 CH1_6.5M_side 1 surface to phantom 10mm_Antenna2

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11n(2.4GHz) (0);Frequency: 2412 MHz;Duty Cycle: 1:1

Medium parameters used: f = 2412 MHz; σ = 1.905 S/m; ε_r = 54.496; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.29, 7.29, 7.29); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (91x151x1):

Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0134 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0:

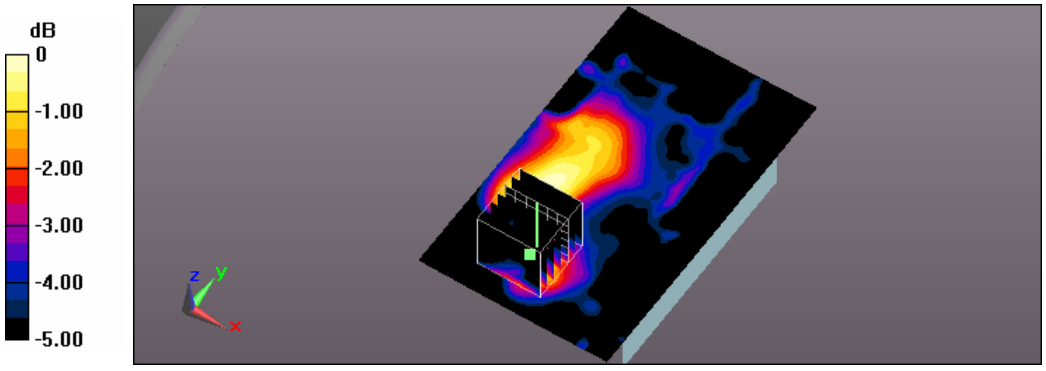
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.549 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.0190 W/kg

SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00729 W/kg

Maximum value of SAR (measured) = 0.0139 W/kg



0 dB = 0.0139 W/kg = -18.57 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/5/5Time: PM 02:47:18

155_Flat_802.11n_HT20 CH1_6.5M_side 3 surface to phantom 10mm_Antenna2

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11n(2.4GHz) (0);Frequency: 2412 MHz;Duty Cycle: 1:1

Medium parameters used: f = 2412 MHz; σ = 1.905 S/m; ε_r = 54.496; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.29, 7.29, 7.29); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (71x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0211 W/kg

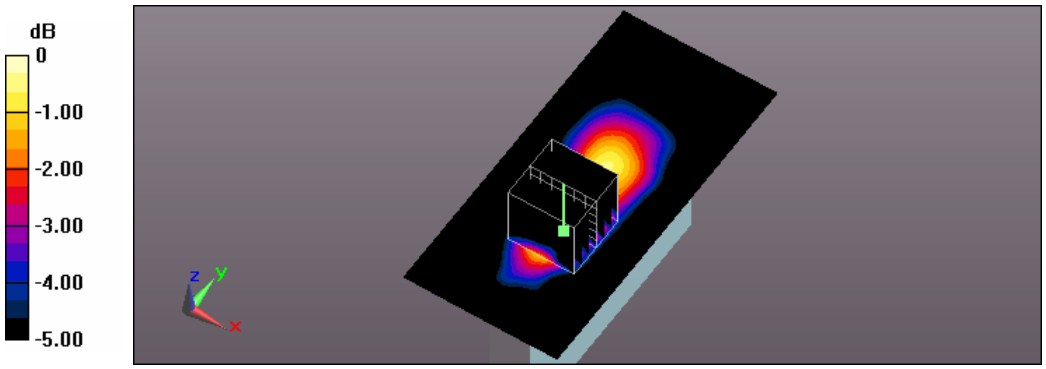
Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.286 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.0260 W/kg

SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.00915 W/kg

Maximum value of SAR (measured) = 0.0204 W/kg



0 dB = 0.0204 W/kg = -16.90 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/7/3Time: PM 08:54:26

230_Flat_802.11n_HT40 CH6_13.5M_side 1 surface to phantom 10mm_Antenna1

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11n(2.4GHz) (0);Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used: f = 2437 MHz; σ = 1.937 S/m; ε_r = 54.429; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.29, 7.29, 7.29); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (91x151x1):

Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0138 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0:

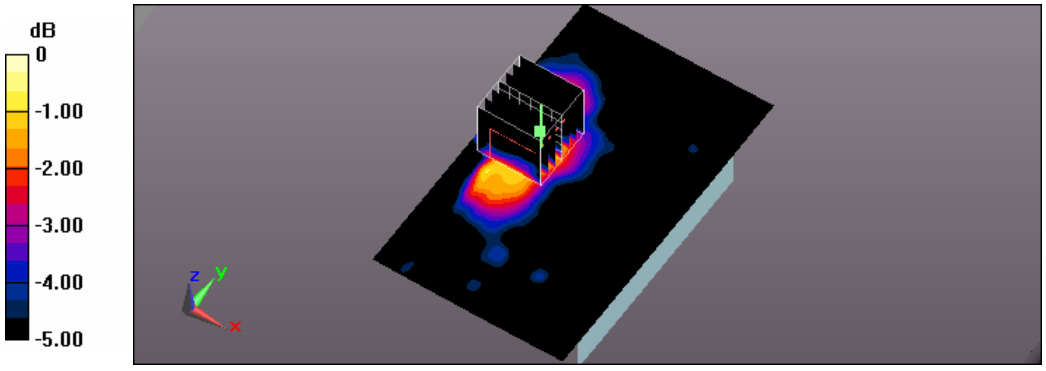
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.759 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.0210 W/kg

SAR(1 g) = 0.012 W/kg; SAR(10 g) = 0.0072 W/kg

Maximum value of SAR (measured) = 0.0155 W/kg



0 dB = 0.0155 W/kg = -18.10 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/5/5Time: PM 03:33:31

158_Flat_802.11n_HT40 CH6_13.5M_side 3 surface to phantom 10mm_Antenna1

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11n(2.4GHz) (0);Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used: f = 2437 MHz; σ = 1.937 S/m; ε_r = 54.429; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.29, 7.29, 7.29); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (71x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0339 W/kg

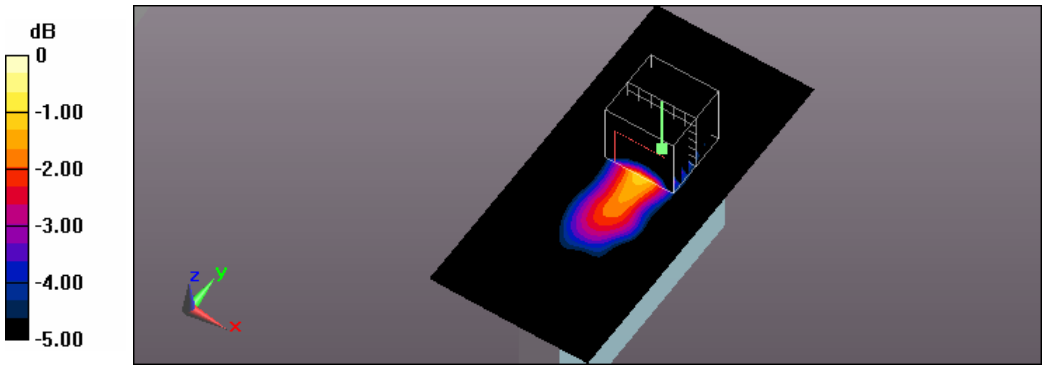
Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.240 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.0430 W/kg

SAR(1 g) = 0.024 W/kg; SAR(10 g) = 0.013 W/kg

Maximum value of SAR (measured) = 0.0337 W/kg



0 dB = 0.0337 W/kg = -14.72 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/7/3Time: PM 09:27:57

231_Flat_802.11n_HT40 CH6_13.5M_side 1 surface to phantom 10mm_Antenna2

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11n(2.4GHz) (0);Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used: f = 2437 MHz; σ = 1.937 S/m; ε_r = 54.429; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.29, 7.29, 7.29); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (91x151x1):

Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0131 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0:

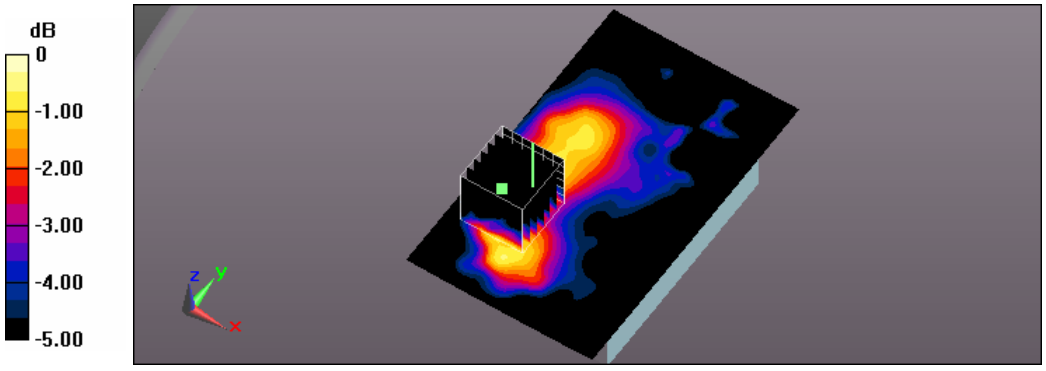
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.512 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.0190 W/kg

SAR(1 g) = 0.010 W/kg; SAR(10 g) = 0.00643 W/kg

Maximum value of SAR (measured) = 0.0141 W/kg



0 dB = 0.0141 W/kg = -18.51 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/5/5Time: PM 04:11:57

159_Flat_802.11n_HT40 CH6_13.5M_side 3 surface to phantom 10mm_Antenna2

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11n(2.4GHz) (0);Frequency: 2437 MHz;Duty Cycle: 1:1

Medium parameters used: f = 2437 MHz; σ = 1.937 S/m; ε_r = 54.429; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(7.29, 7.29, 7.29); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (71x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0326 W/kg

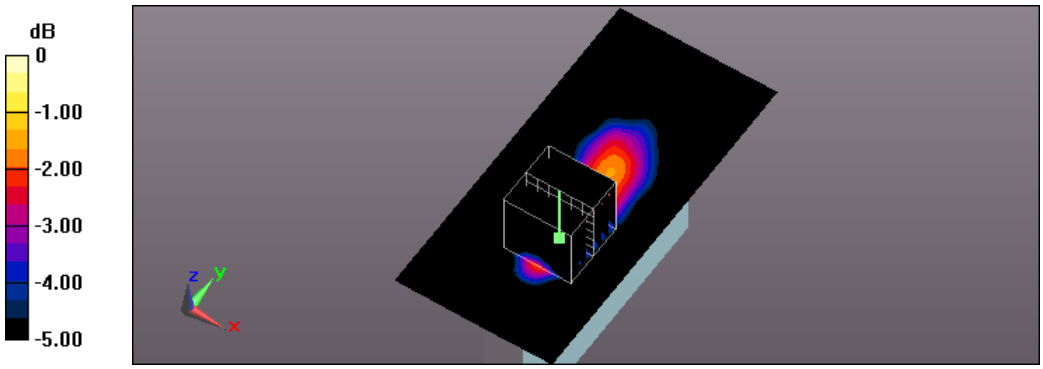
Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.153 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.0420 W/kg

SAR(1 g) = 0.022 W/kg; SAR(10 g) = 0.012 W/kg

Maximum value of SAR (measured) = 0.0312 W/kg



0 dB = 0.0312 W/kg = -15.06 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/5/7Time: PM 01:33:25

181_Flat_802.11a CH36_6M_side 1 surface to phantom 10mm_Antenna1

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11a (0);Frequency: 5180 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5180 MHz; σ = 5.496 S/m; ε_r = 47.812; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.96, 4.96, 4.96); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (101x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0732 W/kg

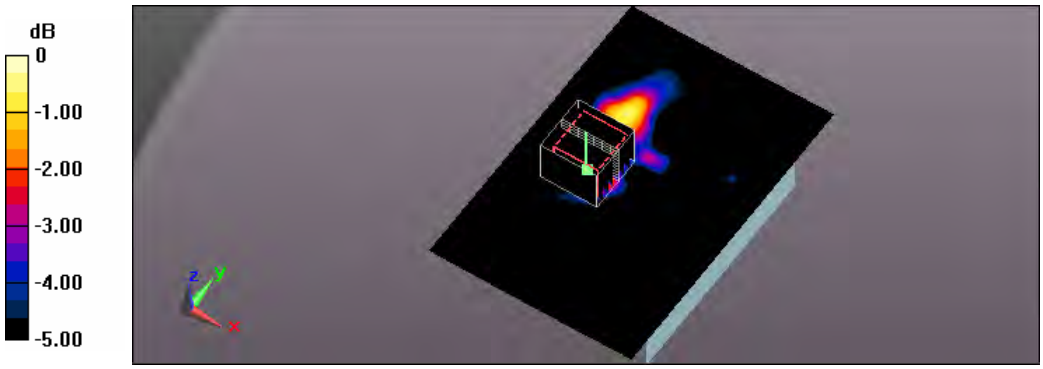
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.848 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.134 W/kg

SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.020 W/kg

Maximum value of SAR (measured) = 0.0739 W/kg



0 dB = 0.0739 W/kg = -11.31 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/6/17Time: PM 01:58:13

184_Flat_802.11a CH40_6M_side 1 surface to phantom 10mm_Antenna1

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11a (0);Frequency: 5200 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5200 MHz; σ = 5.52 S/m; ε_r = 47.76; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.96, 4.96, 4.96); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (101x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0877 W/kg

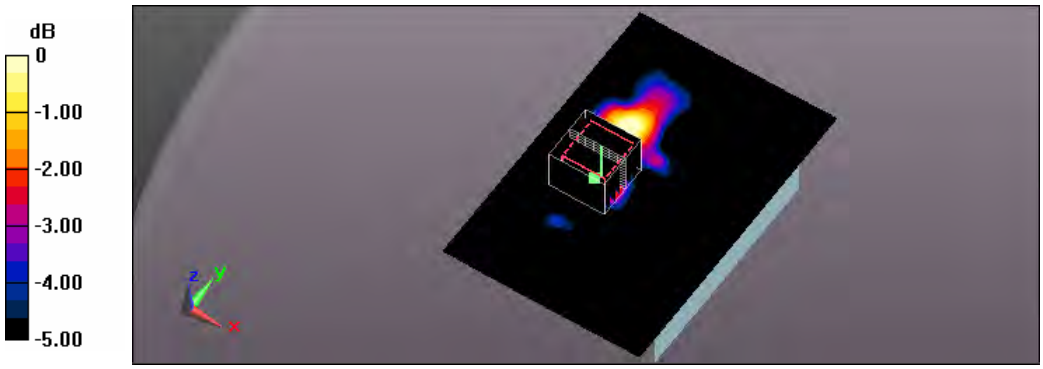
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.850 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.126 W/kg

SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.020 W/kg

Maximum value of SAR (measured) = 0.0760 W/kg



0 dB = 0.0760 W/kg = -11.19 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/6/17Time: PM 02:51:49

185_Flat_802.11a CH149_6M_side 1 surface to phantom 10mm_Antenna1

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11a (0);Frequency: 5745 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5745 MHz; σ = 6.194 S/m; ε_r = 46.549; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.35, 4.35, 4.35); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (101x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.110 W/kg

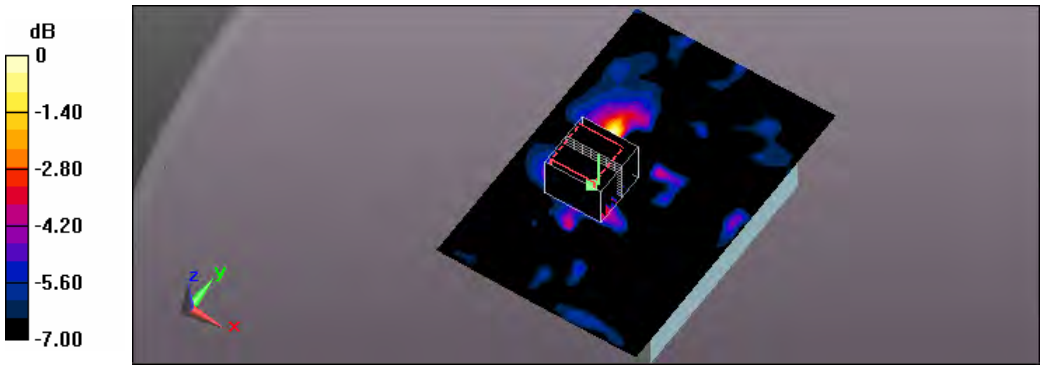
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.963 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.244 W/kg

SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.021 W/kg

Maximum value of SAR (measured) = 0.0741 W/kg



0 dB = 0.0741 W/kg = -11.30 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/6/17Time: PM 03:49:16

186_Flat_802.11a CH153_6M_side 1 surface to phantom 10mm_Antenna1

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11a (0);Frequency: 5765 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5765 MHz; σ = 6.228 S/m; ε_r = 46.498; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.35, 4.35, 4.35); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (101x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.111 W/kg

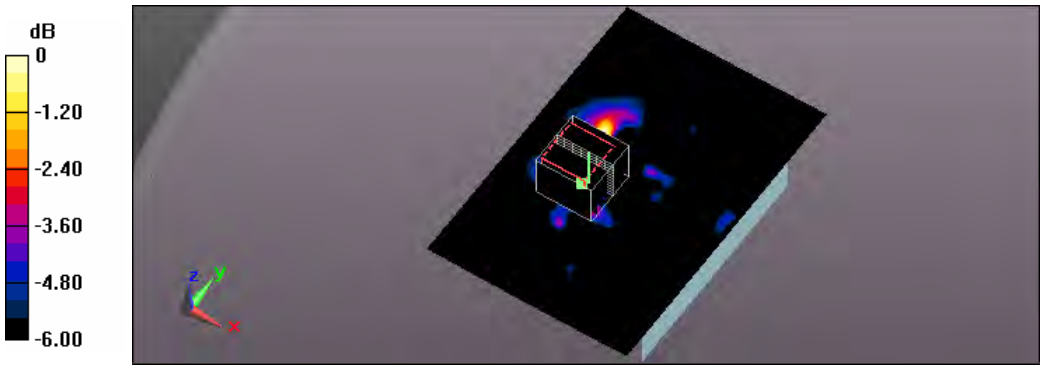
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.973 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.247 W/kg

SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.021 W/kg

Maximum value of SAR (measured) = 0.0750 W/kg



0 dB = 0.0750 W/kg = -11.25 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/5/7Time: PM 12:26:30

180_Flat_802.11a CH36_6M_side 3 surface to phantom 10mm_Antenna1

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11a (0);Frequency: 5180 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5180 MHz; σ = 5.496 S/m; ε_r = 47.812; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.96, 4.96, 4.96); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (71x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.111 W/kg

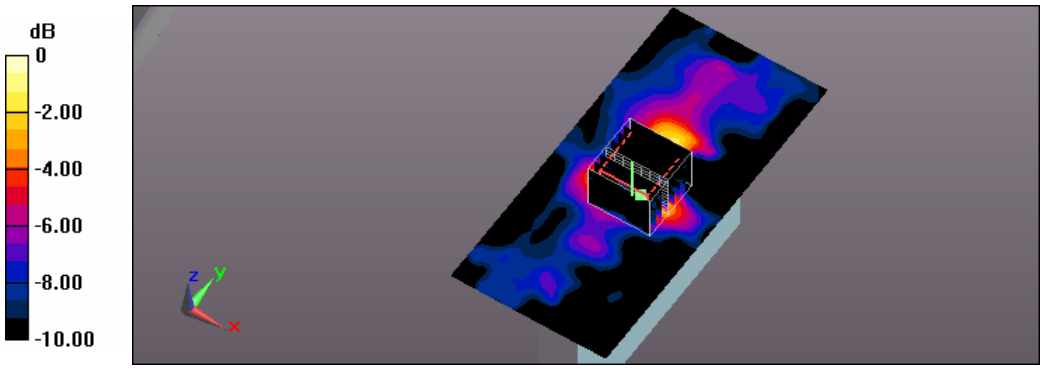
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.776 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.214 W/kg

SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.028 W/kg

Maximum value of SAR (measured) = 0.116 W/kg



0 dB = 0.116 W/kg = -9.36 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2015/6/17Time: PM 06:38:10

189_Flat_802.11a CH40_6M_side 3 surface to phantom 10mm_Antenna1

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11a (0);Frequency: 5200 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5200 MHz; σ = 5.52 S/m; ε_r = 47.76; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.96, 4.96, 4.96); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (71x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.128 W/kg

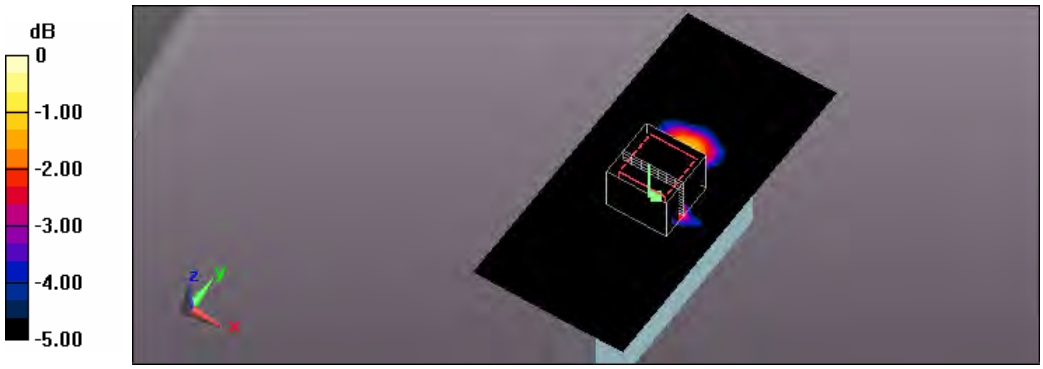
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.107 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.256 W/kg

SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.028 W/kg

Maximum value of SAR (measured) = 0.121 W/kg



0 dB = 0.121 W/kg = -9.17 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/6/17Time: PM 04:44:48

187_Flat_802.11a CH149_6M_side 3 surface to phantom 10mm_Antenna1

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11a (0);Frequency: 5745 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5745 MHz; σ = 6.194 S/m; ε_r = 46.549; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.35, 4.35, 4.35); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (71x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.147 W/kg

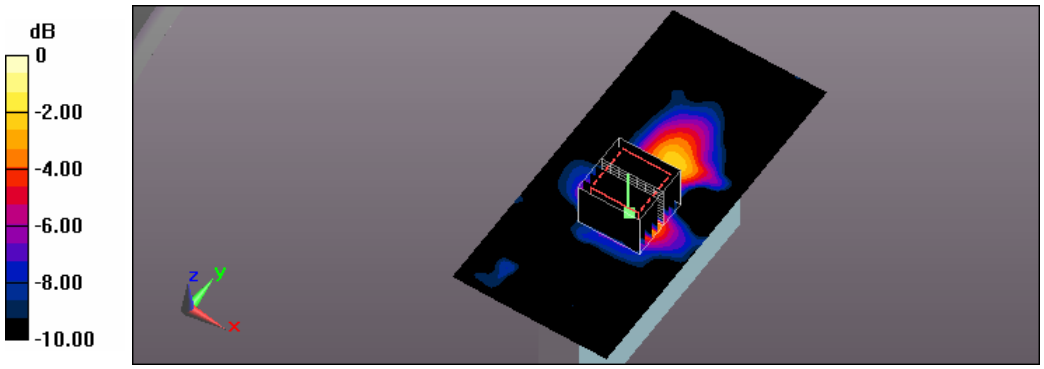
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.842 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.888 W/kg

SAR(1 g) = 0.084 W/kg; SAR(10 g) = 0.033 W/kg

Maximum value of SAR (measured) = 0.156 W/kg



0 dB = 0.156 W/kg = -8.07 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/6/17Time: PM 05:46:14

188_Flat_802.11a CH153_6M_side 3 surface to phantom 10mm_Antenna1

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11a (0);Frequency: 5765 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5765 MHz; σ = 6.228 S/m; ε_r = 46.498; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.35, 4.35, 4.35); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (71x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.149 W/kg

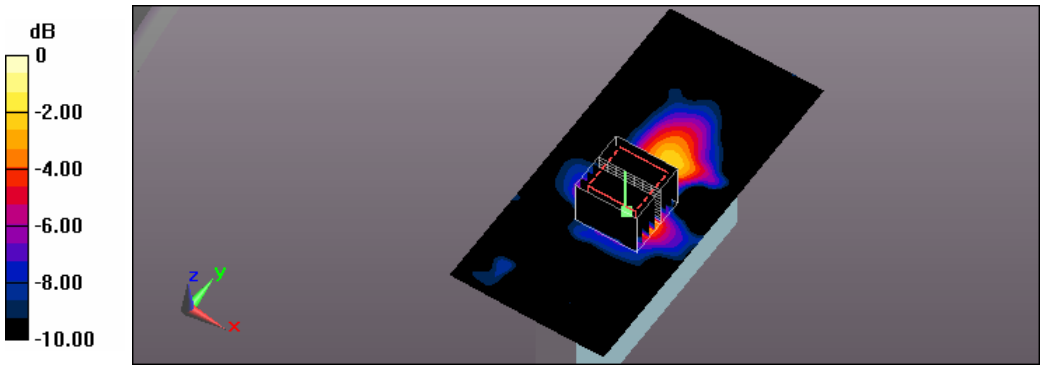
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.858 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.899 W/kg

SAR(1 g) = 0.085 W/kg; SAR(10 g) = 0.033 W/kg

Maximum value of SAR (measured) = 0.158 W/kg



0 dB = 0.158 W/kg = -8.01 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/5/7Time: PM 02:30:20

182_Flat_802.11a CH36_6M_side 1 surface to phantom 10mm_Antenna2

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11a (0);Frequency: 5180 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5180 MHz; σ = 5.496 S/m; ε_r = 47.812; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.96, 4.96, 4.96); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (101x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0548 W/kg

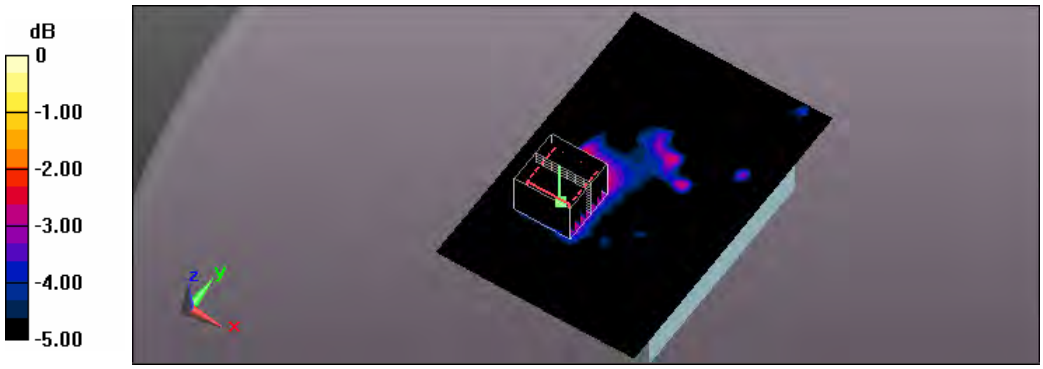
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.255 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.203 W/kg

SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.018 W/kg

Maximum value of SAR (measured) = 0.0501 W/kg



0 dB = 0.0501 W/kg = -13.00 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/6/18Time: AM 12:39:42

190_Flat_802.11a CH40_6M_side 1 surface to phantom 10mm_Antenna2

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11a (0);Frequency: 5200 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5200 MHz; σ = 5.52 S/m; ε_r = 47.76; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.96, 4.96, 4.96); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (101x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0554 W/kg

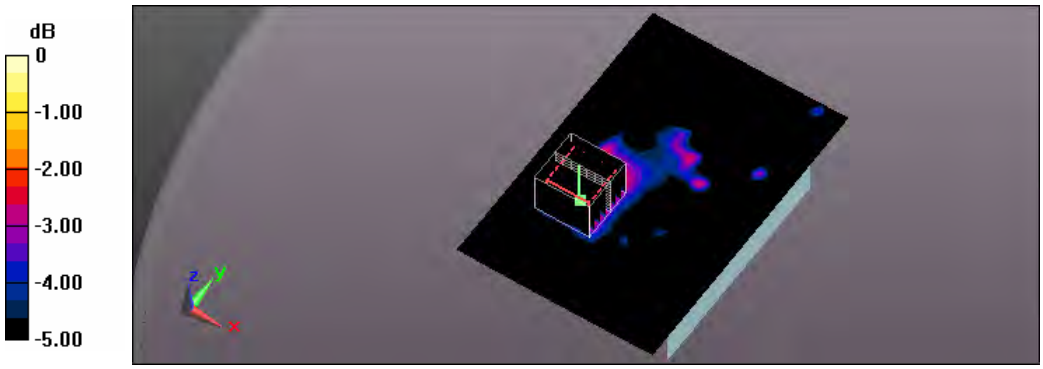
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.266 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.205 W/kg

SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.018 W/kg

Maximum value of SAR (measured) = 0.0507 W/kg



0 dB = 0.0507 W/kg = -12.95 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/6/17Time: PM 08:29:54

191_Flat_802.11a CH149_6M_side 1 surface to phantom 10mm_Antenna2

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11a (0);Frequency: 5745 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5745 MHz; σ = 6.194 S/m; ε_r = 46.549; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.35, 4.35, 4.35); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (101x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.179 W/kg

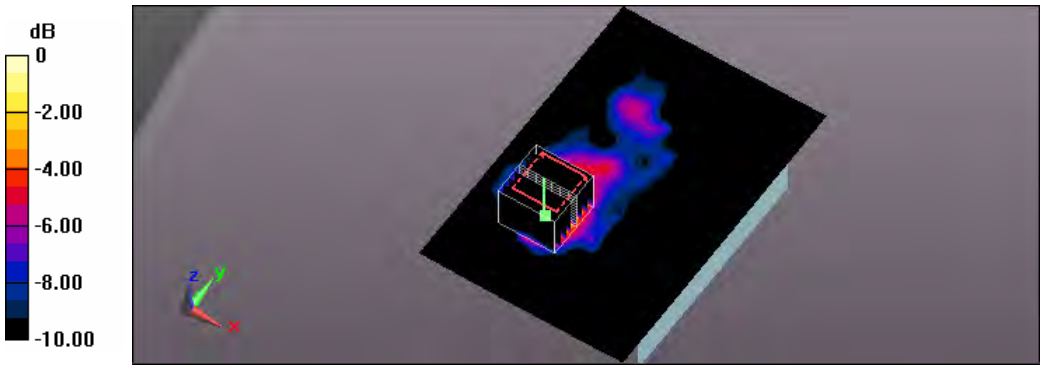
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.559 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.407 W/kg

SAR(1 g) = 0.094 W/kg; SAR(10 g) = 0.040 W/kg

Maximum value of SAR (measured) = 0.176 W/kg



0 dB = 0.176 W/kg = -7.54 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/6/18Time: AM 01:46:51

192_Flat_802.11a CH153_6M_side 1 surface to phantom 10mm_Antenna2

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11a (0);Frequency: 5765 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5765 MHz; σ = 6.228 S/m; ε_r = 46.498; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.35, 4.35, 4.35); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (101x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.181 W/kg

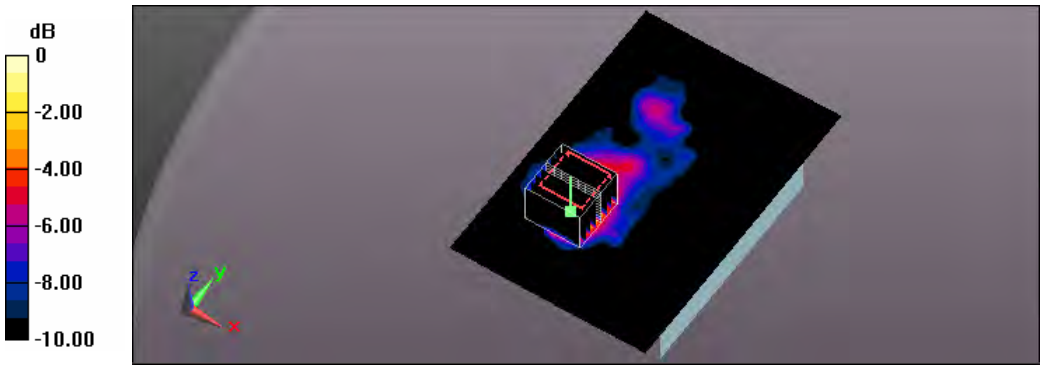
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.577 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.412 W/kg

SAR(1 g) = 0.095 W/kg; SAR(10 g) = 0.040 W/kg

Maximum value of SAR (measured) = 0.178 W/kg



0 dB = 0.178 W/kg = -7.50 dBW/kg

Test Laboratory: A Test Lab Techno Corp.
Date: 2015/5/7Time: PM 03:28:39

183_Flat_802.11a CH36_6M_side 3 surface to phantom 10mm_Antenna2

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11a (0);Frequency: 5180 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5180 MHz; σ = 5.496 S/m; ε_r = 47.812; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.96, 4.96, 4.96); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (71x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0976 W/kg

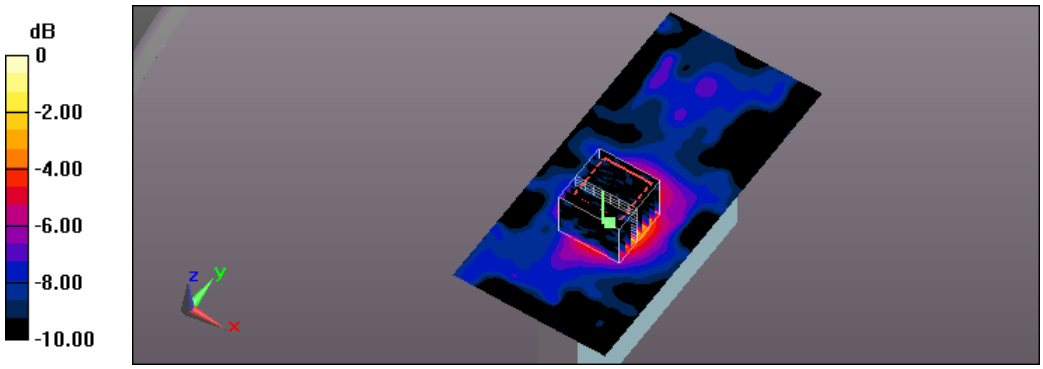
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.274 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.201 W/kg

SAR(1 g) = 0.055 W/kg; SAR(10 g) = 0.026 W/kg

Maximum value of SAR (measured) = 0.0922 W/kg



0 dB = 0.0922 W/kg = -10.35 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/6/18Time: AM 02:39:25

193_Flat_802.11a CH40_6M_side 3 surface to phantom 10mm_Antenna2

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11a (0);Frequency: 5200 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5200 MHz; σ = 5.52 S/m; ε_r = 47.76; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.96, 4.96, 4.96); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (71x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0987 W/kg

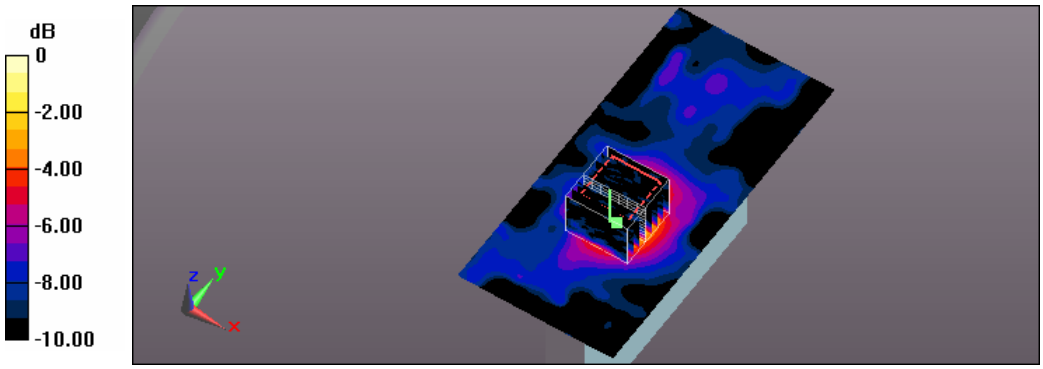
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.288 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.203 W/kg

SAR(1 g) = 0.055 W/kg; SAR(10 g) = 0.026 W/kg

Maximum value of SAR (measured) = 0.0932 W/kg



0 dB = 0.0932 W/kg = -10.31 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/6/17Time: PM 07:50:58

194_Flat_802.11a CH149_6M_side 3 surface to phantom 10mm_Antenna2

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11a (0);Frequency: 5745 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5745 MHz; σ = 6.194 S/m; ε_r = 46.549; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.35, 4.35, 4.35); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (71x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.333 W/kg

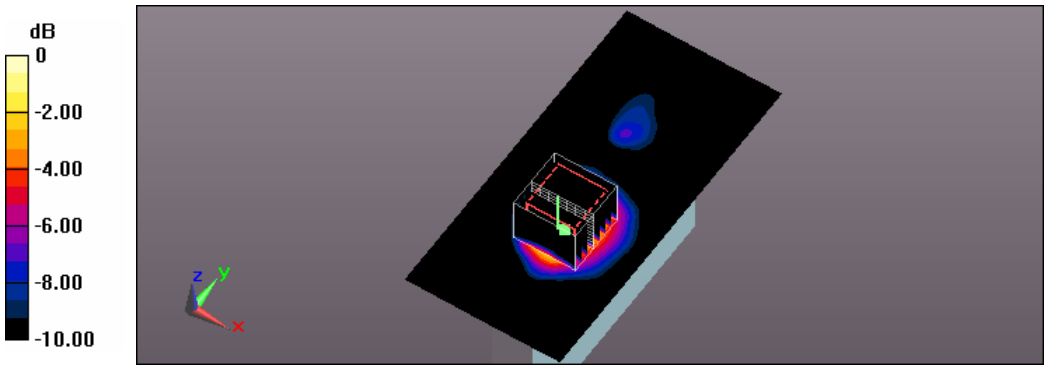
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 7.086 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.744 W/kg

SAR(1 g) = 0.167 W/kg; SAR(10 g) = 0.068 W/kg

Maximum value of SAR (measured) = 0.309 W/kg



0 dB = 0.309 W/kg = -5.10 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/6/18Time: AM 03:44:34

195_Flat_802.11a CH153_6M_side 3 surface to phantom 10mm_Antenna2

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11a (0);Frequency: 5765 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5765 MHz; σ = 6.228 S/m; ε_r = 46.498; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.35, 4.35, 4.35); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (71x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.337 W/kg

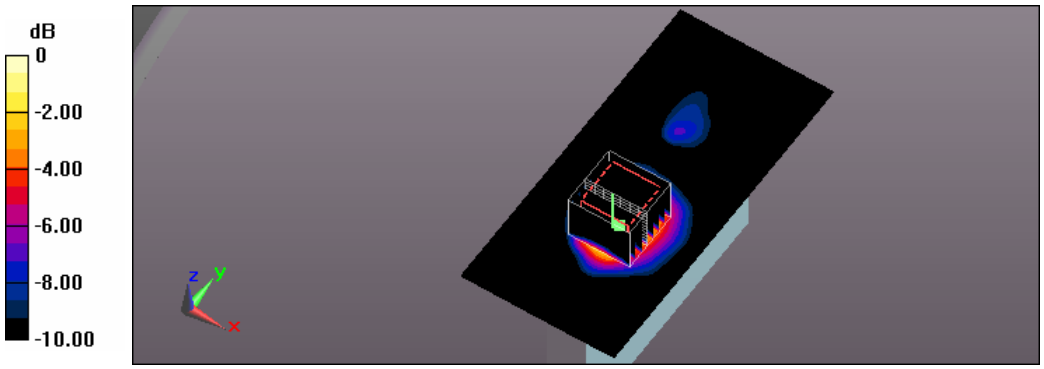
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 7.109 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.752 W/kg

SAR(1 g) = 0.169 W/kg; SAR(10 g) = 0.069 W/kg

Maximum value of SAR (measured) = 0.313 W/kg



0 dB = 0.313 W/kg = -5.04 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/6/18Time: AM 04:57:48

196_Flat_802.11n_HT20 CH36_6.5M_side 1 surface to phantom 10mm_Antenna1

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11n(5GHz)HT20 (0);Frequency: 5180 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5180 MHz; σ = 5.496 S/m; ε_r = 47.812; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.96, 4.96, 4.96); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (91x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0864 W/kg

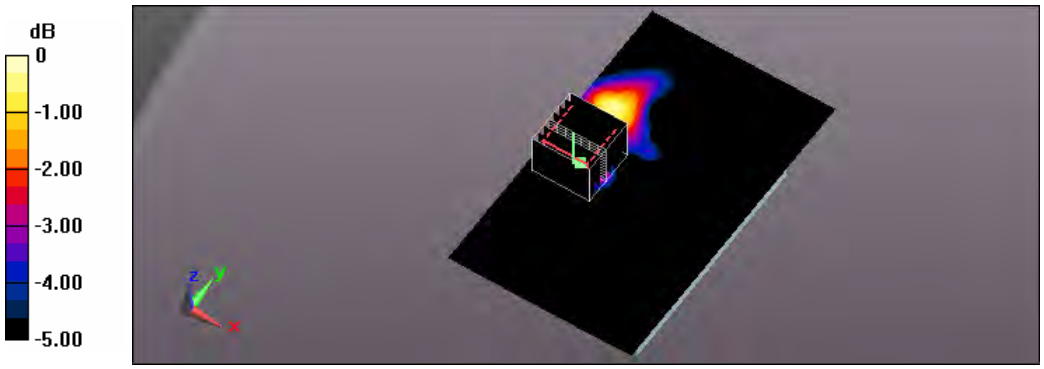
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.002 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.170 W/kg

SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.022 W/kg

Maximum value of SAR (measured) = 0.0795 W/kg



0 dB = 0.0795 W/kg = -11.00 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/5/6Time: PM 11:51:26

172_Flat_802.11n_HT20 CH40_6.5M_side 1 surface to phantom 10mm_Antenna1

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11n(5GHz)HT20 (0);Frequency: 5200 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5200 MHz; σ = 5.52 S/m; ε_r = 47.76; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.96, 4.96, 4.96); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (91x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0874 W/kg

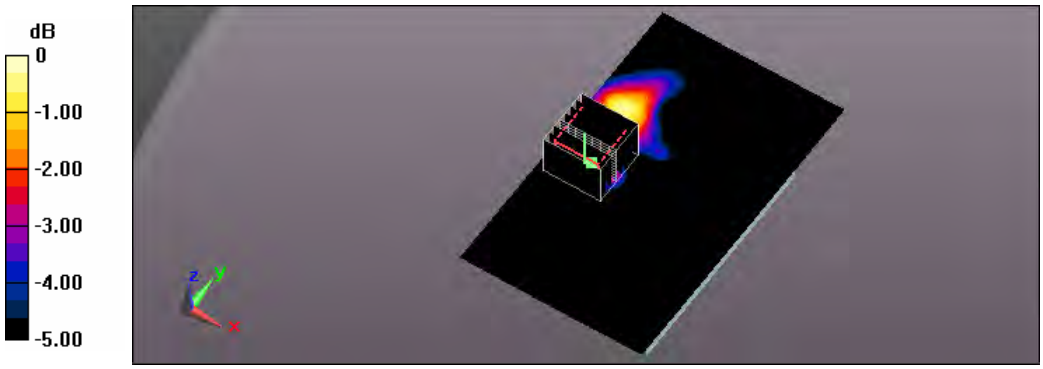
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.015 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.172 W/kg

SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.022 W/kg

Maximum value of SAR (measured) = 0.0803 W/kg



0 dB = 0.0803 W/kg = -10.95 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/6/18Time: PM 01:36:55

197_Flat_802.11n_HT20 CH157_6.5M_side 1 surface to phantom 10mm_Antenna1

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11n(5GHz)HT20 (0);Frequency: 5785 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5785 MHz; σ = 6.252 S/m; ε_r = 46.442; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.35, 4.35, 4.35); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (91x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.150 W/kg

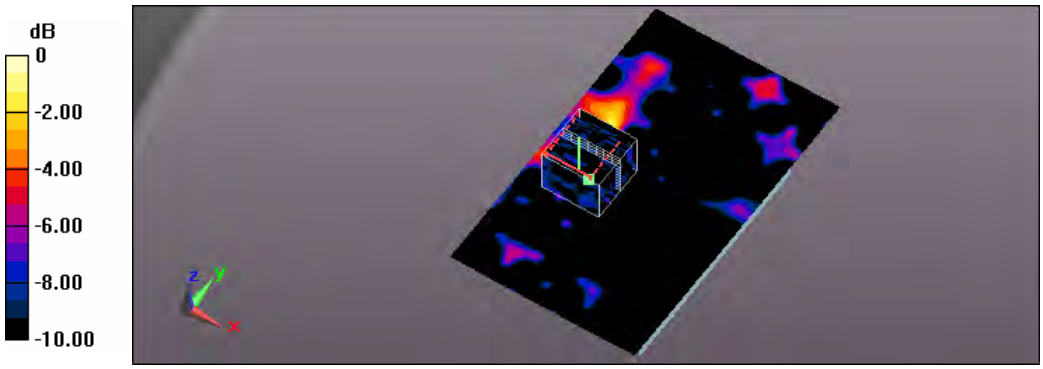
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.390 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.239 W/kg

SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.019 W/kg

Maximum value of SAR (measured) = 0.0800 W/kg



0 dB = 0.0800 W/kg = -10.97 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/6/18Time: PM 02:42:37

198_Flat_802.11n_HT20 CH161_6.5M_side 1 surface to phantom 10mm_Antenna1

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11n(5GHz)HT20 (0);Frequency: 5805 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5805 MHz; σ = 6.272 S/m; ε_r = 46.395; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.35, 4.35, 4.35); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (91x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.152 W/kg

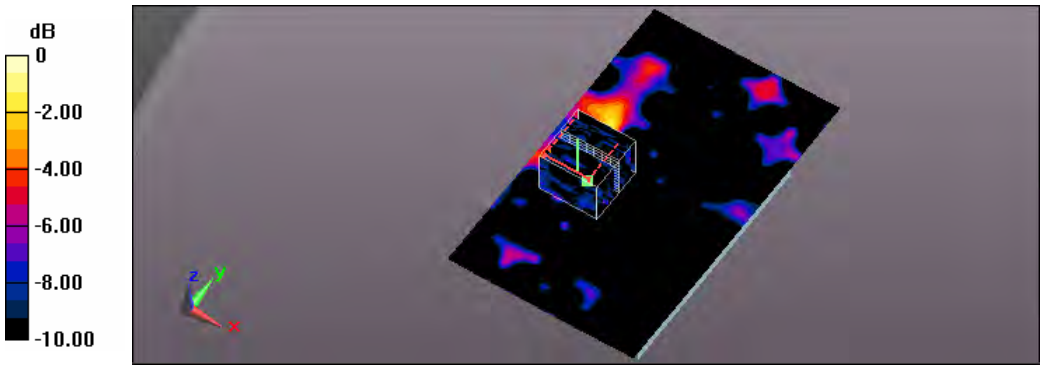
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.401 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.241 W/kg

SAR(1 g) = 0.047 W/kg; SAR(10 g) = 0.019 W/kg

Maximum value of SAR (measured) = 0.0807 W/kg



0 dB = 0.0807 W/kg = -10.93 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/6/18Time: AM 05:51:31

199_Flat_802.11n_HT20 CH36_6.5M_side 3 surface to phantom 10mm_Antenna1

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11n(5GHz)HT20 (0);Frequency: 5180 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5180 MHz; σ = 5.496 S/m; ε_r = 47.812; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.96, 4.96, 4.96); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (71x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.121 W/kg

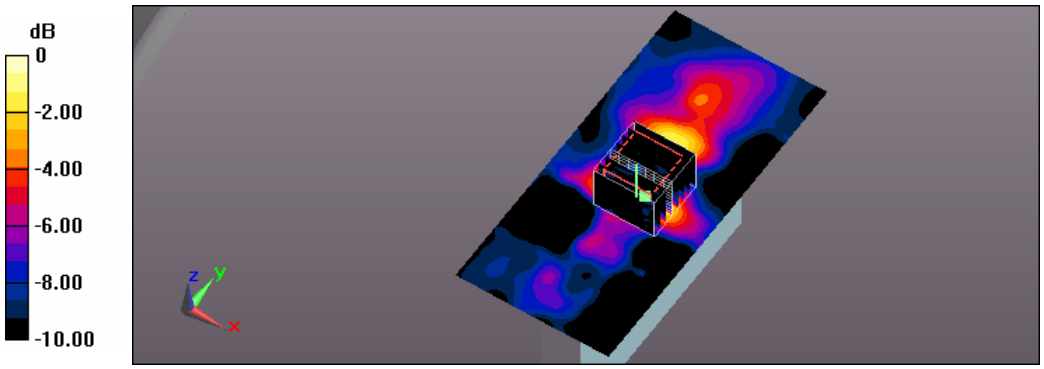
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.815 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.257 W/kg

SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.028 W/kg

Maximum value of SAR (measured) = 0.110 W/kg



0 dB = 0.110 W/kg = -9.59 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/5/7Time: AM 12:49:43

173_Flat_802.11n_HT20 CH40_6.5M_side 3 surface to phantom 10mm_Antenna1

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11n(5GHz)HT20 (0);Frequency: 5200 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5200 MHz; σ = 5.52 S/m; ε_r = 47.76; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.96, 4.96, 4.96); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (71x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.122 W/kg

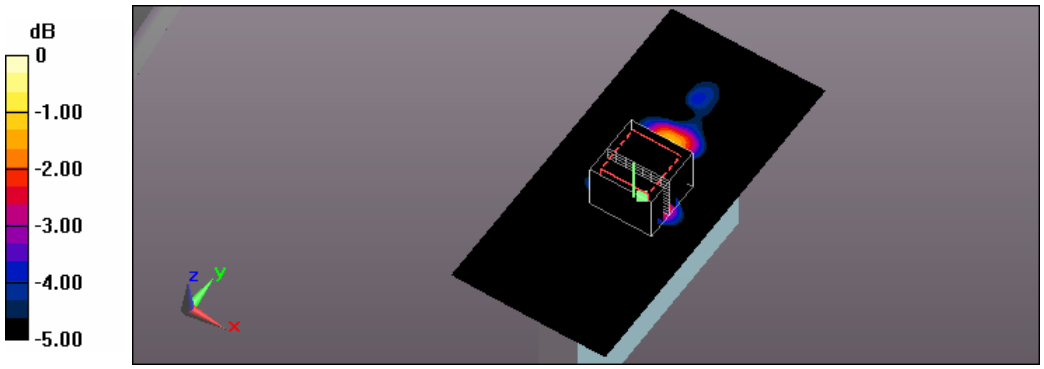
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.831 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.260 W/kg

SAR(1 g) = 0.065 W/kg; SAR(10 g) = 0.028 W/kg

Maximum value of SAR (measured) = 0.111 W/kg



0 dB = 0.111 W/kg = -9.55 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/6/17Time: PM 11:35:02

200_Flat_802.11n_HT20 CH157_6.5M_side 3 surface to phantom 10mm_Antenna1

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11n(5GHz)HT20 (0);Frequency: 5785 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5785 MHz; σ = 6.252 S/m; ε_r = 46.442; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.35, 4.35, 4.35); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (71x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.182 W/kg

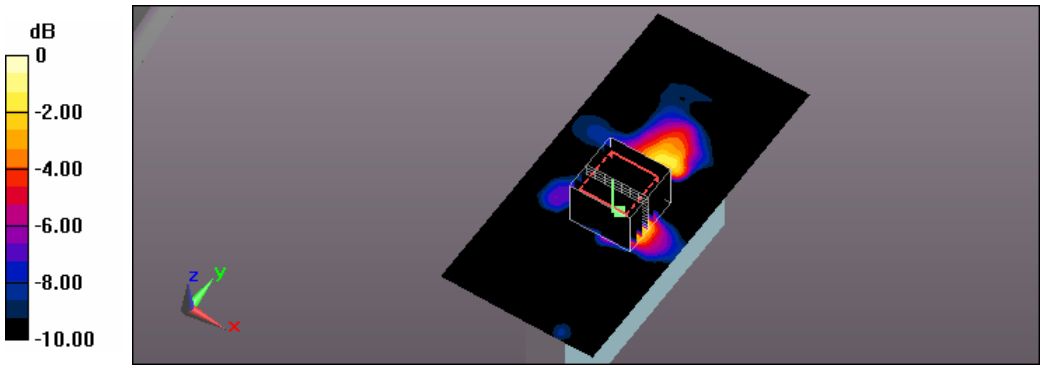
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.867 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.291 W/kg

SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.027 W/kg

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



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

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/6/18Time: AM 07:01:53

201_Flat_802.11n_HT20 CH161_6.5M_side 3 surface to phantom 10mm_Antenna1

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11n(5GHz)HT20 (0);Frequency: 5805 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5805 MHz; σ = 6.272 S/m; ε_r = 46.395; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.35, 4.35, 4.35); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (71x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.184 W/kg

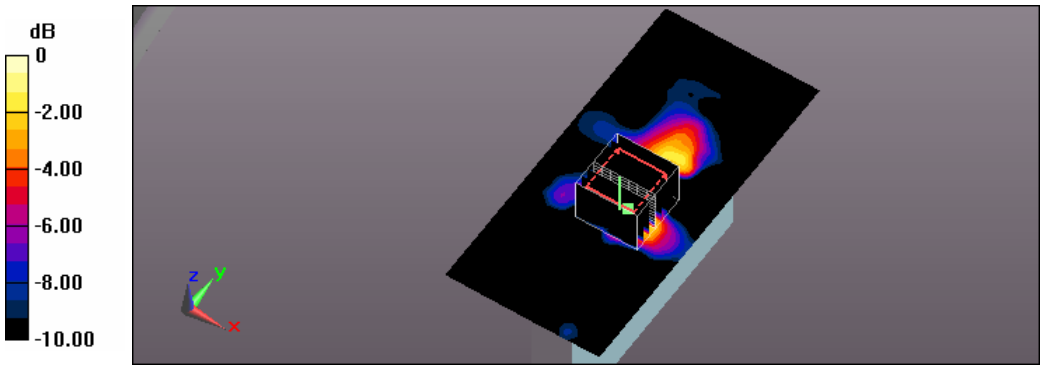
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.883 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.294 W/kg

SAR(1 g) = 0.077 W/kg; SAR(10 g) = 0.027 W/kg

Maximum value of SAR (measured) = 0.154 W/kg



0 dB = 0.154 W/kg = -8.12 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/6/18Time: AM 08:03:11

202_Flat_802.11n_HT20 CH36_6.5M_side 1 surface to phantom 10mm_Antenna2

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11n(5GHz)HT20 (0);Frequency: 5180 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5180 MHz; σ = 5.496 S/m; ε_r = 47.812; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.96, 4.96, 4.96); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (101x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0573 W/kg

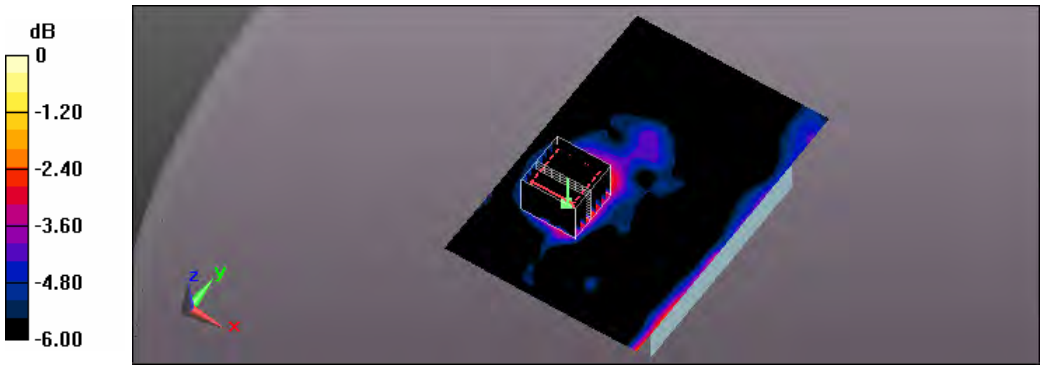
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.438 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.158 W/kg

SAR(1 g) = 0.035 W/kg; SAR(10 g) = 0.019 W/kg

Maximum value of SAR (measured) = 0.0605 W/kg



0 dB = 0.0605 W/kg = -12.18 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/5/7Time: AM 01:35:37

174_Flat_802.11n_HT20 CH40_6.5M_side 1 surface to phantom 10mm_Antenna2

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11n(5GHz)HT20 (0);Frequency: 5200 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5200 MHz; σ = 5.52 S/m; ε_r = 47.76; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.96, 4.96, 4.96); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (101x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0579 W/kg

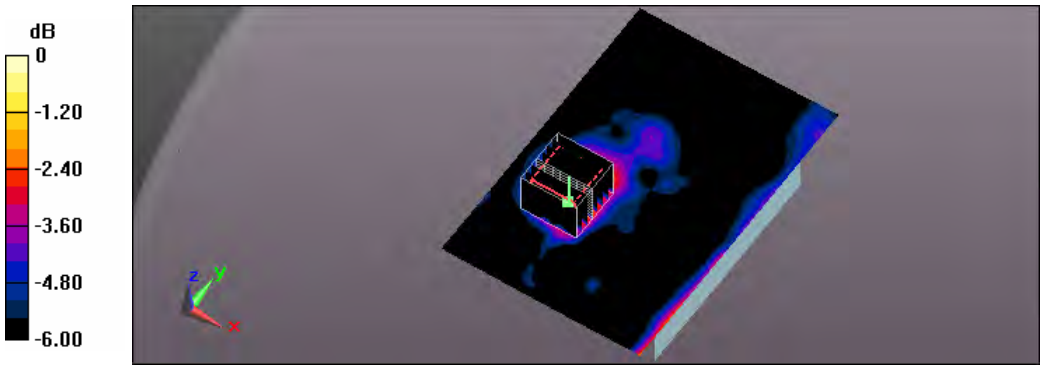
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.449 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.160 W/kg

SAR(1 g) = 0.035 W/kg; SAR(10 g) = 0.019 W/kg

Maximum value of SAR (measured) = 0.0611 W/kg



0 dB = 0.0611 W/kg = -12.14 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/6/17Time: PM 09:36:15

203_Flat_802.11n_HT20 CH157_6.5M_side 1 surface to phantom 10mm_Antenna2

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11n(5GHz)HT20 (0);Frequency: 5785 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5785 MHz; σ = 6.252 S/m; ε_r = 46.442; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.35, 4.35, 4.35); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (91x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.163 W/kg

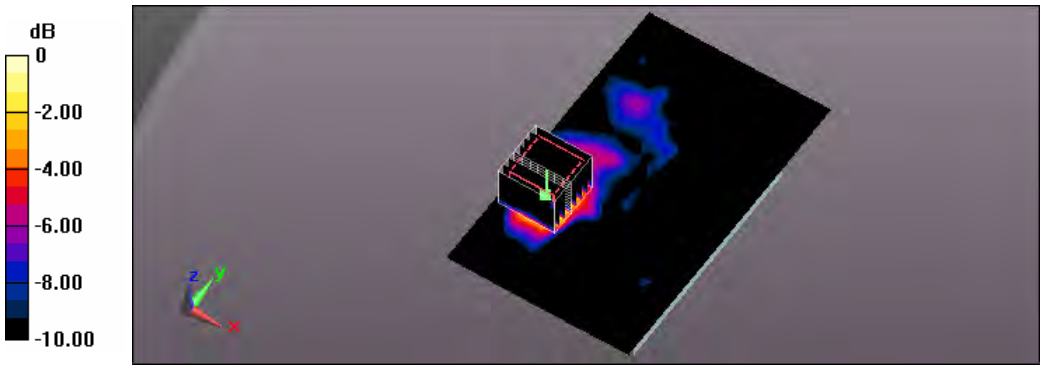
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.141 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.337 W/kg

SAR(1 g) = 0.087 W/kg; SAR(10 g) = 0.038 W/kg

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



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

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/6/18Time: PM 12:39:16

204_Flat_802.11n_HT20 CH161_6.5M_side 1 surface to phantom 10mm_Antenna2

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11n(5GHz)HT20 (0);Frequency: 5805 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5805 MHz; σ = 6.272 S/m; ε_r = 46.395; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.35, 4.35, 4.35); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (91x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

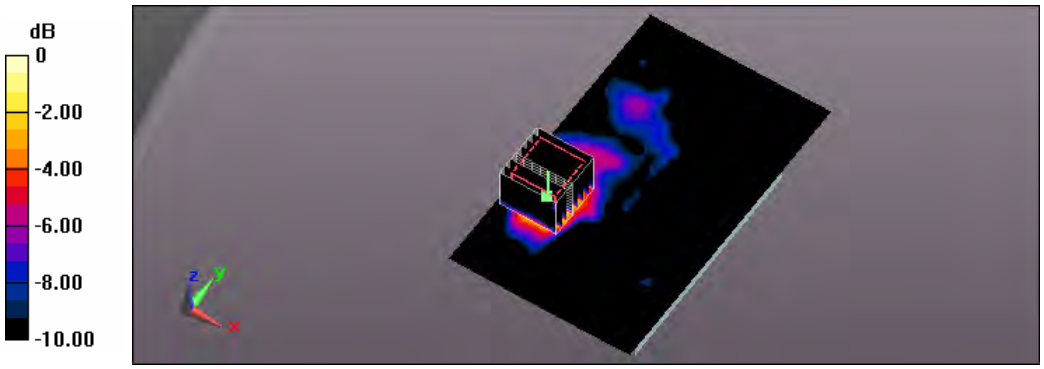
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.157 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.340 W/kg

SAR(1 g) = 0.088 W/kg; SAR(10 g) = 0.038 W/kg

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



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

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/6/18Time: PM 03:46:51

205_Flat_802.11n20 CH36_6.5M_side 3 surface to phantom 10mm_Antenna2

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11n(5GHz)HT20 (0);Frequency: 5180 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5180 MHz; σ = 5.496 S/m; ε_r = 47.812; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.96, 4.96, 4.96); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (71x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0997 W/kg

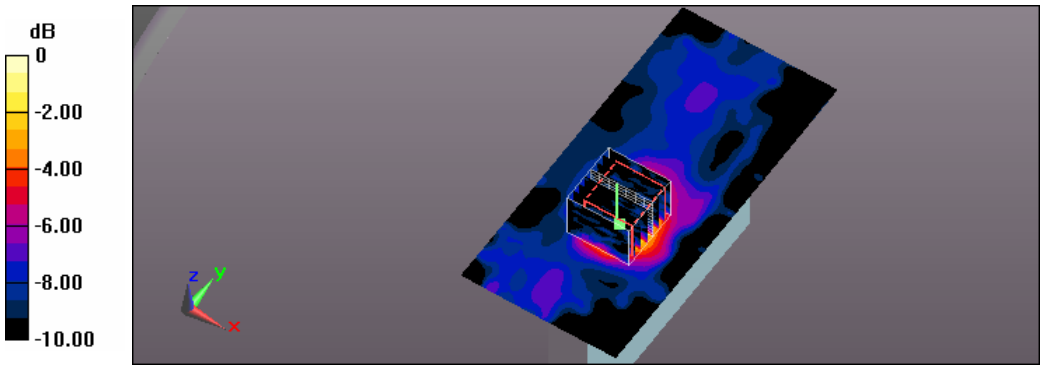
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.128 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.242 W/kg

SAR(1 g) = 0.054 W/kg; SAR(10 g) = 0.026 W/kg

Maximum value of SAR (measured) = 0.0918 W/kg



0 dB = 0.0918 W/kg = -10.37 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/5/7Time: AM 02:24:00

175_Flat_802.11n20 CH40_6.5M_side 3 surface to phantom 10mm_Antenna2

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11n(5GHz)HT20 (0);Frequency: 5200 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5200 MHz; σ = 5.52 S/m; ε_r = 47.76; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.96, 4.96, 4.96); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (71x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.101 W/kg

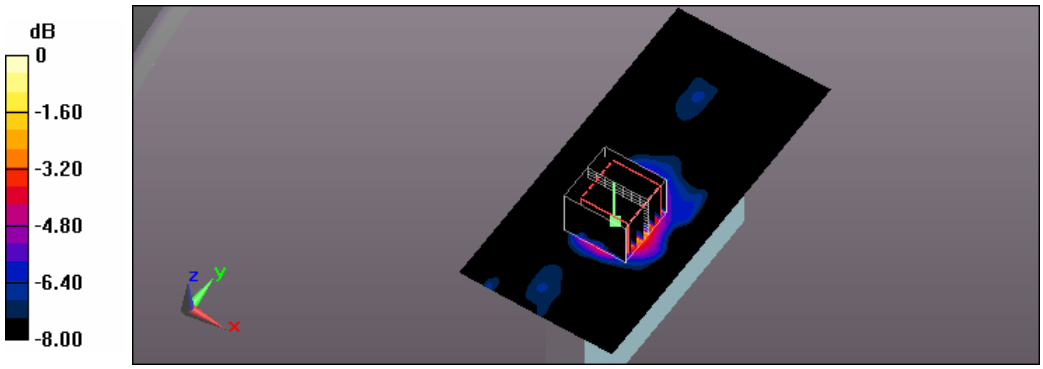
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.142 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.245 W/kg

SAR(1 g) = 0.054 W/kg; SAR(10 g) = 0.026 W/kg

Maximum value of SAR (measured) = 0.0928 W/kg



0 dB = 0.0928 W/kg = -10.32 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/6/17Time: PM 10:18:13

206_Flat_802.11n_HT20 CH157_6.5M_side 3 surface to phantom 10mm_Antenna2

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11n(5GHz)HT20 (0);Frequency: 5785 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5785 MHz; σ = 6.252 S/m; ε_r = 46.442; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.35, 4.35, 4.35); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (71x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.326 W/kg

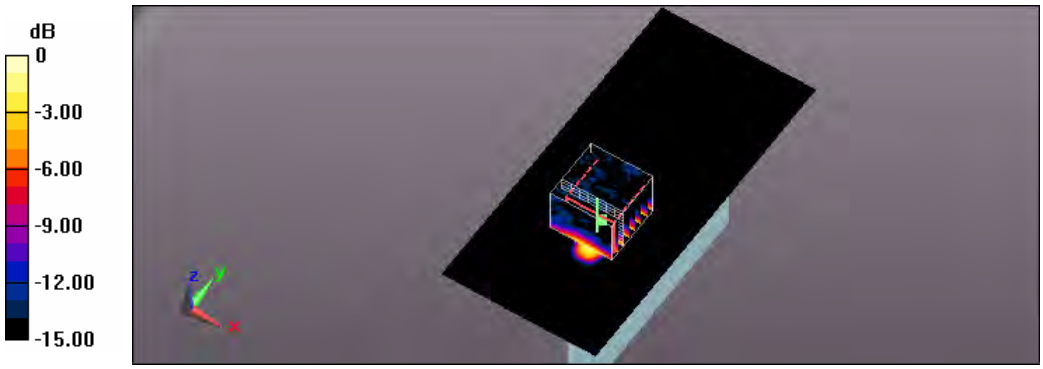
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.474 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.583 W/kg

SAR(1 g) = 0.134 W/kg; SAR(10 g) = 0.056 W/kg

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



0 dB = 0.243 W/kg = -6.14 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/6/18Time: PM 04:53:05

207_Flat_802.11n_HT20 CH161_6.5M_side 3 surface to phantom 10mm_Antenna2

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11n(5GHz)HT20 (0);Frequency: 5805 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5805 MHz; σ = 6.272 S/m; ε_r = 46.395; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.35, 4.35, 4.35); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (71x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.329 W/kg

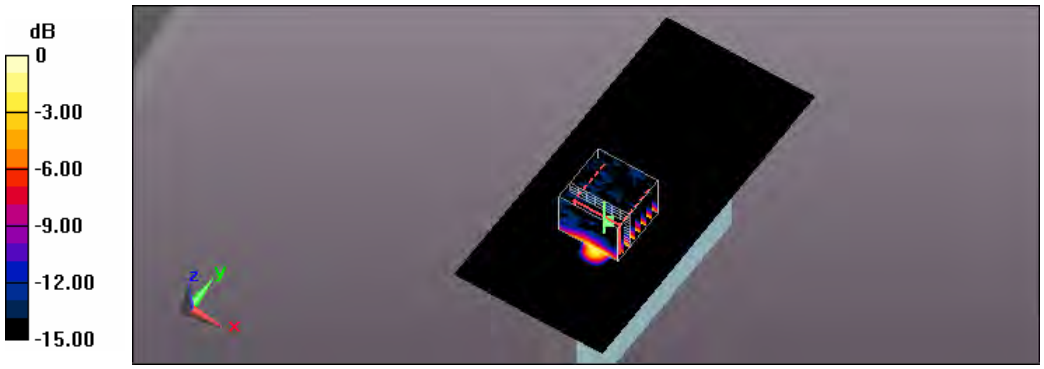
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.495 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.589 W/kg

SAR(1 g) = 0.136 W/kg; SAR(10 g) = 0.056 W/kg

Maximum value of SAR (measured) = 0.245 W/kg



0 dB = 0.245 W/kg = -6.11 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/5/7Time: AM 09:12:07

176_Flat_802.11n_HT40 CH38_13.5M_side 1 surface to phantom 10mm_Antenna1

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11n(5GHz)HT40 (0);Frequency: 5190 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5190 MHz; σ = 5.508 S/m; ε_r = 47.786; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.96, 4.96, 4.96); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (101x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.113 W/kg

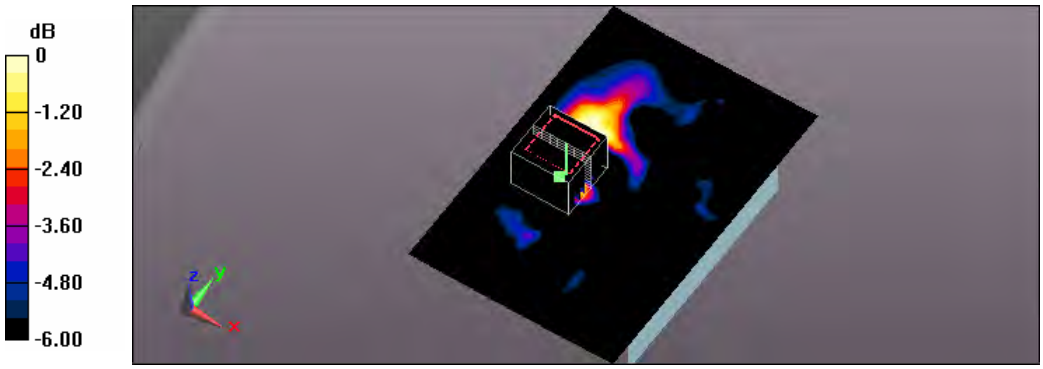
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.710 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.143 W/kg

SAR(1 g) = 0.037 W/kg; SAR(10 g) = 0.019 W/kg

Maximum value of SAR (measured) = 0.0673 W/kg



0 dB = 0.0673 W/kg = -11.72 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/6/18Time: PM 10:48:55

208_Flat_802.11n_HT40 CH46_13.5M_side 1 surface to phantom 10mm_Antenna1

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11n(5GHz)HT40 (0);Frequency: 5230 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5230 MHz; σ = 5.538 S/m; ε_r = 47.682; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.96, 4.96, 4.96); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (101x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.115 W/kg

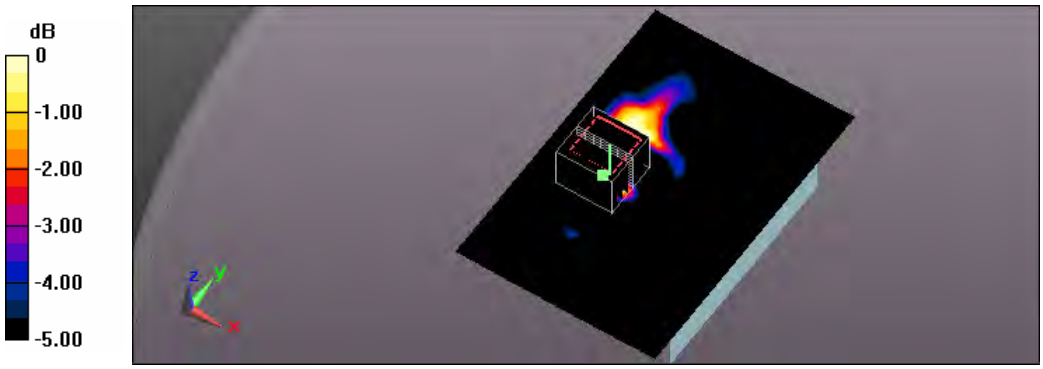
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.734 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.146 W/kg

SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.019 W/kg

Maximum value of SAR (measured) = 0.0686 W/kg



0 dB = 0.0686 W/kg = -11.64 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/6/18Time: AM 11:33:09

209_Flat_802.11n_HT40 CH151_13.5M_side 1 surface to phantom 10mm_Antenna1

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11n(5GHz)HT40 (0);Frequency: 5755 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5755 MHz; σ = 6.216 S/m; ε_r = 46.526; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.35, 4.35, 4.35); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (101x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0873 W/kg

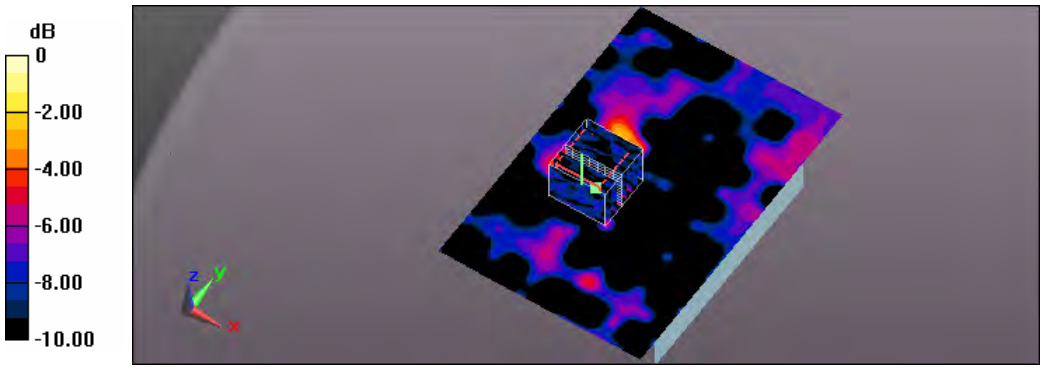
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.279 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.186 W/kg

SAR(1 g) = 0.040 W/kg; SAR(10 g) = 0.018 W/kg

Maximum value of SAR (measured) = 0.0734 W/kg



0 dB = 0.0734 W/kg = -11.34 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/6/18Time: PM 11:53:08

210_Flat_802.11n_HT40 CH159_13.5M_side 1 surface to phantom 10mm_Antenna1

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11n(5GHz)HT40 (0);Frequency: 5795 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5795 MHz; σ = 6.264 S/m; ε_r = 46.414; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.35, 4.35, 4.35); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (101x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0891 W/kg

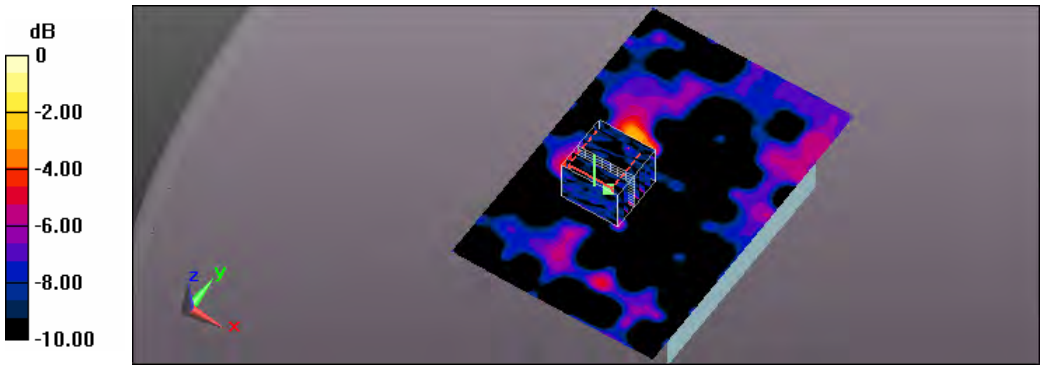
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.301 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.190 W/kg

SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.019 W/kg

Maximum value of SAR (measured) = 0.0749 W/kg



0 dB = 0.0749 W/kg = -11.26 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/5/7Time: AM 10:01:55

177_Flat_802.11n_HT40 CH38_13.5M_side 3 surface to phantom 10mm_Antenna1

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11n(5GHz)HT40 (0);Frequency: 5190 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5190 MHz; σ = 5.508 S/m; ε_r = 47.786; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.96, 4.96, 4.96); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (71x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.116 W/kg

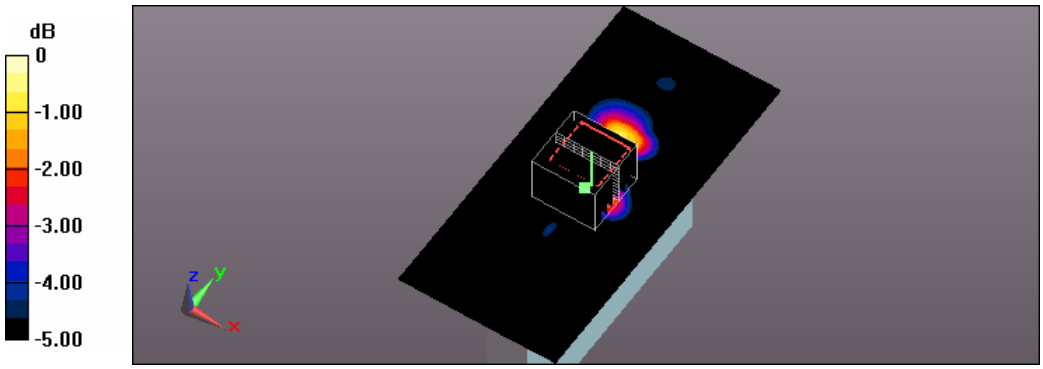
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.368 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.227 W/kg

SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.026 W/kg

Maximum value of SAR (measured) = 0.106 W/kg



0 dB = 0.106 W/kg = -9.75 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/6/19Time: AM 12:48:33

211_Flat_802.11n_HT40 CH46_13.5M_side 3 surface to phantom 10mm_Antenna1

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11n(5GHz)HT40 (0);Frequency: 5230 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5230 MHz; σ = 5.538 S/m; ε_r = 47.682; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.96, 4.96, 4.96); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (71x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.119 W/kg

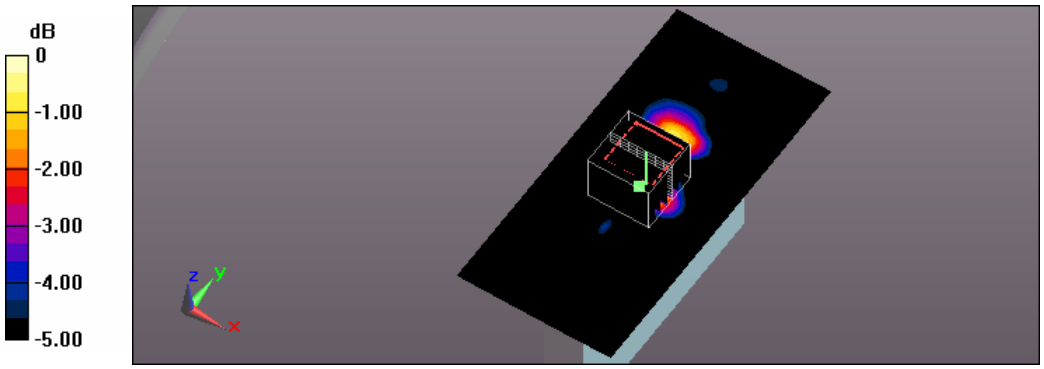
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.397 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.232 W/kg

SAR(1 g) = 0.061 W/kg; SAR(10 g) = 0.026 W/kg

Maximum value of SAR (measured) = 0.108 W/kg



0 dB = 0.108 W/kg = -9.67 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/6/18Time: PM 05:59:18

212_Flat_802.11n_HT40 CH151_13.5M_side 3 surface to phantom 10mm_Antenna1

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11n(5GHz)HT40 (0);Frequency: 5755 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5755 MHz; σ = 6.216 S/m; ε_r = 46.526; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.35, 4.35, 4.35); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (71x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

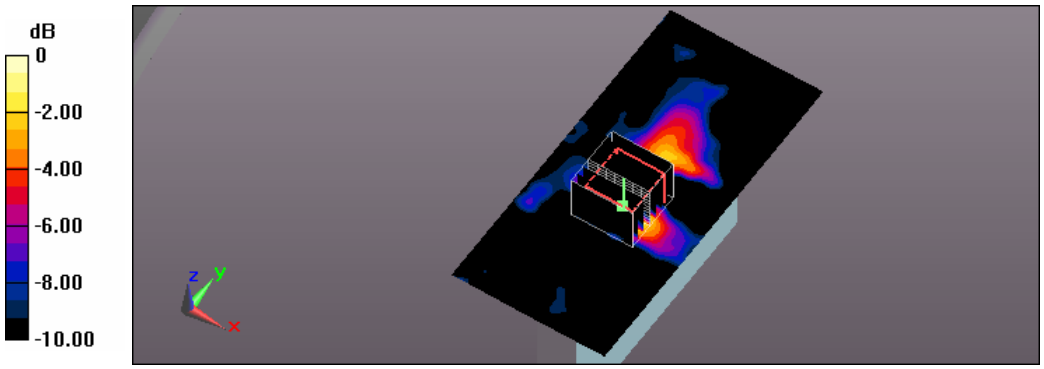
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.781 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.291 W/kg

SAR(1 g) = 0.073 W/kg; SAR(10 g) = 0.028 W/kg

Maximum value of SAR (measured) = 0.141 W/kg



0 dB = 0.141 W/kg = -8.51 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/6/19Time: AM 01:58:27

213_Flat_802.11n_HT40 CH159_13.5M_side 3 surface to phantom 10mm_Antenna1

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11n(5GHz)HT40 (0);Frequency: 5795 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5795 MHz; σ = 6.264 S/m; ε_r = 46.414; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.35, 4.35, 4.35); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (71x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

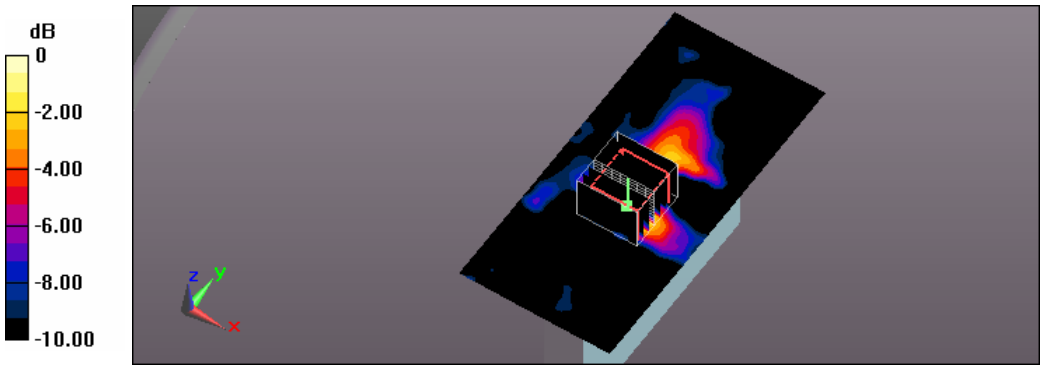
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.813 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.297 W/kg

SAR(1 g) = 0.075 W/kg; SAR(10 g) = 0.029 W/kg

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



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

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/5/7Time: AM 10:50:10

178_Flat_802.11n_HT40 CH38_13.5M_side 1 surface to phantom 10mm_Antenna2

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11n(5GHz)HT40 (0);Frequency: 5190 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5190 MHz; σ = 5.508 S/m; ε_r = 47.786; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.96, 4.96, 4.96); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (101x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0554 W/kg

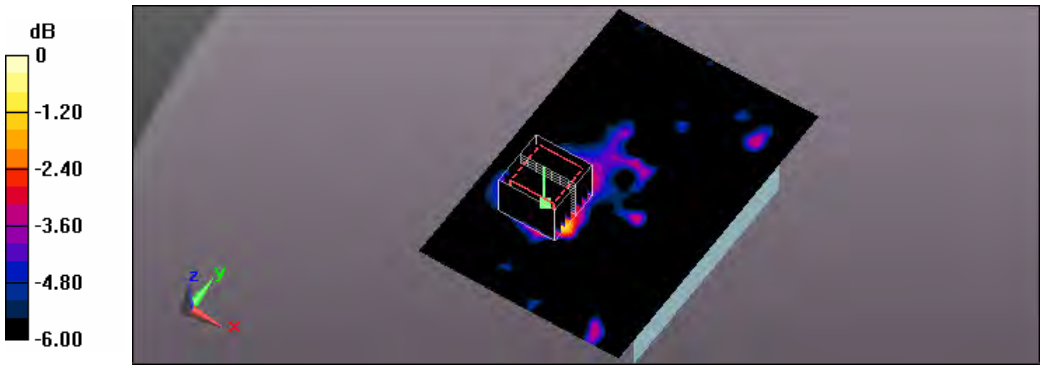
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.377 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.119 W/kg

SAR(1 g) = 0.032 W/kg; SAR(10 g) = 0.017 W/kg

Maximum value of SAR (measured) = 0.0567 W/kg



0 dB = 0.0567 W/kg = -12.46 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/6/19Time: AM 03:19:23

214_Flat_802.11n_HT40 CH46_13.5M_side 1 surface to phantom 10mm_Antenna2

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11n(5GHz)HT40 (0);Frequency: 5230 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5230 MHz; σ = 5.538 S/m; ε_r = 47.682; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.96, 4.96, 4.96); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (101x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0564 W/kg

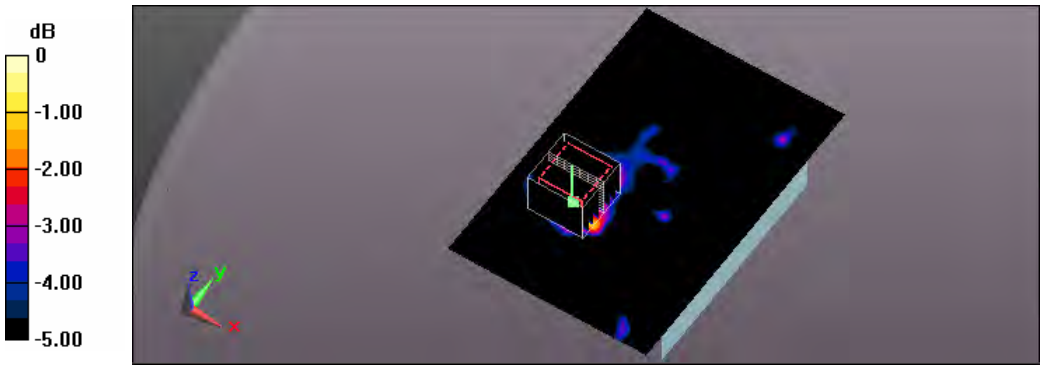
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.399 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.121 W/kg

SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.018 W/kg

Maximum value of SAR (measured) = 0.0578 W/kg



0 dB = 0.0578 W/kg = -12.38 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/6/18Time: PM 06:07:41

215_Flat_802.11n_HT40 CH151_13.5M_side 1 surface to phantom 10mm_Antenna2

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11n(5GHz)HT40 (0);Frequency: 5755 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5755 MHz; σ = 6.216 S/m; ε_r = 46.526; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.35, 4.35, 4.35); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (101x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.134 W/kg

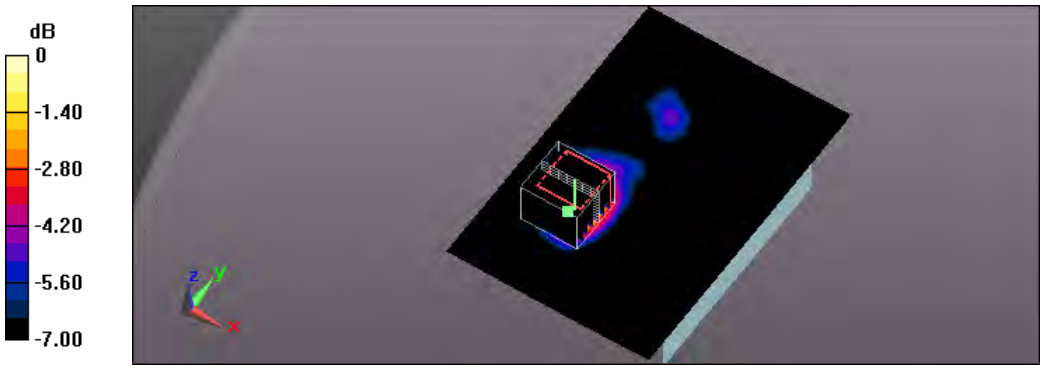
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.852 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.344 W/kg

SAR(1 g) = 0.078 W/kg; SAR(10 g) = 0.036 W/kg

Maximum value of SAR (measured) = 0.138 W/kg



0 dB = 0.138 W/kg = -8.60 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/6/19Time: AM 06:27:16

216_Flat_802.11n_HT40 CH159_13.5M_side 1 surface to phantom 10mm_Antenna2

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11n(5GHz)HT40 (0);Frequency: 5795 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5795 MHz; σ = 6.264 S/m; ε_r = 46.414; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.35, 4.35, 4.35); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (101x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.137 W/kg

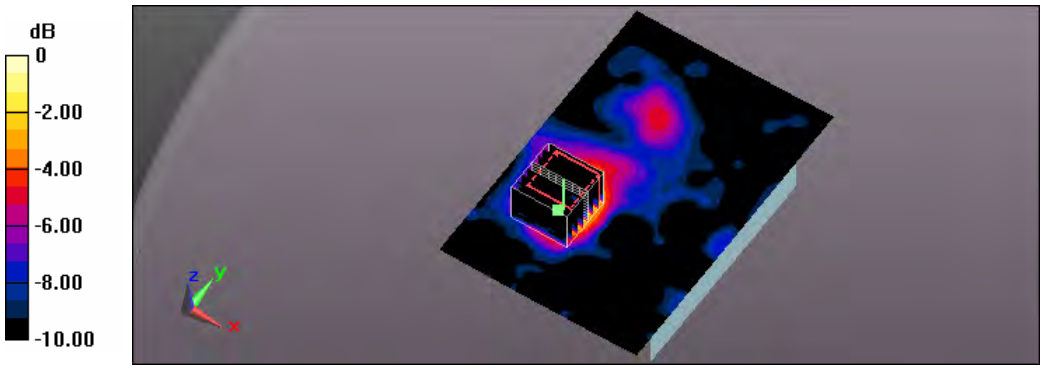
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.884 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.352 W/kg

SAR(1 g) = 0.079 W/kg; SAR(10 g) = 0.037 W/kg

Maximum value of SAR (measured) = 0.141 W/kg



0 dB = 0.141 W/kg = -8.51 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/5/7Time: AM 11:38:29

179_Flat_802.11n_HT40 CH38_13.5M_side 3 surface to phantom 10mm_Antenna2

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11n(5GHz)HT40 (0);Frequency: 5190 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5190 MHz; σ = 5.508 S/m; ε_r = 47.786; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.96, 4.96, 4.96); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (71x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0885 W/kg

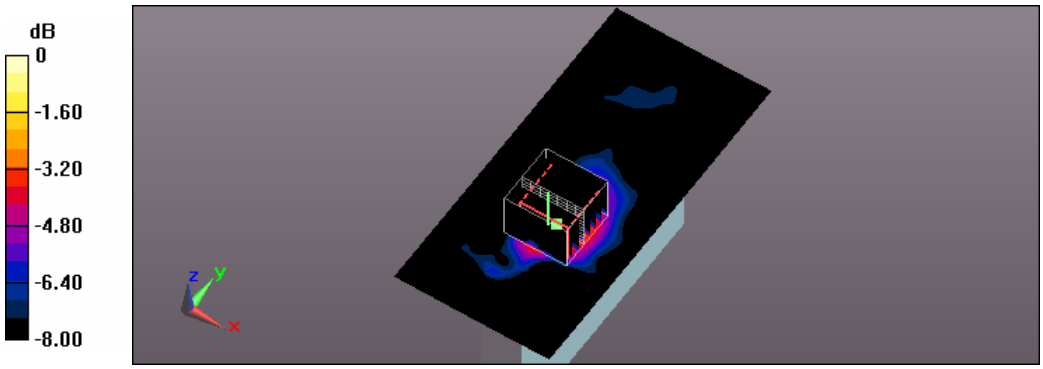
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.814 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.151 W/kg

SAR(1 g) = 0.048 W/kg; SAR(10 g) = 0.022 W/kg

Maximum value of SAR (measured) = 0.0894 W/kg



0 dB = 0.0894 W/kg = -10.49 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/6/19Time: AM 07:39:21

217_Flat_802.11n_HT40 CH46_13.5M_side 3 surface to phantom 10mm_Antenna2

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11n(5GHz)HT40 (0);Frequency: 5230 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5230 MHz; σ = 5.538 S/m; ε_r = 47.682; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.96, 4.96, 4.96); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (71x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0901 W/kg

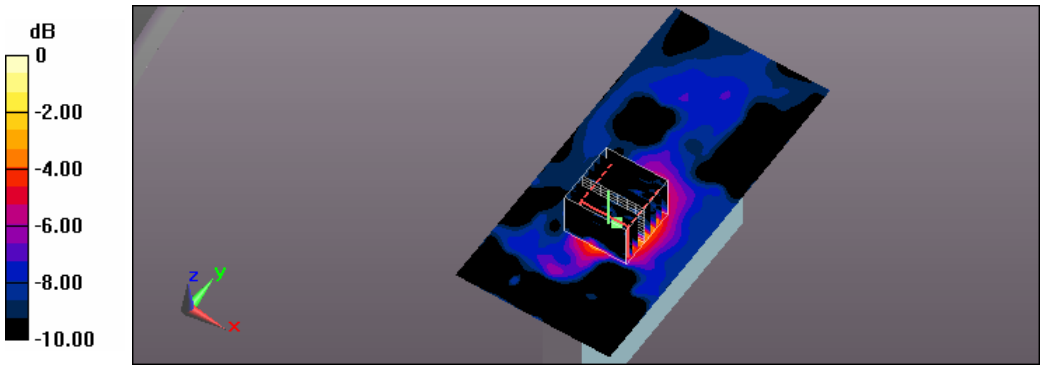
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.839 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.154 W/kg

SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.022 W/kg

Maximum value of SAR (measured) = 0.0911 W/kg



0 dB = 0.0911 W/kg = -10.40 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/6/18Time: PM 07:05:07

218_Flat_802.11n_HT40 CH151_13.5M_side 3 surface to phantom 10mm_Antenna2

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11n(5GHz)HT40 (0);Frequency: 5755 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5755 MHz; σ = 6.216 S/m; ε_r = 46.526; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.35, 4.35, 4.35); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (71x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.245 W/kg

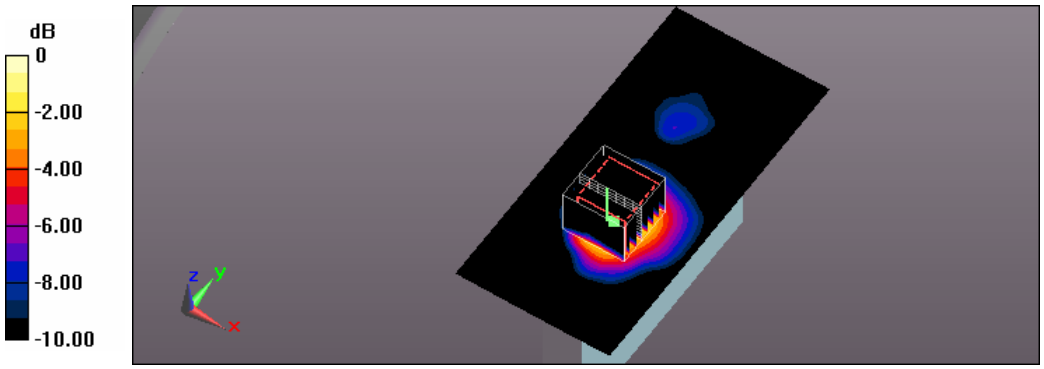
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.176 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.607 W/kg

SAR(1 g) = 0.128 W/kg; SAR(10 g) = 0.055 W/kg

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



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

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/6/19Time: AM 08:32:05

219_Flat_802.11n_HT40 CH159_13.5M_side 3 surface to phantom 10mm_Antenna2

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11n(5GHz)HT40 (0);Frequency: 5795 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5795 MHz; σ = 6.264 S/m; ε_r = 46.414; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.35, 4.35, 4.35); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (71x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

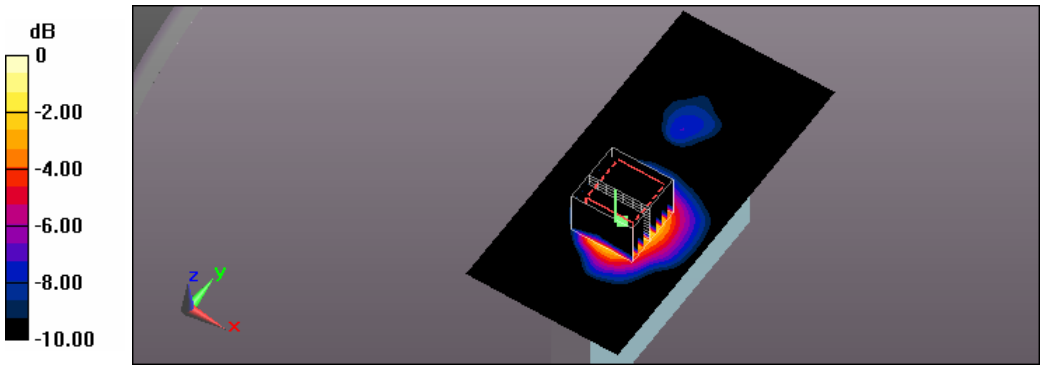
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 6.216 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.619 W/kg

SAR(1 g) = 0.130 W/kg; SAR(10 g) = 0.056 W/kg

Maximum value of SAR (measured) = 0.234 W/kg



0 dB = 0.234 W/kg = -6.31 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/5/6Time: PM 06:37:21

160_Flat_802.11ac CH42_29.3M_side 1 surface to phantom 10mm_Antenna1

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11ac (0);Frequency: 5210 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5210 MHz; σ = 5.526 S/m; ε_r = 47.734; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.96, 4.96, 4.96); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (91x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0748 W/kg

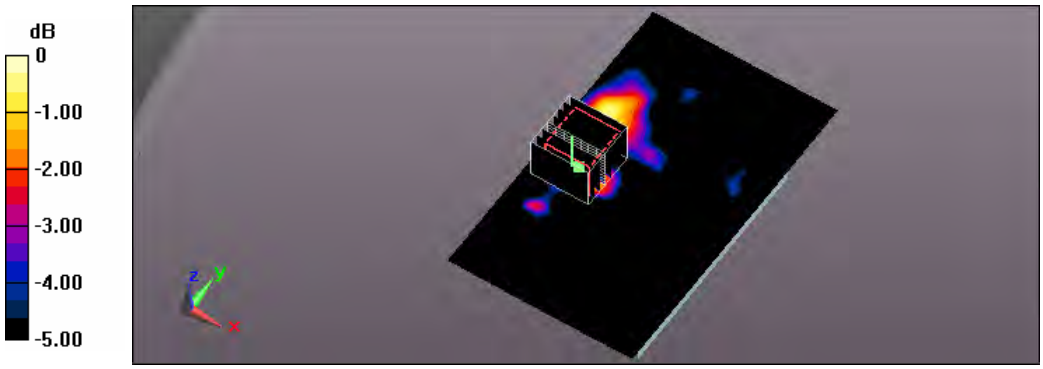
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.866 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.156 W/kg

SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.019 W/kg

Maximum value of SAR (measured) = 0.0694 W/kg



0 dB = 0.0694 W/kg = -11.59 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/6/18Time: PM 08:17:51

220_Flat_802.11ac CH155_29.3M_side 1 surface to phantom 10mm_Antenna1

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11ac (0);Frequency: 5775 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5775 MHz; σ = 6.24 S/m; ε_r = 46.47; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.35, 4.35, 4.35); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (91x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.105 W/kg

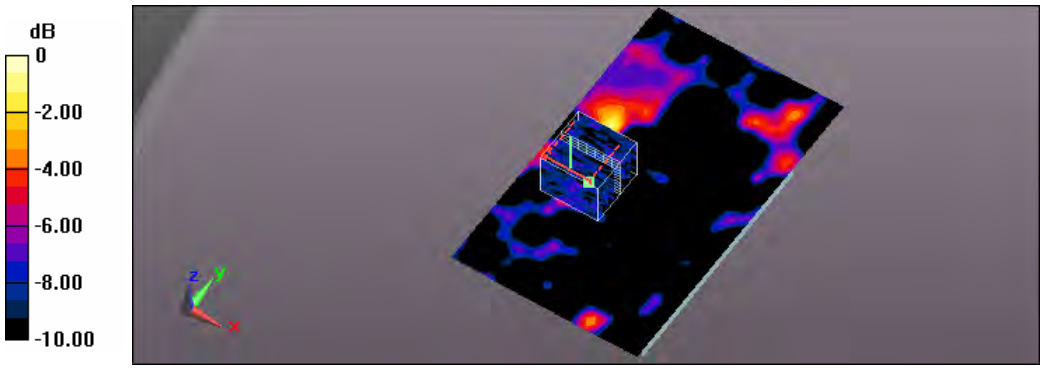
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.336 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.165 W/kg

SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.017 W/kg

Maximum value of SAR (measured) = 0.0670 W/kg



0 dB = 0.0670 W/kg = -11.74 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/5/6Time: PM 08:39:23

162_Flat_802.11ac CH42_29.3M_side 3 surface to phantom 10mm_Antenna1

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11ac (0);Frequency: 5210 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5210 MHz; σ = 5.526 S/m; ε_r = 47.734; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.96, 4.96, 4.96); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (71x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0904 W/kg

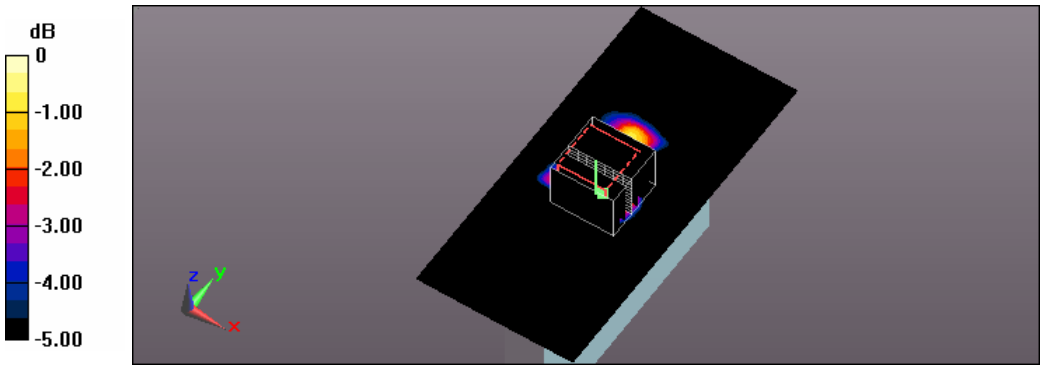
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.317 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.183 W/kg

SAR(1 g) = 0.050 W/kg; SAR(10 g) = 0.022 W/kg

Maximum value of SAR (measured) = 0.0909 W/kg



0 dB = 0.0909 W/kg = -10.41 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/6/18Time: PM 09:29:16

221_Flat_802.11ac CH155_29.3M_side 3 surface to phantom 10mm_Antenna1

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11ac (0);Frequency: 5775 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5775 MHz; σ = 6.24 S/m; ε_r = 46.47; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.35, 4.35, 4.35); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (71x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.127 W/kg

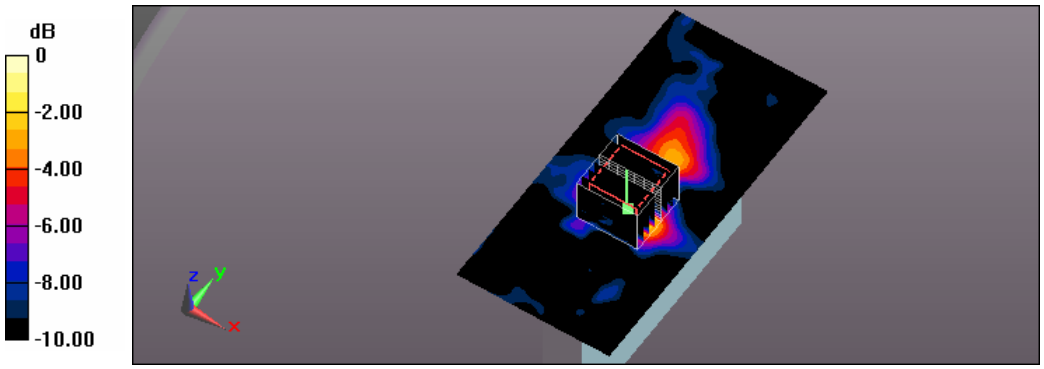
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.588 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.380 W/kg

SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.030 W/kg

Maximum value of SAR (measured) = 0.132 W/kg



0 dB = 0.132 W/kg = -8.79 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/5/6Time: PM 09:42:11

170_Flat_802.11ac CH42_29.3M_side 1 surface to phantom 10mm_Antenna2

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11ac (0);Frequency: 5210 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5210 MHz; σ = 5.526 S/m; ε_r = 47.734; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.96, 4.96, 4.96); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (91x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0491 W/kg

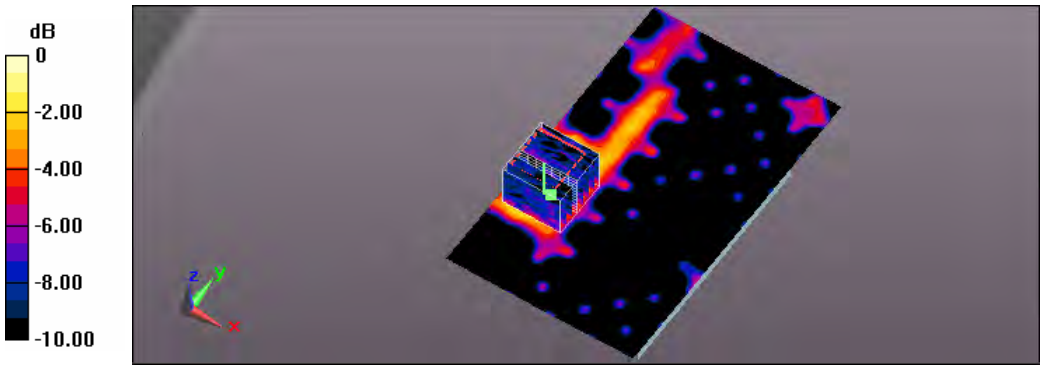
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.974 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.0890 W/kg

SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.012 W/kg

Maximum value of SAR (measured) = 0.0519 W/kg



0 dB = 0.0519 W/kg = -12.85 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/6/19Time: AM 04:16:16

222_Flat_802.11ac CH155_29.3M_side 1 surface to phantom 10mm_Antenna2

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11ac (0);Frequency: 5775 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5775 MHz; σ = 6.24 S/m; ε_r = 46.47; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.35, 4.35, 4.35); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (91x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

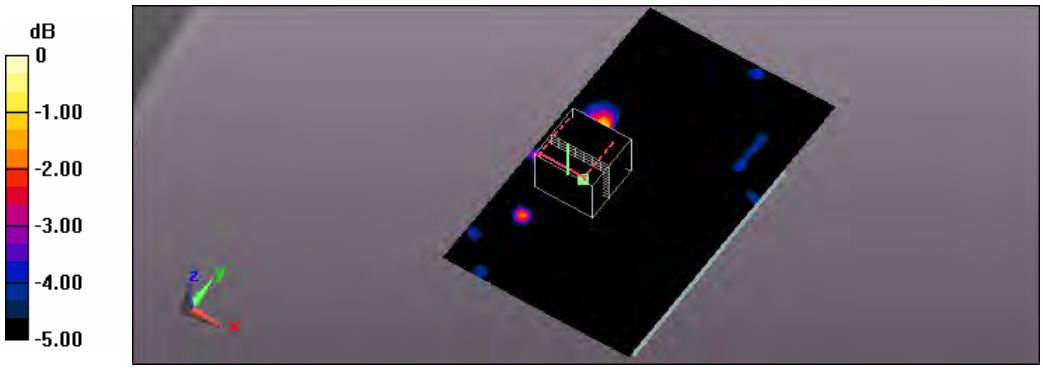
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.497 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.138 W/kg

SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.018 W/kg

Maximum value of SAR (measured) = 0.0666 W/kg



0 dB = 0.0666 W/kg = -11.77 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/5/6Time: PM 10:47:03

171_Flat_802.11ac CH42_29.3M_side 3 surface to phantom 10mm_Antenna2

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11ac (0);Frequency: 5210 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5210 MHz; σ = 5.526 S/m; ε_r = 47.734; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.96, 4.96, 4.96); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (71x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.0873 W/kg

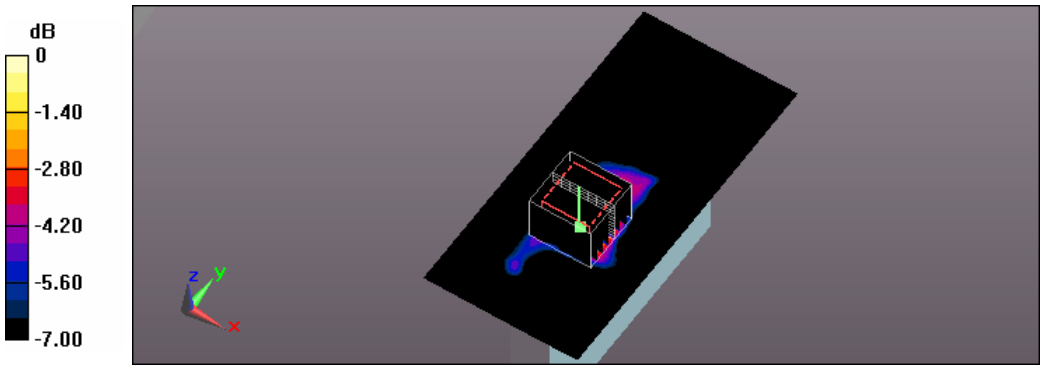
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.697 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.158 W/kg

SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.020 W/kg

Maximum value of SAR (measured) = 0.0816 W/kg



0 dB = 0.0816 W/kg = -10.88 dBW/kg

Test Laboratory: A Test Lab Techno Corp.

Date: 2015/6/19Time: AM 05:23:49

223_Flat_802.11ac CH155_29.3M_side 3 surface to phantom 10mm_Antenna2

DUT: AC791L;Type: Mobile Hot Spot;Serial: 359071060001045

Communication System: UID 0, IEEE 802.11ac (0);Frequency: 5775 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5775 MHz; σ = 6.24 S/m; ε_r = 46.47; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847;ConvF(4.35, 4.35, 4.35); Calibrated: 2015/1/30;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2015/2/3
- Phantom: ELI v5.0;Type: QDOVA002AA;Serial: TP:1133
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Flat/Area Scan (71x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.142 W/kg

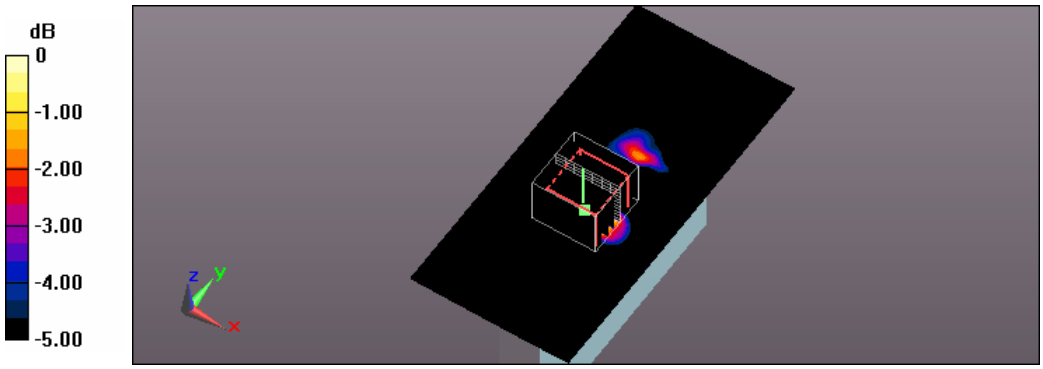
Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.698 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.416 W/kg

SAR(1 g) = 0.073 W/kg; SAR(10 g) = 0.029 W/kg

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



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