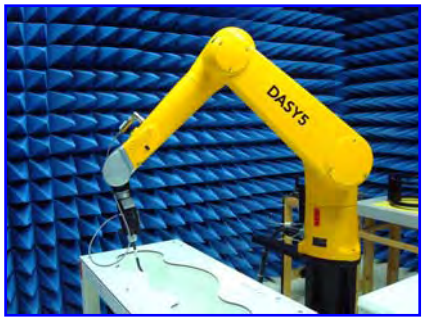
A Test Lab Techno Corp.

Changan Lab：No. 140 -1, Changan Street, Bade City, Taoyuan County, Taiwan R.O.C.
Tel：886-3-271-0188 / Fax：886-3-271-0190

SAR EVALUATION REPORT

Test Report No.	:	1510FS11-01
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 Hotspot
Trade Name	:	NETGEAR
Model Number	:	AC810S-300
Date of Received	:	Jul. 13, 2015
Test Period	:	Jul. 16 ~ Sep. 24, 2015
Date of Issued	:	Nov. 24., 2015
Test Environment	:	Ambient Temperature： 22 ±2 ° C Relative Humidity：40 - 70 %
Standard	:	ANSI/IEEE C95.1-1999 / IEEE Std. 1528-2013 KDB 865664 D01 v01r04 / KDB 865664 D02 v01r01 KDB 447498 D01 v05r02 / KDB 941225 D01 v03 KDB 941225 D05 v02r03 / KDB 941225 D06 v02 KDB 248227 D01 v02r01
Test Lab Location	:	Chang-an Lab



1. The test operations have to be performed with cautious behavior, the test results are as attached.
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.
3. The measurement report has to be written approval of A Test Lab Techno Corp. It may only be reproduced or published in full. This report shall not be reproduced except in full, without the written approval of A Test Lab Techno Corp. The test results in the report only apply to the tested sample.

Approved By : Bill Hu (Bill Hu)

Tested By : Sky Chou (Sky Chou)

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Contents

1. *Summary of Maximum Reported SAR Value* 4
2. *Description of Equipment under Test (EUT)* 5
3. *Introduction* 7
   - 3.1 SAR Definition 7
4. *SAR Measurement Setup* 8
   - 4.1 DASY E-Field Probe System 9
   - 4.1.1 E-Field Probe Specification 10
   - 4.1.2 E-Field Probe Calibration process 11
   - 4.2 Data Acquisition Electronic (DAE) System 12
   - 4.3 Robot 12
   - 4.4 Measurement Server 12
   - 4.5 Device Holder 13
   - 4.6 Oval Flat Phantom - ELI 4.0 13
   - 4.7 Data Storage and Evaluation 14
   - 4.7.1 Data Storage 14
   - 4.7.2 Data Evaluation 15
5. *Tissue Simulating Liquids* 17
   - 5.1 Ingredients 18
   - 5.2 Recipes 18
   - 5.3 Liquid Depth 19
6. *SAR Testing with RF Transmitters* 20
   - 6.1 SAR Testing with WCDMA Transmitters 20
   - 6.2 SAR Testing with HSDPA Transmitters 20
   - 6.3 SAR Testing with CDMA2000 Transmitters 23
   - 6.4 SAR Testing with LTE-FDD Transmitters 24
   - 6.5 SAR Testing with LTE-TDD Transmitters 25
   - 6.6 LTE Frequency range and channel bandwidth 26
   - 6.6.1 Maximum power reduction (MPR) 30
   - 6.7 Power reduction 30
   - 6.8 SAR Testing with 802.11 Transmitters 31
   - 6.9 Conducted Power 32
   - 6.10 Antenna location 74
   - 6.11 Stand-alone SAR Evaluate 78
   - 6.12 Simultaneous Transmitting Evaluate 92
   - 6.12.1 Estimated SAR 92
   - 6.12.2 Sum of 1-g SAR of all simultaneously transmitting 94
   - 6.12.3 SAR to peak location separation ratio (SPLSR) 97
   - 6.13 SAR test reduction according to KDB 102
7. *System Verification and Validation* 104
   - 7.1 Symmetric Dipoles for System Verification 104
   - 7.2 Liquid Parameters 105
   - 7.3 Verification Summary 109
   - 7.4 Validation Summary 111
8. *Test Equipment List* 112

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9. Measurement Uncertainty 113
10. Measurement Procedure 116
10.1 Spatial Peak SAR Evaluation 116
10.2 Area & Zoom Scan Procedures 117
10.3 Volume Scan Procedures 117
10.4 SAR Averaged Methods 117
10.5 Power Drift Monitoring 117
11. SAR Test Results Summary 118
11.1 Head Measurement SAR 118
11.2 Body Measurement SAR 118
11.3 Hot-spot mode Measurement SAR 118
11.4 Extremity Measurement SAR 128
11.5 SAR Measurement Variability 129
11.6 Std. C95.1-1999 RF Exposure Limit 130
12. Conclusion 131
13. References 131
Appendix A - System Performance Check 132
Appendix B - SAR Measurement Data 151
Appendix C - Calibration 432

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1. Summary of Maximum Reported SAR Value

Equipment Class	Mode	Highest Reported
		Body-Worn stand alone SAR1g (1.0 cm) (W/kg)
PCB	WCDMA Band II	1.45
	HSDPA Band II	0.88
	HSUPA Band II	0.66
	WCDMA Band IV	1.43
	HSDPA Band IV	0.90
	HSUPA Band IV	0.60
	WCDMA Band V	1.25
	HSDPA Band V	0.77
	HSUPA Band V	0.76
	CDMA 800	1.09
	1xRTT 800	1.01
	1xEv-Do 800 Rev. 0	1.31
	1xEv-Do 800 Rev. A	1.44
	CDMA 850	1.13
	1xRTT 850	1.18
	1xEv-Do 850 Rev. 0	0.55
	CDMA 1900	1.40
	1xRTT 1900	1.35
	1xEv-Do 1900 Rev. 0	1.14
	LTE Band 2	0.83
	LTE Band 4	1.32
	LTE Band 5	1.27
	LTE Band 12	1.37
	LTE Band 25	1.43
	LTE Band 26	1.08
	LTE Band 41	1.17
DTS	2.4GHz WLAN_Antenna1	0.06
	2.4GHz WLAN_Antenna2	0.04
U-NII	5GHz WLAN U-NII-3_Antenna1	0.19
	5GHz WLAN U-NII-3_Antenna2	0.22
Highest Simultaneous Transmission SAR		**Body-Worn Stand alone (W/kg)**
PCB+ U-NII (Ant1 + Ant2) at test position side4		1.64

Note:1. The SAR limit (Head & Body: SAR1g 1.6 W/kg) for general population / uncontrolled exposure is specified in FCC 47 CFR part 2 (2.1093) and ANSI/IEEE C95.1-1999

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2. Description of Equipment under Test (EUT)

Applicant	Netgear Inc. 350 East Plumeria Drive, San Jose, CA 95134	
Manufacture	Netgear Inc. 350 East Plumeria Drive, San Jose, CA 95134	
Product Type	Mobile Hotspot	
Trade Name	NETGEAR	
Model Number	AC810S-300	
FCC ID	PY3AC810S	
IMEI No.	351639070006457	
RF Function	WCDMA(RMC 12.2K) / HSDPA / HSUPA Band II WCDMA(RMC 12.2K) / HSDPA / HSUPA Band IV WCDMA(RMC 12.2K) / HSDPA / HSUPA Band V CDMA /1xRTT/1xEV-DO 800 (BC10) CDMA /1xRTT/1xEV-DO 850 (BC0) CDMA /1xRTT/1xEV-DO 1900 (BC1) LTE Band 2 / Band 4 / Band 5 / Band 12 LTE Band 25 / Band 26 / Band 41 IEEE 802.11b / 802.11g / 802.11n 2.4GHz 20MHz IEEE 802.11n 2.4GHz 40MHz IEEE 802.11a / IEEE 802.11n 5GHz 20MHz IEEE 802.11n 5GHz 40MHz IEEE 802.11ac 80MHz	
Tx Frequency	Band	Operate Frequency (MHz)
	WCDMA(RMC 12.2K) / HSDPA / HSUPA Band II	1852.4 - 1907.6
	WCDMA (RMC 12.2K) / HSDPA / HSUPA Band IV	1712.4 - 1752.6
	WCDMA (RMC 12.2K) / HSDPA / HSUPA Band V	826.4 - 846.6
	CDMA /1xRTT/1xEV-DO 800 (BC10)	817.25 - 822.75
	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)	1850.7 - 1909.3
	LTE Band 4 (BW 1.4, 3, 5, 10, 15, 20 MHz)	1710.7 - 1754.3
	LTE Band 5 (BW 1.4, 3, 5, 10 MHz)	824.7 - 848.3
	LTE Band 12 (BW 1.4, 3, 5, 10 MHz)	699.7 - 715.3
	LTE Band 25 (BW 1.4, 3, 5, 10, 15, 20 MHz)	1850.7 - 1914.3
	LTE Band 26 (BW 1.4, 3, 5, 10, 15 MHz)	814.7 - 848.3
	LTE Band 41 (BW 5, 10, 15, 20 MHz)	2498.5 - 2687.5
	IEEE 802.11b / 802.11g / 802.11n 2.4GH 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 20MHz U-NII Band I	5180 - 5220
	IEEE 802.11n 5GHz 20MHz U-NII Band III	5745 - 5825
	IEEE 802.11n 5GHz 40MHz U-NII Band I	5190 - 5230
	IEEE 802.11n 5GHz 40MHz U-NII Band III	5755 - 5795
	IEEE 802.11ac 80MHz U-NII Band I	5210
	IEEE 802.11ac 80MHz U-NII Band III	5775

RF Conducted Power	Band	Power	
		W	dBm
(Avg.)	WCDMA(RMC 12.2K) / HSDPA / HSUPA Band II	0.215	23.32
	WCDMA (RMC 12.2K) / HSDPA / HSUPA Band IV	0.177	22.49
	WCDMA (RMC 12.2K) / HSDPA / HSUPA Band V	0.271	24.33
	CDMA /1xRTT/1xEV-DO 800 (BC10)	0.315	24.98
	CDMA /1xRTT/1xEV-DO 850 (BC0)	0.248	23.94
	CDMA /1xRTT/1xEV-DO 1900 (BC1)	0.177	22.48
	LTE Band 2	0.219	23.41
	LTE Band 4	0.160	22.04
	LTE Band 5	0.223	23.48
	LTE Band 12	0.175	22.42
	LTE Band 25	0.219	23.41
	LTE Band 26	0.249	23.96
	LTE Band 41	0.231	23.64
	IEEE 802.11b	0.007	8.56
	IEEE 802.11g	0.013	11.23
	IEEE 802.11n 2.4GHz 20MHz	0.013	11.13
	IEEE 802.11n 2.4GHz 40MHz	0.015	11.64
	IEEE 802.11a U-NII Band I	0.013	10.97
	IEEE 802.11a U-NII Band III	0.013	11.19
	IEEE 802.11n 5GHz 20MHz U-NII Band I	0.014	11.32
	IEEE 802.11n 5GHz 20MHz U-NII Band III	0.013	11.22
	IEEE 802.11n 5GHz 40MHz U-NII Band I	0.014	11.34
	IEEE 802.11n 5GHz 40MHz U-NII Band III	0.014	11.51
	IEEE 802.11ac 80MHz U-NII Band I	0.012	10.88
	IEEE 802.11ac 80MHz U-NII Band III	0.014	11.37
Antenna Type	2G / 3G / 4G : Internal PIFA type WLAN : chip antennas		
Battery Option	Standard		
	Trade Name: NETGEAR Model: W-7 Spec: DC 3.8V / 2930mAh		
Device Category	Portable Device		
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)：AC810S-300**. 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)

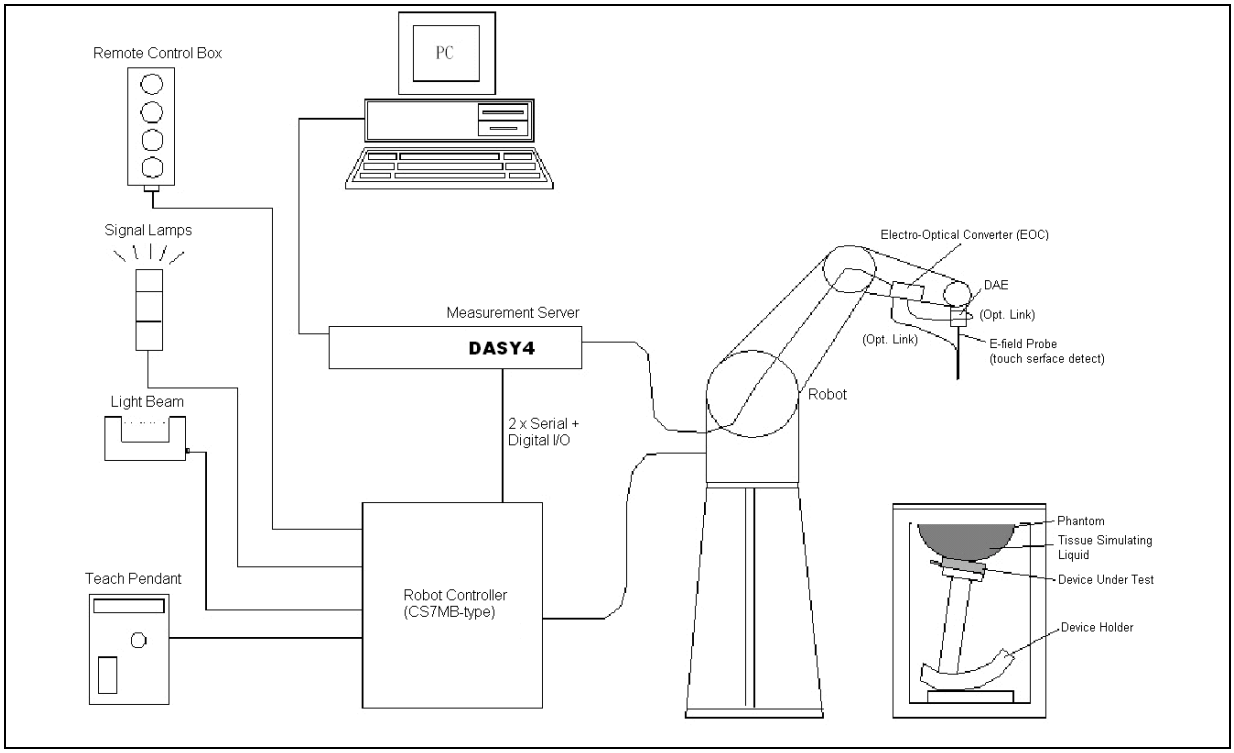
E = RMS electric field strength (V/m)

＊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〕

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4. SAR Measurement Setup



The DASY4 system for performing compliance tests consists of the following items:

1. A standard high precision 6-axis robot (Stäubli RX 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. DASY4 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.

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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.

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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.

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

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: RX90L
Repeatability：	±0.025 mm
No. of Axis：	6

4.4 Measurement Server

Processor：	PC/104 with a 166MHz low-power Pentium
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

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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.

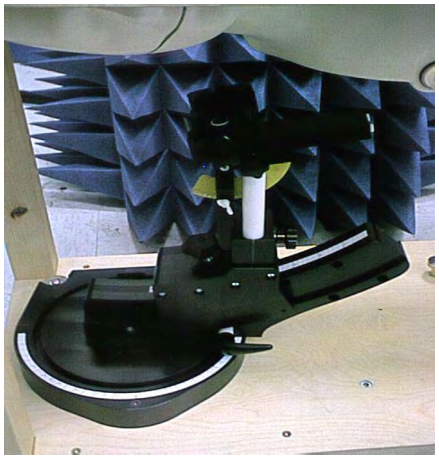


Figure 5. Device Holder

4.6 Oval Flat Phantom - ELI 4.0

The shell corresponds to the specifications of the Specific Anthropomorphic Mannequin (Oval Flat) phantom defined in IEEE 1528-2013, 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 4.0

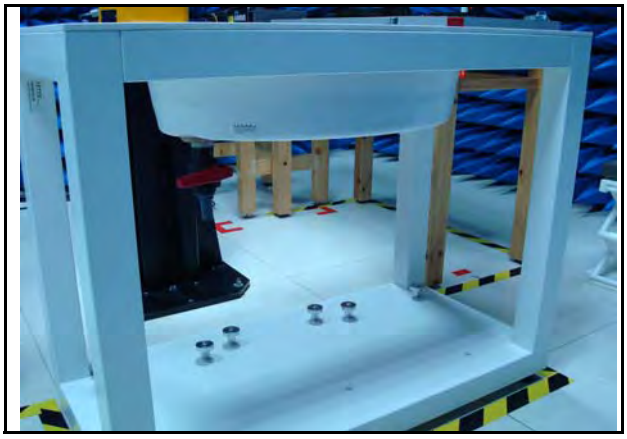


Figure 6. Oval Flat Phantom

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： $$E_i = \sqrt{\frac{V_i}{Norm_i \cdot ConvF}}$$

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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.

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

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 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

6.2 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													
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.

6.3 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
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
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.

6.4 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.

6.5 SAR Testing with LTE-TDD 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 , TDD mode , 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.
For 3GPP table 4.2.1 as below, support configurations and worst-case UpPTS information into the table.

3GPP Table 4.2-1: Configuration of special subframe (lengths of DwPTS/GP/UpPTS).

Special subframe configuration	Normal cyclic prefix in downlink			Extended cyclic prefix in downlink			EUT Support Special subframe	Worst case UpPTS
	DwPTS	UpPTS		DwPTS	UpPTS			
		Normal cyclic prefix in uplink	Extended cyclic prefix in uplink		Normal cyclic prefix in uplink	Extended cyclic prefix in uplink		
0	6592×Ts	2192×Ts	2560×Ts	7680×Ts	2192×Ts	2560×Ts	□	□
1	19760×Ts			20480×Ts			□	□
2	21952×Ts			23040×Ts			□	□
3	24144×Ts			25600×Ts			■	□
4	26336×Ts			7680×Ts	4384×Ts	5120×Ts	■	□
5	6592×Ts	4384×Ts	5120×Ts	20480×Ts			□	□
6	19760×Ts			23040×Ts			□	□
7	21952×Ts			12800×Ts			■	■
8	24144×Ts			-	-	-	□	□
9	13168×Ts			-	-	-	□	□
Duty cycle$_{(maximum)}$								43.33%

The EUT only supports the 40% case, which is Table 4.2.2, configuration #1 below.

Uplink-downlink configuration	Downlink-to-Uplink Switch-point periodicity	Subframe number										Type of EUT
		0	1	2	3	4	5	6	7	8	9	
0	5ms	D	S	U	U	U	D	S	U	U	U	□
1	5ms	D	S	U	U	D	D	S	U	U	D	■
2	5ms	D	S	U	D	D	D	S	U	D	D	□
3	10ms	D	S	U	U	U	D	D	D	D	D	□
4	10ms	D	S	U	U	D	D	D	D	D	D	□
5	10ms	D	S	U	D	D	D	D	D	D	D	□
6	5ms	D	S	U	U	U	D	S	U	U	D	□

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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 12	V	V	V	V		
LTE Band 25	V	V	V	V	V	V
LTE Band 26	V	V	V	V	V	
LTE Band 41			V	V	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
		Mid Range	18900	1880.0
		High Range	19193	1909.3
	3	Low Range	18615	1851.5
		Mid Range	18900	1880.0
		High Range	19185	1908.5
	5	Low Range	18625	1852.5
		Mid Range	18900	1880.0
		High Range	19175	1907.5
	10	Low Range	18650	1855.0
		Mid Range	18900	1880.0
		High Range	19150	1905.0
	15	Low Range	18675	1857.5
		Mid Range	18900	1880.0
		High Range	19125	1902.5
	20	Low Range	18700	1860.0
		Mid Range	18900	1880.0
		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
		Mid Range	20175	1732.5
		High Range	20393	1754.3
	3	Low Range	19965	1711.5
		Mid Range	20175	1732.5
		High Range	20385	1753.5
	5	Low Range	19975	1712.5
		Mid Range	20175	1732.5
		High Range	20375	1752.5
	10	Low Range	20000	1715.0
		Mid Range	20175	1732.5
		High Range	20350	1750.0
	15	Low Range	20025	1717.5
		Mid Range	20175	1732.5
		High Range	20325	1747.5
	20	Low Range	20050	1720.0
		Mid Range	20175	1732.5
		High Range	20300	1745.0
LTE Band 5	1.4	Low Range	20407	824.7
		Mid Range	20525	836.5
		High Range	20643	848.3
	3	Low Range	20415	825.5
		Mid Range	20525	836.5
		High Range	20635	847.5
	5	Low Range	20425	826.5
		Mid Range	20525	836.5
		High Range	20625	846.5
	10	Low Range	20450	829.0
		Mid Range	20525	836.5
		High Range	20600	844.0

LTE Band	Bandwidth (MHz)	Test requency ID	N_{UL}	Frequency of Uplink (MHz)
LTE Band 12	1.4	Low Range	23017	699.7
		Mid Range	23095	707.5
		High Range	23173	715.3
	3	Low Range	23025	700.5
		Mid Range	23095	707.5
		High Range	23165	714.5
	5	Low Range	23035	701.5
		Mid Range	23095	707.5
		High Range	23155	713.5
	10	Low Range	23060	704.0
		Mid Range	23095	707.5
		High Range	23130	711.0
LTE Band 25	1.4	Low Range	26047	1850.7
		Mid Range	26365	1882.5
		High Range	26683	1914.3
	3	Low Range	26055	1851.5
		Mid Range	26365	1882.5
		High Range	26675	1913.5
	5	Low Range	26065	1852.5
		Mid Range	26365	1882.5
		High Range	26665	1912.5
	10	Low Range	26090	1855.0
		Mid Range	26365	1882.5
		High Range	26640	1910.0
	15	Low Range	26115	1857.5
		Mid Range	26365	1882.5
		High Range	26615	1907.5
	20	Low Range	26140	1860.0
		Mid Range	26365	1882.5
		High Range	26590	1905.0

LTE Band	Bandwidth (MHz)	Test requency ID	N_{UL}	Frequency of Uplink (MHz)
LTE Band 26	1.4	Low Range	26697	814.7
		Mid Range	26865	831.5
		High Range	27033	848.3
	3	Low Range	26705	815.5
		Mid Range	26865	831.5
		High Range	27025	847.5
	5	Low Range	26715	816.5
		Mid Range	26865	831.5
		High Range	27015	846.5
	10	Low Range	26750	820.0
		Mid Range	26865	831.5
		High Range	26990	844.0
	15	Low Range	26775	822.5
		Mid Range	26865	831.5
		High Range	26965	841.5
LTE Band 41	5	Low Range	39675	2498.5
		Mid Range	40620	2593.0
		High Range	41565	2687.5
	10	Low Range	39700	2501.0
		Mid Range	40620	2593.0
		High Range	41540	2685.0
	15	Low Range	39725	2503.5
		Mid Range	40620	2593.0
		High Range	41515	2682.5
	20	Low Range	39750	2506.0
		Mid Range	40620	2593.0
		High Range	41490	2680.0

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.

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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	Sub-test	CH	Frequency (MHz)	Average Power (dBm)
WCDMA Band II	RMC12.2K	---	Lowest	1852.4	22.39
			Middle	1880.0	22.88
			Highest	1907.6	23.32
HSDPA Band II	QPSK	1	Lowest	1852.4	20.37
			Middle	1880.0	20.76
			Highest	1907.6	21.24
		2	Lowest	1852.4	20.31
			Middle	1880.0	20.72
			Highest	1907.6	21.13
		3	Lowest	1852.4	20.25
			Middle	1880.0	20.31
			Highest	1907.6	20.73
		4	Lowest	1852.4	20.19
			Middle	1880.0	20.23
			Highest	1907.6	20.71
HSUPA Band II	QPSK	1	Lowest	1852.4	20.32
			Middle	1880.0	20.82
			Highest	1907.6	21.21
		2	Lowest	1852.4	19.01
			Middle	1880.0	19.28
			Highest	1907.6	20.18
		3	Lowest	1852.4	18.05
			Middle	1880.0	18.26
			Highest	1907.6	18.67
		4	Lowest	1852.4	20.08
			Middle	1880.0	20.21
			Highest	1907.6	20.61
		5	Lowest	1852.4	20.31
			Middle	1880.0	20.38
			Highest	1907.6	20.98

Band	Modulation	Sub-test	CH	Frequency (MHz)	Average Power (dBm)
WCDMA Band IV	RMC12.2K	---	Lowest	1712.4	22.29
			Middle	1732.6	22.49
			Highest	1752.6	22.11
HSDPA Band IV	QPSK	1	Lowest	1712.4	20.43
			Middle	1732.6	20.68
			Highest	1752.6	20.78
		2	Lowest	1712.4	20.39
			Middle	1732.6	20.57
			Highest	1752.6	20.71
		3	Lowest	1712.4	19.88
			Middle	1732.6	20.07
			Highest	1752.6	20.18
		4	Lowest	1712.4	19.84
			Middle	1732.6	20.01
			Highest	1752.6	20.03
HSUPA Band IV	QPSK	1	Lowest	1712.4	19.89
			Middle	1732.6	20.11
			Highest	1752.6	20.22
		2	Lowest	1712.4	19.21
			Middle	1732.6	19.25
			Highest	1752.6	19.32
		3	Lowest	1712.4	18.17
			Middle	1732.6	18.73
			Highest	1752.6	19.18
		4	Lowest	1712.4	19.23
			Middle	1732.6	19.28
			Highest	1752.6	19.35
		5	Lowest	1712.4	20.33
			Middle	1732.6	20.34
			Highest	1752.6	20.37

Band	Modulation	Sub-test	CH	Frequency (MHz)	Average Power (dBm)
WCDMA Band V	RMC12.2K	---	Lowest	826.4	24.33
			Middle	836.6	24.25
			Highest	846.6	24.08
HSDPA Band V	QPSK	1	Lowest	826.4	21.75
			Middle	836.6	21.68
			Highest	846.6	21.72
		2	Lowest	826.4	21.71
			Middle	836.6	21.58
			Highest	846.6	21.64
		3	Lowest	826.4	21.28
			Middle	836.6	21.16
			Highest	846.6	21.23
		4	Lowest	826.4	21.26
			Middle	836.6	21.14
			Highest	846.6	21.21
HSUPA Band V	QPSK	1	Lowest	826.4	21.76
			Middle	836.6	21.68
			Highest	846.6	21.72
		2	Lowest	826.4	19.88
			Middle	836.6	19.81
			Highest	846.6	19.83
		3	Lowest	826.4	19.31
			Middle	836.6	19.23
			Highest	846.6	19.28
		4	Lowest	826.4	21.59
			Middle	836.6	21.48
			Highest	846.6	21.54
		5	Lowest	826.4	20.82
			Middle	836.6	20.73
			Highest	846.6	20.79

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Band	Modulation	RC/TAP (REV)	CH	Frequency (MHz)	Average Power (dBm)
CDMA 800 (BC10)	QPSK	RC1/SO55	Lowest	817.25	24.98
			Middle	820.00	24.78
			Highest	822.75	24.96
		RC3/SO55	Lowest	817.25	24.92
			Middle	820.00	24.80
			Highest	822.75	24.91
1xRTT 800 (BC10)	QPSK	RC3/SO32	Lowest	817.25	24.86
			Middle	820.00	24.91
			Highest	822.75	24.95
1xEV-DO 800 (BC10)	QPSK	Rev.0	Lowest	817.25	23.46
			Middle	820.00	23.54
			Highest	822.75	23.71
		Rev.A	Lowest	817.25	23.24
			Middle	820.00	23.46
			Highest	822.75	23.49

Band	Modulation	RC/TAP (REV)	CH	Frequency (MHz)	Average Power (dBm)
CDMA 850 (BC0)	QPSK	RC1/SO55	Lowest	824.70	23.93
			Middle	836.52	23.88
			Highest	848.31	23.81
		RC3/SO55	Lowest	824.70	23.91
			Middle	836.52	23.87
			Highest	848.31	23.80
1xRTT 850 (BC0)	QPSK	RC3/SO32	Lowest	824.70	23.94
			Middle	836.52	23.87
			Highest	848.31	23.81
1xEV-DO 850 (BC0)	QPSK	Rev.0	Lowest	824.70	22.98
			Middle	836.52	22.54
			Highest	848.31	23.03
		Rev.A	Lowest	824.70	22.87
			Middle	836.52	22.51
			Highest	848.31	23.00

Band	Modulation	RC/TAP (REV)	CH	Frequency (MHz)	Average Power (dBm)
CDMA 1900 (BC1)	QPSK	RC1/SO55	Lowest	1851.25	22.48
			Middle	1880.00	21.99
			Highest	1908.75	22.22
		RC3/SO55	Lowest	1851.25	22.40
			Middle	1880.00	21.97
			Highest	1908.75	22.37
1xRTT 1900 (BC1)	QPSK	RC3/SO32	Lowest	1851.25	22.44
			Middle	1880.00	21.96
			Highest	1908.75	22.39
1xEV-DO 1900 (BC1)	QPSK	Rev.0	Lowest	1851.25	22.22
			Middle	1880.00	21.74
			Highest	1908.75	21.68
		Rev.A	Lowest	1851.25	22.23
			Middle	1880.00	21.76
			Highest	1908.75	21.70

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power (dBm)
					Size	Offset	
LTE Band 2	1.4 MHz	QPSK	18607	1850.7	1	0	22.88
					1	2	22.78
					1	5	22.72
					3	0	22.70
					3	1	22.64
					3	3	22.55
					6	0	20.81
			18900	1880.0	1	0	23.05
					1	2	23.01
					1	5	22.99
					3	0	22.98
					3	1	22.96
					3	3	22.93
					6	0	22.01
			19193	1909.3	1	0	22.85
					1	2	22.78
					1	5	22.78
					3	0	22.76
					3	1	22.61
					3	3	22.54
					6	0	21.74
		16QAM	18607	1850.7	1	0	22.81
					1	2	22.74
					1	5	22.06
					3	0	21.90
					3	1	21.90
					3	3	21.80
					6	0	21.05
			18900	1880.0	1	0	22.31
					1	2	22.24
					1	5	22.24
					3	0	22.09
					3	1	22.05
					3	3	22.00
					6	0	21.11
			19193	1909.3	1	0	22.12
					1	2	22.08
					1	5	21.96
					3	0	21.96
					3	1	21.84
					3	3	21.80
					6	0	20.97

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Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power (dBm)
					Size	Offset	
LTE Band 2	3MHz	QPSK	18615	1851.5	1	0	22.62
					1	8	22.58
					1	14	22.47
					8	0	21.84
					8	4	21.83
					8	7	21.80
					15	0	21.78
			18900	1880.0	1	0	22.92
					1	8	22.86
					1	14	22.78
					8	0	21.93
					8	4	21.92
					8	7	21.90
					15	0	21.87
			19185	1908.5	1	0	23.08
					1	8	22.96
					1	14	22.51
					8	0	22.09
					8	4	22.00
					8	7	21.95
					15	0	21.80
		16QAM	18615	1851.5	1	0	21.95
					1	8	21.93
					1	14	21.84
					8	0	21.00
					8	4	21.00
					8	7	20.97
					15	0	20.95
			18900	1880.0	1	0	22.28
					1	8	22.22
					1	14	22.15
					8	0	21.08
					8	4	21.06
					8	7	21.01
					15	0	21.01
			19185	1908.5	1	0	22.38
					1	8	22.31
					1	14	21.84
					8	0	21.20
					8	4	21.11
					8	7	21.03
					15	0	20.91

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Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power (dBm)
					Size	Offset	
LTE Band 2	5MHz	QPSK	18625	1852.5	1	0	22.48
					1	12	22.43
					1	24	22.38
					12	0	21.71
					12	6	21.69
					12	13	21.67
					25	0	21.67
			18900	1880.0	1	0	22.72
					1	12	22.72
					1	24	22.69
					12	0	21.95
					12	6	21.89
					12	13	21.89
					25	0	21.88
			19175	1907.5	1	0	23.13
					1	12	23.05
					1	24	22.41
					12	0	22.24
					12	6	22.23
					12	13	22.11
					25	0	21.88
		16QAM	18625	1852.5	1	0	21.81
					1	12	21.76
					1	24	21.76
					12	0	20.90
					12	6	20.90
					12	13	20.89
					25	0	20.80
			18900	1880.0	1	0	22.09
					1	12	22.08
					1	24	22.05
					12	0	21.06
					12	6	21.00
					12	13	21.00
					25	0	20.99
			19175	1907.5	1	0	22.44
					1	12	22.39
					1	24	21.75
					12	0	21.32
					12	6	21.30
					12	11	21.19
					25	0	20.97

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Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power (dBm)
					Size	Offset	
LTE Band 2	10MHz	QPSK	18650	1855.0	1	0	22.73
					1	24	22.44
					1	49	22.24
					25	0	21.79
					25	12	21.73
					25	25	21.70
					50	0	21.65
			18900	1880.0	1	0	22.60
					1	24	22.44
					1	49	22.41
					25	0	21.74
					25	12	21.72
					25	25	21.70
					50	0	21.67
			19150	1905.0	1	0	23.06
					1	24	22.91
					1	49	22.20
					25	0	22.12
					25	12	22.07
					25	25	22.07
					50	0	22.02
		16QAM	18650	1855.0	1	0	22.01
					1	24	21.78
					1	49	21.54
					25	0	20.92
					25	12	20.81
					25	25	20.81
					50	0	20.77
			18900	1880.0	1	0	21.97
					1	24	21.78
					1	49	21.78
					25	0	20.84
					25	12	20.82
					25	25	20.82
					50	0	20.75
			19150	1905.0	1	0	22.37
					1	24	22.20
					1	49	21.57
					25	0	21.19
					25	12	21.13
					25	25	21.12
					50	0	21.10

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power (dBm)
					Size	Offset	
LTE Band 2	15MHz	QPSK	18675	1857.5	1	0	23.12
					1	38	22.68
					1	74	22.30
					36	0	22.08
					36	18	22.05
					36	39	22.01
					75	0	21.78
			18900	1880	1	0	22.96
					1	38	22.55
					1	74	22.50
					36	0	21.80
					36	18	21.80
					36	39	21.76
					75	0	21.74
			19125	1902.5	1	0	23.13
					1	38	22.90
					1	74	22.51
					36	0	22.18
					36	18	22.13
					36	39	22.11
					75	0	22.04
		16QAM	18675	1857.5	1	0	22.37
					1	38	22.02
					1	74	21.69
					36	0	21.11
					36	18	21.09
					36	39	21.08
					75	0	20.89
			18900	1880	1	0	22.24
					1	38	21.91
					1	74	21.90
					36	0	20.92
					36	18	20.87
					36	39	20.85
					75	0	20.82
			19125	1902.5	1	0	22.44
					1	38	22.21
					1	74	21.87
					36	0	21.25
					36	18	21.18
					36	39	21.16
					75	0	21.08

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Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power (dBm)
					Size	Offset	
LTE Band 2	20MHz	QPSK	18700	1860	1	0	22.66
					1	49	22.65
					1	99	22.61
					50	0	22.14
					50	25	22.07
					50	50	21.99
					100	0	21.81
			18900	1880	1	0	23.41
					1	49	22.56
					1	99	22.42
					50	0	21.91
					50	25	21.85
					50	50	21.77
					100	0	21.66
			19100	1900	1	0	22.45
					1	49	22.41
					1	99	22.44
					50	0	22.15
					50	25	22.11
					50	50	22.06
					100	0	21.96
		16QAM	18700	1860	1	0	22.27
					1	49	22.21
					1	99	21.59
					50	0	21.18
					50	25	21.07
					50	50	21.03
					100	0	20.90
			18900	1880	1	0	22.16
					1	49	21.89
					1	99	21.87
					50	0	20.98
					50	25	20.94
					50	50	20.87
					100	0	20.78
			19100	1900	1	0	22.38
					1	49	21.84
					1	99	21.80
					50	0	21.20
					50	25	21.15
					50	50	21.10
					100	0	21.02

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power (dBm)
					Size	Offset	
LTE Band 4	1.4MHz	QPSK	19957	1710.7	1	0	21.70
					1	2	21.66
					1	5	21.63
					3	0	21.61
					3	1	21.58
					3	3	21.56
					6	0	20.58
			20175	1732.5	1	0	21.92
					1	2	21.90
					1	5	21.89
					3	0	21.87
					3	1	21.83
					3	3	21.76
					6	0	20.94
			20393	1754.3	1	0	21.64
					1	2	21.61
					1	5	21.59
					3	0	21.59
					3	1	21.57
					3	3	21.56
					6	0	20.51
		16QAM	19957	1710.7	1	0	21.81
					1	2	21.80
					1	5	21.78
					3	0	20.58
					3	1	20.55
					3	3	20.52
					6	0	20.51
			20175	1732.5	1	0	21.18
					1	2	21.13
					1	5	21.09
					3	0	20.93
					3	1	20.89
					3	3	20.86
					6	0	20.59
			20393	1754.3	1	0	21.59
					1	2	21.55
					1	5	21.51
					3	0	20.63
					3	1	20.59
					3	3	20.57
					6	0	20.55

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Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power (dBm)
					Size	Offset	
LTE Band 4	3MHz	QPSK	19965	1711.5	1	0	21.76
					1	8	21.70
					1	14	21.70
					8	0	20.74
					8	4	20.72
					8	7	20.68
					15	0	20.67
			20175	1732.5	1	0	21.93
					1	8	21.90
					1	14	21.85
					8	0	21.05
					8	4	21.04
					8	7	20.99
					15	0	20.96
			20385	1753.5	1	0	21.71
					1	8	21.69
					1	14	21.63
					8	0	20.60
					8	4	20.60
					8	7	20.58
					15	0	20.58
		16QAM	19965	1711.5	1	0	20.99
					1	8	20.93
					1	14	20.87
					8	0	19.76
					8	4	19.75
					8	7	19.70
					15	0	19.68
			20175	1732.5	1	0	21.28
					1	8	21.18
					1	14	21.16
					8	0	20.09
					8	4	20.06
					8	7	19.99
					15	0	19.99
			20385	1753.5	1	0	20.96
					1	8	20.92
					1	14	20.90
					8	0	19.64
					8	4	19.63
					8	7	19.62
					15	0	19.58

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Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power (dBm)
					Size	Offset	
LTE Band 4	5MHz	QPSK	19975	1712.5	1	0	21.68
					1	12	21.56
					1	24	21.56
					12	0	20.76
					12	6	20.67
					12	13	20.67
					25	0	20.64
			20175	1732.5	1	0	21.93
					1	12	21.79
					1	24	21.74
					12	0	21.02
					12	6	20.98
					12	13	20.95
					25	0	20.95
			20375	1752.5	1	0	21.63
					1	12	21.60
					1	24	21.56
					12	0	20.64
					12	6	20.61
					12	13	20.60
					25	0	20.56
		16QAM	19975	1712.5	1	0	20.92
					1	12	20.80
					1	24	20.75
					12	0	19.74
					12	6	19.66
					12	13	19.65
					25	0	19.63
			20175	1732.5	1	0	21.19
					1	12	21.06
					1	24	21.03
					12	0	20.01
					12	6	19.95
					12	13	19.95
					25	0	19.93
			20375	1752.5	1	0	20.88
					1	12	20.85
					1	24	20.57
					12	0	19.64
					12	6	19.60
					12	11	19.59
					25	0	19.55

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Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power (dBm)
					Size	Offset	
LTE Band 4	10MHz	QPSK	20000	1715.0	1	0	21.92
					1	24	21.69
					1	49	21.56
					25	0	20.97
					25	12	20.89
					25	25	20.86
					50	0	20.80
			20175	1732.5	1	0	22.02
					1	24	21.77
					1	49	21.61
					25	0	21.08
					25	12	21.06
					25	25	20.95
					50	0	20.85
			20350	1750.0	1	0	21.58
					1	24	21.50
					1	49	21.42
					25	0	20.67
					25	12	20.66
					25	25	20.61
					50	0	20.54
		16QAM	20000	1715.0	1	0	21.11
					1	24	20.81
					1	49	20.79
					25	0	19.92
					25	12	19.81
					25	25	19.81
					50	0	19.75
			20175	1732.5	1	0	21.25
					1	24	21.03
					1	49	20.90
					25	0	20.05
					25	12	20.03
					25	25	19.92
					50	0	19.91
			20350	1750.0	1	0	20.83
					1	24	20.76
					1	49	20.65
					25	0	19.66
					25	12	19.65
					25	25	19.60
					50	0	19.52

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Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power (dBm)
					Size	Offset	
LTE Band 4	15MHz	QPSK	20025	1717.5	1	0	22.04
					1	38	21.82
					1	74	21.78
					36	0	20.88
					36	18	20.87
					36	39	20.86
					75	0	20.84
			20175	1732.5	1	0	21.96
					1	38	21.94
					1	74	21.80
					36	0	21.04
					36	18	21.03
					36	39	21.00
					75	0	20.92
			20325	1747.5	1	0	21.82
					1	38	21.76
					1	74	21.50
					36	0	20.68
					36	18	20.61
					36	39	20.61
					75	0	20.58
		16QAM	20025	1717.5	1	0	21.13
					1	38	21.05
					1	74	20.98
					36	0	19.83
					36	18	19.82
					36	39	19.80
					75	0	19.78
			20175	1732.5	1	0	21.21
					1	38	21.20
					1	74	21.05
					36	0	20.01
					36	18	20.01
					36	39	19.95
					75	0	19.89
			20325	1747.5	1	0	21.05
					1	38	21.03
					1	74	20.77
					36	0	19.67
					36	18	19.60
					36	39	19.60
					75	0	19.57

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Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power (dBm)
					Size	Offset	
LTE Band 4	20MHz	QPSK	20050	1720.0	1	0	21.84
					1	49	21.81
					1	99	21.77
					50	0	20.89
					50	25	20.85
					50	50	20.85
					100	0	20.81
			20175	1732.5	1	0	21.97
					1	49	21.64
					1	99	21.64
					50	0	20.98
					50	25	20.91
					50	50	20.90
					100	0	20.89
			20300	1745.0	1	0	21.96
					1	49	21.63
					1	99	21.59
					50	0	20.84
					50	25	20.65
					50	50	20.62
					100	0	20.56
		16QAM	20050	1720.0	1	0	21.17
					1	49	21.04
					1	99	20.95
					50	0	19.82
					50	25	19.80
					50	50	19.78
					100	0	19.76
			20175	1732.5	1	0	21.19
					1	49	20.92
					1	99	20.88
					50	0	19.95
					50	25	19.89
					50	50	19.87
					100	0	19.85
			20300	1745.0	1	0	21.14
					1	49	20.90
					1	99	20.84
					50	0	19.82
					50	25	19.63
					50	50	19.61
					100	0	19.56

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Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power (dBm)
					Size	Offset	
LTE Band 5	1.4MHz	QPSK	20407	824.7	1	0	22.84
					1	2	22.82
					1	5	22.80
					3	0	22.04
					3	1	22.03
					3	3	22.01
					6	0	21.91
			20525	836.5	1	0	22.77
					1	2	22.68
					1	5	22.67
					3	0	21.98
					3	1	21.91
					3	3	21.86
					6	0	21.75
			20643	848.3	1	0	22.81
					1	2	22.69
					1	5	22.63
					3	0	21.82
					3	1	21.76
					3	3	21.72
					6	0	21.71
		16QAM	20407	824.7	1	0	22.40
					1	2	22.30
					1	5	22.15
					3	0	21.13
					3	1	21.11
					3	3	21.08
					6	0	21.04
			20525	836.5	1	0	22.18
					1	2	22.06
					1	5	21.94
					3	0	21.03
					3	1	20.98
					3	3	20.88
					6	0	20.80
			20643	848.3	1	0	22.29
					1	2	22.16
					1	5	22.13
					3	0	21.09
					3	1	21.07
					3	3	21.05
					6	0	21.02

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Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power (dBm)
					Size	Offset	
LTE Band 5	3MHz	QPSK	20415	825.5	1	0	22.51
					1	8	22.40
					1	14	22.22
					8	0	21.46
					8	4	21.45
					8	7	21.43
					15	0	21.33
			20525	836.5	1	0	22.38
					1	8	22.22
					1	14	22.09
					8	0	21.40
					8	4	21.33
					8	7	21.28
					15	0	21.17
			20635	847.5	1	0	22.23
					1	8	22.11
					1	14	22.05
					8	0	21.24
					8	4	21.18
					8	7	21.14
					15	0	21.13
		16QAM	20415	825.5	1	0	21.82
					1	8	21.72
					1	14	21.57
					8	0	20.53
					8	4	20.50
					8	7	20.48
					15	0	20.41
			20525	836.5	1	0	21.60
					1	8	21.48
					1	14	21.36
					8	0	20.45
					8	4	20.40
					8	7	20.30
					15	0	20.22
			20635	847.5	1	0	21.53
					1	8	21.35
					1	14	21.25
					8	0	20.35
					8	4	20.26
					8	7	20.23
					15	0	20.23

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Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power (dBm)
					Size	Offset	
LTE Band 5	5MHz	QPSK	20425	826.5	1	0	22.44
					1	12	22.22
					1	24	22.18
					12	0	21.39
					12	6	21.29
					12	13	21.27
					25	0	21.14
			20525	836.5	1	0	22.24
					1	12	22.05
					1	24	22.00
					12	0	21.33
					12	6	21.18
					12	13	21.14
					25	0	21.05
			20625	846.5	1	0	22.41
					1	12	22.13
					1	24	22.08
					12	0	21.26
					12	6	21.22
					12	13	21.16
					25	0	21.06
		16QAM	20425	826.5	1	0	21.77
					1	12	21.60
					1	24	21.30
					12	0	20.46
					12	6	20.35
					12	13	20.31
					25	0	20.19
			20525	836.5	1	0	21.51
					1	12	21.33
					1	24	21.26
					12	0	20.35
					12	6	20.21
					12	13	20.15
					25	0	20.05
			20625	846.5	1	0	21.68
					1	12	21.31
					1	24	21.16
					12	0	20.29
					12	6	20.27
					12	11	20.22
					25	0	20.13

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Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power (dBm)
					Size	Offset	
LTE Band 5	10MHz	QPSK	20450	829.0	1	0	23.01
					1	24	22.96
					1	49	22.77
					25	0	22.35
					25	12	22.24
					25	25	22.01
					50	0	22.29
			20525	836.5	1	0	23.15
					1	24	22.97
					1	49	22.95
					25	0	22.32
					25	12	22.09
					25	25	21.97
					50	0	21.10
			20600	844.0	1	0	23.48
					1	24	23.12
					1	49	22.70
					25	0	22.38
					25	12	22.31
					25	25	22.04
					50	0	21.30
		16QAM	20450	829.0	1	0	22.73
					1	24	22.43
					1	49	21.92
					25	0	21.35
					25	12	21.31
					25	25	21.25
					50	0	21.05
			20525	836.5	1	0	22.54
					1	24	22.27
					1	49	22.22
					25	0	21.36
					25	12	21.12
					25	25	21.11
					50	0	20.95
			20600	844.0	1	0	22.61
					1	24	22.42
					1	49	22.03
					25	0	21.37
					25	12	21.33
					25	25	21.31
					50	0	21.08

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power (dBm)
					Size	Offset	
LTE Band 12	1.4MHz	QPSK	23017	699.7	1	0	22.19
					1	2	22.14
					1	5	21.96
					3	0	21.46
					3	1	21.38
					3	3	21.35
					6	0	21.14
			23095	707.5	1	0	22.27
					1	2	22.24
					1	5	22.16
					3	0	21.48
					3	1	21.44
					3	3	21.43
					6	0	21.33
			23173	715.3	1	0	22.31
					1	2	22.29
					1	5	22.27
					3	0	21.71
					3	1	21.60
					3	3	21.52
					6	0	21.44
		16QAM	23017	699.7	1	0	21.86
					1	2	21.76
					1	5	21.58
					3	0	20.65
					3	1	20.59
					3	3	20.55
					6	0	20.53
			23095	707.5	1	0	21.87
					1	2	21.76
					1	5	21.62
					3	0	20.72
					3	1	20.69
					3	3	20.67
					6	0	20.57
			23173	715.3	1	0	22.12
					1	2	21.71
					1	5	21.67
					3	0	20.98
					3	1	20.86
					3	3	20.80
					6	0	20.70

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power (dBm)
					Size	Offset	
LTE Band 12	3MHz	QPSK	23025	700.5	1	0	22.01
					1	8	21.71
					1	14	21.53
					8	0	21.03
					8	4	20.95
					8	7	20.92
					15	0	20.71
			23095	707.5	1	0	22.09
					1	8	21.98
					1	14	21.81
					8	0	21.05
					8	4	21.01
					8	7	21.00
					15	0	20.90
			23165	714.5	1	0	22.33
					1	8	21.90
					1	14	21.84
					8	0	21.28
					8	4	21.17
					8	7	21.09
					15	0	21.01
		16QAM	23025	700.5	1	0	21.43
					1	8	21.12
					1	14	20.92
					8	0	20.22
					8	4	20.16
					8	7	20.12
					15	0	19.93
			23095	707.5	1	0	21.44
					1	8	21.33
					1	14	21.19
					8	0	20.29
					8	4	20.26
					8	7	20.24
					15	0	20.14
			23165	714.5	1	0	21.69
					1	8	21.28
					1	14	21.24
					8	0	20.55
					8	4	20.43
					8	7	20.37
					15	0	20.27

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Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power (dBm)
					Size	Offset	
LTE Band 12	5MHz	QPSK	23035	701.5	1	0	21.99
					1	12	21.70
					1	24	21.55
					12	0	20.91
					12	6	20.87
					12	13	20.81
					25	0	20.79
			23095	707.5	1	0	21.97
					1	12	21.74
					1	24	21.51
					12	0	21.03
					12	6	20.97
					12	13	20.92
					25	0	20.87
			23155	713.5	1	0	22.24
					1	12	21.98
					1	24	21.94
					12	0	21.25
					12	6	21.24
					12	13	21.19
					25	0	20.97
		16QAM	23035	701.5	1	0	21.37
					1	12	21.13
					1	24	20.95
					12	0	20.09
					12	6	20.09
					12	13	20.03
					25	0	20.02
			23095	707.5	1	0	21.31
					1	12	21.11
					1	24	20.85
					12	0	20.26
					12	6	20.19
					12	13	20.11
					25	0	20.10
			23155	713.5	1	0	21.60
					1	12	21.36
					1	24	21.34
					12	0	20.49
					12	6	20.49
					12	11	20.43
					25	0	20.17

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Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power (dBm)
					Size	Offset	
LTE Band 12	10MHz	QPSK	23060	704.0	1	0	22.42
					1	24	22.34
					1	49	22.29
					25	0	20.94
					25	12	20.85
					25	25	20.72
					50	0	20.66
			23095	707.5	1	0	22.16
					1	24	21.89
					1	49	21.63
					25	0	21.04
					25	12	21.02
					25	25	20.82
					50	0	20.81
			23130	711.0	1	0	21.93
					1	24	21.88
					1	49	21.50
					25	0	21.14
					25	12	21.00
					25	25	20.98
					50	0	20.91
		16QAM	23060	704.0	1	0	21.31
					1	24	21.19
					1	49	21.00
					25	0	20.19
					25	12	20.09
					25	25	19.92
					50	0	19.91
			23095	707.5	1	0	21.43
					1	24	21.15
					1	49	20.78
					25	0	20.25
					25	12	20.24
					25	25	20.06
					50	0	20.05
			23130	711.0	1	0	21.54
					1	24	21.46
					1	49	20.88
					25	0	20.35
					25	12	20.23
					25	25	20.20
					50	0	20.12

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power (dBm)
					Size	Offset	
LTE Band 25	1.4 MHz	QPSK	26047	1850.7	1	0	22.28
					1	2	22.19
					1	5	22.18
					3	0	22.08
					3	1	22.01
					3	3	21.98
					6	0	21.06
			26365	1882.5	1	0	22.34
					1	2	22.28
					1	5	22.27
					3	0	22.17
					3	1	22.17
					3	3	22.13
					6	0	21.33
			26683	1914.3	1	0	22.69
					1	2	22.67
					1	5	22.63
					3	0	22.62
					3	1	22.58
					3	3	22.56
					6	0	21.70
		16QAM	26047	1850.7	1	0	22.36
					1	2	22.25
					1	5	22.15
					3	0	21.35
					3	1	21.34
					3	3	21.27
					6	0	20.52
			26365	1882.5	1	0	21.58
					1	2	21.48
					1	5	21.47
					3	0	21.45
					3	1	21.41
					3	3	21.24
					6	0	20.49
			26683	1914.3	1	0	21.98
					1	2	21.93
					1	5	21.84
					3	0	21.81
					3	1	21.76
					3	3	21.69
					6	0	20.83

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power (dBm)
					Size	Offset	
LTE Band 25	3 MHz	QPSK	26055	1851.5	1	0	22.07
					1	8	22.05
					1	14	21.98
					8	0	21.18
					8	4	21.16
					8	7	21.11
					15	0	21.06
			26365	1882.5	1	0	22.29
					1	8	22.21
					1	14	22.09
					8	0	21.33
					8	4	21.32
					8	7	21.27
					15	0	21.22
			26675	1913.5	1	0	22.71
					1	8	22.56
					1	14	22.48
					8	0	21.74
					8	4	21.70
					8	7	21.61
					15	0	21.57
		16QAM	26055	1851.5	1	0	21.41
					1	8	21.40
					1	14	21.37
					8	0	20.38
					8	4	20.35
					8	7	20.32
					15	0	20.32
			26365	1882.5	1	0	21.70
					1	8	21.60
					1	14	21.44
					8	0	20.51
					8	4	20.45
					8	7	20.43
					15	0	20.37
			26675	1913.5	1	0	22.01
					1	8	21.86
					1	14	21.80
					8	0	20.88
					8	4	20.81
					8	7	20.74
					15	0	20.71

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Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power (dBm)
					Size	Offset	
LTE Band 25	5 MHz	QPSK	26065	1852.5	1	0	22.17
					1	12	22.02
					1	24	21.96
					12	0	21.30
					12	6	21.21
					12	13	21.19
					25	0	21.12
			26365	1882.5	1	0	22.17
					1	12	22.10
					1	24	22.08
					12	0	21.31
					12	6	21.29
					12	13	21.26
					25	0	21.14
			26665	1912.5	1	0	22.62
					1	12	22.42
					1	24	22.29
					12	0	21.68
					12	6	21.63
					12	13	21.61
					25	0	21.51
		16QAM	26065	1852.5	1	0	21.52
					1	12	21.37
					1	24	21.26
					12	0	20.44
					12	6	20.35
					12	13	20.35
					25	0	20.26
			26365	1882.5	1	0	21.55
					1	12	21.47
					1	24	21.43
					12	0	20.44
					12	6	20.42
					12	13	20.39
					25	0	20.26
			26665	1912.5	1	0	21.95
					1	12	21.76
					1	24	21.61
					12	0	20.78
					12	6	20.73
					12	11	20.71
					25	0	20.60

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Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power (dBm)
					Size	Offset	
LTE Band 25	10 MHz	QPSK	26090	1855.0	1	0	22.41
					1	24	22.22
					1	49	21.81
					25	0	21.49
					25	12	21.34
					25	25	21.30
					50	0	21.19
			26365	1882.5	1	0	21.99
					1	24	21.94
					1	49	21.91
					25	0	21.20
					25	12	21.19
					25	25	21.18
					50	0	21.15
			26640	1910.0	1	0	22.44
					1	24	22.35
					1	49	22.32
					25	0	21.55
					25	12	21.53
					25	25	21.48
					50	0	21.43
		16QAM	26090	1855.0	1	0	21.71
					1	24	21.55
					1	49	21.13
					25	0	20.59
					25	12	20.46
					25	25	20.42
					50	0	20.33
			26365	1882.5	1	0	21.36
					1	24	21.29
					1	49	21.29
					25	0	20.32
					25	12	20.30
					25	25	20.29
					50	0	20.27
			26640	1910.0	1	0	21.76
					1	24	21.71
					1	49	21.63
					25	0	20.64
					25	12	20.62
					25	25	20.58
					50	0	20.50

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power (dBm)
					Size	Offset	
LTE Band 25	15 MHz	QPSK	26115	1857.5	1	0	23.03
					1	38	22.47
					1	74	22.09
					36	0	21.90
					36	18	21.66
					36	39	21.64
					75	0	21.35
			26365	1882.5	1	0	22.37
					1	38	22.36
					1	74	22.20
					36	0	21.33
					36	18	21.30
					36	39	21.29
					75	0	21.24
			26615	1907.5	1	0	22.89
					1	38	22.65
					1	74	22.47
					36	0	21.69
					36	18	21.68
					36	39	21.67
					75	0	21.62
		16QAM	26115	1857.5	1	0	22.30
					1	38	21.77
					1	74	21.41
					36	0	20.92
					36	18	20.72
					36	39	20.72
					75	0	20.45
			26365	1882.5	1	0	21.73
					1	38	21.69
					1	74	21.55
					36	0	20.41
					36	18	20.41
					36	39	20.39
					75	0	20.35
			26615	1907.5	1	0	22.20
					1	38	21.98
					1	74	21.81
					36	0	20.78
					36	18	20.76
					36	39	20.73
					75	0	20.71

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Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power (dBm)
					Size	Offset	
LTE Band 25	20 MHz	QPSK	26140	1860.0	1	0	23.25
					1	49	23.17
					1	99	22.51
					50	0	22.46
					50	25	22.34
					50	50	22.27
					100	0	22.02
			26365	1882.5	1	0	23.41
					1	49	23.26
					1	99	23.01
					50	0	22.33
					50	25	22.32
					50	50	22.29
					100	0	22.27
			26590	1905.0	1	0	23.39
					1	49	23.20
					1	99	23.18
					50	0	22.43
					50	25	22.40
					50	50	22.31
					100	0	22.26
		16QAM	26140	1860.0	1	0	22.54
					1	49	22.00
					1	99	21.37
					50	0	20.90
					50	25	20.89
					50	50	20.82
					100	0	20.64
			26365	1882.5	1	0	22.69
					1	49	21.64
					1	99	21.39
					50	0	20.48
					50	25	20.42
					50	50	20.41
					100	0	20.40
			26590	1905.0	1	0	22.73
					1	49	21.89
					1	99	21.85
					50	0	20.84
					50	25	20.80
					50	50	20.73
					100	0	20.71

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Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power (dBm)
					Size	Offset	
LTE Band 26	1.4MHz	QPSK	26697	814.7	1	0	22.59
					1	2	22.57
					1	5	22.51
					3	0	22.44
					3	1	22.38
					3	3	22.27
					6	0	22.08
			26865	831.5	1	0	22.88
					1	2	22.79
					1	5	22.58
					3	0	22.57
					3	1	22.55
					3	3	22.54
					6	0	21.54
			27033	848.3	1	0	22.94
					1	2	22.88
					1	5	22.79
					3	0	22.57
					3	1	22.53
					3	3	22.52
					6	0	21.75
		16QAM	26697	814.7	1	0	22.57
					1	2	22.53
					1	5	22.51
					3	0	21.70
					3	1	21.64
					3	3	21.63
					6	0	21.59
			26865	831.5	1	0	22.15
					1	2	22.14
					1	5	22.12
					3	0	21.64
					3	1	21.61
					3	3	21.57
					6	0	21.51
			27033	848.3	1	0	22.63
					1	2	22.61
					1	5	22.59
					3	0	22.02
					3	1	21.76
					3	3	21.72
					6	0	21.71

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power (dBm)
					Size	Offset	
LTE Band 26	3MHz	QPSK	26705	815.5	1	0	22.79
					1	8	22.68
					1	14	22.51
					8	0	21.59
					8	4	21.58
					8	7	21.53
					15	0	21.51
			26865	831.5	1	0	22.76
					1	8	22.70
					1	14	22.54
					8	0	21.74
					8	4	21.73
					8	7	21.72
					15	0	21.56
			27025	847.5	1	0	22.75
					1	8	22.74
					1	14	22.72
					8	0	21.77
					8	4	21.76
					8	7	21.73
					15	0	21.71
		16QAM	26705	815.5	1	0	21.86
					1	8	21.79
					1	14	21.71
					8	0	20.68
					8	4	20.63
					8	7	20.59
					15	0	20.58
			26865	831.5	1	0	22.07
					1	8	22.00
					1	14	21.83
					8	0	20.83
					8	4	20.81
					8	7	20.77
					15	0	20.65
			27025	847.5	1	0	22.04
					1	8	22.03
					1	14	22.01
					8	0	21.06
					8	4	20.99
					8	7	20.86
					15	0	20.76

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Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power (dBm)
					Size	Offset	
LTE Band 26	5MHz	QPSK	26715	816.5	1	0	22.58
					1	12	22.52
					1	24	22.51
					12	0	21.63
					12	6	21.59
					12	13	21.57
					25	0	21.53
			26865	831.5	1	0	22.81
					1	12	22.61
					1	24	22.36
					12	0	21.81
					12	6	21.78
					12	13	21.77
					25	0	21.63
			27015	846.5	1	0	22.98
					1	12	22.97
					1	24	22.96
					12	0	21.77
					12	6	21.74
					12	13	21.72
					25	0	21.69
		16QAM	26715	816.5	1	0	21.86
					1	12	21.84
					1	24	21.60
					12	0	20.69
					12	6	20.65
					12	13	20.63
					25	0	20.58
			26865	831.5	1	0	22.11
					1	12	21.93
					1	24	21.68
					12	0	20.85
					12	6	20.82
					12	13	20.81
					25	0	20.68
			27015	846.5	1	0	22.36
					1	12	22.29
					1	24	22.26
					12	0	20.83
					12	6	20.81
					12	11	20.74
					25	0	20.72

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Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power (dBm)
					Size	Offset	
LTE Band 26	10MHz	QPSK	26750	820	1	0	22.70
					1	24	22.61
					1	49	22.42
					25	0	21.91
					25	12	21.78
					25	25	21.74
					50	0	21.62
			26865	831.5	1	0	23.01
					1	24	22.55
					1	49	22.05
					25	0	21.95
					25	12	21.83
					25	25	21.80
					50	0	21.58
			26990	844	1	0	23.09
					1	24	22.89
					1	49	22.26
					25	0	22.15
					25	12	21.86
					25	25	21.35
					50	0	21.27
		QPSK	26750	820	1	0	22.03
					1	24	21.89
					1	49	21.69
					25	0	20.96
					25	12	20.80
					25	25	20.75
					50	0	20.63
			26865	831.5	1	0	22.25
					1	24	21.86
					1	49	21.35
					25	0	20.96
					25	12	20.88
					25	25	20.83
					50	0	20.62
			26990	844	1	0	22.38
					1	24	22.18
					1	49	21.27
					25	0	21.17
					25	12	20.90
					25	25	20.58
					50	0	20.39

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Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power (dBm)
					Size	Offset	
LTE Band 26	15MHz	QPSK	26775	822.5	1	0	23.31
					1	38	23.14
					1	74	22.87
					36	0	22.31
					36	18	22.30
					36	39	22.27
					75	0	22.17
			26865	831.5	1	0	23.45
					1	38	22.76
					1	74	22.45
					36	0	22.30
					36	18	21.94
					36	39	21.93
					75	0	21.68
			26965	841.5	1	0	23.96
					1	38	23.53
					1	74	23.42
					36	0	22.18
					36	18	21.96
					36	39	21.69
					75	0	21.47
		QPSK	26775	822.5	1	0	22.34
					1	38	22.09
					1	74	21.85
					36	0	21.00
					36	18	20.98
					36	39	20.97
					75	0	20.86
			26865	831.5	1	0	22.69
					1	38	22.05
					1	74	21.73
					36	0	21.32
					36	18	20.97
					36	39	20.96
					75	0	20.70
			26965	841.5	1	0	22.52
					1	38	22.39
					1	74	21.21
					36	0	21.18
					36	18	20.97
					36	39	20.75
					75	0	20.73

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Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power (dBm)
					Size	Offset	
LTE Band 41	5MHz	QPSK	39675	2498.5	1	0	22.92
					1	12	22.88
					1	24	22.77
					12	0	22.82
					12	6	22.90
					12	13	22.84
					25	0	22.85
			40620	2593.0	1	0	23.33
					1	12	23.21
					1	24	23.06
					12	0	22.43
					12	6	22.45
					12	13	22.39
					25	0	22.40
			41565	2687.5	1	0	23.38
					1	12	23.28
					1	24	23.07
					12	0	22.49
					12	6	22.49
					12	13	22.39
					25	0	22.43
		16QAM	39675	2498.5	1	0	22.19
					1	12	22.13
					1	24	21.98
					12	0	21.91
					12	6	22.01
					12	13	21.94
					25	0	22.01
			40620	2593.0	1	0	22.52
					1	12	22.48
					1	24	22.39
					12	0	21.54
					12	6	21.56
					12	13	21.51
					25	0	21.55
			41565	2687.5	1	0	22.60
					1	12	22.58
					1	24	22.39
					12	0	21.58
					12	6	21.58
					12	11	21.48
					25	0	21.56

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Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power (dBm)
					Size	Offset	
LTE Band 41	10MHz	QPSK	39700	2501.0	1	0	23.17
					1	24	23.06
					1	49	22.67
					25	0	22.79
					25	12	22.93
					25	25	22.81
					50	0	22.77
			40620	2593.0	1	0	23.17
					1	24	23.06
					1	49	22.91
					25	0	22.37
					25	12	22.42
					25	25	22.31
					50	0	22.34
			41540	2685.0	1	0	23.27
					1	24	23.24
					1	49	22.87
					25	0	22.40
					25	12	22.44
					25	25	22.30
					50	0	22.35
		16QAM	39700	2501.0	1	0	22.47
					1	24	22.35
					1	49	21.93
					25	0	21.91
					25	12	22.04
					25	25	21.95
					50	0	21.88
			40620	2593.0	1	0	22.52
					1	24	22.40
					1	49	22.23
					25	0	21.51
					25	12	21.56
					25	25	21.44
					50	0	21.46
			41540	2685.0	1	0	22.58
					1	24	22.50
					1	49	22.18
					25	0	21.53
					25	12	21.56
					25	25	21.39
					50	0	21.44

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Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power (dBm)
					Size	Offset	
LTE Band 41	15MHz	QPSK	39725	2503.5	1	0	23.56
					1	38	23.33
					1	74	23.02
					36	0	22.90
					36	18	22.89
					36	39	22.54
					75	0	22.58
			40620	2593.0	1	0	23.45
					1	38	23.20
					1	74	22.97
					36	0	22.41
					36	18	22.39
					36	39	22.33
					75	0	22.37
			41515	2682.5	1	0	23.64
					1	38	23.26
					1	74	23.13
					36	0	22.53
					36	18	22.39
					36	39	22.30
					75	0	22.36
		16QAM	39725	2503.5	1	0	22.82
					1	38	22.56
					1	74	22.20
					36	0	21.98
					36	18	21.97
					36	39	21.63
					75	0	21.69
			40620	2593.0	1	0	22.68
					1	38	22.45
					1	74	22.23
					36	0	21.49
					36	18	21.47
					36	39	21.41
					75	0	21.49
			41515	2682.5	1	0	22.83
					1	38	22.58
					1	74	22.38
					36	0	21.59
					36	18	21.54
					36	39	21.36
					75	0	21.55

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Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power (dBm)
					Size	Offset	
LTE Band 41	20MHz	QPSK	39750	2506.0	1	0	23.46
					1	49	22.89
					1	99	23.08
					50	0	22.94
					50	25	22.61
					50	50	22.44
					100	0	22.40
			40620	2593.0	1	0	23.42
					1	49	23.08
					1	99	22.73
					50	0	22.36
					50	25	22.34
					50	50	22.26
					100	0	22.30
			41490	2680.0	1	0	23.23
					1	49	23.15
					1	99	22.88
					50	0	22.40
					50	25	22.40
					50	50	22.28
					100	0	22.42
		16QAM	39750	2506.0	1	0	22.75
					1	49	22.14
					1	99	22.43
					50	0	22.05
					50	25	21.73
					50	50	21.57
					100	0	21.67
			40620	2593.0	1	0	22.66
					1	49	22.41
					1	99	22.04
					50	0	21.48
					50	25	21.47
					50	50	21.39
					100	0	21.44
			41490	2680.0	1	0	22.55
					1	49	22.46
					1	99	22.19
					50	0	21.50
					50	25	21.51
					50	50	21.39
					100	0	21.42

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Band	Data Rate	CH	Frequency (MHz)	Average Power (dBm)		
				ANT-0	ANT-1	ANT-0+1
IEEE 802.11b	1M	1	2412.0	8.47	8.56	---
		6	2437.0	8.14	8.33	---
		11	2462.0	8.35	8.42	---
	2M	6	2437.0	8.12	8.31	---
	5.5M	6	2437.0	8.07	8.27	---
	11M	6	2437.0	8.10	8.25	---
IEEE 802.11g	6M	1	2412.0	8.16	8.28	11.23
		6	2437.0	7.76	8.12	10.95
		11	2462.0	8.10	8.15	11.14
	9M	6	2437.0	7.74	8.11	10.94
	12M	6	2437.0	7.61	8.01	10.82
	18M	6	2437.0	7.69	8.09	10.90
	24M	6	2437.0	7.57	8.10	10.85
	36M	6	2437.0	7.45	7.97	10.73
	48M	6	2437.0	7.52	7.89	10.72
	54M	6	2437.0	7.71	8.03	10.88
IEEE 802.11n 2.4 GHz 20MHz	13M	1	2412.0	8.01	8.22	11.13
		6	2437.0	7.70	8.04	10.88
		11	2462.0	7.92	7.97	10.96
	26M	6	2437.0	7.68	7.97	10.84
	39M	6	2437.0	7.52	7.90	10.72
	52M	6	2437.0	7.61	7.83	10.73
	78M	6	2437.0	7.55	8.01	10.80
	104M	6	2437.0	7.47	8.00	10.75
	117M	6	2437.0	7.30	7.96	10.65
	130M	6	2437.0	7.35	7.87	10.63
IEEE 802.11n 2.4 GHz 40MHz	27M	3	2422.0	8.10	8.51	11.32
		6	2437.0	7.88	8.40	11.16
		9	2452.0	8.61	8.65	11.64
	54M	6	2437.0	7.82	8.39	11.12
	81M	6	2437.0	7.86	8.27	11.08
	108M	6	2437.0	7.72	8.23	10.99
	162M	6	2437.0	7.69	8.36	11.05
	216M	6	2437.0	7.63	8.31	10.99
	243M	6	2437.0	7.58	8.33	10.98
	270M	6	2437.0	7.65	8.25	10.97

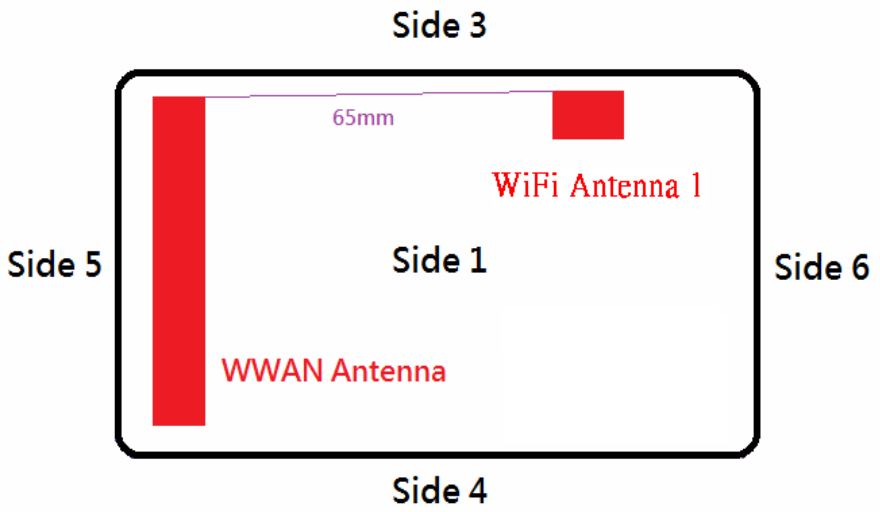
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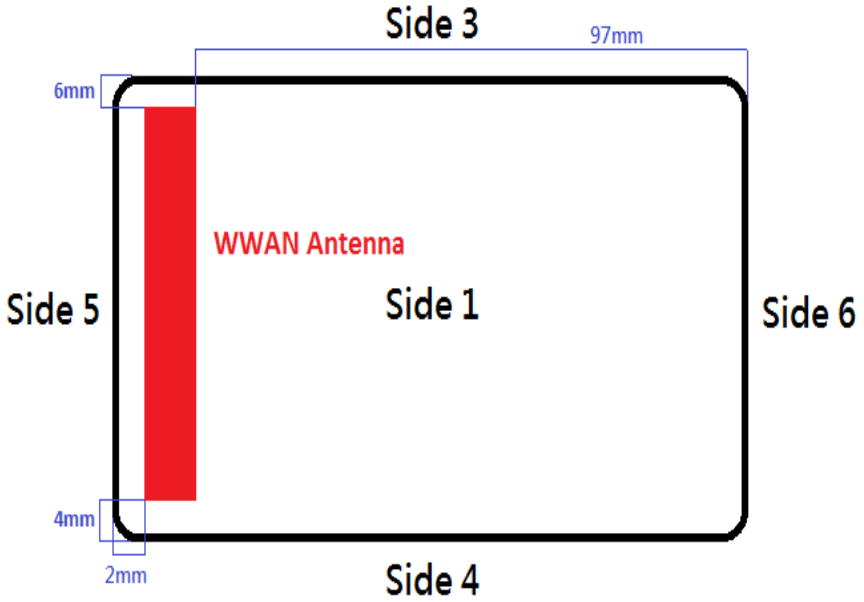
Band	Data Rate	CH	Frequency (MHz)	Average Power (dBm)		
				ANT-0	ANT-1	ANT-0+1
IEEE 802.11a	6M	36	5180.0	8.05	7.86	10.97
		40	5200.0	7.99	7.79	10.90
		44	5220.0	7.84	7.65	10.76
		48	5240.0	7.71	7.54	10.64
		149	5745.0	8.03	7.89	10.97
		153	5765.0	8.27	8.08	11.19
		157	5785.0	8.18	8.04	11.12
		161	5805.0	8.02	7.87	10.96
		165	5825.0	8.16	8.04	11.11
	54M	36	5180.0	8.01	7.82	10.93
		40	5200.0	7.92	7.76	10.85
		44	5220.0	7.80	7.61	10.72
		48	5240.0	7.69	7.54	10.63
		149	5745.0	7.96	7.81	10.90
		153	5765.0	8.23	8.01	11.13
		157	5785.0	8.11	7.96	11.05
		161	5805.0	7.94	7.79	10.88
		165	5825.0	8.08	7.97	11.04
IEEE 802.11n 5 GHz 20MHz	13M	36	5180.0	8.31	8.19	11.26
		40	5200.0	8.37	8.24	11.32
		44	5220.0	8.11	7.94	11.04
		48	5240.0	8.09	7.92	11.02
		149	5745.0	8.07	7.93	11.01
		153	5765.0	8.26	8.16	11.22
		157	5785.0	8.23	8.12	11.19
		161	5805.0	7.99	7.88	10.95
		165	5825.0	8.01	7.90	10.97
	130M	36	5180.0	8.14	8.01	11.09
		40	5200.0	8.19	8.05	11.13
		44	5220.0	7.97	7.81	10.90
		48	5240.0	7.91	7.74	10.84
		149	5745.0	7.87	7.73	10.81
		153	5765.0	8.05	7.96	11.02
		157	5785.0	7.99	7.88	10.95
		161	5805.0	7.76	7.69	10.74
		165	5825.0	7.81	7.71	10.77
IEEE 802.11n 5 GHz 40MHz	27M	38	5190.0	8.41	8.24	11.34
		46	5230.0	8.29	8.04	11.18
		151	5755.0	8.52	8.48	11.51
		159	5795.0	8.45	8.27	11.37
	270M	38	5190.0	7.57	7.38	10.49
		46	5230.0	7.39	7.19	10.30
		151	5755.0	7.72	7.67	10.71
		159	5795.0	7.61	7.55	10.59
IEEE 802.11ac 80MHz	58.6M	42	5210.0	7.98	7.75	10.88
		155	5775.0	8.45	8.26	11.37
	780M	42	5210.0	6.68	6.44	9.57
		155	5775.0	7.73	7.56	10.66

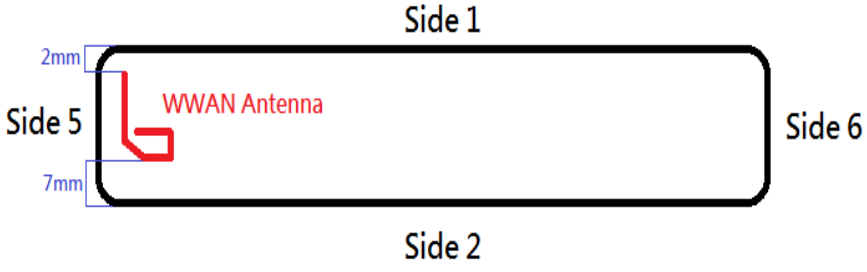
6.10 Antenna location

Antenna-User					
Distance of WWAN_ Antenna to edge		Distance of WLAN_ Antenna1 to edge		Distance of WLAN_ Antenna2 to edge	
WWAN_Antenna to Side 1	2mm	WLAN_Antenna1 to Side 1	7mm	WLAN_Antenna2 to Side 1	7mm
WWAN_Antenna to Side 2	7mm	WLAN_Antenna1 to Side 2	11mm	WLAN_Antenna2 to Side 2	11mm
WWAN_Antenna to Side 3	6mm	WLAN_Antenna1 to Side 3	2mm	WLAN_Antenna2 to Side 3	2mm
WWAN_Antenna to Side 4	4mm	WLAN_Antenna1 to Side 4	61mm	WLAN_Antenna2 to Side 4	61mm
WWAN_Antenna to Side 5	2mm	WLAN_Antenna1 to Side 5	78mm	WLAN_Antenna2 to Side 5	25mm
WWAN_Antenna to Side 6	97mm	WLAN_Antenna1 to Side 6	25mm	WLAN_Antenna2 to Side 6	76mm

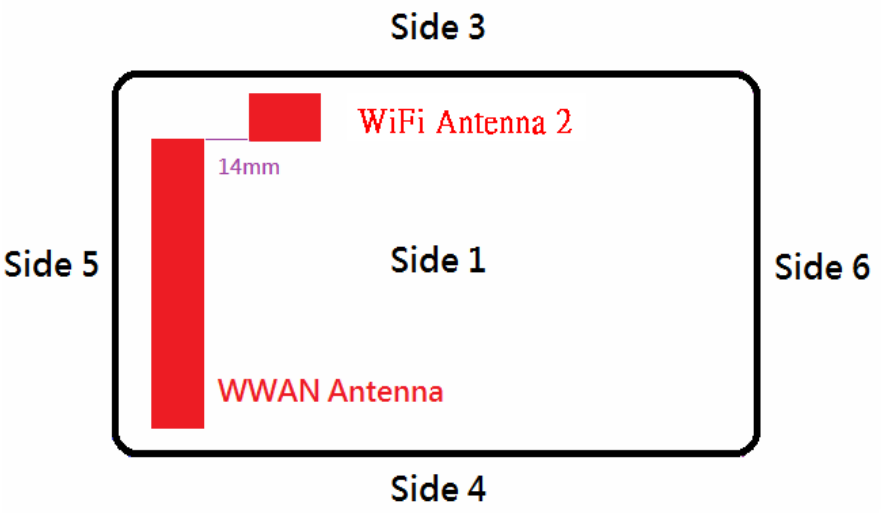
Antenna-Antenna	
Antenna account	Distance (cm)
WWAN_Antenna to WLAN_Antenna1	65mm
WWAN_Antenna to WLAN_Antenna2	14mm
WLAN_Antenna1 to WLAN_Antenna2	45mm

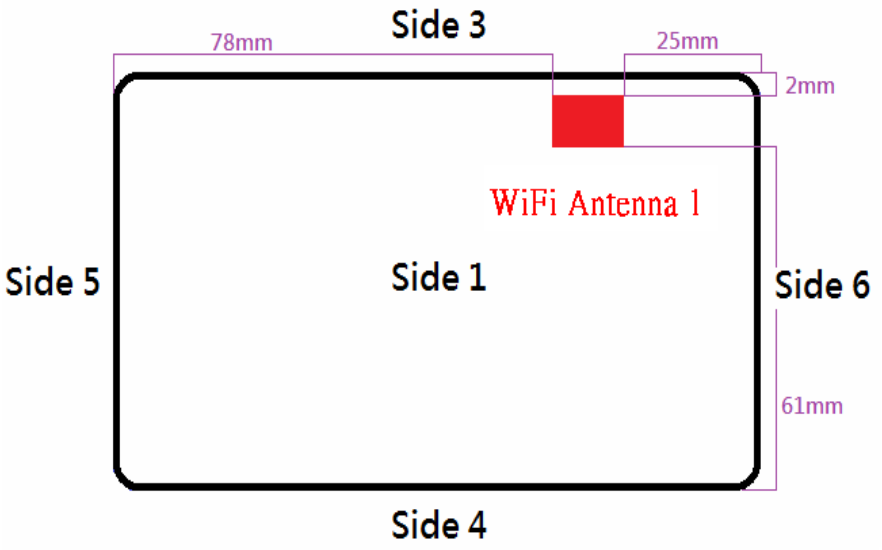


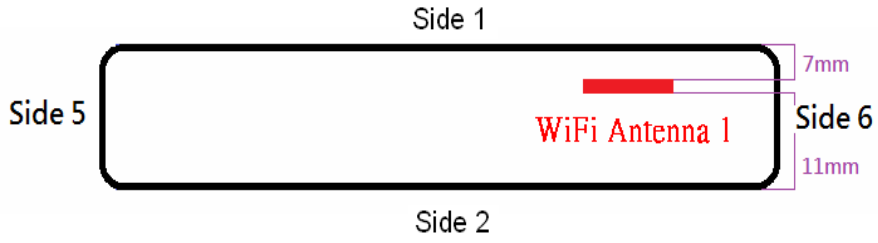




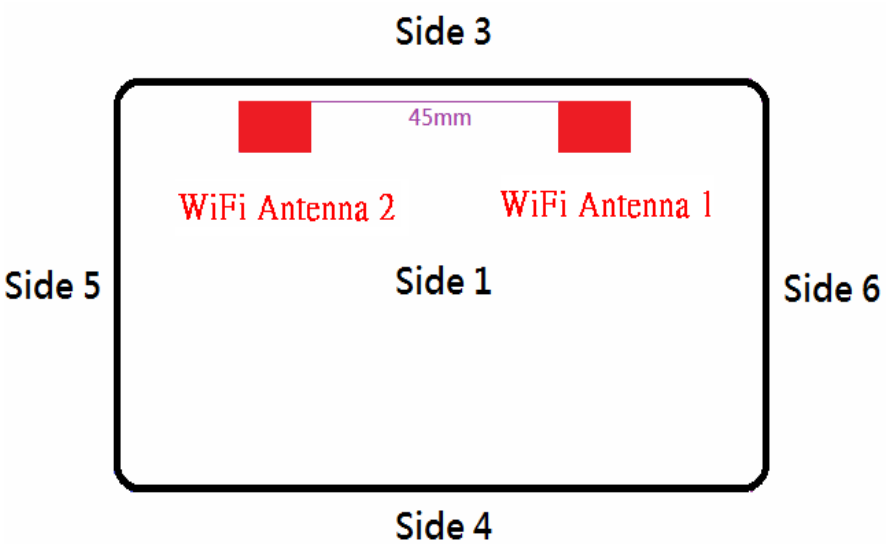
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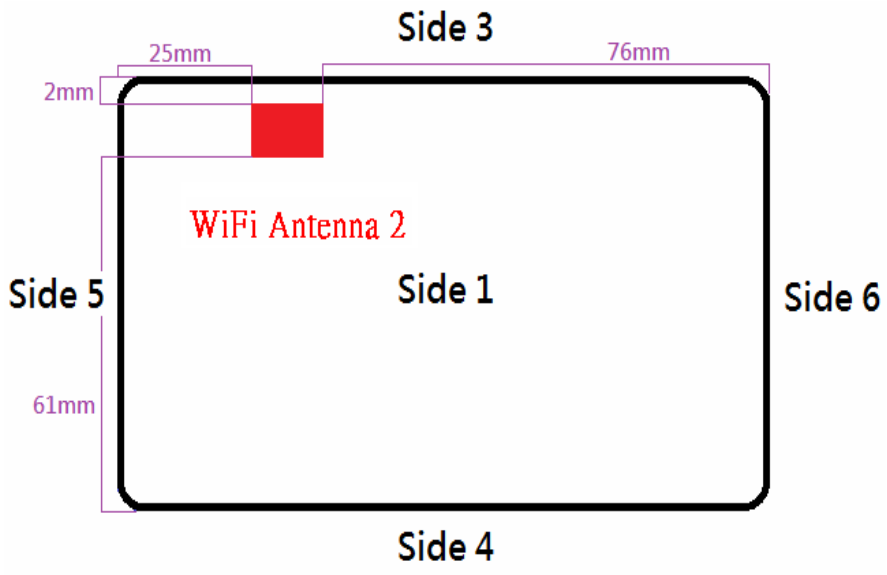


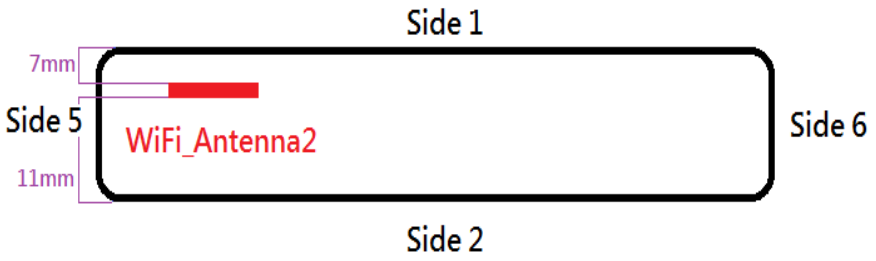




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Side 3
45mm
WiFi Antenna 2
WiFi Antenna 1
Side 5
Side 1
Side 6
Side 4


Side 3
25mm
76mm
2mm
WiFi Antenna 2
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 Antenna1	WLAN Antenna2
WWAN	V	-	-
WLAN	-	V	V

Stand-alone transmission configurations as below:

Band	Side 1	Side 2	Side 3	Side 4	Side 5	Side 6
WCDMA Band II	V	V	V	V	V	-
HSDPA Band II	V	V	-	-	-	-
HSUPA Band II	V	V	-	-	-	-
WCDMA Band IV	V	V	V	V	V	-
HSDPA Band IV	-	V	-	-	-	-
HSUPA Band IV	-	V	-	-	-	-
WCDMA Band V	V	V	V	V	V	-
HSDPA Band V	-	V	-	-	-	-
HSUPA Band V	-	V	-	-	-	-
CDMA 800	V	V	V	V	V	-
1xRTT 800	V	V	V	V	V	-
1xEv-Do 800 Rev. 0	V	V	V	V	V	-
1xEv-Do 800 Rev. A	-	V	-	-	-	-
CDMA 850	V	V	V	V	V	-
1xRTT 850	V	V	V	V	V	-
1xEv-Do 850 Rev. 0	V	V	V	V	V	-
1xEv-Do 850 Rev. A	-	-	-	-	-	-
CDMA 1900	V	V	V	V	V	-
1xRTT 1900	V	V	V	V	V	-
1xEv-Do 1900 Rev. 0	V	V	V	V	V	-
1xEv-Do 1900 Rev. A	-	-	-	-	-	-
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 12	V	V	V	V	V	-
LTE Band 25	V	V	V	V	V	-
LTE Band 26	V	V	V	V	V	-
LTE Band 41	V	V	V	V	V	-
IEEE 802.11b	-	V	V	V	-	-
IEEE 802.11g	-	-	-	-	-	-
IEEE 802.11n 2.4GHz 20MHz	-	-	-	-	-	-
IEEE 802.11n 2.4GHz 40MHz	-	-	-	-	-	-
IEEE 802.11a	V	V	V	V	-	-
IEEE 802.11n 5GHz 20MHz	-	-	-	-	-	-
IEEE 802.11n 5GHz 40MHz	-	-	-	-	-	-
IEEE 802.11ac	-	-	-	-	-	-

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 Tune up (dBm)	Frequency (GHz)	Distance (mm)	Power (mW)	Result	Limit	Exclusion Considerations SAR_{1g}
WWAN Antenna	1	WCDMA Band II	9400	23.5	1.880	5	224	61.4	3	SAR is required
		WCDMA Band IV	1413	22.5	1.733	5	178	46.9	3	SAR is required
		WCDMA Band V	4183	24.5	0.837	5	282	51.6	3	SAR is required
		CDMA 800	560	25	0.820	5	316	57.2	3	SAR is required
		1xRTT 800	560	25	0.820	5	316	57.2	3	SAR is required
		1xEv-Do 800	560	25	0.820	5	316	57.2	3	SAR is required
		CDMA 850	384	24	0.837	5	251	45.9	3	SAR is required
		1xRTT 850	384	24	0.837	5	251	45.9	3	SAR is required
		1xEv-Do 850	384	24	0.837	5	251	45.9	3	SAR is required
		CDMA 1900	600	23	1.880	5	200	54.8	3	SAR is required
		1xRTT 1900	600	23	1.880	5	200	54.8	3	SAR is required
		1xEv-Do 1900	600	23	1.880	5	200	54.8	3	SAR is required
		LTE Band 2	18900	23.5	1.880	5	224	61.4	3	SAR is required
		LTE Band 4	20175	22.5	1.733	5	178	46.9	3	SAR is required
		LTE Band 5	20525	24	0.837	5	251	45.9	3	SAR is required
		LTE Band 12	23095	23.5	0.708	5	224	37.7	3	SAR is required
		LTE Band 25	26365	23.5	1.883	5	224	61.5	3	SAR is required
		LTE Band 26	26865	24	0.832	5	251	45.8	3	SAR is required
		LTE Band 41	40620	24	2.593	5	251	80.8	3	SAR is required
WLAN Antenna1		IEEE 802.11b	1	9.5	2.412	7	9	2	3	SAR is not required
		IEEE 802.11g	1	9.5	2.412	7	9	2	3	SAR is not required
		IEEE 802.11n 2.4GHz 20MHz	1	9.5	2.412	7	9	2	3	SAR is not required
		IEEE 802.11n 2.4GHz 40MHz	9	9.5	2.452	7	9	2	3	SAR is not required
		IEEE 802.11a	36	9.5	5.180	7	9	2.9	3	SAR is not required
		IEEE 802.11a	153	9.5	5.765	7	9	3.1	3	SAR is required
		IEEE 802.11n 5GHz 20 MHz	40	9.5	5.200	7	9	2.9	3	SAR is not required
		IEEE 802.11n 5GHz 20 MHz	153	9.5	5.765	7	9	3.1	3	SAR is required
		IEEE 802.11n 5GHz 40 MHz	38	9.5	5.190	7	9	2.9	3	SAR is not required
		IEEE 802.11n 5GHz 40 MHz	151	9.5	5.755	7	9	3.1	3	SAR is required
		IEEE 802.11ac	42	9.5	5.210	7	9	2.9	3	SAR is not required
		IEEE 802.11ac	155	9.5	5.775	7	9	3.1	3	SAR is required

≤ 50 mm										
Antenna	Side	Band	Channel	Power Tune up (dBm)	Frequency (GHz)	Distance (mm)	Power (mW)	Result	Limit	Exclusion Considerations SAR_{1g}
WLAN Antenna2	1	IEEE 802.11b	1	9.5	2.412	7	9	2	3	SAR is not required
		IEEE 802.11g	1	9.5	2.412	7	9	2	3	SAR is not required
		IEEE 802.11n 2.4GHz 20MHz	1	9.5	2.412	7	9	2	3	SAR is not required
		IEEE 802.11n 2.4GHz 40MHz	9	9.5	2.452	7	9	2	3	SAR is not required
		IEEE 802.11a	36	9.5	5.180	7	9	2.9	3	SAR is not required
		IEEE 802.11a	153	9.5	5.765	7	9	3.1	3	SAR is required
		IEEE 802.11n 5GHz 20 MHz	40	9.5	5.200	7	9	2.9	3	SAR is not required
		IEEE 802.11n 5GHz 20 MHz	153	9.5	5.765	7	9	3.1	3	SAR is required
		IEEE 802.11n 5GHz 40 MHz	38	9.5	5.190	7	9	2.9	3	SAR is not required
		IEEE 802.11n 5GHz 40 MHz	151	9.5	5.755	7	9	3.1	3	SAR is required
		IEEE 802.11ac	42	9.5	5.210	7	9	2.9	3	SAR is not required
		IEEE 802.11ac	155	9.5	5.775	7	9	3.1	3	SAR is required

≤ 50 mm										
Antenna	Side	Band	Channel	Power Tune up (dBm)	Frequency (GHz)	Distance (mm)	Power (mW)	Result	Limit	Exclusion Considerations SAR_{1g}
WWAN Antenna	2	WCDMA Band II	9400	23.5	1.880	7	224	43.9	3	SAR is required
		WCDMA Band IV	1413	22.5	1.733	7	178	33.5	3	SAR is required
		WCDMA Band V	4183	24.5	0.837	7	282	36.8	3	SAR is required
		CDMA 800	560	25	0.820	7	316	40.9	3	SAR is required
		1xRTT 800	560	25	0.820	7	316	40.9	3	SAR is required
		1xEv-Do 800	560	25	0.820	7	316	40.9	3	SAR is required
		CDMA 850	384	24	0.837	7	251	32.8	3	SAR is required
		1xRTT 850	384	24	0.837	7	251	32.8	3	SAR is required
		1xEv-Do 850	384	24	0.837	7	251	32.8	3	SAR is required
		CDMA 1900	600	23	1.880	7	200	39.2	3	SAR is required
		1xRTT 1900	600	23	1.880	7	200	39.2	3	SAR is required
		1xEv-Do 1900	600	23	1.880	7	200	39.2	3	SAR is required
		LTE Band 2	18900	23.5	1.880	7	224	43.9	3	SAR is required
		LTE Band 4	20175	22.5	1.733	7	178	33.5	3	SAR is required
		LTE Band 5	20525	24	0.837	7	251	32.8	3	SAR is required
		LTE Band 12	23095	23.5	0.708	7	224	26.9	3	SAR is required
		LTE Band 25	26365	23.5	1.883	7	224	43.9	3	SAR is required
		LTE Band 26	26865	24	0.832	7	251	32.7	3	SAR is required
		LTE Band 41	40620	24	2.593	7	251	57.7	3	SAR is required
WLAN Antenna1		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	9.5	2.412	11	9	1.3	3	SAR is not required
		IEEE 802.11n 2.4GHz 40MHz	9	9.5	2.452	11	9	1.3	3	SAR is not required
		IEEE 802.11a	36	9.5	5.180	11	9	1.9	3	SAR is not required
		IEEE 802.11a	153	9.5	5.765	11	9	2	3	SAR is not required
		IEEE 802.11n 5GHz 20 MHz	40	9.5	5.200	11	9	1.9	3	SAR is not required
		IEEE 802.11n 5GHz 20 MHz	153	9.5	5.765	11	9	2	3	SAR is not required
		IEEE 802.11n 5GHz 40 MHz	38	9.5	5.190	11	9	1.9	3	SAR is not required
		IEEE 802.11n 5GHz 40 MHz	151	9.5	5.755	11	9	2	3	SAR is not required
		IEEE 802.11ac	42	9.5	5.210	11	9	1.9	3	SAR is not required
		IEEE 802.11ac	155	9.5	5.775	11	9	2	3	SAR is not required

≤ 50 mm										
Antenna	Side	Band	Channel	Power Tune up (dBm)	Frequency (GHz)	Distance (mm)	Power (mW)	Result	Limit	Exclusion Considerations SAR_{1g}
WLAN Antenna2	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	9.5	2.412	11	9	1.3	3	SAR is not required
		IEEE 802.11n 2.4GHz 40MHz	9	9.5	2.452	11	9	1.3	3	SAR is not required
		IEEE 802.11a	36	9.5	5.180	11	9	1.9	3	SAR is not required
		IEEE 802.11a	153	9.5	5.765	11	9	2	3	SAR is not required
		IEEE 802.11n 5GHz 20 MHz	40	9.5	5.200	11	9	1.9	3	SAR is not required
		IEEE 802.11n 5GHz 20 MHz	153	9.5	5.765	11	9	2	3	SAR is not required
		IEEE 802.11n 5GHz 40 MHz	38	9.5	5.190	11	9	1.9	3	SAR is not required
		IEEE 802.11n 5GHz 40 MHz	151	9.5	5.755	11	9	2	3	SAR is not required
		IEEE 802.11ac	42	9.5	5.210	11	9	1.9	3	SAR is not required
		IEEE 802.11ac	155	9.5	5.775	11	9	2	3	SAR is not required

≤ 50 mm										
Antenna	Side	Band	Channel	Power Tune up (dBm)	Frequency (GHz)	Distance (mm)	Power (mW)	Result	Limit	Exclusion Considerations SAR_{1g}
WWAN Antenna	3	WCDMA Band II	9400	23.5	1.880	6	224	51.2	3	SAR is required
		WCDMA Band IV	1413	22.5	1.733	6	178	39	3	SAR is required
		WCDMA Band V	4183	24.5	0.837	6	282	43	3	SAR is required
		CDMA 800	560	25	0.820	6	316	47.7	3	SAR is required
		1xRTT 800	560	25	0.820	6	316	47.7	3	SAR is required
		1xEv-Do 800	560	25	0.820	6	316	47.7	3	SAR is required
		CDMA 850	384	24	0.837	6	251	38.3	3	SAR is required
		1xRTT 850	384	24	0.837	6	251	38.3	3	SAR is required
		1xEv-Do 850	384	24	0.837	6	251	38.3	3	SAR is required
		CDMA 1900	600	23	1.880	6	200	45.7	3	SAR is required
		1xRTT 1900	600	23	1.880	6	200	45.7	3	SAR is required
		1xEv-Do 1900	600	23	1.880	6	200	45.7	3	SAR is required
		LTE Band 2	18900	23.5	1.880	6	224	51.2	3	SAR is required
		LTE Band 4	20175	22.5	1.733	6	178	39	3	SAR is required
		LTE Band 5	20525	24	0.837	6	251	38.3	3	SAR is required
		LTE Band 12	23095	23.5	0.708	6	224	31.4	3	SAR is required
		LTE Band 25	26365	23.5	1.883	6	224	51.2	3	SAR is required
		LTE Band 26	26865	24	0.832	6	251	38.1	3	SAR is required
		LTE Band 41	40620	24	2.593	6	251	67.4	3	SAR is required
WLAN Antenna1		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	9.5	2.412	5	9	2.8	3	SAR is not required
		IEEE 802.11n 2.4GHz 40MHz	9	9.5	2.452	5	9	2.8	3	SAR is not required
		IEEE 802.11a	36	9.5	5.180	5	9	4.1	3	SAR is required
		IEEE 802.11a	153	9.5	5.765	5	9	4.3	3	SAR is required
		IEEE 802.11n 5GHz 20 MHz	40	9.5	5.200	5	9	4.1	3	SAR is required
		IEEE 802.11n 5GHz 20 MHz	153	9.5	5.765	5	9	4.3	3	SAR is required
		IEEE 802.11n 5GHz 40 MHz	151	9.5	5.755	5	9	4.3	3	SAR is required
		IEEE 802.11n 5GHz 40 MHz	42	9.5	5.210	5	9	4.1	3	SAR is required
		IEEE 802.11ac	155	9.5	5.775	5	9	4.3	3	SAR is required
		IEEE 802.11ac	9400	23.5	1.880	6	224	51.2	3	SAR is required

≤ 50 mm										
Antenna	Side	Band	Channel	Power Tune up (dBm)	Frequency (GHz)	Distance (mm)	Power (mW)	Result	Limit	Exclusion Considerations SAR_{1g}
WLAN Antenna2	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	9.5	2.412	5	9	2.8	3	SAR is not required
		IEEE 802.11n 2.4GHz 40MHz	9	9.5	2.452	5	9	2.8	3	SAR is not required
		IEEE 802.11a	36	9.5	5.180	5	9	4.1	3	SAR is required
		IEEE 802.11a	153	9.5	5.765	5	9	4.3	3	SAR is required
		IEEE 802.11n 5GHz 20 MHz	40	9.5	5.200	5	9	4.1	3	SAR is required
		IEEE 802.11n 5GHz 20 MHz	153	9.5	5.765	5	9	4.3	3	SAR is required
		IEEE 802.11n 5GHz 40 MHz	38	9.5	5.190	5	9	4.1	3	SAR is required
		IEEE 802.11n 5GHz 40 MHz	151	9.5	5.755	5	9	4.3	3	SAR is required
		IEEE 802.11ac	42	9.5	5.210	5	9	4.1	3	SAR is required
		IEEE 802.11ac	155	9.5	5.775	5	9	4.3	3	SAR is required

≤ 50 mm										
Antenna	Side	Band	Channel	Power Tune up (dBm)	Frequency (GHz)	Distance (mm)	Power (mW)	Result	Limit	Exclusion Considerations SAR_{1g}
WWAN Antenna	4	WCDMA Band II	9400	23.5	1.880	5	224	61.4	3	SAR is required
		WCDMA Band IV	1413	22.5	1.733	5	178	46.9	3	SAR is required
		WCDMA Band V	4183	24.5	0.837	5	282	51.6	3	SAR is required
		CDMA 800	560	25	0.820	5	316	57.2	3	SAR is required
		1xRTT 800	560	25	0.820	5	316	57.2	3	SAR is required
		1xEv-Do 800	560	25	0.820	5	316	57.2	3	SAR is required
		CDMA 850	384	24	0.837	5	251	45.9	3	SAR is required
		1xRTT 850	384	24	0.837	5	251	45.9	3	SAR is required
		1xEv-Do 850	384	24	0.837	5	251	45.9	3	SAR is required
		CDMA 1900	600	23	1.880	5	200	54.8	3	SAR is required
		1xRTT 1900	600	23	1.880	5	200	54.8	3	SAR is required
		1xEv-Do 1900	600	23	1.880	5	200	54.8	3	SAR is required
		LTE Band 2	18900	23.5	1.880	5	224	61.4	3	SAR is required
		LTE Band 4	20175	22.5	1.733	5	178	46.9	3	SAR is required
		LTE Band 5	20525	24	0.837	5	251	45.9	3	SAR is required
		LTE Band 12	23095	23.5	0.708	5	224	37.7	3	SAR is required
		LTE Band 25	26365	23.5	1.883	5	224	61.5	3	SAR is required
		LTE Band 26	26865	24	0.832	5	251	45.8	3	SAR is required
		LTE Band 41	40620	24	2.593	5	251	80.8	3	SAR is required

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≤ 50 mm										
Antenna	Side	Band	Channel	Power Tune up (dBm)	Frequency (GHz)	Distance (mm)	Power (mW)	Result	Limit	Exclusion Considerations SAR_{1g}
WWAN Antenna	5	WCDMA Band II	9400	23.5	1.880	5	224	61.4	3	SAR is required
		WCDMA Band IV	1413	22.5	1.733	5	178	46.9	3	SAR is required
		WCDMA Band V	4183	24.5	0.837	5	282	51.6	3	SAR is required
		CDMA 800	560	25	0.820	5	316	57.2	3	SAR is required
		1xRTT 800	560	25	0.820	5	316	57.2	3	SAR is required
		1xEv-Do 800	560	25	0.820	5	316	57.2	3	SAR is required
		CDMA 850	384	24	0.837	5	251	45.9	3	SAR is required
		1xRTT 850	384	24	0.837	5	251	45.9	3	SAR is required
		1xEv-Do 850	384	24	0.837	5	251	45.9	3	SAR is required
		CDMA 1900	600	23	1.880	5	200	54.8	3	SAR is required
		1xRTT 1900	600	23	1.880	5	200	54.8	3	SAR is required
		1xEv-Do 1900	600	23	1.880	5	200	54.8	3	SAR is required
		LTE Band 2	18900	23.5	1.880	5	224	61.4	3	SAR is required
		LTE Band 4	20175	22.5	1.733	5	178	46.9	3	SAR is required
		LTE Band 5	20525	24	0.837	5	251	45.9	3	SAR is required
		LTE Band 12	23095	23.5	0.708	5	224	37.7	3	SAR is required
		LTE Band 25	26365	23.5	1.883	5	224	61.5	3	SAR is required
		LTE Band 26	26865	24	0.832	5	251	45.8	3	SAR is required
		LTE Band 41	40620	24	2.593	5	251	80.8	3	SAR is required
WLAN Antenna2		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	9.5	2.412	25	9	0.6	3	SAR is not required
		IEEE 802.11n 2.4GHz 40MHz	9	9.5	2.452	25	9	0.6	3	SAR is not required
		IEEE 802.11a	36	9.5	5.180	25	9	0.8	3	SAR is not required
		IEEE 802.11a	153	9.5	5.765	25	9	0.9	3	SAR is not required
		IEEE 802.11n 5GHz 20 MHz	40	9.5	5.200	25	9	0.8	3	SAR is not required
		IEEE 802.11n 5GHz 20 MHz	153	9.5	5.765	25	9	0.9	3	SAR is not required
		IEEE 802.11n 5GHz 40 MHz	38	9.5	5.190	25	9	0.8	3	SAR is not required
		IEEE 802.11n 5GHz 40 MHz	151	9.5	5.755	25	9	0.9	3	SAR is not required
		IEEE 802.11ac	42	9.5	5.210	25	9	0.8	3	SAR is not required
		IEEE 802.11ac	155	9.5	5.775	25	9	0.9	3	SAR is not required

≤ 50 mm										
Antenna	Side	Band	Channel	Power Tune up (dBm)	Frequency (GHz)	Distance (mm)	Power (mW)	Result	Limit	Exclusion Considerations SAR_{1g}
WLAN Antenna1	6	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	9.5	2.412	25	9	0.6	3	SAR is not required
		IEEE 802.11n 2.4GHz 40MHz	9	9.5	2.452	25	9	0.6	3	SAR is not required
		IEEE 802.11a	36	9.5	5.180	25	9	0.8	3	SAR is not required
		IEEE 802.11a	153	9.5	5.765	25	9	0.9	3	SAR is not required
		IEEE 802.11n 5GHz 20 MHz	40	9.5	5.200	25	9	0.8	3	SAR is not required
		IEEE 802.11n 5GHz 20 MHz	153	9.5	5.765	25	9	0.9	3	SAR is not required
		IEEE 802.11n 5GHz 40 MHz	38	9.5	5.190	25	9	0.8	3	SAR is not required
		IEEE 802.11n 5GHz 40 MHz	151	9.5	5.755	25	9	0.9	3	SAR is not required
		IEEE 802.11ac	42	9.5	5.210	25	9	0.8	3	SAR is not required
		IEEE 802.11ac	155	9.5	5.775	25	9	0.9	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 Tune up (dBm)	Frequency (GHz)	Distance (mm)	Power (mW)	Power Thresholds SAR_{1g} (mW)	Exclusion Considerations SAR^{1g}
WLAN Antenna1	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	9.5	2.412	61	9	207	SAR is not required
		IEEE 802.11n 2.4GHz 40MHz	9	9.5	2.452	61	9	206	SAR is not required
		IEEE 802.11a	36	9.5	5.180	61	9	176	SAR is not required
		IEEE 802.11a	153	9.5	5.765	61	9	172	SAR is not required
		IEEE 802.11n 5GHz 20 MHz	40	9.5	5.200	61	9	176	SAR is not required
		IEEE 802.11n 5GHz 20 MHz	153	9.5	5.765	61	9	172	SAR is not required
		IEEE 802.11n 5GHz 40 MHz	38	9.5	5.190	61	9	176	SAR is not required
		IEEE 802.11n 5GHz 40 MHz	151	9.5	5.755	61	9	173	SAR is not required
		IEEE 802.11ac	42	9.5	5.210	61	9	176	SAR is not required
		IEEE 802.11ac	155	9.5	5.775	61	9	172	SAR is not required
WLAN Antenna2		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	9.5	2.412	61	9	207	SAR is not required
		IEEE 802.11n 2.4GHz 40MHz	9	9.5	2.452	61	9	206	SAR is not required
		IEEE 802.11a	36	9.5	5.180	61	9	176	SAR is not required
		IEEE 802.11a	153	9.5	5.765	61	9	172	SAR is not required
		IEEE 802.11n 5GHz 20 MHz	40	9.5	5.200	61	9	176	SAR is not required
		IEEE 802.11n 5GHz 20 MHz	153	9.5	5.765	61	9	172	SAR is not required
		IEEE 802.11n 5GHz 40 MHz	38	9.5	5.190	61	9	176	SAR is not required
		IEEE 802.11n 5GHz 40 MHz	151	9.5	5.755	61	9	173	SAR is not required
		IEEE 802.11ac	42	9.5	5.210	61	9	176	SAR is not required
		IEEE 802.11ac	155	9.5	5.775	61	9	172	SAR is not required

> 50 mm <200mm									
Antenna	Side	Band	Channel	Power Tune up (dBm)	Frequency (GHz)	Distance (mm)	Power (mW)	Power Thresholds SAR_{1g} (mW)	Exclusion Considerations SAR_{1g}
WLAN Antenna1	5	IEEE 802.11b	1	9.5	2.412	78	9	377	SAR is not required
		IEEE 802.11g	1	9.5	2.412	78	9	377	SAR is not required
		IEEE 802.11n 2.4GHz 20MHz	1	9.5	2.412	78	9	377	SAR is not required
		IEEE 802.11n 2.4GHz 40MHz	9	9.5	2.452	78	9	376	SAR is not required
		IEEE 802.11a	36	9.5	5.180	78	9	346	SAR is not required
		IEEE 802.11a	153	9.5	5.765	78	9	342	SAR is not required
		IEEE 802.11n 5GHz 20 MHz	40	9.5	5.200	78	9	346	SAR is not required
		IEEE 802.11n 5GHz 20 MHz	153	9.5	5.765	78	9	342	SAR is not required
		IEEE 802.11n 5GHz 40 MHz	38	9.5	5.190	78	9	346	SAR is not required
		IEEE 802.11n 5GHz 40 MHz	151	9.5	5.755	78	9	343	SAR is not required
		IEEE 802.11ac	42	9.5	5.210	78	9	346	SAR is not required
		IEEE 802.11ac	155	9.5	5.775	78	9	342	SAR is not required

> 50 mm <200mm									
Antenna	Side	Band	Channel	Power Tune up (dBm)	Frequency (GHz)	Distance (mm)	Power (mW)	Power Thresholds SAR_{1g} (mW)	Exclusion Considerations SAR_{1g}
WWAN Antenna	6	WCDMA Band II	9400	23.5	1.880	97	224	579	SAR is not required
		WCDMA Band IV	1413	22.5	1.733	97	178	584	SAR is not required
		WCDMA Band V	4183	24.5	0.837	97	282	426	SAR is not required
		CDMA 800	560	25	0.820	97	316	423	SAR is not required
		1xRTT 800	560	25	0.820	97	316	423	SAR is not required
		1xEv-Do 800	560	25	0.820	97	316	423	SAR is not required
		CDMA 850	384	24	0.837	97	251	426	SAR is not required
		1xRTT 850	384	24	0.837	97	251	426	SAR is not required
		1xEv-Do 850	384	24	0.837	97	251	426	SAR is not required
		CDMA 1900	600	23	1.880	97	200	579	SAR is not required
		1xRTT 1900	600	23	1.880	97	200	579	SAR is not required
		1xEv-Do 1900	600	23	1.880	97	200	579	SAR is not required
		LTE Band 2	18900	23.5	1.880	97	224	579	SAR is not required
		LTE Band 4	20175	22.5	1.733	97	178	584	SAR is not required
		LTE Band 5	20525	24	0.837	97	251	426	SAR is not required
		LTE Band 12	23095	23.5	0.708	97	224	400	SAR is not required
		LTE Band 25	26365	23.5	1.883	97	224	579	SAR is not required
		LTE Band 26	26865	24	0.832	97	251	425	SAR is not required
		LTE Band 41	40620	24	2.593	97	251	563	SAR is not required

> 50 mm <200mm									
Antenna	Side	Band	Channel	Power Tune up (dBm)	Frequency (GHz)	Distance (mm)	Power (mW)	Power Thresholds SAR_{1g} (mW)	Exclusion Considerations SAR_{1g}
WLAN Antenna2	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	9.5	2.412	76	9	357	SAR is not required
		IEEE 802.11n 2.4GHz 40MHz	9	9.5	2.452	76	9	356	SAR is not required
		IEEE 802.11a	36	9.5	5.180	76	9	326	SAR is not required
		IEEE 802.11a	153	9.5	5.765	76	9	322	SAR is not required
		IEEE 802.11n 5GHz 20 MHz	40	9.5	5.200	76	9	326	SAR is not required
		IEEE 802.11n 5GHz 20 MHz	153	9.5	5.765	76	9	322	SAR is not required
		IEEE 802.11n 5GHz 40 MHz	38	9.5	5.190	76	9	326	SAR is not required
		IEEE 802.11n 5GHz 40 MHz	151	9.5	5.755	76	9	323	SAR is not required
		IEEE 802.11ac	42	9.5	5.210	76	9	326	SAR is not required
		IEEE 802.11ac	155	9.5	5.775	76	9	322	SAR is not required

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

6.12 Simultaneous Transmitting Evaluate

Simultaneous transmission configurations as below:

Condition	Side	Frequency Band		
		WWAN Antenna	WLAN Antenna1	WLAN Antenna2
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 Antenna2	5	IEEE 802.11b	1	9.5	2.412	25	9	0.08
		IEEE 802.11g	1	9.5	2.412	25	9	0.08
		IEEE 802.11n 2.4GHz 20MHz	1	9.5	2.412	25	9	0.08
		IEEE 802.11n 2.4GHz 40MHz	9	9.5	2.452	25	9	0.08
		IEEE 802.11a	36	9.5	5.18	25	9	0.11
		IEEE 802.11a	153	9.5	5.765	25	9	0.12
		IEEE 802.11n 5GHz 20 MHz	40	9.5	5.2	25	9	0.11
		IEEE 802.11n 5GHz 20 MHz	153	9.5	5.765	25	9	0.12
		IEEE 802.11n 5GHz 40 MHz	38	9.5	5.19	25	9	0.11
		IEEE 802.11ac	42	9.5	5.21	25	9	0.11
		IEEE 802.11ac	155	9.5	5.775	25	9	0.12
WLAN Antenna1	6	IEEE 802.11b	1	9.5	2.412	25	9	0.08
		IEEE 802.11g	1	9.5	2.412	25	9	0.08
		IEEE 802.11n 2.4GHz 20MHz	1	9.5	2.412	25	9	0.08
		IEEE 802.11n 2.4GHz 40MHz	9	9.5	2.452	25	9	0.08
		IEEE 802.11a	36	9.5	5.18	25	9	0.11
		IEEE 802.11a	153	9.5	5.765	25	9	0.12
		IEEE 802.11n 5GHz 20 MHz	40	9.5	5.2	25	9	0.11
		IEEE 802.11n 5GHz 20 MHz	153	9.5	5.765	25	9	0.12
		IEEE 802.11n 5GHz 40 MHz	38	9.5	5.19	25	9	0.11
		IEEE 802.11ac	42	9.5	5.21	25	9	0.11
		IEEE 802.11ac	155	9.5	5.775	25	9	0.12

> 50 mm			
Antenna	Side	Band	Estimated SAR_{1g} (W/Kg)
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	0.4
WWAN Antenna	6	WCDMA Band II	0.4
		WCDMA Band IV	0.4
		WCDMA Band V	0.4
		CDMA 800	0.4
		CDMA 850	0.4
		CDMA 1900	0.4
		LTE Band 2	0.4
		LTE Band 4	0.4
		LTE Band 5	0.4
		LTE Band 12	0.4
		LTE Band 25	0.4
		LTE Band 26	0.4
		LTE Band 41	0.4
WLAN Antenna 1		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	0.4

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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		∑ SAR_{1g} (W/Kg)	Event
				Band	SAR_{1g} (W/Kg)	Band	SAR_{1g} (W/Kg)	Band	SAR_{1g} (W/Kg)		
Flat	Side 1	10	N/A	WCDMA Band II	1.45	WLAN 5GHz	0.08	WLAN 5GHz	0.11	1.64	>1.6
		10	N/A	WCDMA Band IV	1.12	WLAN 5GHz	0.08	WLAN 5GHz	0.11	1.31	<1.6
		10	N/A	WCDMA Band V	1.08	WLAN 5GHz	0.08	WLAN 5GHz	0.11	1.27	<1.6
		10	N/A	CDMA 800	1.14	WLAN 5GHz	0.08	WLAN 5GHz	0.11	1.33	<1.6
		10	N/A	CDMA 850	1.11	WLAN 5GHz	0.08	WLAN 5GHz	0.11	1.30	<1.6
		10	N/A	CDMA 1900	1.35	WLAN 5GHz	0.08	WLAN 5GHz	0.11	1.54	<1.6
		10	N/A	LTE Band 2	0.70	WLAN 5GHz	0.08	WLAN 5GHz	0.11	0.89	<1.6
		10	N/A	LTE Band 4	1.20	WLAN 5GHz	0.08	WLAN 5GHz	0.11	1.39	<1.6
		10	N/A	LTE Band 5	1.05	WLAN 5GHz	0.08	WLAN 5GHz	0.11	1.24	<1.6
		10	N/A	LTE Band 12	1.18	WLAN 5GHz	0.08	WLAN 5GHz	0.11	1.37	<1.6
		10	N/A	LTE Band 25	0.79	WLAN 5GHz	0.08	WLAN 5GHz	0.11	0.98	<1.6
		10	N/A	LTE Band 26	0.91	WLAN 5GHz	0.08	WLAN 5GHz	0.11	1.10	<1.6
		10	N/A	LTE Band 41	0.93	WLAN 5GHz	0.08	WLAN 5GHz	0.11	1.12	<1.6
Flat	Side 2	10	N/A	WCDMA Band II	1.24	WLAN 5GHz	0.08	WLAN 5GHz	0.08	1.40	<1.6
		10	N/A	WCDMA Band IV	1.43	WLAN 5GHz	0.08	WLAN 5GHz	0.08	1.59	<1.6
		10	N/A	WCDMA Band V	1.25	WLAN 5GHz	0.08	WLAN 5GHz	0.08	1.41	<1.6
		10	N/A	CDMA 800	1.44	WLAN 5GHz	0.08	WLAN 5GHz	0.08	1.60	≧1.6
		10	N/A	CDMA 850	1.18	WLAN 5GHz	0.08	WLAN 5GHz	0.08	1.34	<1.6
		10	N/A	CDMA 1900	1.40	WLAN 5GHz	0.08	WLAN 5GHz	0.08	1.56	<1.6
		10	N/A	LTE Band 2	0.83	WLAN 5GHz	0.08	WLAN 5GHz	0.08	0.99	<1.6
		10	N/A	LTE Band 4	1.32	WLAN 5GHz	0.08	WLAN 5GHz	0.08	1.48	<1.6
		10	N/A	LTE Band 5	1.27	WLAN 5GHz	0.08	WLAN 5GHz	0.08	1.43	<1.6
		10	N/A	LTE Band 12	1.37	WLAN 5GHz	0.08	WLAN 5GHz	0.08	1.53	<1.6
		10	N/A	LTE Band 25	1.43	WLAN 5GHz	0.08	WLAN 5GHz	0.08	1.59	<1.6
		10	N/A	LTE Band 26	1.08	WLAN 5GHz	0.08	WLAN 5GHz	0.08	1.24	<1.6
		10	N/A	LTE Band 41	0.90	WLAN 5GHz	0.08	WLAN 5GHz	0.08	1.06	<1.6

Phantom Position		Spacing (mm)	ASSY	WWAN Antenna		WLAN Antenna 1		WLAN Antenna 2		∑ SAR_{1g} (W/Kg)	Event
				Band	SAR_{1g} (W/Kg)	Band	SAR_{1g} (W/Kg)	Band	SAR_{1g} (W/Kg)		
Flat	Side 3	10	N/A	WCDMA Band II	0.40	WLAN 5GHz	0.19	WLAN 5GHz	0.22	0.81	<1.6
		10	N/A	WCDMA Band IV	0.48	WLAN 5GHz	0.19	WLAN 5GHz	0.22	0.89	<1.6
		10	N/A	WCDMA Band V	0.52	WLAN 5GHz	0.19	WLAN 5GHz	0.22	0.93	<1.6
		10	N/A	CDMA 800	0.60	WLAN 5GHz	0.19	WLAN 5GHz	0.22	1.01	<1.6
		10	N/A	CDMA 850	0.55	WLAN 5GHz	0.19	WLAN 5GHz	0.22	0.96	<1.6
		10	N/A	CDMA 1900	0.41	WLAN 5GHz	0.19	WLAN 5GHz	0.22	0.82	<1.6
		10	N/A	LTE Band 2	0.38	WLAN 5GHz	0.19	WLAN 5GHz	0.22	0.79	<1.6
		10	N/A	LTE Band 4	0.79	WLAN 5GHz	0.19	WLAN 5GHz	0.22	1.20	<1.6
		10	N/A	LTE Band 5	0.55	WLAN 5GHz	0.19	WLAN 5GHz	0.22	0.96	<1.6
		10	N/A	LTE Band 12	0.51	WLAN 5GHz	0.19	WLAN 5GHz	0.22	0.92	<1.6
		10	N/A	LTE Band 25	0.37	WLAN 5GHz	0.19	WLAN 5GHz	0.22	0.78	<1.6
		10	N/A	LTE Band 26	0.45	WLAN 5GHz	0.19	WLAN 5GHz	0.22	0.86	<1.6
		10	N/A	LTE Band 41	0.05	WLAN 5GHz	0.19	WLAN 5GHz	0.22	0.46	<1.6
Flat	Side 4	10	N/A	WCDMA Band II	0.48	WLAN 5GHz	0.02	WLAN 5GHz	0.05	0.55	<1.6
		10	N/A	WCDMA Band IV	0.52	WLAN 5GHz	0.02	WLAN 5GHz	0.05	0.59	<1.6
		10	N/A	WCDMA Band V	0.38	WLAN 5GHz	0.02	WLAN 5GHz	0.05	0.45	<1.6
		10	N/A	CDMA 800	0.54	WLAN 5GHz	0.02	WLAN 5GHz	0.05	0.61	<1.6
		10	N/A	CDMA 850	0.41	WLAN 5GHz	0.02	WLAN 5GHz	0.05	0.48	<1.6
		10	N/A	CDMA 1900	0.62	WLAN 5GHz	0.02	WLAN 5GHz	0.05	0.69	<1.6
		10	N/A	LTE Band 2	0.34	WLAN 5GHz	0.02	WLAN 5GHz	0.05	0.41	<1.6
		10	N/A	LTE Band 4	0.62	WLAN 5GHz	0.02	WLAN 5GHz	0.05	0.69	<1.6
		10	N/A	LTE Band 5	0.42	WLAN 5GHz	0.02	WLAN 5GHz	0.05	0.49	<1.6
		10	N/A	LTE Band 12	0.41	WLAN 5GHz	0.02	WLAN 5GHz	0.05	0.48	<1.6
		10	N/A	LTE Band 25	0.37	WLAN 5GHz	0.02	WLAN 5GHz	0.05	0.44	<1.6
		10	N/A	LTE Band 26	0.36	WLAN 5GHz	0.02	WLAN 5GHz	0.05	0.43	<1.6
		10	N/A	LTE Band 41	1.17	WLAN 5GHz	0.02	WLAN 5GHz	0.05	1.24	<1.6

Phantom Position		Spacing (mm)	ASSY	WWAN Antenna		WLAN Antenna 1		WLAN Antenna 2		∑ SAR_{1g} (W/Kg)	Event
				Band	SAR_{1g} (W/Kg)	Band	SAR_{1g} (W/Kg)	Band	SAR_{1g} (W/Kg)		
Flat	Side 5	10	N/A	WCDMA Band II	0.44	WLAN 5GHz	**0.4	WLAN 5GHz	*0.12	0.96	<1.6
		10	N/A	WCDMA Band IV	0.35	WLAN 5GHz	**0.4	WLAN 5GHz	*0.12	0.87	<1.6
		10	N/A	WCDMA Band V	0.17	WLAN 5GHz	**0.4	WLAN 5GHz	*0.12	0.69	<1.6
		10	N/A	CDMA 800	0.20	WLAN 5GHz	**0.4	WLAN 5GHz	*0.12	0.72	<1.6
		10	N/A	CDMA 850	0.15	WLAN 5GHz	**0.4	WLAN 5GHz	*0.12	0.67	<1.6
		10	N/A	CDMA 1900	0.55	WLAN 5GHz	**0.4	WLAN 5GHz	*0.12	1.07	<1.6
		10	N/A	LTE Band 2	0.52	WLAN 5GHz	**0.4	WLAN 5GHz	*0.12	1.04	<1.6
		10	N/A	LTE Band 4	0.48	WLAN 5GHz	**0.4	WLAN 5GHz	*0.12	1.00	<1.6
		10	N/A	LTE Band 5	0.12	WLAN 5GHz	**0.4	WLAN 5GHz	*0.12	0.64	<1.6
		10	N/A	LTE Band 12	0.06	WLAN 5GHz	**0.4	WLAN 5GHz	*0.12	0.58	<1.6
		10	N/A	LTE Band 25	0.46	WLAN 5GHz	**0.4	WLAN 5GHz	*0.12	0.98	<1.6
		10	N/A	LTE Band 26	0.14	WLAN 5GHz	**0.4	WLAN 5GHz	*0.12	0.66	<1.6
		10	N/A	LTE Band 41	0.60	WLAN 5GHz	**0.4	WLAN 5GHz	*0.12	1.12	<1.6
Flat	Side 6	10	N/A	WCDMA Band II	**0.4	WLAN 5GHz	*0.12	WLAN 5GHz	**0.4	0.92	<1.6
		10	N/A	WCDMA Band IV	**0.4	WLAN 5GHz	*0.12	WLAN 5GHz	**0.4	0.92	<1.6
		10	N/A	WCDMA Band V	**0.4	WLAN 5GHz	*0.12	WLAN 5GHz	**0.4	0.92	<1.6
		10	N/A	CDMA 800	**0.4	WLAN 5GHz	*0.12	WLAN 5GHz	**0.4	0.92	<1.6
		10	N/A	CDMA 850	**0.4	WLAN 5GHz	*0.12	WLAN 5GHz	**0.4	0.92	<1.6
		10	N/A	CDMA 1900	**0.4	WLAN 5GHz	*0.12	WLAN 5GHz	**0.4	0.92	<1.6
		10	N/A	LTE Band 2	**0.4	WLAN 5GHz	*0.12	WLAN 5GHz	**0.4	0.92	<1.6
		10	N/A	LTE Band 4	**0.4	WLAN 5GHz	*0.12	WLAN 5GHz	**0.4	0.92	<1.6
		10	N/A	LTE Band 5	**0.4	WLAN 5GHz	*0.12	WLAN 5GHz	**0.4	0.92	<1.6
		10	N/A	LTE Band 12	**0.4	WLAN 5GHz	*0.12	WLAN 5GHz	**0.4	0.92	<1.6
		10	N/A	LTE Band 25	**0.4	WLAN 5GHz	*0.12	WLAN 5GHz	**0.4	0.92	<1.6
		10	N/A	LTE Band 26	**0.4	WLAN 5GHz	*0.12	WLAN 5GHz	**0.4	0.92	<1.6
		10	N/A	LTE Band 41	**0.4	WLAN 5GHz	*0.12	WLAN 5GHz	**0.4	0.92	<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.

DASY stores the individual coordinates of each measurement point, whereby the center coordinate (x=0, y=0) is always the Grid Reference Point as set in the Phantom properties within DASY setup pane. As long as the same phantom section is used the distance between two hot spots can be calculated with the Pythagoras' theorem.

E.g. Antenna 1 has X1, Y1, Z1 and Antenna 2 has X2, Y2, Z2 as the hot spot coordinates. The closest distance between them is

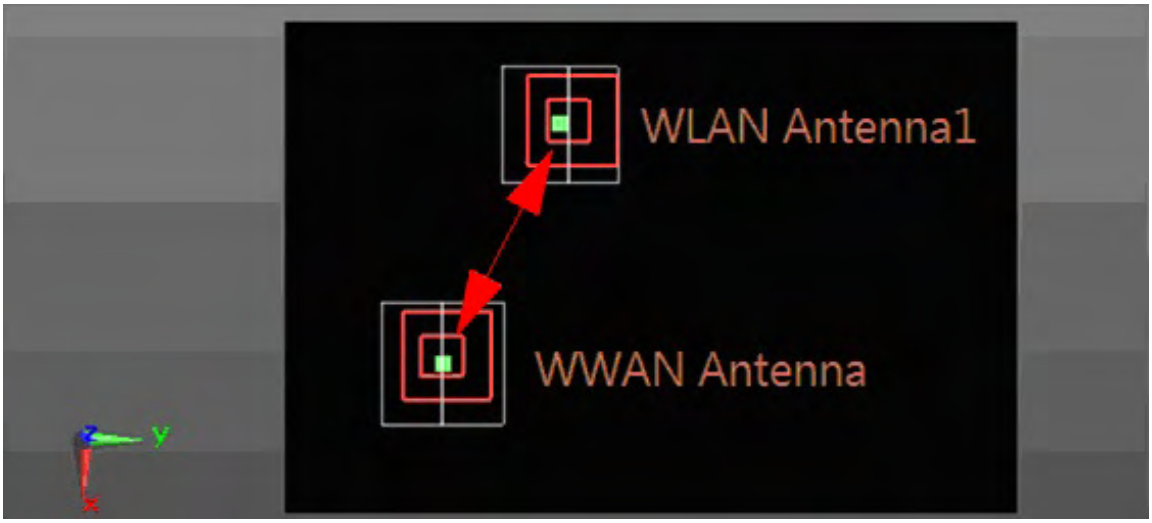
$$d = \sqrt[2]{(X1 - X2)^2 + (Y1 - Y2)^2 + (Z1 - Z2)^2}$$

Phantom Position		Spacing (mm)	Antenna	Band	Channel	Hot spots Max. Vaule (mW/g)	X (m)	Y (m)	Z (m)
Flat	Side 1	10	WWAN Antenna	WCDMA Band II	9400	1.690	0.01910	-0.03000	-0.17800
		10	WLAN Antenna 1	IEEE 802.11a	153	0.130	-0.02600	-0.01200	-0.17800
		10	WLAN Antenna 2	IEEE 802.11a	153	0.163	-0.02890	-0.03000	-0.17700
	Side 2	10	WWAN Antenna	CDMA 800	670	1.260	-0.00947	0.02400	-0.17900
		10	WLAN Antenna 1	IEEE 802.11a	153	0.139	0.03300	-0.00799	-0.17700
		10	WLAN Antenna 2	IEEE 802.11a	153	0.139	0.02910	-0.00699	-0.17700

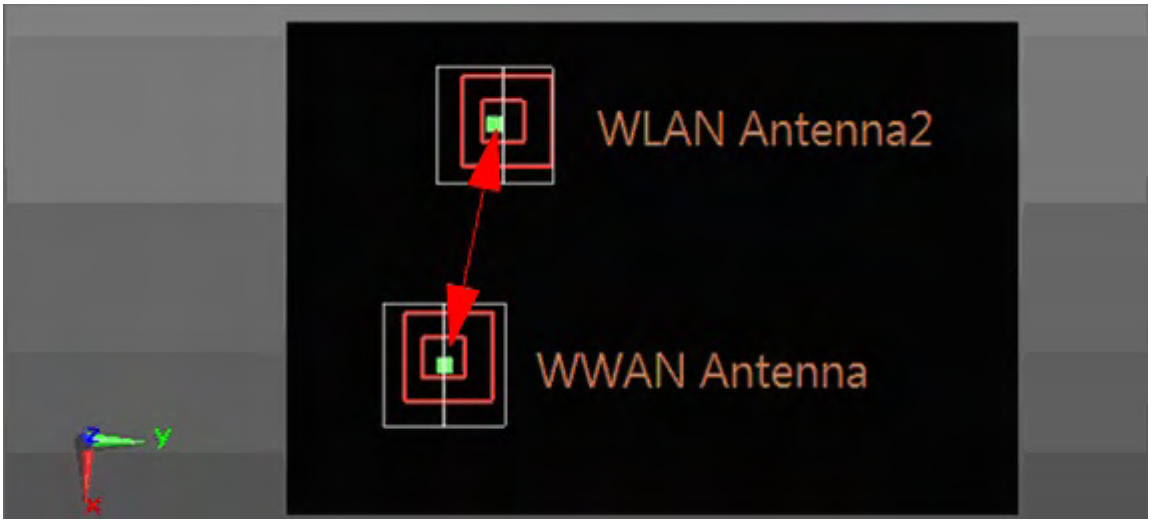
Antenna to Antenna							Distance	
Phantom Position		Spacing (mm)	Antenna 1		Antenna 2		m	mm
			Antenna	Band	Antenna	Band		
Flat	Side 1	10	WWAN Antenna	WCDMA Band II	WLAN Antenna 1	IEEE 802.11a	0.049	49
		10	WWAN Antenna	WCDMA Band II	WLAN Antenna 2	IEEE 802.11a	0.048	48
		10	WLAN Antenna 1	IEEE 802.11a	WLAN Antenna 2	IEEE 802.11a	0.018	18
	Side 2	10	WWAN Antenna	CDMA 800	WLAN Antenna 1	IEEE 802.11a	0.053	53
		10	WWAN Antenna	CDMA 800	WLAN Antenna 2	IEEE 802.11a	0.050	50
		10	WLAN Antenna 1	IEEE 802.11a	WLAN Antenna 2	IEEE 802.11a	0.004	4

Phantom Position		Spacing (mm)	Antenna 1			Antenna 2			SAR1+SAR2 (W/Kg)	Distance [Ri] (mm)	SPLSR	Event
			Antenna	Band	SAR_{1g} (W/Kg)	Antenna	Band	SAR^{1g} (W/Kg)				
Flat	Side 1	10	WWAN Antenna	WCDMA Band II	1.45	WLAN Antenna 1	IEEE 802.11a	0.08	1.53	49	0.04	< 0.04
		10	WWAN Antenna	WCDMA Band II	1.45	WLAN Antenna 2	IEEE 802.11a	0.11	1.56	48	0.04	= 0.04
		10	WLAN Antenna 1	IEEE 802.11a	0.08	WLAN Antenna 2	IEEE 802.11a	0.11	0.19	18	0.00	< 0.04
Flat	Side 2	10	WWAN Antenna	CDMA 800	1.44	WLAN Antenna 1	IEEE 802.11a	0.08	1.52	53	0.04	= 0.04
		10	WWAN Antenna	CDMA 800	1.44	WLAN Antenna 2	IEEE 802.11a	0.08	1.52	50	0.04	= 0.04
		10	WLAN Antenna 1	IEEE 802.11a	0.08	WLAN Antenna 2	IEEE 802.11a	0.08	0.16	4	0.02	< 0.04

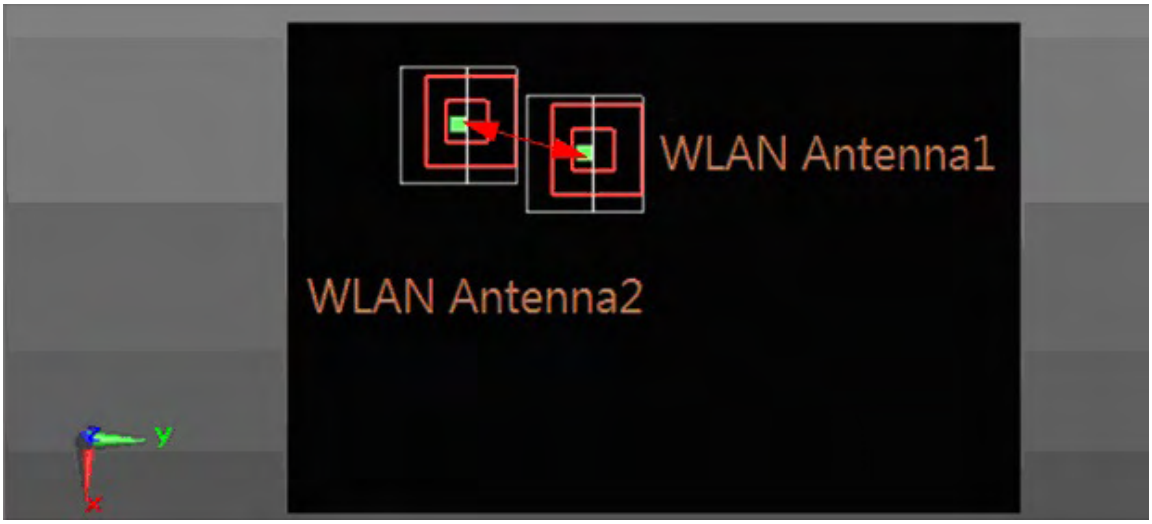
Phantom Position	Antenna 1		Antenna 2	
	Antenna	Band	Antenna	Band
Side 1	WWAN Antenna	WCDMA Band II	WLAN Antenna 1	IEEE 802.11a



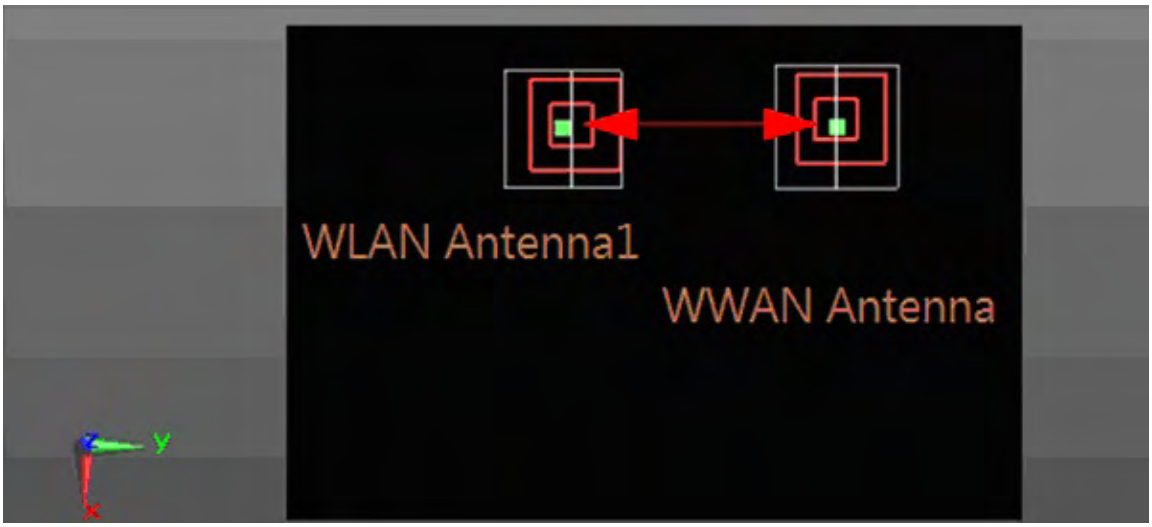
Phantom Position	Antenna 1		Antenna 2	
	Antenna	Band	Antenna	Band
Side 1	WWAN Antenna	WCDMA Band II	WLAN Antenna 2	IEEE 802.11a



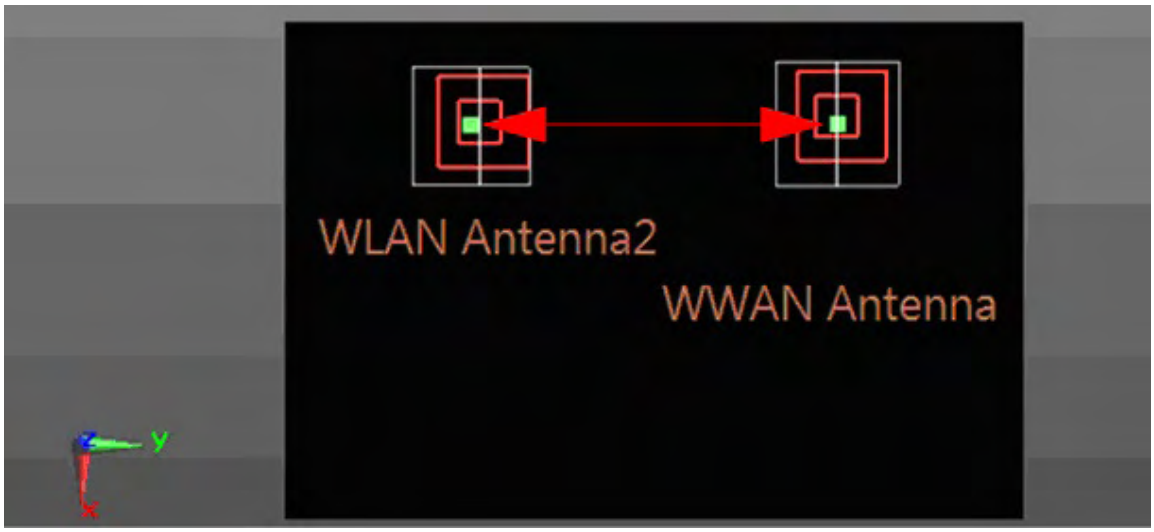
Phantom Position	Antenna 1		Antenna 2	
	Antenna	Band	Antenna	Band
Side 1	WLAN Antenna 1	IEEE 802.11a	WLAN Antenna 2	IEEE 802.11a



Phantom Position	Antenna 1		Antenna 2	
	Antenna	Band	Antenna	Band
Side 2	WWAN Antenna	CDMA 800	WLAN Antenna 1	IEEE 802.11a

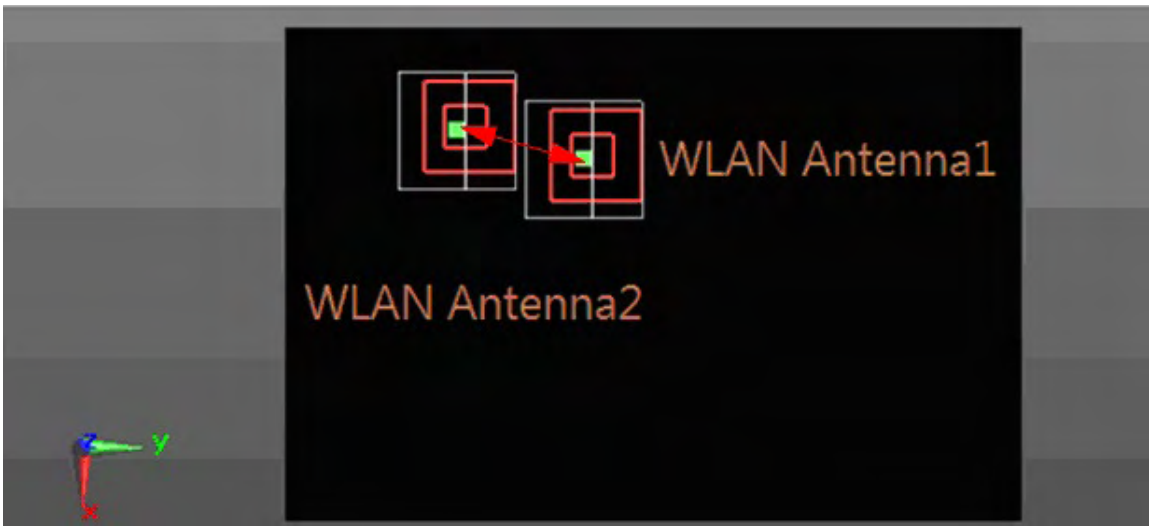


Phantom Position	Antenna 1		Antenna 2	
	Antenna	Band	Antenna	Band
Side 2	WWAN Antenna	CDMA 800	WLAN Antenna 2	IEEE 802.11a



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Phantom Position	Antenna 1		Antenna 2	
	Antenna	Band	Antenna	Band
Side 2	WLAN Antenna 1	IEEE 802.11a	WLAN Antenna 2	IEEE 802.11a



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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], IEEE1528-2013.
- 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 IEEE1528-2013.

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 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 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.

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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	750, 835, 1750, 1900 ,2450, 2600, 5200 and 5800 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	D750V2: dipole length 177 mm; overall height 300 mm 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

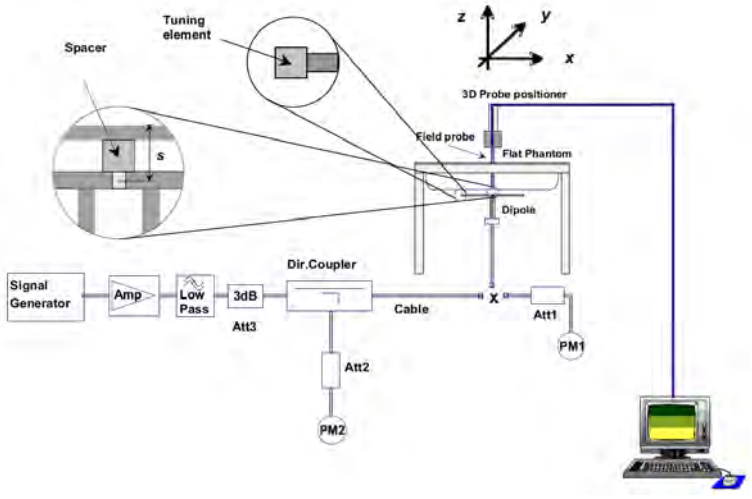


Figure 8. System Verification Setup Diagram



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
750MHz (Body)	698MHz	22.0	εr	55.73	54.94	-1.42%	± 5	2015/7/20
			σ	0.959	0.944	-1.56%	± 5	
	730MHz	22.0	εr	55.61	54.27	-2.41%	± 5	
			σ	0.962	0.985	2.39%	± 5	
	750MHz	22.0	εr	55.53	54.58	-1.71%	± 5	
			σ	0.963	1.011	4.98%	± 5	
835MHz (Body)	820MHz	22.0	εr	55.26	55.89	1.14%	± 5	2015/7/29
			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	2015/7/30
			σ	0.969	0.970	0.10%	± 5	
	835MHz	22.0	εr	55.20	54.60	-1.09%	± 5	
			σ	0.970	0.980	1.03%	± 5	
	850MHz	22.0	εr	55.15	54.54	-1.11%	± 5	
			σ	0.988	1.003	1.52%	± 5	
835MHz (Body)	820MHz	22.0	εr	55.26	55.89	1.14%	± 5	2015/8/6
			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	2015/8/20
			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	

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
835MHz (Body)	820MHz	22.0	εr	55.26	55.89	1.14%	± 5	2015/9/11
			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	2015/9/24
			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	
1750MHz (Body)	1700MHz	22.0	εr	53.56	53.33	-0.43%	± 5	2015/7/17
			σ	1.457	1.500	2.95%	± 5	
	1750MHz	22.0	εr	53.43	53.72	0.54%	± 5	
			σ	1.488	1.500	0.81%	± 5	
	1760MHz	22.0	εr	53.41	53.83	0.79%	± 5	
			σ	1.495	1.500	0.33%	± 5	
1750MHz (Body)	1700MHz	22.0	εr	53.56	53.33	-0.43%	± 5	2015/8/12
			σ	1.457	1.500	2.95%	± 5	
	1750MHz	22.0	εr	53.43	53.72	0.54%	± 5	
			σ	1.488	1.500	0.81%	± 5	
	1760MHz	22.0	εr	53.41	53.83	0.79%	± 5	
			σ	1.495	1.500	0.33%	± 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
1900MHz (Body)	1850MHz	22.0	εr	53.30	52.24	-1.99%	± 5	2015/7/16
			σ	1.520	1.454	-4.34%	± 5	
	1900MHz	22.0	εr	53.30	52.01	-2.42%	± 5	
			σ	1.520	1.469	-3.36%	± 5	
	1950MHz	22.0	εr	53.30	51.93	-2.57%	± 5	
			σ	1.520	1.563	2.83%	± 5	
1900MHz (Body)	1850MHz	22.0	εr	53.30	52.24	-1.99%	± 5	2015/7/22
			σ	1.520	1.454	-4.34%	± 5	
	1900MHz	22.0	εr	53.30	52.01	-2.42%	± 5	
			σ	1.520	1.469	-3.36%	± 5	
	1950MHz	22.0	εr	53.30	51.93	-2.57%	± 5	
			σ	1.520	1.563	2.83%	± 5	
1900MHz (Body)	1850MHz	22.0	εr	53.30	52.24	-1.99%	± 5	2015/8/6
			σ	1.520	1.454	-4.34%	± 5	
	1900MHz	22.0	εr	53.30	52.01	-2.42%	± 5	
			σ	1.520	1.469	-3.36%	± 5	
	1950MHz	22.0	εr	53.30	51.93	-2.57%	± 5	
			σ	1.520	1.563	2.83%	± 5	
1900MHz (Body)	1850MHz	22.0	εr	53.30	52.24	-1.99%	± 5	2015/9/11
			σ	1.520	1.454	-4.34%	± 5	
	1900MHz	22.0	εr	53.30	52.01	-2.42%	± 5	
			σ	1.520	1.469	-3.36%	± 5	
	1950MHz	22.0	εr	53.30	51.93	-2.57%	± 5	
			σ	1.520	1.563	2.83%	± 5	
1900MHz (Body)	1850MHz	22.0	εr	53.30	52.24	-1.99%	± 5	2015/9/14
			σ	1.520	1.454	-4.34%	± 5	
	1900MHz	22.0	εr	53.30	52.01	-2.42%	± 5	
			σ	1.520	1.469	-3.36%	± 5	
	1950MHz	22.0	εr	53.30	51.93	-2.57%	± 5	
			σ	1.520	1.563	2.83%	± 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
2450MHz (Body)	2490MHz	22.0	εr	52.77	50.88	-3.58%	± 5	2015/7/30
			σ	1.902	1.865	-1.95%	± 5	
	2500MHz	22.0	εr	52.70	50.72	-3.76%	± 5	
			σ	1.950	1.920	-1.54%	± 5	
	2510MHz	22.0	εr	52.64	50.59	-3.89%	± 5	
			σ	2.021	1.980	-2.03%	± 5	
2450MHz (Body)	2400MHz	22.0	εr	52.77	50.88	-3.58%	± 5	2015/9/16
			σ	1.902	1.865	-1.95%	± 5	
	2450MHz	22.0	εr	52.70	50.72	-3.76%	± 5	
			σ	1.950	1.920	-1.54%	± 5	
	2500MHz	22.0	εr	52.64	50.59	-3.89%	± 5	
			σ	2.021	1.980	-2.03%	± 5	
2600MHz (Body)	2500MHz	22.0	εr	52.64	51.75	-1.69%	± 5	2015/7/31
			σ	2.021	1.982	-1.93%	± 5	
	2550MHz	22.0	εr	52.57	51.75	-1.56%	± 5	
			σ	2.092	2.064	-1.34%	± 5	
	2600MHz	22.0	εr	52.51	51.45	-2.02%	± 5	
			σ	2.163	2.116	-2.17%	± 5	
5200MHz (Body)	5150MHz	22.0	εr	49.08	47.89	-2.43%	± 5	2015/9/23
			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	
5800MHz (Body)	5750MHz	22.0	εr	48.27	46.54	-3.58%	± 5	2015/9/24
			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 750, 835, 1750, 1900, 2450, 5200 and 5800MHz.

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} (mW/g)	SAR_{10g} (mW/g)	
Body	750	250 mW	2.09	1.37	0.029	-1.20%	-2.70%	EX3DV4-SN3847	D750V3-SN1132	8.46	5.63	Jul. 20 ,2015
		Normalize to 1 Watt	8.36	5.48								
Body	835	250 mW	2.29	1.5	0.009	-1.30%	-2.30%	EX3DV4-SN3847	D835V2-SN4d120	9.28	6.14	Jul. 29 ,2015
		Normalize to 1 Watt	9.16	6.00								
Body	835	250 mW	2.26	1.49	-0.129	-2.60%	-2.90%	EX3DV4-SN3847	D835V2-SN4d120	9.28	6.14	Jul. 30 ,2015
		Normalize to 1 Watt	9.04	5.96								
Body	835	250 mW	2.27	1.48	-0.154	-2.20%	-3.60%	EX3DV4-SN3847	D835V2-SN4d120	9.28	6.14	Aug. 06 ,2015
		Normalize to 1 Watt	9.08	5.92								
Body	835	250 mW	2.23	1.51	0.116	-3.90%	-1.60%	EX3DV4-SN3847	D835V2-SN4d120	9.28	6.14	Aug. 20 ,2015
		Normalize to 1 Watt	8.92	6.04								
Body	835	250 mW	2.3	1.51	-0.045	-0.90%	-1.60%	EX3DV4-SN3847	D835V2-SN4d120	9.28	6.14	Sep. 11 ,2015
		Normalize to 1 Watt	9.20	6.04								
Body	835	250 mW	2.21	1.46	-0.016	-4.70%	-4.90%	EX3DV4-SN3847	D835V2-SN4d120	9.28	6.14	Sep. 24 ,2015
		Normalize to 1 Watt	8.84	5.84								
Body	1750	250 mW	9.73	5.04	0.121	3.50%	-1.20%	EX3DV4-SN3847	D1750V2-SN1023	37.60	20.40	Jul. 17 ,2015
		Normalize to 1 Watt	38.92	20.16								
Body	1750	250 mW	9.35	4.85	0.014	-0.50%	-4.90%	EX3DV4-SN3847	D1750V2-SN1023	37.60	20.40	Aug. 12 ,2015
		Normalize to 1 Watt	37.40	19.40								
Body	1900	250 mW	10.3	5.19	0.156	0.70%	-4.80%	EX3DV4-SN3847	D1900V2-SN5d142	40.90	21.80	Jul. 16 ,2015
		Normalize to 1 Watt	41.20	20.76								
Body	1900	250 mW	10.5	5.39	0.047	2.70%	-1.10%	EX3DV4-SN3847	D1900V2-SN5d142	40.90	21.80	Jul. 22 ,2015
		Normalize to 1 Watt	42.00	21.56								
Body	1900	250 mW	10.5	5.41	-0.019	2.70%	-0.70%	EX3DV4-SN3847	D1900V2-SN5d142	40.90	21.80	Aug. 06 ,2015
		Normalize to 1 Watt	42.00	21.64								
Body	1900	250 mW	10.1	5.2	0.011	-1.20%	-4.60%	EX3DV4-SN3847	D1900V2-SN5d142	40.90	21.80	Sep. 11 ,2015
		Normalize to 1 Watt	40.40	20.80								
Body	1900	250 mW	10.6	5.41	0.13	3.70%	-0.70%	EX3DV4-SN3847	D1900V2-SN5d142	40.90	21.80	Sep. 14 ,2015
		Normalize to 1 Watt	42.40	21.64								

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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} (mW/g)	SAR_{10g} (mW/g)	
Body	2450	250 mW	13.1	6.15	-0.042	-0.90%	0.80%	EX3DV4-SN3847	D2450V2-SN712	52.90	24.40	Jul. 30, 2015
		Normalize to 1 Watt	52.40	24.60								
Body	2450	250 mW	13.1	6.22	0.012	-0.90%	2.00%	EX3DV4-SN3847	D2450V2-SN712	52.90	24.40	Sep. 16, 2015
		Normalize to 1 Watt	52.40	24.88								
Body	2600	250 mW	13.7	6.13	-0.025	-3.40%	-1.90%	EX3DV4-SN3847	D2600V2-SN1007	56.70	25.00	Jul. 31, 2015
		Normalize to 1 Watt	54.80	24.52								
Body	5200	250 mW	7.91	2.2	-0.011	0.40%	-0.90%	EX3DV4-SN3847	D5200V2-SN1021	78.80	22.20	Sep. 23, 2015
		Normalize to 1 Watt	79.10	22.00								
Body	5800	250 mW	7.5	2.07	-0.061	-3.40%	-4.20%	EX3DV4-SN3847	D5800V2-SN1021	78.80	22.20	Sep. 24, 2015
		Normalize to 1 Watt	75.00	20.70								

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 1528-2013 and FCC KDB 865664 D01v01r04. 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-SN3847	750	Body	54.58	1.011	Pass	Pass	Pass	QPSK	Pass	N/A	Jul .20 ,2015
EX3DV4-SN3847	835	Body	55.89	0.997	Pass	Pass	Pass	QPSK	Pass	N/A	Jul .29 ,2015
EX3DV4-SN3847	835	Body	54.60	0.980	Pass	Pass	Pass	QPSK	Pass	N/A	Jul .30 ,2015
EX3DV4-SN3847	835	Body	55.89	0.997	Pass	Pass	Pass	RMC-12.2K	Pass	N/A	Aug. 06 ,2015
EX3DV4-SN3847	835	Body	55.89	0.997	Pass	Pass	Pass	QPSK	Pass	N/A	Aug. 20 ,2015
EX3DV4-SN3847	835	Body	55.89	0.997	Pass	Pass	Pass	QPSK	Pass	N/A	Sep. 11 ,2015
EX3DV4-SN3847	835	Body	55.89	0.997	Pass	Pass	Pass	QPSK	Pass	N/A	Sep. 24 ,2015
EX3DV4-SN3847	1750	Body	53.72	1.500	Pass	Pass	Pass	QPSK	Pass	N/A	Jul. 17 ,2015
EX3DV4-SN3847	1750	Body	53.72	1.500	Pass	Pass	Pass	RMC-12.2K	Pass	N/A	Aug. 12 ,2015
EX3DV4-SN3847	1900	Body	52.01	1.469	Pass	Pass	Pass	QPSK	Pass	N/A	Jul. 16 ,2015
EX3DV4-SN3847	1900	Body	52.01	1.469	Pass	Pass	Pass	QPSK	Pass	N/A	Jul .22 ,2015
EX3DV4-SN3847	1900	Body	52.01	1.469	Pass	Pass	Pass	RMC-12.2K	Pass	N/A	Aug. 06 ,2015
EX3DV4-SN3847	1900	Body	52.01	1.469	Pass	Pass	Pass	QPSK	Pass	N/A	Sep. 11 ,2015
EX3DV4-SN3847	1900	Body	52.01	1.469	Pass	Pass	Pass	QPSK	Pass	N/A	Sep. 14 ,2015
EX3DV4-SN3847	2450	Body	52.76	2.120	Pass	Pass	Pass	QPSK	Pass	N/A	Jul. 30 ,2015
EX3DV4-SN3847	2450	Body	50.72	1.920	Pass	Pass	Pass	DSSS	N/A	Pass	Sep. 16 ,2015
EX3DV4-SN3847	2600	Body	51.45	2.116	Pass	Pass	Pass	QPSK	Pass	N/A	Jul. 31 ,2015
EX3DV4-SN3847	5200	Body	47.76	5.520	Pass	Pass	Pass	OFDM	N/A	Pass	Sep. 23 ,2015
EX3DV4-SN3847	5800	Body	46.40	6.270	Pass	Pass	Pass	OFDM	N/A	Pass	Sep. 24 ,2015

8. Test Equipment List

Manufacturer	Name of Equipment	Type/Model	Serial Number	Calibration	
				Last Cal.	Due Date
SPEAG	750MHz System Validation Kit	D750V3	1132	Jan. 06, 2015	Jan. 06, 2016
SPEAG	835MHz System Validation Kit	D835V2	4d120	Jun. 23, 2015	Jun. 23, 2015
SPEAG	1750MHz System Validation Kit	D1750V2	1023	Jun. 23, 2015	Jun. 23, 2016
SPEAG	1900MHz System Validation Kit	D1900V2	5d142	Jun. 23, 2015	Jun 23, 2016
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	5GHz 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 001 BA	1021	NCR	
SPEAG	Phantom	ELI v4.0	1036	NCR	
SPEAG	Robot	Staubli RX90L	F00/589B1/A/01	NCR	
SPEAG	Software	DASY4 V4.7 Build 80	N/A	NCR	
SPEAG	Software	SEMCAD V1.8 Build 186	N/A	NCR	
Agilent	Dielectric Probe Kit	85070C	US99360094	NCR	
Agilent	ENA Series Network Analyzer	E5071B	MY42404655	Apr. 10, 2015	Apr. 10, 2016
R&S	Power Sensor	NRP-Z22	100179	Jun. 01, 2015	Jun. 01, 2016
Agilent	Power Sensor	8481H	3318A20779	Jun. 15, 2015	Jun. 15, 2016
Agilent	Power Meter	EDM Series E4418B	GB40206143	Jun. 15, 2015	Jun. 15, 2016
Anritsu	Power Meter	ML2495A	1135009	Aug. 24, 2015	Aug. 24, 2016
Agilent	MXF-G-B RF Vector Signal Generator	N5182B	MY53050382	May 28, 2015	May 28, 2016
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_{1g} 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.

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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

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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 range 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 D01v01r04)

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

Evaluated body SAR refers to Hot-spot mode measurement results.

11.3 Hot-spot mode Measurement SAR

Note:
1. If the WWAN Band Channel's Reported SAR 1g of the position is > 0.8 W/Kg, low, middle and high channel are supposed to be tested.(2G/3G/LTE).
2. 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.
3. 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.
4. When the maximum output power in 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.
5. 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.
6. When the reported SAR of the highest measured maximum output power channel is ≤ 0.8 W/kg, no further SAR testing is required for 802.11b DSSS.
7. When the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg , SAR is not required for 2.4G OFDM configuration.
8. SAR for the initial test configuration is measured using the highest maximum output power channel.
9. When the adjusted SAR is ≤ 1.2 W/kg, SAR is not required for the band with lower maximum output power.
10. When multiple transmission modes (802.11a/g/n/ac) have the same specified maximum output power, largest channel bandwidth, lowest order modulation and lowest data rate, the lowest order 802.11 mode is selected; i.e., 802.11a is chosen over 802.11n then 802.11ac or 802.11g is chosen over 802.11n.
11. When the highest reported SAR for the initial test configuration (when applicable, include subsequent highest output channels), according to the initial test position or fixed exposure position requirements, is adjusted by the ratio of the subsequent test configuration to initial test configuration specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg, SAR is not required for that subsequent test onfiguration.

Index.	Position	Band	Ch.	Data Rate or Sub-Test	Test Position	Spacing (mm)	SAR 1g (W/Kg)	Power Drift	Burst Avg Power	Max tune-up	Reported SAR 1g\ (W/Kg)
#2	Flat	WCDMA Band II	9262	RMC12.2K	1	10	0.953	-0.018	22.39	23.5	1.23
#1	Flat		9400	RMC12.2K	1	10	1.26	0.071	22.88	23.5	1.45
#3	Flat		9538	RMC12.2K	1	10	1.18	-0.006	23.32	23.5	1.23
#5	Flat		9262	RMC12.2K	2	10	0.96	0.023	22.39	23.5	1.24
#4	Flat		9400	RMC12.2K	2	10	1.02	-0.008	22.88	23.5	1.18
#6	Flat		9538	RMC12.2K	2	10	1.03	-0.019	23.32	23.5	1.07
#7	Flat		9400	RMC12.2K	3	10	0.347	0.018	22.88	23.5	0.40
#8	Flat		9400	RMC12.2K	4	10	0.416	-0.022	22.88	23.5	0.48
#9	Flat		9400	RMC12.2K	5	10	0.383	-0.141	22.88	23.5	0.44
#253	Flat	HSDPA Band II	9262	QPSK_Sub-test1	1	10	0.618	0.004	20.37	21.5	0.80
#254	Flat		9400	QPSK_Sub-test1	1	10	0.69	-0.01	20.76	21.5	0.82
#252	Flat		9538	QPSK_Sub-test1	1	10	0.832	0.055	21.24	21.5	0.88
#255	Flat		9538	QPSK_Sub-test1	2	10	0.703	0.049	21.24	21.5	0.75
#257	Flat	HSUPA Band II	9538	QPSK_Sub-test1	1	10	0.508	0.031	21.21	21.5	0.54
#256	Flat		9538	QPSK_Sub-test1	2	10	0.613	-0.04	21.21	21.5	0.66
#125	Flat	WCDMA Band IV	1312	RMC12.2K	1	10	0.888	-0.011	22.29	22.5	0.93
#124	Flat		1413	RMC12.2K	1	10	0.973	-0.008	22.49	22.5	0.98
#126	Flat		1513	RMC12.2K	1	10	1.02	0.028	22.11	22.5	1.12
#128	Flat		1312	RMC12.2K	2	10	1.05	-0.01	22.29	22.5	1.10
#127	Flat		1413	RMC12.2K	2	10	1.06	-0.005	22.49	22.5	1.06
#129	Flat		1513	RMC12.2K	2	10	1.31	0.009	22.11	22.5	1.43
#130	Flat		1413	RMC12.2K	3	10	0.475	0.002	22.49	22.5	0.48
#131	Flat		1413	RMC12.2K	4	10	0.522	-0.019	22.49	22.5	0.52
#132	Flat		1413	RMC12.2K	5	10	0.347	0.015	22.49	22.5	0.35
#261	Flat	HSDPA Band IV	1312	QPSK_Sub-test1	2	10	0.789	-0.028	20.43	21	0.90
#262	Flat		1413	QPSK_Sub-test1	2	10	0.786	-0.014	20.68	21	0.85
#259	Flat		1513	QPSK_Sub-test1	2	10	0.818	-0.009	20.78	21	0.86
#260	Flat	HSUPA Band IV	1513	QPSK_Sub-test1	2	10	0.566	0.054	20.22	20.5	0.60

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Index.	Position	Band	Ch.	Data Rate or Sub-Test	Test Position	Spacing (mm)	SAR 1g (W/Kg)	Power Drift	Burst Avg Power	Max tune-up	Reported SAR 1g\ (W/Kg)
#134	Flat	WCDMA Band V	4132	RMC12.2K	1	10	0.773	0.006	24.33	24.5	0.80
#133	Flat		4183	RMC12.2K	1	10	0.909	0.009	24.25	24.5	0.96
#135	Flat		4233	RMC12.2K	1	10	0.983	-0.007	24.08	24.5	1.08
#137	Flat		4132	RMC12.2K	2	10	0.945	0.021	24.33	24.5	0.98
#136	Flat		4183	RMC12.2K	2	10	1.090	-0.009	24.25	24.5	1.16
#138	Flat		4233	RMC12.2K	2	10	1.130	0.005	24.08	24.5	1.25
#139	Flat		4183	RMC12.2K	3	10	0.489	0.008	24.25	24.5	0.52
#140	Flat		4183	RMC12.2K	4	10	0.360	-0.155	24.25	24.5	0.38
#141	Flat		4183	RMC12.2K	5	10	0.162	-0.007	24.25	24.5	0.17
#264	Flat	HSDPA Band V	4132	QPSK_Sub-test1	2	10	0.730	0.064	21.75	22	0.77
#265	Flat	HSUPA Band V	4132	QPSK_Sub-test1	2	10	0.719	-0.163	21.76	22	0.76

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Index.	Position	Band	Ch.	Data Rate or Sub-Test	Test Position	Spacing (mm)	SAR 1g (W/Kg)	Power Drift	Burst Avg Power	Max tune-up	Reported SAR 1g\ (W/Kg)
#183	Flat	CDMA 800 (BC10)	450	RC1/SO55	1	10	0.789	-0.001	24.98	25	0.79
#182	Flat		560	RC1/SO55	1	10	0.845	-0.068	24.78	25	0.89
#184	Flat		670	RC1/SO55	1	10	0.909	-0.034	24.96	25	0.92
#186	Flat		450	RC1/SO55	2	10	0.805	-0.021	24.98	25	0.81
#185	Flat		560	RC1/SO55	2	10	1.040	0.052	24.78	25	1.09
#187	Flat		670	RC1/SO55	2	10	1.000	-0.029	24.96	25	1.01
#188	Flat		560	RC1/SO55	3	10	0.405	-0.057	24.78	25	0.43
#189	Flat		560	RC1/SO55	4	10	0.269	0.000	24.78	25	0.28
#190	Flat		560	RC1/SO55	5	10	0.190	-0.008	24.78	25	0.20
#212	Flat	1xRTT 800 (BC10)	450	RC3/SO32	1	10	0.772	-0.002	24.86	25	0.80
#211	Flat		560	RC3/SO32	1	10	0.839	0.029	24.91	25	0.86
#213	Flat		670	RC3/SO32	1	10	0.875	-0.043	24.95	25	0.89
#215	Flat		450	RC3/SO32	2	10	0.789	-0.139	24.86	25	0.82
#214	Flat		560	RC3/SO32	2	10	0.992	-0.012	24.91	25	1.01
#216	Flat		670	RC3/SO32	2	10	0.964	-0.139	24.95	25	0.98
#217	Flat		560	RC3/SO32	3	10	0.384	-0.057	24.91	25	0.39
#218	Flat		560	RC3/SO32	4	10	0.252	-0.016	24.91	25	0.26
#219	Flat		560	RC3/SO32	5	10	0.144	-0.059	24.91	25	0.15
#221	Flat	1xEvDo 800 (BC10)	450	Rev 0	1	10	0.771	-0.028	23.46	25	1.10
#220	Flat		560	Rev 0	1	10	0.811	-0.104	23.54	25	1.14
#222	Flat		670	Rev 0	1	10	0.834	0.034	23.71	25	1.12
#224	Flat		450	Rev 0	2	10	0.779	-0.105	23.46	25	1.11
#223	Flat		560	Rev 0	2	10	0.937	-0.008	23.54	25	1.31
#225	Flat		670	Rev 0	2	10	0.939	-0.137	23.71	25	1.26
#226	Flat		560	Rev 0	3	10	0.427	-0.102	23.54	25	0.60
#227	Flat		560	Rev 0	4	10	0.389	0.045	23.54	25	0.54
#228	Flat		560	Rev 0	5	10	0.069	-0.063	23.54	25	0.10
#230	Flat		450	Rev A	2	10	0.859	-0.010	23.24	25	1.29
#229	Flat		560	Rev A	2	10	0.960	-0.003	23.46	25	1.37
#231	Flat		670	Rev A	2	10	1.020	0.042	23.49	25	1.44

Index.	Position	Band	Ch.	Data Rate or Sub-Test	Test Position	Spacing (mm)	SAR 1g (W/Kg)	Power Drift	Burst Avg Power	Max tune-up	Reported SAR 1g\ (W/Kg)
#161	Flat	CDMA 850 (BC0)	1013	RC1/SO55	1	10	0.821	0.022	23.93	24	0.83
#160	Flat		384	RC1/SO55	1	10	0.968	0.026	23.88	24	1.00
#162	Flat		777	RC1/SO55	1	10	1.060	-0.010	23.81	24	1.11
#164	Flat		1013	RC1/SO55	2	10	0.942	0.004	23.93	24	0.96
#163	Flat		384	RC1/SO55	2	10	1.100	0.004	23.88	24	1.13
#165	Flat		777	RC1/SO55	2	10	1.080	0.020	23.81	24	1.13
#166	Flat		384	RC1/SO55	3	10	0.537	0.011	23.88	24	0.55
#169	Flat		384	RC1/SO55	4	10	0.397	-0.019	23.88	24	0.41
#170	Flat		384	RC1/SO55	5	10	0.145	-0.018	23.88	24	0.15
#172	Flat	1xRTT 850 (BC0)	1013	RC3/SO32	1	10	0.750	0.005	23.94	24	0.76
#171	Flat		384	RC3/SO32	1	10	0.896	0.009	23.87	24	0.92
#173	Flat		777	RC3/SO32	1	10	0.998	0.000	23.81	24	1.04
#175	Flat		1013	RC3/SO32	2	10	0.886	-0.019	23.94	24	0.90
#174	Flat		384	RC3/SO32	2	10	1.060	-0.017	23.87	24	1.09
#176	Flat		777	RC3/SO32	2	10	1.130	0.003	23.81	24	1.18
#177	Flat		384	RC3/SO32	3	10	0.531	-0.024	23.87	24	0.55
#180	Flat		384	RC3/SO32	4	10	0.375	-0.008	23.87	24	0.39
#181	Flat		384	RC3/SO32	5	10	0.144	0.024	23.87	24	0.15
#234	Flat	1xEvDo 850 (BC0)	384	Rev 0	1	10	0.390	-0.106	22.54	24	0.55
#232	Flat		384	Rev 0	2	10	0.394	-0.014	22.54	24	0.55
#235	Flat		384	Rev 0	3	10	0.143	-0.043	22.54	24	0.20
#236	Flat		384	Rev 0	4	10	0.103	-0.030	22.54	24	0.14
#237	Flat		384	Rev 0	5	10	0.076	-0.005	22.54	24	0.11

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Index.	Position	Band	Ch.	Data Rate or Sub-Test	Test Position	Spacing (mm)	SAR 1g (W/Kg)	Power Drift	Burst Avg Power	Max tune-up	Reported SAR 1g\ (W/Kg)
#18	Flat	CDMA 1900 (BC1)	25	RC1/SO55	1	10	1.040	0.037	22.48	23	1.17
#17	Flat		600	RC1/SO55	1	10	1.010	-0.012	21.99	23	1.27
#19	Flat		1175	RC1/SO55	1	10	1.130	0.006	22.22	23	1.35
#21	Flat		25	RC1/SO55	2	10	1.240	0.004	22.48	23	1.40
#20	Flat		600	RC1/SO55	2	10	1.010	0.038	21.99	23	1.27
#22	Flat		1175	RC1/SO55	2	10	1.170	0.059	22.22	23	1.40
#23	Flat		600	RC1/SO55	3	10	0.328	0.122	21.99	23	0.41
#24	Flat		600	RC1/SO55	4	10	0.489	-0.010	21.99	23	0.62
#25	Flat		600	RC1/SO55	5	10	0.436	-0.038	21.99	23	0.55
#245	Flat		25	RC3/SO55	1	10	1.070	0.001	22.4	23	1.23
#246	Flat		600	RC3/SO55	1	10	0.834	0.001	21.97	23	1.06
#247	Flat		1175	RC3/SO55	1	10	1.080	-0.073	22.37	23	1.25
#248	Flat		25	RC3/SO55	2	10	1.020	-0.039	22.4	23	1.17
#249	Flat		600	RC3/SO55	2	10	0.800	-0.030	21.97	23	1.01
#250	Flat		1175	RC3/SO55	2	10	0.916	-0.042	22.37	23	1.06
#27	Flat	1xRTT 1900 (BC1)	25	RC3/SO32	1	10	0.984	0.009	22.44	23	1.12
#26	Flat		600	RC3/SO32	1	10	0.891	-0.013	21.96	23	1.13
#28	Flat		1175	RC3/SO32	1	10	1.050	0.117	22.39	23	1.21
#30	Flat		25	RC3/SO32	2	10	1.190	0.048	22.44	23	1.35
#29	Flat		600	RC3/SO32	2	10	0.944	0.001	21.96	23	1.20
#31	Flat		1175	RC3/SO32	2	10	1.010	0.013	22.39	23	1.16
#32	Flat		600	RC3/SO32	3	10	0.316	0.010	21.96	23	0.40
#33	Flat		600	RC3/SO32	4	10	0.381	-0.033	21.96	23	0.48
#34	Flat		600	RC3/SO32	5	10	0.357	-0.172	21.96	23	0.45
#273	Flat	1xEvDo 1900 (BC1)	25	Rev 0	1	10	0.728	-0.019	22.22	23	0.87
#238	Flat		600	Rev 0	1	10	0.731	-0.066	21.74	23	0.98
#274	Flat		1175	Rev 0	1	10	0.759	-0.164	21.68	23	1.03
#240	Flat		25	Rev 0	2	10	0.949	-0.123	22.22	23	1.14
#239	Flat		600	Rev 0	2	10	0.801	-0.050	21.74	23	1.07
#241	Flat		1175	Rev 0	2	10	0.803	-0.004	21.68	23	1.09
#242	Flat		600	Rev 0	3	10	0.304	-0.048	21.74	23	0.41
#243	Flat		600	Rev 0	4	10	0.375	0.011	21.74	23	0.50
#244	Flat		600	Rev 0	5	10	0.338	0.046	21.74	23	0.45

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Index.	Position	Band	Ch.	BW (MHz)	RB Size	RB Offset	Test Position	Spacing (mm)	SAR 1g (W/Kg)	Power Drift	Burst Avg Power	Max tune-up	Reported SAR 1g\ (W/Kg)
#10	Flat	LTE Band 2 (QPSK)	18900	20M	1	0	1	10	0.685	-0.054	23.41	23.5	0.70
#11	Flat		18900	20M	1	0	2	10	0.716	-0.132	23.41	23.5	0.73
#14	Flat		18900	20M	1	0	3	10	0.324	-0.162	23.41	23.5	0.33
#15	Flat		18900	20M	1	0	4	10	0.315	-0.002	23.41	23.5	0.32
#16	Flat		18900	20M	1	0	5	10	0.419	-0.029	23.41	23.5	0.43
#76	Flat		18900	20M	50	0	1	10	0.473	-0.031	21.91	23	0.61
#77	Flat		18900	20M	50	0	2	10	0.642	-0.074	21.91	23	0.83
#78	Flat		18900	20M	50	0	3	10	0.295	0.099	21.91	23	0.38
#79	Flat		18900	20M	50	0	4	10	0.267	-0.014	21.91	23	0.34
#80	Flat		18900	20M	50	0	5	10	0.407	0.069	21.91	23	0.52
#194	Flat		19100	20M	100	0	2	10	0.735	-0.135	21.96	22.5	0.83
#36	Flat	LTE Band 4 (QPSK)	20050	20M	1	0	1	10	0.976	-0.049	21.84	22.5	1.14
#35	Flat		20175	20M	1	0	1	10	1.06	-0.165	21.97	22.5	1.20
#37	Flat		20300	20M	1	0	1	10	0.959	-0.01	21.96	22.5	1.09
#39	Flat		20050	20M	1	0	2	10	1.12	-0.012	21.84	22.5	1.30
#38	Flat		20175	20M	1	0	2	10	1.12	-0.019	21.97	22.5	1.27
#40	Flat		20300	20M	1	0	2	10	1.05	0.011	21.96	22.5	1.19
#41	Flat		20175	20M	1	0	3	10	0.7	-0.125	21.97	22.5	0.79
#42	Flat		20175	20M	1	0	4	10	0.551	-0.06	21.97	22.5	0.62
#43	Flat		20175	20M	1	0	5	10	0.428	0.016	21.97	22.5	0.48
#82	Flat		20050	20M	50	0	1	10	0.839	-0.011	20.89	22	1.08
#81	Flat		20175	20M	50	0	1	10	0.785	-0.155	20.98	22	0.99
#83	Flat		20300	20M	50	0	1	10	0.755	-0.071	20.84	22	0.99
#85	Flat		20050	20M	50	0	2	10	0.993	-0.005	20.89	22	1.28
#84	Flat		20175	20M	50	0	2	10	1.04	0.023	20.98	22	1.32
#86	Flat		20300	20M	50	0	2	10	0.889	-0.011	20.84	22	1.16
#87	Flat		20175	20M	50	0	3	10	0.543	0.003	20.98	22	0.69
#88	Flat		20175	20M	50	0	4	10	0.461	-0.029	20.98	22	0.58
#89	Flat		20175	20M	50	0	5	10	0.335	0	20.98	22	0.42
#198	Flat		20175	20M	100	0	1	10	0.729	-0.055	20.89	22	0.94
#199	Flat		20175	20M	100	0	2	10	0.986	-0.01	20.89	22	1.27

Index.	Position	Band	Ch.	BW (MHz)	RB Size	RB Offset	Test Position	Spacing (mm)	SAR 1g (W/Kg)	Power Drift	Burst Avg Power	Max tune-up	Reported SAR 1g\ (W/Kg)
#105	Flat	LTE Band 5 (QPSK)	20450	10M	1	0	1	10	0.656	-0.126	23.01	24	0.82
#104	Flat		20525	10M	1	0	1	10	0.859	0.008	23.15	24	1.05
#106	Flat		20600	10M	1	0	1	10	0.894	-0.065	23.48	24	1.01
#108	Flat		20450	10M	1	0	2	10	0.801	-0.107	23.01	24	1.01
#107	Flat		20525	10M	1	0	2	10	0.992	0.035	23.15	24	1.21
#109	Flat		20600	10M	1	0	2	10	1.13	-0.045	23.48	24	1.27
#110	Flat		20525	10M	1	0	3	10	0.455	-0.023	23.15	24	0.55
#111	Flat		20525	10M	1	0	4	10	0.345	0.04	23.15	24	0.42
#112	Flat		20525	10M	1	0	5	10	0.102	0.025	23.15	24	0.12
#114	Flat		20450	10M	25	0	1	10	0.454	0.006	22.35	23	0.53
#113	Flat		20525	10M	25	0	1	10	0.802	-0.025	22.32	23	0.94
#115	Flat		20600	10M	25	0	1	10	0.594	-0.022	22.38	23	0.69
#117	Flat		20450	10M	25	0	2	10	0.584	-0.035	22.35	23	0.68
#116	Flat		20525	10M	25	0	2	10	0.962	0.018	22.32	23	1.13
#118	Flat		20600	10M	25	0	2	10	0.759	0.026	22.38	23	0.88
#119	Flat		20525	10M	25	0	3	10	0.384	-0.041	22.32	23	0.45
#120	Flat		20525	10M	25	0	4	10	0.341	-0.011	22.32	23	0.40
#121	Flat		20525	10M	25	0	5	10	0.086	0.012	22.32	23	0.10
#191	Flat		20450	10M	50	0	1	10	0.5	-0.105	22.29	23	0.59
#192	Flat		20450	10M	50	0	2	10	0.571	-0.004	22.29	23	0.67
#45	Flat	LTE Band 12 (QPSK)	23060	10M	1	0	1	10	0.723	-0.003	22.42	23.5	0.93
#44	Flat		23095	10M	1	0	1	10	0.706	-0.171	22.16	23.5	0.96
#46	Flat		23130	10M	1	0	1	10	0.823	0.04	21.93	23.5	1.18
#48	Flat		23060	10M	1	0	2	10	0.879	0.024	22.42	23.5	1.13
#47	Flat		23095	10M	1	0	2	10	0.76	0.023	22.16	23.5	1.04
#49	Flat		23130	10M	1	0	2	10	0.956	-0.02	21.93	23.5	1.37
#50	Flat		23095	10M	1	0	3	10	0.373	-0.044	22.16	23.5	0.51
#51	Flat		23095	10M	1	0	4	10	0.302	0.12	22.16	23.5	0.41
#52	Flat		23095	10M	1	0	5	10	0.046	0.144	22.16	23.5	0.06
#53	Flat		23095	10M	25	0	1	10	0.626	-0.063	21.84	22.5	0.73
#54	Flat		23095	10M	25	0	2	10	0.679	0.173	21.84	22.5	0.79
#55	Flat		23095	10M	25	0	3	10	0.327	0.044	21.84	22.5	0.38
#56	Flat		23095	10M	25	0	4	10	0.266	-0.02	21.84	22.5	0.31
#57	Flat		23095	10M	25	0	5	10	0.043	0.122	21.84	22.5	0.05
#204	Flat		23130	10M	50	0	1	10	0.678	-0.096	21.71	22.5	0.81
#205	Flat		23130	10M	50	0	2	10	0.726	0.055	21.71	22.5	0.87

Index.	Position	Band	Ch.	BW (MHz)	RB Size	RB Offset	Test Position	Spacing (mm)	SAR 1g (W/Kg)	Power Drift	Burst Avg Power	Max tune-up	Reported SAR 1g\ (W/Kg)
#58	Flat	LTE Band 25 (QPSK)	26365	20M	1	0	1	10	0.74	-0.156	23.41	23.5	0.76
#68	Flat		26140	20M	1	0	2	10	1.33	-0.185	23.25	23.5	1.41
#67	Flat		26365	20M	1	0	2	10	0.932	0.114	23.41	23.5	0.95
#69	Flat		26590	20M	1	0	2	10	0.866	-0.035	23.39	23.5	0.89
#70	Flat		26365	20M	1	0	3	10	0.349	-0.112	23.41	23.5	0.36
#73	Flat		26365	20M	1	0	4	10	0.326	0.157	23.41	23.5	0.33
#74	Flat		26365	20M	1	0	5	10	0.396	0.092	23.41	23.5	0.40
#61	Flat		26365	20M	50	0	1	10	0.677	-0.019	22.33	23	0.79
#65	Flat		26140	20M	50	0	2	10	1.26	-0.013	22.46	23	1.43
#64	Flat		26365	20M	50	0	2	10	0.813	0.023	22.33	23	0.95
#66	Flat		26590	20M	50	0	2	10	0.624	-0.174	22.43	23	0.71
#71	Flat		26365	20M	50	0	3	10	0.316	-0.188	22.33	23	0.37
#72	Flat		26365	20M	50	0	4	10	0.319	-0.033	22.33	23	0.37
#75	Flat		26365	20M	50	0	5	10	0.394	0.011	22.33	23	0.46
#196	Flat		26365	20M	100	0	2	10	0.775	0.05	22.27	23	0.92
#91	Flat	LTE Band 26 (QPSK)	26775	15M	1	0	1	10	0.557	-0.148	23.31	24	0.65
#90	Flat		26865	15M	1	0	1	10	0.643	-0.113	23.45	24	0.73
#92	Flat		26965	15M	1	0	1	10	0.899	-0.016	23.96	24	0.91
#94	Flat		26775	15M	1	0	2	10	0.646	0.008	23.31	24	0.76
#93	Flat		26865	15M	1	0	2	10	0.743	0.025	23.45	24	0.84
#95	Flat		26965	15M	1	0	2	10	1.07	0.094	23.96	24	1.08
#96	Flat		26865	15M	1	0	3	10	0.4	0.052	23.45	24	0.45
#97	Flat		26865	15M	1	0	4	10	0.319	0.012	23.45	24	0.36
#98	Flat		26865	15M	1	0	5	10	0.121	-0.121	23.45	24	0.14
#99	Flat		26865	15M	36	0	1	10	0.49	-0.033	22.3	23	0.58
#100	Flat		26865	15M	36	0	2	10	0.591	0.002	22.3	23	0.69
#101	Flat		26865	15M	36	0	3	10	0.315	0.006	22.3	23	0.37
#102	Flat		26865	15M	36	0	4	10	0.239	-0.013	22.3	23	0.28
#103	Flat		26865	15M	36	0	5	10	0.087	-0.153	22.3	23	0.10
#201	Flat		26775	15M	75	0	1	10	0.561	-0.116	22.17	23	0.68
#202	Flat		26775	15M	75	0	2	10	0.628	-0.016	22.17	23	0.76

Index.	Position	Band	Ch.	BW (MHz)	RB Size	RB Offset	Test Position	Spacing (mm)	SAR 1g (W/Kg)	Power Drift	Burst Avg Power	Max tune-up	Reported SAR 1g\ (W/Kg)
#143	Flat	LTE Band 41 (QPSK)	39750	20M	1	0	1	10	0.806	-0.106	23.46	24	0.91
#142	Flat		40620	20M	1	0	1	10	0.814	-0.021	23.42	24	0.93
#144	Flat		41490	20M	1	0	1	10	0.497	0.029	23.23	24	0.59
#148	Flat		39750	20M	1	0	2	10	0.736	-0.019	23.46	24	0.83
#147	Flat		40620	20M	1	0	2	10	0.784	-0.08	23.42	24	0.90
#149	Flat		41490	20M	1	0	2	10	0.49	-0.131	23.23	24	0.59
#150	Flat		40620	20M	1	0	3	10	0.044	0.063	23.42	24	0.05
#158	Flat		39750	20M	1	0	4	10	1.03	0.003	23.46	24	1.17
#153	Flat		40620	20M	1	0	4	10	0.982	0.1	23.42	24	1.12
#159	Flat		41490	20M	1	0	4	10	0.558	-0.069	23.23	24	0.67
#154	Flat		40620	20M	1	0	5	10	0.524	0.002	23.42	24	0.60
#145	Flat		40620	20M	50	0	1	10	0.522	0.022	22.36	23	0.61
#146	Flat		40620	20M	50	0	2	10	0.561	-0.028	22.36	23	0.65
#151	Flat		40620	20M	50	0	3	10	0.037	0.028	22.36	23	0.04
#156	Flat		39750	20M	50	0	4	10	0.899	-0.067	22.94	23	0.91
#152	Flat		40620	20M	50	0	4	10	0.786	-0.019	22.36	23	0.91
#157	Flat		41490	20M	50	0	4	10	0.555	-0.018	22.4	23	0.64
#155	Flat		40620	20M	50	0	5	10	0.402	-0.037	22.36	23	0.47
#207	Flat		41490	20M	100	0	1	10	0.416	-0.06	22.42	23	0.48
#208	Flat		41490	20M	100	0	2	10	0.417	-0.026	22.42	23	0.48
#209	Flat		41490	20M	100	0	4	10	0.55	0.001	22.42	23	0.63

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Index.	Position	Band	Ch.	Data Rate or Sub-Test	Test Position	Spacing (mm)	Antenna	SAR 1g (W/Kg)	Power Drift	Burst Avg Power	Max tune-up	Reported SAR 1g\ (W/Kg)
#286	Flat	IEEE 802.11b	1	1M	2	10	Antenna1	0.035	0.157	8.47	9.5	0.04
#268	Flat		1	1M	3	10	Antenna1	0.044	-0.185	8.47	9.5	0.06
#288	Flat		1	1M	4	10	Antenna1	0.007	0.156	8.47	9.5	0.01
#287	Flat		1	1M	2	10	Antenna2	0.021	-0.045	8.56	9.5	0.03
#269	Flat		1	1M	3	10	Antenna2	0.033	-0.009	8.56	9.5	0.04
#289	Flat		1	1M	4	10	Antenna2	0.006	0.154	8.56	9.5	0.01
#280	Flat	IEEE 802.11a	36	6M	1	10	Antenna1	0.044	-0.005	8.05	9.5	0.06
#275	Flat		153	6M	1	10	Antenna1	0.059	0.14	8.27	9.5	0.08
#281	Flat		36	6M	1	10	Antenna2	0.045	0.146	7.86	9.5	0.07
#282	Flat		153	6M	1	10	Antenna2	0.080	-0.008	8.08	9.5	0.11
#296	Flat		36	6M	2	10	Antenna1	0.036	-0.077	8.05	9.5	0.05
#297	Flat		153	6M	2	10	Antenna1	0.057	0.167	8.27	9.5	0.08
#294	Flat		36	6M	2	10	Antenna2	0.027	-0.072	7.86	9.5	0.04
#295	Flat		153	6M	2	10	Antenna2	0.060	-0.07	8.08	9.5	0.08
#276	Flat		36	6M	3	10	Antenna1	0.078	0.098	8.05	9.5	0.11
#277	Flat		153	6M	3	10	Antenna1	0.143	0.005	8.27	9.5	0.19
#278	Flat		36	6M	3	10	Antenna2	0.114	-0.16	7.86	9.5	0.17
#279	Flat		153	6M	3	10	Antenna2	0.159	-0.198	8.08	9.5	0.22
#290	Flat		36	6M	4	10	Antenna1	0.011	0.194	8.05	9.5	0.02
#291	Flat		153	6M	4	10	Antenna1	0.011	0.042	8.27	9.5	0.02
#292	Flat		36	6M	4	10	Antenna2	0.032	-0.106	7.86	9.5	0.05
#293	Flat		153	6M	4	10	Antenna2	0.030	-0.139	8.08	9.5	0.04

11.4 Extremity Measurement SAR

Evaluated extremity SAR is not available.

11.5 SAR Measurement Variability

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

Index.	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
#284	WCDMA Band II	9400	1	10	1	1.270	0.071	22.88	23.5	1.47	1.01 < 1.2
#285	WCDMA Band II	9400	1	10	1	1.280	0.121	22.88	23.5	1.48	1.02 < 1.2
#263	WCDMA Band IV	1513	2	10	1	1.180	0.072	22.11	22.5	1.29	1.11 < 1.2
#266	WCDMA Band V	4233	2	10	1	1.130	0.016	24.08	24.5	1.25	1 < 1.2
#233	1xEvDo 800 (BC10)	670	2	10	1	1.040	0.035	23.49	25	1.47	1.02 < 1.2
#283	1xRTT 850 (BC0)	777	2	10	1	1.110	0.136	23.87	24	1.14	1.03 < 1.2
#251	CDMA 1900 (BC1)	1175	2	10	1	1.080	0.084	22.22	23	1.29	1.08 < 1.2

Note: 1. The original highest measured Reported SAR 1g is ≥ 0.80 W/kg, repeat that measurement once
2. 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).

Index.	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
#195	LTE Band 2 (QPSK)	19100	20	100	0	2	10	1	0.737	-0.135	21.96	22.5	0.84	1 <1.2
#200	LTE Band 4 (QPSK)	20175	20	50	0	2	10	1	0.978	-0.026	20.98	22	1.24	1.06 < 1.2
#193	LTE Band 5 (QPSK)	20600	10	1	0	2	10	1	0.978	-0.016	23.48	24	1.10	1.1 < 1.2
#206	LTE Band 12 (QPSK)	23130	10	1	0	2	10	1	0.985	-0.001	21.93	23.5	1.41	1.03 < 1.2
#197	LTE Band 25 (QPSK)	26140	20	1	0	2	10	1	1.2	-0.021	23.25	23.5	1.27	1.11 < 1.2
#203	LTE Band 26 (QPSK)	26965	15	1	0	2	10	1	1.1	0.015	23.96	24	1.11	1.03 < 1.2
#267	LTE Band 26 (QPSK)	26965	15	1	0	2	10	2	1.08	0.094	23.96	24	1.09	1.01 < 1.2
#210	LTE Band 41 (QPSK)	39750	20	1	0	4	10	1	0.95	-0.112	23.46	24	1.08	1.08 < 1.2

11.6 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)：AC810S-300** 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™-2013 - IEEE Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head From Wireless Communications Devices: Measurement Techniques

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Appendix A - System Performance Check

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/20/2015 09:13:26 PM

System Performance Check at 750MHz_20150720_Body

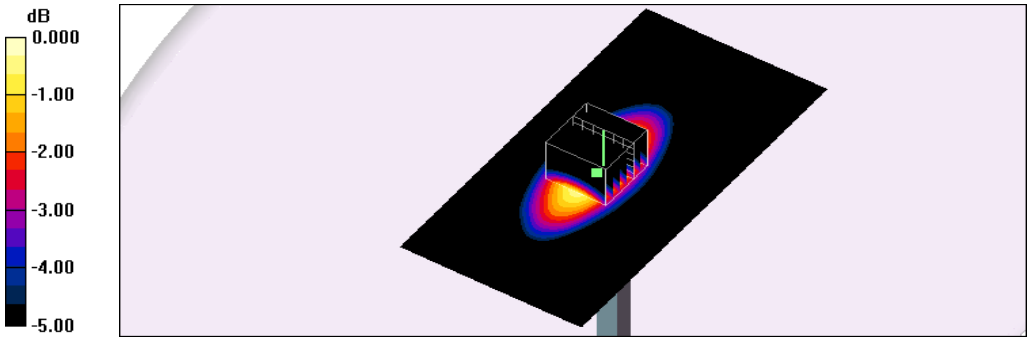
DUT: Dipole 750 MHz; Type: D750V3; Serial: D750V3 - SN:1132

Communication System: CW; Frequency: 750 MHz;Duty Cycle: 1:1
Medium parameters used: f = 750 MHz; σ = 1.01 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

System performance cheek at 750MHz/Area Scan (61x121x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.64 W/kg

System performance cheek at 750MHz/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 50.0 V/m; Power Drift = 0.029 dB
Peak SAR (extrapolated) = 3.10 W/kg
SAR(1 g) = 2.09 W/kg; SAR(10 g) = 1.37 W/kg
Maximum value of SAR (measured) = 2.63 W/kg



0 dB = 2.63W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/29/2015 06:25:19 PM

System Performance Check at 835MHz_20150729_Body

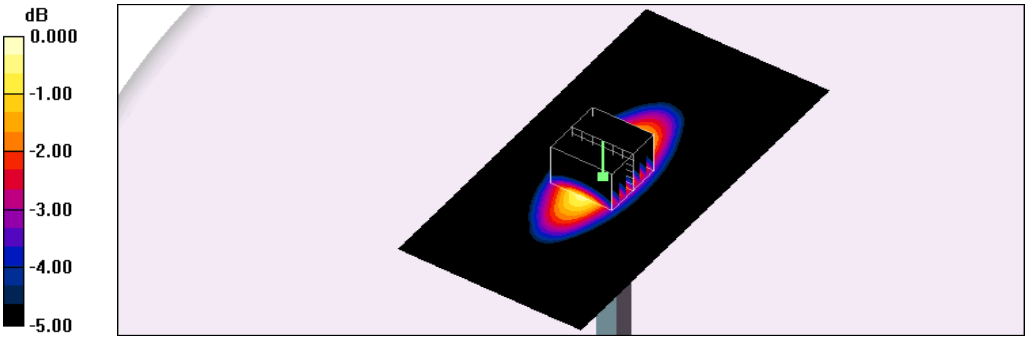
DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d120

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.997 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

System performance cheek at 835MHz/Area Scan (61x121x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.90 W/kg

System performance cheek at 835MHz/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 54.4 V/m; Power Drift = 0.009 dB
Peak SAR (extrapolated) = 3.41 W/kg
SAR(1 g) = 2.29 W/kg; SAR(10 g) = 1.5 W/kg
Maximum value of SAR (measured) = 2.89 W/kg



0 dB = 2.89W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/30/2015 02:49:21 AM

System Performance Check at 835MHz_20150730_Body

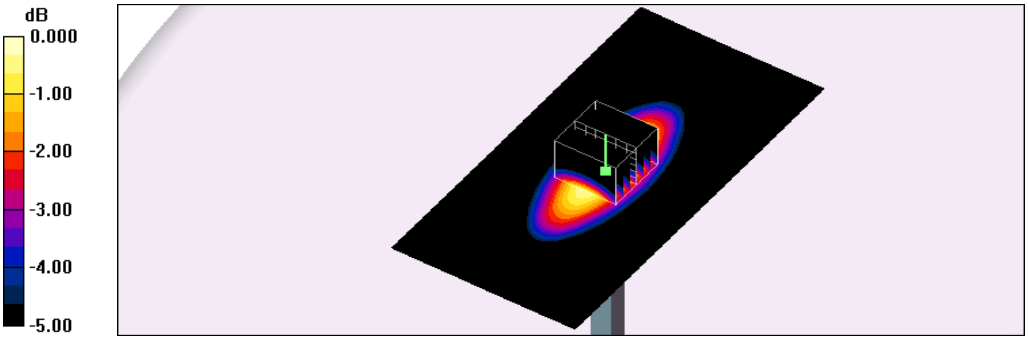
DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d120

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.989 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

System performance cheek at 835MHz/Area Scan (61x121x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.94 W/kg

System performance cheek at 835MHz/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 55.5 V/m; Power Drift = -0.129 dB
Peak SAR (extrapolated) = 3.31 W/kg
SAR(1 g) = 2.26 W/kg; SAR(10 g) = 1.49 W/kg
Maximum value of SAR (measured) = 2.84 W/kg



0 dB = 2.84W/kg

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Date/Time: 8/6/2015 10:26:27 PM

System Performance Check at 835MHz_20150806_Body

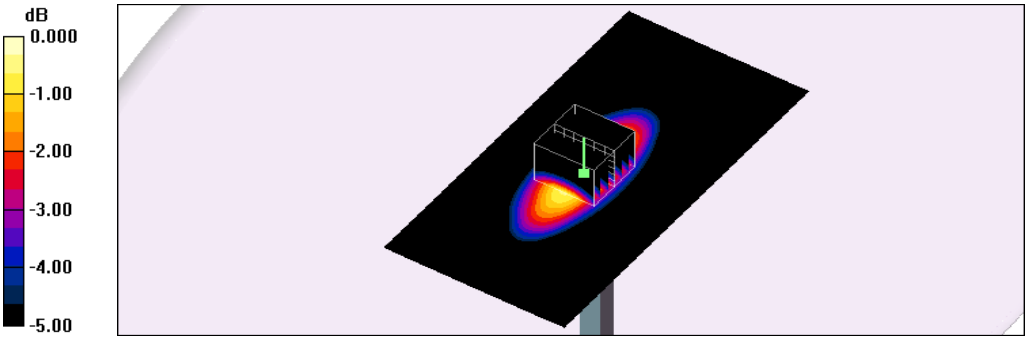
DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d120

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.997 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

System performance cheek at 835MHz/Area Scan (61x121x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.77 W/kg

System performance cheek at 835MHz/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 53.4 V/m; Power Drift = -0.154 dB
Peak SAR (extrapolated) = 3.37 W/kg
SAR(1 g) = 2.27 W/kg; SAR(10 g) = 1.48 W/kg
Maximum value of SAR (measured) = 2.88 W/kg



0 dB = 2.88W/kg

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Date/Time: 8/20/2015 07:25:19 PM

System Performance Check at 835MHz_20150820_Body

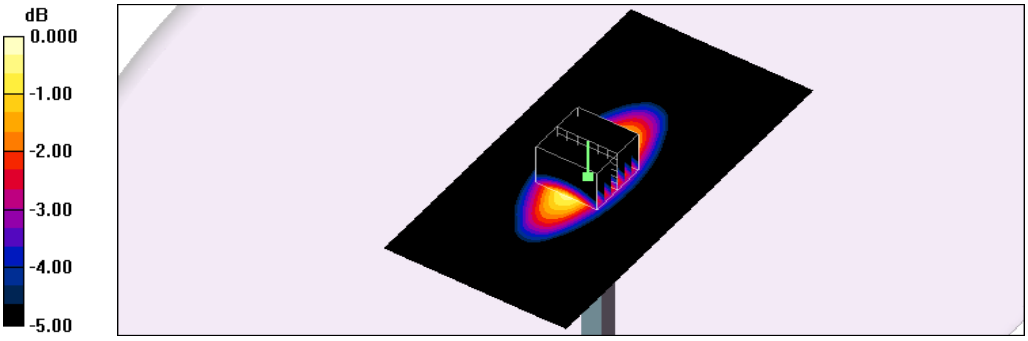
DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d120

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.997 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

System performance cheek at 835MHz/Area Scan (61x121x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.88 W/kg

System performance cheek at 835MHz/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 53.6 V/m; Power Drift = 0.116 dB
Peak SAR (extrapolated) = 3.39 W/kg
SAR(1 g) = 2.23 W/kg; SAR(10 g) = 1.51 W/kg
Maximum value of SAR (measured) = 2.79 W/kg



0 dB = 2.79W/kg

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Date/Time: 9/11/2015 01:58:35 PM

System Performance Check at 835MHz_20150911_Body

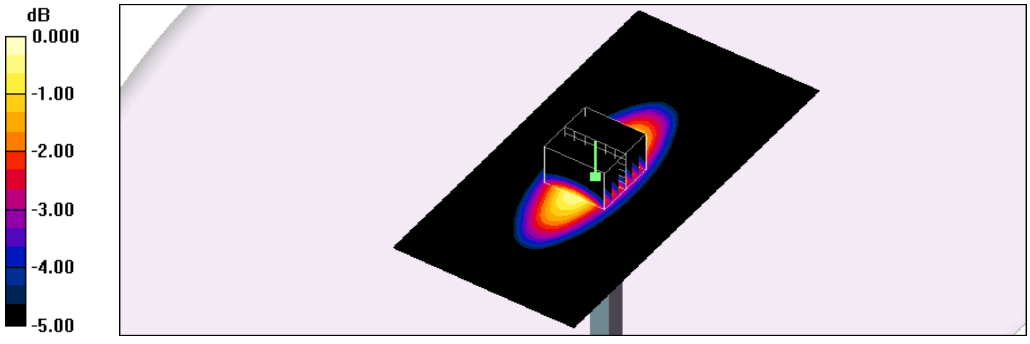
DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d120

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.997 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

System performance cheek at 835MHz/Area Scan (61x121x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.96 W/kg

System performance cheek at 835MHz/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 54.8 V/m; Power Drift = -0.045 dB
Peak SAR (extrapolated) = 3.44 W/kg
SAR(1 g) = 2.3 W/kg; SAR(10 g) = 1.51 W/kg
Maximum value of SAR (measured) = 2.93 W/kg



0 dB = 2.93W/kg

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Date/Time: 9/24/2015 10:31:21 AM

System Performance Check at 835MHz_20150924_Body

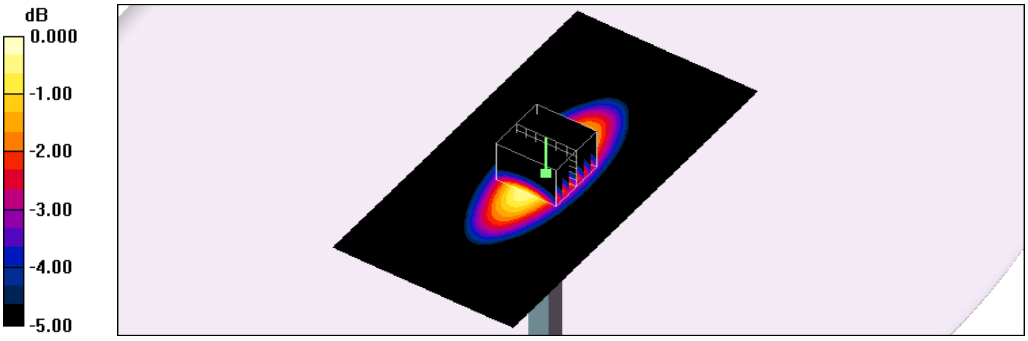
DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d120

Communication System: CW; Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 0.997 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

System performance cheek at 835MHz/Area Scan (61x121x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.80 W/kg

System performance cheek at 835MHz/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 54.1 V/m; Power Drift = -0.016 dB
Peak SAR (extrapolated) = 3.28 W/kg
SAR(1 g) = 2.21 W/kg; SAR(10 g) = 1.46 W/kg
Maximum value of SAR (measured) = 2.80 W/kg



0 dB = 2.80W/kg

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Date/Time: 7/17/2015 09:19:03 AM

System Performance Check at 1750MHz_20150717_Body

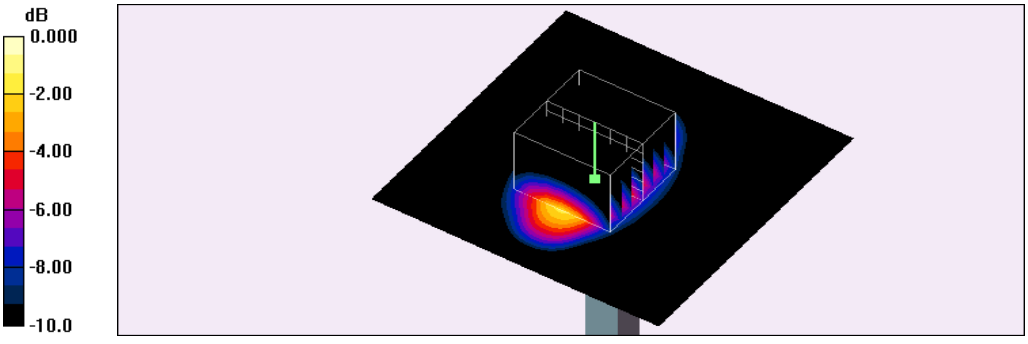
DUT: Dipole D1750V2_SN1023; Type: D1750V2; Serial: D1750V2 - SN:1023

Communication System: CW; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1750 MHz; σ = 1.53 mho/m; ε_r = 55.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

System performance cheek at 1750MHz/Area Scan (61x61x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 14.9 W/kg

System performance cheek at 1750MHz/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 92.6 V/m; Power Drift = 0.121 dB
Peak SAR (extrapolated) = 17.6 W/kg
SAR(1 g) = 9.73 W/kg; SAR(10 g) = 5.04 W/kg
Maximum value of SAR (measured) = 13.8 W/kg



0 dB = 13.8W/kg

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Date/Time: 8/12/2015 07:49:03 PM

System Performance Check at 1750MHz_20150812_Body

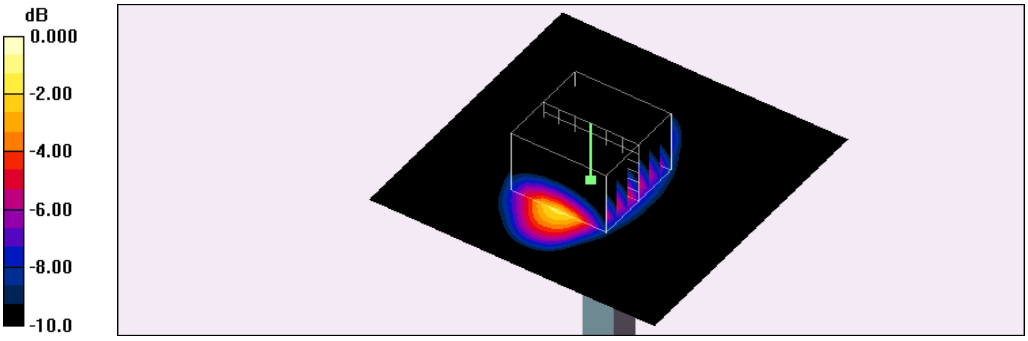
DUT: Dipole D1750V2_SN1023; Type: D1750V2; Serial: D1750V2 - SN:1023

Communication System: CW; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1750 MHz; σ = 1.53 mho/m; ε_r = 55.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

System performance cheek at 1750MHz/Area Scan (61x61x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 14.3 W/kg

System performance cheek at 1750MHz/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 92.6 V/m; Power Drift = 0.014 dB
Peak SAR (extrapolated) = 16.9 W/kg
SAR(1 g) = 9.35 W/kg; SAR(10 g) = 4.85 W/kg
Maximum value of SAR (measured) = 13.2 W/kg



0 dB = 13.2W/kg

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Date/Time: 7/16/2015 01:32:33 PM

System Performance Check at 1900MHz_20150716_Body

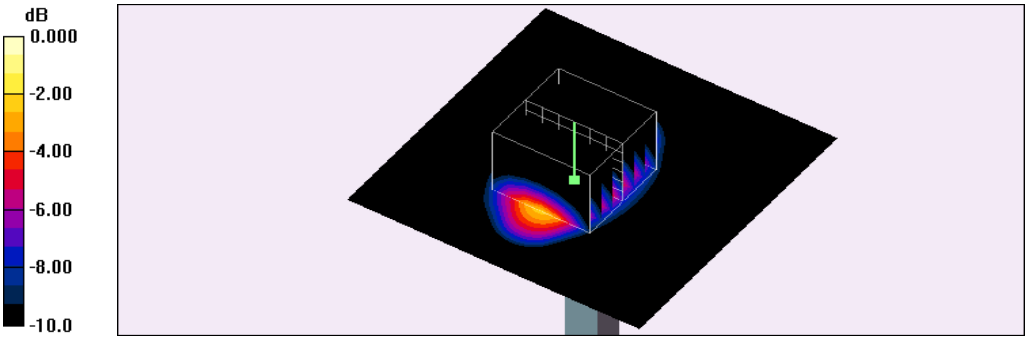
DUT: Dipole D1900V2_SN5d142; Type: D1900V2; Serial: D1900V2 - SN:5d142

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.47 mho/m; ε_r = 52; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

System performance cheek at 1900MHz/Area Scan (61x61x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 15.4 W/kg

System performance cheek at 1900MHz/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 97.4 V/m; Power Drift = 0.156 dB
Peak SAR (extrapolated) = 19.1 W/kg
SAR(1 g) = 10.3 W/kg; SAR(10 g) = 5.19 W/kg
Maximum value of SAR (measured) = 14.8 W/kg



0 dB = 14.8W/kg

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Date/Time: 7/22/2015 02:13:42 PM

System Performance Check at 1900MHz_20150722_Body

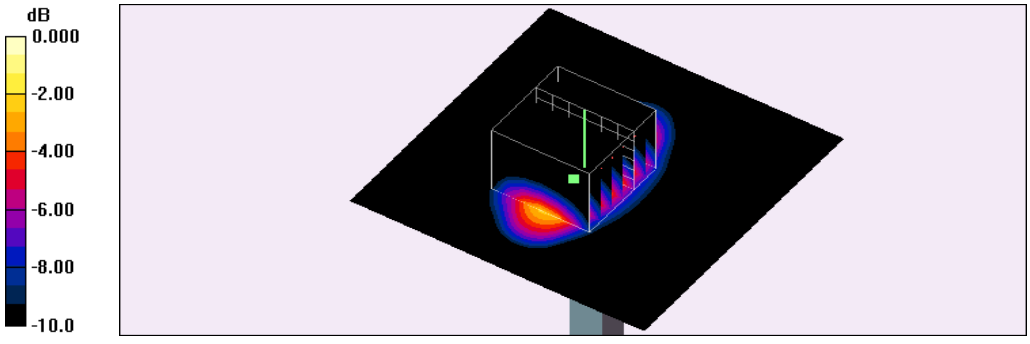
DUT: Dipole D1900V2_SN5d142; Type: D1900V2; Serial: D1900V2 - SN:5d142

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.47 mho/m; ε_r = 52; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

System performance cheek at 1900MHz/Area Scan (61x61x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 15.8 W/kg

System performance cheek at 1900MHz/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 100.2 V/m; Power Drift = 0.047 dB
Peak SAR (extrapolated) = 19.4 W/kg
SAR(1 g) = 10.5 W/kg; SAR(10 g) = 5.39 W/kg
Maximum value of SAR (measured) = 15.2 W/kg



0 dB = 15.2W/kg

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Date/Time: 8/6/2015 08:30:11 AM

System Performance Check at 1900MHz_20150806_Body

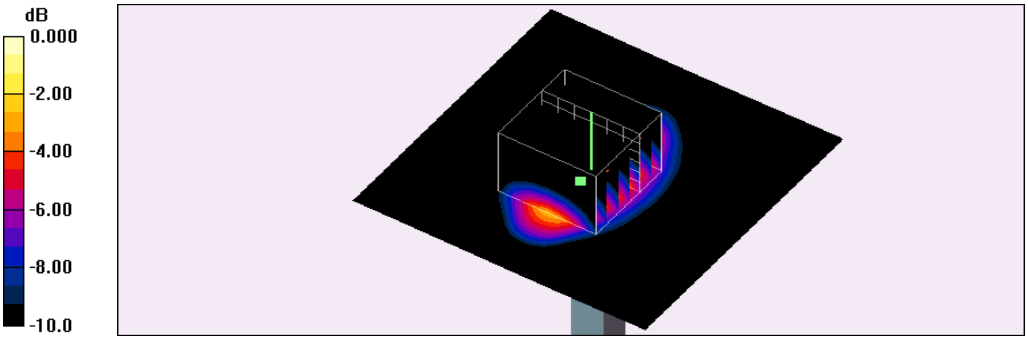
DUT: Dipole D1900V2_SN5d142; Type: D1900V2; Serial: D1900V2 - SN:5d142

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.47 mho/m; ε_r = 52; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

System performance cheek at 1900MHz/Area Scan (61x61x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 15.9 W/kg

System performance cheek at 1900MHz/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 103.0 V/m; Power Drift = -0.019 dB
Peak SAR (extrapolated) = 19.3 W/kg
SAR(1 g) = 10.5 W/kg; SAR(10 g) = 5.41 W/kg
Maximum value of SAR (measured) = 15.0 W/kg



0 dB = 15.0W/kg

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Date/Time: 9/11/2015 06:10:28 PM

System Performance Check at 1900MHz_20150911_Body

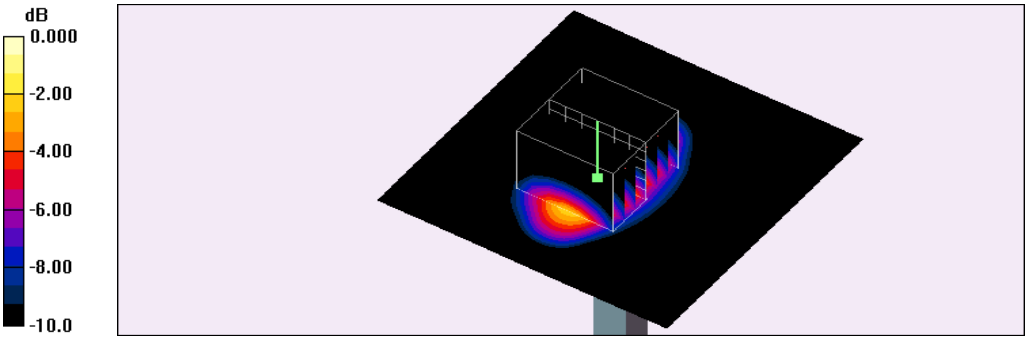
DUT: Dipole D1900V2_SN5d142; Type: D1900V2; Serial: D1900V2 - SN:5d142

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.47 mho/m; ε_r = 52; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

System performance cheek at 1900MHz/Area Scan (61x61x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 15.5 W/kg

System performance cheek at 1900MHz/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 98.1 V/m; Power Drift = 0.011 dB
Peak SAR (extrapolated) = 18.6 W/kg
SAR(1 g) = 10.1 W/kg; SAR(10 g) = 5.2 W/kg
Maximum value of SAR (measured) = 14.5 W/kg



0 dB = 14.5W/kg

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Date/Time: 9/14/2015 08:15:37 AM

System Performance Check at 1900MHz_20150914_Body

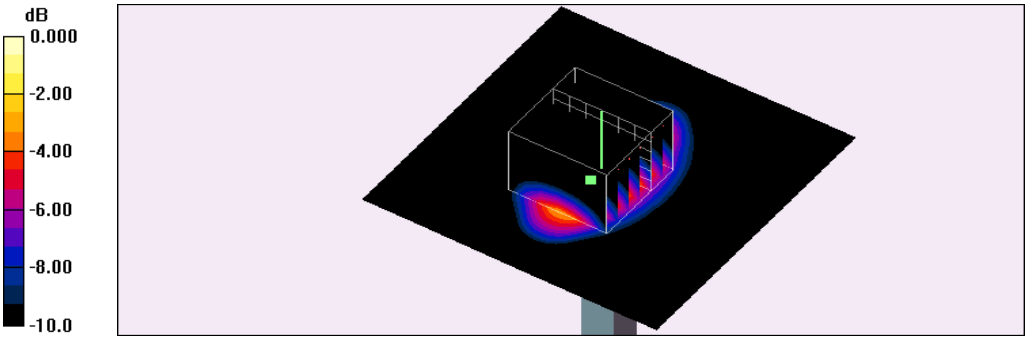
DUT: Dipole D1900V2_SN5d142; Type: D1900V2; Serial: D1900V2 - SN:5d142

Communication System: CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.47 mho/m; ε_r = 52; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

System performance cheek at 1900MHz/Area Scan (61x61x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 15.9 W/kg

System performance cheek at 1900MHz/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 103.4 V/m; Power Drift = 0.013 dB
Peak SAR (extrapolated) = 19.5 W/kg
SAR(1 g) = 10.6 W/kg; SAR(10 g) = 5.41 W/kg
Maximum value of SAR (measured) = 15.2 W/kg



0 dB = 15.2W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/30/2015 09:35:36 PM

System Performance Check at 2450MHz_20150730_Body

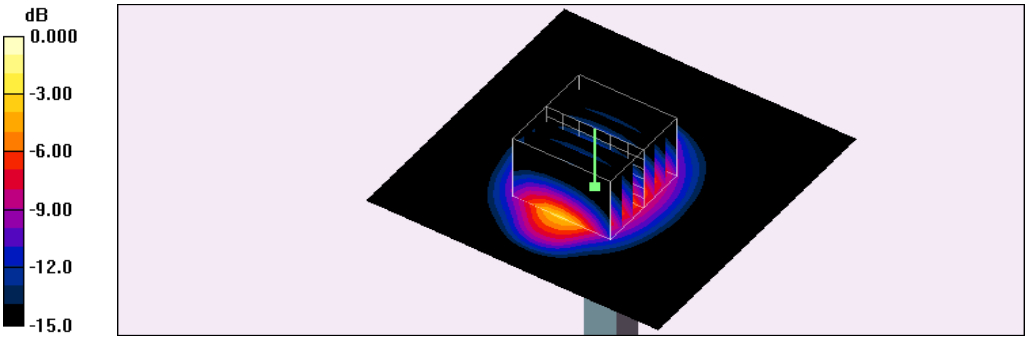
DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:712

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 2.05 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

System performance cheek at 2450MHz/Area Scan (61x61x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 21.9 W/kg

System performance cheek at 2450MHz/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 96.9 V/m; Power Drift = -0.042 dB
Peak SAR (extrapolated) = 25.7 W/kg
SAR(1 g) = 13.1 W/kg; SAR(10 g) = 6.15 W/kg
Maximum value of SAR (measured) = 19.5 W/kg



0 dB = 19.5W/kg

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Date/Time: 9/16/2015 08:28:27 PM

System Performance Check at 2450MHz_20150916_Body

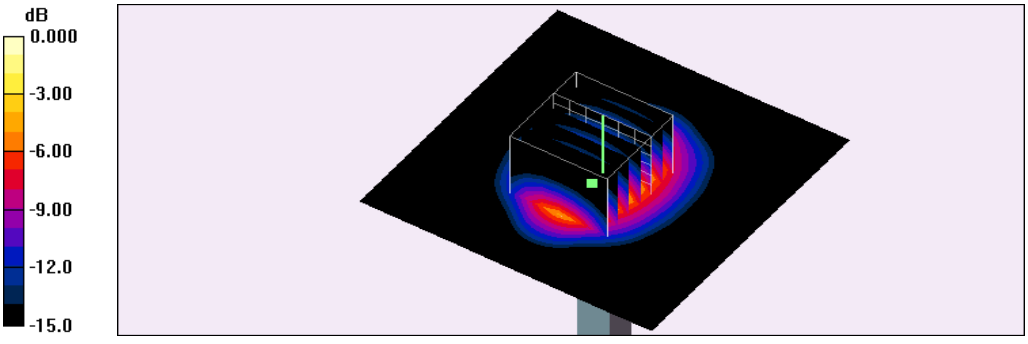
DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:712

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.92 mho/m; ε_r = 50.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

System performance cheek at 2450MHz/Area Scan (61x61x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 20.1 W/kg

System performance cheek at 2450MHz/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 103.6 V/m; Power Drift = 0.012 dB
Peak SAR (extrapolated) = 25.3 W/kg
SAR(1 g) = 13.1 W/kg; SAR(10 g) = 6.22 W/kg
Maximum value of SAR (measured) = 19.5 W/kg



0 dB = 19.5W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/31/2015 06:11:02 AM

System Performance Check at 2600MHz_20150731_Body

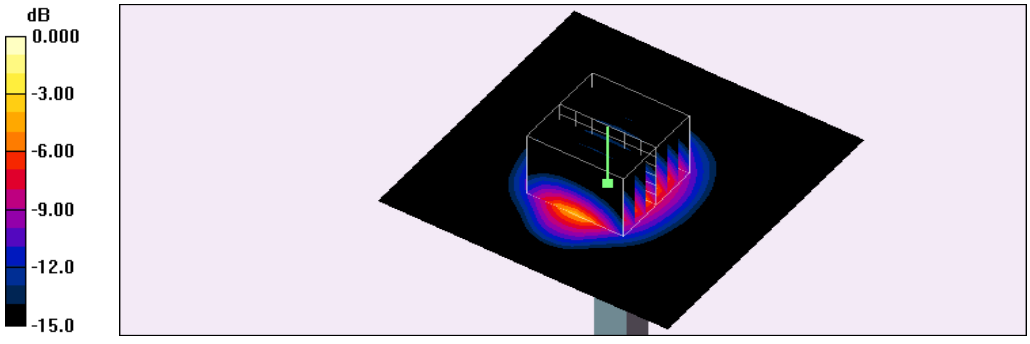
DUT: Dipole 2600 MHz; Type: D2600V2; Serial: D2600V2 - SN:1007

Communication System: CW; Frequency: 2600 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2600 MHz; σ = 2.12 mho/m; ε_r = 51.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

System performance cheek at 2600MHz/Area Scan (61x61x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 23.1 W/kg

System performance cheek at 2600MHz/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 99.3 V/m; Power Drift = -0.025 dB
Peak SAR (extrapolated) = 28.3 W/kg
SAR(1 g) = 13.7 W/kg; SAR(10 g) = 6.13 W/kg
Maximum value of SAR (measured) = 21.0 W/kg



0 dB = 21.0W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/23/2015 03:51:01 PM

System Performance Check at 5200MHz_20150923_Body

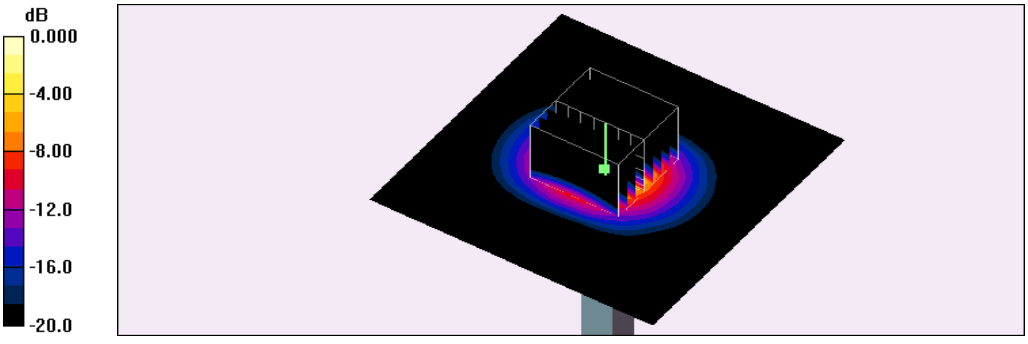
DUT: Dipole 5GHzV2; Type: D5GHz; Serial: 1021

Communication System: CW; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; σ = 5.52 mho/m; ε_r = 47.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

System performance cheek at 5200MHz/Area Scan (91x91x1):
Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 20.6 W/kg

System performance cheek at 5200MHz/Zoom Scan (8x8x7)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 51.1 V/m; Power Drift = -0.011 dB
Peak SAR (extrapolated) = 34.8 W/kg
SAR(1 g) = 7.91 W/kg; SAR(10 g) = 2.2 W/kg
Maximum value of SAR (measured) = 19.3 W/kg



0 dB = 19.3W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/24/2015 01:32:01 PM

System Performance Check at 5800MHz_20150923_Body

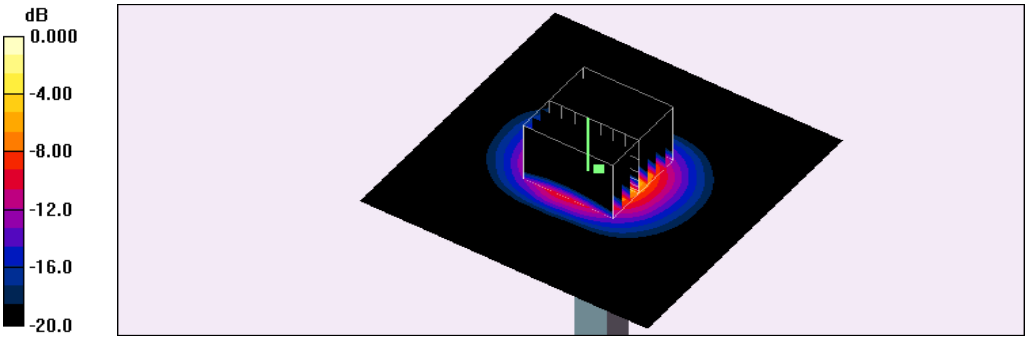
DUT: Dipole 5GHzV2; Type: D5GHz; Serial: 1021

Communication System: CW; Frequency: 5800 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5800 MHz; σ = 6.27 mho/m; ε_r = 46.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

System performance cheek at 5800MHz/Area Scan (91x91x1):
Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 20.0 W/kg

System performance cheek at 5800MHz/Zoom Scan (8x8x7)/Cube 0:
Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 48.1 V/m; Power Drift = -0.061 dB
Peak SAR (extrapolated) = 38.4 W/kg
SAR(1 g) = 7.5 W/kg; SAR(10 g) = 2.07 W/kg
Maximum value of SAR (measured) = 19.2 W/kg



0 dB = 19.2W/kg

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Appendix B - SAR Measurement Data

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/6/2015 09:47:40 AM

2_WCDMA Band II CH9262_RMC-12.2K_side 1_10mm

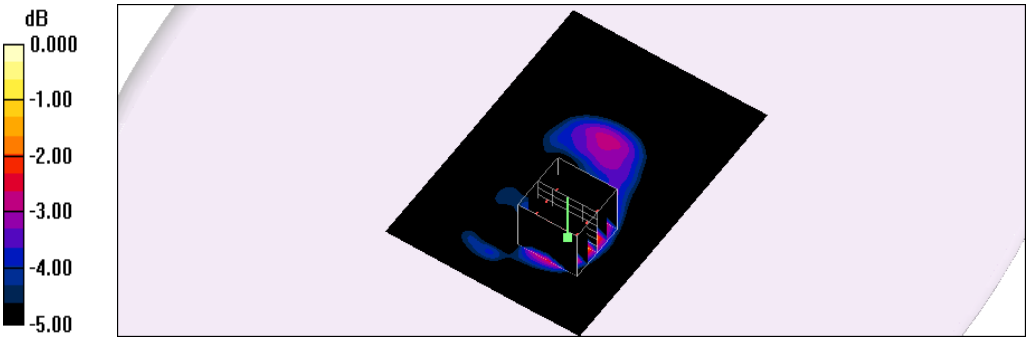
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: WCDMA Band II; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1852.4 MHz; σ = 1.46 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.29 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.6 V/m; Power Drift = -0.018 dB
Peak SAR (extrapolated) = 1.56 W/kg
SAR(1 g) = 0.953 W/kg; SAR(10 g) = 0.544 W/kg
Maximum value of SAR (measured) = 1.28 W/kg



0 dB = 1.28W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/6/2015 09:30:11 AM

1_WCDMA Band II CH9400_RMC-12.2K_side 1_10mm

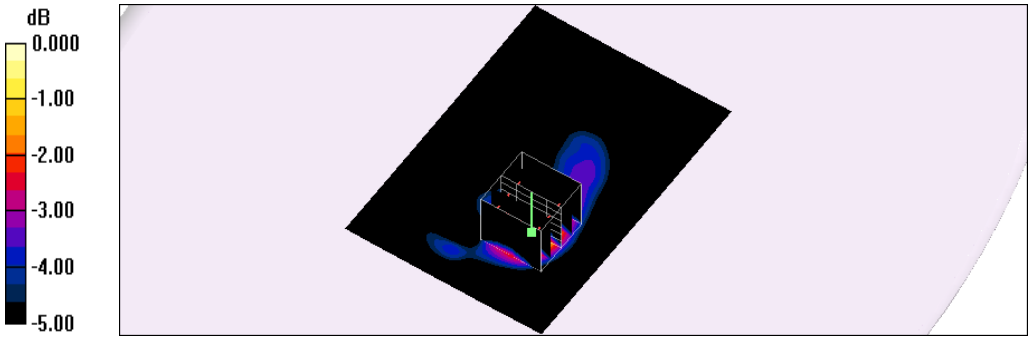
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: WCDMA Band II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.45 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.70 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.3 V/m; Power Drift = 0.071 dB
Peak SAR (extrapolated) = 2.08 W/kg
SAR(1 g) = 1.26 W/kg; SAR(10 g) = 0.726 W/kg
Maximum value of SAR (measured) = 1.69 W/kg



0 dB = 1.69W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/6/2015 10:09:59 AM

3_WCDMA Band II CH9538_RMC-12.2K_side 1_10mm

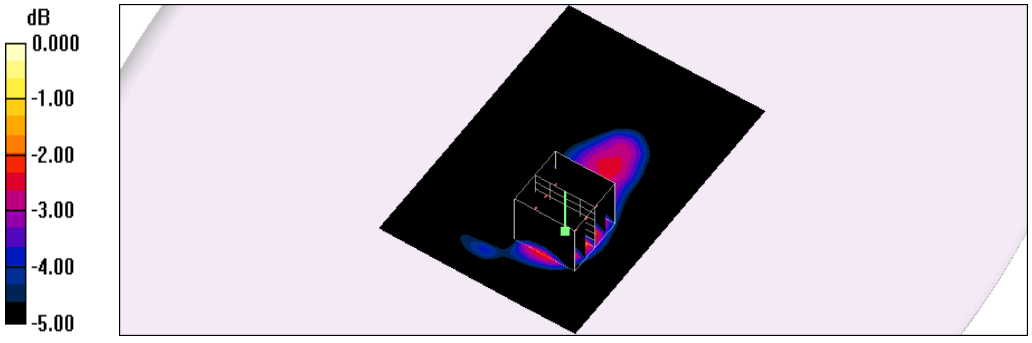
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: WCDMA Band II; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1908 MHz; σ = 1.49 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.57 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.6 V/m; Power Drift = -0.006 dB
Peak SAR (extrapolated) = 1.98 W/kg
SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.673 W/kg
Maximum value of SAR (measured) = 1.60 W/kg



0 dB = 1.60W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/6/2015 11:50:36 AM

5_WCDMA Band II CH9262_RMC-12.2K_side 2_10mm

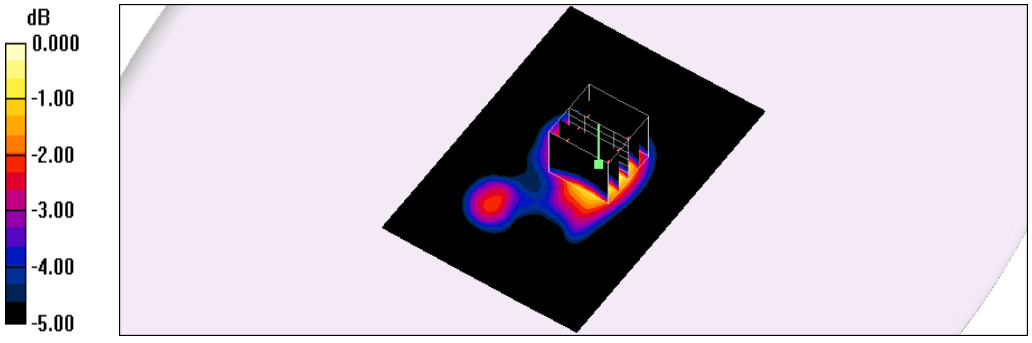
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: WCDMA Band II; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1852.4 MHz; σ = 1.46 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.24 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.9 V/m; Power Drift = 0.023 dB
Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 0.960 W/kg; SAR(10 g) = 0.606 W/kg
Maximum value of SAR (measured) = 1.22 W/kg



0 dB = 1.22W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/6/2015 11:00:27 AM

4_WCDMA Band II CH9400_RMC-12.2K_side 2_10mm

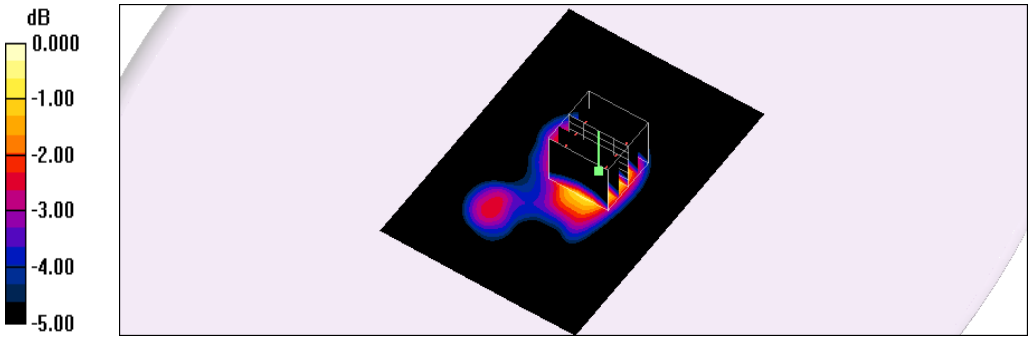
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: WCDMA Band II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.45 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.31 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.8 V/m; Power Drift = -0.008 dB
Peak SAR (extrapolated) = 1.56 W/kg
SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.637 W/kg
Maximum value of SAR (measured) = 1.31 W/kg



0 dB = 1.31W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/6/2015 12:28:11 PM

6_WCDMA Band II CH9538_RMC-12.2K_side 2_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

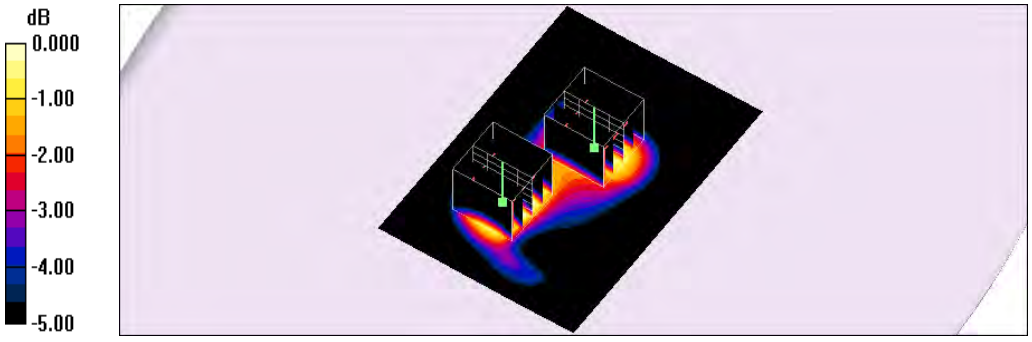
Communication System: WCDMA Band II; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1908 MHz; σ = 1.49 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.38 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.3 V/m; Power Drift = -0.019 dB
Peak SAR (extrapolated) = 1.72 W/kg
SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.590 W/kg
Maximum value of SAR (measured) = 1.38 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.3 V/m; Power Drift = -0.019 dB
Peak SAR (extrapolated) = 1.14 W/kg
SAR(1 g) = 0.735 W/kg; SAR(10 g) = 0.451 W/kg
Maximum value of SAR (measured) = 0.934 W/kg



0 dB = 0.934W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/6/2015 12:56:05 PM

7_WCDMA Band II CH9400_RMC-12.2K_side 3_10mm

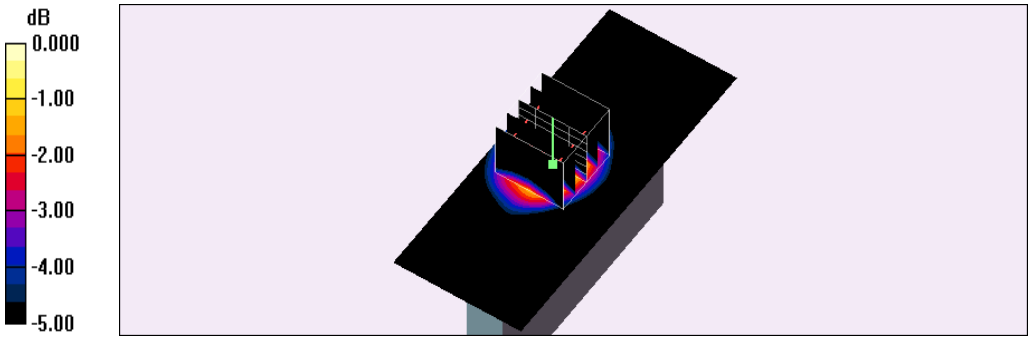
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: WCDMA Band II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.45 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.461 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.3 V/m; Power Drift = 0.018 dB
Peak SAR (extrapolated) = 0.555 W/kg
SAR(1 g) = 0.347 W/kg; SAR(10 g) = 0.208 W/kg
Maximum value of SAR (measured) = 0.455 W/kg



0 dB = 0.455W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/6/2015 01:33:47 PM

8_WCDMA Band II CH9400_RMC-12.2K_side 4_10mm

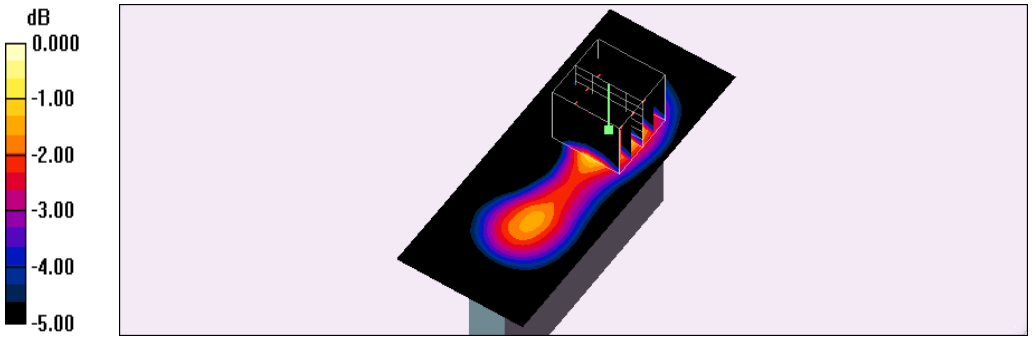
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: WCDMA Band II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.45 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.566 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.7 V/m; Power Drift = -0.022 dB
Peak SAR (extrapolated) = 0.684 W/kg
SAR(1 g) = 0.416 W/kg; SAR(10 g) = 0.245 W/kg
Maximum value of SAR (measured) = 0.558 W/kg



0 dB = 0.558W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/6/2015 01:59:35 PM

9_WCDMA Band II CH9400_RMC-12.2K_side 5_10mm

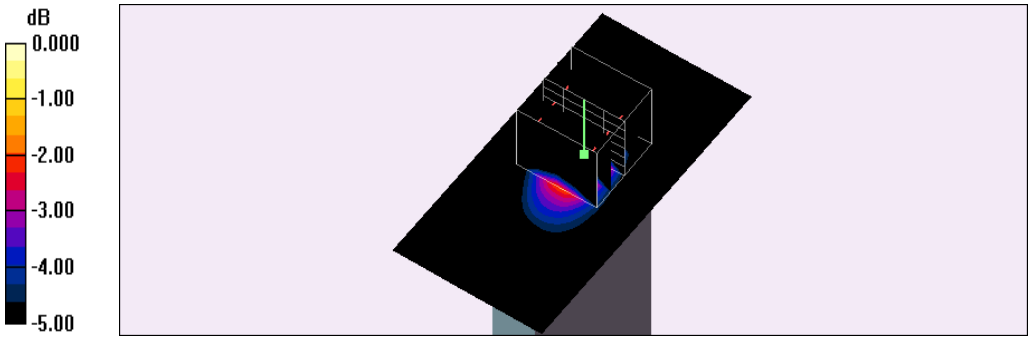
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: WCDMA Band II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.45 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.522 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.0 V/m; Power Drift = -0.141 dB
Peak SAR (extrapolated) = 0.640 W/kg
SAR(1 g) = 0.383 W/kg; SAR(10 g) = 0.210 W/kg
Maximum value of SAR (measured) = 0.525 W/kg



0 dB = 0.525W/kg

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Test Laboratory: A Test Lab Techno Corp.

Date/Time: 8/6/2015 02:22:16 PM

253_HSDPA Band II CH9262_QPSK_Sub-test1_side 1_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: HSDPA Band II; Frequency: 1852.4 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1852.4 MHz; σ = 1.46 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.821 W/kg

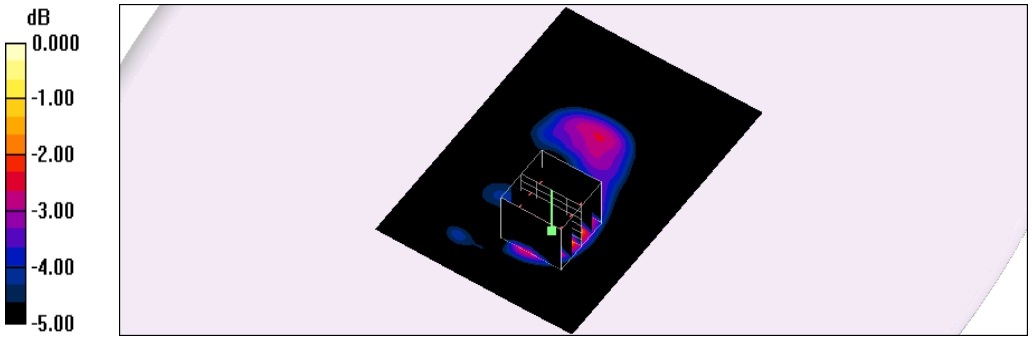
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.6 V/m; Power Drift = 0.004 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.618 W/kg; SAR(10 g) = 0.351 W/kg

Maximum value of SAR (measured) = 0.830 W/kg



0 dB = 0.830W/kg

Test Laboratory: A Test Lab Techno Corp.

Date/Time: 8/6/2015 02:49:02 PM

254_HSDPA Band II CH9400_QPSK_Sub-test1_side 1_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: HSDPA Band II; Frequency: 1880 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz; σ = 1.45 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.924 W/kg

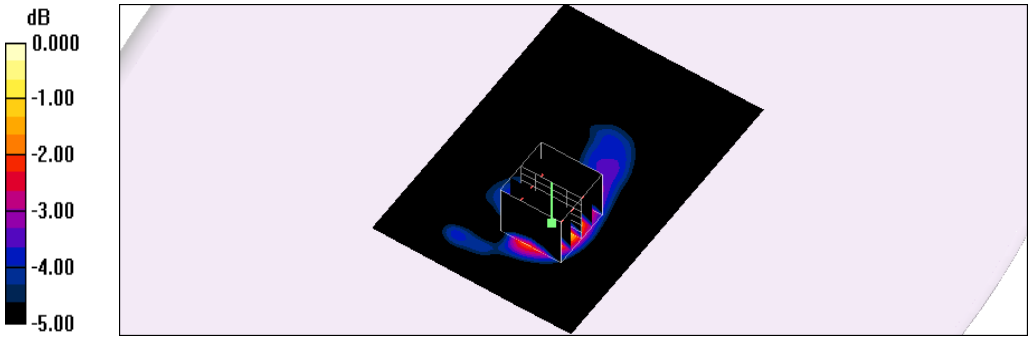
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.5 V/m; Power Drift = -0.010 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.690 W/kg; SAR(10 g) = 0.395 W/kg

Maximum value of SAR (measured) = 0.920 W/kg



0 dB = 0.920W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/6/2015 03:17:51 PM

252_HSDPA Band II CH9538_QPSK_Sub-test1_side 1_10mm

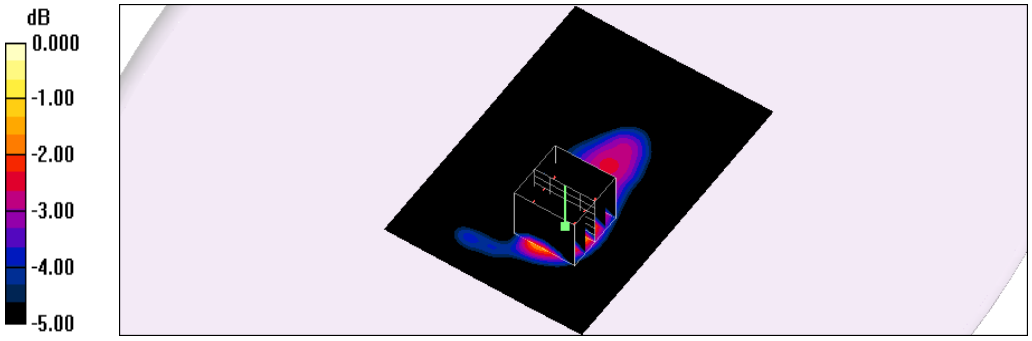
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: HSDPA Band II; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1908 MHz; σ = 1.49 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.12 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.1 V/m; Power Drift = 0.055 dB
Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 0.832 W/kg; SAR(10 g) = 0.474 W/kg
Maximum value of SAR (measured) = 1.11 W/kg



0 dB = 1.11W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/6/2015 03:40:22 PM

255_HSDPA Band II CH9538_QPSK_Sub-test1_side 2_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

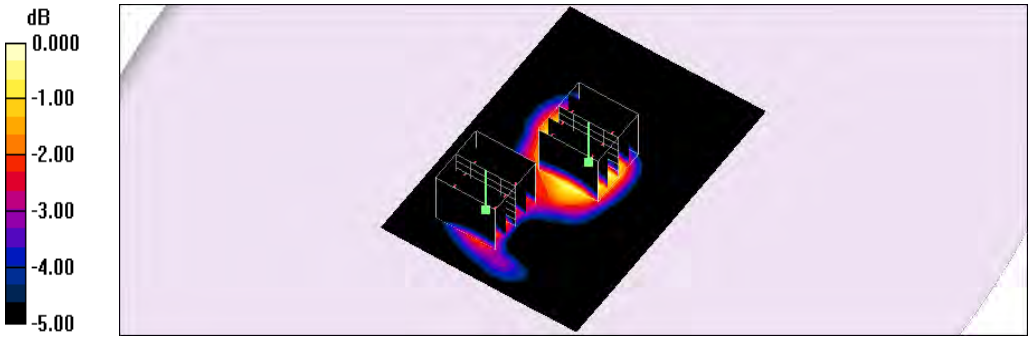
Communication System: HSDPA Band II; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1908 MHz; σ = 1.49 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.953 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.0 V/m; Power Drift = 0.049 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.703 W/kg; SAR(10 g) = 0.447 W/kg
Maximum value of SAR (measured) = 0.893 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.0 V/m; Power Drift = 0.049 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.609 W/kg; SAR(10 g) = 0.349 W/kg
Maximum value of SAR (measured) = 0.819 W/kg



0 dB = 0.819W/kg

Test Laboratory: A Test Lab Techno Corp.

Date/Time: 8/6/2015 04:09:12 PM

257_HSUPA Band II CH9538_QPSK_Sub-test1_side 1_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: HSUPA Band II; Frequency: 1907.6 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1908 MHz; σ = 1.49 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.695 W/kg

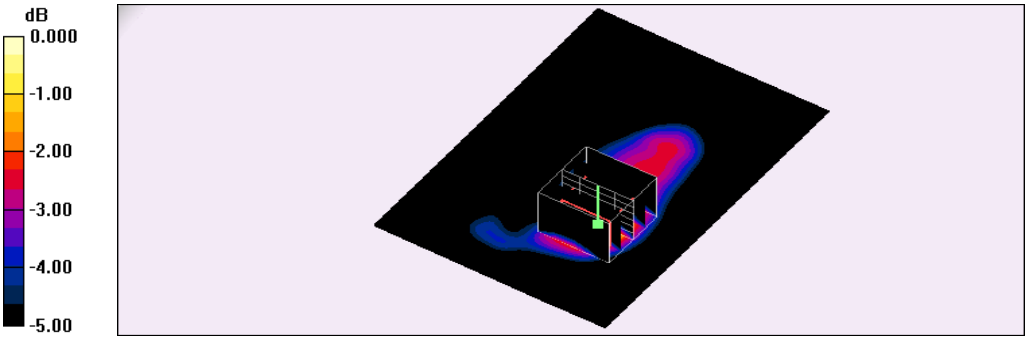
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.1 V/m; Power Drift = 0.031 dB

Peak SAR (extrapolated) = 0.835 W/kg

SAR(1 g) = 0.508 W/kg; SAR(10 g) = 0.293 W/kg

Maximum value of SAR (measured) = 0.682 W/kg



0 dB = 0.682W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/6/2015 04:21:37 PM

256_HSUPA Band II CH9538_QPSK_Sub-test1_side 2_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

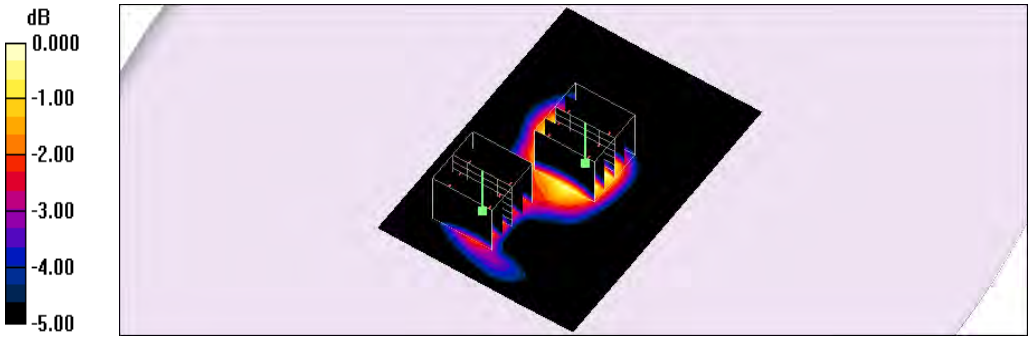
Communication System: HSUPA Band II; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1908 MHz; σ = 1.49 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.833 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.5 V/m; Power Drift = -0.040 dB
Peak SAR (extrapolated) = 0.932 W/kg
SAR(1 g) = 0.613 W/kg; SAR(10 g) = 0.390 W/kg
Maximum value of SAR (measured) = 0.775 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.5 V/m; Power Drift = -0.040 dB
Peak SAR (extrapolated) = 0.869 W/kg
SAR(1 g) = 0.525 W/kg; SAR(10 g) = 0.302 W/kg
Maximum value of SAR (measured) = 0.707 W/kg



0 dB = 0.707W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/13/2015 12:06:38 AM

125_WCDMA Band IV CH1312_RMC-12.2K_side 1_10mm

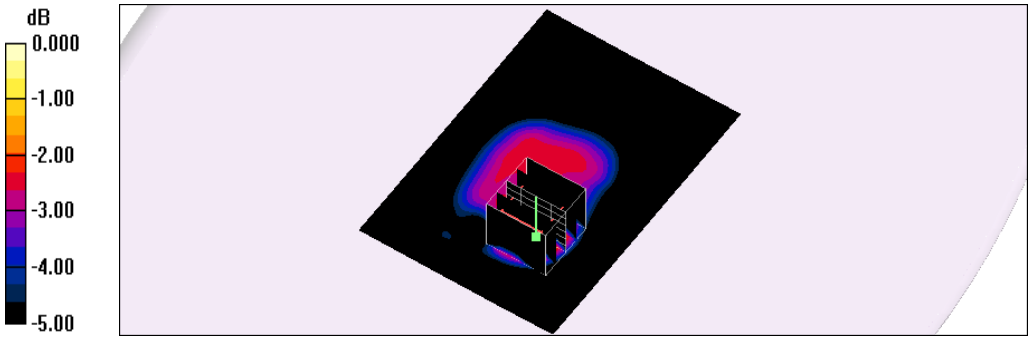
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: WCDMA Band IV; Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1712.4 MHz; σ = 1.48 mho/m; ε_r = 55.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 27.4 V/m; Power Drift = -0.011 dB
Peak SAR (extrapolated) = 1.46 W/kg
SAR(1 g) = 0.888 W/kg; SAR(10 g) = 0.510 W/kg
Maximum value of SAR (measured) = 1.18 W/kg



0 dB = 1.18W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/12/2015 11:47:42 PM

124_WCDMA Band IV CH1413_RMC-12.2K_side 1_10mm

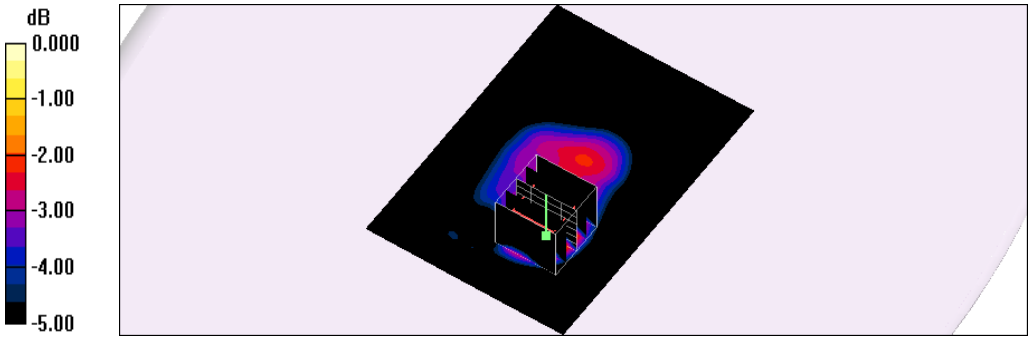
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: WCDMA Band IV; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1733 MHz; σ = 1.51 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.30 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.2 V/m; Power Drift = -0.008 dB
Peak SAR (extrapolated) = 1.62 W/kg
SAR(1 g) = 0.973 W/kg; SAR(10 g) = 0.558 W/kg
Maximum value of SAR (measured) = 1.30 W/kg



0 dB = 1.30W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/13/2015 12:21:47 AM

126_WCDMA Band IV CH1513_RMC-12.2K_side 1_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

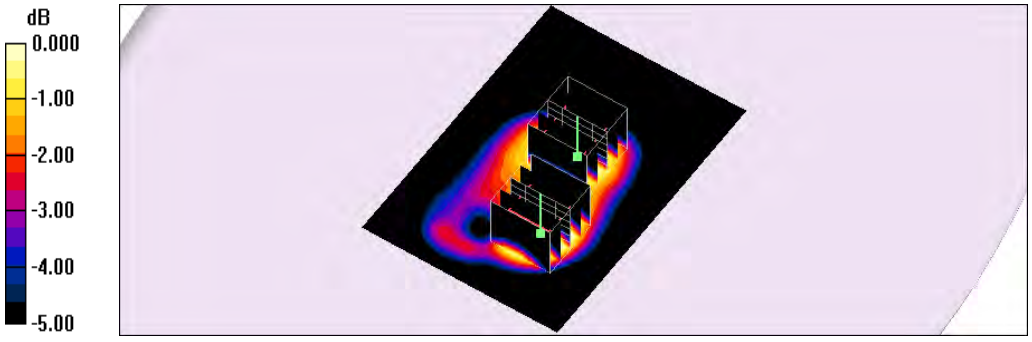
Communication System: WCDMA Band IV; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1753 MHz; σ = 1.53 mho/m; ε_r = 55.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.37 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.0 V/m; Power Drift = 0.028 dB
Peak SAR (extrapolated) = 1.69 W/kg
SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.578 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 = 28.0 V/m; Power Drift = 0.028 dB
Peak SAR (extrapolated) = 0.996 W/kg
SAR(1 g) = 0.661 W/kg; SAR(10 g) = 0.428 W/kg
Maximum value of SAR (measured) = 0.821 W/kg



0 dB = 0.821W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/12/2015 10:38:29 PM

128_WCDMA Band IV CH1312_RMC-12.2K_side 2_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

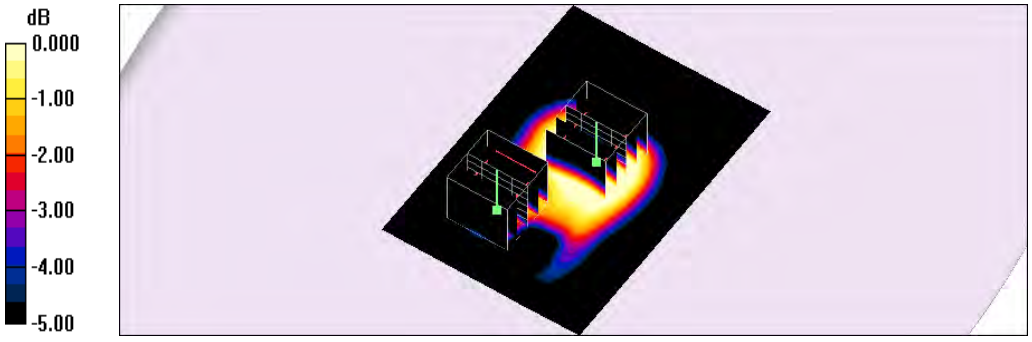
Communication System: WCDMA Band IV; Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1712.4 MHz; σ = 1.48 mho/m; ε_r = 55.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.39 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.8 V/m; Power Drift = -0.010 dB
Peak SAR (extrapolated) = 1.55 W/kg
SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.680 W/kg
Maximum value of SAR (measured) = 1.31 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.8 V/m; Power Drift = -0.010 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.647 W/kg; SAR(10 g) = 0.368 W/kg
Maximum value of SAR (measured) = 0.876 W/kg



0 dB = 0.876W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/12/2015 10:16:56 PM

127_WCDMA Band IV CH1413_RMC-12.2K_side 2_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

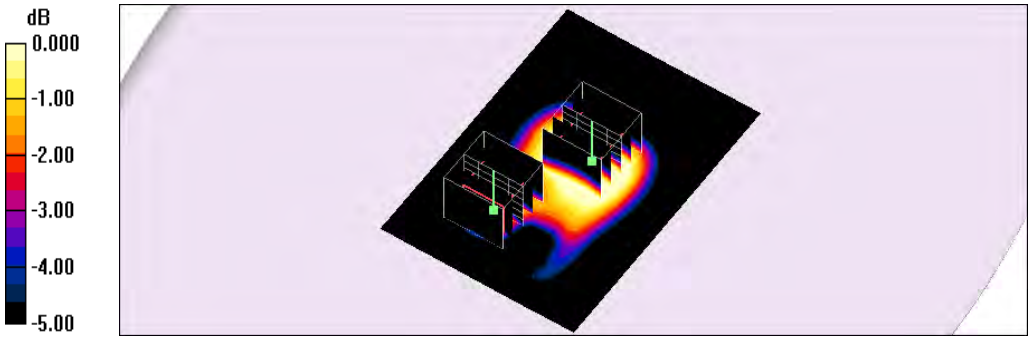
Communication System: WCDMA Band IV; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1733 MHz; σ = 1.51 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.43 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.7 V/m; Power Drift = -0.005 dB
Peak SAR (extrapolated) = 1.57 W/kg
SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.680 W/kg
Maximum value of SAR (measured) = 1.32 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.7 V/m; Power Drift = -0.005 dB
Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.696 W/kg; SAR(10 g) = 0.388 W/kg
Maximum value of SAR (measured) = 0.950 W/kg



0 dB = 0.950W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/12/2015 11:04:56 PM

129_WCDMA Band IV CH1513_RMC-12.2K_side 2_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

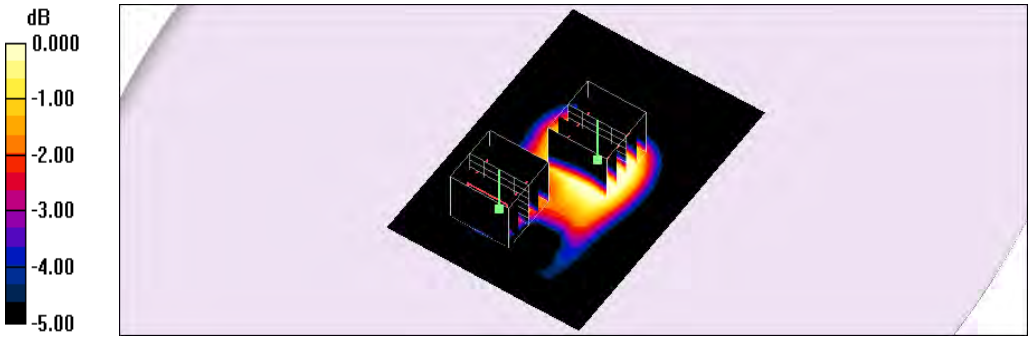
Communication System: WCDMA Band IV; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1753 MHz; σ = 1.53 mho/m; ε_r = 55.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.74 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.2 V/m; Power Drift = 0.009 dB
Peak SAR (extrapolated) = 1.97 W/kg
SAR(1 g) = 1.31 W/kg; SAR(10 g) = 0.842 W/kg
Maximum value of SAR (measured) = 1.64 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.2 V/m; Power Drift = 0.009 dB
Peak SAR (extrapolated) = 1.56 W/kg
SAR(1 g) = 0.905 W/kg; SAR(10 g) = 0.498 W/kg
Maximum value of SAR (measured) = 1.25 W/kg



0 dB = 1.25W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/12/2015 09:38:06 PM

130_WCDMA Band IV CH1413_RMC-12.2K_side 3_10mm

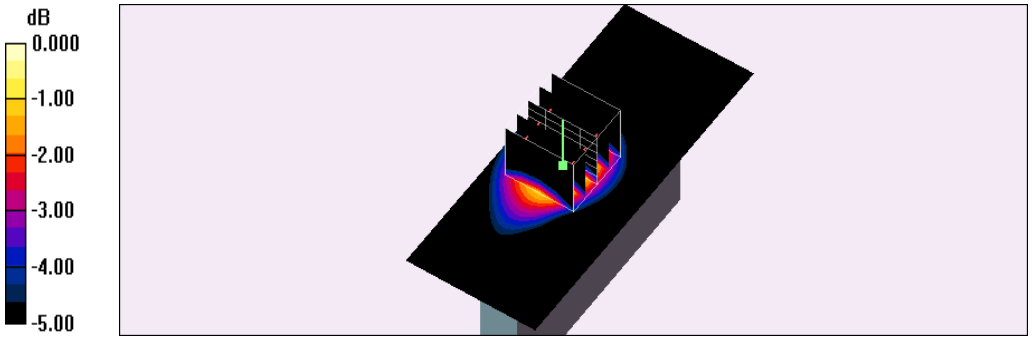
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: WCDMA Band IV; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1733 MHz; σ = 1.51 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.619 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.8 V/m; Power Drift = 0.002 dB
Peak SAR (extrapolated) = 0.748 W/kg
SAR(1 g) = 0.475 W/kg; SAR(10 g) = 0.289 W/kg
Maximum value of SAR (measured) = 0.622 W/kg



0 dB = 0.622W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/12/2015 09:50:55 PM

131_WCDMA Band IV CH1413_RMC-12.2K_side 4_10mm

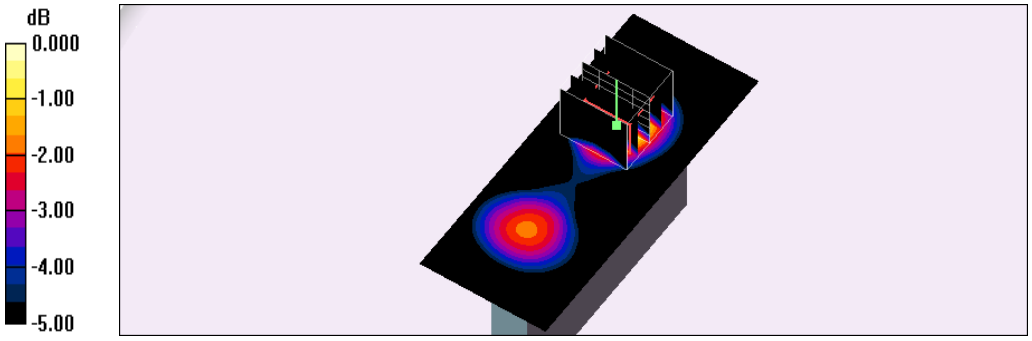
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: WCDMA Band IV; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1733 MHz; σ = 1.51 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 21.4 V/m; Power Drift = -0.019 dB
Peak SAR (extrapolated) = 0.845 W/kg
SAR(1 g) = 0.522 W/kg; SAR(10 g) = 0.305 W/kg
Maximum value of SAR (measured) = 0.688 W/kg



0 dB = 0.688W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/12/2015 10:03:55 PM

132_WCDMA Band IV CH1413_RMC-12.2K_side 5_10mm

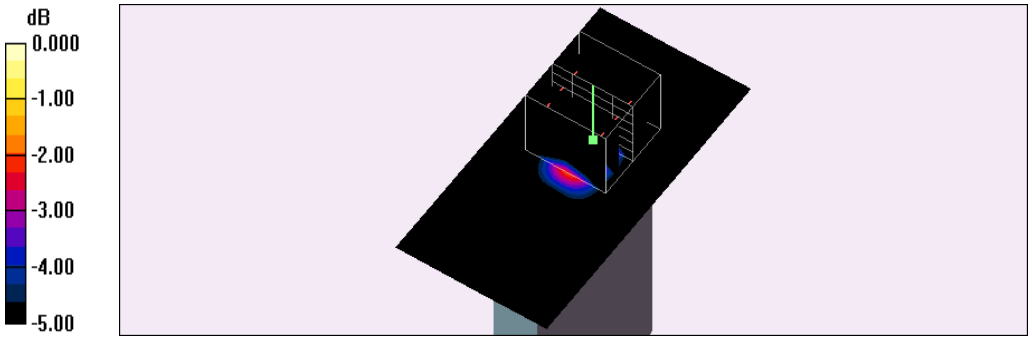
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: WCDMA Band IV; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1733 MHz; σ = 1.51 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.479 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.0 V/m; Power Drift = 0.015 dB
Peak SAR (extrapolated) = 0.574 W/kg
SAR(1 g) = 0.347 W/kg; SAR(10 g) = 0.189 W/kg
Maximum value of SAR (measured) = 0.477 W/kg



0 dB = 0.477W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/13/2015 01:27:01 AM

261_HSDPA Band IV CH1312_QPSK_Sub-test1_side 2_10mm

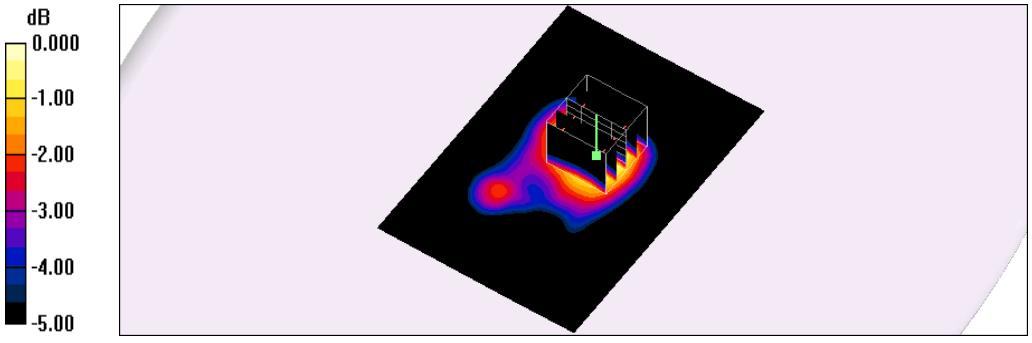
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: HSDPA Band IV; Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1712.4 MHz; σ = 1.48 mho/m; ε_r = 55.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 26.5 V/m; Power Drift = -0.028 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.789 W/kg; SAR(10 g) = 0.510 W/kg
Maximum value of SAR (measured) = 0.993 W/kg



0 dB = 0.993W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/13/2015 01:53:37 AM

262_HSDPA Band IV CH1413_QPSK_Sub-test1_side 2_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

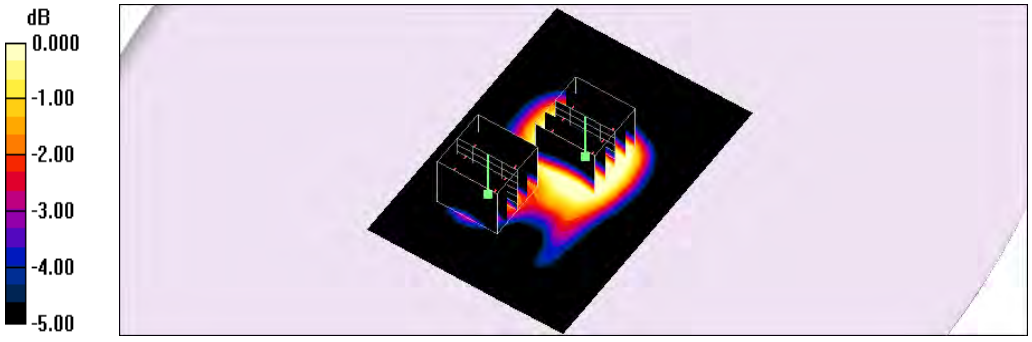
Communication System: HSDPA Band IV; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1733 MHz; σ = 1.51 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 26.3 V/m; Power Drift = -0.014 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.786 W/kg; SAR(10 g) = 0.505 W/kg
Maximum value of SAR (measured) = 0.988 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.3 V/m; Power Drift = -0.014 dB
Peak SAR (extrapolated) = 0.809 W/kg
SAR(1 g) = 0.479 W/kg; SAR(10 g) = 0.268 W/kg
Maximum value of SAR (measured) = 0.652 W/kg



0 dB = 0.652W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/13/2015 02:34:59 AM

259_HSDPA Band IV CH1513_QPSK_Sub-test1_side 2_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

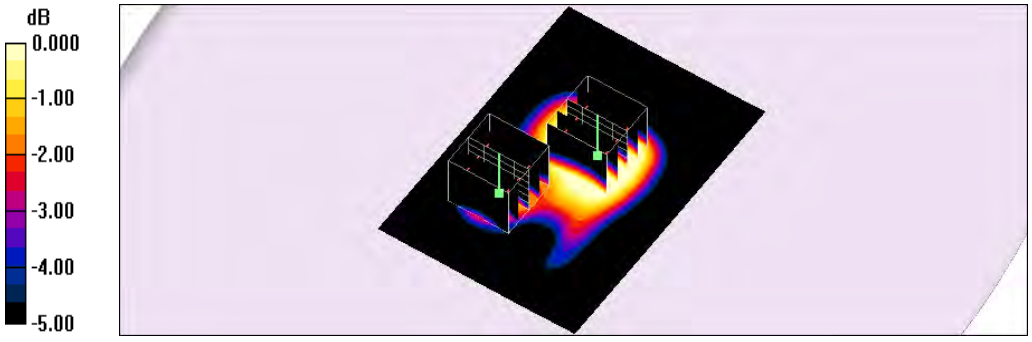
Communication System: HSDPA Band IV; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1753 MHz; σ = 1.53 mho/m; ε_r = 55.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.09 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.5 V/m; Power Drift = -0.009 dB
Peak SAR (extrapolated) = 1.22 W/kg
SAR(1 g) = 0.818 W/kg; SAR(10 g) = 0.524 W/kg
Maximum value of SAR (measured) = 1.02 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.5 V/m; Power Drift = -0.009 dB
Peak SAR (extrapolated) = 0.894 W/kg
SAR(1 g) = 0.532 W/kg; SAR(10 g) = 0.297 W/kg
Maximum value of SAR (measured) = 0.717 W/kg



0 dB = 0.717W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/13/2015 02:48:08 AM

260_HSUPA Band IV CH1513_QPSK_Sub-test1_side 2_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

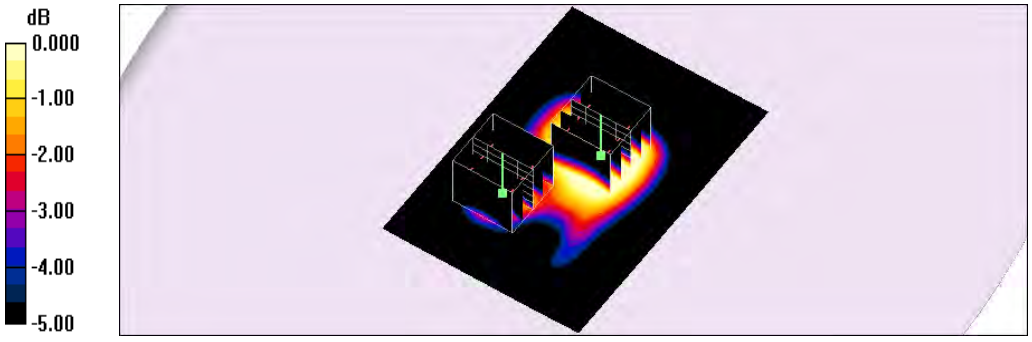
Communication System: HSUPA Band IV; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1753 MHz; σ = 1.53 mho/m; ε_r = 55.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.744 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.0 V/m; Power Drift = 0.054 dB
Peak SAR (extrapolated) = 0.849 W/kg
SAR(1 g) = 0.566 W/kg; SAR(10 g) = 0.362 W/kg
Maximum value of SAR (measured) = 0.706 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.0 V/m; Power Drift = 0.054 dB
Peak SAR (extrapolated) = 0.624 W/kg
SAR(1 g) = 0.368 W/kg; SAR(10 g) = 0.205 W/kg
Maximum value of SAR (measured) = 0.498 W/kg



0 dB = 0.498W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/7/2015 12:26:26 AM

134_WCDMA Band V CH4132_RMC-12.2K_side 1_10mm

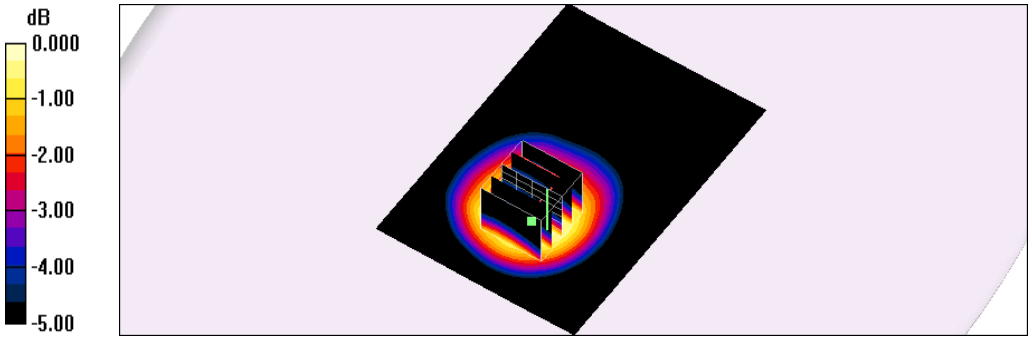
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: WCDMA Band V; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 826.4 MHz; σ = 0.988 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.926 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.8 V/m; Power Drift = 0.006 dB
Peak SAR (extrapolated) = 1.04 W/kg
SAR(1 g) = 0.773 W/kg; SAR(10 g) = 0.575 W/kg
Maximum value of SAR (measured) = 0.897 W/kg



0 dB = 0.897W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/7/2015 12:05:39 AM

133_WCDMA Band V CH4183_RMC-12.2K_side 1_10mm

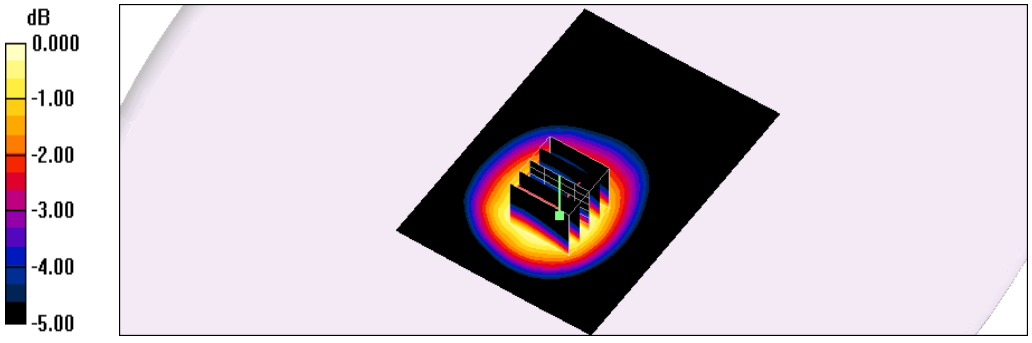
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: WCDMA Band V; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 837 MHz; σ = 1 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.08 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.1 V/m; Power Drift = 0.009 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.909 W/kg; SAR(10 g) = 0.686 W/kg
Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 1.05W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/7/2015 12:58:50 AM

135_WCDMA Band V CH4233_RMC-12.2K_side 1_10mm

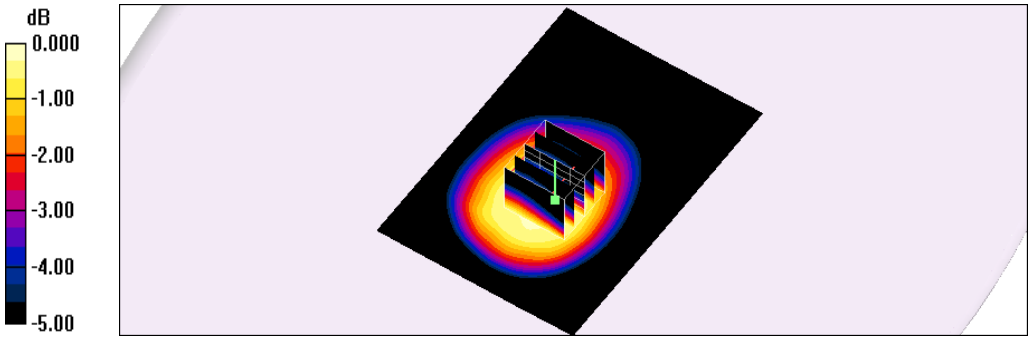
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: WCDMA Band V; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 847 MHz; σ = 1.01 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 34.1 V/m; Power Drift = -0.007 dB
Peak SAR (extrapolated) = 1.29 W/kg
SAR(1 g) = 0.983 W/kg; SAR(10 g) = 0.745 W/kg
Maximum value of SAR (measured) = 1.15 W/kg



0 dB = 1.15W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/7/2015 01:36:33 AM

137_WCDMA Band V CH4132_RMC-12.2K_side 2_10mm

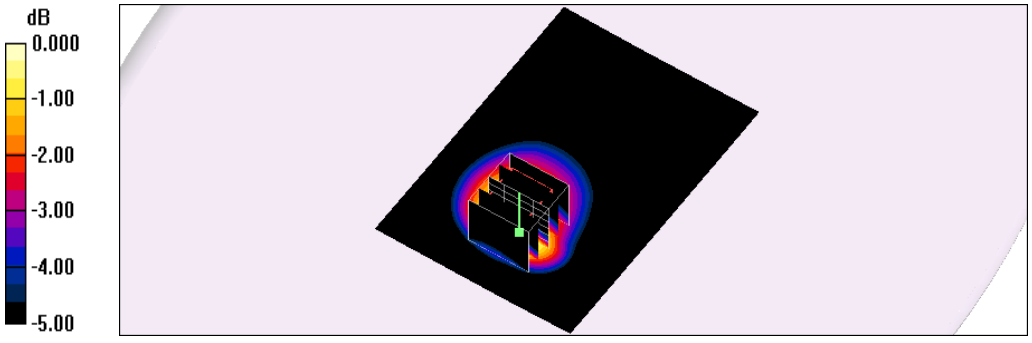
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: WCDMA Band V; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 826.4 MHz; σ = 0.988 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.25 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 34.5 V/m; Power Drift = 0.021 dB
Peak SAR (extrapolated) = 1.42 W/kg
SAR(1 g) = 0.945 W/kg; SAR(10 g) = 0.639 W/kg
Maximum value of SAR (measured) = 1.19 W/kg



0 dB = 1.19W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/7/2015 01:18:54 AM

136_WCDMA Band V CH4183_RMC-12.2K_side 2_10mm

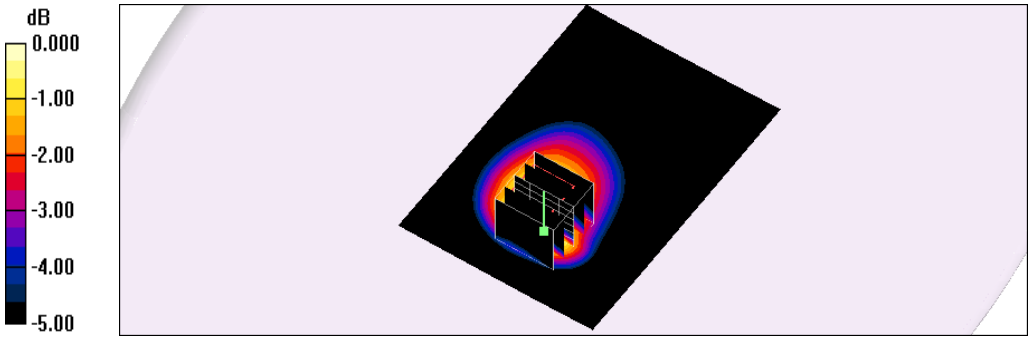
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: WCDMA Band V; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 837 MHz; σ = 1 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.50 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 36.7 V/m; Power Drift = -0.009 dB
Peak SAR (extrapolated) = 1.65 W/kg
SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.750 W/kg
Maximum value of SAR (measured) = 1.38 W/kg



0 dB = 1.38W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/7/2015 01:59:08 AM

138_WCDMA Band V CH4233_RMC-12.2K_side 2_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

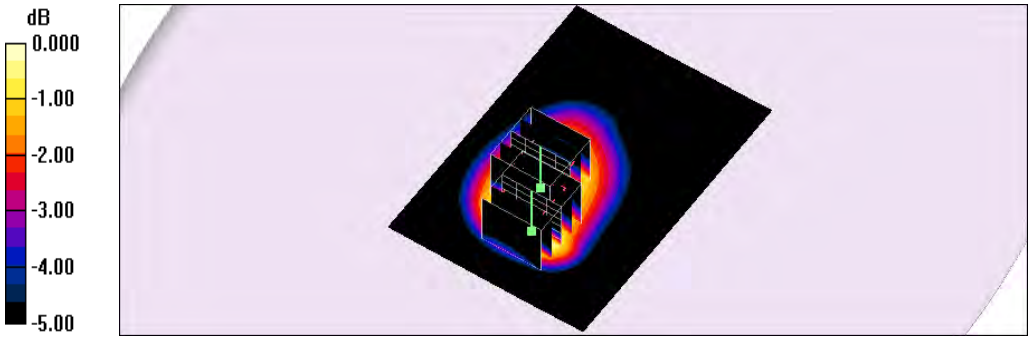
Communication System: WCDMA Band V; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 847 MHz; σ = 1.01 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.54 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 36.8 V/m; Power Drift = 0.005 dB
Peak SAR (extrapolated) = 1.70 W/kg
SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.788 W/kg
Maximum value of SAR (measured) = 1.43 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 36.8 V/m; Power Drift = 0.005 dB
Peak SAR (extrapolated) = 1.52 W/kg
SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.832 W/kg
Maximum value of SAR (measured) = 1.34 W/kg



0 dB = 1.34W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/7/2015 02:28:13 AM

139_WCDMA Band V CH4183_RMC-12.2K_side 3_10mm

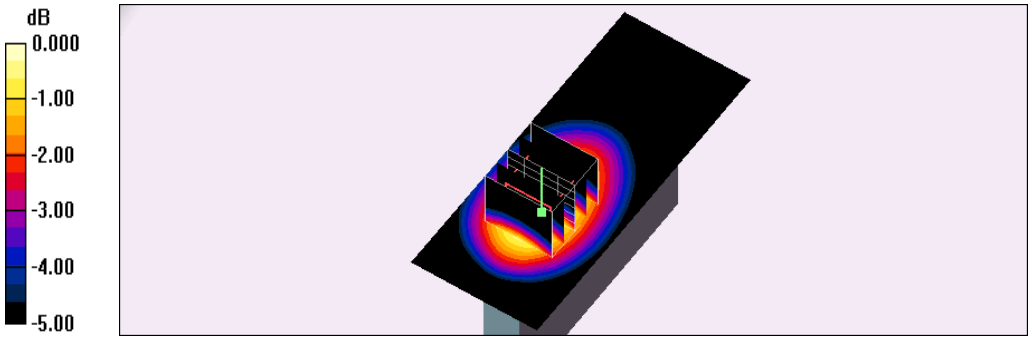
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: WCDMA Band V; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 837 MHz; σ = 1 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.599 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.6 V/m; Power Drift = 0.008 dB
Peak SAR (extrapolated) = 0.677 W/kg
SAR(1 g) = 0.489 W/kg; SAR(10 g) = 0.342 W/kg
Maximum value of SAR (measured) = 0.592 W/kg



0 dB = 0.592W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/7/2015 02:57:06 AM

140_WCDMA Band V CH4183_RMC-12.2K_side 4_10mm

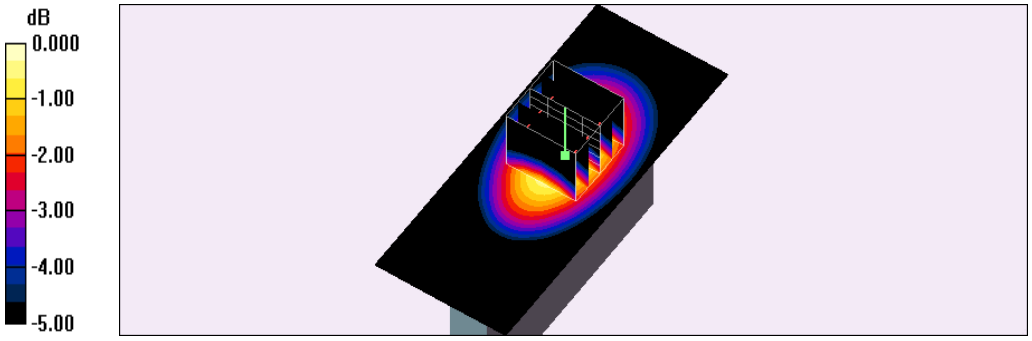
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: WCDMA Band V; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 837 MHz; σ = 1 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.444 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.4 V/m; Power Drift = -0.155 dB
Peak SAR (extrapolated) = 0.515 W/kg
SAR(1 g) = 0.360 W/kg; SAR(10 g) = 0.247 W/kg
Maximum value of SAR (measured) = 0.446 W/kg



0 dB = 0.446W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/7/2015 03:29:34 AM

141_WCDMA Band V CH4183_RMC-12.2K_side 5_10mm

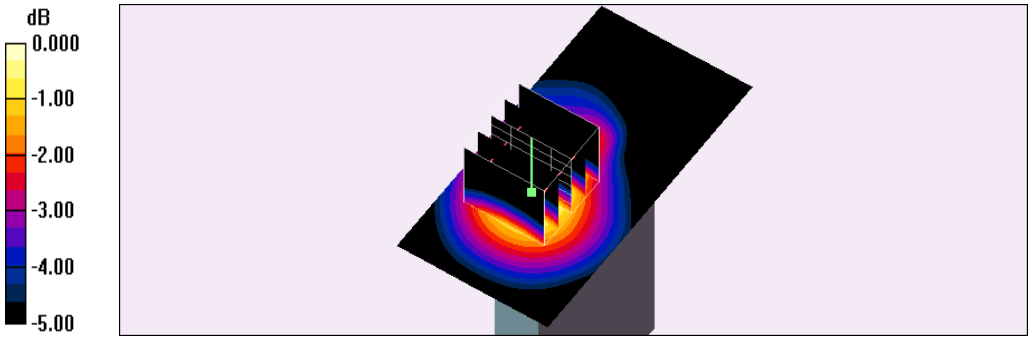
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: WCDMA Band V; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 837 MHz; σ = 1 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.202 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.6 V/m; Power Drift = -0.007 dB
Peak SAR (extrapolated) = 0.237 W/kg
SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.108 W/kg
Maximum value of SAR (measured) = 0.202 W/kg



0 dB = 0.202W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/7/2015 03:29:34 AM

264_HSDPA Band V CH4132_QPSK_Sub-test1_side 2_10mm

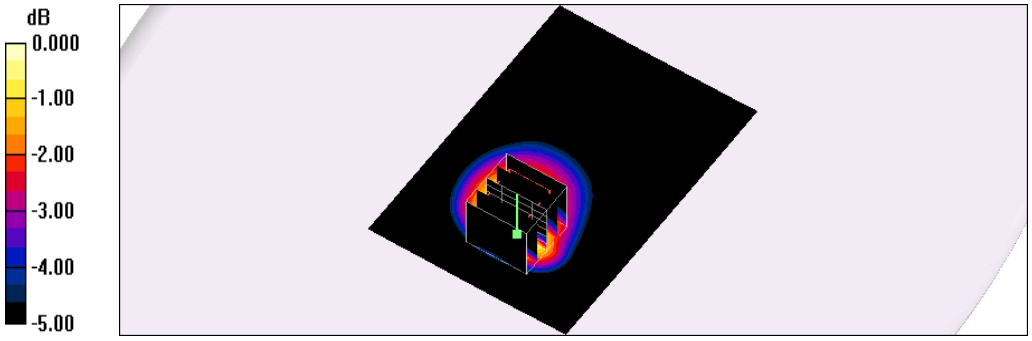
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: HSDPA Band V; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 826.4 MHz; σ = 0.988 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.951 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.7 V/m; Power Drift = 0.064 dB
Peak SAR (extrapolated) = 1.08 W/kg
SAR(1 g) = 0.730 W/kg; SAR(10 g) = 0.501 W/kg
Maximum value of SAR (measured) = 0.923 W/kg



0 dB = 0.923W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/7/2015 03:56:19 AM

265_HSUPA Band V CH4132_QPSK_Sub-test1_side 2_10mm

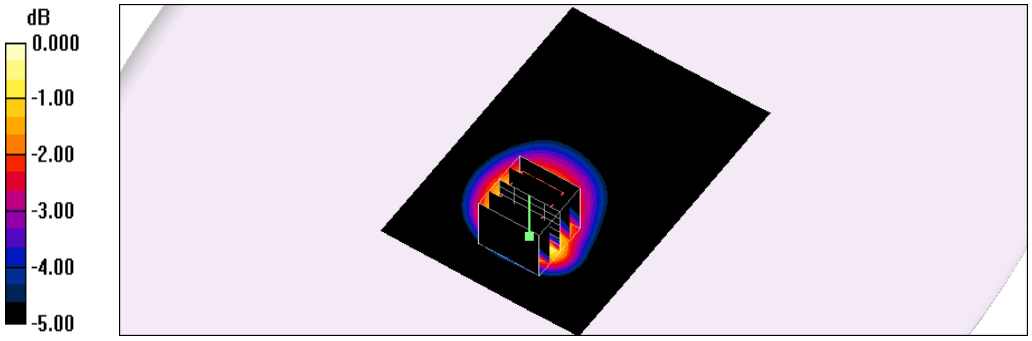
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: HSUPA Band V; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used: f = 826.4 MHz; σ = 0.988 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 30.1 V/m; Power Drift = -0.163 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.719 W/kg; SAR(10 g) = 0.491 W/kg
Maximum value of SAR (measured) = 0.912 W/kg



0 dB = 0.912W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/20/2015 09:29:24 PM

183_CDMA 800 CH450_RC1-SO55_side 1_10mm

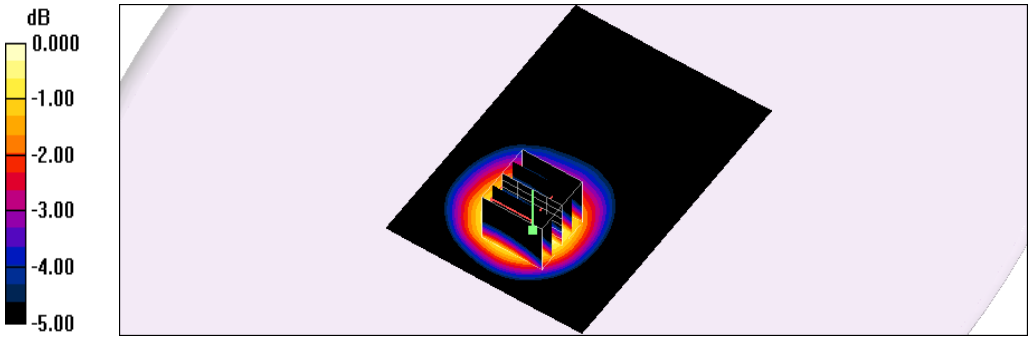
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: CDMA Secondary 800MHz; Frequency: 817.25 MHz;Duty Cycle: 1:1
Medium parameters used: f = 817.25 MHz; σ = 0.978 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.960 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.8 V/m; Power Drift = -0.001 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.789 W/kg; SAR(10 g) = 0.577 W/kg
Maximum value of SAR (measured) = 0.923 W/kg



0 dB = 0.923W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/20/2015 09:13:30 PM

182_CDMA 800 CH560_RC1-SO55_side 1_10mm

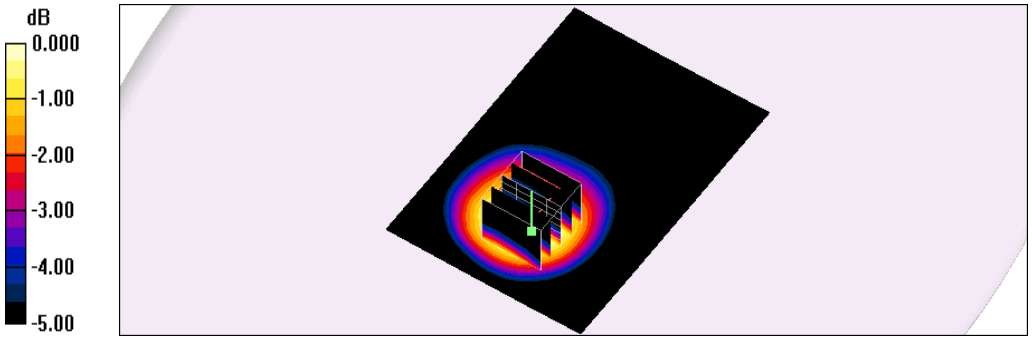
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: CDMA Secondary 800MHz; Frequency: 820 MHz;Duty Cycle: 1:1
Medium parameters used: f = 820 MHz; σ = 0.98 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.05 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.2 V/m; Power Drift = -0.068 dB
Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.845 W/kg; SAR(10 g) = 0.623 W/kg
Maximum value of SAR (measured) = 0.990 W/kg



0 dB = 0.990W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/20/2015 09:45:35 PM

184_CDMA 800 CH670_RC1-SO55_side 1_10mm

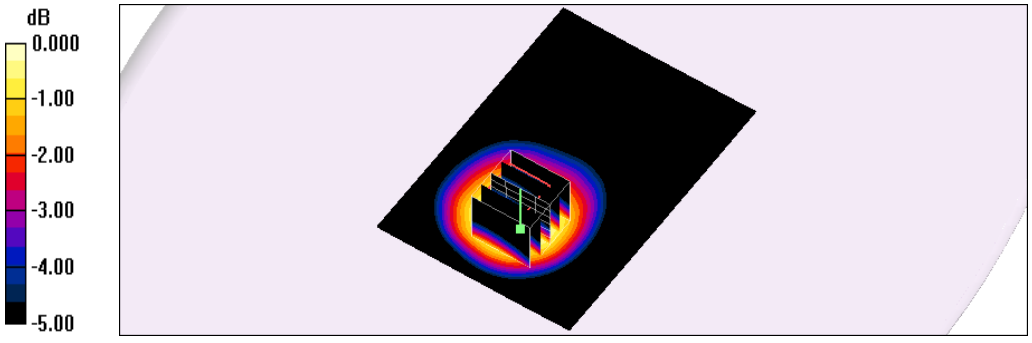
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: CDMA Secondary 800MHz; Frequency: 822.75 MHz;Duty Cycle: 1:1
Medium parameters used: f = 823 MHz; σ = 0.984 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.12 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.9 V/m; Power Drift = -0.034 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.909 W/kg; SAR(10 g) = 0.672 W/kg
Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.06W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/21/2015 12:44:27 AM

186_CDMA 800 CH450_RC1-SO55_side 2_10mm

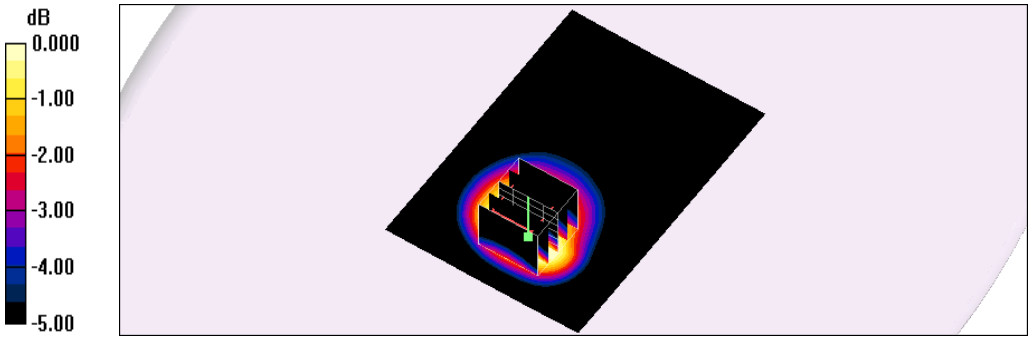
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: CDMA Secondary 800MHz; Frequency: 817.25 MHz;Duty Cycle: 1:1
Medium parameters used: f = 817.25 MHz; σ = 0.978 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.31 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.5 V/m; Power Drift = -0.021 dB
Peak SAR (extrapolated) = 1.20 W/kg
SAR(1 g) = 0.805 W/kg; SAR(10 g) = 0.547 W/kg
Maximum value of SAR (measured) = 0.970 W/kg



0 dB = 0.970W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/20/2015 10:32:09 PM

185_CDMA 800 CH560_RC1-SO55_side 2_10mm

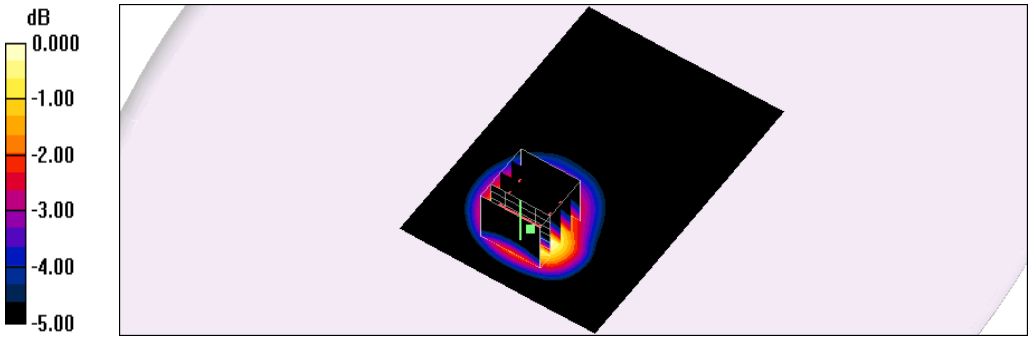
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: CDMA Secondary 800MHz; Frequency: 820 MHz;Duty Cycle: 1:1
Medium parameters used: f = 820 MHz; σ = 0.98 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.34 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 36.6 V/m; Power Drift = 0.052 dB
Peak SAR (extrapolated) = 1.56 W/kg
SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.706 W/kg
Maximum value of SAR (measured) = 1.26 W/kg



0 dB = 1.26W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/21/2015 01:11:50 AM

187_CDMA 800 CH670_RC1-SO55_side 2_10mm

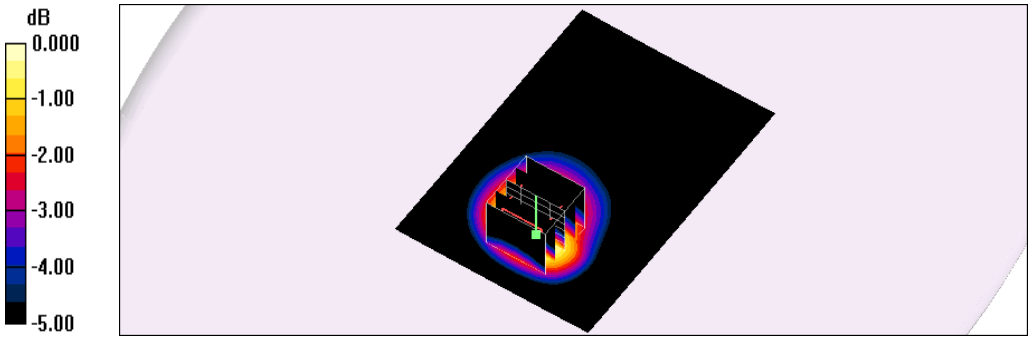
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: CDMA Secondary 800MHz; Frequency: 822.75 MHz;Duty Cycle: 1:1
Medium parameters used: f = 823 MHz; σ = 0.984 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 36.1 V/m; Power Drift = -0.029 dB
Peak SAR (extrapolated) = 1.49 W/kg
SAR(1 g) = 1 W/kg; SAR(10 g) = 0.689 W/kg
Maximum value of SAR (measured) = 1.21 W/kg



0 dB = 1.21W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/21/2015 01:57:01 AM

188_CDMA 800 CH560_RC1-SO55_side 3_10mm

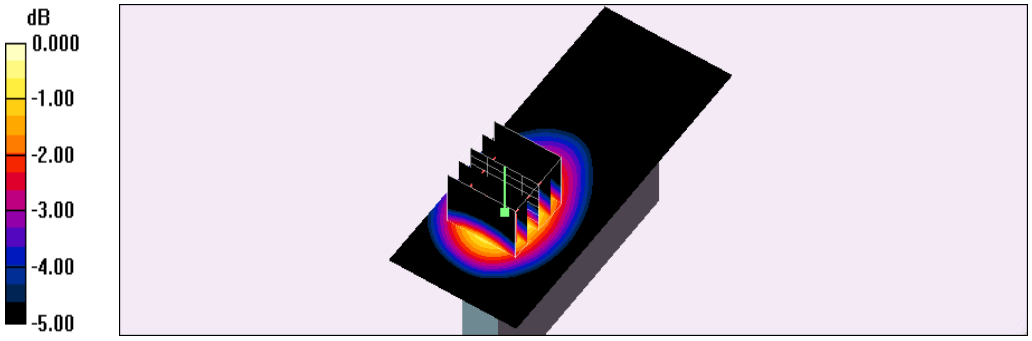
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: CDMA Secondary 800MHz; Frequency: 820 MHz;Duty Cycle: 1:1
Medium parameters used: f = 820 MHz; σ = 0.98 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.490 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.3 V/m; Power Drift = -0.057 dB
Peak SAR (extrapolated) = 0.564 W/kg
SAR(1 g) = 0.405 W/kg; SAR(10 g) = 0.281 W/kg
Maximum value of SAR (measured) = 0.492 W/kg



0 dB = 0.492W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/21/2015 02:11:18 AM

189_CDMA 800 CH560_RC1-SO55_side 4_10mm

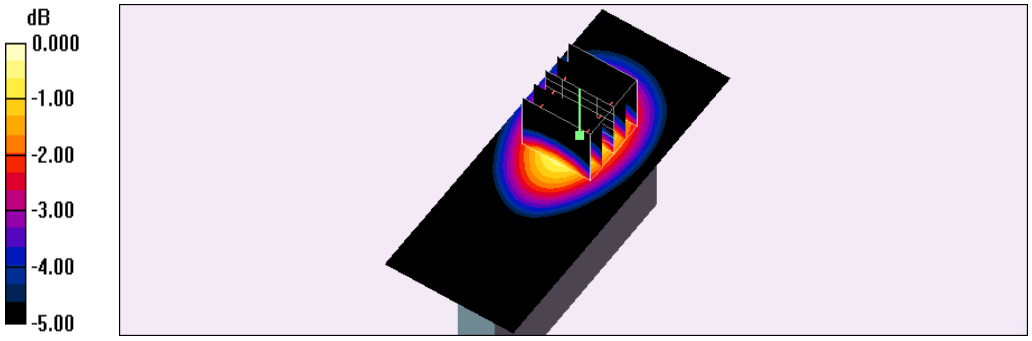
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: CDMA Secondary 800MHz; Frequency: 820 MHz;Duty Cycle: 1:1
Medium parameters used: f = 820 MHz; σ = 0.98 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 18.4 V/m; Power Drift = 0.000 dB
Peak SAR (extrapolated) = 0.379 W/kg
SAR(1 g) = 0.269 W/kg; SAR(10 g) = 0.186 W/kg
Maximum value of SAR (measured) = 0.329 W/kg



0 dB = 0.329W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/21/2015 02:25:28 AM

190_CDMA 800 CH560_RC1-SO55_side 5_10mm

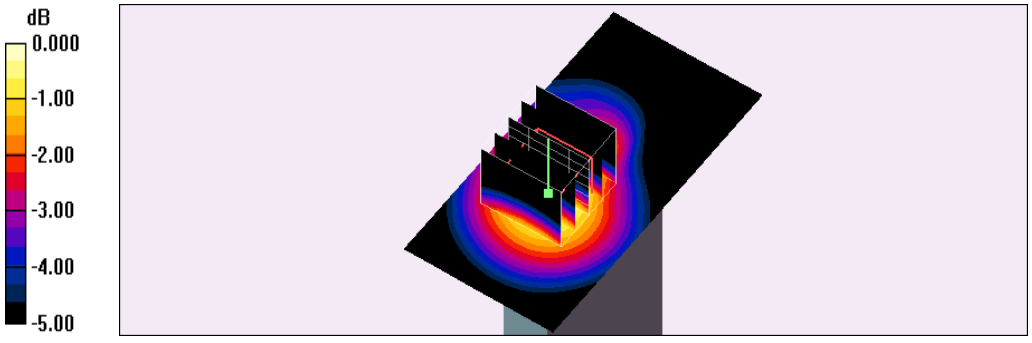
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: CDMA Secondary 800MHz; Frequency: 820 MHz;Duty Cycle: 1:1
Medium parameters used: f = 820 MHz; σ = 0.98 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.237 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.6 V/m; Power Drift = -0.008 dB
Peak SAR (extrapolated) = 0.273 W/kg
SAR(1 g) = 0.190 W/kg; SAR(10 g) = 0.129 W/kg
Maximum value of SAR (measured) = 0.235 W/kg



0 dB = 0.235W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/21/2015 02:48:01 AM

212_1xRTT 800 CH450_RC3-SO32_side 1_10mm

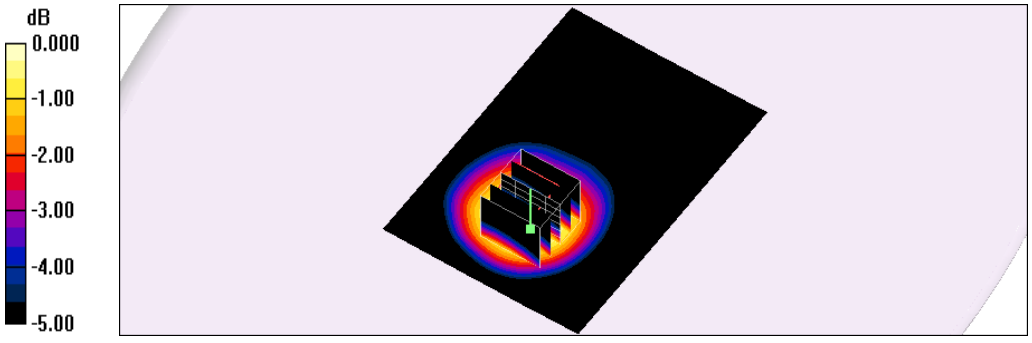
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: 1xRTT Secondary 800MHz; Frequency: 817.25 MHz;Duty Cycle: 1:1
Medium parameters used: f = 817.25 MHz; σ = 0.978 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.937 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.6 V/m; Power Drift = -0.002 dB
Peak SAR (extrapolated) = 1.04 W/kg
SAR(1 g) = 0.772 W/kg; SAR(10 g) = 0.565 W/kg
Maximum value of SAR (measured) = 0.907 W/kg



0 dB = 0.907W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/21/2015 03:14:37 AM

211_1xRTT 800 CH560_RC3-SO32_side 1_10mm

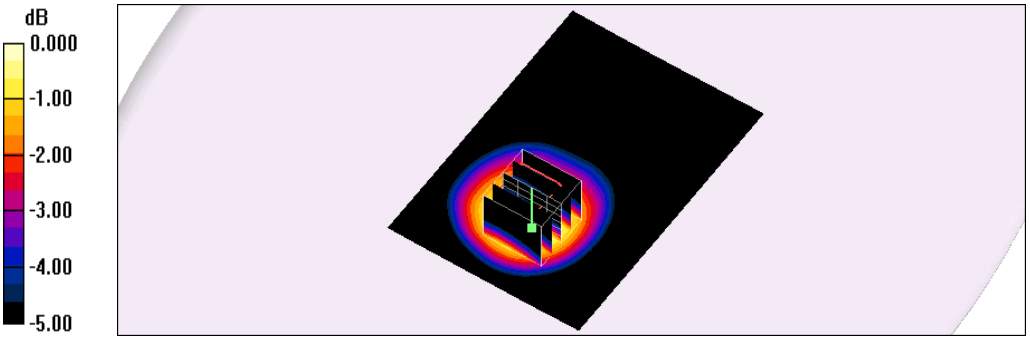
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: 1xRTT Secondary 800MHz; Frequency: 820 MHz;Duty Cycle: 1:1
Medium parameters used: f = 820 MHz; σ = 0.98 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 31.7 V/m; Power Drift = 0.029 dB
Peak SAR (extrapolated) = 1.13 W/kg
SAR(1 g) = 0.839 W/kg; SAR(10 g) = 0.616 W/kg
Maximum value of SAR (measured) = 0.984 W/kg



0 dB = 0.984W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/21/2015 03:34:11 AM

213_1xRTT 800 CH670_RC3-SO32_side 1_10mm

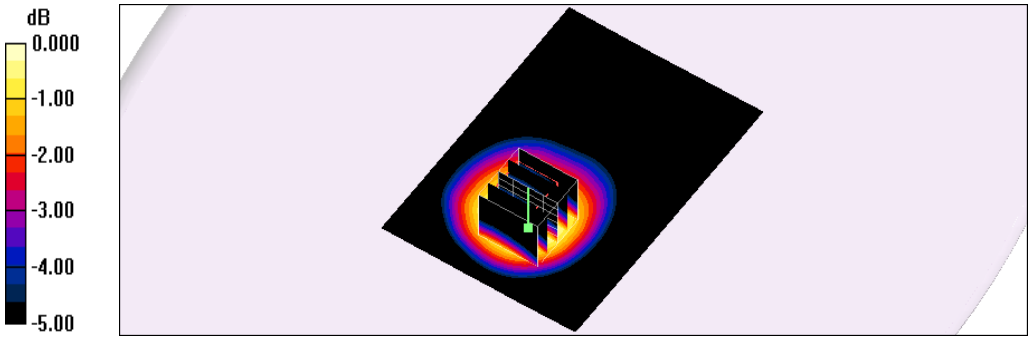
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: 1xRTT Secondary 800MHz; Frequency: 822.75 MHz;Duty Cycle: 1:1
Medium parameters used: f = 823 MHz; σ = 0.984 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.08 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.7 V/m; Power Drift = -0.043 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.875 W/kg; SAR(10 g) = 0.647 W/kg
Maximum value of SAR (measured) = 1.02 W/kg



0 dB = 1.02W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/21/2015 03:51:28 AM

215_1xRTT 800 CH450_RC3-SO32_side 2_10mm

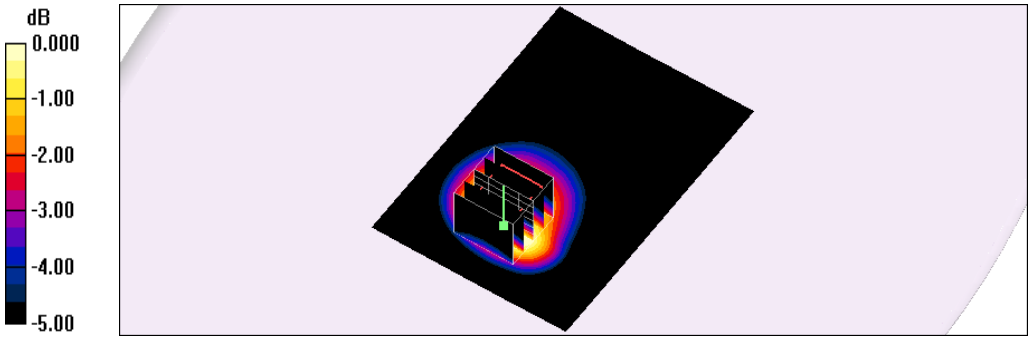
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: 1xRTT Secondary 800MHz; Frequency: 817.25 MHz;Duty Cycle: 1:1
Medium parameters used: f = 817.25 MHz; σ = 0.978 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 33.1 V/m; Power Drift = -0.139 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.789 W/kg; SAR(10 g) = 0.544 W/kg
Maximum value of SAR (measured) = 0.978 W/kg



0 dB = 0.978W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/21/2015 04:20:35 AM

214_1xRTT 800 CH560_RC3-SO32_side 2_10mm

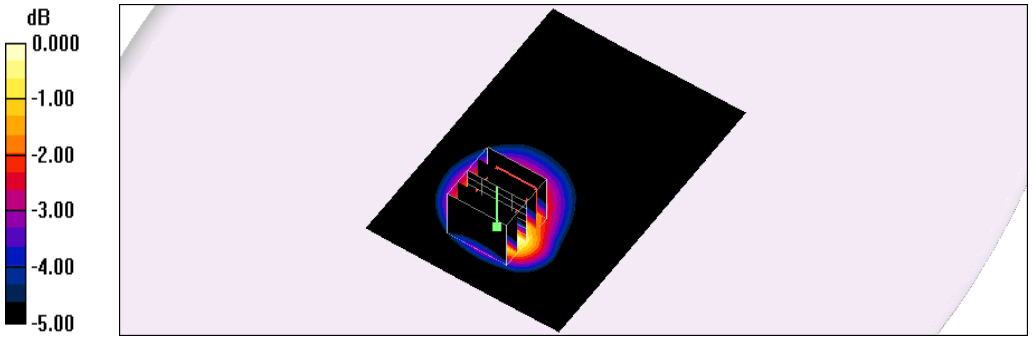
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: 1xRTT Secondary 800MHz; Frequency: 820 MHz;Duty Cycle: 1:1
Medium parameters used: f = 820 MHz; σ = 0.98 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.31 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 35.3 V/m; Power Drift = -0.012 dB
Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 0.992 W/kg; SAR(10 g) = 0.680 W/kg
Maximum value of SAR (measured) = 1.23 W/kg



0 dB = 1.23W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/21/2015 04:48:47 AM

216_1xRTT 800 CH670_RC3-SO32_side 2_10mm

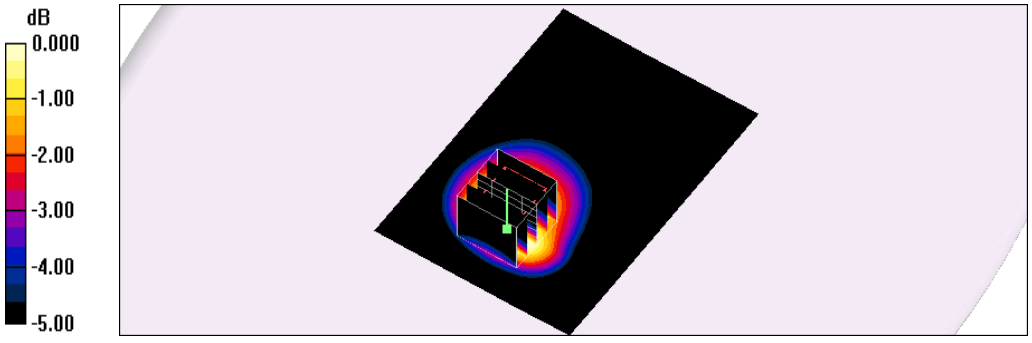
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: 1xRTT Secondary 800MHz; Frequency: 822.75 MHz;Duty Cycle: 1:1
Medium parameters used: f = 823 MHz; σ = 0.984 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.37 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 35.9 V/m; Power Drift = -0.139 dB
Peak SAR (extrapolated) = 1.40 W/kg
SAR(1 g) = 0.964 W/kg; SAR(10 g) = 0.670 W/kg
Maximum value of SAR (measured) = 1.19 W/kg



0 dB = 1.19W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/21/2015 05:06:40 AM

217_1xRTT 800 CH560_RC3-SO32_side 3_10mm

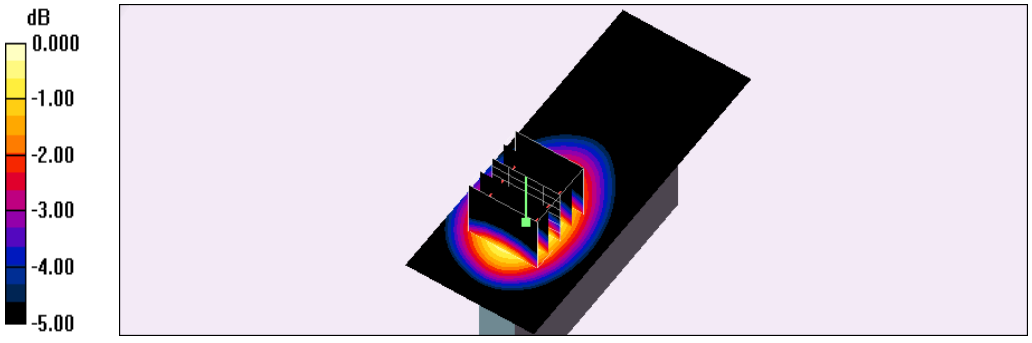
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: 1xRTT Secondary 800MHz; Frequency: 820 MHz;Duty Cycle: 1:1
Medium parameters used: f = 820 MHz; σ = 0.98 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 23.0 V/m; Power Drift = -0.057 dB
Peak SAR (extrapolated) = 0.532 W/kg
SAR(1 g) = 0.384 W/kg; SAR(10 g) = 0.267 W/kg
Maximum value of SAR (measured) = 0.466 W/kg



0 dB = 0.466W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/21/2015 05:28:39 AM

218_1xRTT 800 CH560_RC3-SO32_side 4_10mm

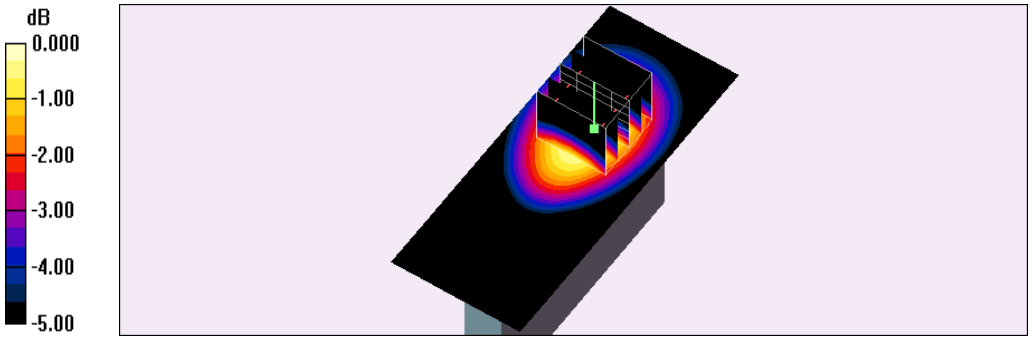
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: 1xRTT Secondary 800MHz; Frequency: 820 MHz;Duty Cycle: 1:1
Medium parameters used: f = 820 MHz; σ = 0.98 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.309 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.8 V/m; Power Drift = -0.016 dB
Peak SAR (extrapolated) = 0.352 W/kg
SAR(1 g) = 0.252 W/kg; SAR(10 g) = 0.175 W/kg
Maximum value of SAR (measured) = 0.306 W/kg



0 dB = 0.306W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/21/2015 05:57:22 AM

219_1xRTT 800 CH560_RC3-SO32_side 5_10mm

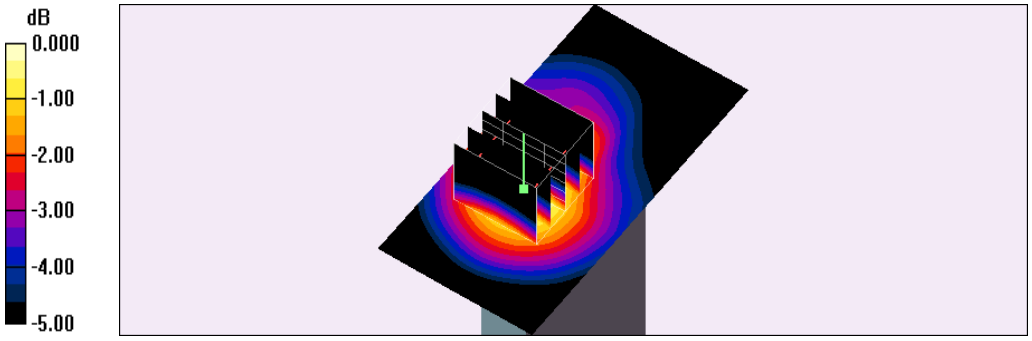
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: 1xRTT Secondary 800MHz; Frequency: 820 MHz;Duty Cycle: 1:1
Medium parameters used: f = 820 MHz; σ = 0.98 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.179 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.2 V/m; Power Drift = -0.059 dB
Peak SAR (extrapolated) = 0.208 W/kg
SAR(1 g) = 0.144 W/kg; SAR(10 g) = 0.098 W/kg
Maximum value of SAR (measured) = 0.178 W/kg



0 dB = 0.178W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/21/2015 06:21:51 AM

221_1xEVDO 800 CH450_Rev.0_side 1_10mm

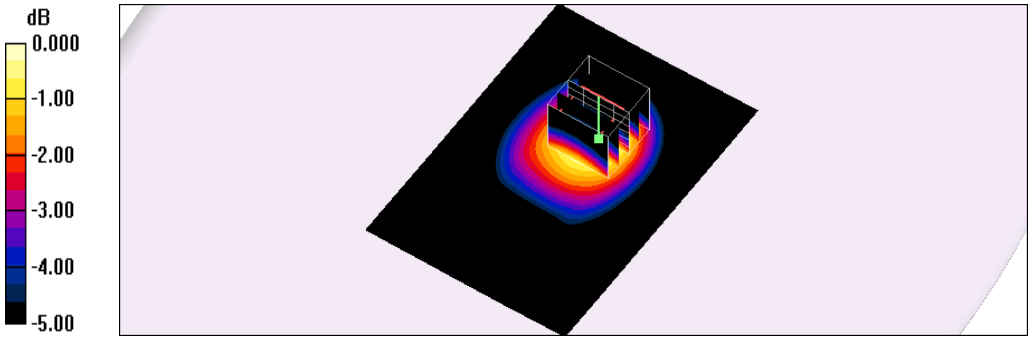
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: 1xEVDO Secondary 800MHz; Frequency: 817.25 MHz;Duty Cycle: 1:1
Medium parameters used: f = 817.25 MHz; σ = 0.978 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.945 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.1 V/m; Power Drift = -0.028 dB
Peak SAR (extrapolated) = 1.04 W/kg
SAR(1 g) = 0.771 W/kg; SAR(10 g) = 0.553 W/kg
Maximum value of SAR (measured) = 0.919 W/kg



0 dB = 0.919W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/21/2015 06:44:24 AM

220_1xEVDO 800 CH560_Rev.0_side 1_10mm

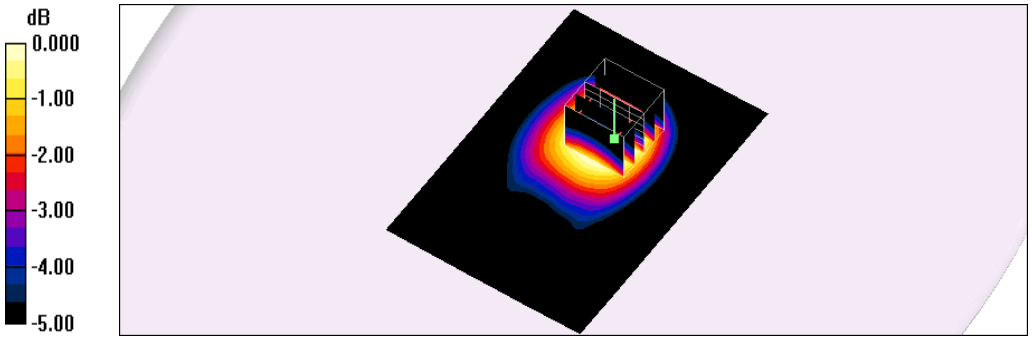
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: 1xEVDO Secondary 800MHz; Frequency: 820 MHz;Duty Cycle: 1:1
Medium parameters used: f = 820 MHz; σ = 0.98 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 34.0 V/m; Power Drift = -0.104 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.811 W/kg; SAR(10 g) = 0.577 W/kg
Maximum value of SAR (measured) = 0.977 W/kg



0 dB = 0.977W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/21/2015 07:09:58 AM

222_1xEVDO 800 CH670_Rev.0_side 1_10mm

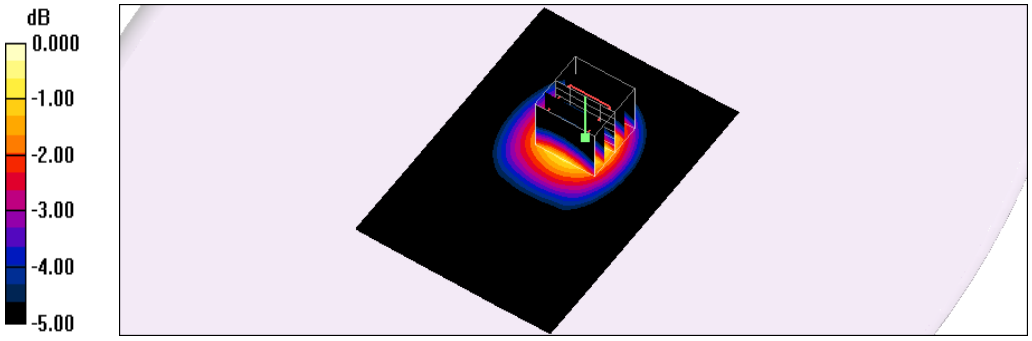
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: 1xEVDO Secondary 800MHz; Frequency: 822.75 MHz;Duty Cycle: 1:1
Medium parameters used: f = 823 MHz; σ = 0.984 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.999 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.6 V/m; Power Drift = 0.034 dB
Peak SAR (extrapolated) = 1.14 W/kg
SAR(1 g) = 0.834 W/kg; SAR(10 g) = 0.591 W/kg
Maximum value of SAR (measured) = 1.00 W/kg



0 dB = 1.00W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/21/2015 07:28:18 AM

224_1xEVDO 800 CH450_Rev.0_side 2_10mm

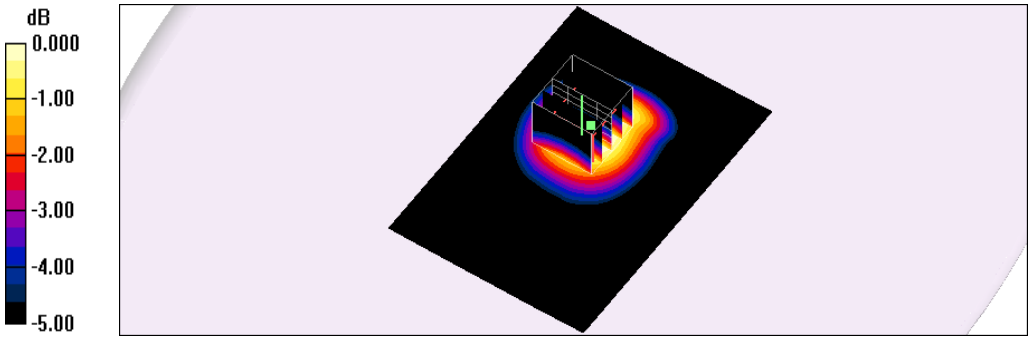
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: 1xEVDO Secondary 800MHz; Frequency: 817.25 MHz;Duty Cycle: 1:1
Medium parameters used: f = 817.25 MHz; σ = 0.978 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.11 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.4 V/m; Power Drift = -0.105 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.779 W/kg; SAR(10 g) = 0.551 W/kg
Maximum value of SAR (measured) = 0.933 W/kg



0 dB = 0.933W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/21/2015 07:56:51 AM

223_1xEVDO 800 CH560_Rev.0_side 2_10mm

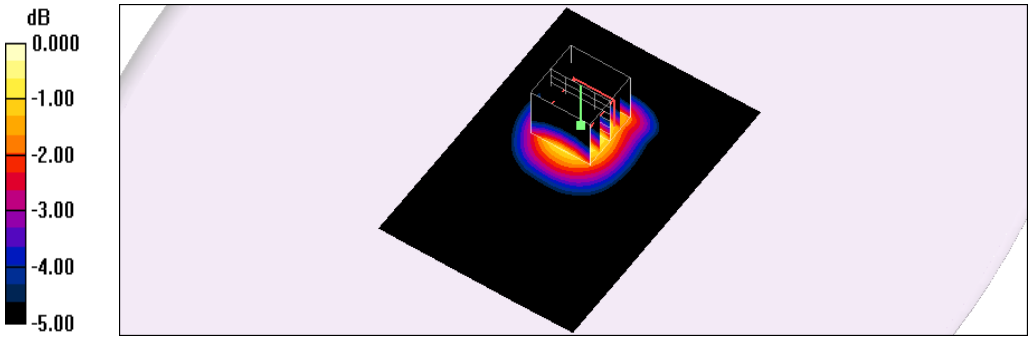
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: 1xEVDO Secondary 800MHz; Frequency: 820 MHz;Duty Cycle: 1:1
Medium parameters used: f = 820 MHz; σ = 0.98 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.15 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.7 V/m; Power Drift = -0.008 dB
Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 0.937 W/kg; SAR(10 g) = 0.651 W/kg
Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.14W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/11/2015 08:21:36 AM

225_1xEVDO 800 CH670_Rev.0_side 2_10mm

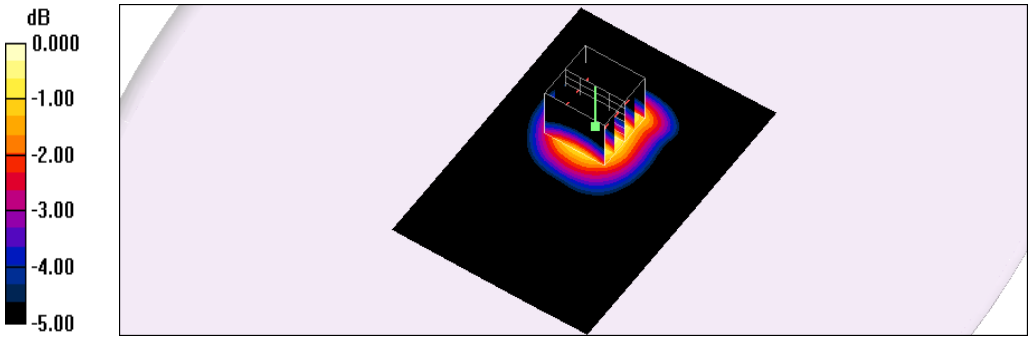
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: 1xEVDO Secondary 800MHz; Frequency: 822.75 MHz;Duty Cycle: 1:1
Medium parameters used: f = 823 MHz; σ = 0.984 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.24 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 35.6 V/m; Power Drift = -0.137 dB
Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 0.939 W/kg; SAR(10 g) = 0.655 W/kg
Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.14W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/21/2015 08:47:01 AM

226_1xEVDO 800 CH560_Rev.0_side 3_10mm

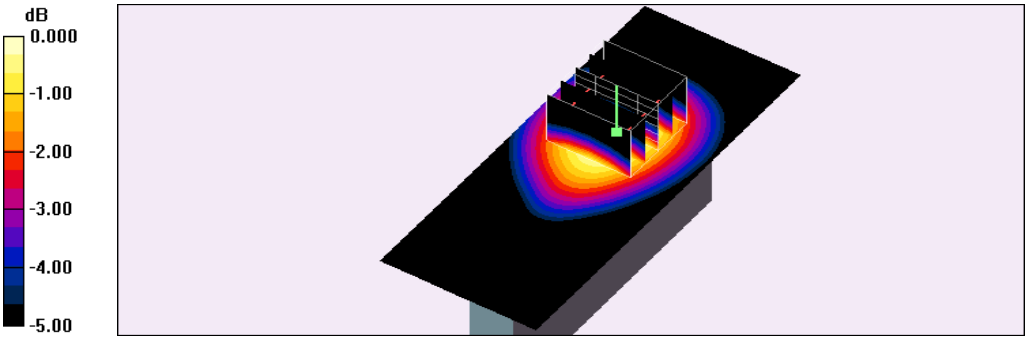
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: 1xEVDO Secondary 800MHz; Frequency: 820 MHz;Duty Cycle: 1:1
Medium parameters used: f = 820 MHz; σ = 0.98 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.532 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.3 V/m; Power Drift = -0.102 dB
Peak SAR (extrapolated) = 0.580 W/kg
SAR(1 g) = 0.427 W/kg; SAR(10 g) = 0.304 W/kg
Maximum value of SAR (measured) = 0.513 W/kg



0 dB = 0.513W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/21/2015 09:20:36 AM

227_1xEVDO 800 CH560_Rev.0_side 4_10mm

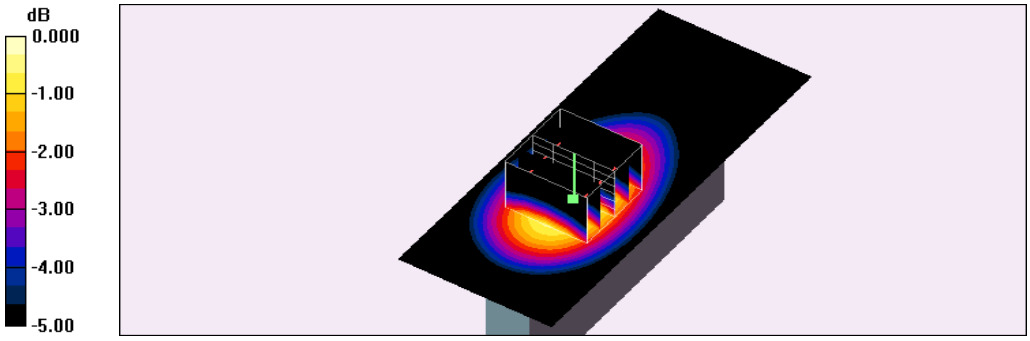
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: 1xEVDO Secondary 800MHz; Frequency: 820 MHz;Duty Cycle: 1:1
Medium parameters used: f = 820 MHz; σ = 0.98 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.470 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.4 V/m; Power Drift = 0.045 dB
Peak SAR (extrapolated) = 0.541 W/kg
SAR(1 g) = 0.389 W/kg; SAR(10 g) = 0.272 W/kg
Maximum value of SAR (measured) = 0.473 W/kg



0 dB = 0.473W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/21/2015 09:45:18 AM

228_1xEVDO 800 CH560_Rev.0_side 5_10mm

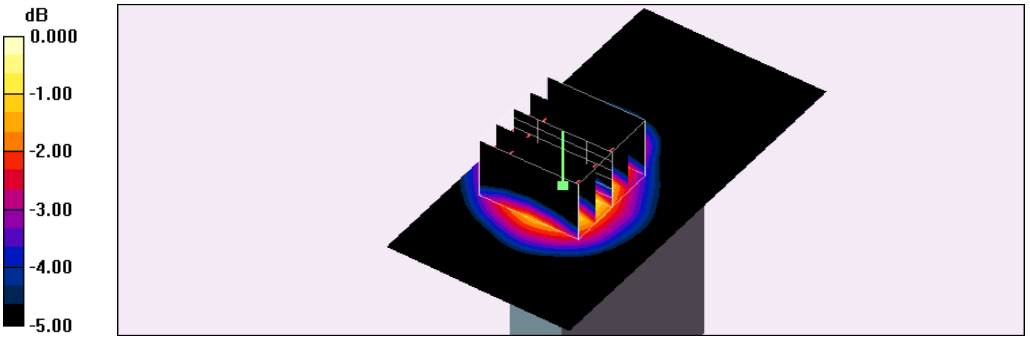
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: 1xEVDO Secondary 800MHz; Frequency: 820 MHz;Duty Cycle: 1:1
Medium parameters used: f = 820 MHz; σ = 0.98 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.088 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.30 V/m; Power Drift = -0.063 dB
Peak SAR (extrapolated) = 0.102 W/kg
SAR(1 g) = 0.069 W/kg; SAR(10 g) = 0.045 W/kg
Maximum value of SAR (measured) = 0.087 W/kg



0 dB = 0.087W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/21/2015 10:01:18 AM

230_1xEVDO 800 CH450_Rev.A_side 2_10mm

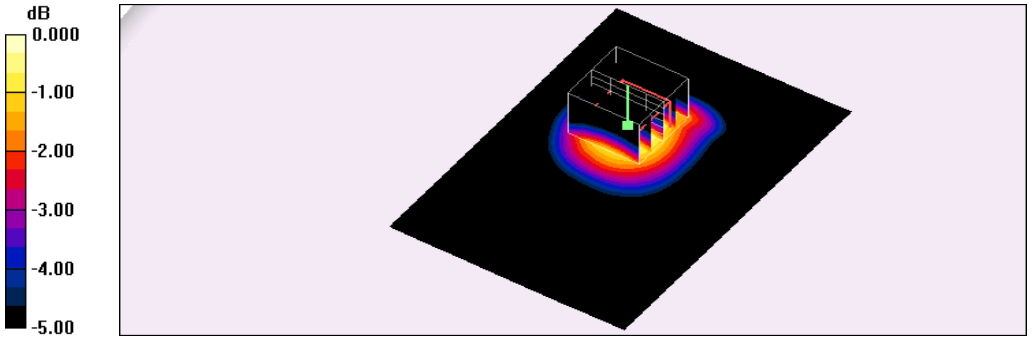
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: 1xEVDO Secondary 800MHz; Frequency: 817.25 MHz;Duty Cycle: 1:1
Medium parameters used: f = 817.25 MHz; σ = 0.978 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 32.7 V/m; Power Drift = -0.010 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.859 W/kg; SAR(10 g) = 0.595 W/kg
Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 1.05W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/21/2015 10:27:59 AM

229_1xEVDO 800 CH560_Rev.A_side 2_10mm

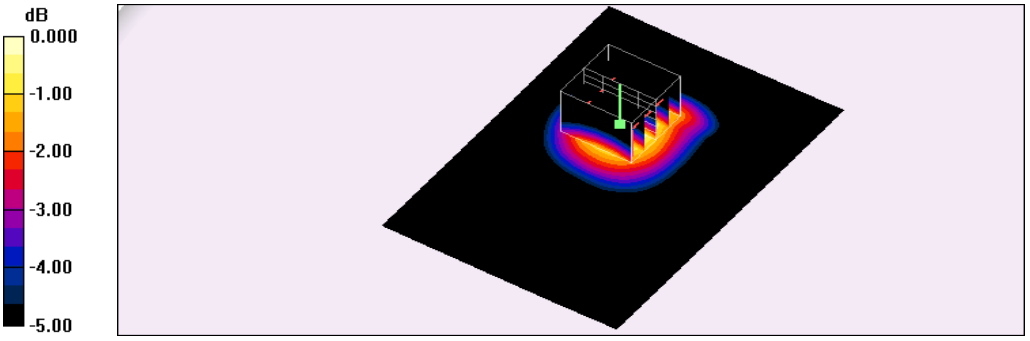
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: 1xEVDO Secondary 800MHz; Frequency: 820 MHz;Duty Cycle: 1:1
Medium parameters used: f = 820 MHz; σ = 0.98 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.19 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.8 V/m; Power Drift = -0.003 dB
Peak SAR (extrapolated) = 1.36 W/kg
SAR(1 g) = 0.960 W/kg; SAR(10 g) = 0.661 W/kg
Maximum value of SAR (measured) = 1.18 W/kg



0 dB = 1.18W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/21/2015 10:45:37 AM

231_1xEVDO 800 CH670_Rev.A_side 2_10mm

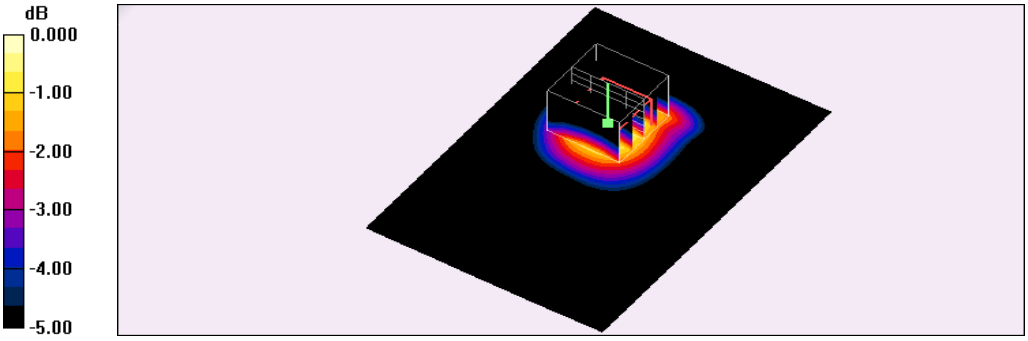
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: 1xEVDO Secondary 800MHz; Frequency: 822.75 MHz;Duty Cycle: 1:1
Medium parameters used: f = 823 MHz; σ = 0.984 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.25 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 35.0 V/m; Power Drift = 0.042 dB
Peak SAR (extrapolated) = 1.46 W/kg
SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.701 W/kg
Maximum value of SAR (measured) = 1.26 W/kg



0 dB = 1.26W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/24/2015 04:44:31 PM

161_CDMA 850 CH1013_RC1-SO55_side 1_10mm

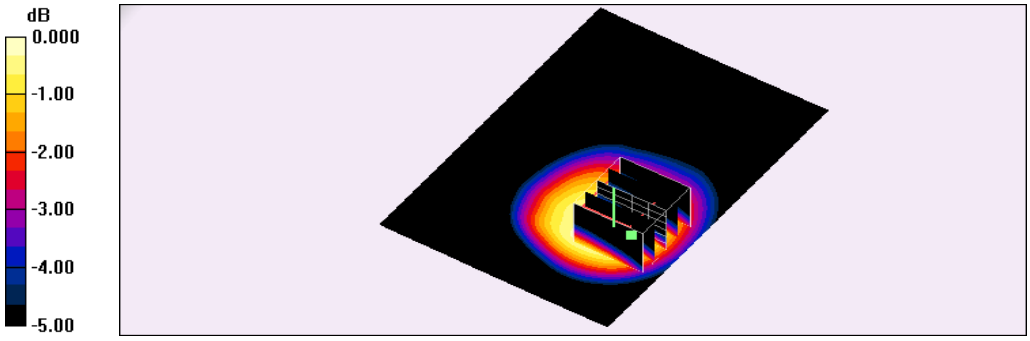
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: CDMA Cellular ; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium parameters used: f = 825 MHz; σ = 0.986 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.984 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.7 V/m; Power Drift = 0.022 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.821 W/kg; SAR(10 g) = 0.591 W/kg
Maximum value of SAR (measured) = 0.966 W/kg



0 dB = 0.966W/kg

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Date/Time: 9/24/2015 04:27:45 PM

160_CDMA 850 CH384_RC1-SO55_side 1_10mm

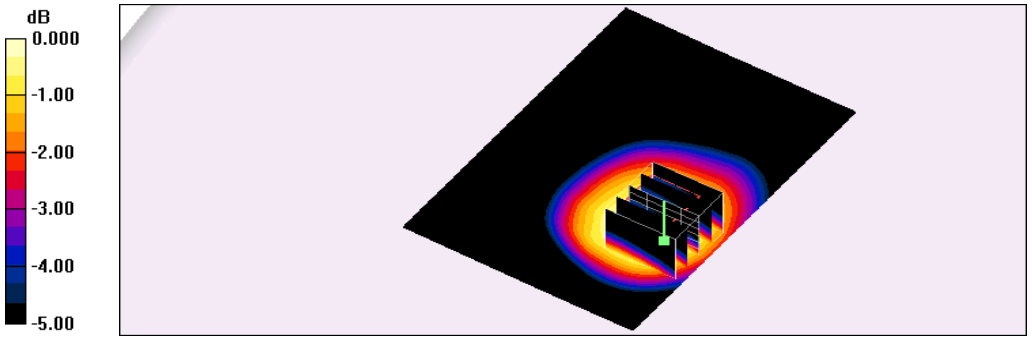
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: CDMA Cellular ; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used: f = 837 MHz; σ = 1 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 33.4 V/m; Power Drift = 0.026 dB
Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 0.968 W/kg; SAR(10 g) = 0.720 W/kg
Maximum value of SAR (measured) = 1.13 W/kg



0 dB = 1.13W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/24/2015 05:02:17 PM

162_CDMA 850 CH777_RC1-SO55_side 1_10mm

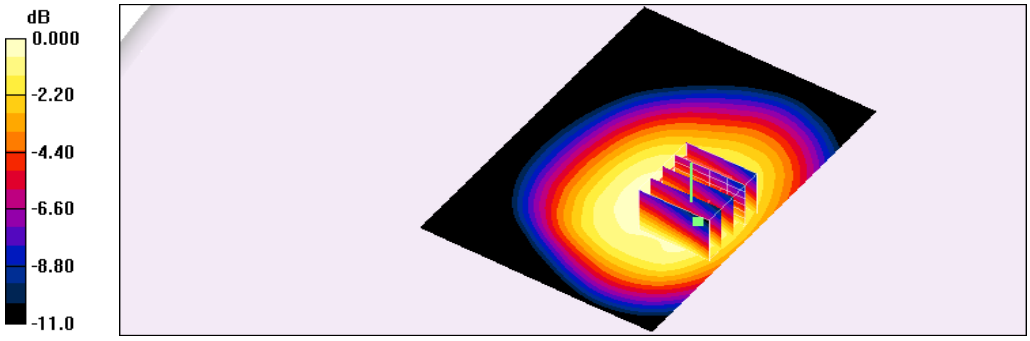
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: CDMA Cellular ; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium parameters used: f = 848.31 MHz; σ = 1.02 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 35.3 V/m; Power Drift = -0.010 dB
Peak SAR (extrapolated) = 1.39 W/kg
SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.781 W/kg
Maximum value of SAR (measured) = 1.22 W/kg



0 dB = 1.22W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/24/2015 05:59:37 PM

164_CDMA 850 CH1013_RC1-SO55_side 2_10mm

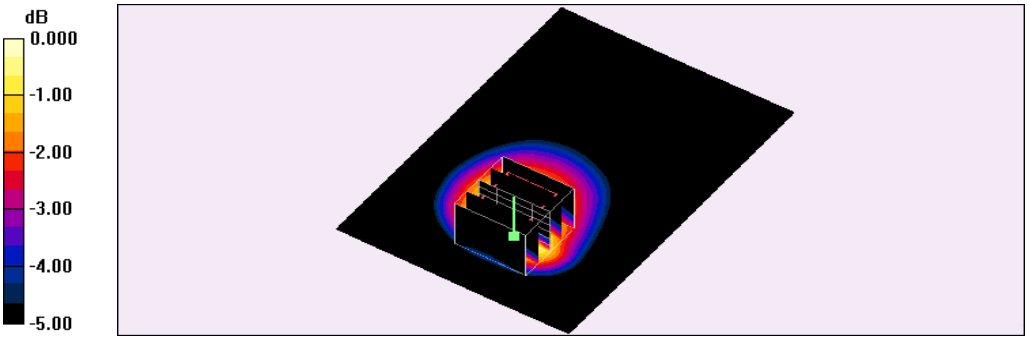
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: CDMA Cellular ; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium parameters used: f = 825 MHz; σ = 0.986 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.25 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 34.0 V/m; Power Drift = 0.004 dB
Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 0.942 W/kg; SAR(10 g) = 0.650 W/kg
Maximum value of SAR (measured) = 1.18 W/kg



0 dB = 1.18W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/24/2015 05:23:05 PM

163_CDMA 850 CH384_RC1-SO55_side 2_10mm

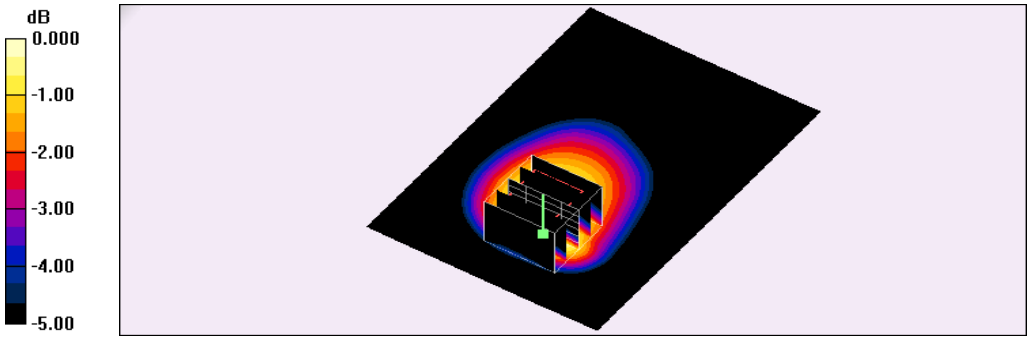
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: CDMA Cellular ; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used: f = 837 MHz; σ = 1 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 35.9 V/m; Power Drift = 0.004 dB
Peak SAR (extrapolated) = 1.63 W/kg
SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.772 W/kg
Maximum value of SAR (measured) = 1.38 W/kg



0 dB = 1.38W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/24/2015 06:23:49 PM

165_CDMA 850 CH777_RC1-SO55_side 2_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

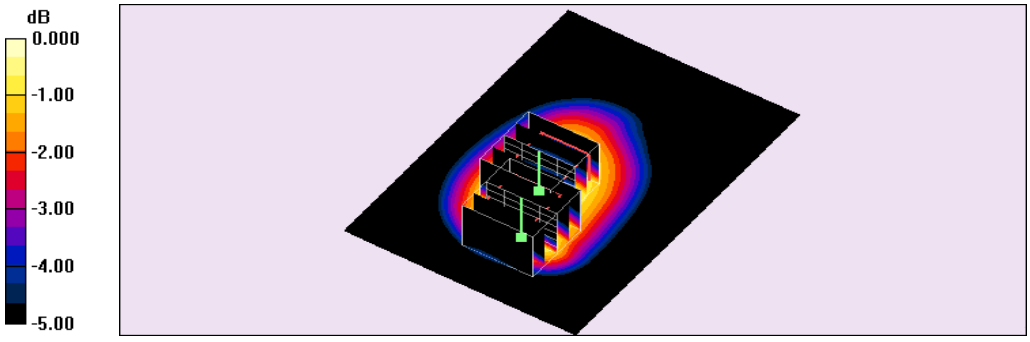
Communication System: CDMA Cellular ; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium parameters used: f = 848.31 MHz; σ = 1.02 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.39 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 37.7 V/m; Power Drift = 0.020 dB
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 0.97 W/kg; SAR(10 g) = 0.656 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 = 37.7 V/m; Power Drift = 0.020 dB
Peak SAR (extrapolated) = 1.54 W/kg
SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.774 W/kg
Maximum value of SAR (measured) = 1.28 W/kg



0 dB = 1.28W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/24/2015 07:11:20 PM

166_CDMA 850 CH384_RC1-SO55_side 3_10mm

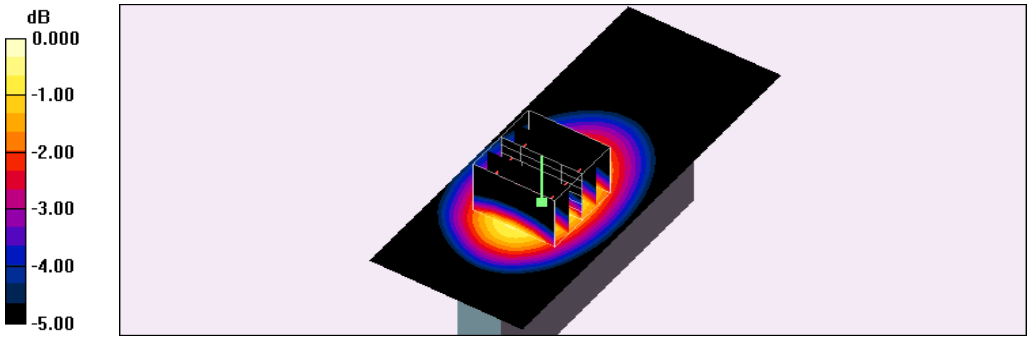
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: CDMA Cellular ; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used: f = 837 MHz; σ = 1 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.645 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.0 V/m; Power Drift = 0.011 dB
Peak SAR (extrapolated) = 0.742 W/kg
SAR(1 g) = 0.537 W/kg; SAR(10 g) = 0.377 W/kg
Maximum value of SAR (measured) = 0.650 W/kg



0 dB = 0.650W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/24/2015 07:27:36 PM

169_CDMA 850 CH384_RC1-SO55_side 4_10mm

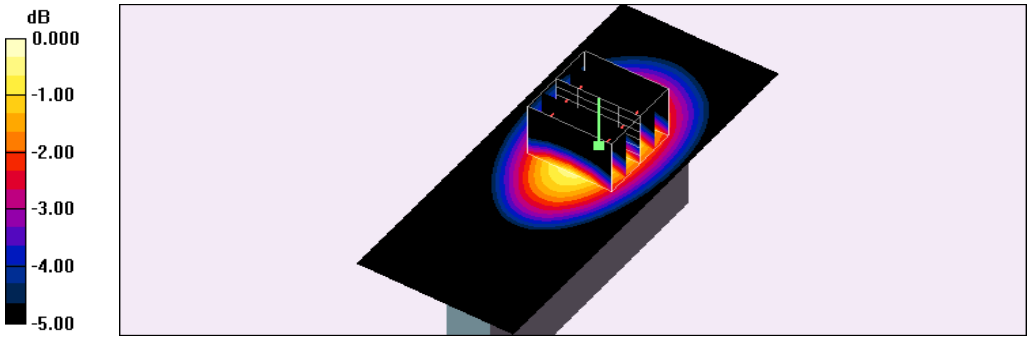
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: CDMA Cellular ; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used: f = 837 MHz; σ = 1 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.486 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.5 V/m; Power Drift = -0.019 dB
Peak SAR (extrapolated) = 0.562 W/kg
SAR(1 g) = 0.397 W/kg; SAR(10 g) = 0.273 W/kg
Maximum value of SAR (measured) = 0.488 W/kg



0 dB = 0.488W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/24/2015 07:43:42 PM

170_CDMA 850 CH384_RC1-SO55_side 5_10mm

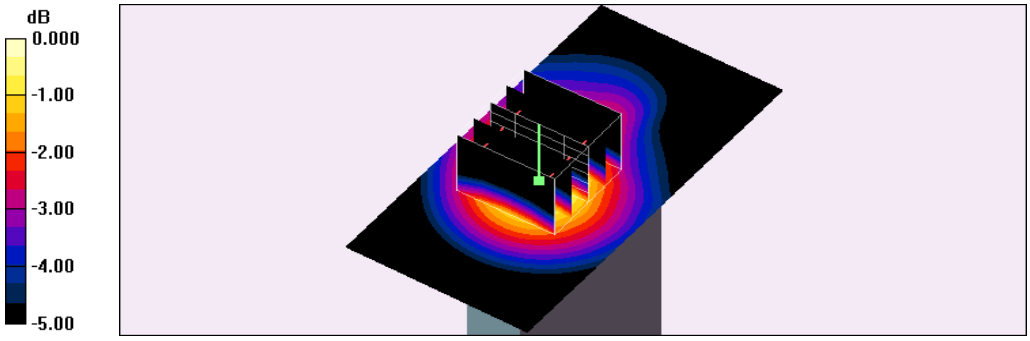
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: CDMA Cellular ; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used: f = 837 MHz; σ = 1 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.186 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.2 V/m; Power Drift = -0.018 dB
Peak SAR (extrapolated) = 0.211 W/kg
SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.097 W/kg
Maximum value of SAR (measured) = 0.180 W/kg



0 dB = 0.180W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/24/2015 08:38:42 PM

172_1xRTT 850 CH1013_RC3-SO32_side 1_10mm

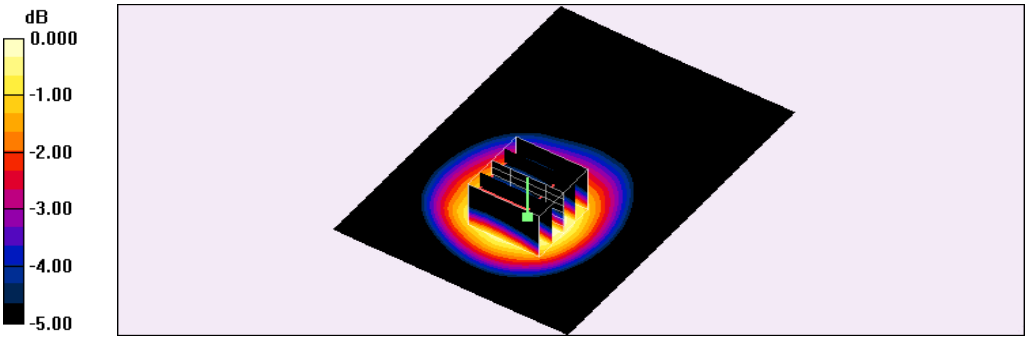
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: 1xRTT Cellular ; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium parameters used: f = 825 MHz; σ = 0.986 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.928 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.7 V/m; Power Drift = 0.005 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.750 W/kg; SAR(10 g) = 0.554 W/kg
Maximum value of SAR (measured) = 0.881 W/kg



0 dB = 0.881W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/24/2015 08:22:33 PM

171_1xRTT 850 CH384_RC3-SO32_side 1_10mm

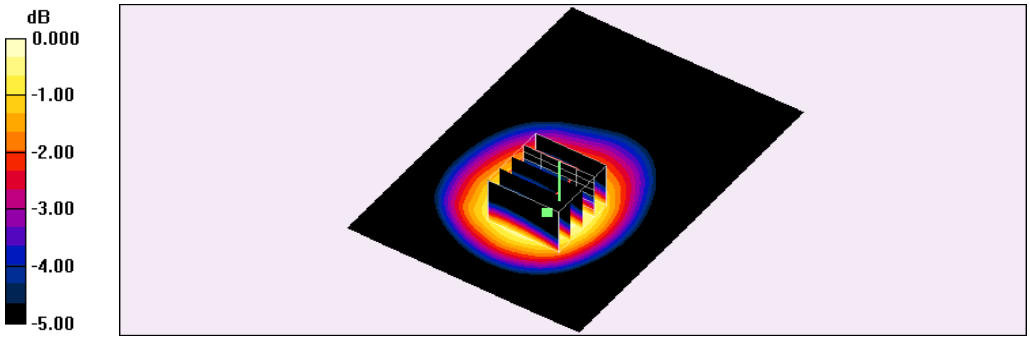
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: 1xRTT Cellular ; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used: f = 837 MHz; σ = 1 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.05 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.7 V/m; Power Drift = 0.009 dB
Peak SAR (extrapolated) = 1.20 W/kg
SAR(1 g) = 0.896 W/kg; SAR(10 g) = 0.672 W/kg
Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 1.05W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/24/2015 09:09:28 PM

173_1xRTT 850 CH777_RC3-SO32_side 1_10mm

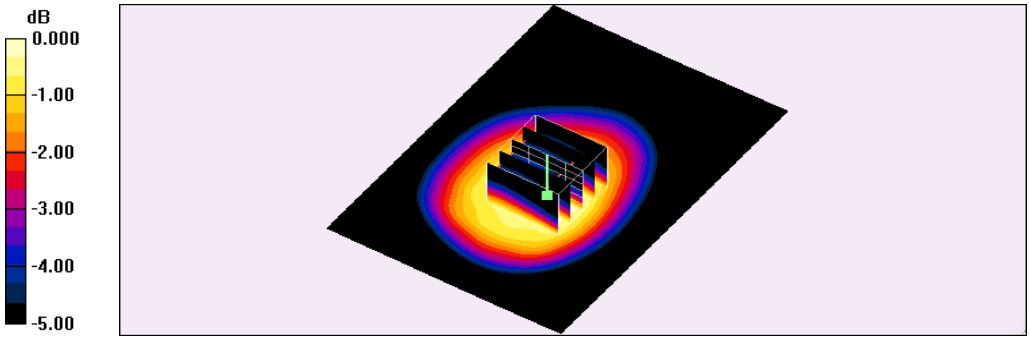
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: 1xRTT Cellular ; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium parameters used: f = 848.31 MHz; σ = 1.02 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 34.6 V/m; Power Drift = 0.000 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.998 W/kg; SAR(10 g) = 0.753 W/kg
Maximum value of SAR (measured) = 1.16 W/kg



0 dB = 1.16W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/24/2015 09:44:00 PM

175_1xRTT 850 CH1013_RC3-SO32_side 2_10mm

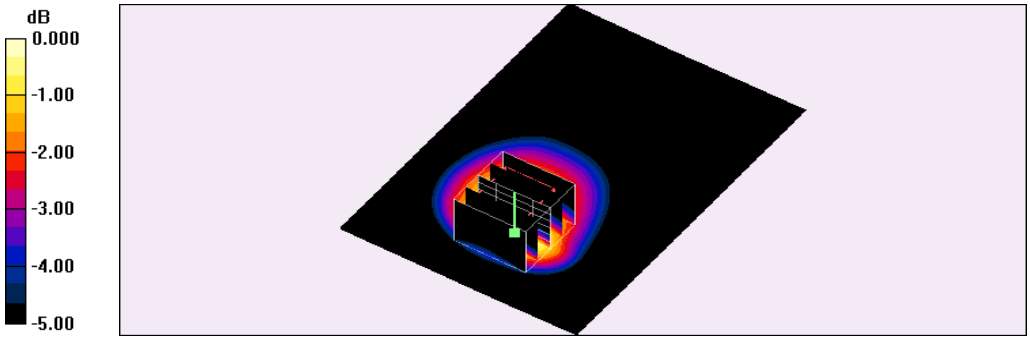
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: 1xRTT Cellular ; Frequency: 824.7 MHz;Duty Cycle: 1:1
Medium parameters used: f = 825 MHz; σ = 0.986 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 32.6 V/m; Power Drift = -0.019 dB
Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 0.886 W/kg; SAR(10 g) = 0.614 W/kg
Maximum value of SAR (measured) = 1.11 W/kg



0 dB = 1.11W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/24/2015 09:27:47 PM

174_1xRTT 850 CH384_RC3-SO32_side 2_10mm

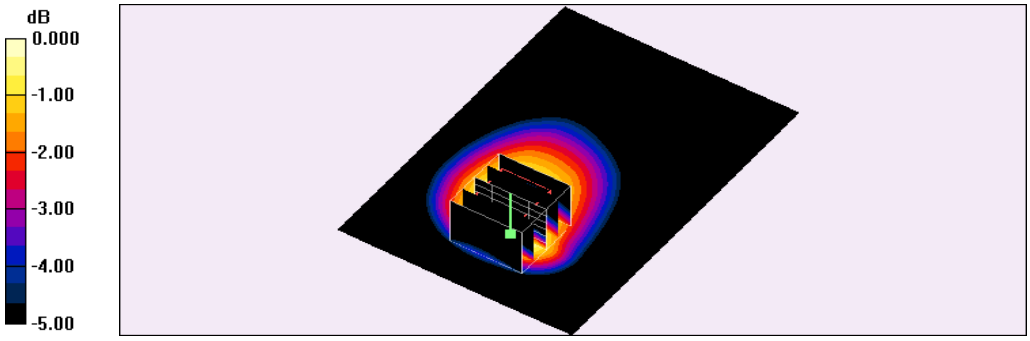
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: 1xRTT Cellular ; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used: f = 837 MHz; σ = 1 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.37 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 35.7 V/m; Power Drift = -0.017 dB
Peak SAR (extrapolated) = 1.54 W/kg
SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.746 W/kg
Maximum value of SAR (measured) = 1.31 W/kg



0 dB = 1.31W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/24/2015 10:06:22 PM

176_1xRTT 850 CH777_RC3-SO32_side 2_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

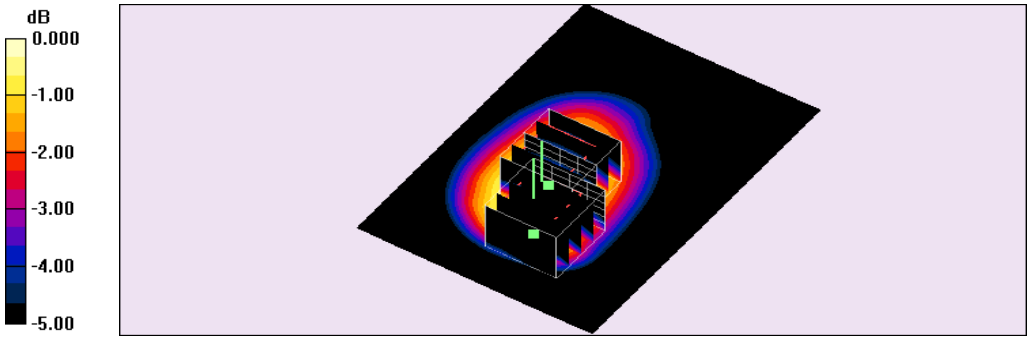
Communication System: 1xRTT Cellular ; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium parameters used: f = 848.31 MHz; σ = 1.02 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 36.8 V/m; Power Drift = 0.003 dB
Peak SAR (extrapolated) = 1.46 W/kg
SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.720 W/kg
Maximum value of SAR (measured) = 1.27 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 36.8 V/m; Power Drift = 0.003 dB
Peak SAR (extrapolated) = 1.48 W/kg
SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.839 W/kg
Maximum value of SAR (measured) = 1.33 W/kg



0 dB = 1.33W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/24/2015 10:31:32 PM

177_1xRTT 850 CH384_RC3-SO32_side 3_10mm

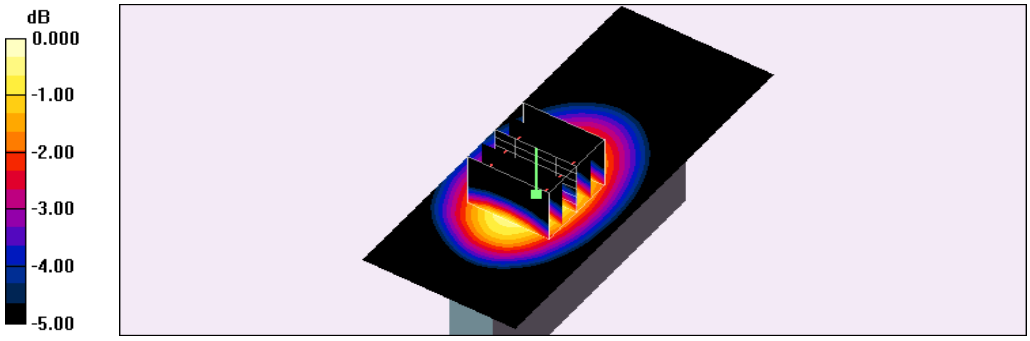
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: 1xRTT Cellular ; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used: f = 837 MHz; σ = 1 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 25.7 V/m; Power Drift = -0.024 dB
Peak SAR (extrapolated) = 0.732 W/kg
SAR(1 g) = 0.531 W/kg; SAR(10 g) = 0.372 W/kg
Maximum value of SAR (measured) = 0.641 W/kg



0 dB = 0.641W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/24/2015 10:56:10 PM

180_1xRTT 850 CH384_RC3-SO32_side 4_10mm

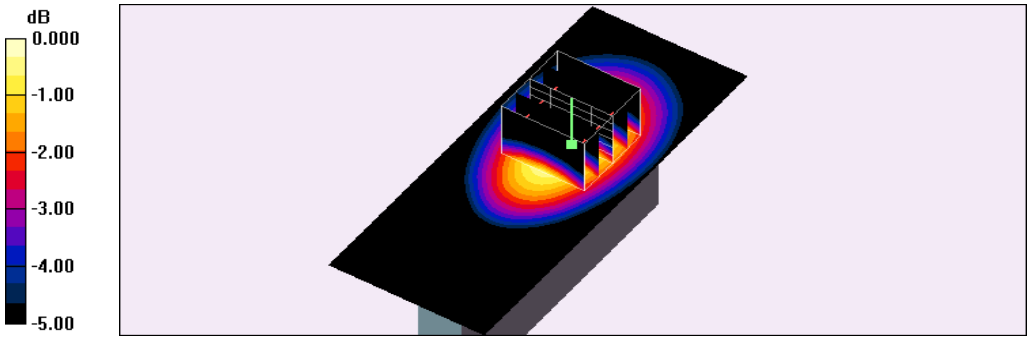
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: 1xRTT Cellular ; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used: f = 837 MHz; σ = 1 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.462 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.9 V/m; Power Drift = -0.008 dB
Peak SAR (extrapolated) = 0.528 W/kg
SAR(1 g) = 0.375 W/kg; SAR(10 g) = 0.260 W/kg
Maximum value of SAR (measured) = 0.460 W/kg



0 dB = 0.460W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/24/2015 11:22:58 PM

181_1xRTT 850 CH384_RC3-SO32_side 5_10mm

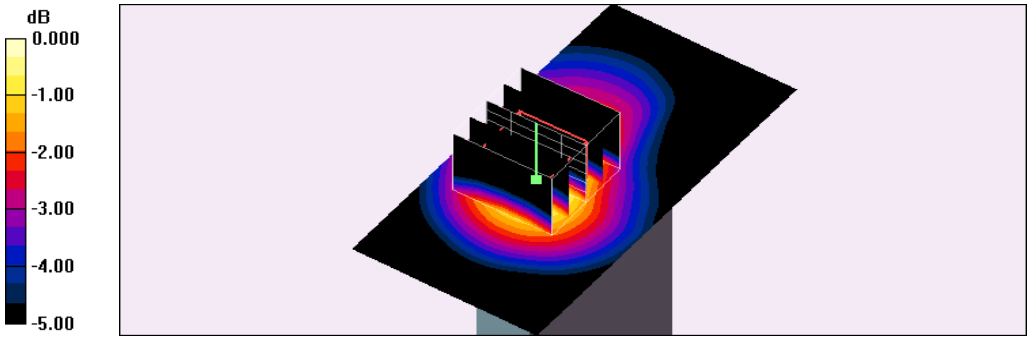
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: 1xRTT Cellular ; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used: f = 837 MHz; σ = 1 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.180 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.2 V/m; Power Drift = 0.024 dB
Peak SAR (extrapolated) = 0.212 W/kg
SAR(1 g) = 0.144 W/kg; SAR(10 g) = 0.096 W/kg
Maximum value of SAR (measured) = 0.181 W/kg



0 dB = 0.181W/kg

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Test Laboratory: A Test Lab Techno Corp.

Date/Time: 9/11/2015 05:25:54 PM

234_1xEVDO 850 CH384_Rev.0_side 1_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: 1xEVDO Cellular ; Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium parameters used: f = 837 MHz; σ = 1 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.506 W/kg

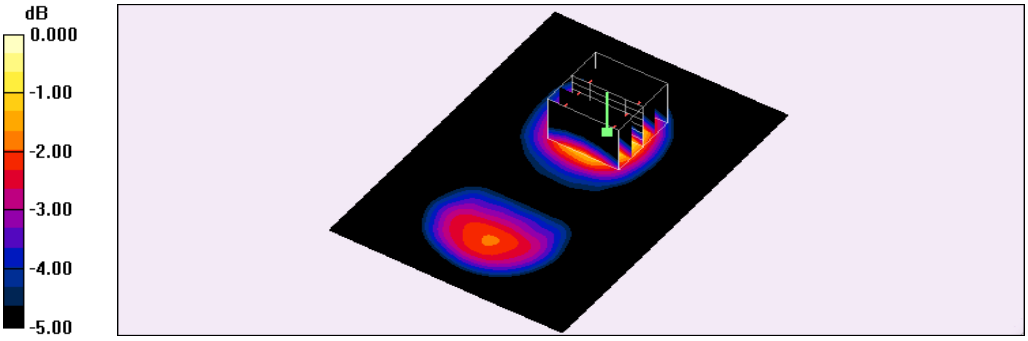
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.7 V/m; Power Drift = -0.106 dB

Peak SAR (extrapolated) = 0.558 W/kg

SAR(1 g) = 0.390 W/kg; SAR(10 g) = 0.265 W/kg

Maximum value of SAR (measured) = 0.482 W/kg



0 dB = 0.482W/kg

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Test Laboratory: A Test Lab Techno Corp.

Date/Time: 9/11/2015 03:11:10 PM

232_1xEVDO 850 CH384_Rev.0_side 2_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: 1xEVDO Cellular ; Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium parameters used: f = 837 MHz; σ = 1 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.501 W/kg

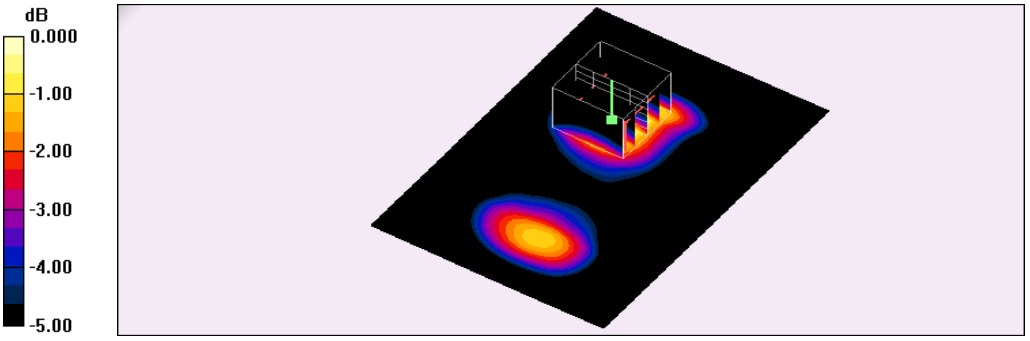
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.2 V/m; Power Drift = -0.014 dB

Peak SAR (extrapolated) = 0.575 W/kg

SAR(1 g) = 0.394 W/kg; SAR(10 g) = 0.263 W/kg

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



0 dB = 0.492W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/11/2015 05:45:13 PM

235_1xEVDO 850 CH384_Rev.0_side 3_10mm

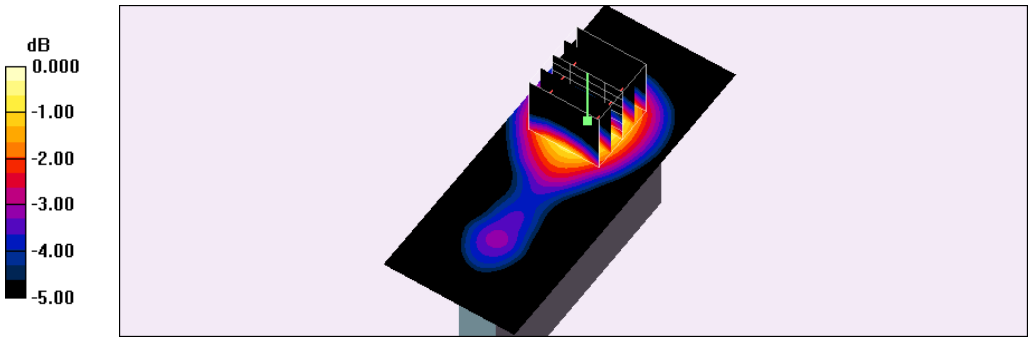
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: 1xEVDO Cellular ; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used: f = 837 MHz; σ = 1 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.175 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.2 V/m; Power Drift = -0.043 dB
Peak SAR (extrapolated) = 0.193 W/kg
SAR(1 g) = 0.143 W/kg; SAR(10 g) = 0.101 W/kg
Maximum value of SAR (measured) = 0.172 W/kg



0 dB = 0.172W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/11/2015 06:03:57 PM

236_1xEVDO 850 CH384_Rev.0_side 4_10mm

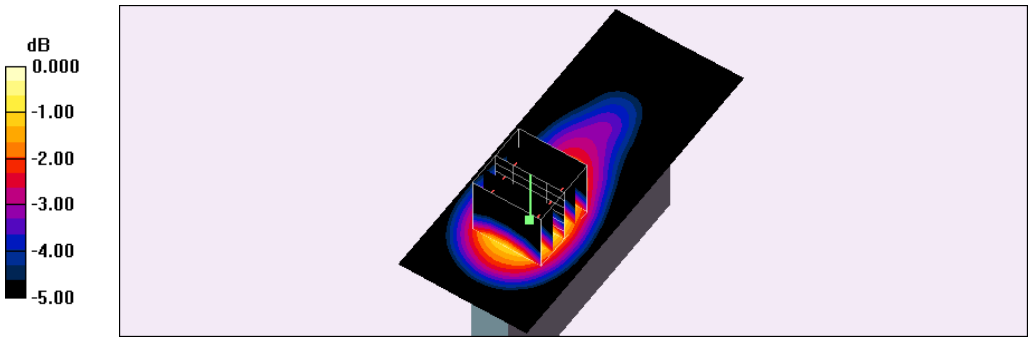
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: 1xEVDO Cellular ; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used: f = 837 MHz; σ = 1 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.126 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.5 V/m; Power Drift = -0.030 dB
Peak SAR (extrapolated) = 0.144 W/kg
SAR(1 g) = 0.103 W/kg; SAR(10 g) = 0.072 W/kg
Maximum value of SAR (measured) = 0.125 W/kg



0 dB = 0.125W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/11/2015 06:23:27 PM

237_1xEVDO 850 CH384_Rev.0_side 5_10mm

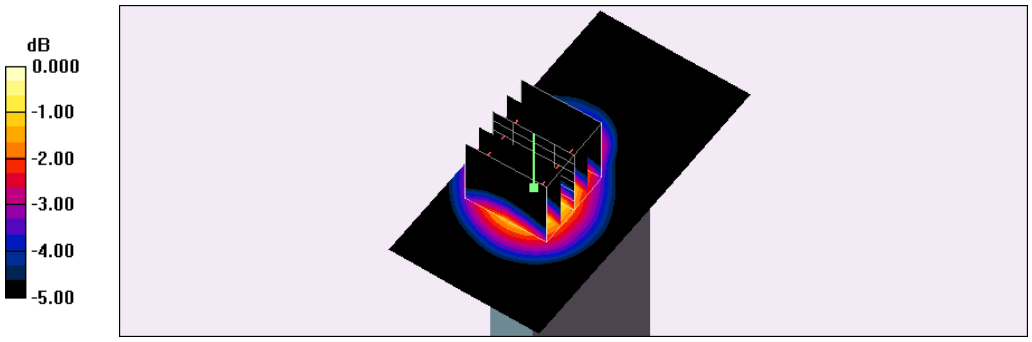
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: 1xEVDO Cellular ; Frequency: 836.52 MHz;Duty Cycle: 1:1
Medium parameters used: f = 837 MHz; σ = 1 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.096 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.43 V/m; Power Drift = -0.005 dB
Peak SAR (extrapolated) = 0.112 W/kg
SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.050 W/kg
Maximum value of SAR (measured) = 0.095 W/kg



0 dB = 0.095W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/14/2015 09:20:46 AM

18_CDMA 1900 CH25_RC1-SO55_side 1_10mm

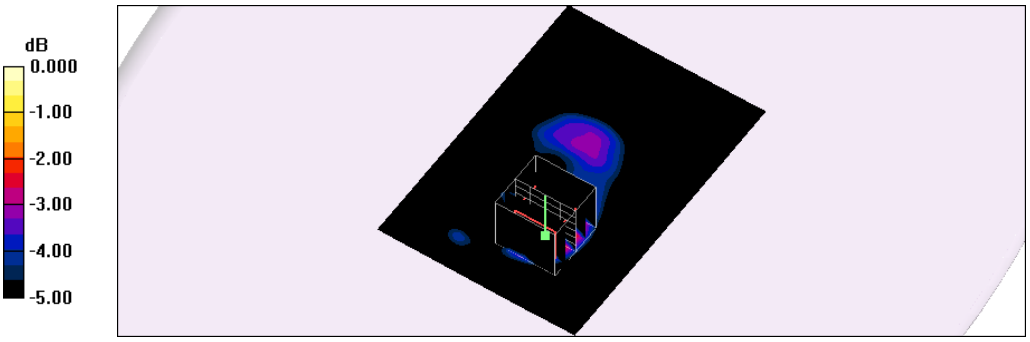
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: CDMA PCS ; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1851.25 MHz; σ = 1.46 mho/m; ε_r = 52.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.72 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.11 V/m; Power Drift = 0.037 dB
Peak SAR (extrapolated) = 2.29 W/kg
SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.593 W/kg
Maximum value of SAR (measured) = 1.86 W/kg



0 dB = 1.86W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/14/2015 09:56:33 AM

17_CDMA 1900 CH600_RC1-SO55_side 1_10mm

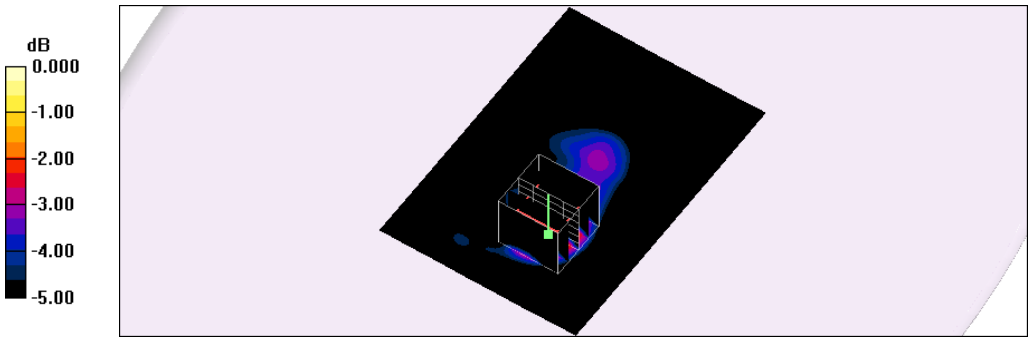
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: CDMA PCS ; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.45 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.49 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.48 V/m; Power Drift = -0.012 dB
Peak SAR (extrapolated) = 1.94 W/kg
SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.573 W/kg
Maximum value of SAR (measured) = 1.57 W/kg



0 dB = 1.57W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/14/2015 10:31:57 AM

19_CDMA 1900 CH1175_RC1-SO55_side 1_10mm

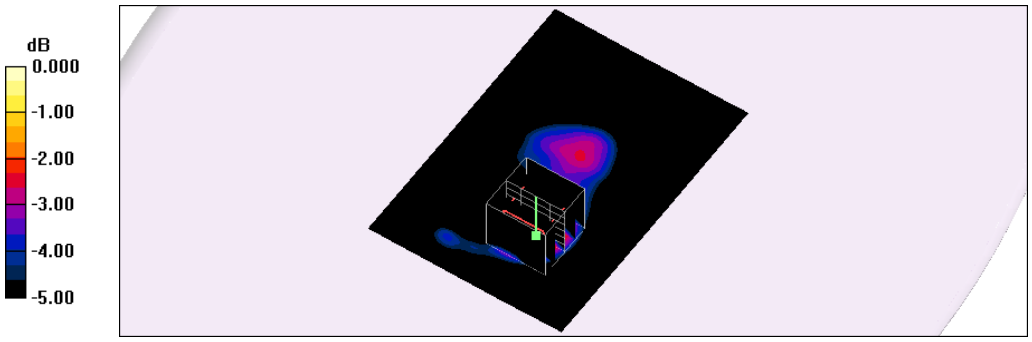
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: CDMA PCS ; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1909 MHz; σ = 1.49 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.95 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.14 V/m; Power Drift = 0.006 dB
Peak SAR (extrapolated) = 2.52 W/kg
SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.649 W/kg
Maximum value of SAR (measured) = 2.01 W/kg



0 dB = 2.01W/kg

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Date/Time: 9/14/2015 10:55:28 AM

21_CDMA 1900 CH25_RC1-SO55_side 2_10mm

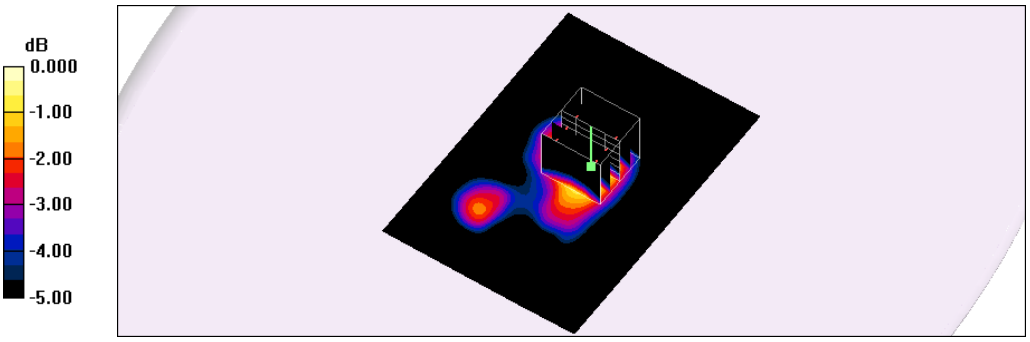
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: CDMA PCS ; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1851.25 MHz; σ = 1.46 mho/m; ε_r = 52.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.66 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.6 V/m; Power Drift = 0.004 dB
Peak SAR (extrapolated) = 1.89 W/kg
SAR(1 g) = 1.24 W/kg; SAR(10 g) = 0.784 W/kg
Maximum value of SAR (measured) = 1.59 W/kg



0 dB = 1.59W/kg

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Date/Time: 9/14/2015 11:26:13 AM

20_CDMA 1900 CH600_RC1-SO55_side 2_10mm

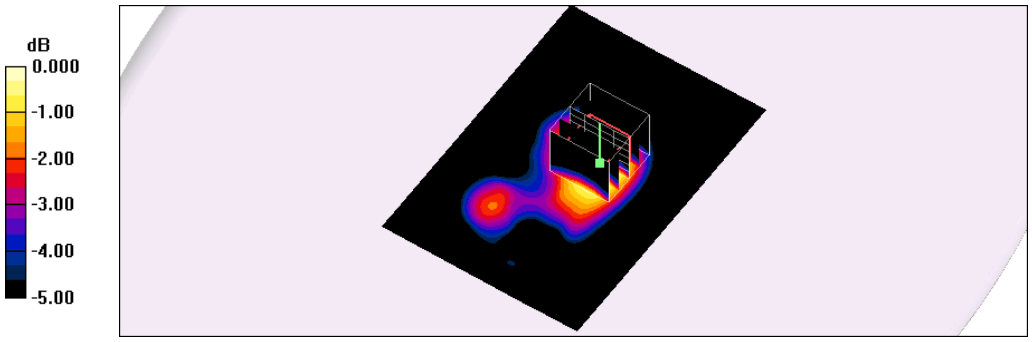
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: CDMA PCS ; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.45 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 29.6 V/m; Power Drift = 0.038 dB
Peak SAR (extrapolated) = 1.56 W/kg
SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.637 W/kg
Maximum value of SAR (measured) = 1.29 W/kg



0 dB = 1.29W/kg

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Date/Time: 9/14/2015 11:49:38 AM

22_CDMA 1900 CH1175_RC1-SO55_side 2_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

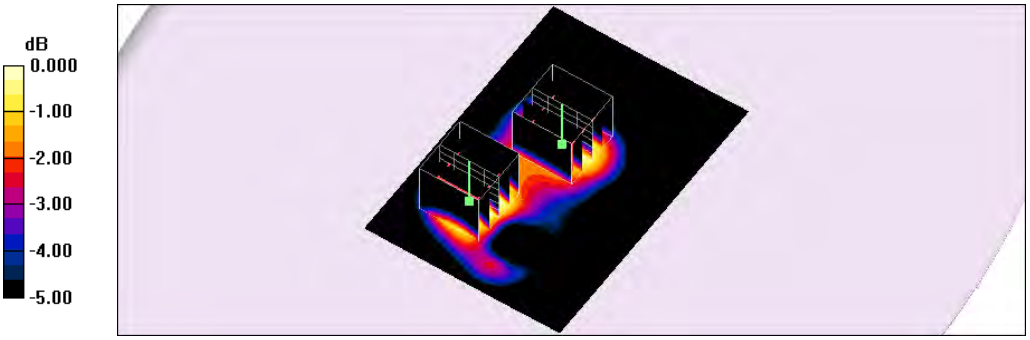
Communication System: CDMA PCS ; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1909 MHz; σ = 1.49 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.54 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.3 V/m; Power Drift = 0.059 dB
Peak SAR (extrapolated) = 1.95 W/kg
SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.662 W/kg
Maximum value of SAR (measured) = 1.57 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.3 V/m; Power Drift = 0.059 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.782 W/kg; SAR(10 g) = 0.484 W/kg
Maximum value of SAR (measured) = 0.974 W/kg



0 dB = 0.974W/kg

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Date/Time: 9/14/2015 12:36:11 PM

23_CDMA 1900 CH600_RC1-SO55_side 3_10mm

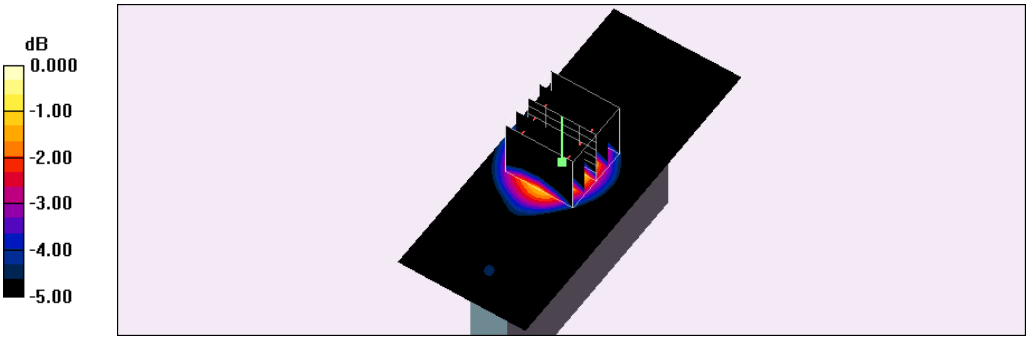
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: CDMA PCS ; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.45 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.431 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.9 V/m; Power Drift = 0.122 dB
Peak SAR (extrapolated) = 0.513 W/kg
SAR(1 g) = 0.328 W/kg; SAR(10 g) = 0.200 W/kg
Maximum value of SAR (measured) = 0.426 W/kg



0 dB = 0.426W/kg

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Date/Time: 9/14/2015 12:53:41 PM

24_CDMA 1900 CH600_RC1-SO55_side 4_10mm

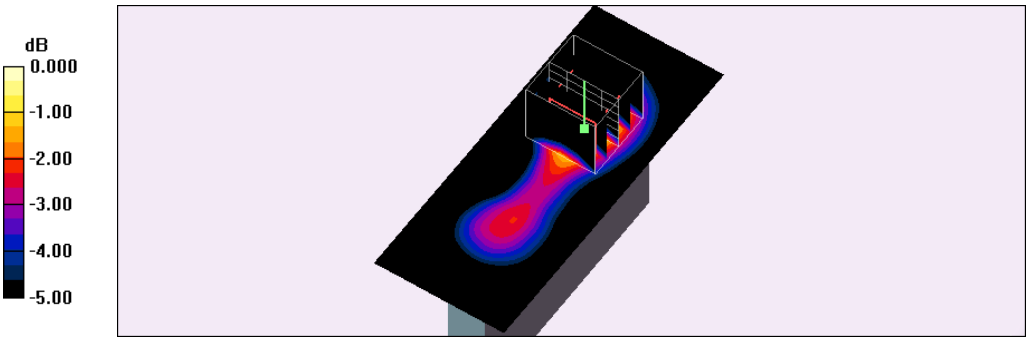
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: CDMA PCS ; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.45 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.655 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.4 V/m; Power Drift = -0.010 dB
Peak SAR (extrapolated) = 0.782 W/kg
SAR(1 g) = 0.489 W/kg; SAR(10 g) = 0.293 W/kg
Maximum value of SAR (measured) = 0.640 W/kg



0 dB = 0.640W/kg

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Date/Time: 9/14/2015 01:26:34 PM

25_CDMA 1900 CH600_RC1-SO55_side 5_10mm

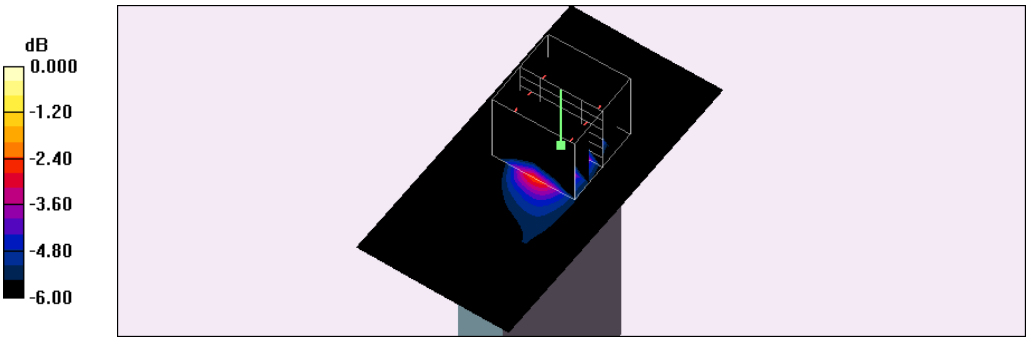
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: CDMA PCS ; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.45 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.590 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.6 V/m; Power Drift = -0.038 dB
Peak SAR (extrapolated) = 0.738 W/kg
SAR(1 g) = 0.436 W/kg; SAR(10 g) = 0.233 W/kg
Maximum value of SAR (measured) = 0.610 W/kg



0 dB = 0.610W/kg

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Date/Time: 9/14/2015 04:00:16 PM

245_CDMA 1900 CH25_RC3-SO55_side 1_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

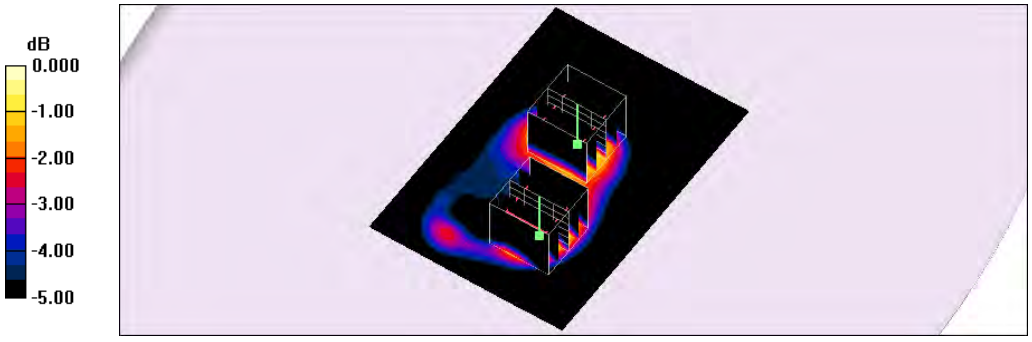
Communication System: CDMA PCS ; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1851.25 MHz; σ = 1.46 mho/m; ε_r = 52.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.40 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.6 V/m; Power Drift = 0.001 dB
Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.604 W/kg
Maximum value of SAR (measured) = 1.42 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.6 V/m; Power Drift = 0.001 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 0.871 W/kg; SAR(10 g) = 0.543 W/kg
Maximum value of SAR (measured) = 1.11 W/kg



0 dB = 1.11W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/14/2015 04:28:51 PM

246_CDMA 1900 CH600_RC3-SO55_side 1_10mm

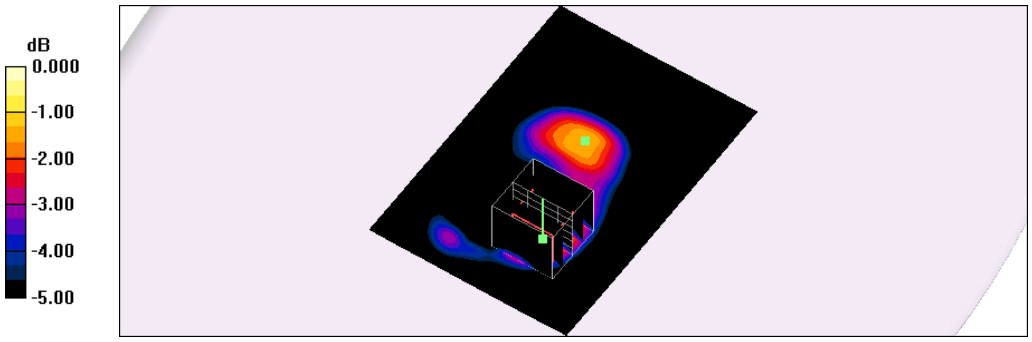
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: CDMA PCS ; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.45 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.12 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.3 V/m; Power Drift = 0.001 dB
Peak SAR (extrapolated) = 1.39 W/kg
SAR(1 g) = 0.834 W/kg; SAR(10 g) = 0.471 W/kg
Maximum value of SAR (measured) = 1.12 W/kg



0 dB = 1.12W/kg

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Date/Time: 9/14/2015 03:20:46 PM

247_CDMA 1900 CH1175_RC3-SO55_side 1_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

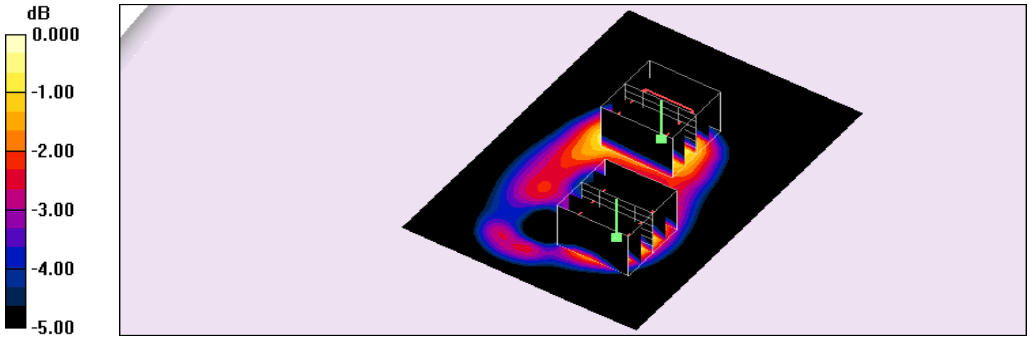
Communication System: CDMA PCS ; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1909 MHz; σ = 1.49 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.44 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.0 V/m; Power Drift = -0.073 dB
Peak SAR (extrapolated) = 1.81 W/kg
SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.600 W/kg
Maximum value of SAR (measured) = 1.46 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.0 V/m; Power Drift = -0.073 dB
Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 0.882 W/kg; SAR(10 g) = 0.543 W/kg
Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.14W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/14/2015 02:14:15 PM

248_CDMA 1900 CH25_RC3-SO55_side 2_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

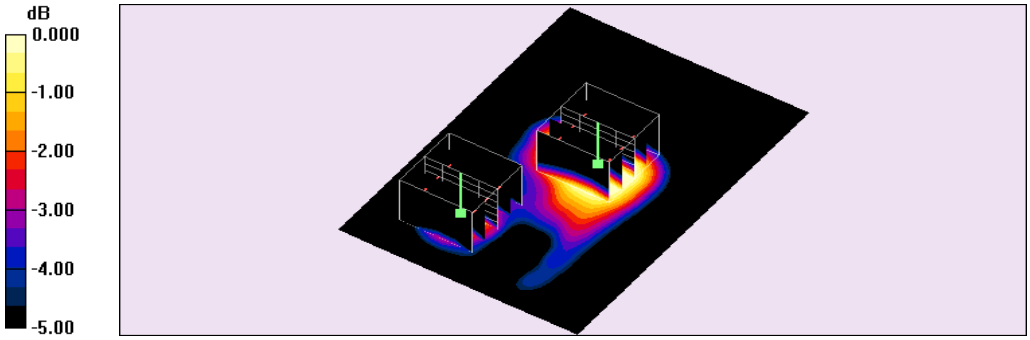
Communication System: CDMA PCS ; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1851.25 MHz; σ = 1.46 mho/m; ε_r = 52.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.39 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.2 V/m; Power Drift = -0.039 dB
Peak SAR (extrapolated) = 1.53 W/kg
SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.641 W/kg
Maximum value of SAR (measured) = 1.29 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.2 V/m; Power Drift = -0.039 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.754 W/kg; SAR(10 g) = 0.421 W/kg
Maximum value of SAR (measured) = 1.01 W/kg



0 dB = 1.01W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/14/2015 02:48:52 PM

249_CDMA 1900 CH600_RC3-SO55_side 2_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

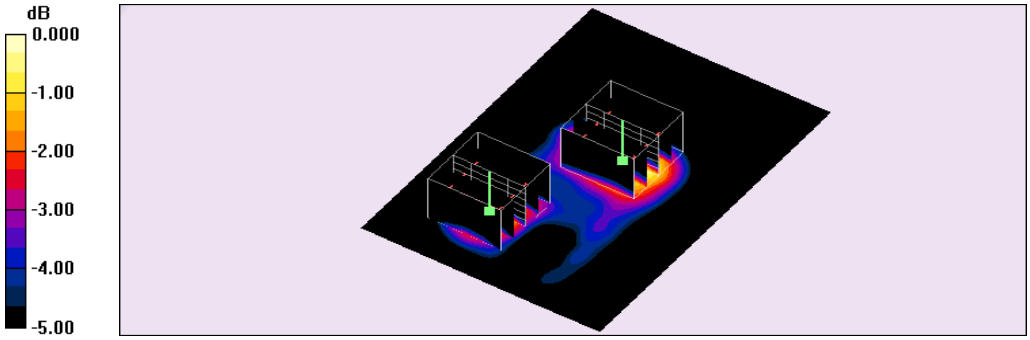
Communication System: CDMA PCS ; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.45 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.09 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.7 V/m; Power Drift = -0.030 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.797 W/kg; SAR(10 g) = 0.451 W/kg
Maximum value of SAR (measured) = 1.07 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.7 V/m; Power Drift = -0.030 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.800 W/kg; SAR(10 g) = 0.489 W/kg
Maximum value of SAR (measured) = 1.03 W/kg



0 dB = 1.03W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/14/2015 04:43:25 PM

250_CDMA 1900 CH1175_RC3-SO55_side 2_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

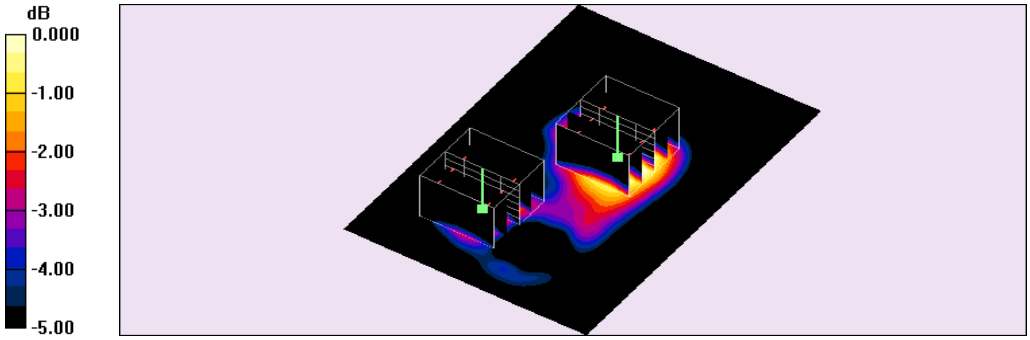
Communication System: CDMA PCS ; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1909 MHz; σ = 1.49 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.20 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.7 V/m; Power Drift = -0.042 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.916 W/kg; SAR(10 g) = 0.562 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 = 28.7 V/m; Power Drift = -0.042 dB
Peak SAR (extrapolated) = 1.22 W/kg
SAR(1 g) = 0.736 W/kg; SAR(10 g) = 0.415 W/kg
Maximum value of SAR (measured) = 0.990 W/kg



0 dB = 0.990W/kg

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27_1xRTT 1900 CH25_RC3-SO32_side 1_10mm

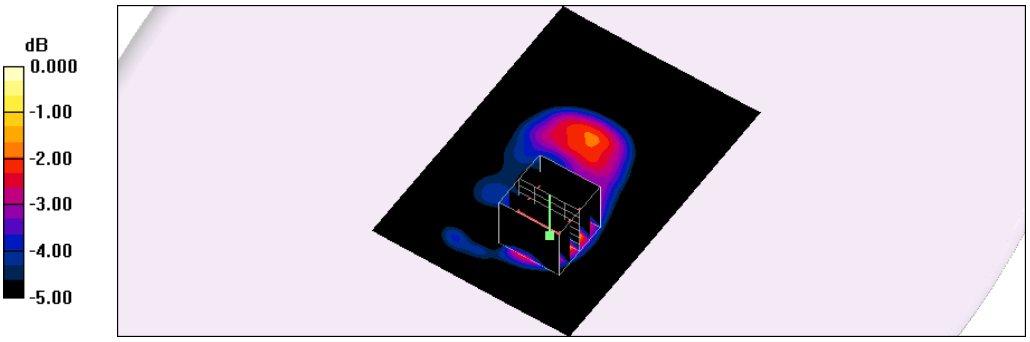
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: 1xRTT PCS ; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1851.25 MHz; σ = 1.46 mho/m; ε_r = 52.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 28.7 V/m; Power Drift = 0.009 dB
Peak SAR (extrapolated) = 1.62 W/kg
SAR(1 g) = 0.984 W/kg; SAR(10 g) = 0.562 W/kg
Maximum value of SAR (measured) = 1.33 W/kg



0 dB = 1.33W/kg

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Date/Time: 9/14/2015 05:27:15 PM

26_1xRTT 1900 CH600_RC3-SO32_side 1_10mm

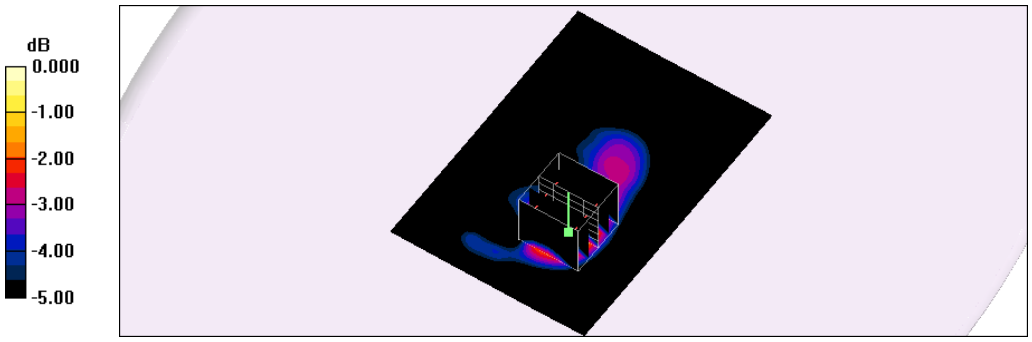
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: 1xRTT PCS ; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.45 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 28.1 V/m; Power Drift = -0.013 dB
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 0.891 W/kg; SAR(10 g) = 0.511 W/kg
Maximum value of SAR (measured) = 1.19 W/kg



0 dB = 1.19W/kg

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Date/Time: 9/14/2015 05:51:23 PM

28_1xRTT 1900 CH1175_RC3-SO32_side 1_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

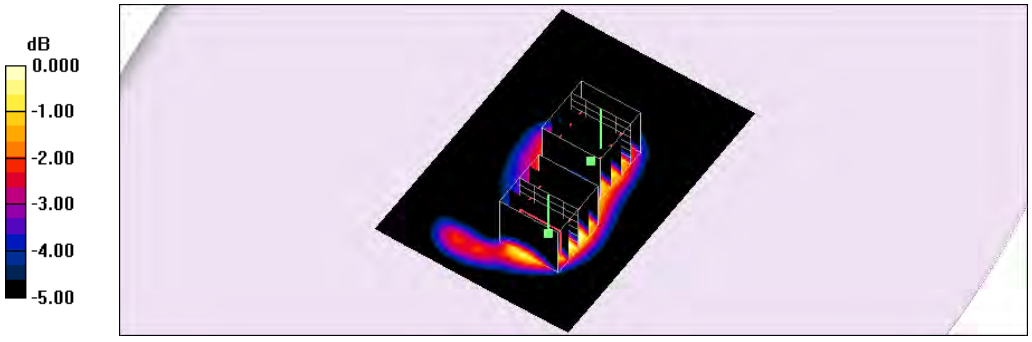
Communication System: 1xRTT PCS ; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1909 MHz; σ = 1.49 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.39 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.1 V/m; Power Drift = 0.117 dB
Peak SAR (extrapolated) = 1.74 W/kg
SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.597 W/kg
Maximum value of SAR (measured) = 1.42 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.1 V/m; Power Drift = 0.117 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.733 W/kg; SAR(10 g) = 0.459 W/kg
Maximum value of SAR (measured) = 0.939 W/kg



0 dB = 0.939W/kg

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Date/Time: 9/14/2015 06:30:49 PM

30_1xRTT 1900 CH25_RC3-SO32_side 2_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

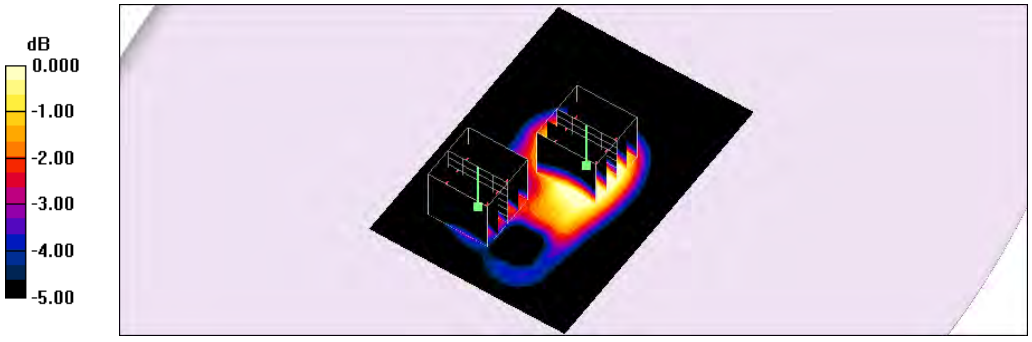
Communication System: 1xRTT PCS ; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1851.25 MHz; σ = 1.46 mho/m; ε_r = 52.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.53 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.1 V/m; Power Drift = 0.048 dB
Peak SAR (extrapolated) = 1.77 W/kg
SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.765 W/kg
Maximum value of SAR (measured) = 1.49 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.1 V/m; Power Drift = 0.048 dB
Peak SAR (extrapolated) = 1.40 W/kg
SAR(1 g) = 0.838 W/kg; SAR(10 g) = 0.469 W/kg
Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.14W/kg

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Date/Time: 9/14/2015 06:57:21 PM

29_1xRTT 1900 CH600_RC3-SO32_side 2_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

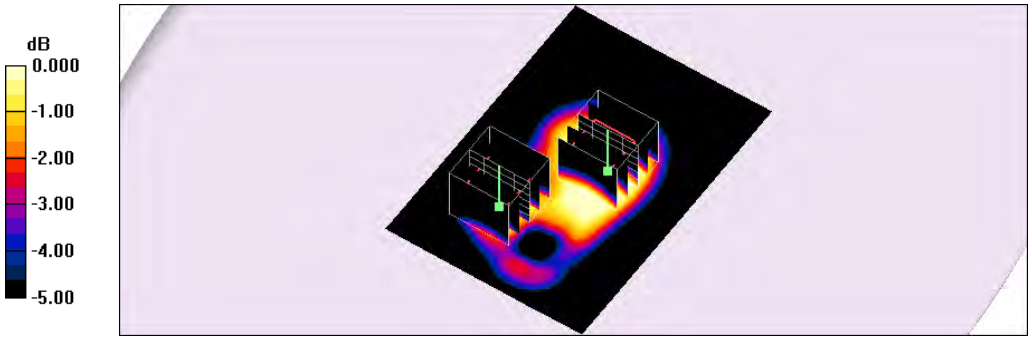
Communication System: 1xRTT PCS ; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.45 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 27.8 V/m; Power Drift = 0.001 dB
Peak SAR (extrapolated) = 1.43 W/kg
SAR(1 g) = 0.944 W/kg; SAR(10 g) = 0.598 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 = 27.8 V/m; Power Drift = 0.001 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.670 W/kg; SAR(10 g) = 0.380 W/kg
Maximum value of SAR (measured) = 0.900 W/kg



0 dB = 0.900W/kg

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Date/Time: 9/14/2015 07:24:54 PM

31_1xRTT 1900 CH1175_RC3-SO32_side 2_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

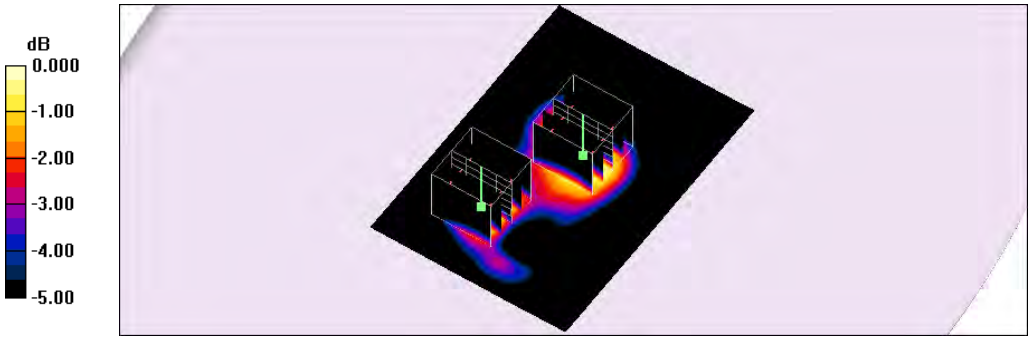
Communication System: 1xRTT PCS ; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1909 MHz; σ = 1.49 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.38 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.4 V/m; Power Drift = 0.013 dB
Peak SAR (extrapolated) = 1.67 W/kg
SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.576 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 = 28.4 V/m; Power Drift = 0.013 dB
Peak SAR (extrapolated) = 1.39 W/kg
SAR(1 g) = 0.936 W/kg; SAR(10 g) = 0.600 W/kg
Maximum value of SAR (measured) = 1.18 W/kg



0 dB = 1.18W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/14/2015 07:24:54 PM

32_1xRTT 1900 CH600_RC3-SO32_side 3_10mm

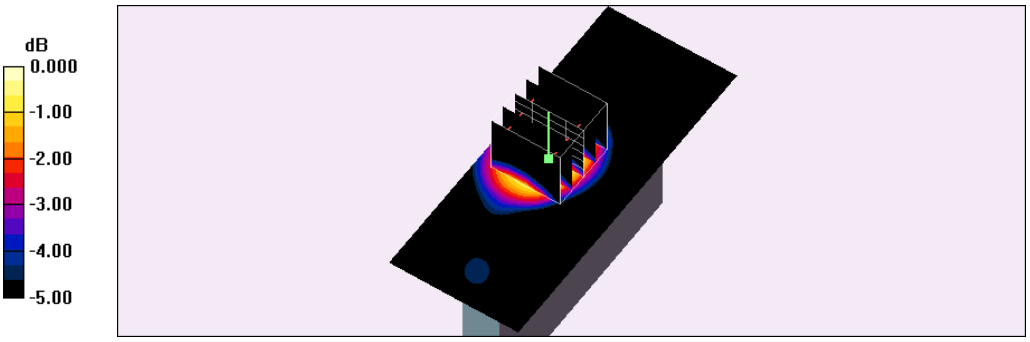
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: 1xRTT PCS ; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.45 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.479 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.6 V/m; Power Drift = 0.010 dB
Peak SAR (extrapolated) = 0.494 W/kg
SAR(1 g) = 0.316 W/kg; SAR(10 g) = 0.193 W/kg
Maximum value of SAR (measured) = 0.411 W/kg



0 dB = 0.411W/kg

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Date/Time: 9/14/2015 07:49:17 PM

33_1xRTT 1900 CH600_RC3-SO32_side 4_10mm

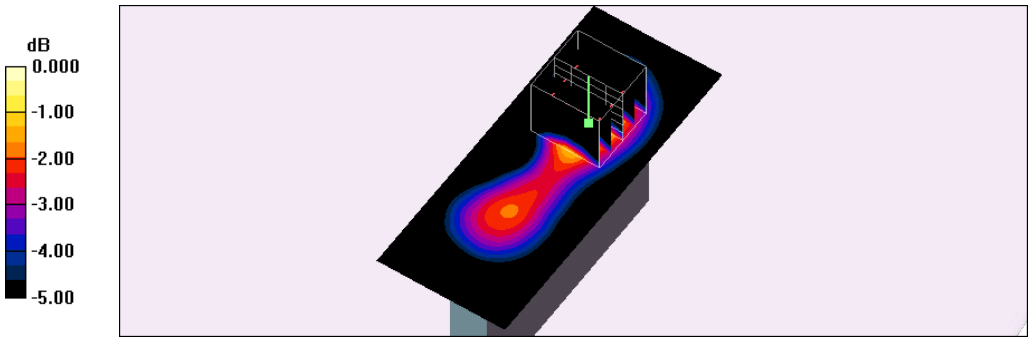
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: 1xRTT PCS ; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.45 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.471 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.0 V/m; Power Drift = -0.033 dB
Peak SAR (extrapolated) = 0.614 W/kg
SAR(1 g) = 0.381 W/kg; SAR(10 g) = 0.227 W/kg
Maximum value of SAR (measured) = 0.505 W/kg



0 dB = 0.505W/kg

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Date/Time: 9/14/2015 08:24:05 PM

34_1xRTT 1900 CH600_RC3-SO32_side 5_10mm

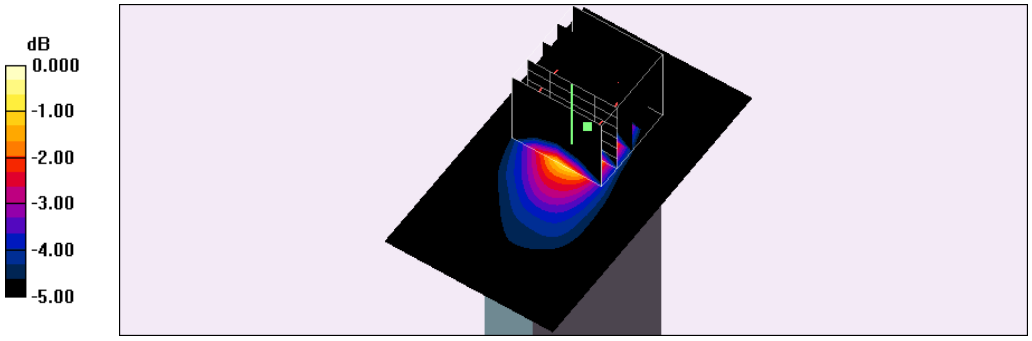
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: 1xRTT PCS ; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.45 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.590 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.7 V/m; Power Drift = -0.172 dB
Peak SAR (extrapolated) = 0.582 W/kg
SAR(1 g) = 0.357 W/kg; SAR(10 g) = 0.200 W/kg
Maximum value of SAR (measured) = 0.471 W/kg



0 dB = 0.471W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/12/2015 02:13:01 AM

273_1xEVDO 1900 CH25_Rev.0_side 1_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

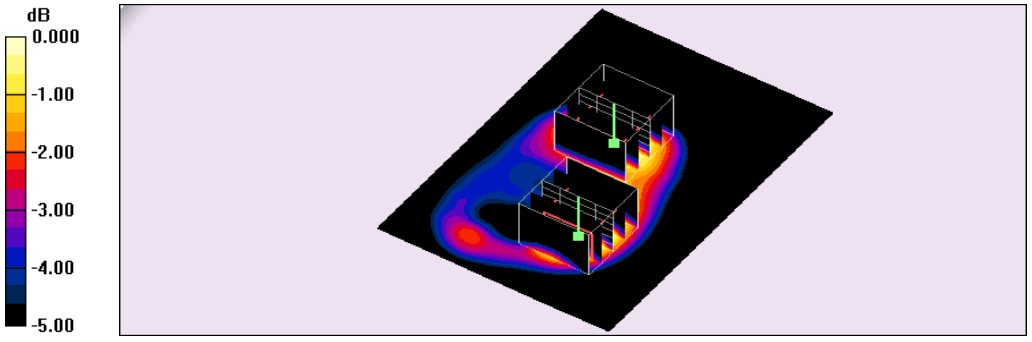
Communication System: 1xEVDO PCS ; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1851.25 MHz; σ = 1.46 mho/m; ε_r = 52.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.985 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.8 V/m; Power Drift = -0.019 dB
Peak SAR (extrapolated) = 1.22 W/kg
SAR(1 g) = 0.728 W/kg; SAR(10 g) = 0.409 W/kg
Maximum value of SAR (measured) = 0.992 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.8 V/m; Power Drift = -0.019 dB
Peak SAR (extrapolated) = 0.894 W/kg
SAR(1 g) = 0.572 W/kg; SAR(10 g) = 0.351 W/kg
Maximum value of SAR (measured) = 0.721 W/kg



0 dB = 0.721W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/11/2015 08:32:45 PM

238_1xEVDO 1900 CH600_Rev.0_side 1_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

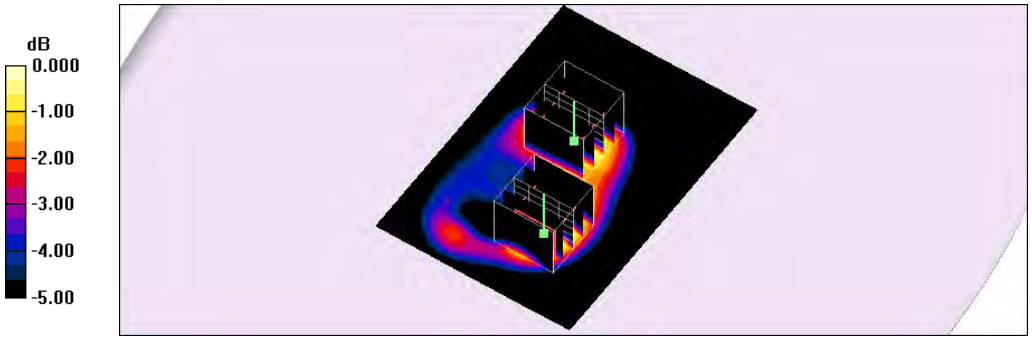
Communication System: 1xEVDO PCS ; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.45 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.990 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.9 V/m; Power Drift = -0.066 dB
Peak SAR (extrapolated) = 1.22 W/kg
SAR(1 g) = 0.731 W/kg; SAR(10 g) = 0.411 W/kg
Maximum value of SAR (measured) = 0.997 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.9 V/m; Power Drift = -0.066 dB
Peak SAR (extrapolated) = 0.899 W/kg
SAR(1 g) = 0.575 W/kg; SAR(10 g) = 0.353 W/kg
Maximum value of SAR (measured) = 0.725 W/kg



0 dB = 0.725W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/12/2015 02:43:57 AM

274_1xEVDO 1900 CH1175_Rev.0_side 1_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

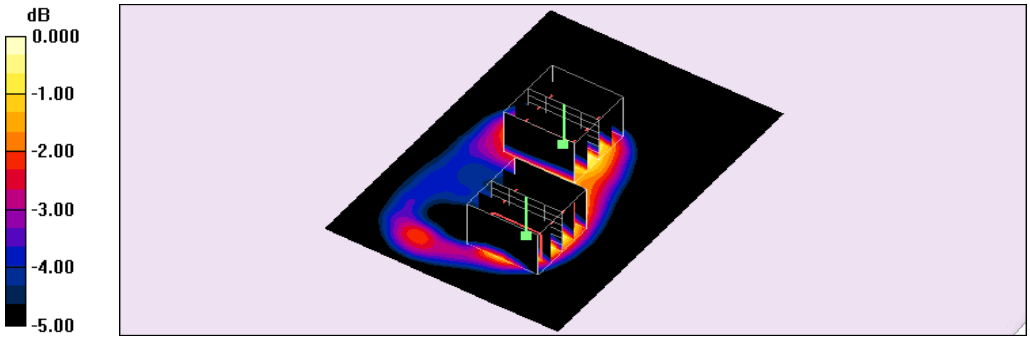
Communication System: 1xEVDO PCS ; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1909 MHz; σ = 1.49 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 25.0 V/m; Power Drift = -0.164 dB
Peak SAR (extrapolated) = 1.27 W/kg
SAR(1 g) = 0.759 W/kg; SAR(10 g) = 0.426 W/kg
Maximum value of SAR (measured) = 1.03 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.0 V/m; Power Drift = -0.164 dB
Peak SAR (extrapolated) = 0.932 W/kg
SAR(1 g) = 0.596 W/kg; SAR(10 g) = 0.366 W/kg
Maximum value of SAR (measured) = 0.752 W/kg



0 dB = 0.752W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/11/2015 09:31:01 PM

240_1xEVDO 1900 CH25_Rev.0_side 2_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

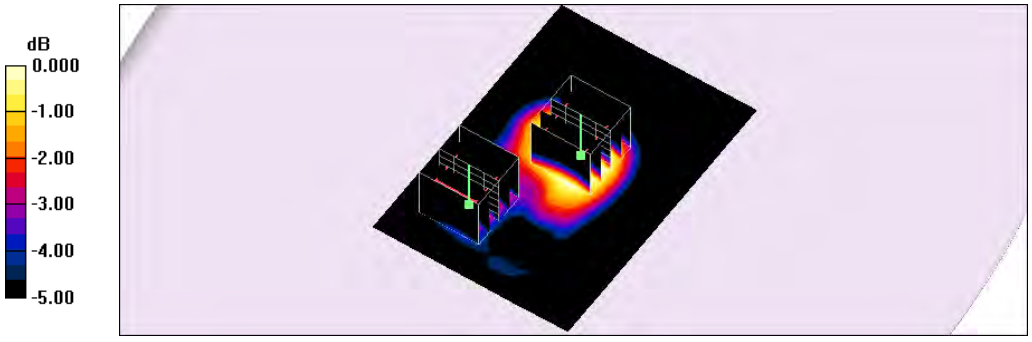
Communication System: 1xEVDO PCS ; Frequency: 1851.25 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1851.25 MHz; σ = 1.46 mho/m; ε_r = 52.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 29.0 V/m; Power Drift = -0.123 dB
Peak SAR (extrapolated) = 1.42 W/kg
SAR(1 g) = 0.949 W/kg; SAR(10 g) = 0.603 W/kg
Maximum value of SAR (measured) = 1.20 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.0 V/m; Power Drift = -0.123 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.698 W/kg; SAR(10 g) = 0.393 W/kg
Maximum value of SAR (measured) = 0.948 W/kg



0 dB = 0.948W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/11/2015 08:56:22 PM

239_1xEVDO 1900 CH600_Rev.0_side 2_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

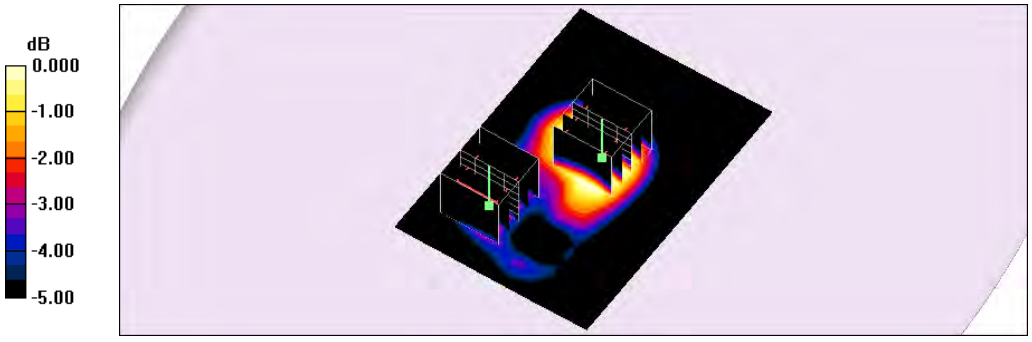
Communication System: 1xEVDO PCS ; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.45 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.08 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.2 V/m; Power Drift = -0.050 dB
Peak SAR (extrapolated) = 1.22 W/kg
SAR(1 g) = 0.801 W/kg; SAR(10 g) = 0.503 W/kg
Maximum value of SAR (measured) = 1.02 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.2 V/m; Power Drift = -0.050 dB
Peak SAR (extrapolated) = 0.945 W/kg
SAR(1 g) = 0.555 W/kg; SAR(10 g) = 0.309 W/kg
Maximum value of SAR (measured) = 0.757 W/kg



0 dB = 0.757W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/11/2015 10:25:24 PM

241_1xEVDO 1900 CH1175_Rev.0_side 2_10mm

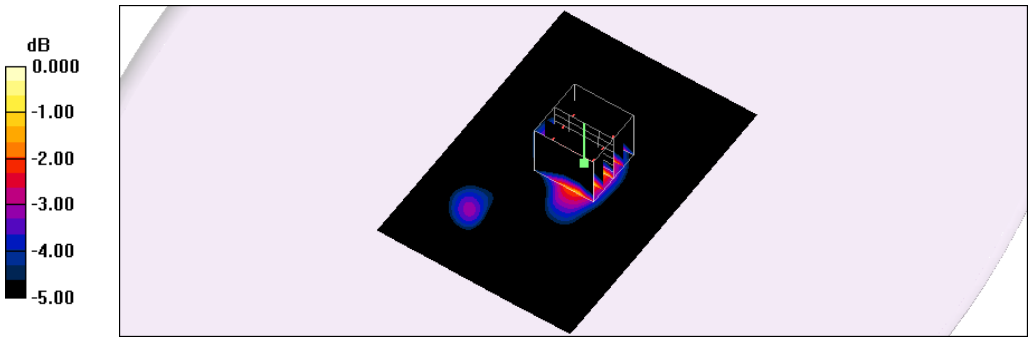
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: 1xEVDO PCS ; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1909 MHz; σ = 1.49 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.849 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.0 V/m; Power Drift = -0.004 dB
Peak SAR (extrapolated) = 1.24 W/kg
SAR(1 g) = 0.803 W/kg; SAR(10 g) = 0.497 W/kg
Maximum value of SAR (measured) = 1.02 W/kg



0 dB = 1.02W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/12/2015 12:08:50 AM

242_1xEVDO 1900 CH600_Rev.0_side 3_10mm

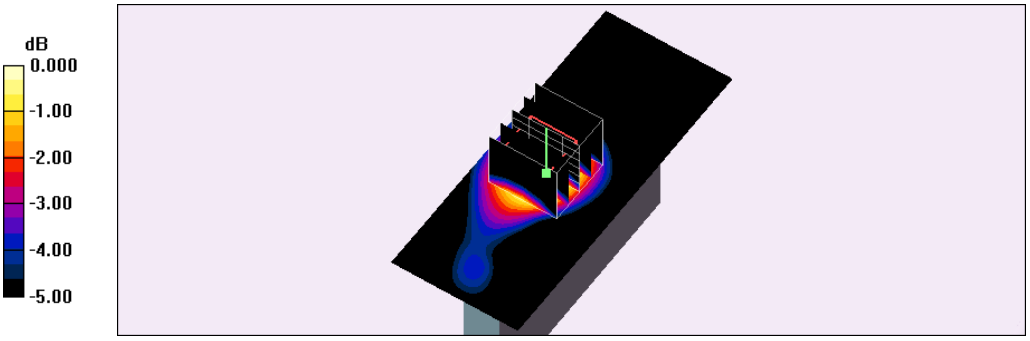
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: 1xEVDO PCS ; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.45 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.466 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.2 V/m; Power Drift = -0.048 dB
Peak SAR (extrapolated) = 0.479 W/kg
SAR(1 g) = 0.304 W/kg; SAR(10 g) = 0.185 W/kg
Maximum value of SAR (measured) = 0.394 W/kg



0 dB = 0.394W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/12/2015 12:29:32 AM

243_1xEVDO 1900 CH600_Rev.0_side 4_10mm

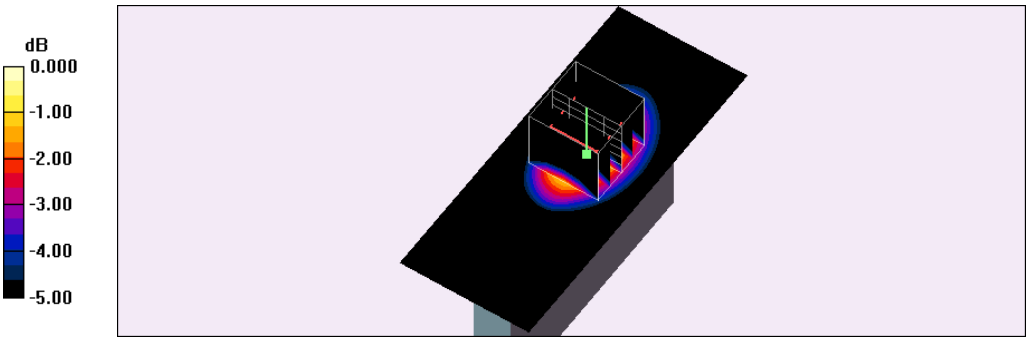
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: 1xEVDO PCS ; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.45 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.498 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.7 V/m; Power Drift = 0.011 dB
Peak SAR (extrapolated) = 0.600 W/kg
SAR(1 g) = 0.375 W/kg; SAR(10 g) = 0.224 W/kg
Maximum value of SAR (measured) = 0.492 W/kg



0 dB = 0.492W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/12/2015 12:44:29 AM

244_1xEVDO 1900 CH600_Rev.0_side 5_10mm

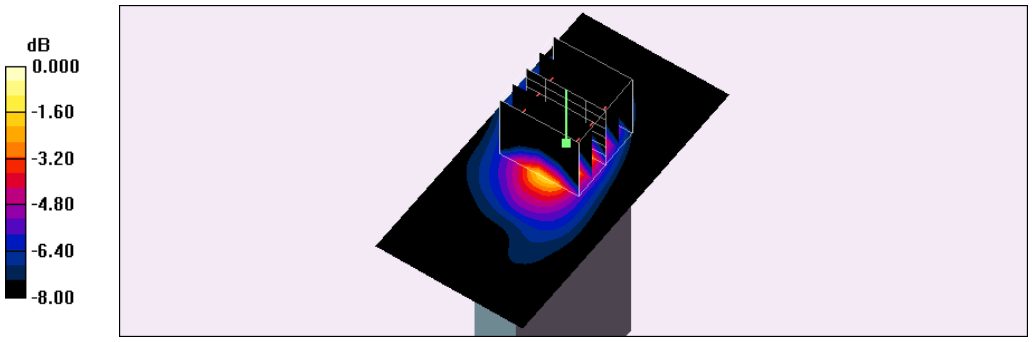
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: 1xEVDO PCS ; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.45 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.518 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.4 V/m; Power Drift = 0.046 dB
Peak SAR (extrapolated) = 0.556 W/kg
SAR(1 g) = 0.338 W/kg; SAR(10 g) = 0.185 W/kg
Maximum value of SAR (measured) = 0.456 W/kg



0 dB = 0.456W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/6/2015 05:01:42 PM

284_WCDMA Band II CH9400_side1_10mm_original #1_measured once

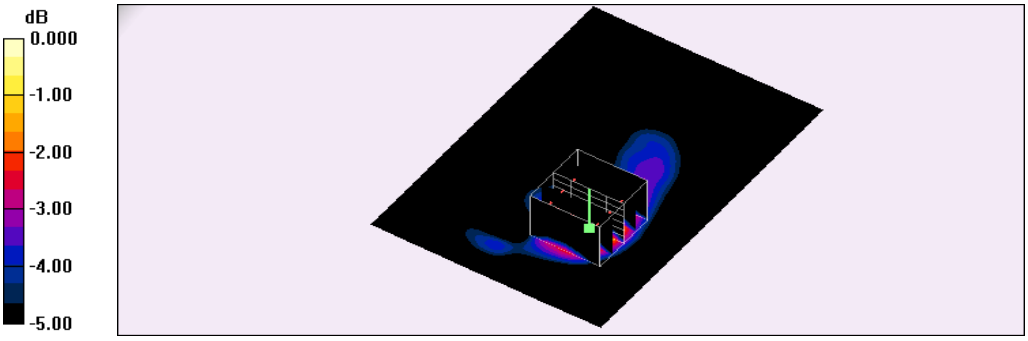
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: WCDMA Band II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.45 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.71 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.3 V/m; Power Drift = 0.071 dB
Peak SAR (extrapolated) = 2.09 W/kg
SAR(1 g) = 1.27 W/kg; SAR(10 g) = 0.730 W/kg
Maximum value of SAR (measured) = 1.70 W/kg



0 dB = 1.70W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/6/2015 05:39:04 PM

285_WCDMA Band II CH9400_side1_original #1_10mm_measured twice

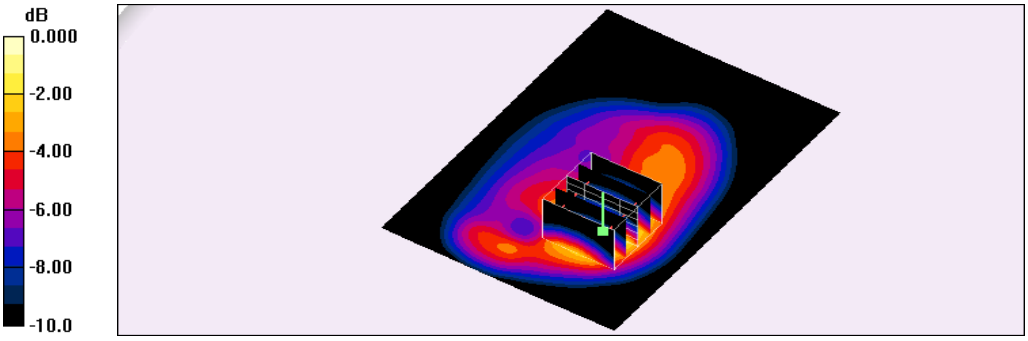
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: WCDMA Band II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.45 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.72 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.3 V/m; Power Drift = 0.121 dB
Peak SAR (extrapolated) = 2.11 W/kg
SAR(1 g) = 1.28 W/kg; SAR(10 g) = 0.735 W/kg
Maximum value of SAR (measured) = 1.71 W/kg



0 dB = 1.71W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/13/2015 03:15:44 AM

263_WCDMA Band IV CH1513_side 2_10mm_original #129_measured once

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

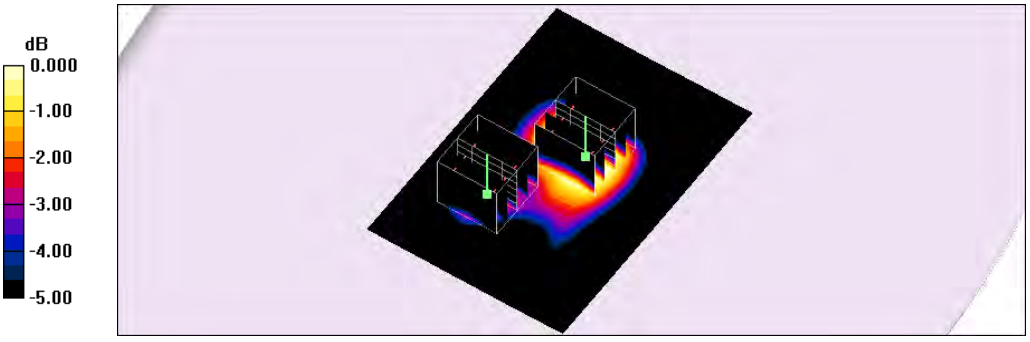
Communication System: WCDMA Band IV; Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1753 MHz; σ = 1.53 mho/m; ε_r = 55.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.37 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.2 V/m; Power Drift = 0.072 dB
Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.755 W/kg
Maximum value of SAR (measured) = 1.48 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.2 V/m; Power Drift = 0.072 dB
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 0.860 W/kg; SAR(10 g) = 0.470 W/kg
Maximum value of SAR (measured) = 1.17 W/kg



0 dB = 1.17W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/7/2015 04:17:58 AM

266_WCDMA Band V CH4233_side 2_10mm_original #138_measured once

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

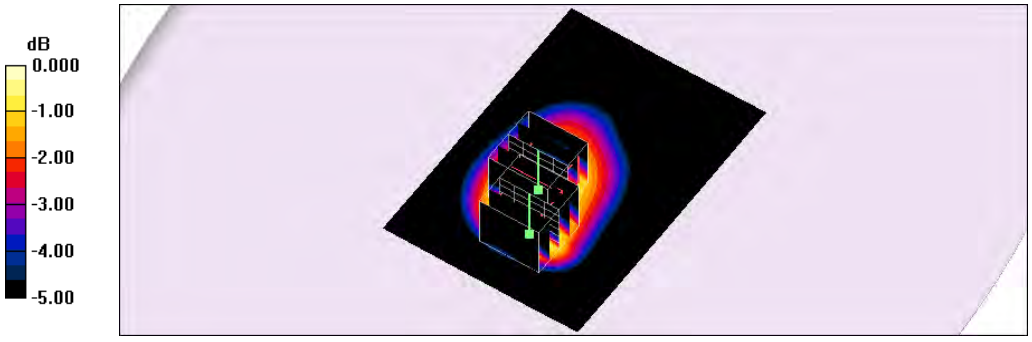
Communication System: WCDMA Band V; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 847 MHz; σ = 1.01 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.43 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 37.0 V/m; Power Drift = 0.016 dB
Peak SAR (extrapolated) = 1.66 W/kg
SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.772 W/kg
Maximum value of SAR (measured) = 1.40 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 37.0 V/m; Power Drift = 0.016 dB
Peak SAR (extrapolated) = 1.52 W/kg
SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.829 W/kg
Maximum value of SAR (measured) = 1.34 W/kg



0 dB = 1.34W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/11/2015 03:46:20 PM

233_1xEVDO 800 CH670_Rev.A_side 2_10mm_original #231_measured once

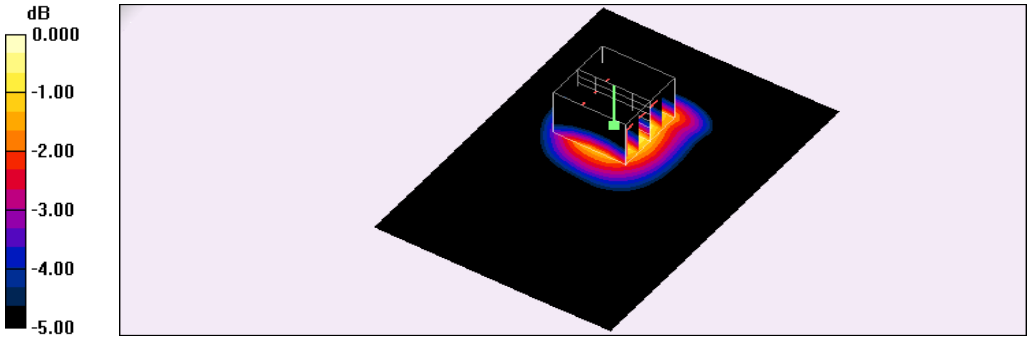
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: 1xEVDO Secondary 800MHz; Frequency: 822.75 MHz;Duty Cycle: 1:1
Medium parameters used: f = 823 MHz; σ = 0.984 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 35.3 V/m; Power Drift = 0.035 dB
Peak SAR (extrapolated) = 1.48 W/kg
SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.715 W/kg
Maximum value of SAR (measured) = 1.28 W/kg



0 dB = 1.28W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/24/2015 11:45:13 PM

283_1xRTT 850 CH777_RC3-SO32_side 2_10mm_original #176_measured once

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

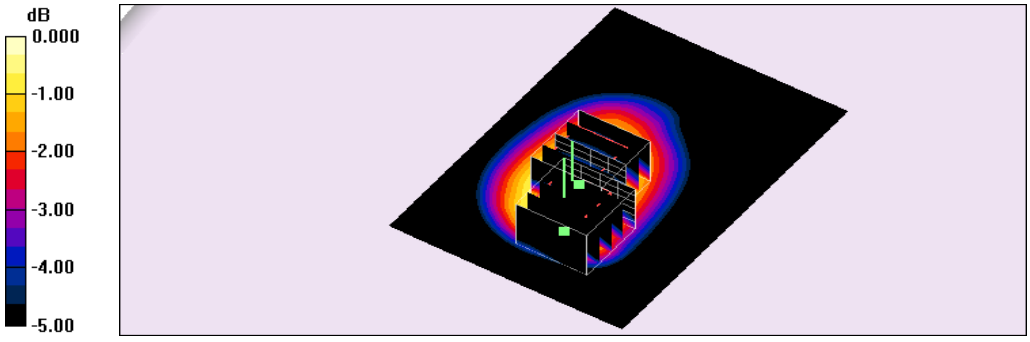
Communication System: 1xRTT Cellular ; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium parameters used: f = 848.31 MHz; σ = 1.02 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.30 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 36.8 V/m; Power Drift = 0.136 dB
Peak SAR (extrapolated) = 1.43 W/kg
SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.705 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 = 36.8 V/m; Power Drift = 0.136 dB
Peak SAR (extrapolated) = 1.46 W/kg
SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.822 W/kg
Maximum value of SAR (measured) = 1.30 W/kg



0 dB = 1.30W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/12/2015 01:16:44 AM

251_CDMA 1900 CH1175_RC1-SO55_side 2_10mm_original #22_measured once

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

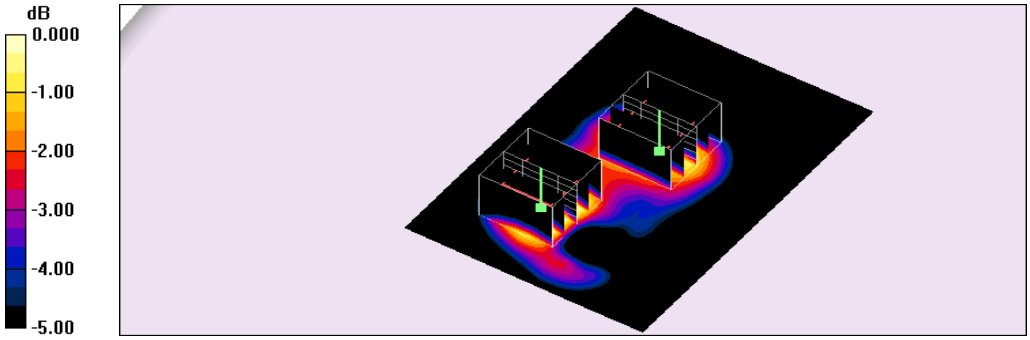
Communication System: CDMA PCS ; Frequency: 1908.75 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1909 MHz; σ = 1.49 mho/m; ε_r = 51.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 29.5 V/m; Power Drift = 0.084 dB
Peak SAR (extrapolated) = 1.81 W/kg
SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.615 W/kg
Maximum value of SAR (measured) = 1.47 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.5 V/m; Power Drift = 0.084 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.781 W/kg; SAR(10 g) = 0.483 W/kg
Maximum value of SAR (measured) = 0.988 W/kg



0 dB = 0.988W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/16/2015 03:09:12 PM

10_LTE Band 2 CH18900_QPSK_BW 20M_1 RB Size 0 RB Offset_side 1_10mm

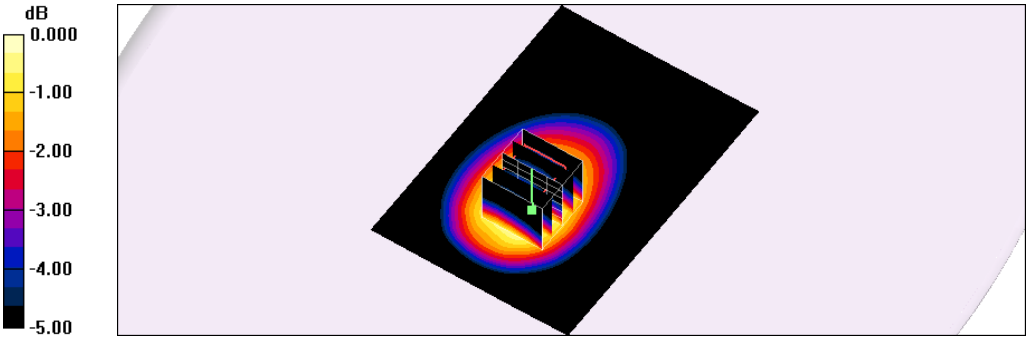
DUT: AC810S-300; Type: Hot Spot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.45 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.966 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.9 V/m; Power Drift = -0.054 dB
Peak SAR (extrapolated) = 1.13 W/kg
SAR(1 g) = 0.685 W/kg; SAR(10 g) = 0.393 W/kg
Maximum value of SAR (measured) = 0.924 W/kg



0 dB = 0.924W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/16/2015 03:53:55 PM

11_LTE Band 2 CH18900_QPSK_BW 20M_1 RB Size 0 RB Offset_side 2_10mm

DUT: AC810S-300; Type: Hot Spot; Serial: 351639070006457

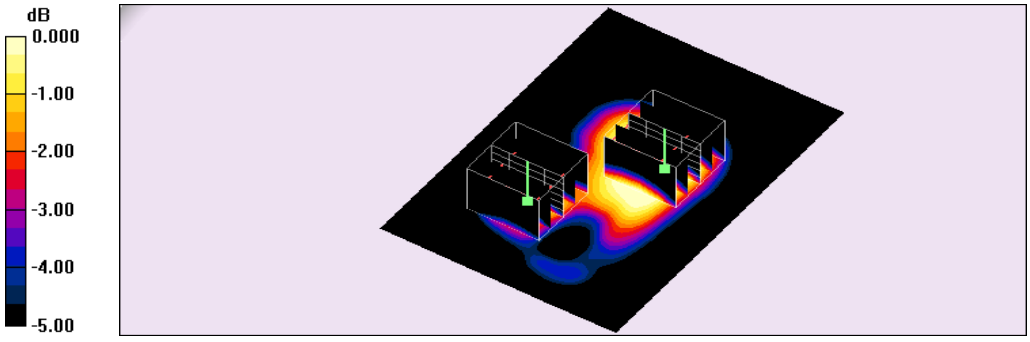
Communication System: Generic LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.45 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.927 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.4 V/m; Power Drift = -0.132 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.716 W/kg; SAR(10 g) = 0.450 W/kg
Maximum value of SAR (measured) = 0.899 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.4 V/m; Power Drift = -0.132 dB
Peak SAR (extrapolated) = 0.819 W/kg
SAR(1 g) = 0.492 W/kg; SAR(10 g) = 0.279 W/kg
Maximum value of SAR (measured) = 0.666 W/kg



0 dB = 0.666W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/16/2015 08:10:35 PM

14_LTE Band 2 CH18900_QPSK_BW 20M_1 RB Size 0 RB Offset_side 3_10mm

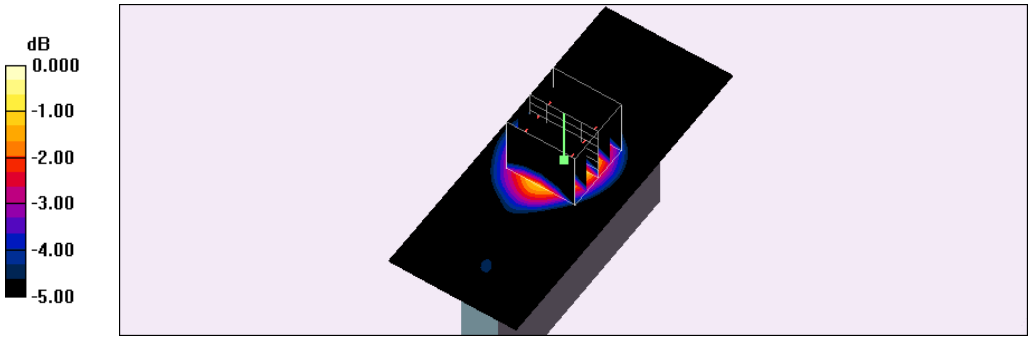
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.45 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.459 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.4 V/m; Power Drift = -0.162 dB
Peak SAR (extrapolated) = 0.511 W/kg
SAR(1 g) = 0.324 W/kg; SAR(10 g) = 0.195 W/kg
Maximum value of SAR (measured) = 0.426 W/kg



0 dB = 0.426W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/16/2015 08:24:23 PM

15_LTE Band 2 CH18900_QPSK_BW 20M_1 RB Size 0 RB Offset_side 4_10mm

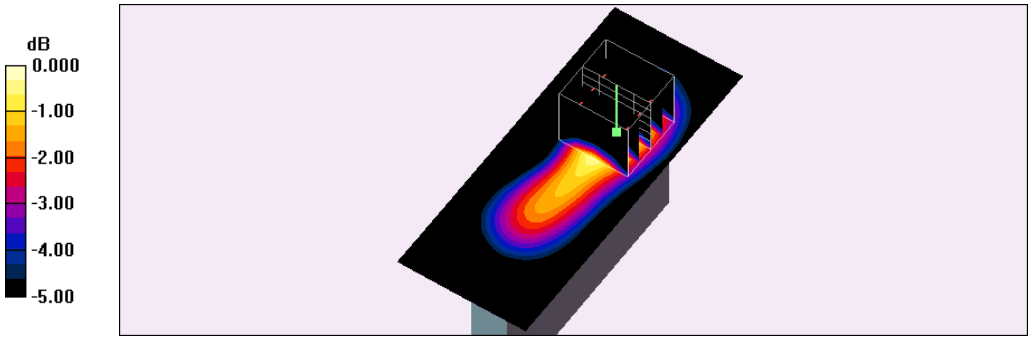
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.45 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.439 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.7 V/m; Power Drift = -0.002 dB
Peak SAR (extrapolated) = 0.506 W/kg
SAR(1 g) = 0.315 W/kg; SAR(10 g) = 0.187 W/kg
Maximum value of SAR (measured) = 0.415 W/kg



0 dB = 0.415W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/16/2015 08:42:22 PM

16_LTE Band 2 CH18900_QPSK_BW 20M_1 RB Size 0 RB Offset_side 5_10mm

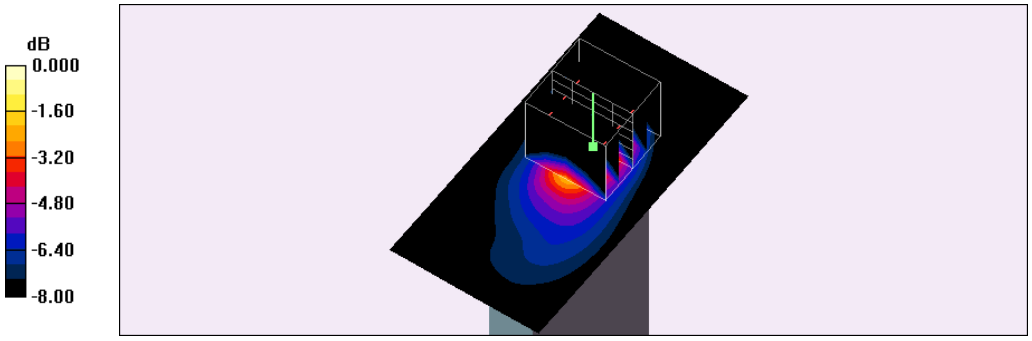
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.45 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.590 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.5 V/m; Power Drift = -0.029 dB
Peak SAR (extrapolated) = 0.710 W/kg
SAR(1 g) = 0.419 W/kg; SAR(10 g) = 0.223 W/kg
Maximum value of SAR (measured) = 0.587 W/kg



0 dB = 0.587W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/16/2015 05:32:07 PM

76_LTE Band 2 CH18900_QPSK_BW 20M_50 RB Size 0 RB Offset_side 1_10mm

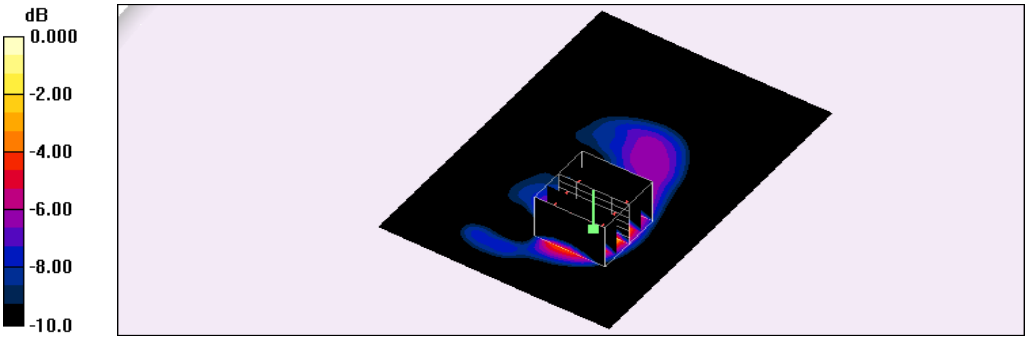
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.45 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.630 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.0 V/m; Power Drift = -0.031 dB
Peak SAR (extrapolated) = 0.775 W/kg
SAR(1 g) = 0.473 W/kg; SAR(10 g) = 0.276 W/kg
Maximum value of SAR (measured) = 0.633 W/kg



0 dB = 0.633W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/16/2015 06:07:11 PM

77_LTE Band 2 CH18900_QPSK_BW 20M_50 RB Size 0 RB Offset_side 2_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

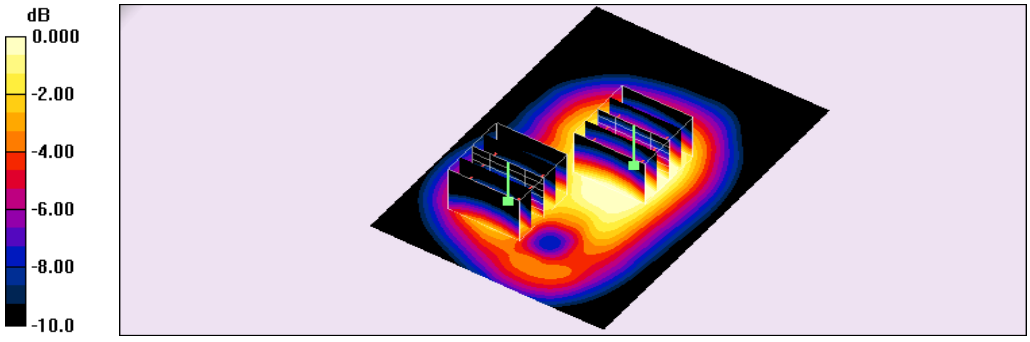
Communication System: Generic LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.45 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 24.0 V/m; Power Drift = -0.074 dB
Peak SAR (extrapolated) = 0.987 W/kg
SAR(1 g) = 0.642 W/kg; SAR(10 g) = 0.400 W/kg
Maximum value of SAR (measured) = 0.825 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.0 V/m; Power Drift = -0.074 dB
Peak SAR (extrapolated) = 0.714 W/kg
SAR(1 g) = 0.430 W/kg; SAR(10 g) = 0.247 W/kg
Maximum value of SAR (measured) = 0.580 W/kg



0 dB = 0.580W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/16/2015 06:29:01 PM

78_LTE Band 2 CH18900_QPSK_BW 20M_50 RB Size 0 RB Offset_side 3_10mm

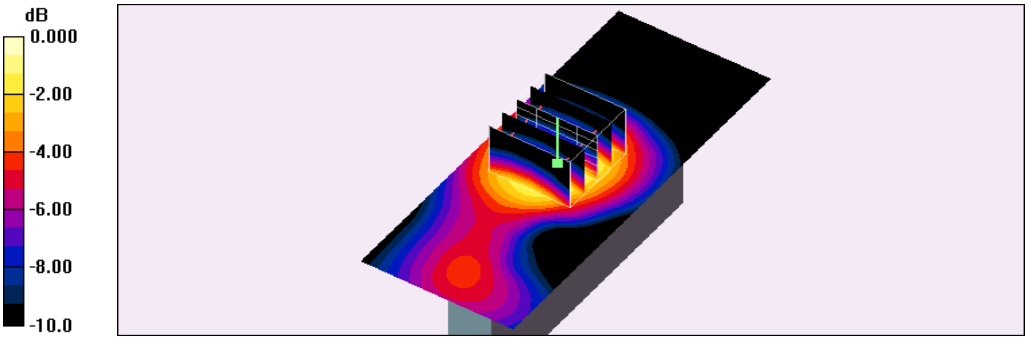
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.45 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.386 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.1 V/m; Power Drift = 0.099 dB
Peak SAR (extrapolated) = 0.467 W/kg
SAR(1 g) = 0.295 W/kg; SAR(10 g) = 0.178 W/kg
Maximum value of SAR (measured) = 0.386 W/kg



0 dB = 0.386W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/16/2015 07:12:37 PM

79_LTE Band 2 CH18900_QPSK_BW 20M_50 RB Size 0 RB Offset_side 4_10mm

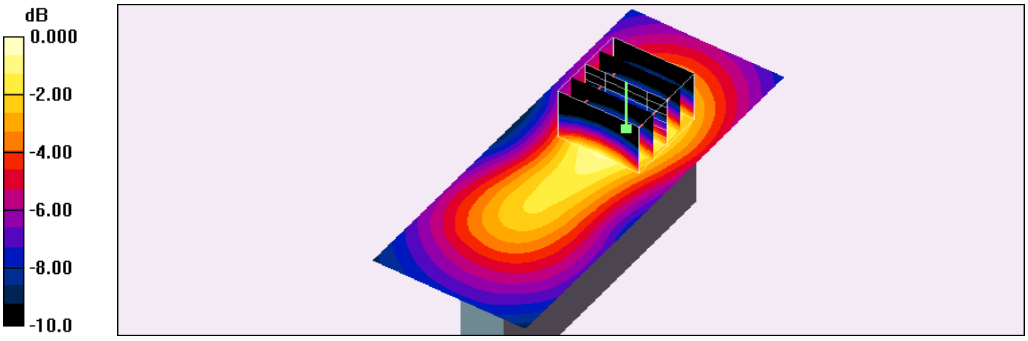
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.45 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.361 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.8 V/m; Power Drift = -0.014 dB
Peak SAR (extrapolated) = 0.431 W/kg
SAR(1 g) = 0.267 W/kg; SAR(10 g) = 0.161 W/kg
Maximum value of SAR (measured) = 0.353 W/kg



0 dB = 0.353W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/16/2015 07:47:28 PM

80_LTE Band 2 CH18900_QPSK_BW 20M_50 RB Size 0 RB Offset_side 5_10mm

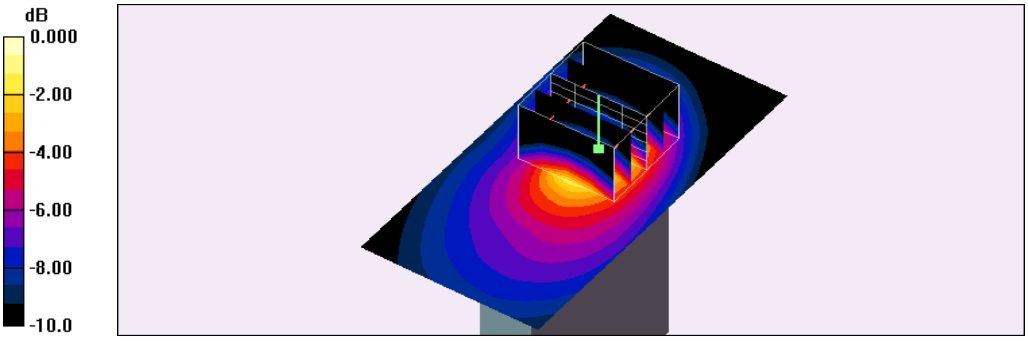
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.45 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.547 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.5 V/m; Power Drift = 0.069 dB
Peak SAR (extrapolated) = 0.674 W/kg
SAR(1 g) = 0.407 W/kg; SAR(10 g) = 0.224 W/kg
Maximum value of SAR (measured) = 0.552 W/kg



0 dB = 0.552W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/16/2015 09:21:36 PM

194_LTE Band 2 CH19100_QPSK_BW 20M_100 RB Size 0 RB Offset_side 2_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

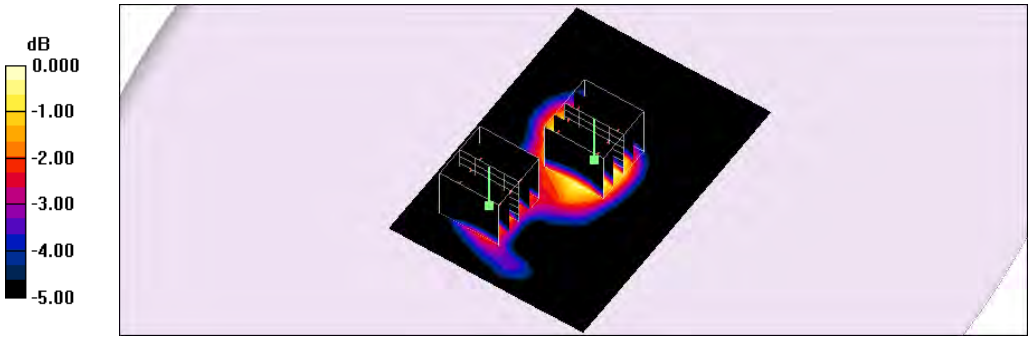
Communication System: Generic LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.47 mho/m; ε_r = 52; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 25.1 V/m; Power Drift = -0.135 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.735 W/kg; SAR(10 g) = 0.465 W/kg
Maximum value of SAR (measured) = 0.935 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.1 V/m; Power Drift = -0.135 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.645 W/kg; SAR(10 g) = 0.367 W/kg
Maximum value of SAR (measured) = 0.871 W/kg



0 dB = 0.871W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/17/2015 10:26:30 AM

36_LTE Band 4 CH20050_QPSK_BW 20M_1 RB Size 0 RB Offset_side 1_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

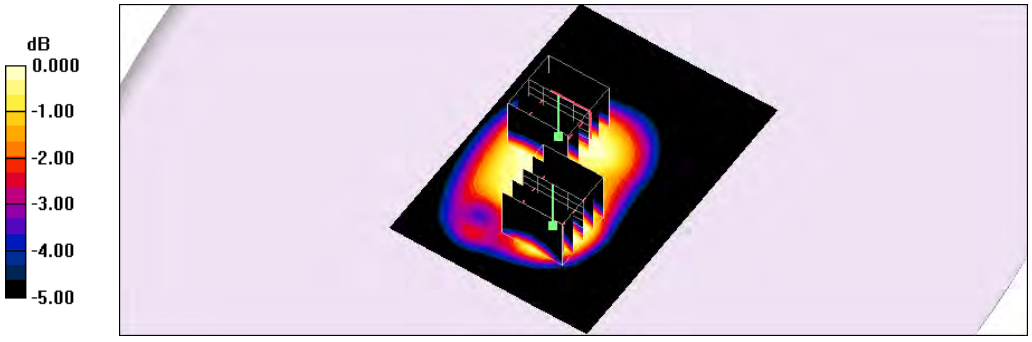
Communication System: Generic LTE; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1720 MHz; σ = 1.49 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.29 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.6 V/m; Power Drift = -0.049 dB
Peak SAR (extrapolated) = 1.58 W/kg
SAR(1 g) = 0.976 W/kg; SAR(10 g) = 0.563 W/kg
Maximum value of SAR (measured) = 1.30 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.6 V/m; Power Drift = -0.049 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.689 W/kg; SAR(10 g) = 0.461 W/kg
Maximum value of SAR (measured) = 0.853 W/kg



0 dB = 0.853W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/17/2015 11:38:53 AM

35_LTE Band 4 CH20175_QPSK_BW 20M_1 RB Size 0 RB Offset_side 1_10mm

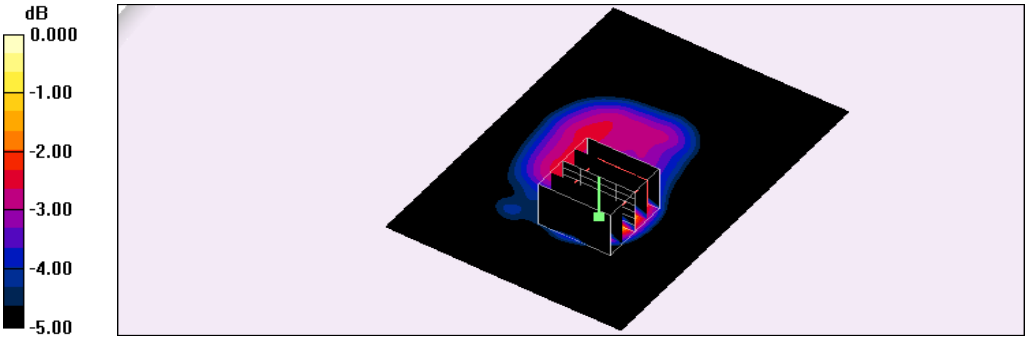
DUT: AC810S-300; Type: Hot Spot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1732.5 MHz; σ = 1.5 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.40 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.0 V/m; Power Drift = -0.165 dB
Peak SAR (extrapolated) = 1.72 W/kg
SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.614 W/kg
Maximum value of SAR (measured) = 1.41 W/kg



0 dB = 1.41W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/17/2015 10:59:01 AM

37_LTE Band 4 CH20300_QPSK_BW 20M_1 RB Size 0 RB Offset_side 1_10mm

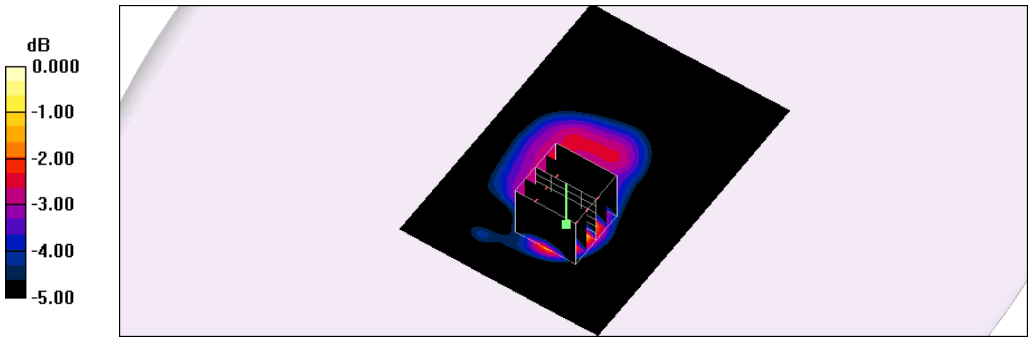
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.52 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.26 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.3 V/m; Power Drift = -0.010 dB
Peak SAR (extrapolated) = 1.56 W/kg
SAR(1 g) = 0.959 W/kg; SAR(10 g) = 0.553 W/kg
Maximum value of SAR (measured) = 1.26 W/kg



0 dB = 1.26W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/17/2015 12:21:16 PM

39_LTE Band 4 CH20050_QPSK_BW 20M_1 RB Size 0 RB Offset_side 2_10mm

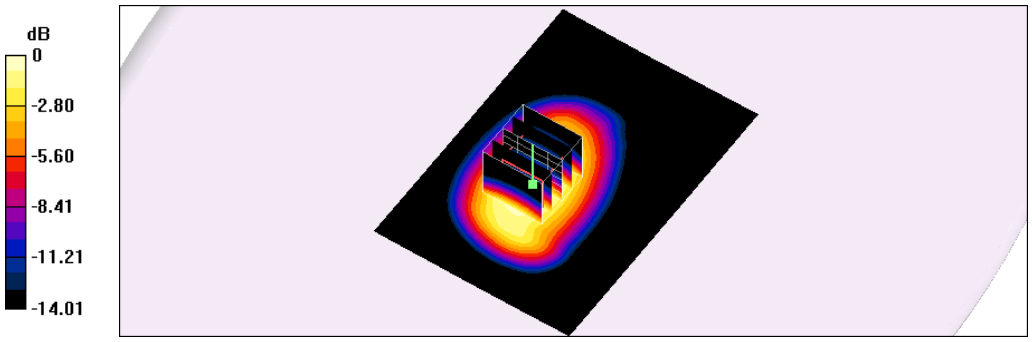
DUT: AC810S-300;Type: Hot Spot;Serial: 351639070006457

Communication System:Generic LTE;Frequency: 1720 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1720 MHz; σ = 1.49 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2/3/2015
- Phantom: ELI 4.0;Type: QDOVA001BB;Serial:1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.46 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.87 V/m; Power Drift = -0.012 dB
Peak SAR (extrapolated) = 1.63 W/kg
SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.741 W/kg
Maximum value of SAR (measured) = 1.39 W/kg



0 dB = 1.39 W/kg = 1.43 dBW/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/17/2015 12:57:37 PM

38_LTE Band 4 CH20175_QPSK_BW 20M_1 RB Size 0 RB Offset_side 2_10mm

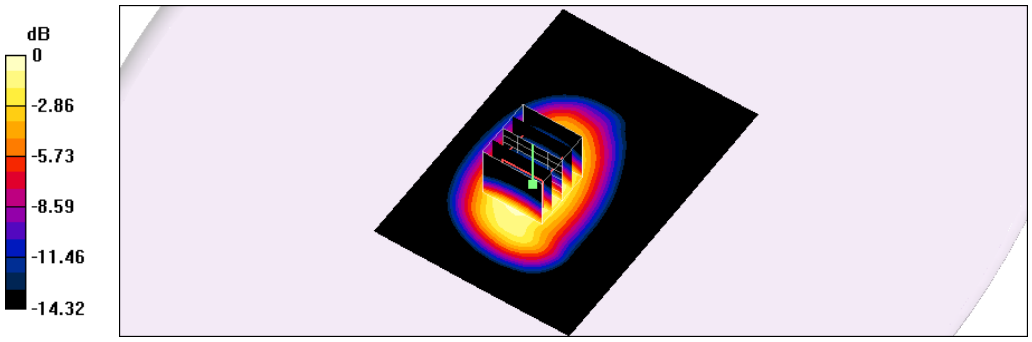
DUT: AC810S-300;Type: Hot Spot;Serial: 351639070006457

Communication System:Generic LTE;Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1732.5 MHz; σ = 1.5 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2/3/2015
- Phantom: ELI 4.0;Type: QDOVA001BB;Serial:1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.52 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.85 V/m; Power Drift = -0.019 dB
Peak SAR (extrapolated) = 1.63 W/kg
SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.732 W/kg
Maximum value of SAR (measured) = 1.40 W/kg



0 dB = 1.40 W/kg = 1.46 dBW/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/17/2015 01:34:51 PM

40_LTE Band 4 CH20300_QPSK_BW 20M_1 RB Size 0 RB Offset_side 2_10mm

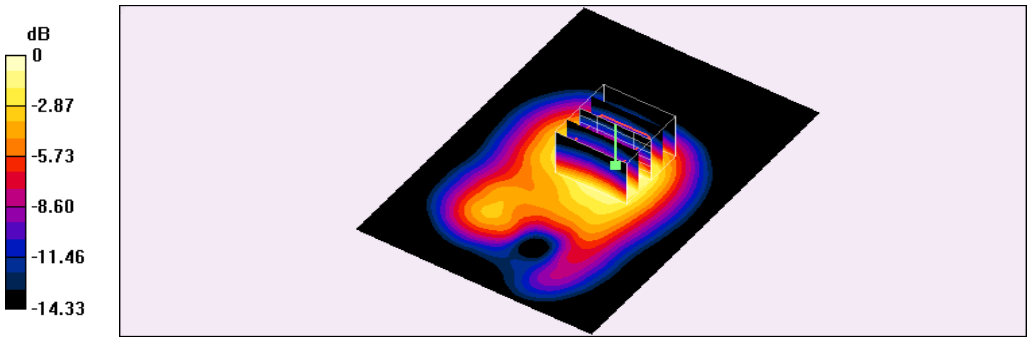
DUT: AC810S-300;Type: Hot Spot;Serial: 351639070006457

Communication System:Generic LTE;Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.52 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541;Calibrated: 2/3/2015
- Phantom: ELI 4.0;Type: QDOVA001BB;Serial:1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.35 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.69 V/m; Power Drift = 0.011 dB
Peak SAR (extrapolated) = 1.53 W/kg
SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.685 W/kg
Maximum value of SAR (measured) = 1.31 W/kg



0 dB = 1.31 W/kg = 1.17 dBW/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/17/2015 02:16:11 PM

41_LTE Band 4 CH20175_QPSK_BW 20M_1 RB Size 0 RB Offset_side 3_10mm

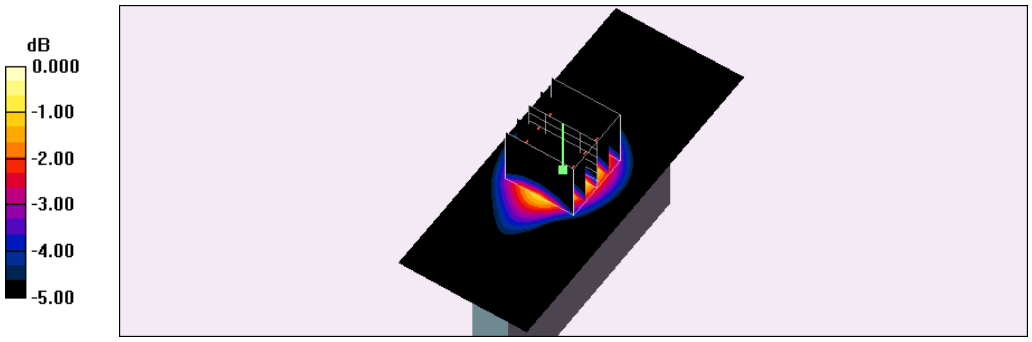
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1732.5 MHz; σ = 1.5 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.955 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.1 V/m; Power Drift = -0.125 dB
Peak SAR (extrapolated) = 1.08 W/kg
SAR(1 g) = 0.700 W/kg; SAR(10 g) = 0.432 W/kg
Maximum value of SAR (measured) = 0.905 W/kg



0 dB = 0.905W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/17/2015 02:44:25 PM

42_LTE Band 4 CH20175_QPSK_BW 20M_1 RB Size 0 RB Offset_side 4_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

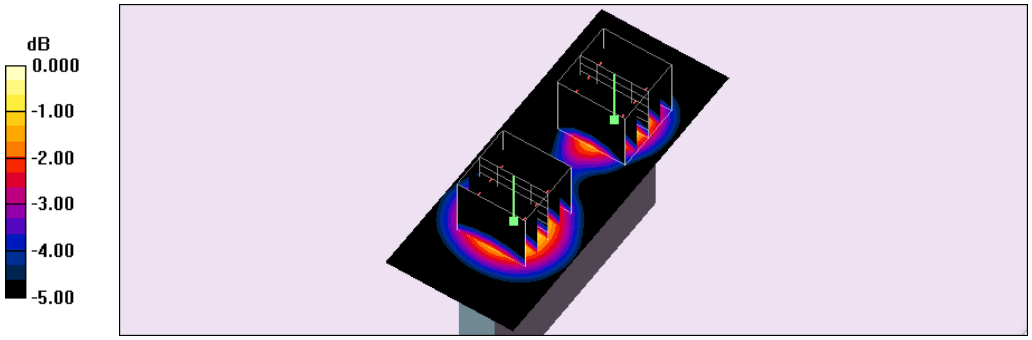
Communication System: Generic LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1732.5 MHz; σ = 1.5 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.751 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.0 V/m; Power Drift = -0.060 dB
Peak SAR (extrapolated) = 0.871 W/kg
SAR(1 g) = 0.551 W/kg; SAR(10 g) = 0.326 W/kg
Maximum value of SAR (measured) = 0.724 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.0 V/m; Power Drift = -0.060 dB
Peak SAR (extrapolated) = 0.829 W/kg
SAR(1 g) = 0.536 W/kg; SAR(10 g) = 0.334 W/kg
Maximum value of SAR (measured) = 0.694 W/kg



0 dB = 0.694W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/17/2015 03:16:25 PM

43_LTE Band 4 CH20175_QPSK_BW 20M_1 RB Size 0 RB Offset_side 5_10mm

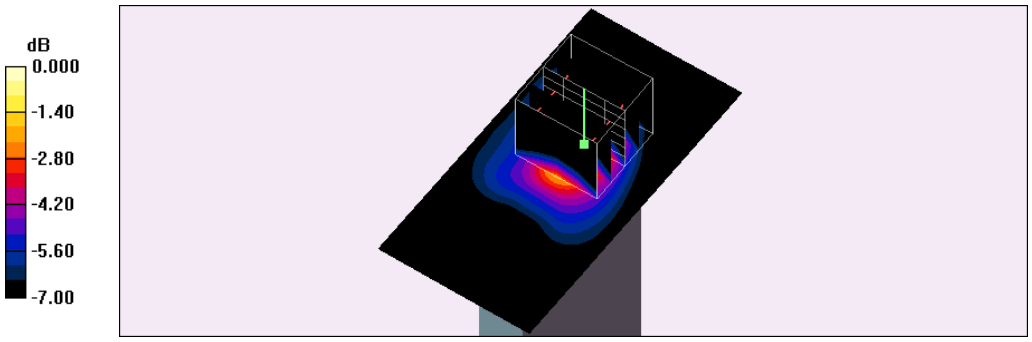
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1732.5 MHz; σ = 1.5 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.582 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.1 V/m; Power Drift = 0.016 dB
Peak SAR (extrapolated) = 0.686 W/kg
SAR(1 g) = 0.428 W/kg; SAR(10 g) = 0.238 W/kg
Maximum value of SAR (measured) = 0.580 W/kg



0 dB = 0.580W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/17/2015 03:57:46 PM

82_LTE Band 4 CH20050_QPSK_BW 20M_50 RB Size 0 RB Offset_side 1_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

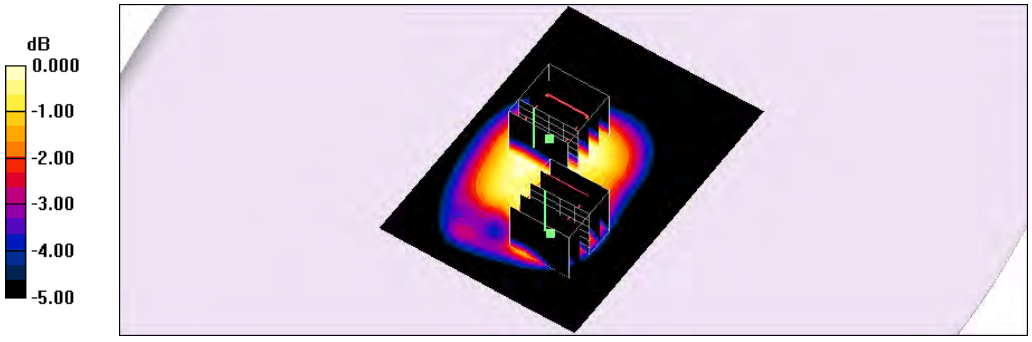
Communication System: Generic LTE; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1720 MHz; σ = 1.49 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.08 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.3 V/m; Power Drift = -0.011 dB
Peak SAR (extrapolated) = 1.37 W/kg
SAR(1 g) = 0.839 W/kg; SAR(10 g) = 0.487 W/kg
Maximum value of SAR (measured) = 1.12 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.3 V/m; Power Drift = -0.011 dB
Peak SAR (extrapolated) = 0.887 W/kg
SAR(1 g) = 0.596 W/kg; SAR(10 g) = 0.399 W/kg
Maximum value of SAR (measured) = 0.743 W/kg



0 dB = 0.743W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/17/2015 04:28:03 PM

81_LTE Band 4 CH20175_QPSK_BW 20M_50 RB Size 0 RB Offset_side 1_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

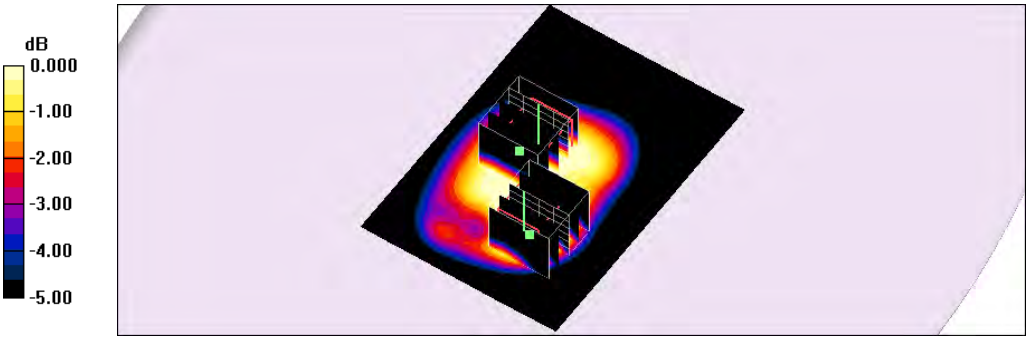
Communication System: Generic LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1732.5 MHz; σ = 1.5 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 26.1 V/m; Power Drift = -0.155 dB
Peak SAR (extrapolated) = 1.28 W/kg
SAR(1 g) = 0.785 W/kg; SAR(10 g) = 0.457 W/kg
Maximum value of SAR (measured) = 1.04 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.1 V/m; Power Drift = -0.155 dB
Peak SAR (extrapolated) = 0.762 W/kg
SAR(1 g) = 0.514 W/kg; SAR(10 g) = 0.345 W/kg
Maximum value of SAR (measured) = 0.634 W/kg



0 dB = 0.634W/kg

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Test Laboratory: A Test Lab Techno Corp.

Date/Time: 7/17/2015 04:51:17 PM

83_LTE Band 4 CH20300_QPSK_BW 20M_50 RB Size 0 RB Offset_side 1_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 1745 MHz;Duty Cycle: 1:1

Medium parameters used: f = 1745 MHz; σ = 1.52 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.989 W/kg

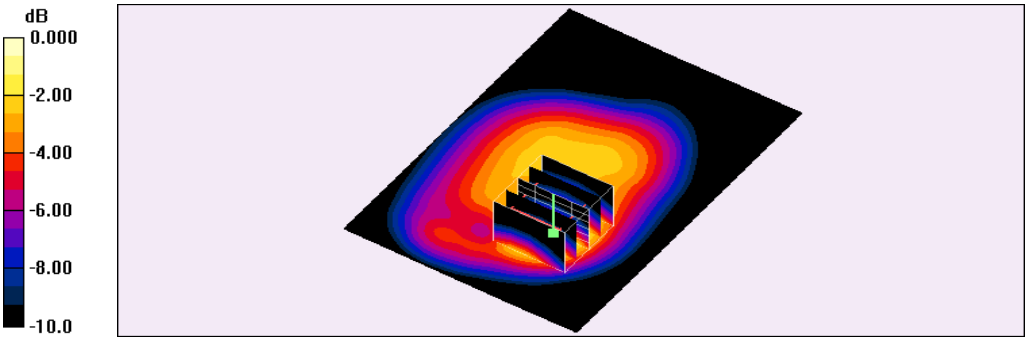
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.5 V/m; Power Drift = -0.071 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.755 W/kg; SAR(10 g) = 0.441 W/kg

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



0 dB = 0.991W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/17/2015 05:38:25 PM

85_LTE Band 4 CH20050_QPSK_BW 20M_50 RB Size 0 RB Offset_side 2_10mm

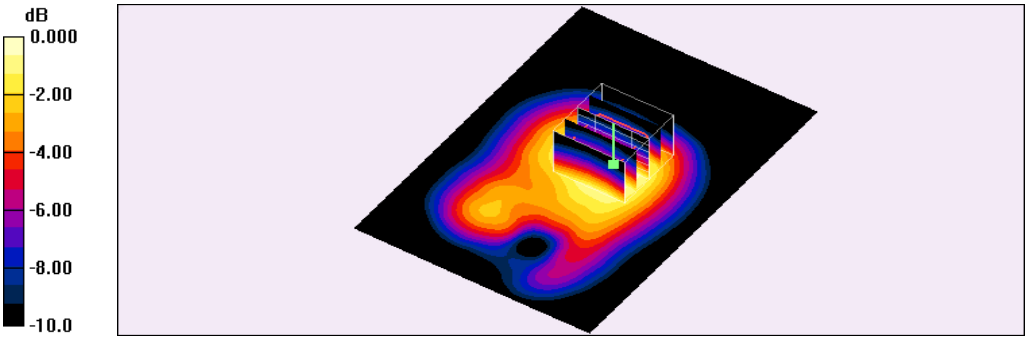
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1720 MHz; σ = 1.49 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 28.8 V/m; Power Drift = -0.005 dB
Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 0.993 W/kg; SAR(10 g) = 0.648 W/kg
Maximum value of SAR (measured) = 1.24 W/kg



0 dB = 1.24W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/17/2015 06:02:05 PM

84_LTE Band 4 CH20175_QPSK_BW 20M_50 RB Size 0 RB Offset_side 2_10mm

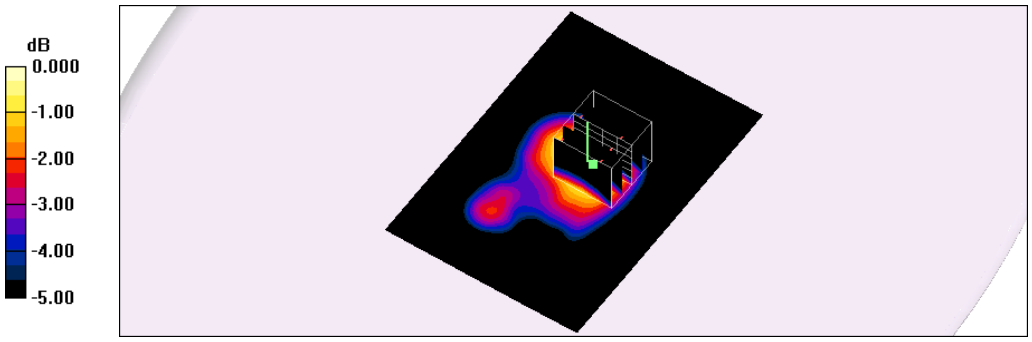
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1732.5 MHz; σ = 1.5 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.37 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.0 V/m; Power Drift = 0.023 dB
Peak SAR (extrapolated) = 1.53 W/kg
SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.678 W/kg
Maximum value of SAR (measured) = 1.29 W/kg



0 dB = 1.29W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/17/2015 06:40:24 PM

86_LTE Band 4 CH20300_QPSK_BW 20M_50 RB Size 0 RB Offset_side 2_10mm

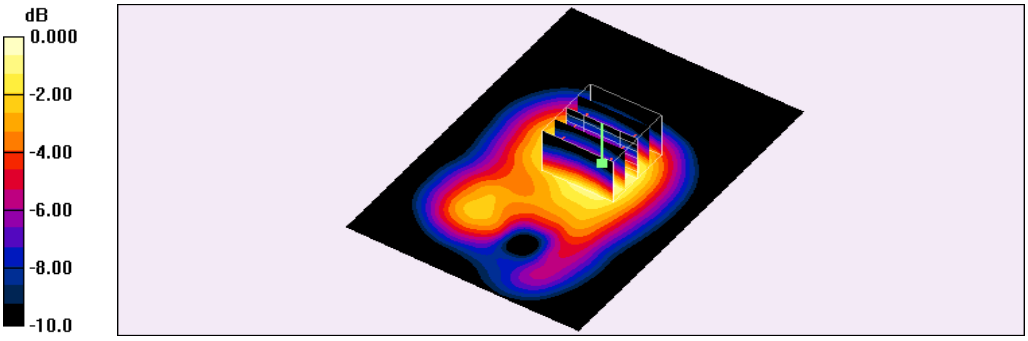
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.52 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 26.8 V/m; Power Drift = -0.011 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.889 W/kg; SAR(10 g) = 0.576 W/kg
Maximum value of SAR (measured) = 1.12 W/kg



0 dB = 1.12W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/17/2015 07:19:37 PM

87_LTE Band 4 CH20175_QPSK_BW 20M_50 RB Size 0 RB Offset_side 3_10mm

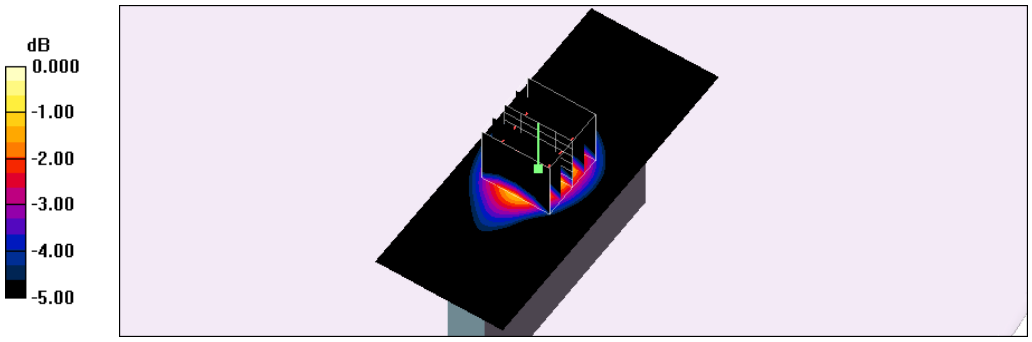
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1732.5 MHz; σ = 1.5 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.703 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.9 V/m; Power Drift = 0.003 dB
Peak SAR (extrapolated) = 0.841 W/kg
SAR(1 g) = 0.543 W/kg; SAR(10 g) = 0.334 W/kg
Maximum value of SAR (measured) = 0.705 W/kg



0 dB = 0.705W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/17/2015 07:52:44 PM

88_LTE Band 4 CH20175_QPSK_BW 20M_50 RB Size 0 RB Offset_side 4_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

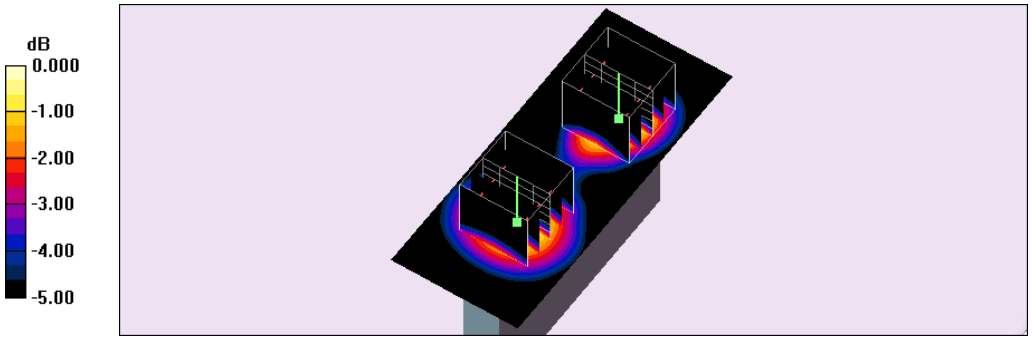
Communication System: Generic LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1732.5 MHz; σ = 1.5 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 20.1 V/m; Power Drift = -0.029 dB
Peak SAR (extrapolated) = 0.728 W/kg
SAR(1 g) = 0.461 W/kg; SAR(10 g) = 0.273 W/kg
Maximum value of SAR (measured) = 0.606 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.1 V/m; Power Drift = -0.029 dB
Peak SAR (extrapolated) = 0.659 W/kg
SAR(1 g) = 0.426 W/kg; SAR(10 g) = 0.265 W/kg
Maximum value of SAR (measured) = 0.551 W/kg



0 dB = 0.551W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/17/2015 08:17:34 PM

89_LTE Band 4 CH20175_QPSK_BW 20M_50 RB Size 0 RB Offset_side 5_10mm

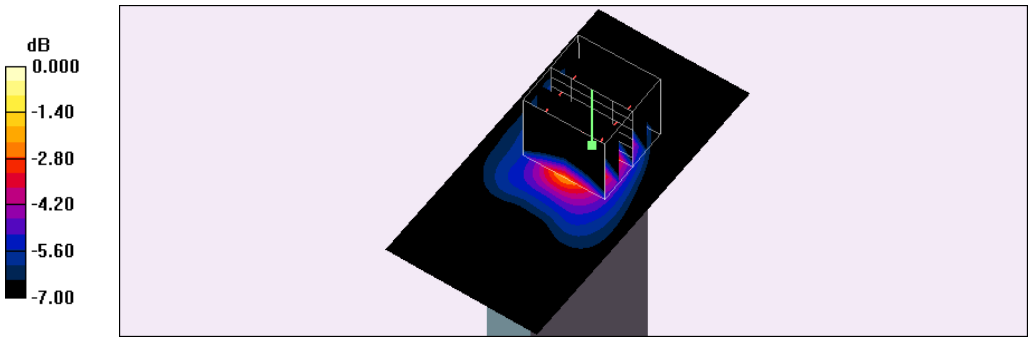
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1732.5 MHz; σ = 1.5 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
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 = 17.8 V/m; Power Drift = 0.000 dB
Peak SAR (extrapolated) = 0.542 W/kg
SAR(1 g) = 0.335 W/kg; SAR(10 g) = 0.186 W/kg
Maximum value of SAR (measured) = 0.458 W/kg



0 dB = 0.458W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/17/2015 08:53:01 PM

198_LTE Band 4 CH20175_QPSK_BW 20M_100 RB Size 0 RB Offset_side 1_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

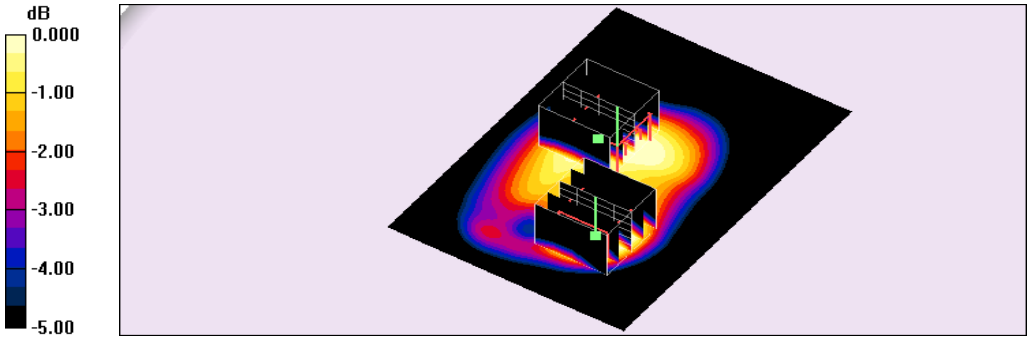
Communication System: Generic LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1732.5 MHz; σ = 1.5 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 24.3 V/m; Power Drift = -0.055 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.729 W/kg; SAR(10 g) = 0.416 W/kg
Maximum value of SAR (measured) = 0.981 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.3 V/m; Power Drift = -0.055 dB
Peak SAR (extrapolated) = 0.780 W/kg
SAR(1 g) = 0.526 W/kg; SAR(10 g) = 0.347 W/kg
Maximum value of SAR (measured) = 0.653 W/kg



0 dB = 0.653W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/17/2015 09:25:37 PM

199_LTE Band 4 CH20175_QPSK_BW 20M_100 RB Size 0 RB Offset_side 2_10mm

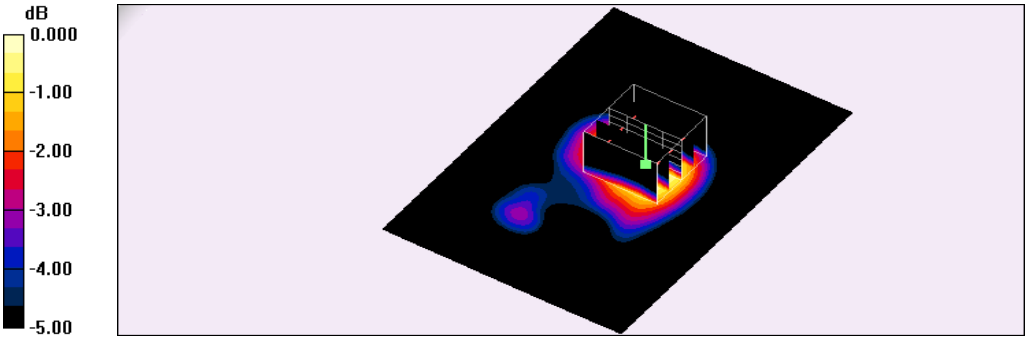
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1732.5 MHz; σ = 1.5 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.29 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.7 V/m; Power Drift = -0.010 dB
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 0.986 W/kg; SAR(10 g) = 0.627 W/kg
Maximum value of SAR (measured) = 1.24 W/kg



0 dB = 1.24W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/30/2015 12:04:21 AM

105_LTE Band 5 CH20450_QPSK_BW 10M_1 RB Size 0 RB Offset_side 1_10mm

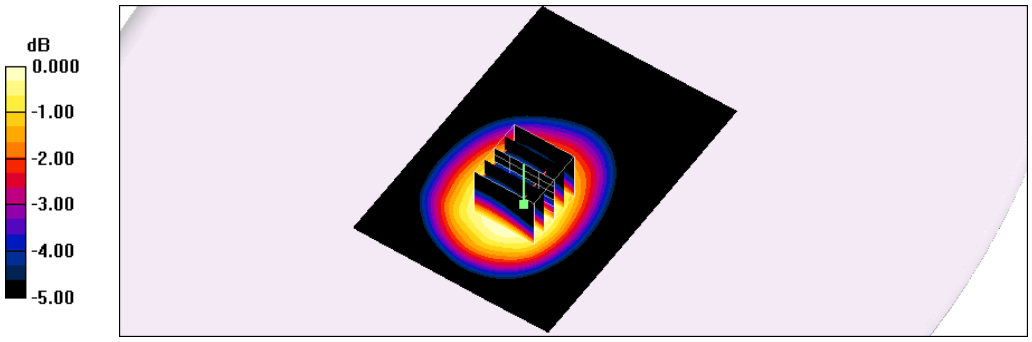
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 829 MHz;Duty Cycle: 1:1
Medium parameters used: f = 829 MHz; σ = 0.991 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.811 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.0 V/m; Power Drift = -0.126 dB
Peak SAR (extrapolated) = 0.854 W/kg
SAR(1 g) = 0.656 W/kg; SAR(10 g) = 0.495 W/kg
Maximum value of SAR (measured) = 0.763 W/kg



0 dB = 0.763W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/29/2015 08:00:17 PM

104_LTE Band 5 CH20525_QPSK_BW 10M_1 RB Size 0 RB Offset_side 1_10mm

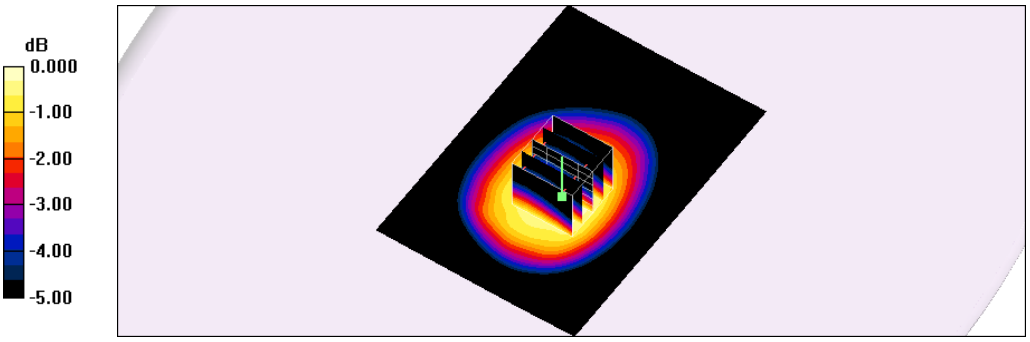
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.5 MHz; σ = 1 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 32.0 V/m; Power Drift = 0.008 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.859 W/kg; SAR(10 g) = 0.648 W/kg
Maximum value of SAR (measured) = 1.00 W/kg



0 dB = 1.00W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/30/2015 12:20:13 AM

106_LTE Band 5 CH20600_QPSK_BW 10M_1 RB Size 0 RB Offset_side 1_10mm

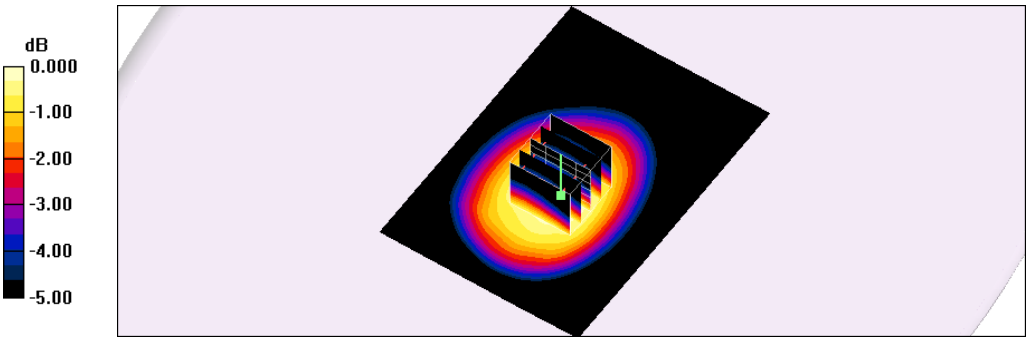
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium parameters used: f = 844 MHz; σ = 1.01 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 32.5 V/m; Power Drift = -0.065 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.894 W/kg; SAR(10 g) = 0.675 W/kg
Maximum value of SAR (measured) = 1.03 W/kg



0 dB = 1.03W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/30/2015 01:40:46 AM

108_LTE Band 5 CH20450_QPSK_BW 10M_1 RB Size 0 RB Offset_side 2_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

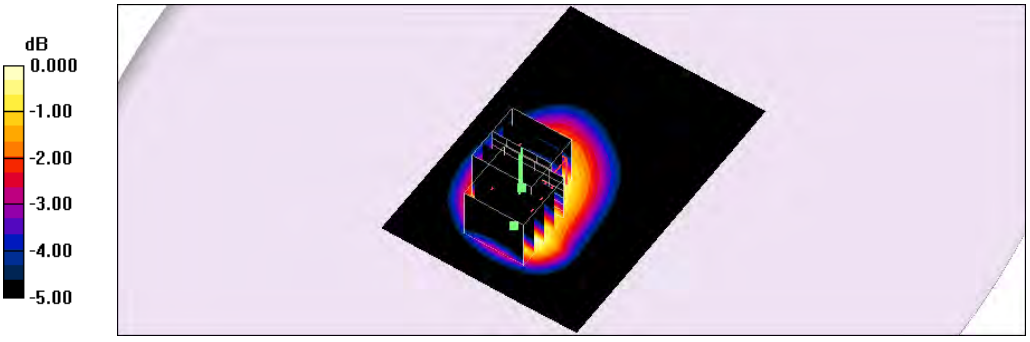
Communication System: Generic LTE; Frequency: 829 MHz;Duty Cycle: 1:1
Medium parameters used: f = 829 MHz; σ = 0.991 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 31.4 V/m; Power Drift = -0.107 dB
Peak SAR (extrapolated) = 1.08 W/kg
SAR(1 g) = 0.782 W/kg; SAR(10 g) = 0.558 W/kg
Maximum value of SAR (measured) = 0.950 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.4 V/m; Power Drift = -0.107 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.801 W/kg; SAR(10 g) = 0.591 W/kg
Maximum value of SAR (measured) = 0.942 W/kg



0 dB = 0.942W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/29/2015 09:05:30 PM

107_LTE Band 5 CH20525_QPSK_BW 10M_1 RB Size 0 RB Offset_side 2_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

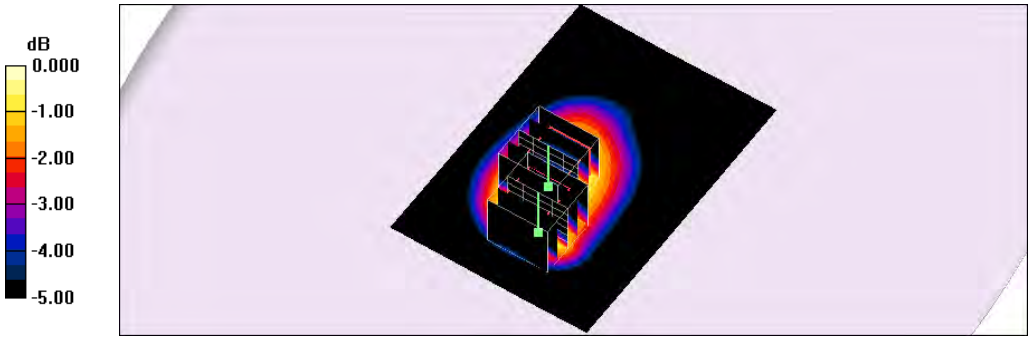
Communication System: Generic LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.5 MHz; σ = 1 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 34.6 V/m; Power Drift = 0.035 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.907 W/kg; SAR(10 g) = 0.643 W/kg
Maximum value of SAR (measured) = 1.12 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 34.6 V/m; Power Drift = 0.035 dB
Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 0.992 W/kg; SAR(10 g) = 0.735 W/kg
Maximum value of SAR (measured) = 1.15 W/kg



0 dB = 1.15W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/30/2015 02:03:04 AM

109_LTE Band 5 CH20600_QPSK_BW 10M_1 RB Size 0 RB Offset_side 2_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

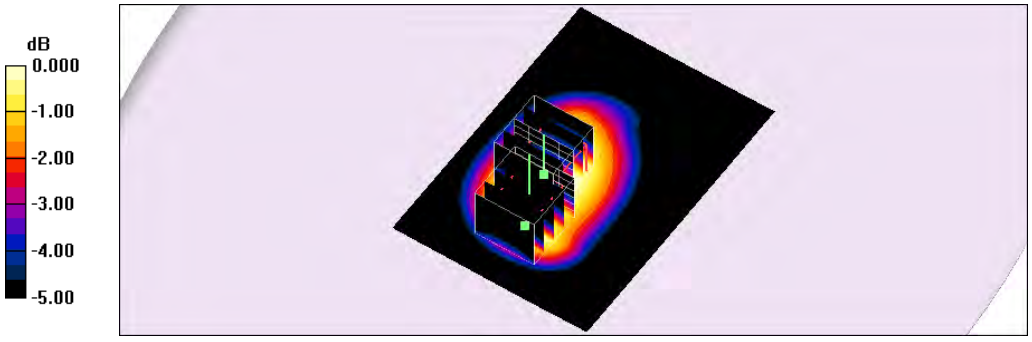
Communication System: Generic LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium parameters used: f = 844 MHz; σ = 1.01 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 36.7 V/m; Power Drift = -0.045 dB
Peak SAR (extrapolated) = 1.46 W/kg
SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.838 W/kg
Maximum value of SAR (measured) = 1.31 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 36.7 V/m; Power Drift = -0.045 dB
Peak SAR (extrapolated) = 1.39 W/kg
SAR(1 g) = 0.987 W/kg; SAR(10 g) = 0.696 W/kg
Maximum value of SAR (measured) = 1.24 W/kg



0 dB = 1.24W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/30/2015 09:41:38 AM

110_LTE Band 5 CH20525_QPSK_BW 10M_1 RB Size 0 RB Offset_side 3_10mm

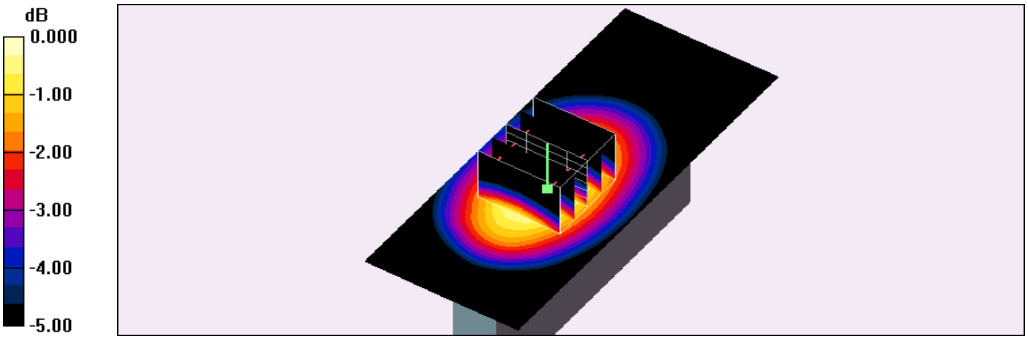
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.5 MHz; σ = 1 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.556 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.8 V/m; Power Drift = -0.023 dB
Peak SAR (extrapolated) = 0.631 W/kg
SAR(1 g) = 0.455 W/kg; SAR(10 g) = 0.321 W/kg
Maximum value of SAR (measured) = 0.554 W/kg



0 dB = 0.554W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/30/2015 10:16:23 AM

111_LTE Band 5 CH20525_QPSK_BW 10M_1 RB Size 0 RB Offset_side 4_10mm

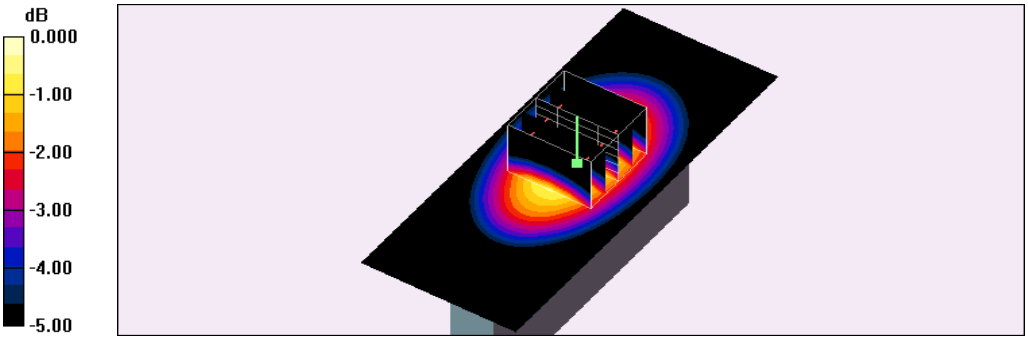
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.5 MHz; σ = 1 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.416 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.8 V/m; Power Drift = 0.040 dB
Peak SAR (extrapolated) = 0.488 W/kg
SAR(1 g) = 0.345 W/kg; SAR(10 g) = 0.238 W/kg
Maximum value of SAR (measured) = 0.425 W/kg



0 dB = 0.425W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/30/2015 10:59:30 AM

112_LTE Band 5 CH20525_QPSK_BW 10M_1 RB Size 0 RB Offset_side 5_10mm

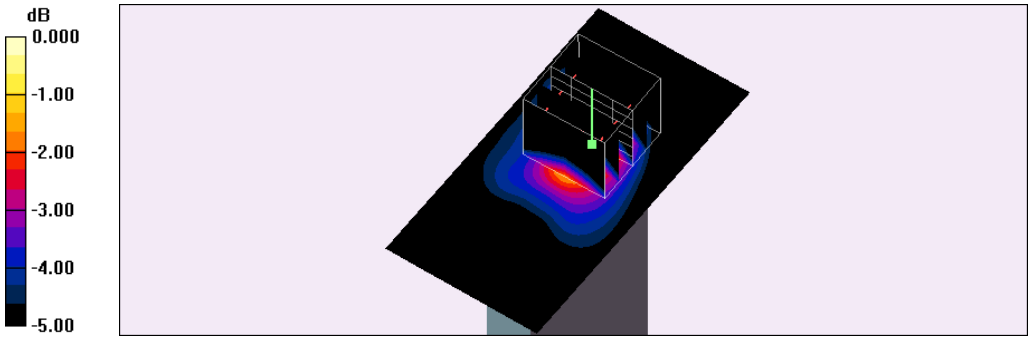
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.5 MHz; σ = 1 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.127 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.3 V/m; Power Drift = 0.025 dB
Peak SAR (extrapolated) = 0.149 W/kg
SAR(1 g) = 0.102 W/kg; SAR(10 g) = 0.068 W/kg
Maximum value of SAR (measured) = 0.127 W/kg



0 dB = 0.127W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/30/2015 12:52:15 AM

114_LTE Band 5 CH20450_QPSK_BW 10M_25 RB Size 0 RB Offset_side 1_10mm

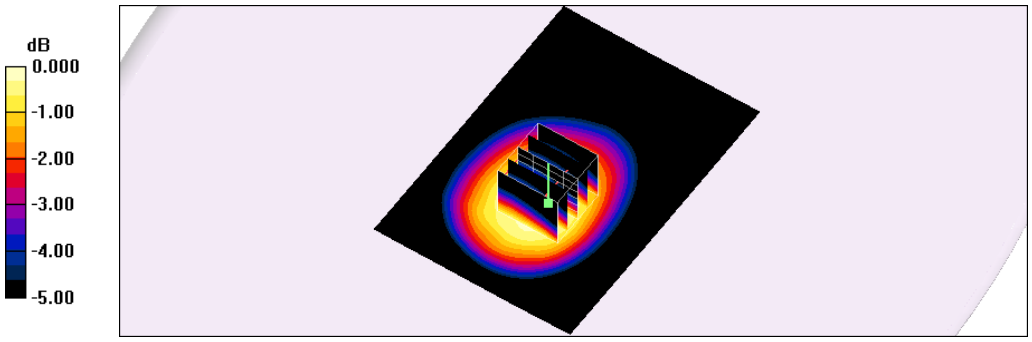
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 829 MHz;Duty Cycle: 1:1
Medium parameters used: f = 829 MHz; σ = 0.991 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.536 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.1 V/m; Power Drift = 0.006 dB
Peak SAR (extrapolated) = 0.586 W/kg
SAR(1 g) = 0.454 W/kg; SAR(10 g) = 0.343 W/kg
Maximum value of SAR (measured) = 0.526 W/kg



0 dB = 0.526W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/29/2015 08:34:46 PM

113_LTE Band 5 CH20525_QPSK_BW 10M_25 RB Size 0 RB Offset_side 1_10mm

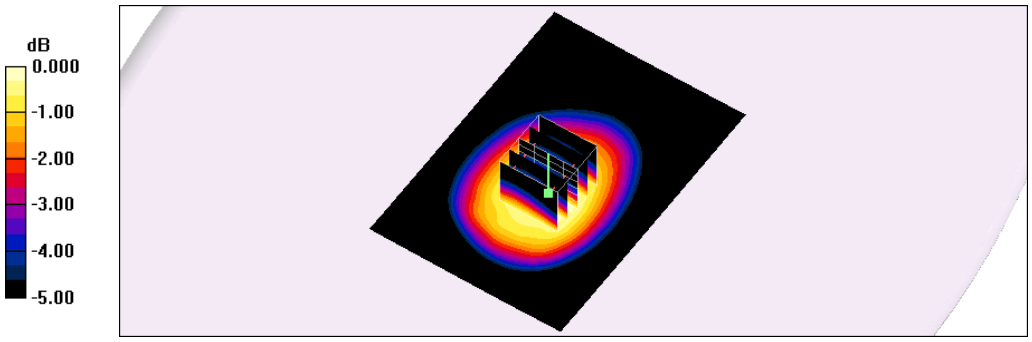
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.5 MHz; σ = 1 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.939 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.0 V/m; Power Drift = -0.025 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.802 W/kg; SAR(10 g) = 0.605 W/kg
Maximum value of SAR (measured) = 0.932 W/kg



0 dB = 0.932W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/30/2015 12:36:06 AM

115_LTE Band 5 CH20600_QPSK_BW 10M_25 RB Size 0 RB Offset_side 1_10mm

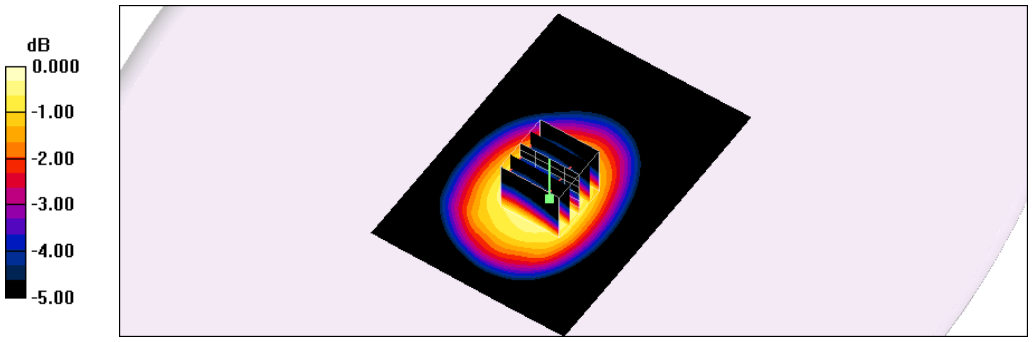
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium parameters used: f = 844 MHz; σ = 1.01 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.702 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.5 V/m; Power Drift = -0.022 dB
Peak SAR (extrapolated) = 0.761 W/kg
SAR(1 g) = 0.594 W/kg; SAR(10 g) = 0.449 W/kg
Maximum value of SAR (measured) = 0.685 W/kg



0 dB = 0.685W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/30/2015 01:11:41 AM

117_LTE Band 5 CH20450_QPSK_BW 10M_25 RB Size 0 RB Offset_side 2_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

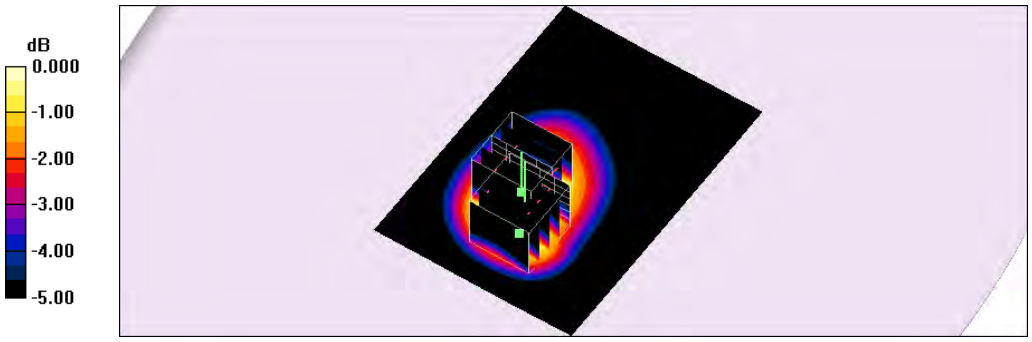
Communication System: Generic LTE; Frequency: 829 MHz;Duty Cycle: 1:1
Medium parameters used: f = 829 MHz; σ = 0.991 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.718 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.6 V/m; Power Drift = -0.035 dB
Peak SAR (extrapolated) = 0.783 W/kg
SAR(1 g) = 0.571 W/kg; SAR(10 g) = 0.407 W/kg
Maximum value of SAR (measured) = 0.687 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.6 V/m; Power Drift = -0.035 dB
Peak SAR (extrapolated) = 0.776 W/kg
SAR(1 g) = 0.584 W/kg; SAR(10 g) = 0.431 W/kg



0 dB = 0.687W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/29/2015 09:38:50 PM

116_LTE Band 5 CH20525_QPSK_BW 10M_25 RB Size 0 RB Offset_side 2_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

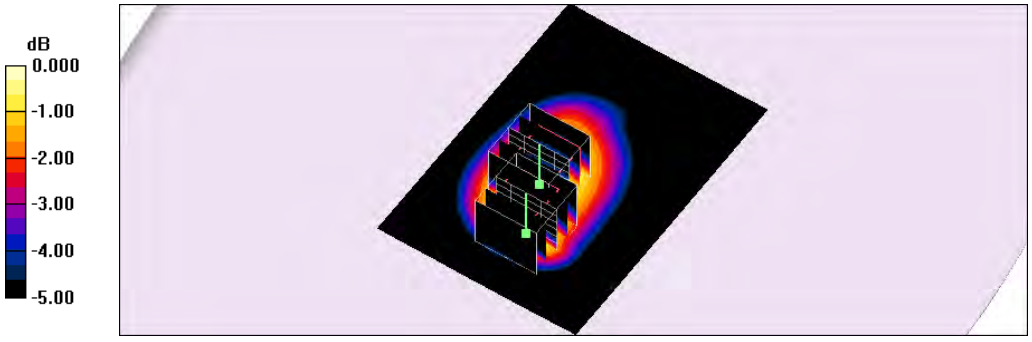
Communication System: Generic LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.5 MHz; σ = 1 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.13 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 34.2 V/m; Power Drift = 0.018 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.864 W/kg; SAR(10 g) = 0.611 W/kg
Maximum value of SAR (measured) = 1.07 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 34.2 V/m; Power Drift = 0.018 dB
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.962 W/kg; SAR(10 g) = 0.712 W/kg
Maximum value of SAR (measured) = 1.13 W/kg



0 dB = 1.13W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/30/2015 02:24:44 AM

118_LTE Band 5 CH20600_QPSK_BW 10M_25 RB Size 0 RB Offset_side 2_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

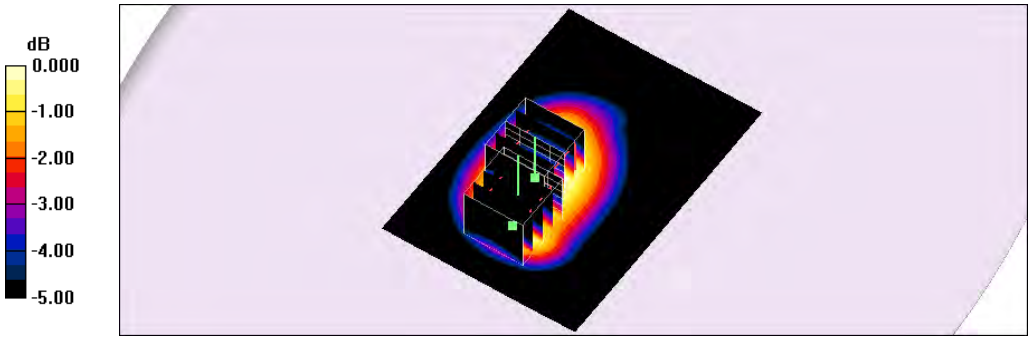
Communication System: Generic LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium parameters used: f = 844 MHz; σ = 1.01 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 30.1 V/m; Power Drift = 0.026 dB
Peak SAR (extrapolated) = 0.984 W/kg
SAR(1 g) = 0.759 W/kg; SAR(10 g) = 0.564 W/kg
Maximum value of SAR (measured) = 0.886 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.1 V/m; Power Drift = 0.026 dB
Peak SAR (extrapolated) = 0.942 W/kg
SAR(1 g) = 0.665 W/kg; SAR(10 g) = 0.468 W/kg
Maximum value of SAR (measured) = 0.836 W/kg



0 dB = 0.836W/kg

Test Laboratory: A Test Lab Techno Corp.

Date/Time: 7/30/2015 10:00:34 AM

119_LTE Band 5 CH20525_QPSK_BW 10M_25 RB Size 0 RB Offset_side 3_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1

Medium parameters used: f = 836.5 MHz; σ = 1 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.465 W/kg

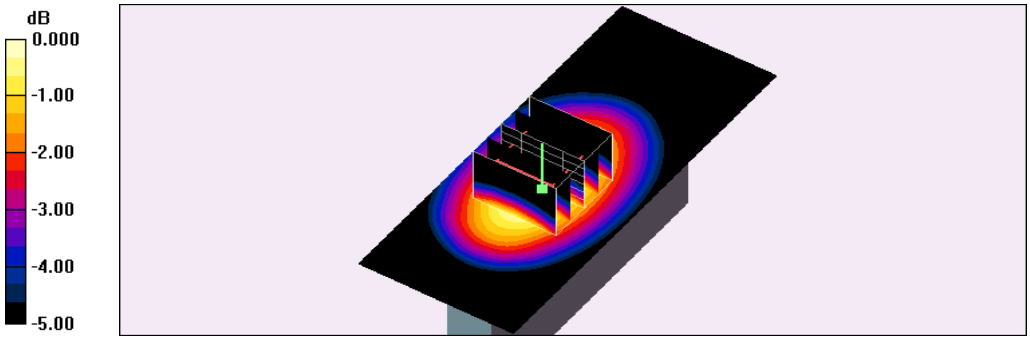
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.9 V/m; Power Drift = -0.041 dB

Peak SAR (extrapolated) = 0.531 W/kg

SAR(1 g) = 0.384 W/kg; SAR(10 g) = 0.272 W/kg

Maximum value of SAR (measured) = 0.466 W/kg



0 dB = 0.466W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/30/2015 10:35:44 AM

120_LTE Band 5 CH20525_QPSK_BW 10M_25 RB Size 0 RB Offset_side 4_10mm

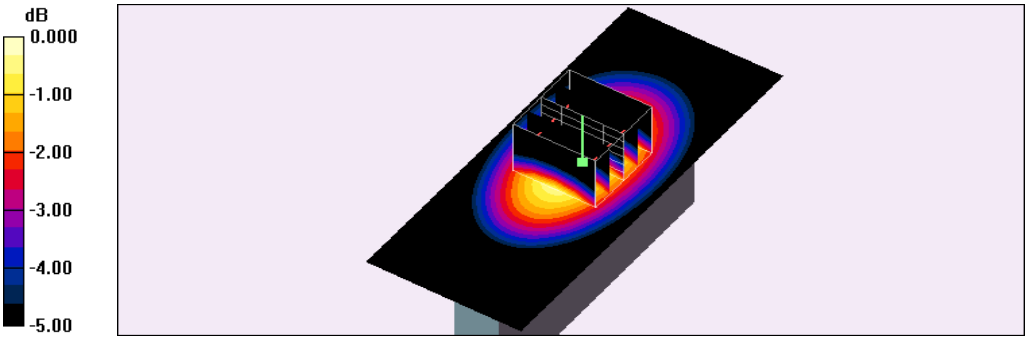
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.5 MHz; σ = 1 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 20.8 V/m; Power Drift = -0.011 dB
Peak SAR (extrapolated) = 0.479 W/kg
SAR(1 g) = 0.341 W/kg; SAR(10 g) = 0.236 W/kg
Maximum value of SAR (measured) = 0.417 W/kg



0 dB = 0.417W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/30/2015 11:16:05 AM

121_LTE Band 5 CH20525_QPSK_BW 10M_25 RB Size 0 RB Offset_side 5_10mm

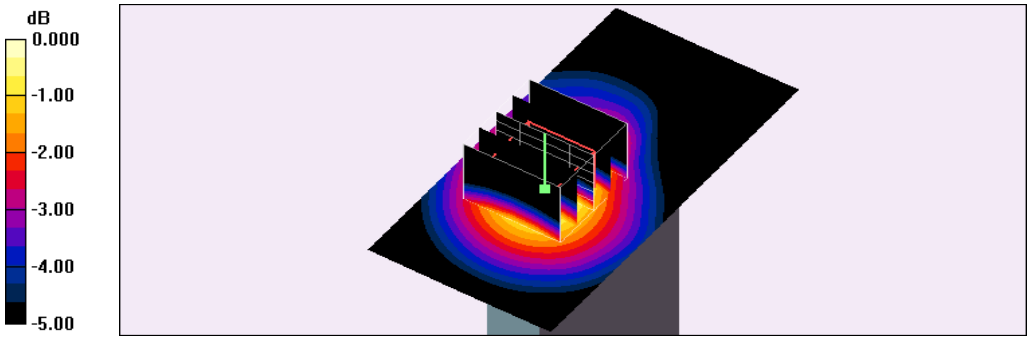
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 836.5 MHz; σ = 1 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.108 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.5 V/m; Power Drift = 0.012 dB
Peak SAR (extrapolated) = 0.125 W/kg
SAR(1 g) = 0.086 W/kg; SAR(10 g) = 0.058 W/kg
Maximum value of SAR (measured) = 0.107 W/kg



0 dB = 0.107W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/30/2015 11:58:13 AM

191_LTE Band 5 CH20450_QPSK_BW 10M_50 RB Size 0 RB Offset_side 1_10mm

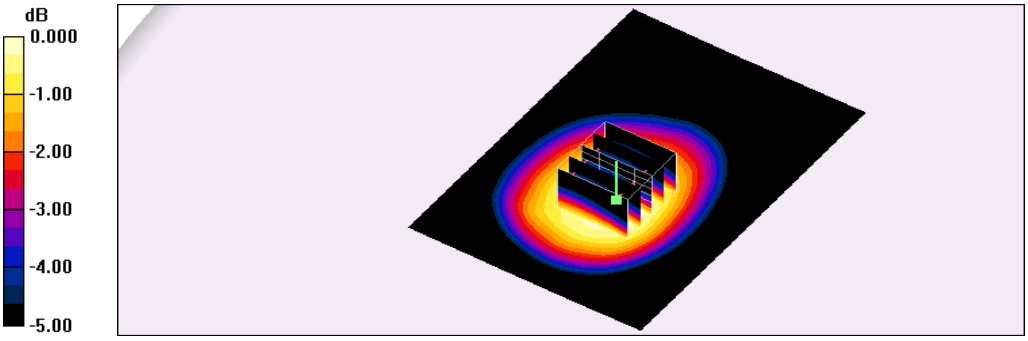
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 829 MHz;Duty Cycle: 1:1
Medium parameters used: f = 829 MHz; σ = 0.991 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 24.7 V/m; Power Drift = -0.105 dB
Peak SAR (extrapolated) = 0.659 W/kg
SAR(1 g) = 0.500 W/kg; SAR(10 g) = 0.376 W/kg
Maximum value of SAR (measured) = 0.586 W/kg



0 dB = 0.586W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/30/2015 12:22:18 PM

192_LTE Band 5 BW CH20450_QPSK_BW 10M_50 RB Size 0 RB Offset_side 2_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

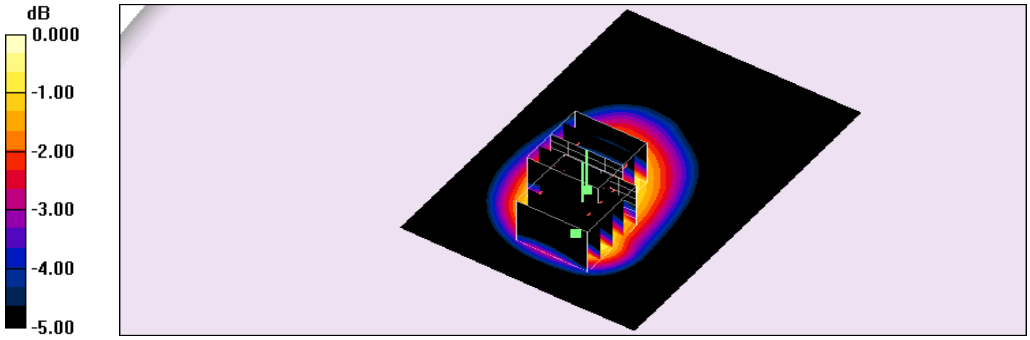
Communication System: Generic LTE; Frequency: 829 MHz;Duty Cycle: 1:1
Medium parameters used: f = 829 MHz; σ = 0.991 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.699 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.5 V/m; Power Drift = -0.004 dB
Peak SAR (extrapolated) = 0.744 W/kg
SAR(1 g) = 0.542 W/kg; SAR(10 g) = 0.388 W/kg
Maximum value of SAR (measured) = 0.660 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.5 V/m; Power Drift = -0.004 dB
Peak SAR (extrapolated) = 0.749 W/kg
SAR(1 g) = 0.571 W/kg; SAR(10 g) = 0.424 W/kg
Maximum value of SAR (measured) = 0.668 W/kg



0 dB = 0.668W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/20/2015 10:03:51 PM

45_LTE Band 12 CH23060_QPSK_BW 10M_1 RB Size 0 RB Offset_side 1_10mm

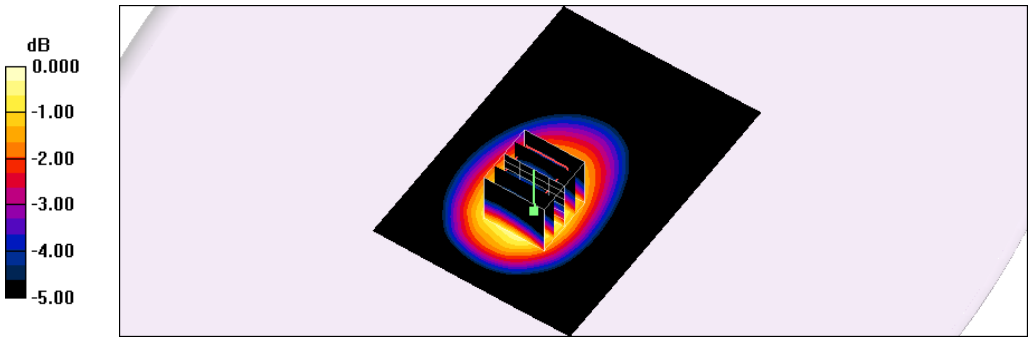
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 704 MHz;Duty Cycle: 1:1
Medium parameters used: f = 704 MHz; σ = 0.95 mho/m; ε_r = 54.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.848 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.7 V/m; Power Drift = -0.003 dB
Peak SAR (extrapolated) = 0.939 W/kg
SAR(1 g) = 0.723 W/kg; SAR(10 g) = 0.534 W/kg
Maximum value of SAR (measured) = 0.835 W/kg



0 dB = 0.835W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/20/2015 09:44:15 PM

44_LTE Band 12 CH23095_QPSK_BW 10M_1 RB Size 0 RB Offset_side 1_10mm

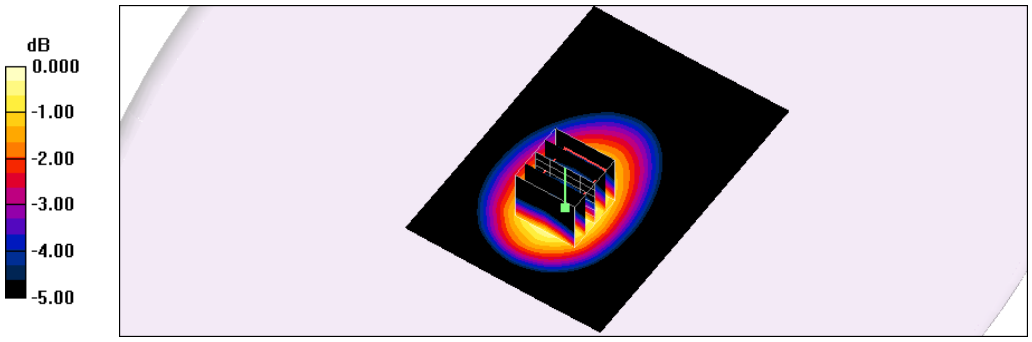
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 707.5 MHz; σ = 0.954 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.855 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.9 V/m; Power Drift = -0.171 dB
Peak SAR (extrapolated) = 0.935 W/kg
SAR(1 g) = 0.706 W/kg; SAR(10 g) = 0.515 W/kg
Maximum value of SAR (measured) = 0.832 W/kg



0 dB = 0.832W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/20/2015 10:20:10 PM

46_LTE Band 12 CH23130_QPSK_BW 10M_1 RB Size 0 RB Offset_side 1_10mm

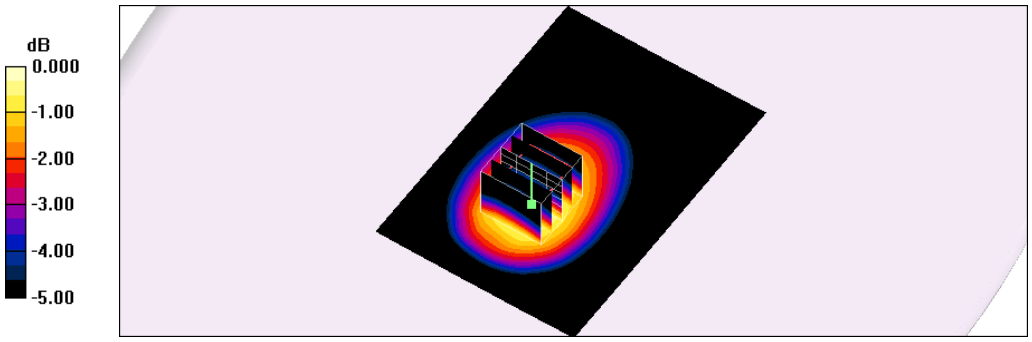
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 711 MHz;Duty Cycle: 1:1
Medium parameters used: f = 711 MHz; σ = 0.958 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.918 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.8 V/m; Power Drift = 0.040 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.823 W/kg; SAR(10 g) = 0.617 W/kg
Maximum value of SAR (measured) = 0.960 W/kg



0 dB = 0.960W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/20/2015 10:58:49 PM

48_LTE Band 12 CH23060_QPSK_BW 10M_1 RB Size 0 RB Offset_side 2_10mm

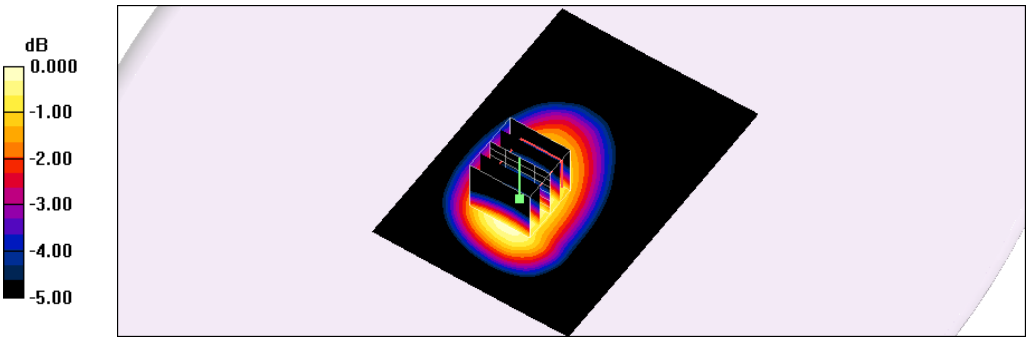
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 704 MHz;Duty Cycle: 1:1
Medium parameters used: f = 704 MHz; σ = 0.95 mho/m; ε_r = 54.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 33.2 V/m; Power Drift = 0.024 dB
Peak SAR (extrapolated) = 1.14 W/kg
SAR(1 g) = 0.879 W/kg; SAR(10 g) = 0.655 W/kg
Maximum value of SAR (measured) = 1.02 W/kg



0 dB = 1.02W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/20/2015 10:39:58 PM

47_LTE Band 12 CH23095_QPSK_BW 10M_1 RB Size 0 RB Offset_side 2_10mm

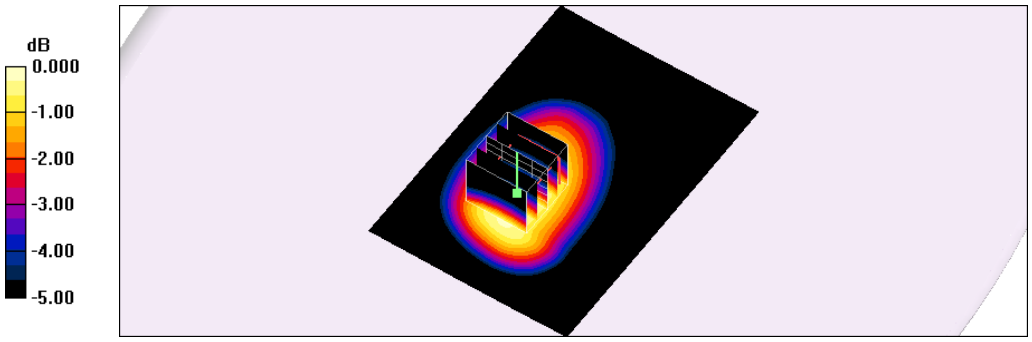
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 707.5 MHz; σ = 0.954 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.876 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.8 V/m; Power Drift = 0.023 dB
Peak SAR (extrapolated) = 0.992 W/kg
SAR(1 g) = 0.760 W/kg; SAR(10 g) = 0.566 W/kg
Maximum value of SAR (measured) = 0.890 W/kg



0 dB = 0.890W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/20/2015 11:29:05 PM

49_LTE Band 12 CH23130_QPSK_BW 10M_1 RB Size 0 RB Offset_side 2_10mm

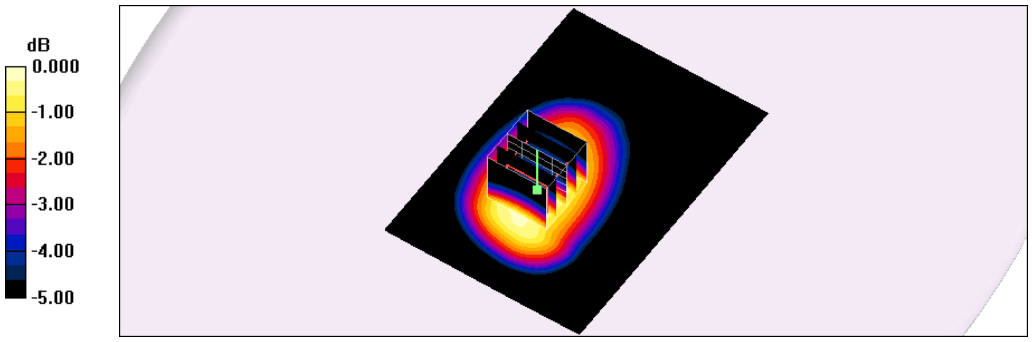
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 711 MHz;Duty Cycle: 1:1
Medium parameters used: f = 711 MHz; σ = 0.958 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.11 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 34.6 V/m; Power Drift = -0.020 dB
Peak SAR (extrapolated) = 1.24 W/kg
SAR(1 g) = 0.956 W/kg; SAR(10 g) = 0.714 W/kg
Maximum value of SAR (measured) = 1.11 W/kg



0 dB = 1.11W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/21/2015 12:02:48 AM

50_LTE Band 12 CH23095_QPSK_BW 10M_1 RB Size 0 RB Offset_side 3_10mm

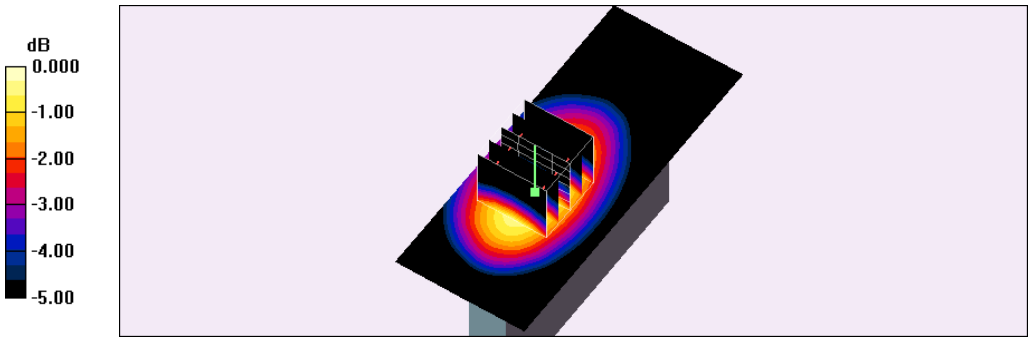
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 707.5 MHz; σ = 0.954 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.436 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.6 V/m; Power Drift = -0.044 dB
Peak SAR (extrapolated) = 0.508 W/kg
SAR(1 g) = 0.373 W/kg; SAR(10 g) = 0.266 W/kg
Maximum value of SAR (measured) = 0.447 W/kg



0 dB = 0.447W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/21/2015 12:15:16 AM

51_LTE Band 12 CH23095_QPSK_BW 10M_1 RB Size 0 RB Offset_side 4_10mm

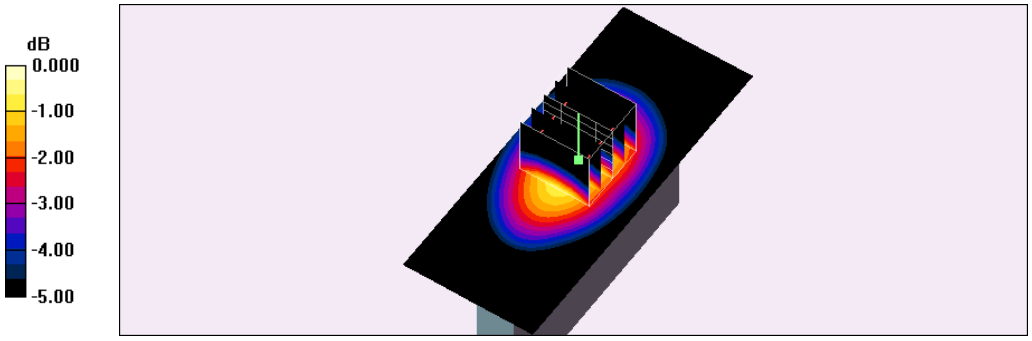
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 707.5 MHz; σ = 0.954 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.317 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.6 V/m; Power Drift = 0.120 dB
Peak SAR (extrapolated) = 0.421 W/kg
SAR(1 g) = 0.302 W/kg; SAR(10 g) = 0.213 W/kg
Maximum value of SAR (measured) = 0.367 W/kg



0 dB = 0.367W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/21/2015 01:08:12 AM

52_LTE Band 12 CH23095_QPSK_BW 10M_1 RB Size 0 RB Offset_side 5_10mm

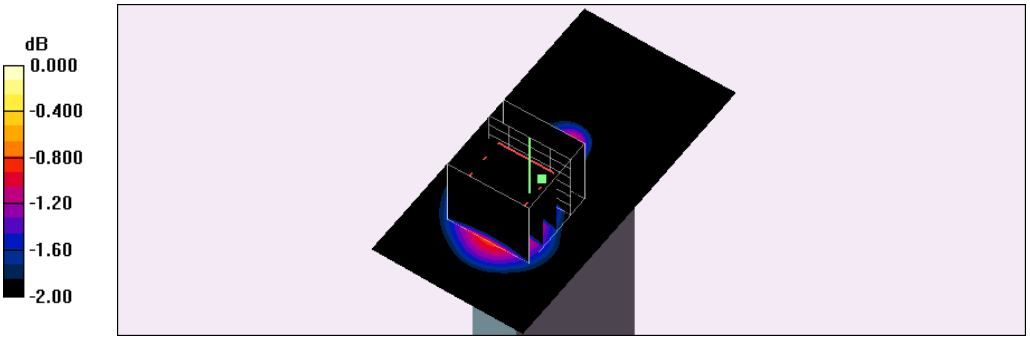
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 707.5 MHz; σ = 0.954 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.059 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.87 V/m; Power Drift = 0.144 dB
Peak SAR (extrapolated) = 0.078 W/kg
SAR(1 g) = 0.046 W/kg; SAR(10 g) = 0.032 W/kg
Maximum value of SAR (measured) = 0.060 W/kg



0 dB = 0.060W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/21/2015 01:21:54 AM

53_LTE Band 12 CH23095_QPSK_BW 10M_25 RB Size 0 RB Offset_side 1_10mm

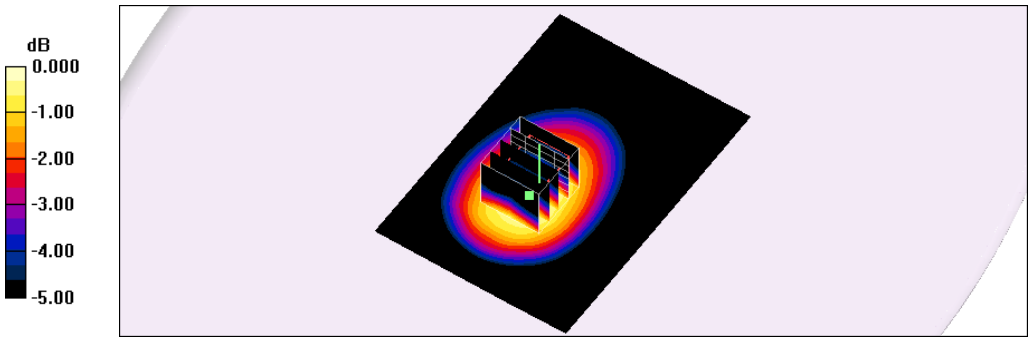
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 707.5 MHz; σ = 0.954 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.739 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.5 V/m; Power Drift = -0.063 dB
Peak SAR (extrapolated) = 0.817 W/kg
SAR(1 g) = 0.626 W/kg; SAR(10 g) = 0.460 W/kg
Maximum value of SAR (measured) = 0.750 W/kg



0 dB = 0.750W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/21/2015 01:59:12 AM

54_LTE Band 12 CH23095_QPSK_BW 10M_25 RB Size 0 RB Offset_side 2_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

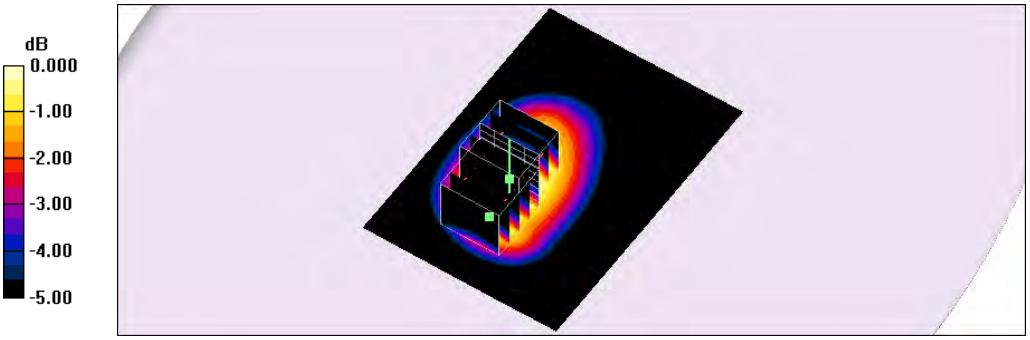
Communication System: Generic LTE; Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 707.5 MHz; σ = 0.954 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.759 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.6 V/m; Power Drift = 0.173 dB
Peak SAR (extrapolated) = 0.882 W/kg
SAR(1 g) = 0.679 W/kg; SAR(10 g) = 0.499 W/kg
Maximum value of SAR (measured) = 0.786 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.6 V/m; Power Drift = 0.173 dB
Peak SAR (extrapolated) = 0.852 W/kg
SAR(1 g) = 0.628 W/kg; SAR(10 g) = 0.430 W/kg
Maximum value of SAR (measured) = 0.752 W/kg



0 dB = 0.752W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/21/2015 02:36:42 AM

55_LTE Band 12 CH23095_QPSK_BW 10M_25 RB Size 0 RB Offset_side 3_10mm

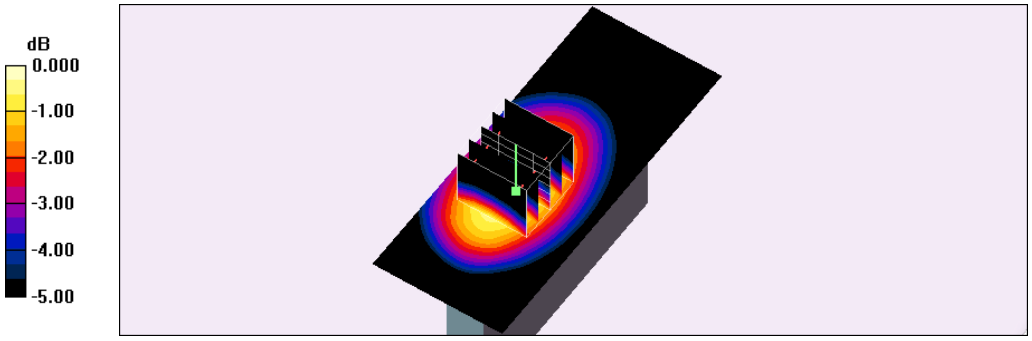
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 707.5 MHz; σ = 0.954 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.388 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.1 V/m; Power Drift = 0.044 dB
Peak SAR (extrapolated) = 0.451 W/kg
SAR(1 g) = 0.327 W/kg; SAR(10 g) = 0.233 W/kg
Maximum value of SAR (measured) = 0.395 W/kg



0 dB = 0.395W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/21/2015 03:01:39 AM

56_LTE Band 12 CH23095_QPSK_BW 10M_25 RB Size 0 RB Offset_side 4_10mm

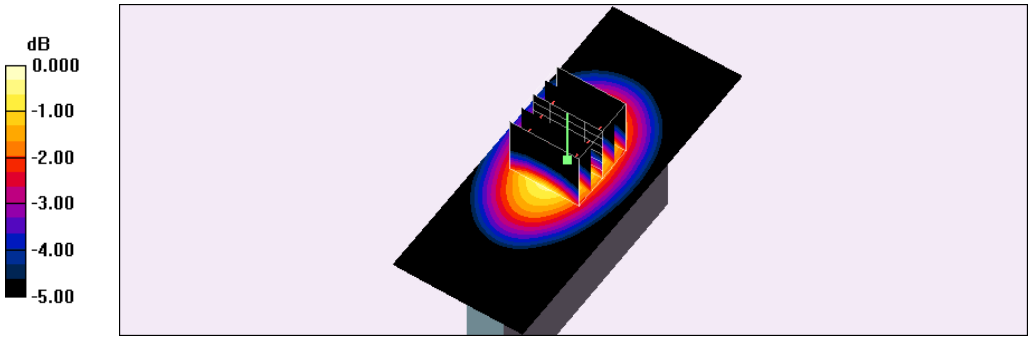
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 707.5 MHz; σ = 0.954 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 18.4 V/m; Power Drift = -0.020 dB
Peak SAR (extrapolated) = 0.375 W/kg
SAR(1 g) = 0.266 W/kg; SAR(10 g) = 0.187 W/kg
Maximum value of SAR (measured) = 0.326 W/kg



0 dB = 0.326W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/21/2015 03:41:11 AM

57_LTE Band 12 CH23095_QPSK_BW 10M_25 RB Size 0 RB Offset_side 5_10mm

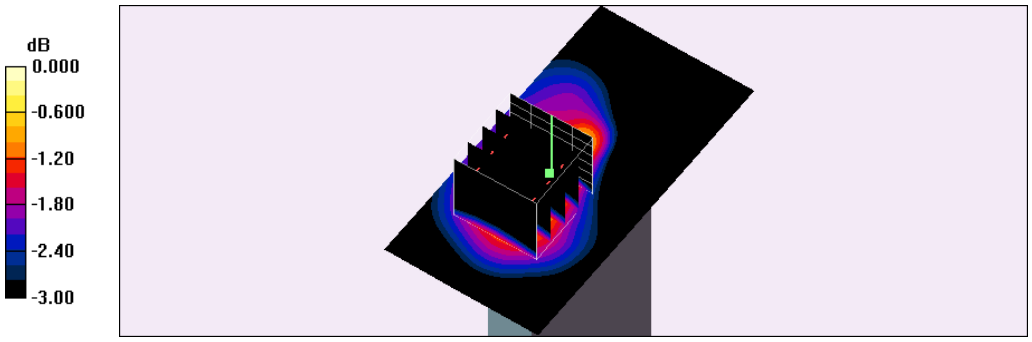
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 707.5 MHz; σ = 0.954 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.051 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.02 V/m; Power Drift = 0.122 dB
Peak SAR (extrapolated) = 0.070 W/kg
SAR(1 g) = 0.043 W/kg; SAR(10 g) = 0.029 W/kg
Maximum value of SAR (measured) = 0.055 W/kg



0 dB = 0.055W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/21/2015 04:17:05 AM

204_LTE Band 12 CH23130_QPSK_BW 10M_50 RB Size 0 RB Offset_side 1_10mm

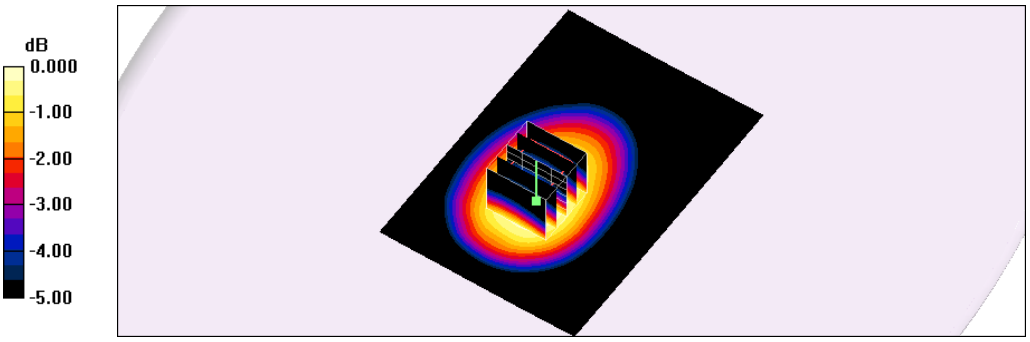
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 711 MHz;Duty Cycle: 1:1
Medium parameters used: f = 711 MHz; σ = 0.958 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.828 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.4 V/m; Power Drift = -0.096 dB
Peak SAR (extrapolated) = 0.877 W/kg
SAR(1 g) = 0.678 W/kg; SAR(10 g) = 0.509 W/kg
Maximum value of SAR (measured) = 0.791 W/kg



0 dB = 0.791W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/21/2015 04:42:27 AM

205_LTE Band 12 CH23130_QPSK_BW 10M_50 RB Size 0 RB Offset_side 2_10mm

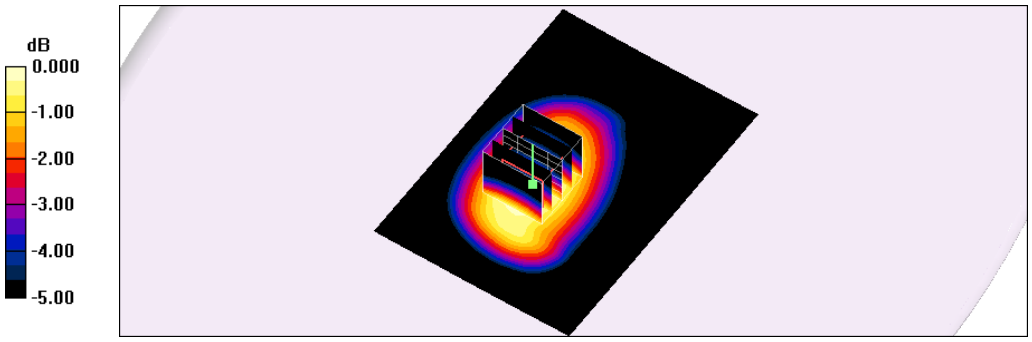
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 711 MHz;Duty Cycle: 1:1
Medium parameters used: f = 711 MHz; σ = 0.958 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.848 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.2 V/m; Power Drift = 0.055 dB
Peak SAR (extrapolated) = 0.937 W/kg
SAR(1 g) = 0.726 W/kg; SAR(10 g) = 0.543 W/kg
Maximum value of SAR (measured) = 0.846 W/kg



0 dB = 0.846W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/22/2015 04:31:43 PM

58_LTE Band 25 CH26365_QPSK_BW 20M_1 RB Size 0 RB Offset_side 1_10mm

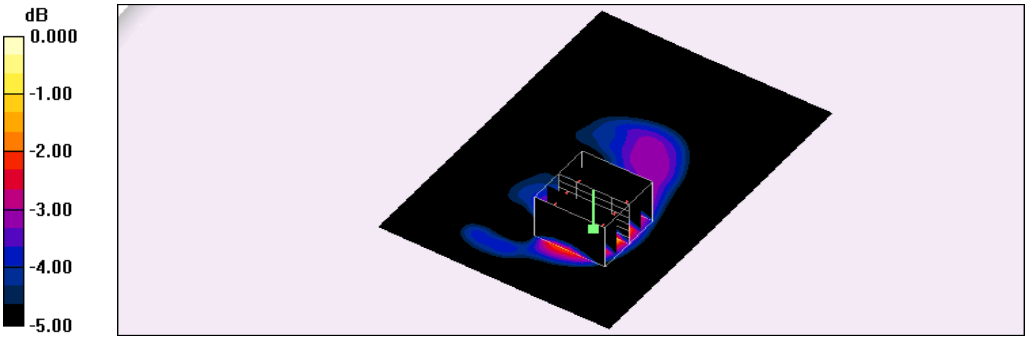
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1882.5 MHz; σ = 1.46 mho/m; ε_r = 52.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 25.6 V/m; Power Drift = -0.156 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.740 W/kg; SAR(10 g) = 0.424 W/kg
Maximum value of SAR (measured) = 0.992 W/kg



0 dB = 0.992W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/22/2015 09:42:59 PM

68_LTE Band 25 CH26140_QPSK_BW 20M_1 RB Size 0 RB Offset_side 2_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

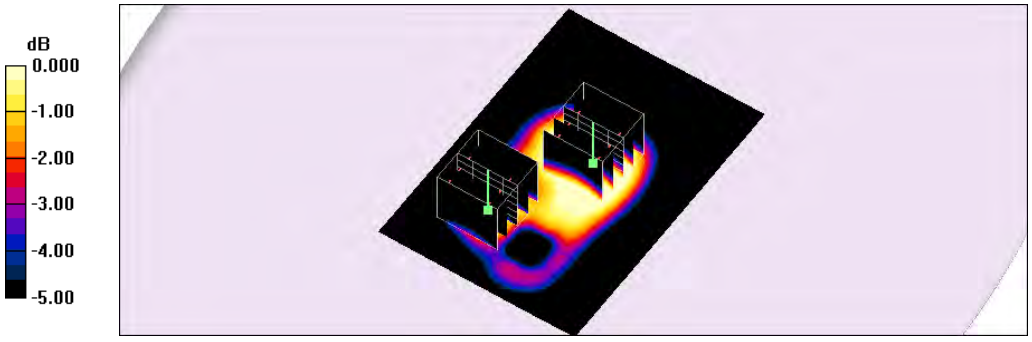
Communication System: Generic LTE; Frequency: 1860 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1860 MHz; σ = 1.47 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.08 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 36.6 V/m; Power Drift = -0.185 dB
Peak SAR (extrapolated) = 2.01 W/kg
SAR(1 g) = 1.33 W/kg; SAR(10 g) = 0.848 W/kg
Maximum value of SAR (measured) = 1.69 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 36.6 V/m; Power Drift = -0.185 dB
Peak SAR (extrapolated) = 1.62 W/kg
SAR(1 g) = 0.947 W/kg; SAR(10 g) = 0.525 W/kg
Maximum value of SAR (measured) = 1.25 W/kg



0 dB = 1.25W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/22/2015 08:45:21 PM

67_LTE Band 25 CH26365_QPSK_BW 20M_1 RB Size 0 RB Offset_side 2_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

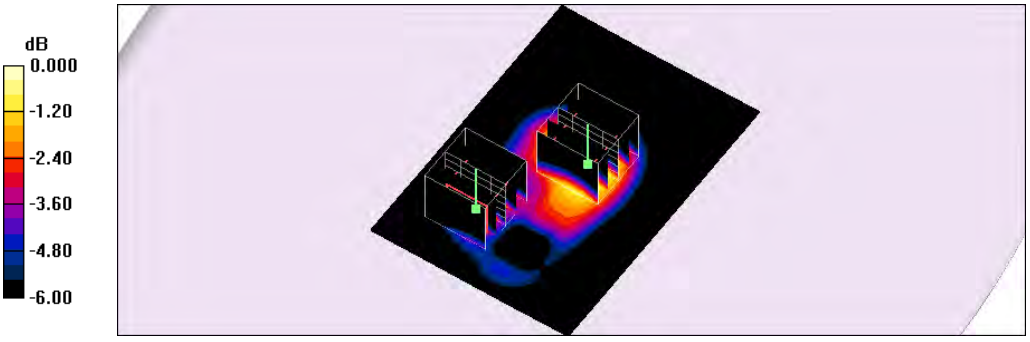
Communication System: Generic LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1882.5 MHz; σ = 1.46 mho/m; ε_r = 52.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.05 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.2 V/m; Power Drift = 0.114 dB
Peak SAR (extrapolated) = 1.42 W/kg
SAR(1 g) = 0.932 W/kg; SAR(10 g) = 0.587 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 = 26.2 V/m; Power Drift = 0.114 dB
Peak SAR (extrapolated) = 1.36 W/kg
SAR(1 g) = 0.788 W/kg; SAR(10 g) = 0.429 W/kg
Maximum value of SAR (measured) = 1.08 W/kg



0 dB = 1.08W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/22/2015 10:58:22 PM

69_LTE Band 25 CH26590_QPSK_BW 20M_1 RB Size 0 RB Offset_side 2_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

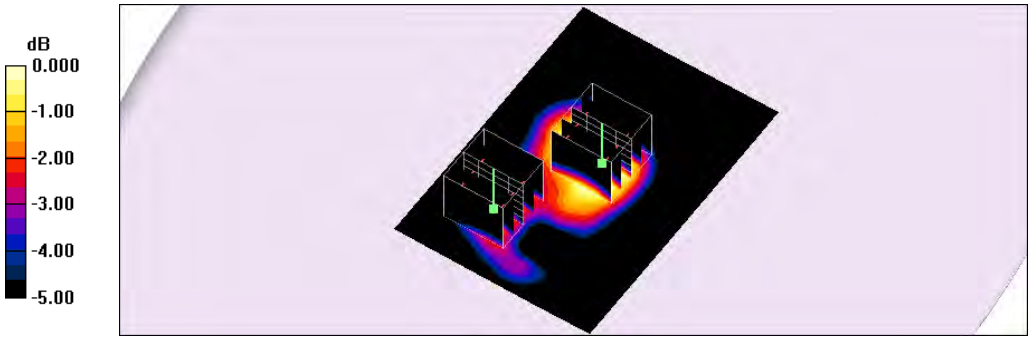
Communication System: Generic LTE; Frequency: 1905 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1905 MHz; σ = 1.48 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 27.3 V/m; Power Drift = -0.035 dB
Peak SAR (extrapolated) = 1.32 W/kg
SAR(1 g) = 0.866 W/kg; SAR(10 g) = 0.547 W/kg
Maximum value of SAR (measured) = 1.11 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.3 V/m; Power Drift = -0.035 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.715 W/kg; SAR(10 g) = 0.402 W/kg
Maximum value of SAR (measured) = 0.972 W/kg



0 dB = 0.972W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/23/2015 12:04:07 AM

70_LTE Band 25 CH26365_QPSK_BW 20M_1 RB Size 0 RB Offset_side 3_10mm

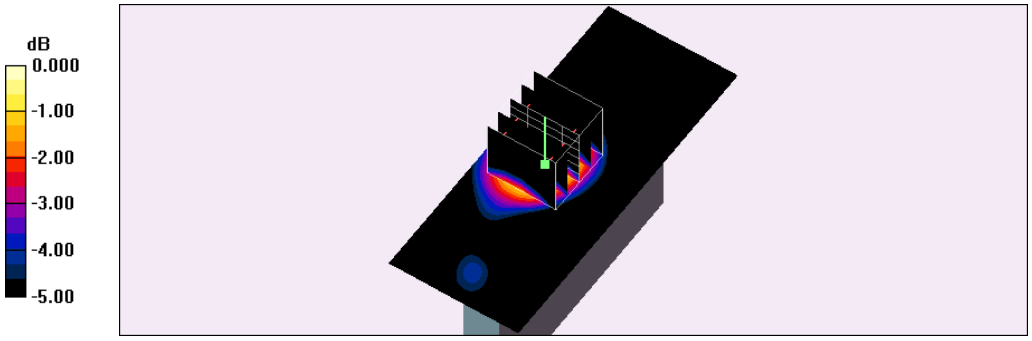
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1882.5 MHz; σ = 1.46 mho/m; ε_r = 52.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.486 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.5 V/m; Power Drift = -0.112 dB
Peak SAR (extrapolated) = 0.552 W/kg
SAR(1 g) = 0.349 W/kg; SAR(10 g) = 0.210 W/kg
Maximum value of SAR (measured) = 0.455 W/kg



0 dB = 0.455W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/23/2015 12:56:52 AM

73_LTE Band 25 CH26365_QPSK_BW 20M_1 RB Size 0 RB Offset_side 4_10mm

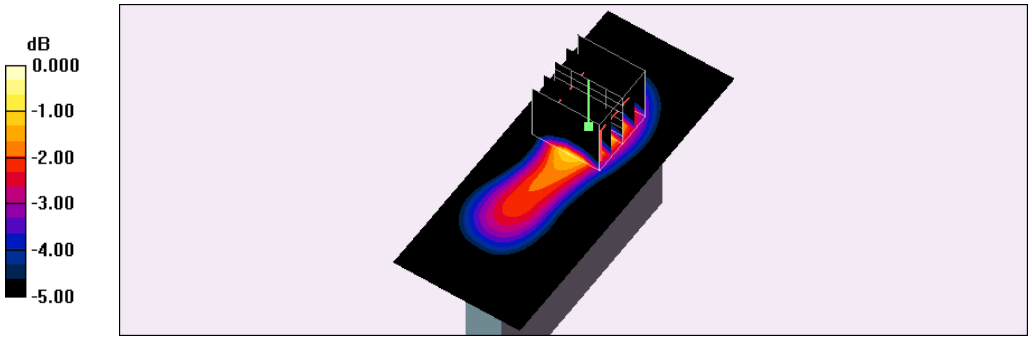
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1882.5 MHz; σ = 1.46 mho/m; ε_r = 52.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.412 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.3 V/m; Power Drift = 0.157 dB
Peak SAR (extrapolated) = 0.527 W/kg
SAR(1 g) = 0.326 W/kg; SAR(10 g) = 0.193 W/kg
Maximum value of SAR (measured) = 0.427 W/kg



0 dB = 0.427W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/23/2015 01:26:49 AM

74_LTE Band 25 CH26365_QPSK_BW 20M_1 RB Size 0 RB Offset_side 5_10mm

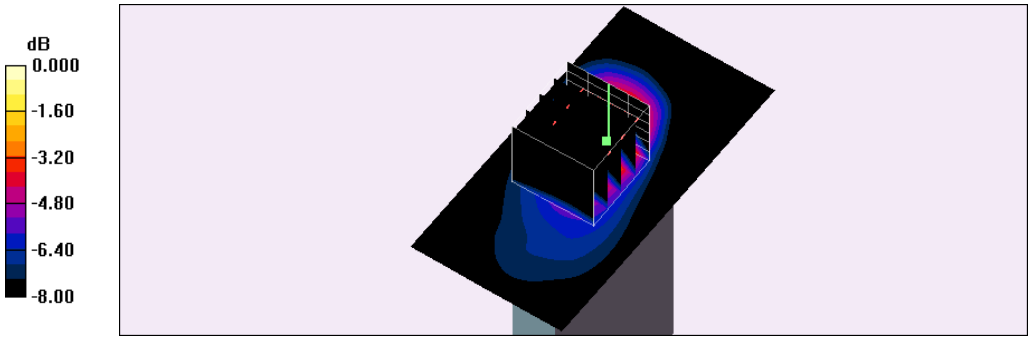
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1882.5 MHz; σ = 1.46 mho/m; ε_r = 52.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.550 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.2 V/m; Power Drift = 0.092 dB
Peak SAR (extrapolated) = 0.697 W/kg
SAR(1 g) = 0.396 W/kg; SAR(10 g) = 0.192 W/kg
Maximum value of SAR (measured) = 0.574 W/kg



0 dB = 0.574W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/22/2015 06:22:08 PM

61_LTE Band 25 CH26365_QPSK_BW 20M_50 RB Size 0 RB Offset_side 1_10mm

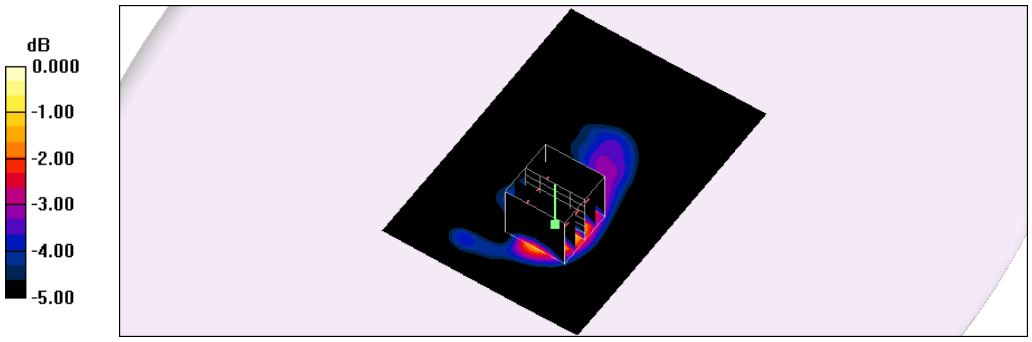
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1882.5 MHz; σ = 1.46 mho/m; ε_r = 52.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.911 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.3 V/m; Power Drift = -0.019 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.677 W/kg; SAR(10 g) = 0.389 W/kg
Maximum value of SAR (measured) = 0.897 W/kg



0 dB = 0.897W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/22/2015 07:46:25 PM

65_LTE Band 25 CH26140_QPSK_BW 20M_50 RB Size 0 RB Offset_side 2_10mm

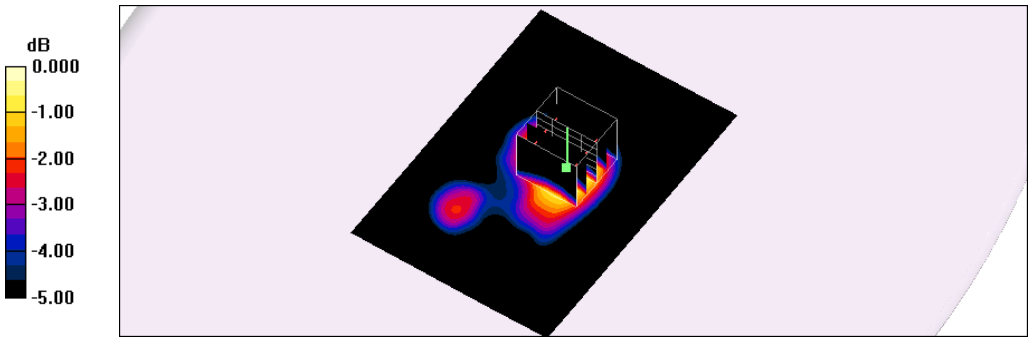
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 1860 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1860 MHz; σ = 1.47 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.66 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.8 V/m; Power Drift = -0.013 dB
Peak SAR (extrapolated) = 1.91 W/kg
SAR(1 g) = 1.26 W/kg; SAR(10 g) = 0.790 W/kg
Maximum value of SAR (measured) = 1.60 W/kg



0 dB = 1.60W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/22/2015 07:23:56 PM

64_LTE Band 25 CH26365_QPSK_BW 20M_50 RB Size 0 RB Offset_side 2_10mm

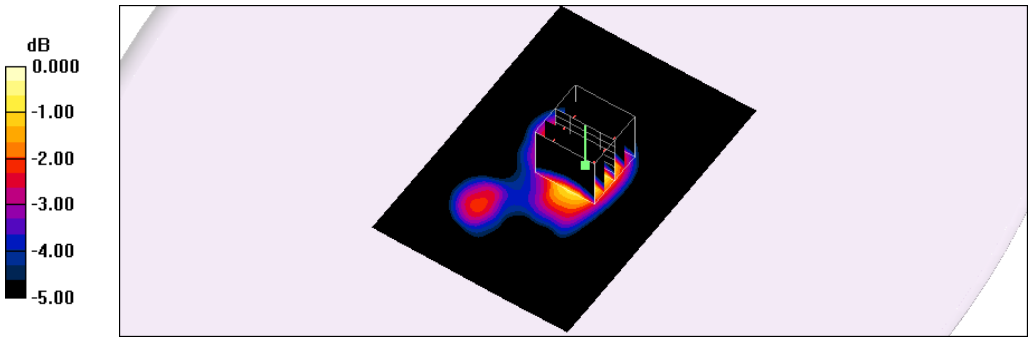
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1882.5 MHz; σ = 1.46 mho/m; ε_r = 52.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.06 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.8 V/m; Power Drift = 0.023 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.813 W/kg; SAR(10 g) = 0.506 W/kg
Maximum value of SAR (measured) = 1.04 W/kg



0 dB = 1.04W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/22/2015 08:23:16 PM

66_LTE Band 25 CH26590_QPSK_BW 20M_50 RB Size 0 RB Offset_side 2_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

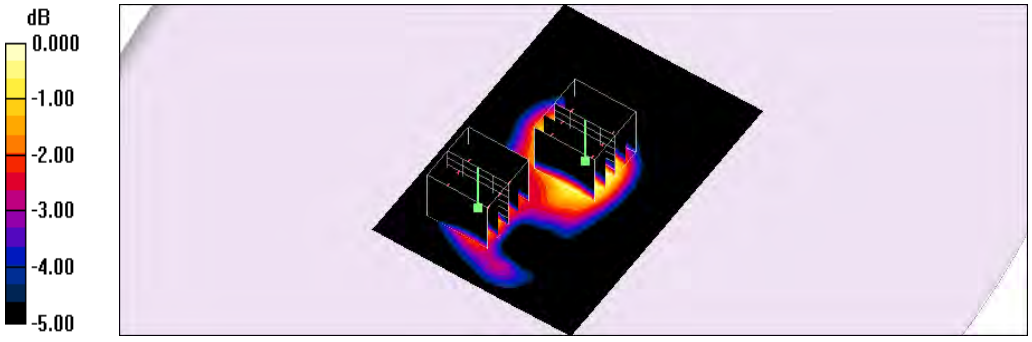
Communication System: Generic LTE; Frequency: 1905 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1905 MHz; σ = 1.48 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 23.0 V/m; Power Drift = -0.174 dB
Peak SAR (extrapolated) = 0.951 W/kg
SAR(1 g) = 0.624 W/kg; SAR(10 g) = 0.396 W/kg
Maximum value of SAR (measured) = 0.794 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.0 V/m; Power Drift = -0.174 dB
Peak SAR (extrapolated) = 0.954 W/kg
SAR(1 g) = 0.565 W/kg; SAR(10 g) = 0.318 W/kg
Maximum value of SAR (measured) = 0.768 W/kg



0 dB = 0.768W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/23/2015 12:20:48 AM

71_LTE Band 25 CH26365_QPSK_BW 20M_50 RB Size 0 RB Offset_side 3_10mm

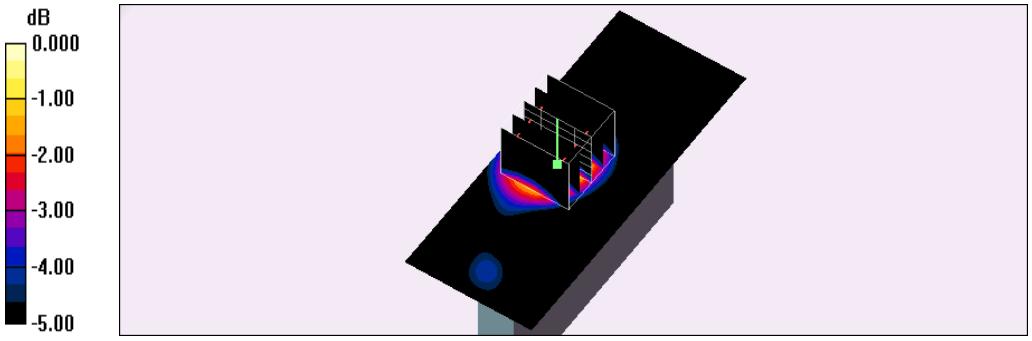
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1882.5 MHz; σ = 1.46 mho/m; ε_r = 52.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.424 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.5 V/m; Power Drift = -0.188 dB
Peak SAR (extrapolated) = 0.502 W/kg
SAR(1 g) = 0.316 W/kg; SAR(10 g) = 0.190 W/kg
Maximum value of SAR (measured) = 0.413 W/kg



0 dB = 0.413W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/23/2015 12:34:06 AM

72_LTE Band 25 CH26365_QPSK_BW 20M_50 RB Size 0 RB Offset_side 4_10mm

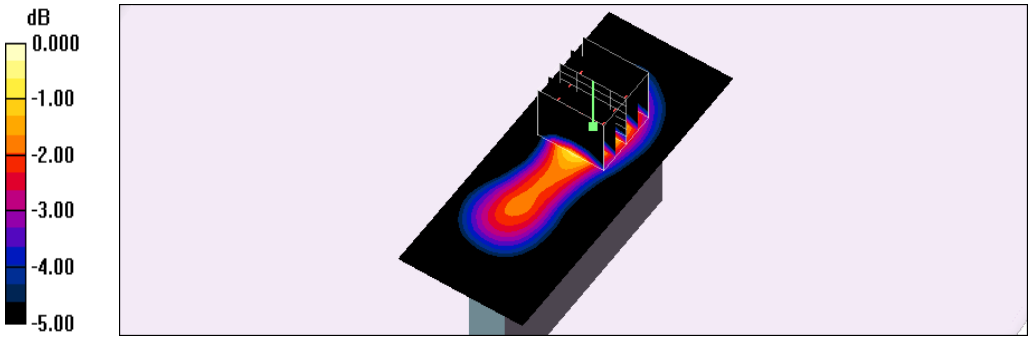
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1882.5 MHz; σ = 1.46 mho/m; ε_r = 52.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.435 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.0 V/m; Power Drift = -0.033 dB
Peak SAR (extrapolated) = 0.520 W/kg
SAR(1 g) = 0.319 W/kg; SAR(10 g) = 0.191 W/kg
Maximum value of SAR (measured) = 0.425 W/kg



0 dB = 0.425W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/23/2015 01:42:21 AM

75_LTE Band 25 CH26365_QPSK_BW 20M_50 RB Size 0 RB Offset_side 5_10mm

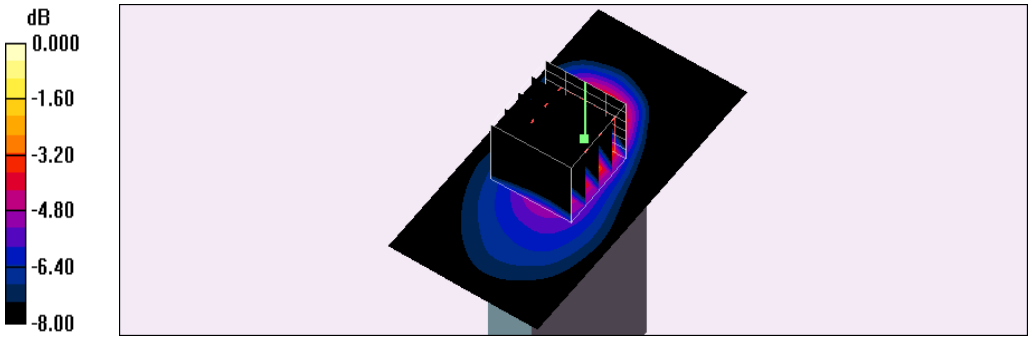
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1882.5 MHz; σ = 1.46 mho/m; ε_r = 52.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.555 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.2 V/m; Power Drift = 0.011 dB
Peak SAR (extrapolated) = 0.672 W/kg
SAR(1 g) = 0.394 W/kg; SAR(10 g) = 0.195 W/kg
Maximum value of SAR (measured) = 0.553 W/kg



0 dB = 0.553W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/23/2015 02:23:56 AM

196_LTE Band 25 CH26365_QPSK_BW 20M_100 RB Size 0 RB Offset_side 2_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

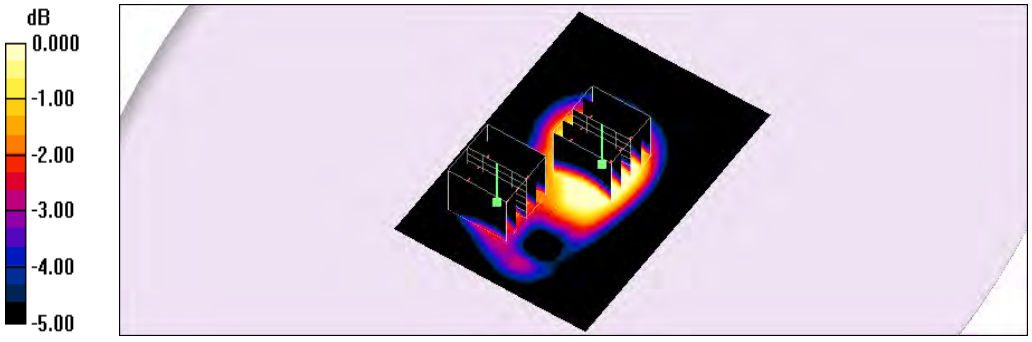
Communication System: Generic LTE; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1882.5 MHz; σ = 1.46 mho/m; ε_r = 52.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.998 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.1 V/m; Power Drift = 0.050 dB
Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.775 W/kg; SAR(10 g) = 0.489 W/kg
Maximum value of SAR (measured) = 0.985 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.1 V/m; Power Drift = 0.050 dB
Peak SAR (extrapolated) = 0.823 W/kg
SAR(1 g) = 0.500 W/kg; SAR(10 g) = 0.288 W/kg
Maximum value of SAR (measured) = 0.673 W/kg



0 dB = 0.673W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/30/2015 03:31:57 PM

91_LTE Band 26 CH26775_QPSK_BW 15M_1 RB Size 0 RB Offset_side 1_10mm

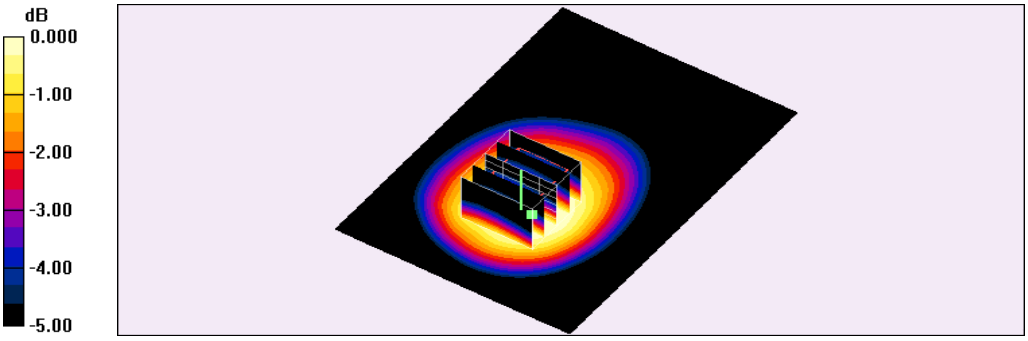
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 822.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 822.5 MHz; σ = 0.976 mho/m; ε_r = 54.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.701 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.8 V/m; Power Drift = -0.148 dB
Peak SAR (extrapolated) = 0.722 W/kg
SAR(1 g) = 0.557 W/kg; SAR(10 g) = 0.421 W/kg
Maximum value of SAR (measured) = 0.639 W/kg



0 dB = 0.639W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/30/2015 01:04:54 PM

90_LTE Band 26 CH26865_QPSK_BW 15M_1 RB Size 0 RB Offset_side 1_10mm

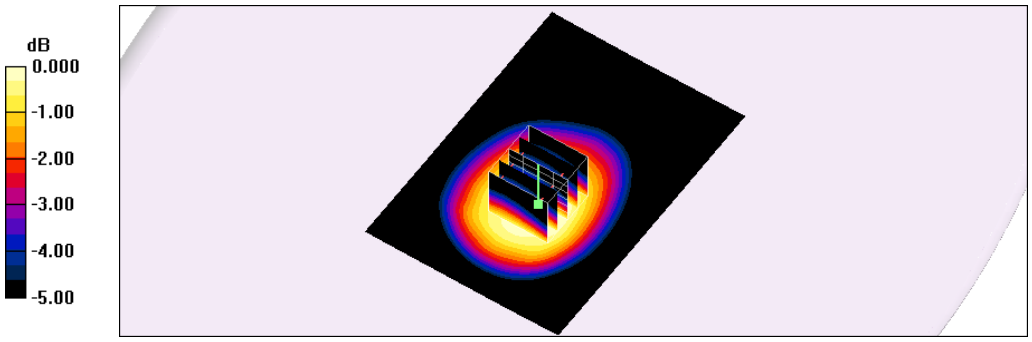
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 831.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 831.5 MHz; σ = 0.985 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.786 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.1 V/m; Power Drift = -0.113 dB
Peak SAR (extrapolated) = 0.834 W/kg
SAR(1 g) = 0.643 W/kg; SAR(10 g) = 0.488 W/kg
Maximum value of SAR (measured) = 0.748 W/kg



0 dB = 0.748W/kg

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Test Laboratory: A Test Lab Techno Corp.

Date/Time: 7/30/2015 03:59:45 PM

92_LTE Band 26 CH26965_QPSK_15M_1 RB Size 0 RB Offset_side 1_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 841.5 MHz;Duty Cycle: 1:1

Medium parameters used: f = 841.5 MHz; σ = 0.994 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.27 W/kg

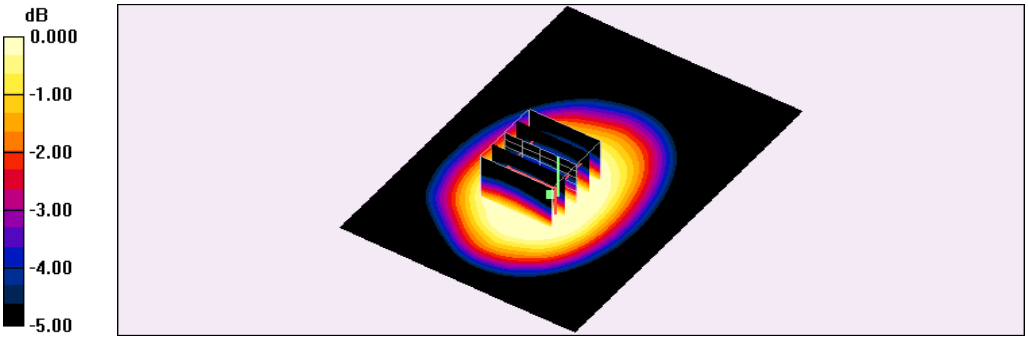
Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.7 V/m; Power Drift = -0.016 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.899 W/kg; SAR(10 g) = 0.682 W/kg

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



0 dB = 1.04W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/30/2015 04:20:09 PM

94_LTE Band 26 CH26775_QPSK_BW 15M_1 RB Size 0 RB Offset_side 2_10mm

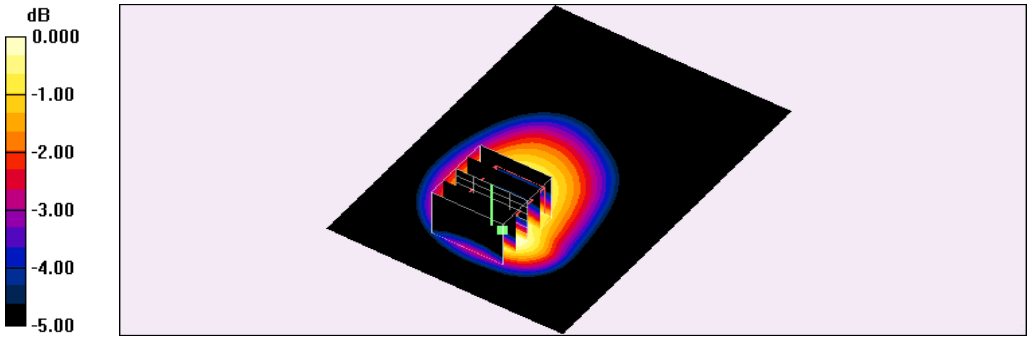
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 822.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 822.5 MHz; σ = 0.976 mho/m; ε_r = 54.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.822 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.6 V/m; Power Drift = 0.008 dB
Peak SAR (extrapolated) = 0.900 W/kg
SAR(1 g) = 0.646 W/kg; SAR(10 g) = 0.469 W/kg
Maximum value of SAR (measured) = 0.765 W/kg



0 dB = 0.765W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/30/2015 02:08:06 PM

93_LTE Band 26 CH26865_QPSK_BW 15M_1 RB Size 0 RB Offset_side 2_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

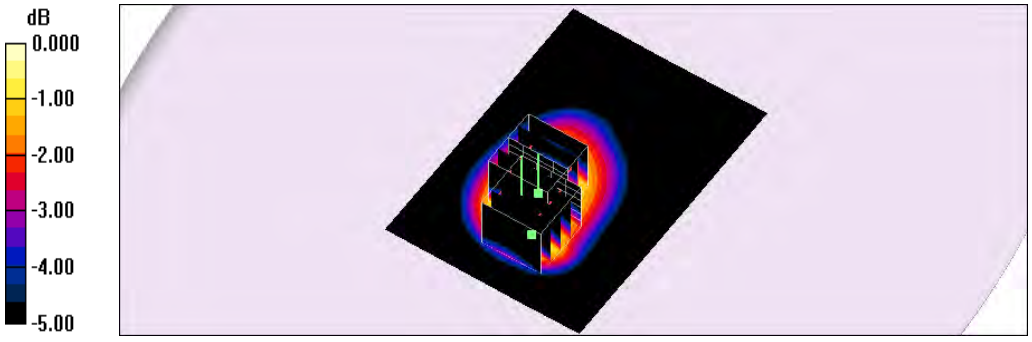
Communication System: Generic LTE; Frequency: 831.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 831.5 MHz; σ = 0.985 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.907 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.1 V/m; Power Drift = 0.025 dB
Peak SAR (extrapolated) = 0.988 W/kg
SAR(1 g) = 0.706 W/kg; SAR(10 g) = 0.507 W/kg
Maximum value of SAR (measured) = 0.859 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.1 V/m; Power Drift = 0.025 dB
Peak SAR (extrapolated) = 0.977 W/kg
SAR(1 g) = 0.743 W/kg; SAR(10 g) = 0.552 W/kg
Maximum value of SAR (measured) = 0.869 W/kg



0 dB = 0.869W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/30/2015 04:37:45 PM

95_LTE Band 26 CH26965_QPSK_BW 15M_1 RB Size 0 RB Offset_side 2_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

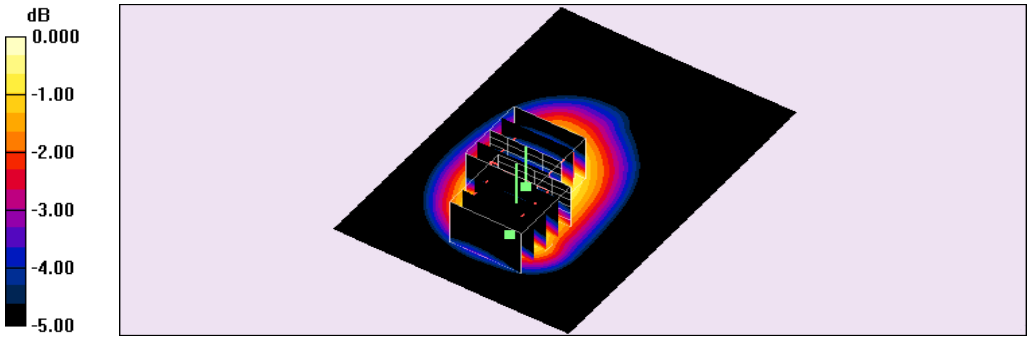
Communication System: Generic LTE; Frequency: 841.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 841.5 MHz; σ = 0.994 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.23 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 35.9 V/m; Power Drift = 0.094 dB
Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.800 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 = 35.9 V/m; Power Drift = 0.094 dB
Peak SAR (extrapolated) = 1.35 W/kg
SAR(1 g) = 0.975 W/kg; SAR(10 g) = 0.693 W/kg
Maximum value of SAR (measured) = 1.19 W/kg



0 dB = 1.19W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/30/2015 05:20:29 PM

96_LTE Band 26 CH26865_QPSK_BW 15M_1 RB Size 0 RB Offset_side 3_10mm

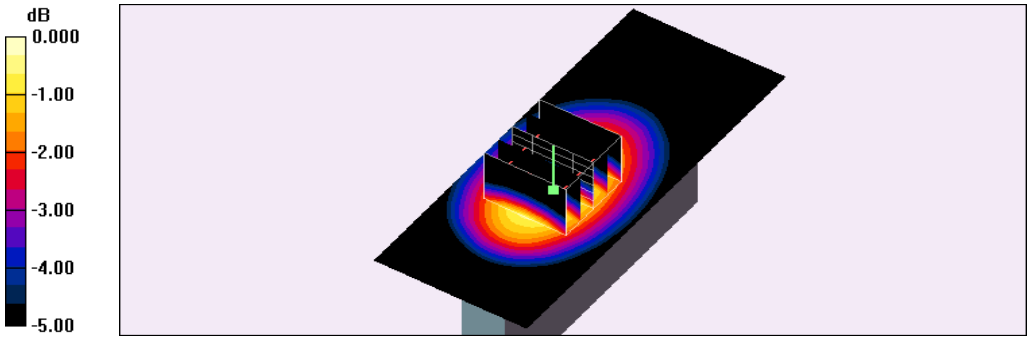
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 831.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 831.5 MHz; σ = 0.985 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.472 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.5 V/m; Power Drift = 0.052 dB
Peak SAR (extrapolated) = 0.549 W/kg
SAR(1 g) = 0.400 W/kg; SAR(10 g) = 0.285 W/kg
Maximum value of SAR (measured) = 0.484 W/kg



0 dB = 0.484W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/30/2015 05:50:34 PM

97_LTE Band 26 CH26865_QPSK_BW 15M_1 RB Size 0 RB Offset_side 4_10mm

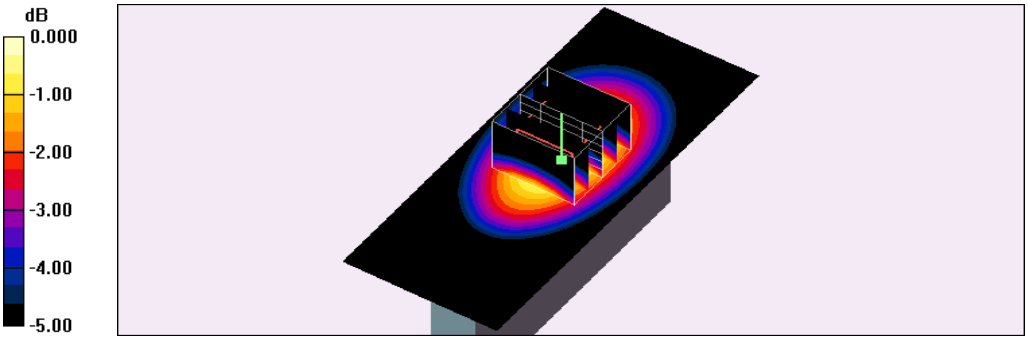
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 831.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 831.5 MHz; σ = 0.985 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.388 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.0 V/m; Power Drift = 0.012 dB
Peak SAR (extrapolated) = 0.447 W/kg
SAR(1 g) = 0.319 W/kg; SAR(10 g) = 0.222 W/kg
Maximum value of SAR (measured) = 0.390 W/kg



0 dB = 0.390W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/30/2015 07:13:34 PM

98_LTE Band 26 CH26865_QPSK_BW 15M_1 RB Size 0 RB Offset_side 5_10mm

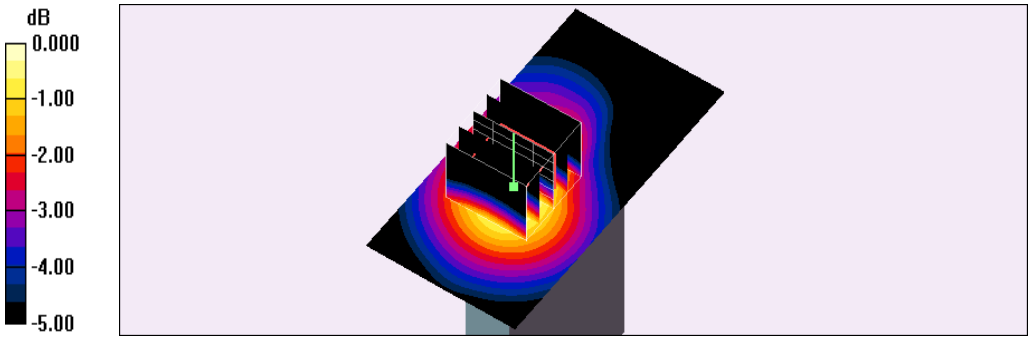
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 831.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 831.5 MHz; σ = 0.985 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
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 = 12.5 V/m; Power Drift = -0.121 dB
Peak SAR (extrapolated) = 0.173 W/kg
SAR(1 g) = 0.121 W/kg; SAR(10 g) = 0.083 W/kg
Maximum value of SAR (measured) = 0.149 W/kg



0 dB = 0.149W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/30/2015 01:40:36 PM

99_LTE Band 26 CH26865_QPSK_BW 15M_36 RB Size 0 RB Offset_side 1_10mm

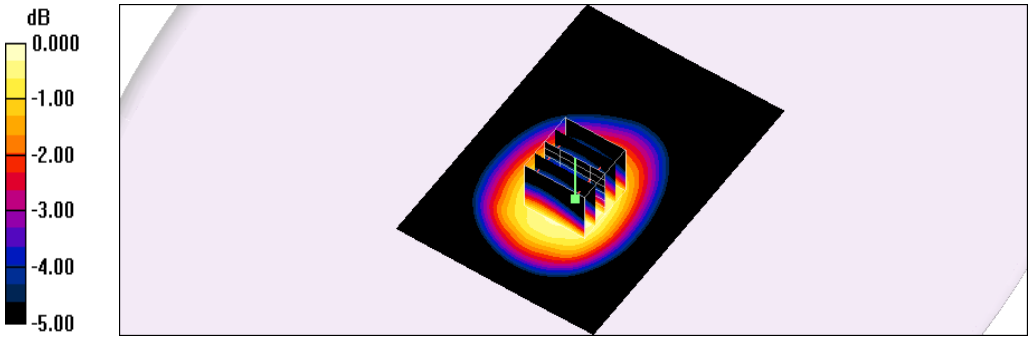
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 831.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 831.5 MHz; σ = 0.985 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.583 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.5 V/m; Power Drift = -0.033 dB
Peak SAR (extrapolated) = 0.635 W/kg
SAR(1 g) = 0.490 W/kg; SAR(10 g) = 0.372 W/kg
Maximum value of SAR (measured) = 0.568 W/kg



0 dB = 0.568W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/30/2015 02:31:25 PM

100_LTE Band 26 CH26865_QPSK_BW 15M_36 RB Size 0 RB Offset_side 2_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

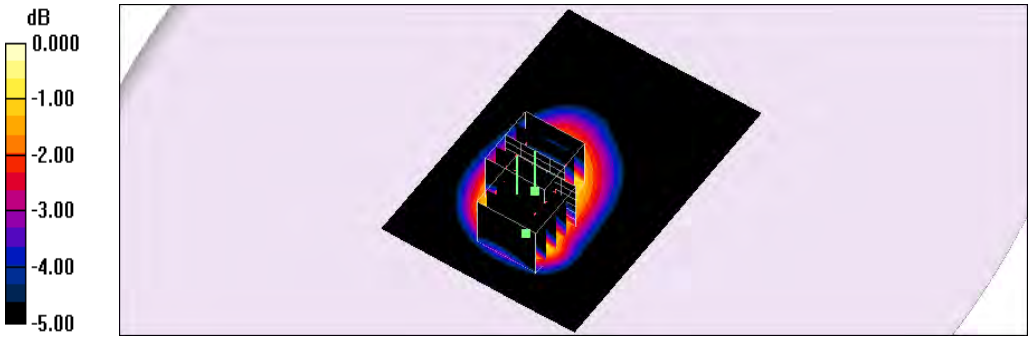
Communication System: Generic LTE; Frequency: 831.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 831.5 MHz; σ = 0.985 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.704 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.8 V/m; Power Drift = 0.002 dB
Peak SAR (extrapolated) = 0.771 W/kg
SAR(1 g) = 0.552 W/kg; SAR(10 g) = 0.395 W/kg
Maximum value of SAR (measured) = 0.670 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.8 V/m; Power Drift = 0.002 dB
Peak SAR (extrapolated) = 0.776 W/kg
SAR(1 g) = 0.591 W/kg; SAR(10 g) = 0.438 W/kg
Maximum value of SAR (measured) = 0.693 W/kg



0 dB = 0.693W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/30/2015 05:34:22 PM

101_LTE Band 26 CH26865_QPSK_BW 15M_36 RB Size 0 RB Offset_side 3_10mm

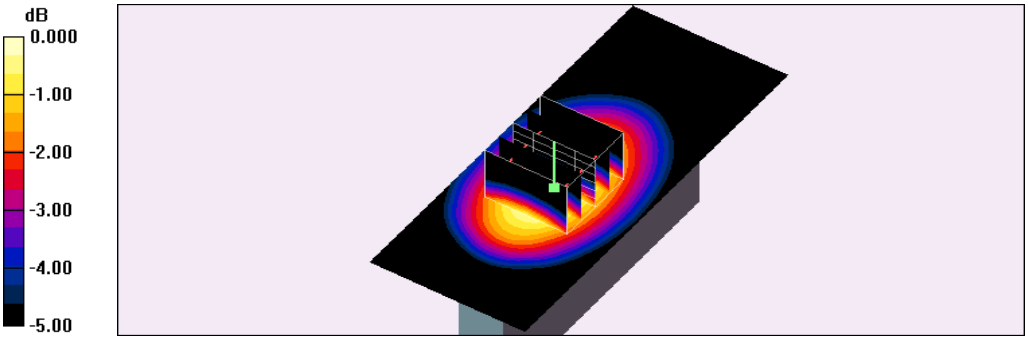
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 831.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 831.5 MHz; σ = 0.985 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.380 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.0 V/m; Power Drift = 0.006 dB
Peak SAR (extrapolated) = 0.431 W/kg
SAR(1 g) = 0.315 W/kg; SAR(10 g) = 0.224 W/kg
Maximum value of SAR (measured) = 0.379 W/kg



0 dB = 0.379W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/30/2015 06:09:17 PM

102_LTE Band 26 CH26865_QPSK_BW 15M_36 RB Size 0 RB Offset_side 4_10mm

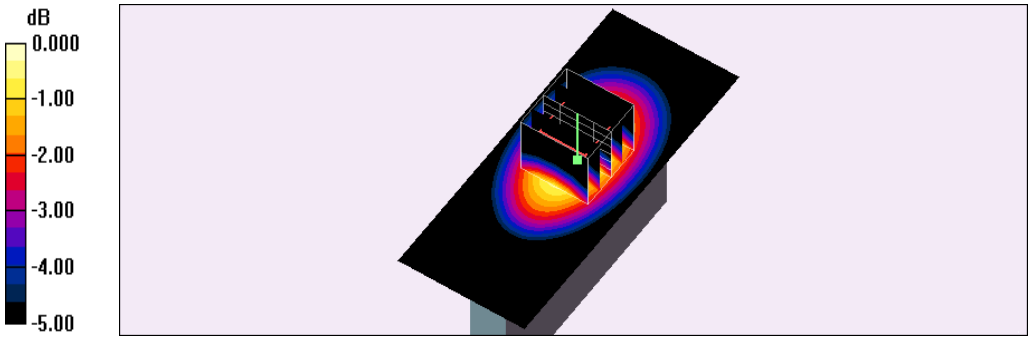
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 831.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 831.5 MHz; σ = 0.985 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.293 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.4 V/m; Power Drift = -0.013 dB
Peak SAR (extrapolated) = 0.337 W/kg
SAR(1 g) = 0.239 W/kg; SAR(10 g) = 0.166 W/kg
Maximum value of SAR (measured) = 0.293 W/kg



0 dB = 0.293W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/30/2015 07:48:38 PM

103_LTE Band 26 CH26865_QPSK_BW 15M_36 RB Size 0 RB Offset_side 5_10mm

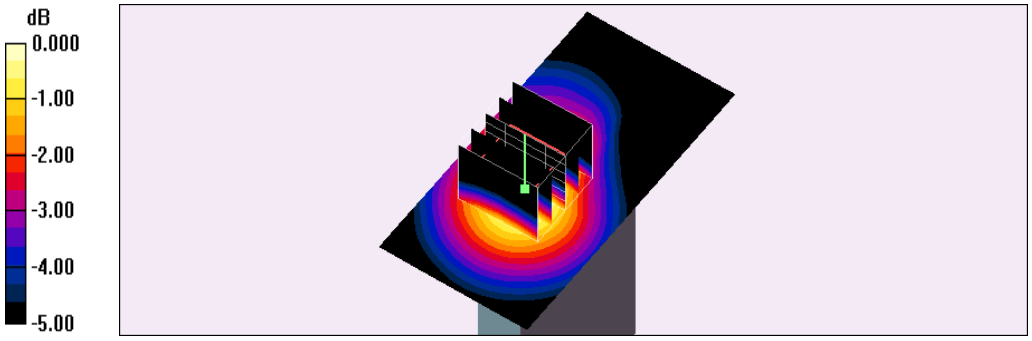
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 831.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 831.5 MHz; σ = 0.985 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (41x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.112 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.7 V/m; Power Drift = -0.153 dB
Peak SAR (extrapolated) = 0.125 W/kg
SAR(1 g) = 0.087 W/kg; SAR(10 g) = 0.059 W/kg
Maximum value of SAR (measured) = 0.107 W/kg



0 dB = 0.107W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/30/2015 08:13:27 PM

201_LTE Band 26 CH26775_QPSK_BW 15M_75 RB Size 0 RB Offset_side 1_10mm

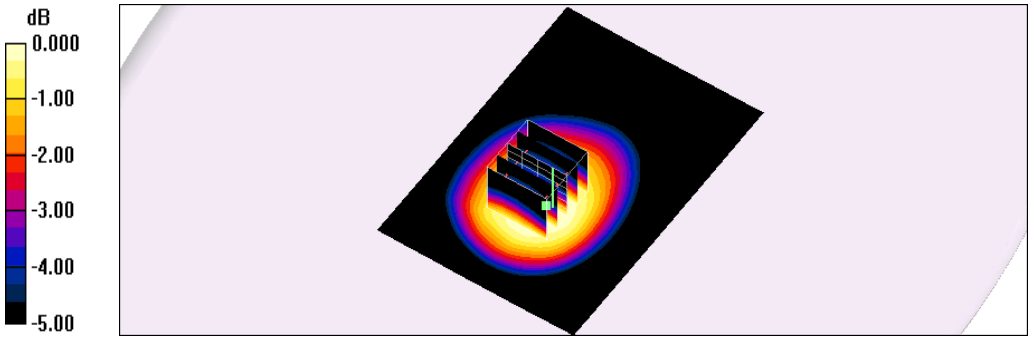
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 822.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 822.5 MHz; σ = 0.976 mho/m; ε_r = 54.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.681 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.9 V/m; Power Drift = -0.116 dB
Peak SAR (extrapolated) = 0.723 W/kg
SAR(1 g) = 0.561 W/kg; SAR(10 g) = 0.425 W/kg
Maximum value of SAR (measured) = 0.645 W/kg



0 dB = 0.645W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/30/2015 08:49:26 PM

202_LTE Band 26 CH26775_QPSK_BW 15M_75 RB Size 0 RB Offset_side 2_10mm

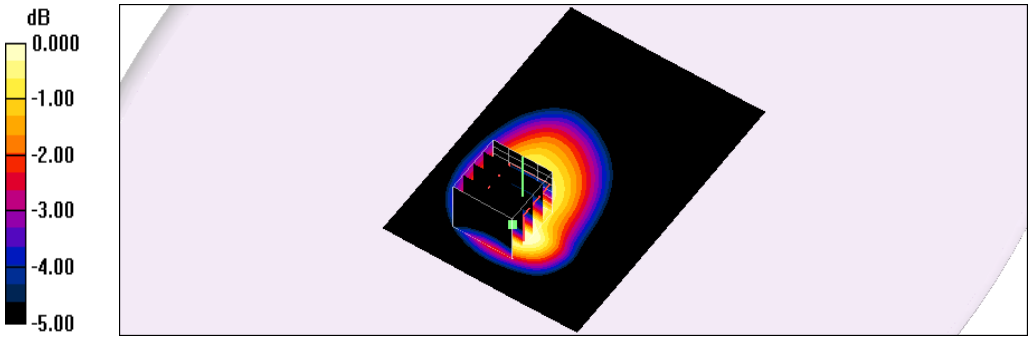
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 822.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 822.5 MHz; σ = 0.976 mho/m; ε_r = 54.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.809 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.6 V/m; Power Drift = -0.016 dB
Peak SAR (extrapolated) = 0.896 W/kg
SAR(1 g) = 0.628 W/kg; SAR(10 g) = 0.453 W/kg
Maximum value of SAR (measured) = 0.749 W/kg



0 dB = 0.749W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/30/2015 10:54:11 PM

143_LTE Band 41 CH39750_QPSK_BW 20M_1 RB Size 0 RB Offset_side 1_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

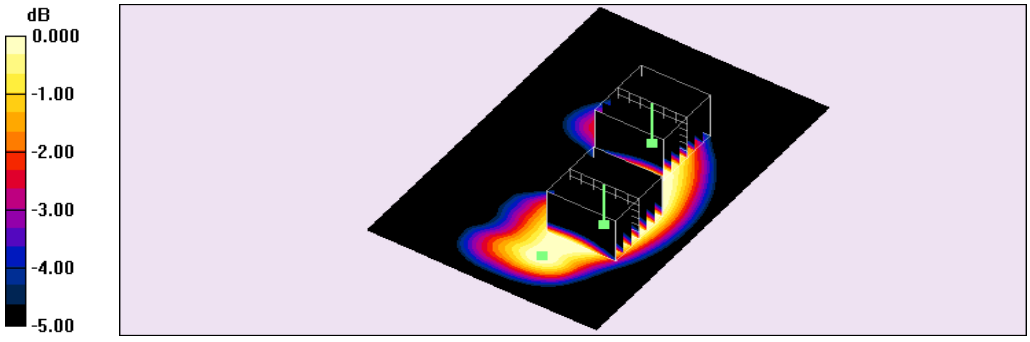
Communication System: Generic LTE; Frequency: 2506 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2506 MHz; σ = 2.13 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (101x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.18 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.5 V/m; Power Drift = -0.106 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.806 W/kg; SAR(10 g) = 0.447 W/kg
Maximum value of SAR (measured) = 1.10 W/kg

Flat/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.5 V/m; Power Drift = -0.106 dB
Peak SAR (extrapolated) = 0.927 W/kg
SAR(1 g) = 0.547 W/kg; SAR(10 g) = 0.316 W/kg
Maximum value of SAR (measured) = 0.737 W/kg



0 dB = 0.737W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/31/2015 07:24:35 AM

142_LTE Band 41 CH40620_QPSK_BW 20M_1 RB Size 0 RB Offset_side 1_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

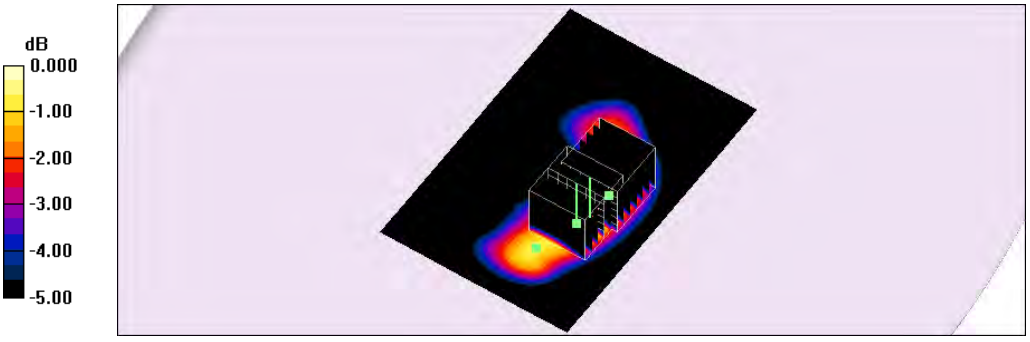
Communication System: Generic LTE; Frequency: 2593 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2593 MHz; σ = 2.11 mho/m; ε_r = 51.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (101x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.14 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.7 V/m; Power Drift = -0.021 dB
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 0.814 W/kg; SAR(10 g) = 0.458 W/kg
Maximum value of SAR (measured) = 1.14 W/kg

Flat/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.7 V/m; Power Drift = -0.021 dB
Peak SAR (extrapolated) = 1.43 W/kg
SAR(1 g) = 0.795 W/kg; SAR(10 g) = 0.448 W/kg
Maximum value of SAR (measured) = 1.11 W/kg



0 dB = 1.11W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/31/2015 08:31:22 AM

144_LTE Band 41 CH41490_QPSK_BW 20M_1 RB Size 0 RB Offset_side 1_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

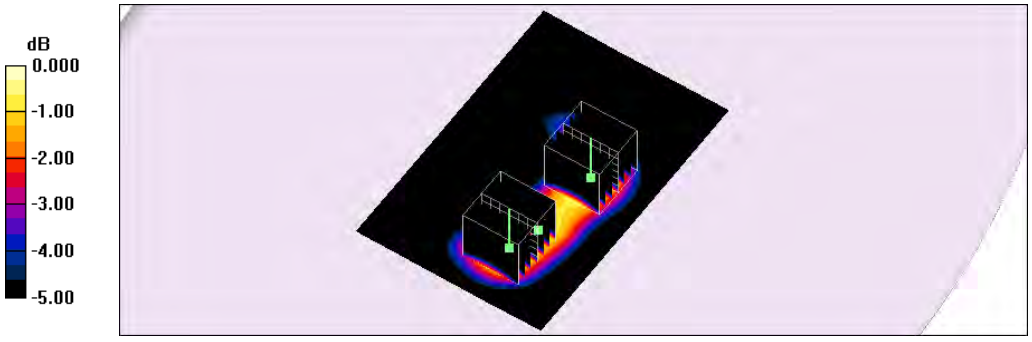
Communication System: Generic LTE; Frequency: 2680 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2680 MHz; σ = 2.23 mho/m; ε_r = 51.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (101x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.733 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.4 V/m; Power Drift = 0.029 dB
Peak SAR (extrapolated) = 0.986 W/kg
SAR(1 g) = 0.497 W/kg; SAR(10 g) = 0.259 W/kg
Maximum value of SAR (measured) = 0.722 W/kg

Flat/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.4 V/m; Power Drift = 0.029 dB
Peak SAR (extrapolated) = 0.873 W/kg
SAR(1 g) = 0.472 W/kg; SAR(10 g) = 0.257 W/kg
Maximum value of SAR (measured) = 0.669 W/kg



0 dB = 0.669W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/30/2015 11:49:25 PM

148_LTE Band 41 CH39750_QPSK_BW 20M_1 RB Size 0 RB Offset_side 2_10mm

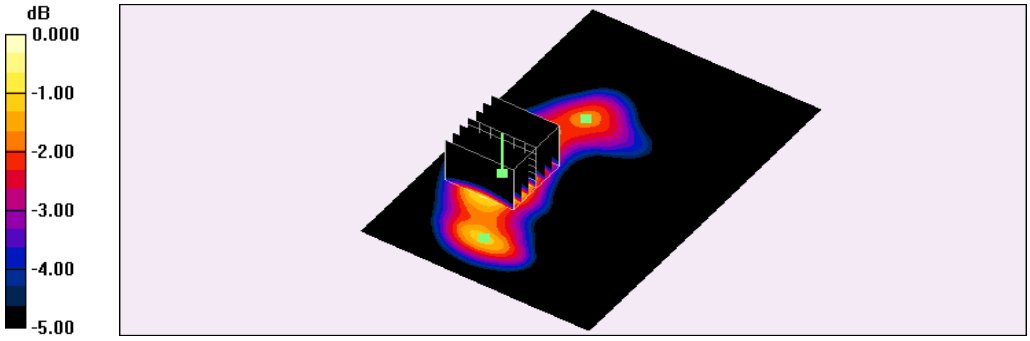
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 2506 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2506 MHz; σ = 2.13 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (101x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.01 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.0 V/m; Power Drift = -0.019 dB
Peak SAR (extrapolated) = 1.27 W/kg
SAR(1 g) = 0.736 W/kg; SAR(10 g) = 0.421 W/kg
Maximum value of SAR (measured) = 1.01 W/kg



0 dB = 1.01W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/31/2015 09:41:06 AM

147_LTE Band 41 CH40620_QPSK_BW 20M_1 RB Size 0 RB Offset_side 2_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

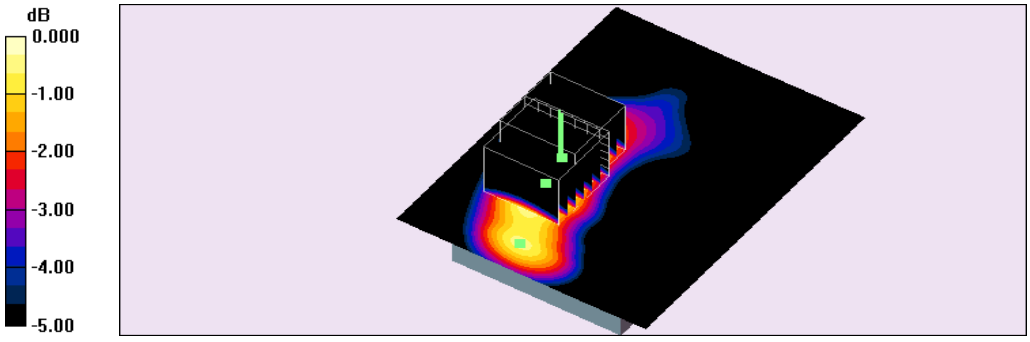
Communication System: Generic LTE; Frequency: 2593 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2593 MHz; σ = 2.11 mho/m; ε_r = 51.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (101x131x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.11 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.0 V/m; Power Drift = -0.080 dB
Peak SAR (extrapolated) = 1.37 W/kg
SAR(1 g) = 0.784 W/kg; SAR(10 g) = 0.451 W/kg
Maximum value of SAR (measured) = 1.07 W/kg

Flat/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.0 V/m; Power Drift = -0.080 dB
Peak SAR (extrapolated) = 1.35 W/kg
SAR(1 g) = 0.769 W/kg; SAR(10 g) = 0.442 W/kg
Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 1.05W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/31/2015 10:37:19 AM

149_LTE Band 41 CH41490_QPSK_BW 20M_1 RB Size 0 RB Offset_side 2_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

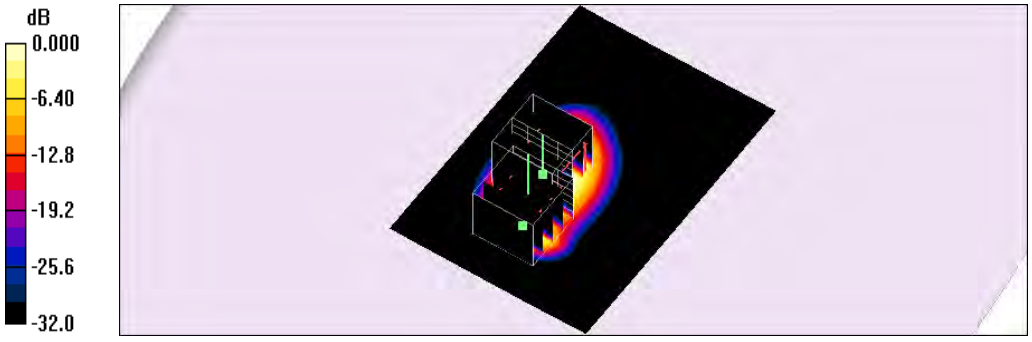
Communication System: Generic LTE; Frequency: 2680 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2680 MHz; σ = 2.23 mho/m; ε_r = 51.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (101x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.712 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.7 V/m; Power Drift = -0.131 dB
Peak SAR (extrapolated) = 0.901 W/kg
SAR(1 g) = 0.490 W/kg; SAR(10 g) = 0.266 W/kg
Maximum value of SAR (measured) = 0.688 W/kg

Flat/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.7 V/m; Power Drift = -0.131 dB
Peak SAR (extrapolated) = 0.903 W/kg
SAR(1 g) = 0.463 W/kg; SAR(10 g) = 0.258 W/kg
Maximum value of SAR (measured) = 0.678 W/kg



0 dB = 0.678W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/31/2015 11:56:44 AM

150_LTE Band 41 CH40620_QPSK_BW 20M_1 RB Size 0 RB Offset_side 3_10mm

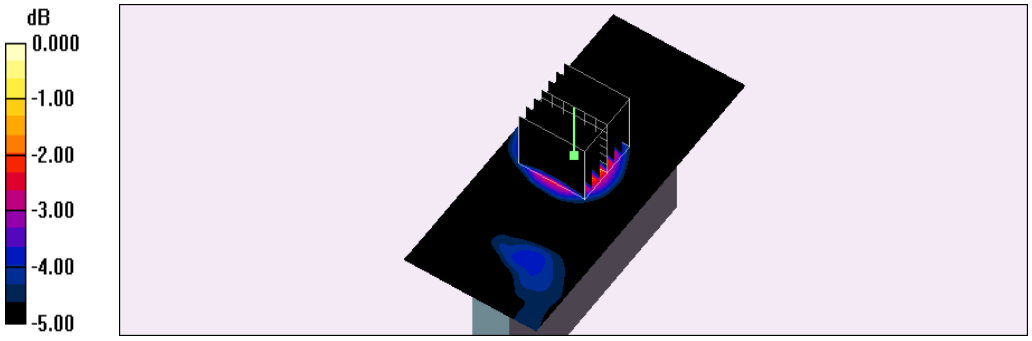
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 2593 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2593 MHz; σ = 2.11 mho/m; ε_r = 51.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (61x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.064 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.31 V/m; Power Drift = 0.063 dB
Peak SAR (extrapolated) = 0.085 W/kg
SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.023 W/kg
Maximum value of SAR (measured) = 0.063 W/kg



0 dB = 0.063W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/31/2015 01:21:02 AM

158_LTE Band 41 CH39750_QPSK_BW 20M_1 RB Size 0 RB Offset_side 4_10mm

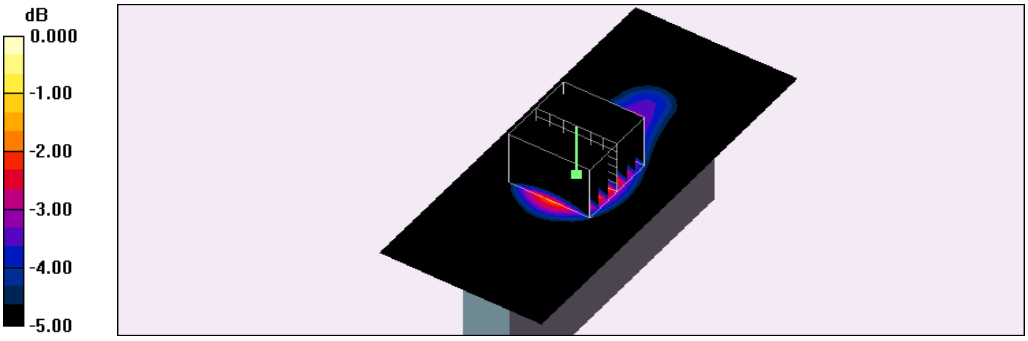
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 2506 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2506 MHz; σ = 2.13 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (61x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.44 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 26.3 V/m; Power Drift = 0.003 dB
Peak SAR (extrapolated) = 1.83 W/kg
SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.566 W/kg
Maximum value of SAR (measured) = 1.45 W/kg



0 dB = 1.45W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/31/2015 01:16:17 PM

153_LTE Band 41 CH40620_QPSK_BW 20M_1 RB Size 0 RB Offset_side 4_10mm

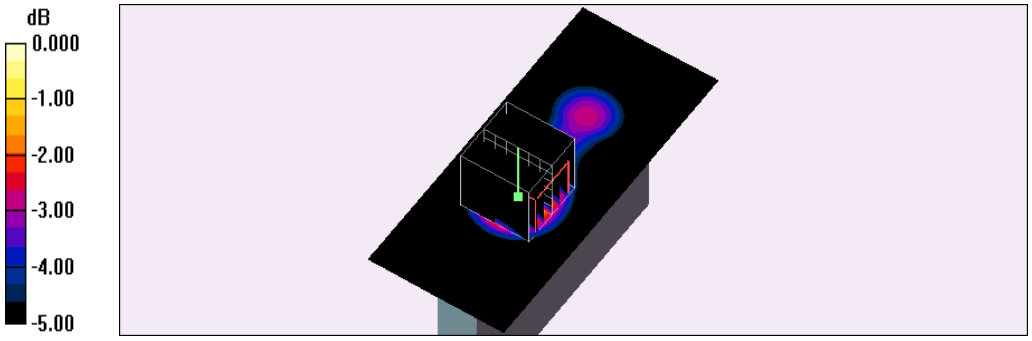
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 2593 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2593 MHz; σ = 2.11 mho/m; ε_r = 51.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (61x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.29 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.9 V/m; Power Drift = 0.100 dB
Peak SAR (extrapolated) = 2.93 W/kg
SAR(1 g) = 0.982 W/kg; SAR(10 g) = 0.355 W/kg
Maximum value of SAR (measured) = 1.24 W/kg



0 dB = 1.24W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/31/2015 02:22:36 PM

159_LTE Band 41 CH41490_QPSK_BW 20M_1 RB Size 0 RB Offset_side 4_10mm

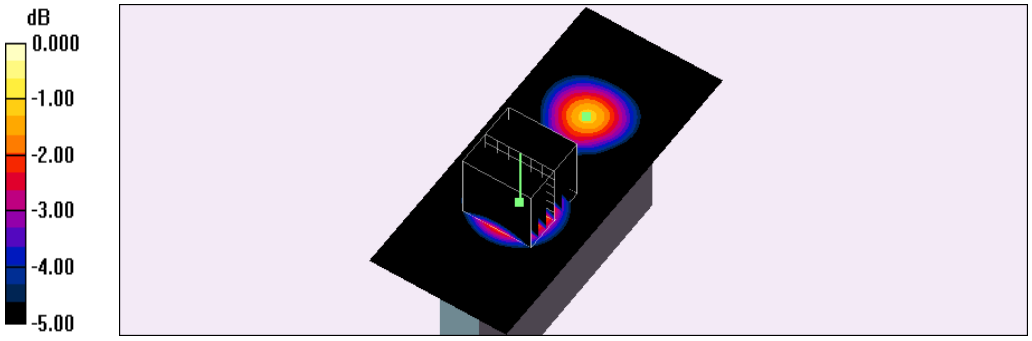
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 2680 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2680 MHz; σ = 2.23 mho/m; ε_r = 51.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (61x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.827 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.5 V/m; Power Drift = -0.069 dB
Peak SAR (extrapolated) = 1.04 W/kg
SAR(1 g) = 0.558 W/kg; SAR(10 g) = 0.288 W/kg
Maximum value of SAR (measured) = 0.796 W/kg



0 dB = 0.796W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/31/2015 03:30:17 PM

154_LTE Band 41 CH40620_QPSK_BW 20M_1 RB Size 0 RB Offset_side 5_10mm

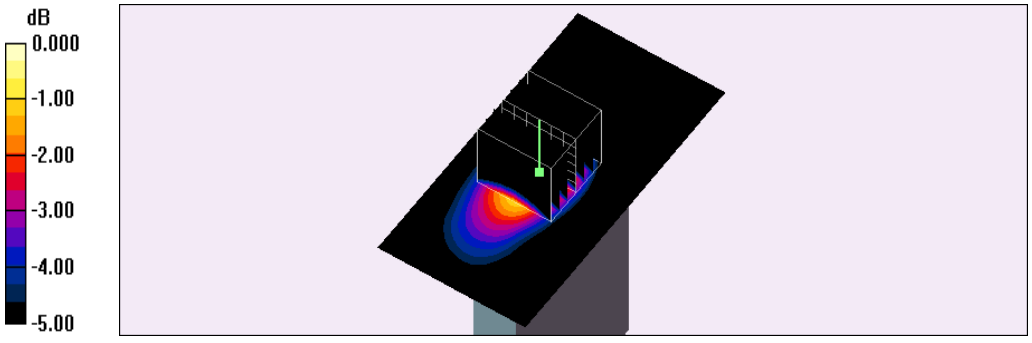
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 2593 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2593 MHz; σ = 2.11 mho/m; ε_r = 51.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.754 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.9 V/m; Power Drift = 0.002 dB
Peak SAR (extrapolated) = 0.965 W/kg
SAR(1 g) = 0.524 W/kg; SAR(10 g) = 0.278 W/kg
Maximum value of SAR (measured) = 0.742 W/kg



0 dB = 0.742W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/31/2015 04:29:59 PM

145_LTE Band 41 CH40620_QPSK_BW 20M_50 RB Size 0 RB Offset_side 1_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

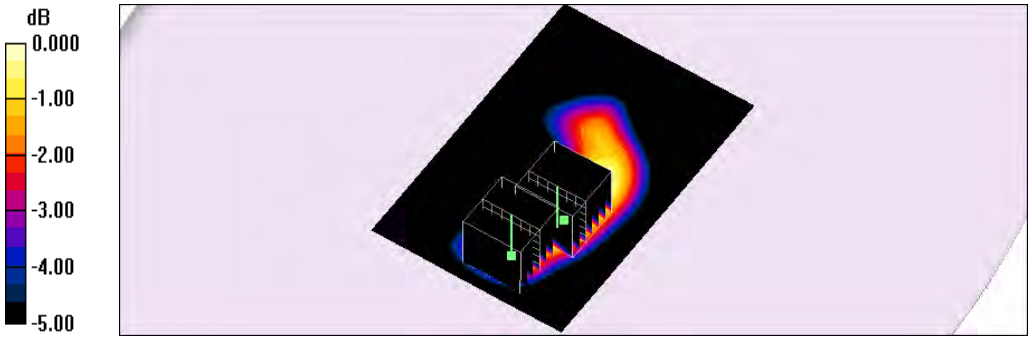
Communication System: Generic LTE; Frequency: 2593 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2593 MHz; σ = 2.11 mho/m; ε_r = 51.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (101x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.749 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.4 V/m; Power Drift = 0.022 dB
Peak SAR (extrapolated) = 0.937 W/kg
SAR(1 g) = 0.522 W/kg; SAR(10 g) = 0.291 W/kg
Maximum value of SAR (measured) = 0.727 W/kg

Flat/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.4 V/m; Power Drift = 0.022 dB
Peak SAR (extrapolated) = 0.889 W/kg
SAR(1 g) = 0.454 W/kg; SAR(10 g) = 0.242 W/kg
Maximum value of SAR (measured) = 0.658 W/kg



0 dB = 0.658W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/31/2015 05:39:13 PM

146_LTE Band 41 CH40620_QPSK_BW 20M_50 RB Size 0 RB Offset_side 2_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

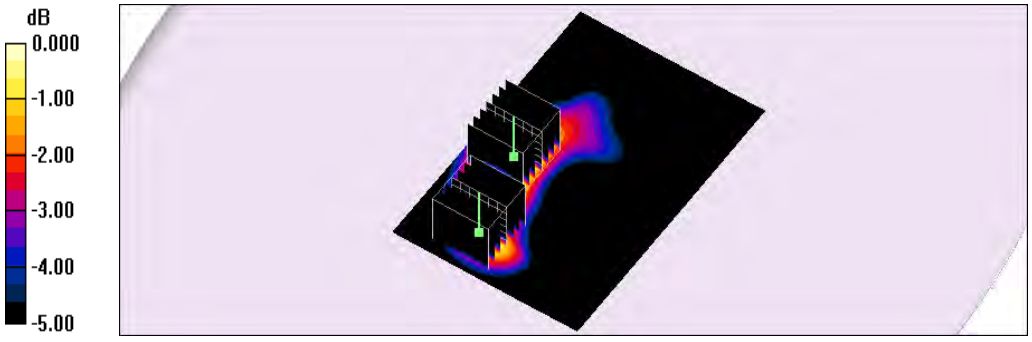
Communication System: Generic LTE; Frequency: 2593 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2593 MHz; σ = 2.11 mho/m; ε_r = 51.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (101x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.779 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.5 V/m; Power Drift = -0.028 dB
Peak SAR (extrapolated) = 0.998 W/kg
SAR(1 g) = 0.561 W/kg; SAR(10 g) = 0.315 W/kg
Maximum value of SAR (measured) = 0.778 W/kg

Flat/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.5 V/m; Power Drift = -0.028 dB
Peak SAR (extrapolated) = 0.876 W/kg
SAR(1 g) = 0.459 W/kg; SAR(10 g) = 0.246 W/kg
Maximum value of SAR (measured) = 0.663 W/kg



0 dB = 0.663W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/31/2015 06:47:22 PM

151_LTE Band 41 CH40620_QPSK_BW 20M_50 RB Size 0 RB Offset_side 3_10mm

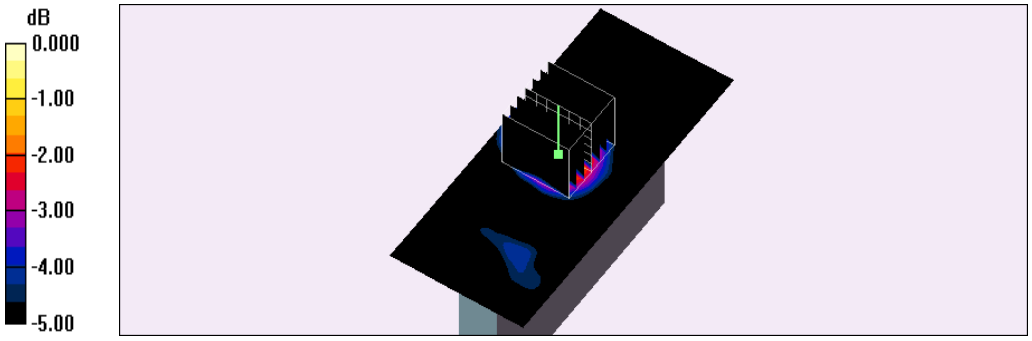
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 2593 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2593 MHz; σ = 2.11 mho/m; ε_r = 51.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (61x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.056 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.96 V/m; Power Drift = 0.028 dB
Peak SAR (extrapolated) = 0.074 W/kg
SAR(1 g) = 0.037 W/kg; SAR(10 g) = 0.019 W/kg
Maximum value of SAR (measured) = 0.054 W/kg



0 dB = 0.054W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/31/2015 02:37:24 AM

156_LTE Band 41 CH39750_QPSK_BW 20M_50 RB Size 0 RB Offset_side 4_10mm

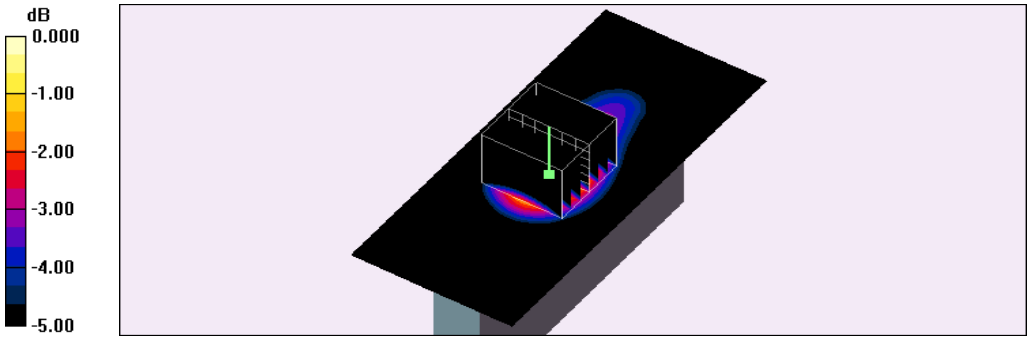
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 2506 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2506 MHz; σ = 2.13 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (61x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.25 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.7 V/m; Power Drift = -0.067 dB
Peak SAR (extrapolated) = 1.60 W/kg
SAR(1 g) = 0.899 W/kg; SAR(10 g) = 0.490 W/kg
Maximum value of SAR (measured) = 1.25 W/kg



0 dB = 1.25W/kg

Test Laboratory: A Test Lab Techno Corp.

Date/Time: 7/31/2015 07:51:39 PM

152_LTE Band 41 CH40620_QPSK_BW 20M_50 RB Size 0 RB Offset_side 4_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 2593 MHz;Duty Cycle: 1:1

Medium parameters used: f = 2593 MHz; σ = 2.11 mho/m; ε_r = 51.5; ρ = 1000 kg/m^3

Phantom section: Flat Section

Measurement Standard: DASY4 (High Precision Assessment)

DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (61x141x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.12 W/kg

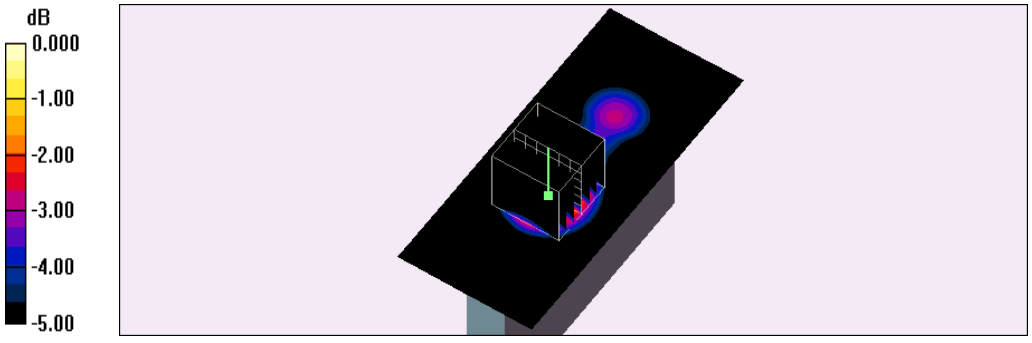
Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.2 V/m; Power Drift = -0.019 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.786 W/kg; SAR(10 g) = 0.417 W/kg

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



0 dB = 1.10W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/31/2015 09:04:08 PM

157_LTE Band 41 CH41490_QPSK_BW 20M_50 RB Size 0 RB Offset_side 4_10mm

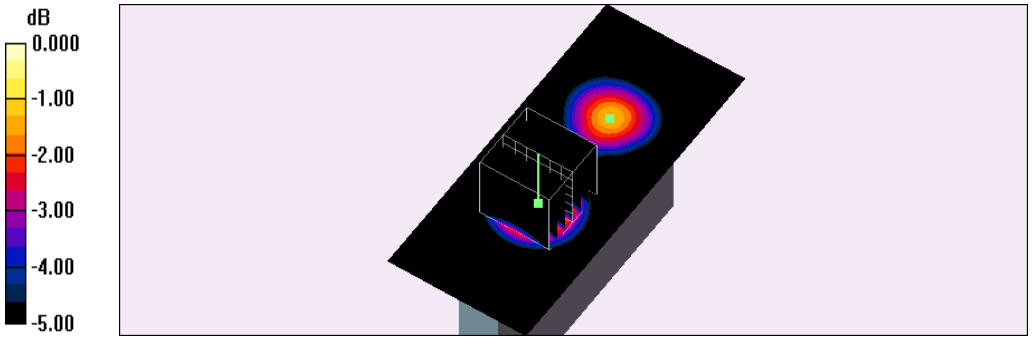
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 2680 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2680 MHz; σ = 2.23 mho/m; ε_r = 51.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (61x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.813 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.4 V/m; Power Drift = -0.018 dB
Peak SAR (extrapolated) = 1.04 W/kg
SAR(1 g) = 0.555 W/kg; SAR(10 g) = 0.286 W/kg
Maximum value of SAR (measured) = 0.797 W/kg



0 dB = 0.797W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/31/2015 10:13:24 PM

155_LTE Band 41 CH40620_QPSK_BW 20M_50 RB Size 0 RB Offset_side 5_10mm

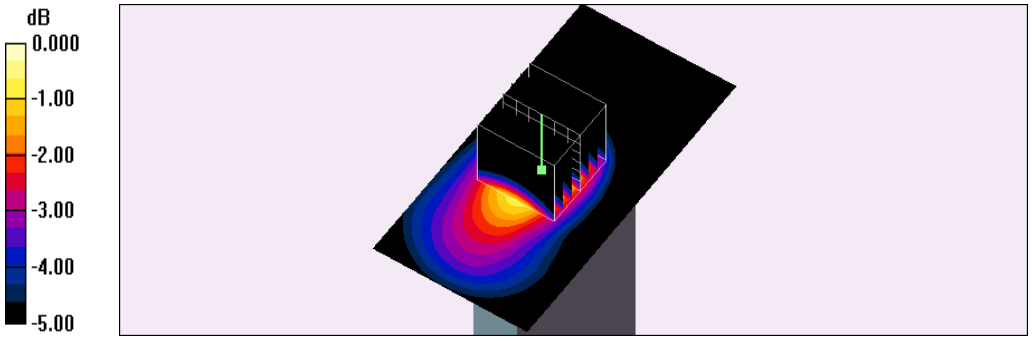
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 2593 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2593 MHz; σ = 2.11 mho/m; ε_r = 51.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.588 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.6 V/m; Power Drift = -0.037 dB
Peak SAR (extrapolated) = 0.766 W/kg
SAR(1 g) = 0.402 W/kg; SAR(10 g) = 0.212 W/kg
Maximum value of SAR (measured) = 0.577 W/kg



0 dB = 0.577W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/31/2015 11:26:47 PM

207_LTE Band 41 CH41490_QPSK_BW 20M_100 RB Size 0 RB Offset_side 1_10mm

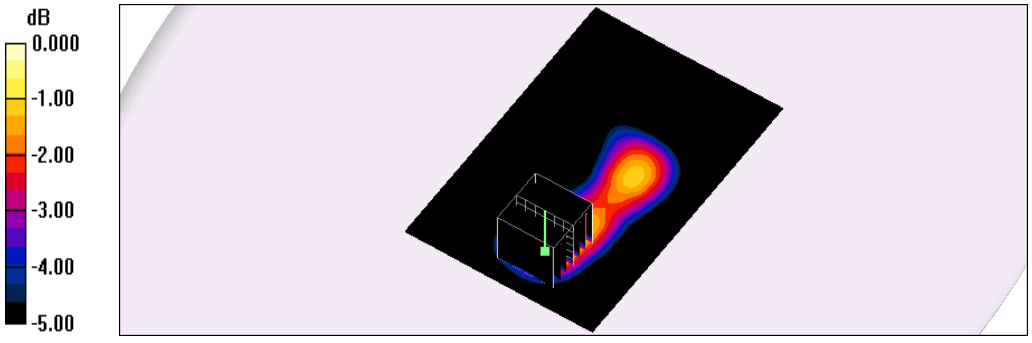
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 2680 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2680 MHz; σ = 2.23 mho/m; ε_r = 51.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (101x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.608 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.7 V/m; Power Drift = -0.060 dB
Peak SAR (extrapolated) = 0.834 W/kg
SAR(1 g) = 0.416 W/kg; SAR(10 g) = 0.215 W/kg
Maximum value of SAR (measured) = 0.611 W/kg



0 dB = 0.611W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/1/2015 12:40:13 AM

208_LTE Band 41 CH41490_QPSK_BW 20M_100 RB Size 0 RB Offset_side 2_10mm

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

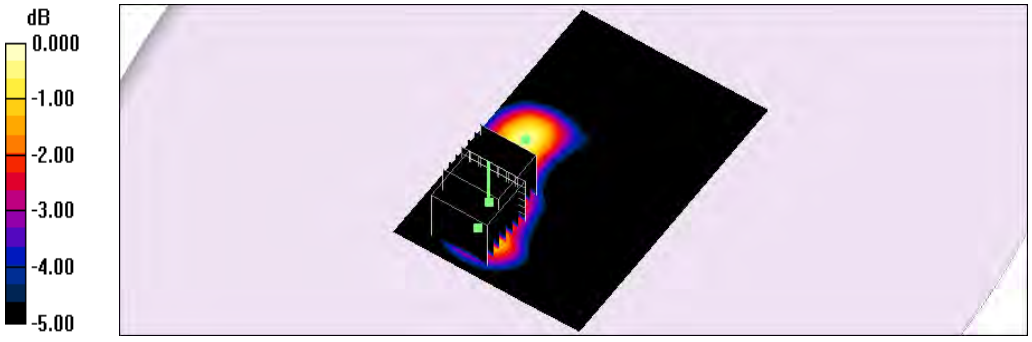
Communication System: Generic LTE; Frequency: 2680 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2680 MHz; σ = 2.23 mho/m; ε_r = 51.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (101x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.603 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.3 V/m; Power Drift = -0.026 dB
Peak SAR (extrapolated) = 0.816 W/kg
SAR(1 g) = 0.417 W/kg; SAR(10 g) = 0.226 W/kg
Maximum value of SAR (measured) = 0.608 W/kg

Flat/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 16.3 V/m; Power Drift = -0.026 dB
Peak SAR (extrapolated) = 0.797 W/kg
SAR(1 g) = 0.404 W/kg; SAR(10 g) = 0.222 W/kg
Maximum value of SAR (measured) = 0.595 W/kg



0 dB = 0.595W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 8/1/2015 01:53:31 AM

209_LTE Band 41 CH41490_QPSK_BW 20M_100 RB Size 0 RB Offset_side 4_10mm

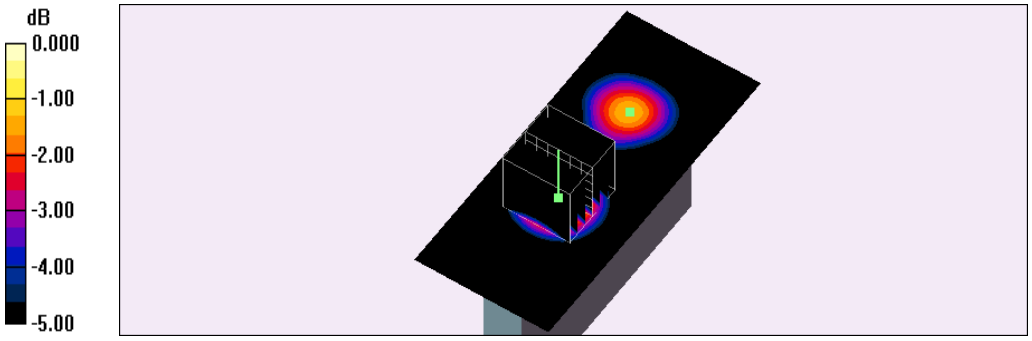
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 2680 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2680 MHz; σ = 2.23 mho/m; ε_r = 51.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (61x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.797 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.1 V/m; Power Drift = 0.001 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.550 W/kg; SAR(10 g) = 0.280 W/kg
Maximum value of SAR (measured) = 0.800 W/kg



0 dB = 0.800W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/16/2015 10:11:28 PM

195_LTE Band 2 CH19100_QPSK_BW 20M_1 RB Size 0 RB Offset_side 2_10mm_original #194_measurement once

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

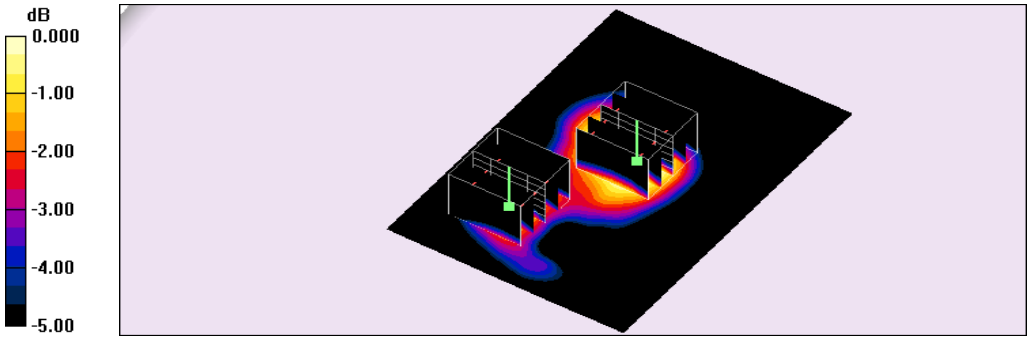
Communication System: Generic LTE; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.47 mho/m; ε_r = 52; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 25.1 V/m; Power Drift = -0.135 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.737 W/kg; SAR(10 g) = 0.467 W/kg
Maximum value of SAR (measured) = 0.938 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.1 V/m; Power Drift = -0.135 dB
Peak SAR (extrapolated) = 1.08 W/kg
SAR(1 g) = 0.648 W/kg; SAR(10 g) = 0.368 W/kg
Maximum value of SAR (measured) = 0.874 W/kg



0 dB = 0.874W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/17/2015 10:01:23 PM

200_LTE Band 4 CH20175_QPSK_BW 20M_50 RB Size 0 RB Offset_side 2_10mm_original #84_measurement once

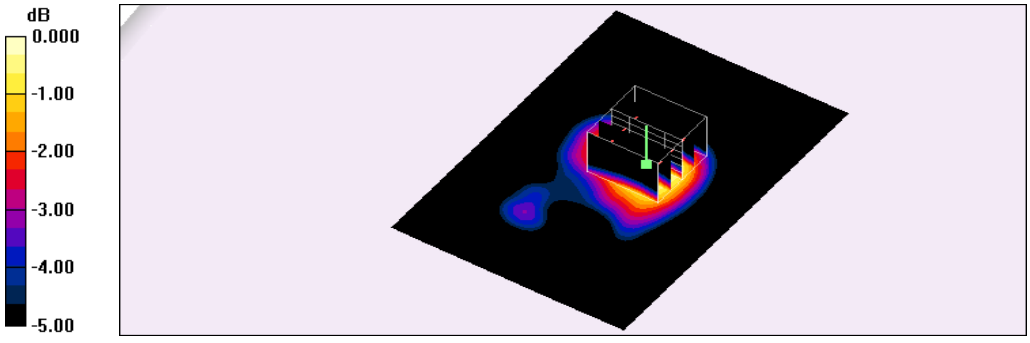
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1732.5 MHz; σ = 1.5 mho/m; ε_r = 55.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.29 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.7 V/m; Power Drift = -0.026 dB
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 0.978 W/kg; SAR(10 g) = 0.623 W/kg
Maximum value of SAR (measured) = 1.23 W/kg



0 dB = 1.23W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/30/2015 01:07:01 PM

193_LTE Band 5 CH20600_QPSK_BW 10M_1 RB Size 0 RB Offset_side 2_10mm_original #109_measurement once

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

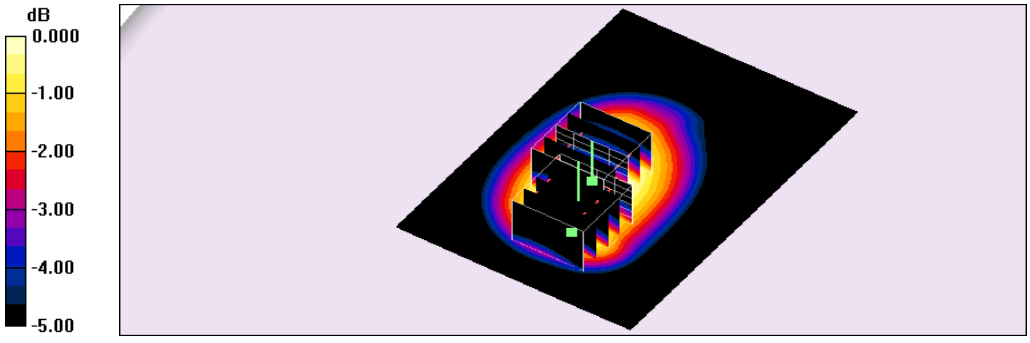
Communication System: Generic LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium parameters used: f = 844 MHz; σ = 1.01 mho/m; ε_r = 55.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.13 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 34.1 V/m; Power Drift = -0.016 dB
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.978 W/kg; SAR(10 g) = 0.731 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 = 34.1 V/m; Power Drift = -0.016 dB
Peak SAR (extrapolated) = 1.20 W/kg
SAR(1 g) = 0.853 W/kg; SAR(10 g) = 0.604 W/kg
Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.06W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/21/2015 05:16:34 AM

206_LTE Band 12 CH23130_QPSK_BW 10M_1 RB Size 0 RB Offset_side 2_10mm_original #49_measurement once

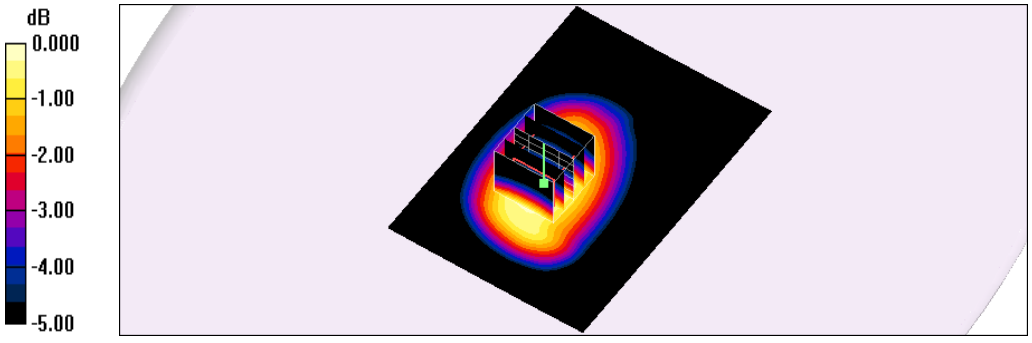
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 711 MHz;Duty Cycle: 1:1
Medium parameters used: f = 711 MHz; σ = 0.958 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.15 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 35.2 V/m; Power Drift = -0.001 dB
Peak SAR (extrapolated) = 1.27 W/kg
SAR(1 g) = 0.985 W/kg; SAR(10 g) = 0.738 W/kg
Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.14W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/23/2015 02:53:05 AM

197_LTE Band 25 CH26140_QPSK_BW 20M_1 RB Size 0 RB Offset_side 2_10mm_original #68_measurement once

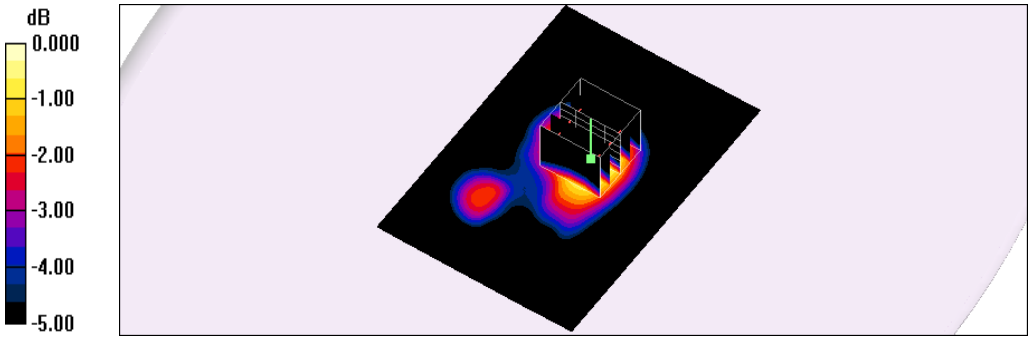
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 1860 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1860 MHz; σ = 1.47 mho/m; ε_r = 52.3; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.59 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.7 V/m; Power Drift = -0.021 dB
Peak SAR (extrapolated) = 1.80 W/kg
SAR(1 g) = 1.2 W/kg; SAR(10 g) = 0.762 W/kg
Maximum value of SAR (measured) = 1.51 W/kg



0 dB = 1.51W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/30/2015 09:22:01 PM

203_LTE Band 26 CH26965_QPSK_BW 15M_1 RB Size 0 RB Offset_side 2_10mm_original #95_measurement once

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

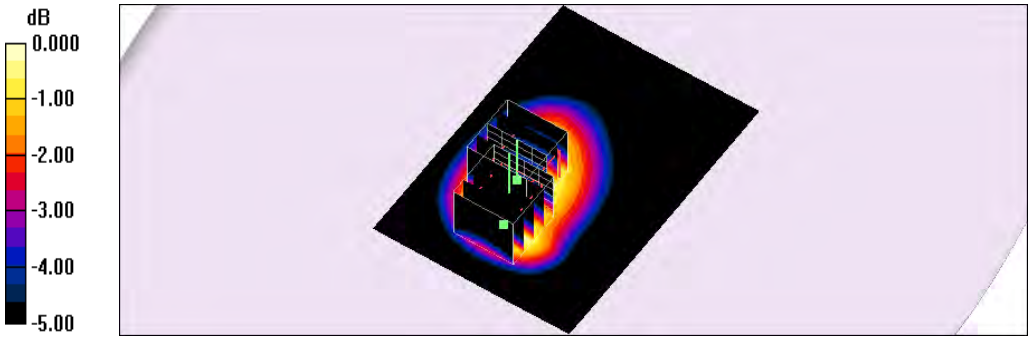
Communication System: Generic LTE; Frequency: 841.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 841.5 MHz; σ = 0.994 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
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 = 36.1 V/m; Power Drift = 0.015 dB
Peak SAR (extrapolated) = 1.43 W/kg
SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.824 W/kg
Maximum value of SAR (measured) = 1.29 W/kg

Flat/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 36.1 V/m; Power Drift = 0.015 dB
Peak SAR (extrapolated) = 1.42 W/kg
SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.732 W/kg
Maximum value of SAR (measured) = 1.27 W/kg



0 dB = 1.27W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/30/2015 10:02:17 PM

267_LTE Band 26 CH26965_QPSK_BW 15M_1 RB Size 0 RB Offset_side 2_10mm_original #95_measurement twice

DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

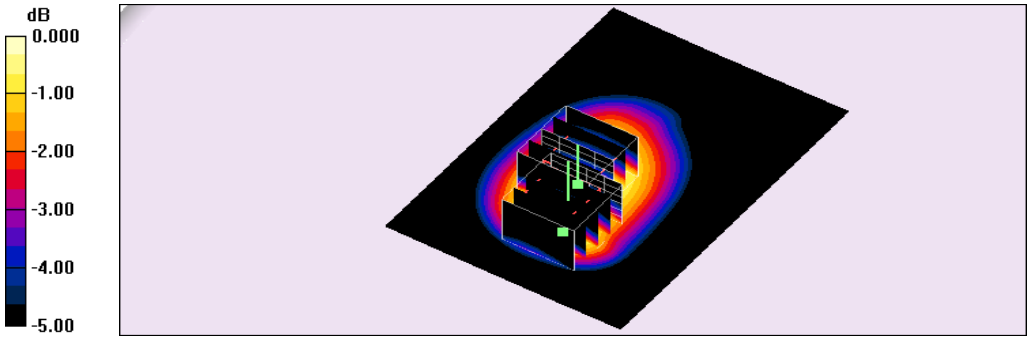
Communication System: Generic LTE; Frequency: 841.5 MHz;Duty Cycle: 1:1
Medium parameters used: f = 841.5 MHz; σ = 0.994 mho/m; ε_r = 54.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 Configuration:

- 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.24 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 35.9 V/m; Power Drift = 0.094 dB
Peak SAR (extrapolated) = 1.40 W/kg
SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.809 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 = 35.9 V/m; Power Drift = 0.094 dB
Peak SAR (extrapolated) = 1.36 W/kg
SAR(1 g) = 0.986 W/kg; SAR(10 g) = 0.701 W/kg
Maximum value of SAR (measured) = 1.21 W/kg



0 dB = 1.21W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 7/31/2015 03:28:57 AM

210_LTE Band 41 CH39750_QPSK_BW 20M_1 RB Size 0 RB Offset_side 4_10mm_original #158_measurement once

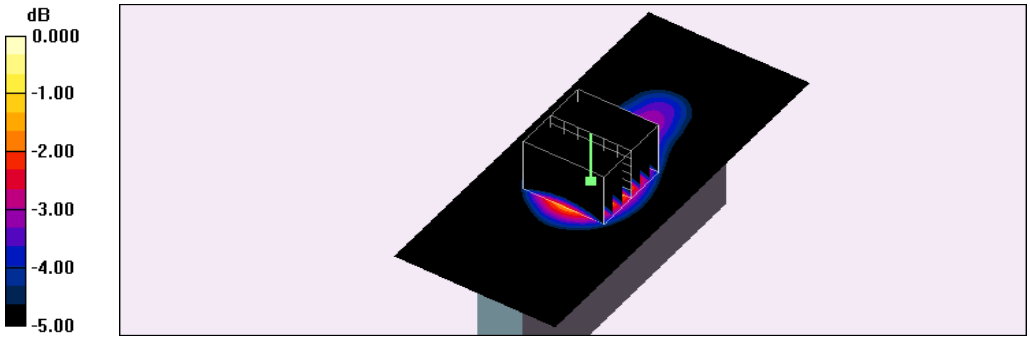
DUT: AC810S-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: Generic LTE; Frequency: 2506 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2506 MHz; σ = 2.13 mho/m; ε_r = 52.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (61x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.39 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.6 V/m; Power Drift = -0.112 dB
Peak SAR (extrapolated) = 1.67 W/kg
SAR(1 g) = 0.950 W/kg; SAR(10 g) = 0.521 W/kg
Maximum value of SAR (measured) = 1.32 W/kg



0 dB = 1.32W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/16/2015 10:52:08 PM

286_802.11b CH1_1M_side 2_10mm_Antenna1

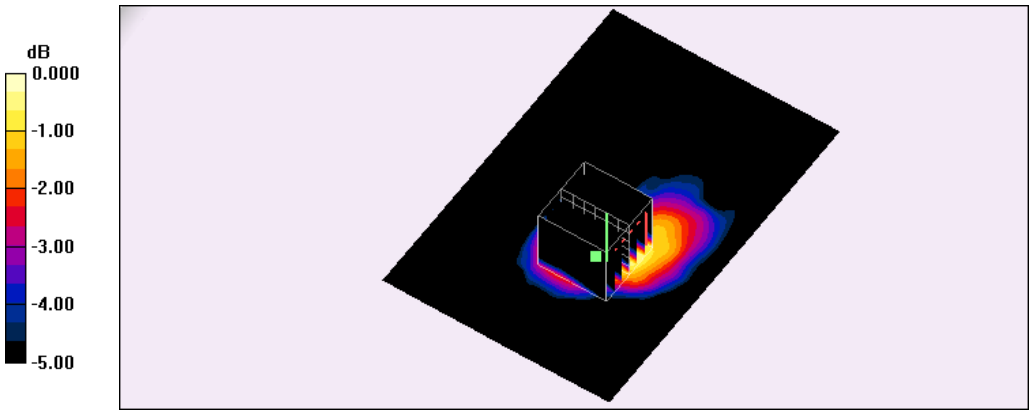
DUT: AC810-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: IEEE 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.88 mho/m; ε_r = 50.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (101x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.049 W/Kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.94 V/m; Power Drift = 0.157 dB
Peak SAR (extrapolated) = 0.062 W/kg
SAR(1 g) = 0.035 W/Kg; SAR(10 g) = 0.020 W/Kg
Maximum value of SAR (measured) = 0.047 W/Kg



0 dB = 0.047W/Kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/16/2015 09:15:54 PM

268_802.11b CH1_1M_side 3_10mm_Antenna1

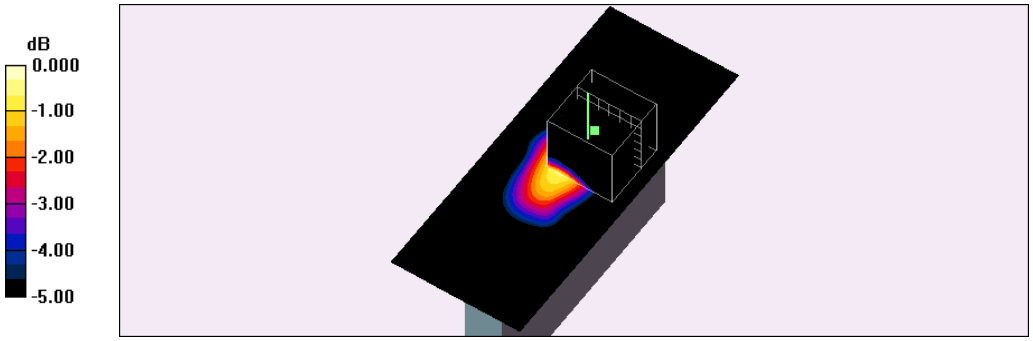
DUT: AC810-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: IEEE 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.88 mho/m; ε_r = 50.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (61x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.064 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.97 V/m; Power Drift = -0.185 dB
Peak SAR (extrapolated) = 0.080 W/kg
SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.021 W/kg
Maximum value of SAR (measured) = 0.062 W/kg



0 dB = 0.062W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/16/2015 11:48:51 PM

288_802.11b CH1_1M_side 4_10mm_Antenna1

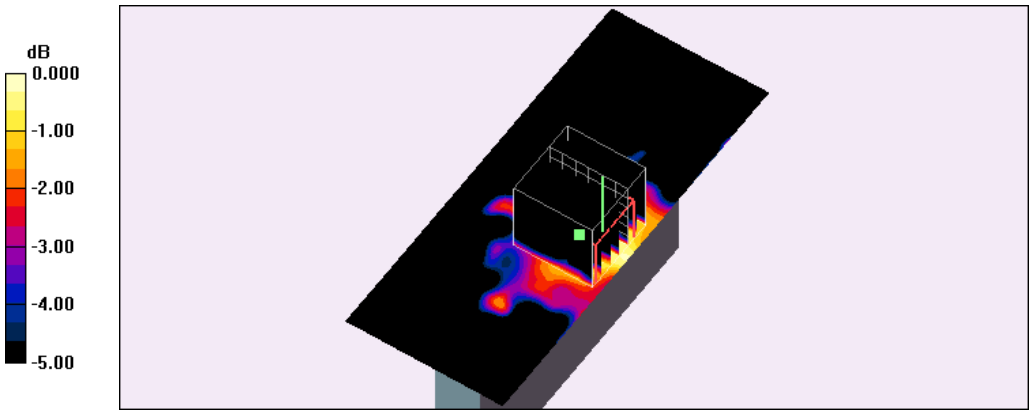
DUT: AC810-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: IEEE 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.88 mho/m; ε_r = 50.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (61x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.011 W/Kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.46 V/m; Power Drift = 0.156 dB
Peak SAR (extrapolated) = 0.014 W/kg
SAR(1 g) = 0.00722 W/Kg; SAR(10 g) = 0.00325 W/Kg
Maximum value of SAR (measured) = 0.011 W/Kg



0 dB = 0.011W/Kg

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Date/Time: 9/17/2015 12:43:25 AM

287_802.11b CH1_1M_side 2_10mm_Antenna2

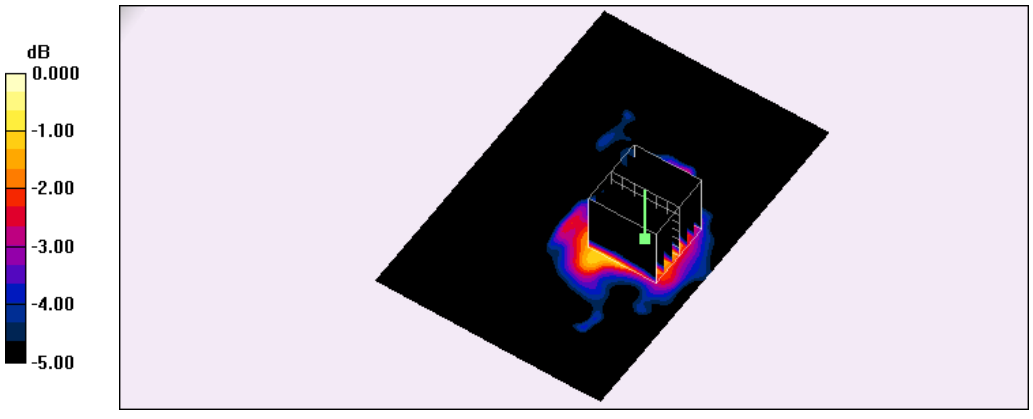
DUT: AC810-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: IEEE 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.88 mho/m; ε_r = 50.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (101x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.030 W/Kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.19 V/m; Power Drift = -0.045 dB
Peak SAR (extrapolated) = 0.036 W/kg
SAR(1 g) = 0.021 W/Kg; SAR(10 g) = 0.011 W/Kg
Maximum value of SAR (measured) = 0.029 W/Kg



0 dB = 0.029W/Kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/16/2015 09:56:15 PM

269_802.11b CH1_1M_side 3_10mm_Antenna2

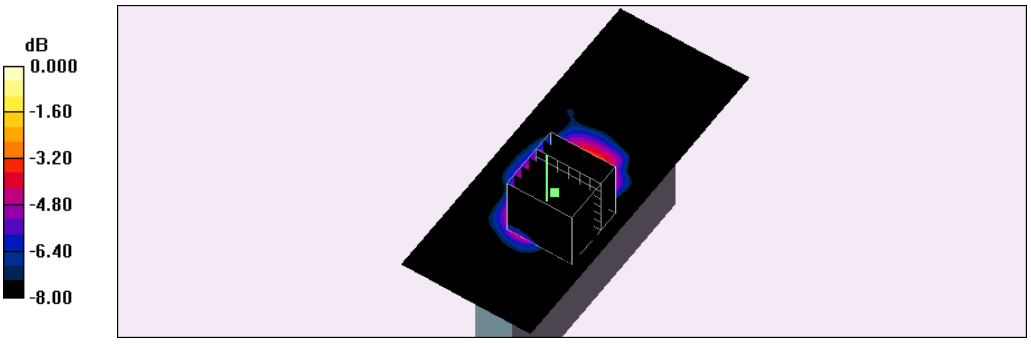
DUT: AC810-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: IEEE 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.88 mho/m; ε_r = 50.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (61x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.052 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.23 V/m; Power Drift = -0.009 dB
Peak SAR (extrapolated) = 0.066 W/kg
SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.014 W/kg
Maximum value of SAR (measured) = 0.050 W/kg



0 dB = 0.050W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/17/2015 01:38:00 AM

289_802.11b CH1_1M_side 4_10mm_Antenna2

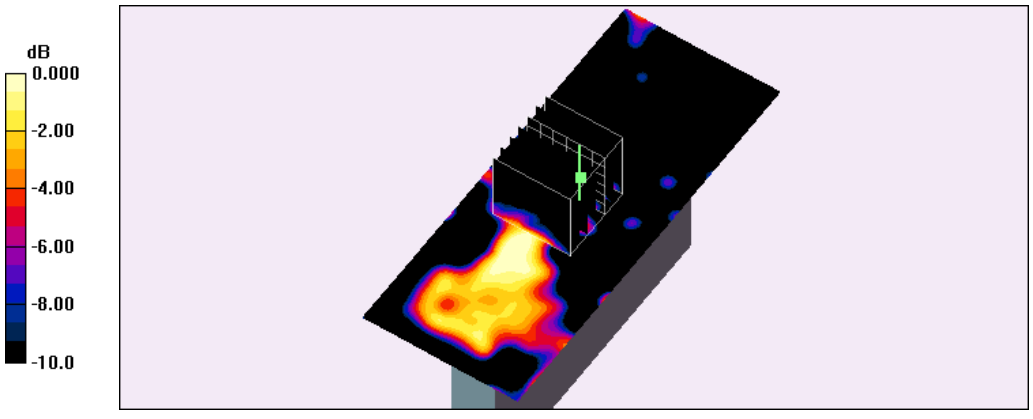
DUT: AC810-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: IEEE 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.88 mho/m; ε_r = 50.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (61x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.031 W/Kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.64 V/m; Power Drift = 0.154 dB
Peak SAR (extrapolated) = 0.030 W/kg
SAR(1 g) = 0.0057 W/Kg; SAR(10 g) = 0.00194 W/Kg
Maximum value of SAR (measured) = 0.012 W/Kg



0 dB = 0.012W/Kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/23/2015 05:26:33 PM

280_802.11a CH36_6M_side 1_10mm_Antenna1

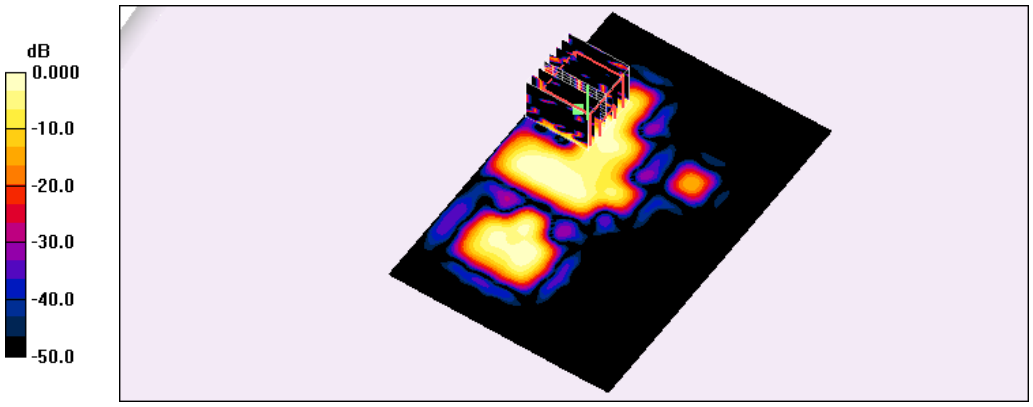
DUT: AC810-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: IEEE 802.11a; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5180 MHz; σ = 5.5 mho/m; ε_r = 47.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (101x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.196 W/kg

Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.68 V/m; Power Drift = -0.005 dB
Peak SAR (extrapolated) = 0.494 W/kg
SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.014 W/kg
Maximum value of SAR (measured) = 0.082 W/kg



0 dB = 0.082W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/24/2015 09:41:15 AM

275_802.11a CH153_6M_side 1_10mm_Antenna1

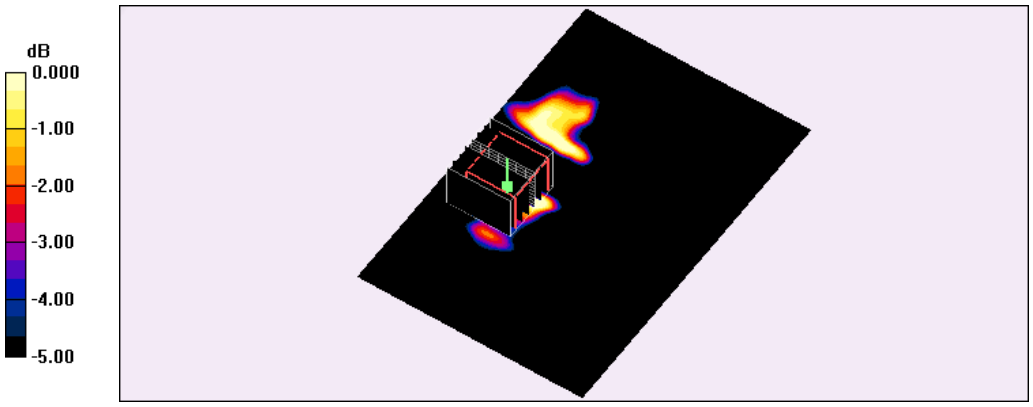
DUT: AC810-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: IEEE 802.11a; Frequency: 5765 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5765 MHz; σ = 6.23 mho/m; ε_r = 46.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (101x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.260 W/kg

Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.94 V/m; Power Drift = 0.140 dB
Peak SAR (extrapolated) = 0.498 W/kg
SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.020 W/kg
Maximum value of SAR (measured) = 0.130 W/kg



0 dB = 0.130W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/23/2015 06:57:14 PM

281_802.11a CH36_6M_side 1_10mm_Antenna2

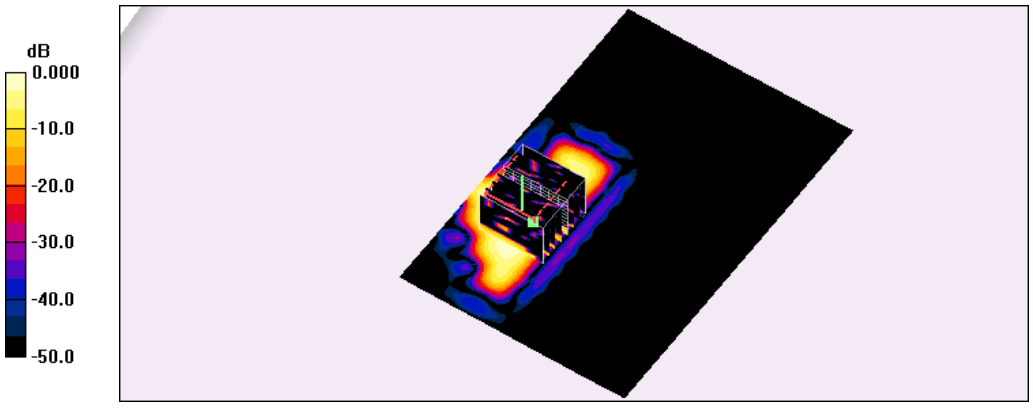
DUT: AC810-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: IEEE 802.11a; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5180 MHz; σ = 5.5 mho/m; ε_r = 47.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (101x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.140 W/kg

Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.33 V/m; Power Drift = 0.146 dB
Peak SAR (extrapolated) = 0.241 W/kg
SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.016 W/kg
Maximum value of SAR (measured) = 0.103 W/kg



0 dB = 0.103W/kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/24/2015 11:07:27 AM

282_802.11a CH153_6M_side 1_10mm_Antenna2

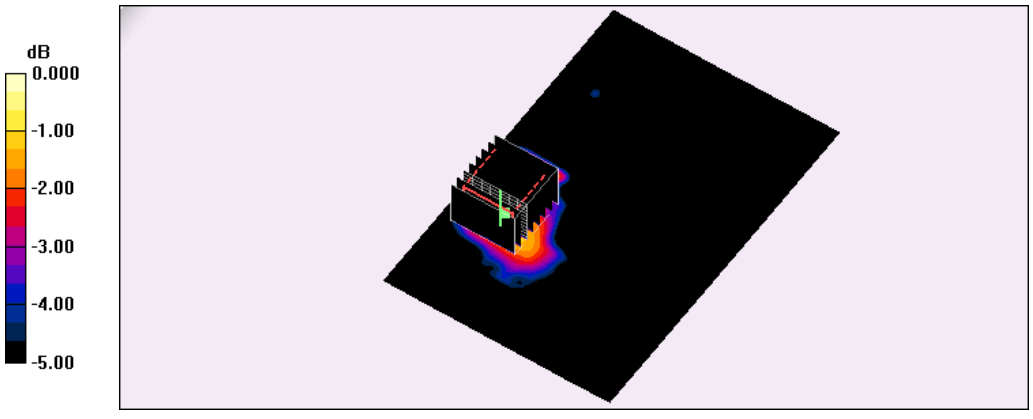
DUT: AC810-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: IEEE 802.11a; Frequency: 5765 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5765 MHz; σ = 6.23 mho/m; ε_r = 46.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (101x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.162 W/Kg

Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 5.23 V/m; Power Drift = -0.008 dB
Peak SAR (extrapolated) = 0.498 W/kg
SAR(1 g) = 0.080 W/Kg; SAR(10 g) = 0.032 W/Kg
Maximum value of SAR (measured) = 0.163 W/Kg



0 dB = 0.163W/Kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/23/2015 08:03:59 PM

296_802.11a CH36_6M_side 2_10mm_Antenna1

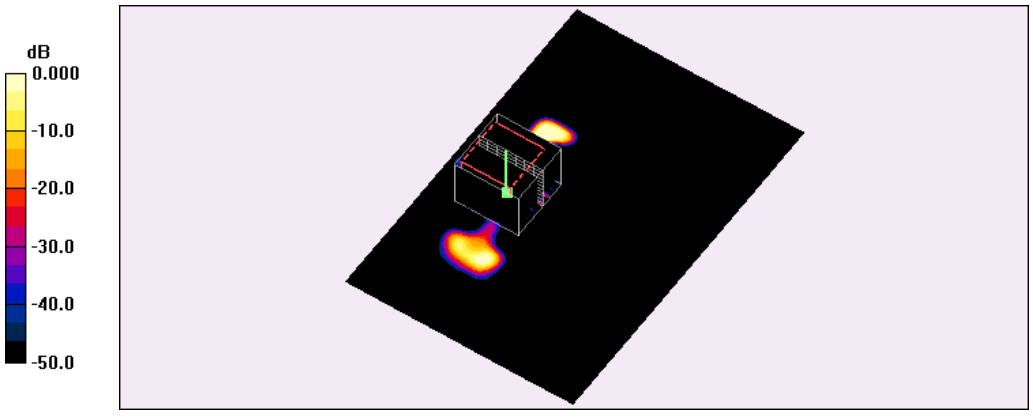
DUT: AC810-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: IEEE 802.11a; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5180 MHz; σ = 5.5 mho/m; ε_r = 47.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (101x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.082 W/Kg

Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.47 V/m; Power Drift = -0.077 dB
Peak SAR (extrapolated) = 0.415 W/kg
SAR(1 g) = 0.036 W/Kg; SAR(10 g) = 0.013 W/Kg
Maximum value of SAR (measured) = 0.069 W/Kg



0 dB = 0.069W/Kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/24/2015 12:39:16 PM

297_802.11a CH153_6M_side 2_10mm_Antenna1

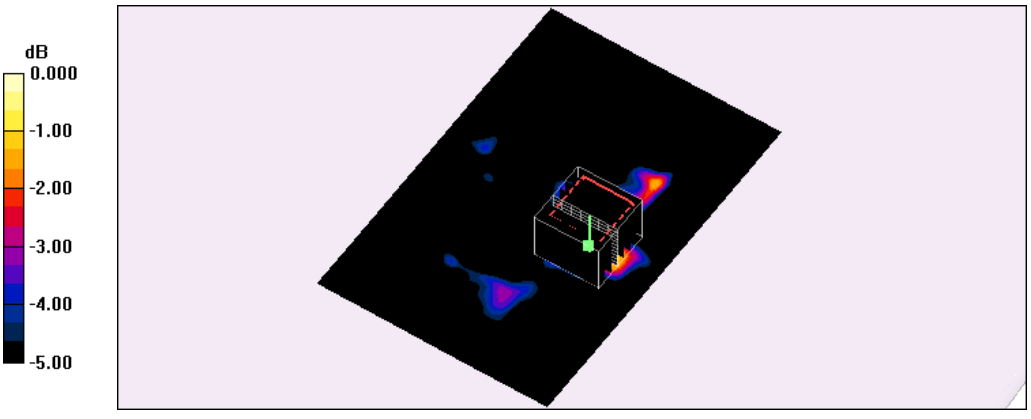
DUT: AC810-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: IEEE 802.11a; Frequency: 5765 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5765 MHz; σ = 6.23 mho/m; ε_r = 46.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (101x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.135 W/Kg

Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.47 V/m; Power Drift = 0.167 dB
Peak SAR (extrapolated) = 0.500 W/kg
SAR(1 g) = 0.057 W/Kg; SAR(10 g) = 0.022 W/Kg
Maximum value of SAR (measured) = 0.139 W/Kg



0 dB = 0.139W/Kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/23/2015 10:53:41 PM

294_802.11a CH36_6M_side 2_10mm_Antenna2

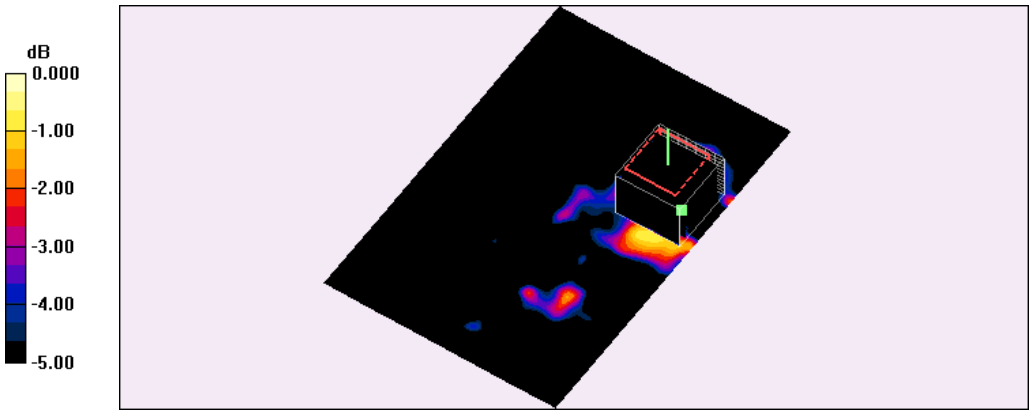
DUT: AC810-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: IEEE 802.11a; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5180 MHz; σ = 5.5 mho/m; ε_r = 47.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (101x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.065 W/Kg

Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.90 V/m; Power Drift = -0.072 dB
Peak SAR (extrapolated) = 0.299 W/kg
SAR(1 g) = 0.027 W/Kg; SAR(10 g) = 0.00846 W/Kg
Maximum value of SAR (measured) = 0.072 W/Kg



0 dB = 0.072W/Kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/24/2015 02:13:39 PM

295_802.11a CH153_6M_side 2_10mm_Antenna2

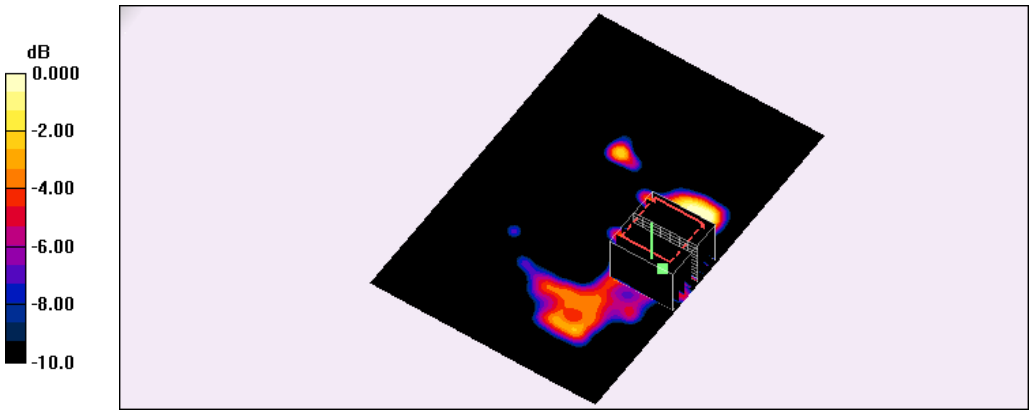
DUT: AC810-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: IEEE 802.11a; Frequency: 5765 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5765 MHz; σ = 6.23 mho/m; ε_r = 46.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (101x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.217 W/Kg

Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 4.47 V/m; Power Drift = -0.070 dB
Peak SAR (extrapolated) = 0.541 W/kg
SAR(1 g) = 0.060 W/Kg; SAR(10 g) = 0.023 W/Kg
Maximum value of SAR (measured) = 0.139 W/Kg



0 dB = 0.139W/Kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/24/2015 12:25:10 AM

276_802.11a CH36_6M_side 3_10mm_Antenna1

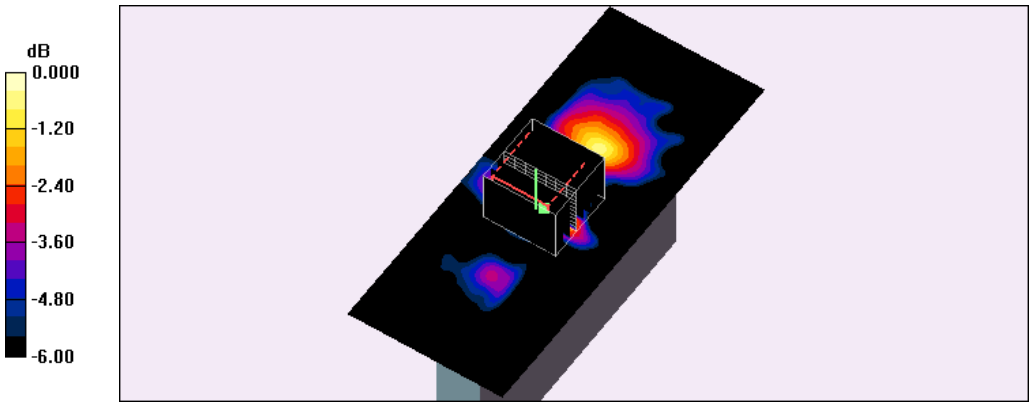
DUT: AC810-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: IEEE 802.11a; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5180 MHz; σ = 5.5 mho/m; ε_r = 47.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (61x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.161 W/kg

Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 5.56 V/m; Power Drift = 0.098 dB
Peak SAR (extrapolated) = 0.341 W/kg
SAR(1 g) = 0.078 W/kg; SAR(10 g) = 0.024 W/kg
Maximum value of SAR (measured) = 0.169 W/kg



0 dB = 0.169W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/24/2015 03:47:08 PM

277_802.11a CH153_6M_side 3_10mm_Antenna1

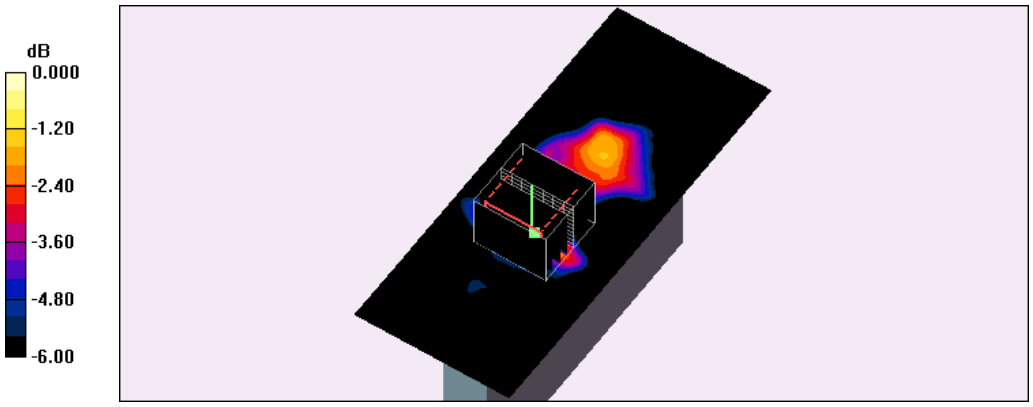
DUT: AC810-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: IEEE 802.11a; Frequency: 5765 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5765 MHz; σ = 6.23 mho/m; ε_r = 46.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (61x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.309 W/kg

Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 7.19 V/m; Power Drift = 0.005 dB
Peak SAR (extrapolated) = 0.752 W/kg
SAR(1 g) = 0.143 W/kg; SAR(10 g) = 0.043 W/kg
Maximum value of SAR (measured) = 0.331 W/kg



0 dB = 0.331W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/24/2015 02:17:36 AM

278_802.11a CH36_6M_side 3_10mm_Antenna2

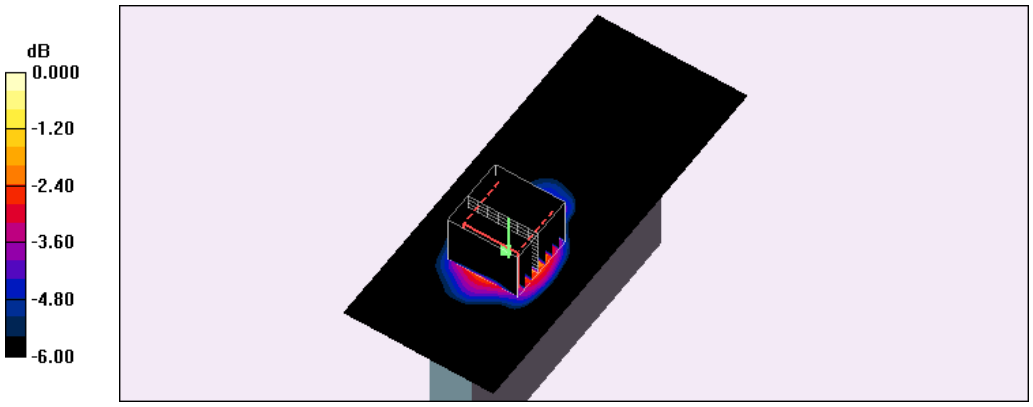
DUT: AC810-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: IEEE 802.11a; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5180 MHz; σ = 5.5 mho/m; ε_r = 47.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (61x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.230 W/kg

Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 6.84 V/m; Power Drift = -0.160 dB
Peak SAR (extrapolated) = 0.446 W/kg
SAR(1 g) = 0.114 W/kg; SAR(10 g) = 0.040 W/kg
Maximum value of SAR (measured) = 0.232 W/kg



0 dB = 0.232W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/24/2015 05:22:38 PM

279_802.11a CH153_6M_side 3_10mm_Antenna2

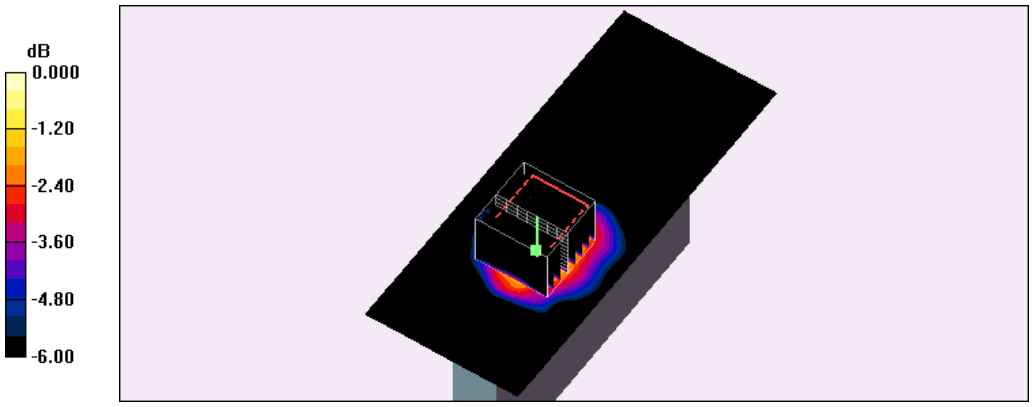
DUT: AC810-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: IEEE 802.11a; Frequency: 5765 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5765 MHz; σ = 6.23 mho/m; ε_r = 46.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (61x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.344 W/kg

Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 7.42 V/m; Power Drift = -0.198 dB
Peak SAR (extrapolated) = 0.696 W/kg
SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.060 W/kg
Maximum value of SAR (measured) = 0.329 W/kg



0 dB = 0.329W/kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/24/2015 03:39:51 AM

290_802.11a CH36_6M_side 4_10mm_Antenna1

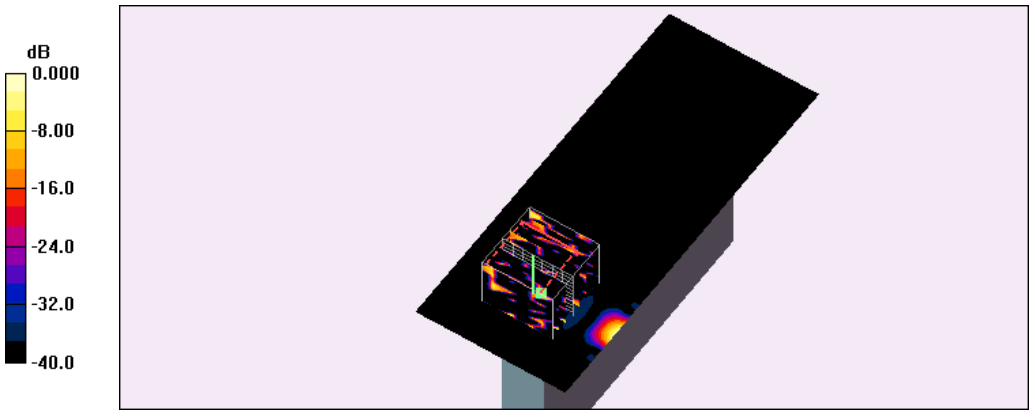
DUT: AC810-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: IEEE 802.11a; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5180 MHz; σ = 5.5 mho/m; ε_r = 47.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (61x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.023 W/Kg

Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.76 V/m; Power Drift = 0.194 dB
Peak SAR (extrapolated) = 0.187 W/kg
SAR(1 g) = 0.011 W/Kg; SAR(10 g) = 0.00155 W/Kg
Maximum value of SAR (measured) = 0.021 W/Kg



0 dB = 0.021W/Kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/24/2015 06:56:49 PM

291_802.11a CH153_6M_side 4_10mm_Antenna1

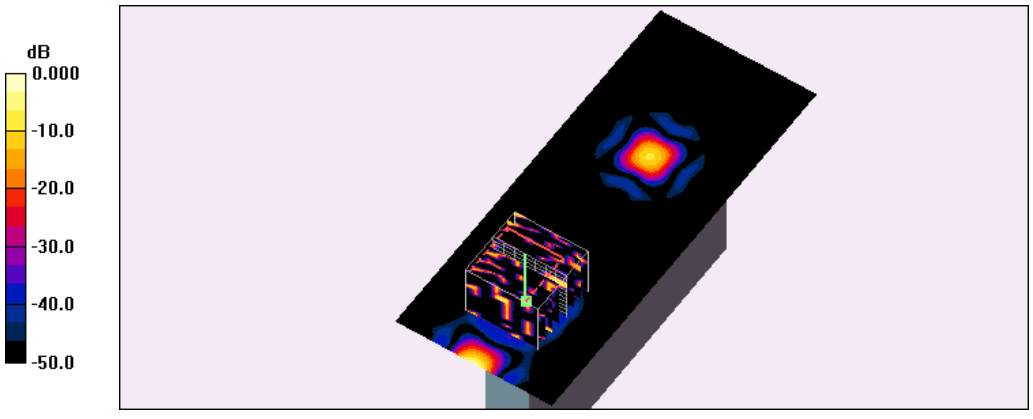
DUT: AC810-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: IEEE 802.11a; Frequency: 5765 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5765 MHz; σ = 6.23 mho/m; ε_r = 46.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (61x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.026 W/Kg

Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.85 V/m; Power Drift = 0.042 dB
Peak SAR (extrapolated) = 0.214 W/kg
SAR(1 g) = 0.011 W/Kg; SAR(10 g) = 0.0014 W/Kg
Maximum value of SAR (measured) = 0.032 W/Kg



0 dB = 0.032W/Kg

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Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/24/2015 05:07:00 AM

292_802.11a CH36_6M_side 4_10mm_Antenna2

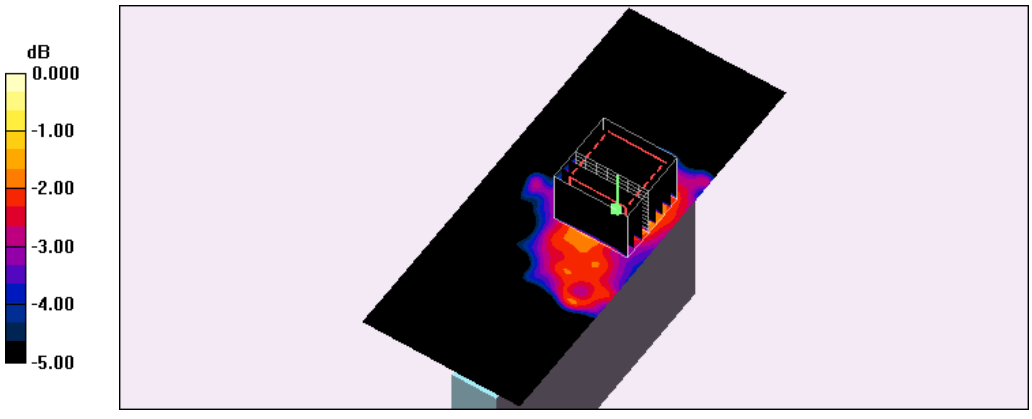
DUT: AC810-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: IEEE 802.11a; Frequency: 5180 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5180 MHz; σ = 5.5 mho/m; ε_r = 47.8; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (61x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.079 W/Kg

Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.82 V/m; Power Drift = -0.106 dB
Peak SAR (extrapolated) = 0.151 W/kg
SAR(1 g) = 0.032 W/Kg; SAR(10 g) = 0.014 W/Kg
Maximum value of SAR (measured) = 0.077 W/Kg



0 dB = 0.077W/Kg

Test Laboratory: A Test Lab Techno Corp.
Date/Time: 9/24/2015 08:30:31 PM

293_802.11a CH153_6M_side 4_10mm_Antenna2

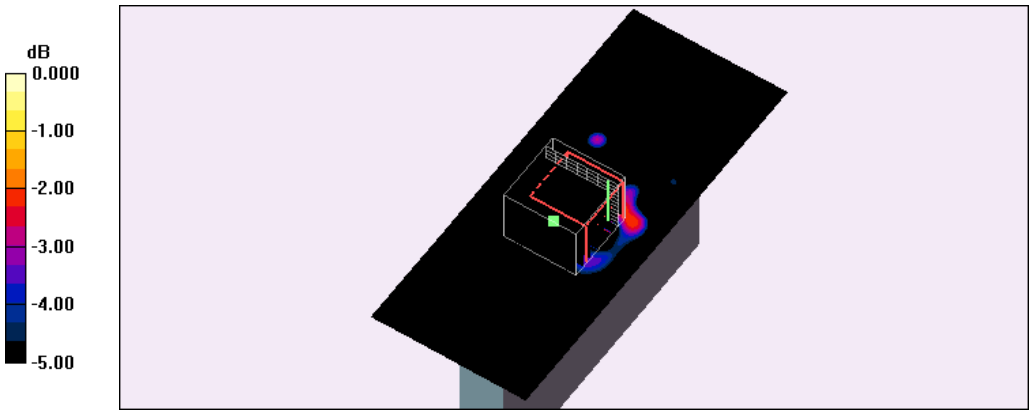
DUT: AC810-300; Type: Mobile Hotspot; Serial: 351639070006457

Communication System: IEEE 802.11a; Frequency: 5765 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 5765 MHz; σ = 6.23 mho/m; ε_r = 46.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY4 (High Precision Assessment)
DASY4 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: 1/30/2015
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2/3/2015
- Phantom: ELI 4.0; Type: QDOVA001BB; Serial: 1036
- Measurement SW: DASY4, V4.7 Build 80;Postprocessing SW: SEMCAD, V1.8 Build 186

Flat/Area Scan (61x151x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.041 W/Kg

Flat/Zoom Scan (8x8x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.65 V/m; Power Drift = -0.139 dB
Peak SAR (extrapolated) = 0.375 W/kg
SAR(1 g) = 0.030 W/Kg; SAR(10 g) = 0.010 W/Kg
Maximum value of SAR (measured) = 0.050 W/Kg



0 dB = 0.050W/Kg

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