A Test Lab Techno Corp.

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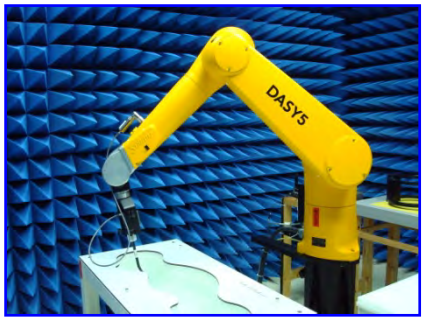
SAR EVALUATION REPORT

Test Report No.	:	1809FS11-02
Applicant	:	Netgear Incorporated
Product Type	:	Netgear Mobile Hotspot
Trade Name	:	NETGEAR
Model Number	:	AC797S
Date of Received	:	Jul. 30, 2018
Test Period	:	Aug. 16 ~ Sep. 04, 2018
Date of Issued	:	Sep. 21, 2018
Test Environment	:	Ambient Temperature： 22 ±2 ° C Relative Humidity：40 - 70 %
Standard	:	ANSI/IEEE C95.1-1995 / IEEE Std. 1528-2013 47 CFR Part §2.1093 KDB 865664 D01 v01r04 / KDB 865664 D02 v01r02 KDB 447498 D01 v06 / KDB 941225 D01 v03r01 KDB 941225 D05 v02r05 / KDB 941225 D06 v02r01 KDB 248227 D01 v02r02
Test Lab Location	:	Chang-an Lab
Test Firm MRA designation number	:	TW0010



1. A Test Lab Techno Corp. tested the above equipment in accordance with the requirements set forth in the above standards. All indications of Pass/Fail in this report are opinions expressed by A Test Lab Techno Corp. based on interpretations and/or observations of test results. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.
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Approved By : Yung-Tan Tsai (Yung Tan Tsai)

Tested By : Yanzen Liao (Yanzen Liao)

Contents

1. Summary of Maximum Reported SAR Value

Equipment Class	Mode	Highest Reported
		Hotspot SAR_{1g} (W/kg)
Licensed	WCDMA Band II	1.372
	WCDMA Band V	1.093
	LTE Band 2 (QPSK)	1.152
	LTE Band 4 (QPSK)	1.067
	LTE Band 5 (QPSK)	1.089
	LTE Band 7 (QPSK)	1.118
	LTE Band 12 (QPSK)	0.776
	LTE Band 14 (QPSK)	0.903
	LTE Band 30 (QPSK)	0.934
	LTE Band 66 (QPSK)	1.173
DTS	2.4 GHz WLAN_ANT-0	0.035
	2.4 GHz WLAN_ANT-1	0.029
U-NII	5GHz U-NII_ANT-0	0.168
	5GHz U-NII_ANT-1	0.204
Highest Simultaneous Transmission SAR		Hotspot SAR_{1g} (W/kg)
At test position Front		1.596

NOTE: 1. The test procedures, as described in American National Standards, Institute ANSI/IEEE C95.1 were employed and they specify the maximum exposure limit of Head & Body is SAR_{1g} 1.6 W/kg of tissue for portable devices being used within 20 cm 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.

2.. The EUT battery have be fully charged and checked periodically during the test to ascertain uniform power output.

2. Description of Equipment under Test (EUT)

Applicant	Netgear Incorporated 350 East Plumeria Drive,San Jose, California, United States 95134		
Manufacture	Netgear Inc. Suite 168 – 10760 Shellbridge Way, Richmond, BC Canada V6X 3H1		
Product Type	Netgear Mobile Hotspot		
Trade Name	NETGEAR		
Model Number	AC797S		
IMEI No.	015253000000651		
FCC ID	PY318300421		
RF Function	Operate Bands		Operate Frequency (MHz)
	WCDMA(RMC 12.2K) / HSDPA / HSUPA Band II		1852.4 - 1907.6
	WCDMA (RMC 12.2K) / HSDPA / HSUPA Band V		826.4 - 846.6
	LTE Band 2 (BW 1.4, 3, 5, 10, 15, 20 MHz)		1850 - 1910
	LTE Band 4 (BW 1.4, 3, 5, 10, 15, 20 MHz)		1710 - 1755
	LTE Band 5 (BW 1.4, 3, 5, 10 MHz)		824 - 849
	LTE Band 7 (BW 5, 10, 15, 20 MHz)		2500 - 2570
	LTE Band 12 (BW 1.4, 3, 5, 10 MHz)		699 - 716
	LTE Band 14 (BW 5, 10 MHz)		788 - 798
	LTE Band 30 (BW 5, 10 MHz)		2305 - 2315
	LTE Band 66 (BW 1.4, 3, 5, 10, 15, 20 MHz)		1710 - 1780
	2CA Band 2A+2A_DL CA 2CA Band 2A+5A_DL CA 2CA Band 2A+12A_DL CA 2CA Band 2A+29A_DL CA 2CA Band 2A+30A_DL CA 2CA Band 2A+66A_DL CA 2CA Band 5A+30A_DL CA 2CA Band 5A+66A_DL CA 2CA Band 12A+30A_DL CA 2CA Band 12A+66A_DL CA 2CA Band 30A+29A_DL CA 2CA Band 30A+66A_DL CA 2CA Band 66A+66A_DL CA		
	IEEE 802.11b / 802.11g / 802.11n 2.4 GHz 20 MHz		2412 - 2462
	IEEE 802.11n 2.4 GHz 40 MHz		2422 - 2452
	IEEE 802.11a	U-NII Band I	5180 - 5240
		U-NII Band III	5745 - 5825
	IEEE 802.11n 5 GHz 20 MHz / IEEE 802.11ac 20 MHz	U-NII Band I	5180 - 5240
		U-NII Band III	5745 - 5825
	IEEE 802.11n 5 GHz 40 MHz / IEEE 802.11ac 40 MHz	U-NII Band I	5190 - 5230
		U-NII Band III	5755 - 5795
	IEEE 802.11ac 80 MHz	U-NII Band I	5210
		U-NII Band III	5775
Antenna Type	WCDMA/LTE: Internal IFA Antenna WLAN: Chip Antenna		
Battery Option	Standard		
	Trade Name: NETGEAR Model: W-7b Spec: DC 3.8 V / 2930 mAh		
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 Incorporated Trade Name：NETGEAR Model(s)：AC797S**. The test procedures, as described in American National Standards, Institute C95.1-1999〔1〕were employed and they specify the maximum exposure limit of 1.6 mW/g as averaged over any 1 gram of tissue for portable devices being used within 20 cm 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 measurement can be related to the electrical field in the tissue by

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

Where：

σ = conductivity of the tissue (S/m)

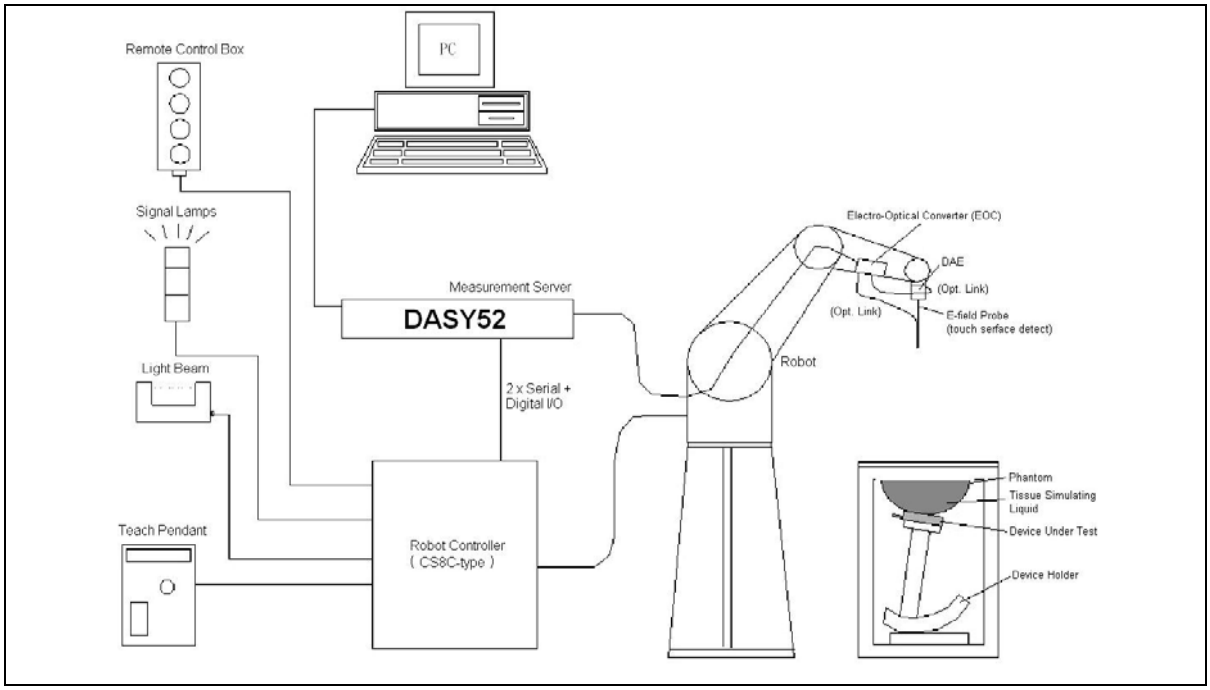
ρ = mass density of the tissue (kg/m3)

E = RMS electric field strength (V/m)

＊Note：

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

4. SAR Measurement Setup



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

1. A standard high precision 6-axis robot (Stäubli TX family) with controller, teach pendant and software. An arm extension for accommodating the data acquisition electronics (DAE).
2. A dosimetric probe, i.e., an isotropic E-field probe optimized and calibrated for usage in tissue simulating liquid. The probe is equipped with an optical surface detector system.
3. A data acquisition electronics (DAE) which performs the signal amplification, signal multiplexing, AD-conversion, offset measurements, mechanical surface detection, collision detection, etc. The unit is battery powered with standard or rechargeable batteries. The signal is optically transmitted to the EOC.
4. The function of the measurement server is to perform the time critical tasks such as signal filtering, control of the robot operation and fast movement interrupts.
5. A probe alignment unit which improves the (absolute) accuracy of the probe positioning.
6. A computer operating Windows 2000 or Windows XP.
7. DASY52 software.
8. Remote controls with teach pendant and additional circuitry for robot safety such as warning lamps, etc.
9. The SAM twin phantom enabling testing left-hand and right-hand usage.
10. The device holder for handheld mobile phones.
11. Tissue simulating liquid mixed according to the given recipes.
12. Validation dipole kits allowing validating the proper functioning of the system.

4.1 DASY E-Field Probe System

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

4.1.1 E-Field Probe Specification

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

Figure 3. E-field Probe

Figure 4. Probe setup on robot

4.1.2 E-Field Probe Calibration process

Dosimetric Assessment Procedure

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

Free Space Assessment

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

Temperature Assessment

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

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

Where：

Δt = Exposure time (30 seconds),

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

ΔT = Temperature increase due to RF exposure.

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

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: 4 mV, 400 mV)
Input Offset Voltage：	< 5 µV (with auto zero)
Input Bias Current：	< 50 fA
Dimensions：	60 x 60 x 68 mm

4.3 Robot

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

4.4 Measurement Server

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

4.5 Device Holder

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

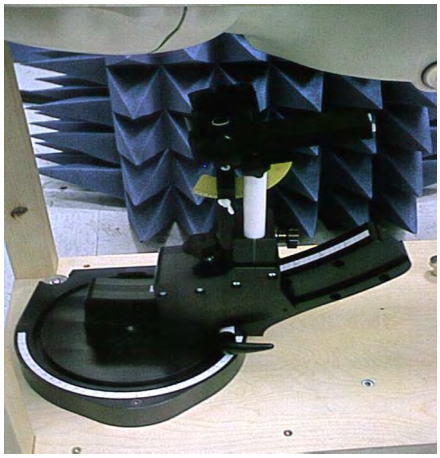


Figure 5. Device Holder

Figure 6. Device Holder for Laptops

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

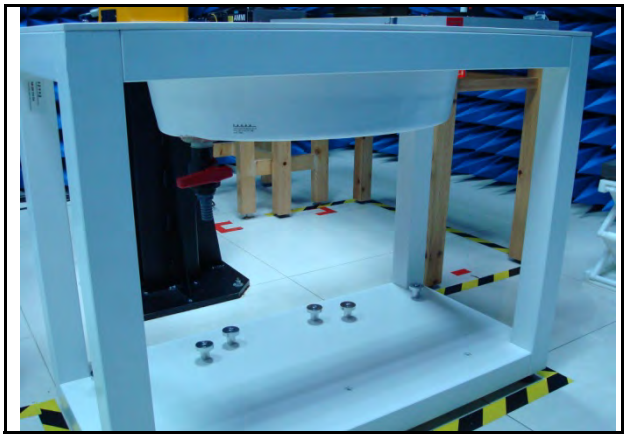


Figure 7. Oval Flat Phantom

4.7 Data Storage and Evaluation

4.7.1 Data Storage

The DASY software stores the assessed data from the data acquisition electronics as raw data (in microvolt readings from the probe sensors), together with all the necessary software parameters for the data evaluation (probe calibration data, liquid parameters and device frequency and modulation data) in measurement files with the extension DA4 or DA5. The post processing software evaluates the desired unit and format for output each time the data is visualized or exported. This allows verification of the complete software setup even after the measurement and allows correction of erroneous parameter settings. For example, if a measurement has been performed with an incorrect crest factor parameter in the device setup, the parameter can be corrected afterwards and the data can be reevaluated.

4.7.2 Data Evaluation

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

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

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

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

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

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

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

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

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

H-field probes： $$H_i = \sqrt{V_i} \cdot \frac{a_{i0} + a_{i1} f + a_{i2} f^2}{f}$$

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

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

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

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

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

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

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

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

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

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		5 GHz	
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	35.1~ 36.2	47.9~ 49.3
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	4.45~ 5.48	5.07~ 6.23
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.

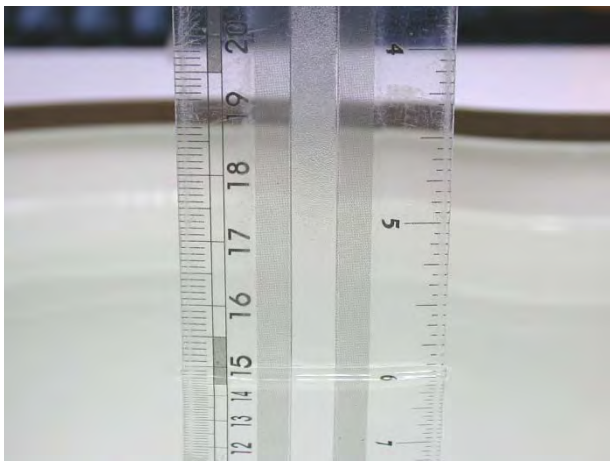


Figure 8. Head-Position

Figure 9. 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 12.2 kbps 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 / Release 7 HSPA+													
Sub-test	βc	βd	βd (SF)	βc/βd	βhs(1)	βec	βed	Bed (SF)	Bed (codes)	CM(2) (dB)	MPR (dB)	AG(4) Index	E-TFCI
1	11/15(3)	15/15(3)	64	11/15(3)	22/15	209/225	1039/225	4	1	1.0	0.0	20	75
2	6/15	15/15	64	6/15	12/15	12/15	94/75	4	1	3.0	2.0	12	67
3	15/15	9/15	64	15/9	30/15	30/15	βed1: 47/15 βed2: 47/15	4	2	2.0	1.0	15	92
4	2/15	15/15	64	2/15	4/15	2/15	56/75	4	1	3.0	2.0	17	71
5	15/15(4)	15/15(4)	64	15/15(4)	30/15	24/15	134/15	4	1	1.0	0.0	21	81

Note

1. Δ_{ACK}, Δ_{NACK} and Δ_{CQI} = 8 ⇔ Ahs = βhs/βc = 30/15 ⇔ βhs= 30/15 *βc.
2. CM = 1 for βc/βd =12/15, βhs/βc=24/15. For all other combinations of DPDCH, DPCCH, HS-DPCCH, E-DPDCH and E-DPCCH the MPR is based on the relative CM difference.
3. For subtest 1 the βc/βd ratio of 11/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signaled gain factors for the reference TFC (TF1, TF1) to βc = 10/15 and βd = 15/15.
4. For subtest 5 the βc/βd ratio of 15/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signaled gain factors for the reference TFC (TF1, TF1) to βc = 14/15 and βd = 15/15.
5. Testing UE using E-DPDCH Physical Layer category 1 Sub-test 3 is not required according to TS 25.306 Table 5.1g.
6. βed can not be set directly; it is set by Absolute Grant Value.

6.3 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.

6.4 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	5 ms	D	S	U	U	U	D	S	U	U	U	□
1	5 ms	D	S	U	U	D	D	S	U	U	D	■
2	5 ms	D	S	U	D	D	D	S	U	D	D	□
3	10 ms	D	S	U	U	U	D	D	D	D	D	□
4	10 ms	D	S	U	U	D	D	D	D	D	D	□
5	10 ms	D	S	U	D	D	D	D	D	D	D	□
6	5 ms	D	S	U	U	U	D	S	U	U	D	□

6.5 LTE Frequency range and channel bandwidth

Channel bandwidth support:

Band	BW (MHz)					
	1.4	3	5	10	15	20
LTE Band 2	V	V	V	V	V	V
LTE Band 4	V	V	V	V	V	V
LTE Band 5	V	V	V	V	---	---
LTE Band 7	---	---	V	V	V	V
LTE Band 12	V	V	V	V	---	---
LTE Band 14	---	---	V	V	---	---
LTE Band 30	---	---	V	V	---	---
LTE Band 66	V	V	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 7	5	Low Range	20775	2502.5
		Mid Range	21100	2535.0
		High Range	21425	2567.5
	10	Low Range	20800	2505.0
		Mid Range	21100	2535.0
		High Range	21400	2565.0
	15	Low Range	20825	2507.5
		Mid Range	21100	2535.0
		High Range	21375	2562.5
	20	Low Range	20850	2510.0
		Mid Range	21100	2535.0
		High Range	21350	2560.0

LTE Band	Bandwidth (MHz)	Test requency ID	N_{UL}	Frequency of Uplink (MHz)
LTE Band 12	1.4	Low Range	23017	699.7
	1.4	Mid Range	23095	707.5
	1.4	High Range	23173	715.3
	3	Low Range	23025	700.5
	3	Mid Range	23095	707.5
	3	High Range	23165	714.5
	5	Low Range	23035	701.5
	5	Mid Range	23095	707.5
	5	High Range	23155	713.5
	10	Low Range	23060	704.0
	10	Mid Range	23095	707.5
	10	High Range	23130	711.0
LTE Band 14	5	Low Range	23305	790.5
	5	Mid Range	23330	793.0
	5	High Range	23355	795.5
	10	Mid Range	23330	793.0
LTE Band 30	5	Low Range	27685	2307.5
	5	Mid Range	27710	2310.0
	5	High Range	27735	2312.5
	10	Mid Range	27710	2310.0
LTE Band 66	1.4	Low Range	131979	1710.7
	1.4	Mid Range	132197	1732.5
	1.4	High Range	132415	1754.3
	3	Low Range	131987	1711.5
	3	Mid Range	132197	1732.5
	3	High Range	132407	1753.5
	5	Low Range	131997	1712.5
	5	Mid Range	132197	1732.5
	5	High Range	132397	1752.5
	10	Low Range	132022	1715.0
	10	Mid Range	132197	1732.5
	10	High Range	132372	132372
	15	Low Range	132047	1717.5
	15	Mid Range	132197	1732.5
	15	High Range	132347	1747.5
	20	Low Range	132072	1720.0
	20	Mid Range	132197	1732.5
	20	High Range	132322	1745.0

6.5.1 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

6.6 Power reduction

No power reduction issue.

6.7 Carrier Aggregation Measurements:

Intra-band non-contiguous bandwidth combination set:

	E-UTRA CA configuration / Bandwidth combination set						
E-UTRACA configuration	Uplink CA configurations (NOTE 1)	Component carriers in order of increasing carrier frequency				Maximum aggregated bandwidth [MHz]	Bandwidth combination set
		Channel bandwidths for carrier [MHz]	Channel bandwidths for carrier [MHz]	Channel bandwidths for carrier [MHz]	Channel bandwidths for carrier [MHz]		
CA_2A-2A	-	5, 10, 15, 20	5, 10, 15, 20			40	0
CA_3A-3A	-	5, 10, 15, 20	5, 10, 15, 20			40	0
		5, 10	5, 10, 15, 20			30	1
CA_4A-4A	CA_4A-4A	5, 10, 15, 20	5, 10, 15, 20			40	0
		5, 10	5, 10			20	1
CA_5A-5A	-	5,10	5,10			20	0
CA_7A-7A	-	5	15			40	0
		10	10, 15				
		15	15, 20				
		20	20				
		5, 10, 15, 20	5, 10, 15, 20			40	1
		5, 10, 15, 20	5, 10			30	2
		10, 15, 20	10, 15, 20			40	3
CA_23A-23A	-	5	10			15	0
CA_25A-25A	-	5, 10	5, 10			20	0
		5, 10, 15, 20	5, 10, 15, 20			40	1
CA_40A-40A	-	10, 20	10, 20			40	0
CA_41A-41A	-	10, 15, 20	10, 15, 20			40	0
		5, 10, 15, 20	5, 10, 15, 20			40	1
CA_41A-41C	-	5, 10, 15, 20	See CA_41C Bandwidth Combination Set 1 in Table 5.4.2A.1-1			60	0
		See CA_41C Bandwidth Combination Set 1 in Table 5.4.2A.1-1		5, 10, 15, 20			
CA_41A-41D	CA_41C	5, 10, 15, 20	See CA_41D Bandwidth Combination Set 0 in Table 5.4.2A.1-1			80	0
		See CA_41D Bandwidth Combination Set 0 in Table 5.4.2A.1-1			5, 10, 15, 20		
CA_41C-41C	CA_41C	See CA_41C Bandwidth Combination Set 0 in Table 5.4.2A.1-1		See CA_41C Bandwidth Combination Set 0 in Table 5.4.2A.1-1		80	0
CA_42A-42A	-	5, 10, 15, 20	5, 10, 15, 20			40	0
CA_42A-42C	-	5, 10, 15, 20	See CA_42C Bandwidth Combination Set 0 in Table 5.4.2A.1-1			60	0
		See CA_42C Bandwidth Combination Set 0 in Table 5.4.2A.1-1		5, 10, 15, 20			
CA_42A-42D	-	5, 10, 15, 20	See CA_42D Bandwidth Combination Set 0 in Table 5.4.2A.1-1			80	0
		See CA_42D Bandwidth Combination Set 0 in Table 5.4.2A.1-1			5, 10, 15, 20		
CA_42C-42C	-	See CA_42C Bandwidth Combination Set 0 in Table 5.4.2A.1-1		See CA_42C Bandwidth Combination Set 0 in Table 5.4.2A.1-1		80	0

Inter-band bandwidth combination set (two bands):

CA_1A-42C	CA_1A-42A	1			Yes	Yes	Yes	Yes	60	0
		42	See CA_42C Bandwidth Combination Set 0 in Table 5.4.2A.1-1							
CA_1A-46A	-	1			Yes	Yes	Yes	Yes	40	0
		46						Yes		
CA_1A-46C	-	1			Yes	Yes	Yes	Yes	60	0
		46	See CA_46C Bandwidth Combination Set 0 in Table 5.4.2A.1-1							
CA_1A-46D	-	1			Yes	Yes	Yes	Yes	80	0
		46	See CA_46D Bandwidth combination set 0 in Table 5.4.2A.1-1							
CA_1A-46E	-	1			Yes	Yes	Yes	Yes	100	0
		46	See CA_46E Bandwidth Combination Set 0 in Table 5.4.2A.1-1							
CA_2A-4A	CA_2A-4A	2	Yes	Yes	Yes	Yes	Yes	Yes	40	0
		4			Yes	Yes	Yes	Yes		
		2			Yes	Yes			20	1
		4			Yes	Yes				
		2			Yes	Yes	Yes	Yes	40	2
		4			Yes	Yes	Yes	Yes		
CA_2A-2A-4A	-	2	See CA_2A-2A Bandwidth Combination Set 0 in Table 5.4.2A.1-3						80	0
		4			Yes	Yes	Yes	Yes		
CA_2A-4A-4A	-	2			Yes	Yes	Yes	Yes	60	0
		4	See CA_4A-4A Bandwidth Combination Set 0 in Table 5.4.2A.1-3							
CA_2A-2A-4A-4A	-	2	See CA_2A-2A Bandwidth Combination Set 0 in Table 5.4.2A.1-3						80	0
		4	See CA_4A-4A Bandwidth Combination Set 0 in Table 5.4.2A.1-3							
CA_2A-5A	CA_2A-5A	2			Yes	Yes	Yes	Yes	30	0
		5			Yes	Yes				
		2			Yes	Yes			20	1
		5			Yes	Yes				
CA_2A-2A-5A	-	2	See CA_2A-2A Bandwidth Combination Set 0 in Table 5.4.2A.1-3						50	0
		5			Yes	Yes				
CA_2C-5A	-	2	See CA_2C Bandwidth combination set 0 in Table 5.4.2A.1-1						50	0
		5			Yes	Yes				
CA_2A-5B	-	2			Yes	Yes	Yes	Yes	40	0
		5	See CA_5B Bandwidth Combination Set 0 in Table 5.4.2A.1-1							
CA_2C-5B	-	2	See CA_2C Bandwidth combination set 0 in Table 5.4.2A.1-1						60	0
		5	See CA_5B Bandwidth Combination Set 0 in Table 5.4.2A.1-1							
CA_2A-7A	CA_2A-7A	2			Yes	Yes	Yes	Yes	40	0
		7			Yes	Yes	Yes	Yes		
CA_2A-7A-7A	-	2			Yes	Yes	Yes	Yes	60	0
		7	See the CA_7A-7A Bandwidth combination set 1 in Table 5.4.2A.1-3							
CA_2A-12A	CA_2A-12A[6]	2			Yes	Yes	Yes	Yes	30	0
		12			Yes	Yes				
		2			Yes	Yes	Yes	Yes	30	1
		12		Yes	Yes	Yes				
		2			Yes	Yes			20	2
		12			Yes	Yes				
CA_2A-2A-12A	-	2	See CA_2A-2A Bandwidth Combination Set 0 in Table 5.4.2A.1-3						50	0
		12			Yes	Yes				
CA_2A-12B	CA_2A-12A[6]	2			Yes	Yes	Yes	Yes	35	0
		12	See CA_12B Bandwidth Combination Set 0 in Table 5.4.2A.1-1							

CA_2A-2A-12B	-	2	See CA_2A-2A Bandwidth combination set 0 in Table 5.4.2A.1-3							55	0
		12	See CA_12B Bandwidth Combination Set 0 in Table 5.4.2A.1-1								
CA_2C-12A	-	2	See CA_2C Bandwidth combination set 0 in Table 5.4.2A.1-1							50	0
		12			Yes	Yes					
CA_2A-13A	CA_2A-13A	2			Yes	Yes	Yes	Yes		30	0
		13				Yes					
		2			Yes	Yes				20	1
		13				Yes					
CA_2A-2A-13A	-	2	See CA_2A-2A Bandwidth Combination Set 0 in Table 5.4.2A.1-3							50	0
		13				Yes					
CA_2A-17A	-	2			Yes	Yes				20	0
		17			Yes	Yes					
CA_2A-28A	-	2			Yes	Yes	Yes	Yes		40	0
		28			Yes	Yes	Yes	Yes			
CA_2A-29A	-	2			Yes	Yes				20	0
		29		Yes	Yes	Yes					
		2			Yes	Yes				20	1
		29			Yes	Yes					
		2			Yes	Yes	Yes	Yes		30	2
		29			Yes	Yes					
CA_2C-29A	-	2	See CA_2C Bandwidth Combination Set 0 in table 5.4.2A.1-1							50	0
		29			Yes	Yes					
CA_2A-30A	-	2			Yes	Yes	Yes	Yes		30	0
		30			Yes	Yes					
CA_2C-30A	-	2	See CA_2C Bandwidth combination set 0 in Table 5.4.2A.1-1							50	0
		30			Yes	Yes					
CA_2A-46A	-	2			Yes	Yes	Yes	Yes		40	0
		46						Yes			
CA_2A-46A-46C	-	2			Yes	Yes	Yes	Yes		80	0
		46	See CA_46A-46C Bandwidth Combination Set 0 in Table 5.4.2A.1-3								
CA_2A-46C	-	2			Yes	Yes	Yes	Yes		60	0
		46	See CA_46C Bandwidth Combination Set 0 in Table 5.4.2A.1-1								
CA_2A-46D	-	2			Yes	Yes	Yes	Yes		80	0
		46	See CA_46D Bandwidth Combination Set 0 in Table 5.4.2A.1-1								
CA_2A-46A-46A	-	2			Yes	Yes	Yes	Yes		60	0
		46	See CA_46A-46A Bandwidth combination set 0 in Table 5.4.2A.1-3								
CA_2A-46A-46D	-	2			Yes	Yes	Yes	Yes		100	0
		46	See CA_46A-46D Bandwidth Combination Set 0 in Table 5.4.2A.1-3								
CA_2A-66A	-	2	Yes	Yes	Yes	Yes	Yes	Yes		40	0
		66			Yes	Yes	Yes	Yes			
		2			Yes	Yes				20	1
		66			Yes	Yes					
		2			Yes	Yes	Yes	Yes		40	2
		66			Yes	Yes	Yes	Yes			
CA_2A-66B	-	2			Yes	Yes	Yes	Yes		40	0
		66	See CA_66B Bandwidth Combination Set 0 in Table 5.4.2A.1-1								
CA_2A-66C	-	2			Yes	Yes	Yes	Yes		60	0
		66	See CA_66C Bandwidth Combination Set 0 in Table 5.4.2A.1-1								
CA_2A-66D	-	2			Yes	Yes	Yes	Yes		60	0

		40			Yes	Yes	Yes	Yes		
CA_3A-40C	-	3			Yes	Yes	Yes	Yes	60	0
		40	See CA_40C Bandwidth Combination Set 1 in Table 5.4.2A.1-1							
CA_3C-40A	-	3	See CA_3C Bandwidth Combination Set 0 in Table 5.4.2A.1-1						60	0
		40			Yes	Yes	Yes	Yes		
CA_3C-40C	-	3	See CA_3C Bandwidth Combination Set 0 in Table 5.4.2A.1-1						80	0
		40	See CA_40C Bandwidth Combination Set 1 in Table 5.4.2A.1-1							
CA_3A-41A	CA_3A-41A	3			Yes	Yes	Yes	Yes	40	0
		41			Yes	Yes	Yes	Yes		
CA_3A-41C	-	3			Yes	Yes	Yes	Yes	60	0
		41	See CA_41C Bandwidth Combination Set 0 in Table 5.4.2A.1-1							
CA_3A-41D	-	3			Yes	Yes	Yes	Yes	80	0
		41	See CA_41D Bandwidth Combination Set 0 in Table 5.4.2A.1-1							
CA_3C-41A	-	3	See CA_3C Bandwidth Combination Set 0 in Table 5.4.2A.1-1						60	0
		41			Yes	Yes	Yes	Yes		
CA_3C-41C	-	3	See CA_3C Bandwidth Combination Set 0 in Table 5.4.2A.1-1						80	0
		41	See CA_41C Bandwidth Combination Set 0 in Table 5.4.2A.1-1							
CA_3C-41D	-	3	See CA_3C Bandwidth Combination Set 0 in Table 5.4.2A.1-1						100	0
		41	See CA_41D Bandwidth Combination Set 0 in Table 5.4.2A.1-1							
CA_3A-42A	CA_3A-42A	3			Yes	Yes	Yes	Yes	40	0
		42			Yes	Yes	Yes	Yes		
CA_3A-42C	CA_3A-42A	3			Yes	Yes	Yes	Yes	60	0
		42	See CA_42C Bandwidth Combination Set 0 in Table 5.4.2A.1-1							
CA_3A-46A	-	3			Yes	Yes	Yes	Yes	40	0
		46						Yes		
CA_3A-46C	-	3			Yes	Yes	Yes	Yes	60	0
		46	See CA_46C Bandwidth Combination Set 0 in Table 5.4.2A.1-1							
CA_3A-46D	-	3			Yes	Yes	Yes	Yes	80	0
		46	See CA_46D Bandwidth combination set 0 in Table 5.4.2A.1-1							
		3		Yes	Yes	Yes	Yes	Yes	80	1
		46	See CA_46D Bandwidth combination set 0 in Table 5.4.2A.1-1							
CA_3A-46E	-	3			Yes	Yes	Yes	Yes	100	0
		46	See CA_46E Bandwidth Combination Set 0 in Table 5.4.2A.1-1							
CA_3A-69A	-	3			Yes	Yes	Yes	Yes	40	0
		69			Yes	Yes	Yes	Yes		
CA_4A-5A	CA_4A-5A	4			Yes	Yes			20	0
		5			Yes	Yes				
		4			Yes	Yes	Yes	Yes	30	1
		5			Yes	Yes				
CA_4A-4A-5A	-	4	See CA_4A-4A Bandwidth Combination Set 0 in table 5.4.2A.1-3						50	0
		5			Yes	Yes				
CA_4A-5B	-	4			Yes	Yes	Yes	Yes	40	0
		5	See CA_5B Bandwidth Combination Set 0 in Table 5.4.2A.1-1							
CA_4A-4A-5B	-	4	See CA_4A-4A Bandwidth Combination Set 0 in Table 5.4.2A.1-3						60	0

		5	See CA_5B Bandwidth Combination Set 0 in Table 5.4.2A.1-1								
CA_4A-7A	CA_4A-7A	4			Yes	Yes			30	0
		7			Yes	Yes	Yes	Yes		
		4			Yes	Yes	Yes	Yes	40	1
		7			Yes	Yes	Yes	Yes		
CA_4A-4A-7A	-	4			Yes	Yes			40	0
		4			Yes	Yes				
		7			Yes	Yes	Yes	Yes		
		4			Yes	Yes	Yes	Yes	60	1
		4			Yes	Yes	Yes	Yes		
		7			Yes	Yes	Yes	Yes		
CA_4A-7A-7A	-	4			Yes	Yes	Yes	Yes	60	0
		7	See the CA_7A-7A Bandwidth combination set 1 in Table 5.4.2A.1-3							
CA_4A-12A	CA_4A-12A	4	Yes	Yes	Yes	Yes			20	0
		12			Yes	Yes				
		4	Yes	Yes	Yes	Yes	Yes	Yes	30	1
		12			Yes	Yes				
		4			Yes	Yes	Yes	Yes	30	2
		12		Yes	Yes	Yes				
		4			Yes	Yes			20	3
		12			Yes	Yes				
		4			Yes	Yes	Yes	Yes	30	4
		12			Yes	Yes				
		4			Yes	Yes	Yes		20	5
		12			Yes					
CA_4A-4A-12A	-	4	See CA_4A-4A Bandwidth Combination Set 0 in Table 5.4.2A.1-3						50	0
		12			Yes	Yes				
CA_4A-4A-12B	-	4	See CA_4A-4A Bandwidth Combination Set 0 in Table 5.4.2A.1-3						55	0
		12	See CA_12B Bandwidth Combination Set 0 in Table 5.4.2A.1-1							
CA_4A-12B	CA_4A-12A	4			Yes	Yes	Yes	Yes	35	0
		12	See CA_12B Bandwidth Combination Set 0 in Table 5.4.2A.1-1							
CA_4A-13A	CA_4A-13A	4			Yes	Yes	Yes	Yes	30	0
		13				Yes				
		4			Yes	Yes			20	1
		13				Yes				
CA_4A-4A-13A	-	4	See CA_4A-4A Bandwidth Combination Set 0 in Table 5.4.2A.1-3						50	0
		13				Yes				
CA_4A-17A	CA_4A-17A	4			Yes	Yes			20	0
		17			Yes	Yes				
CA_4A-27A	-	4			Yes	Yes	Yes	Yes	30	0
		27		Yes	Yes	Yes				
CA_4A-28A	-	4			Yes	Yes	Yes	Yes	40	0
		28			Yes	Yes	Yes	Yes		
CA_4A-29A	-	4			Yes	Yes			20	0
		29		Yes	Yes	Yes				
		4			Yes	Yes			20	1
		29			Yes	Yes				
		4			Yes	Yes	Yes	Yes	30	2
		29			Yes	Yes				
CA_4A-4A-29A	-	4	See CA_4A-4A Bandwidth combination set 0 in Table 5.4.2A.1-3						50	0
		29			Yes	Yes				
CA_4A-30A	-	4			Yes	Yes	Yes	Yes	30	0
		30			Yes	Yes				

		39	See CA_39C Bandwidth Combination Set 0 in Table 5.4.2A.1-1							
CA_8A-40A	-	8			Yes	Yes			30	0
		40			Yes	Yes	Yes	Yes		
	-	8		Yes	Yes	Yes			30	1
		40			Yes	Yes	Yes	Yes		
CA_8A-41A	CA_8A-41A	8	Yes	Yes	Yes	Yes			30	0
		41				Yes		Yes		
CA_8A-41C	-	8	Yes	Yes	Yes	Yes			50	0
		41	See CA_41C bandwidth combination set 3 in table 5.4.2A.1-1							
CA_8A-41D	-	8	Yes	Yes	Yes	Yes			70	0
		41	See CA_41D bandwidth combination set 0 in table 5.4.2A.1-1							
CA_8B-41A	-	8	See CA_8B Bandwidth combination set 0 in Table 5.4.2A.1-1						40	0
		41						Yes		
CA_8B-41C	-	8	See CA_8B bandwidth combination set 0 in table 5.4.2A.1-1						60	0
		41	See CA_41C bandwidth combination set 3 in table 5.4.2A.1-1							
CA_8B-41D	-	8	See CA_8B bandwidth combination set 0 in table 5.4.2A.1-1						80	0
		41	See CA_41D bandwidth combination set 0 in table 5.4.2A.1-1							
CA_8A-42A	-	8	Yes	Yes	Yes	Yes			30	0
		42			Yes	Yes	Yes	Yes		
CA_8A-42C	-	8	Yes	Yes	Yes	Yes			50	0
		42	See CA_42C Bandwidth Combination Set 0 in Table 5.4.2A.1-1							
CA_8A-46A	-	8	Yes	Yes	Yes	Yes			30	0
		46						Yes		
CA_11A-18A	-	11			Yes	Yes			25	0
		18			Yes	Yes	Yes			
CA_11A-41A	-	11			Yes	Yes			30	0
		41			Yes	Yes	Yes	Yes		
CA_11A-41C	-	11			Yes	Yes			50	0
		41	See CA_41C bandwidth combination set 0 in table 5.4.2A.1-1							
CA_11A-42A	-	11			Yes	Yes			30	0
		42			Yes	Yes	Yes	Yes		
CA_11A-42C	-	11			Yes	Yes			50	0
		42	See CA_42C Bandwidth Combination Set 0 in Table 5.4.2A.1-1							
CA_12A-25A	-	12			Yes	Yes			30	0
		25			Yes	Yes	Yes	Yes		
CA_12A-30A	-	12			Yes	Yes			20	0
		30			Yes	Yes				
CA_12A-66A	-	12			Yes	Yes			20	0
		66	Yes	Yes	Yes	Yes				
		12			Yes	Yes			30	1
		66	Yes	Yes	Yes	Yes	Yes	Yes		
		12		Yes	Yes	Yes			30	2
		66			Yes	Yes	Yes	Yes		
		12			Yes	Yes			20	3
		66			Yes	Yes				
		12			Yes	Yes			30	4
		66			Yes	Yes	Yes	Yes		
		12			Yes				20	5
		66			Yes	Yes	Yes			
CA_12A-66A-66A	-	12			Yes	Yes			50	0
		66	See CA_66A-66A Bandwidth combination set 0 in Table 5.4.2A.1-3							

Inter-band bandwidth combination set (three bands):

CA_1A-41C-42A[10]	-	1			Yes	Yes	Yes	Yes	80	0
		41	See CA_41C Bandwidth combination Set 0 in Table 5.4.2A.1-1							
		42				Yes	Yes	Yes		
CA_1A-41C-42C[10]	-	1			Yes	Yes	Yes	Yes	100	0
		41	See CA_41C Bandwidth combination set 0 in Table 5.4.2A.1-1							
		42	See CA_42C Bandwidth combination set 1 in Table 5.4.2A.1-1							
CA_2A-4A-5A	CA_2A-4A	2			Yes	Yes	Yes	Yes	50	0
		4			Yes	Yes	Yes	Yes		
		5			Yes	Yes				
CA_2A-2A-4A-5A	-	2	See CA_2A-2A Bandwidth Combination Set 0 in Table 5.4.2A.1-3						70	0
		4			Yes	Yes	Yes	Yes		
		5			Yes	Yes				
CA_2A-4A-5B	-	2			Yes	Yes	Yes	Yes	60	0
		4			Yes	Yes	Yes	Yes		
		5	See CA_5B Bandwidth Combination Set 0 in Table 5.4.2A.1-1							
CA_2A-4A-7A	-	2			Yes	Yes	Yes	Yes	60	0
		4			Yes	Yes	Yes	Yes		
		7			Yes	Yes	Yes	Yes		
CA_2A-4A-7A-7A	-	2			Yes	Yes	Yes	Yes	80	0
		4			Yes	Yes	Yes	Yes		
		7	See the CA_7A-7A Bandwidth combination set 1 in Table 5.4.2A.1-3							
CA_2A-4A-4A-5A	-	2			Yes	Yes	Yes	Yes	70	0
		4	See CA_4A-4A Bandwidth Combination Set 0 in Table 5.4.2A.1-3							
		5			Yes	Yes				
CA_2A-4A-12A	CA_2A-4A CA_4A-12A	2			Yes	Yes	Yes	Yes	50	0
		4			Yes	Yes	Yes	Yes		
		12			Yes	Yes				
CA_2A-4A-12B	-	2			Yes	Yes	Yes	Yes	55	0
		4			Yes	Yes	Yes	Yes		
		12	See CA_12B Bandwidth Combination Set 0 in Table 5.4.2A.1-1							
CA_2A-2A-4A-12A	-	2	See CA_2A-2A Bandwidth Combination Set 0 in Table 5.4.2A.1-3						70	0
		4			Yes	Yes	Yes	Yes		
		12			Yes	Yes				
CA_2A-4A-4A-12A	-	2			Yes	Yes	Yes	Yes	70	0
		4	See CA_4A-4A Bandwidth Combination Set 0 in Table 5.4.2A.1-3							
		12			Yes	Yes				
CA_2A-4A-13A	-	2			Yes	Yes	Yes	Yes	50	0
		4			Yes	Yes	Yes	Yes		
		13				Yes				
CA_2A-4A-29A	CA_2A-4A	2			Yes	Yes	Yes	Yes	50	0
		4			Yes	Yes	Yes	Yes		
		29			Yes	Yes				
CA_2A-4A-30A	-	2			Yes	Yes	Yes	Yes	50	0
		4			Yes	Yes	Yes	Yes		
		30			Yes	Yes				
CA_2A-5A-12A	-	2			Yes	Yes	Yes	Yes	40	0
		5			Yes	Yes				
		12			Yes	Yes				
CA_2A-2A-5A-12A	-	2	See CA_2A-2A Bandwidth Combination Set 0 in Table 5.4.2A.1-3						60	0
		5			Yes	Yes				
		12			Yes	Yes				

CA_2A-2A-5A-66A	-	2	See CA_2A-2A Bandwidth Combination Set 0 in Table 5.4.2A.1-3							70	0
		5			Yes	Yes					
		66			Yes	Yes	Yes	Yes			
CA_2A-2A-13A-66A	-	2	See CA_2A-2A Bandwidth Combination Set 0 in Table 5.4.2A.1-3							70	0
		13			Yes	Yes					
		66			Yes	Yes	Yes	Yes			
CA_2A-5A-12B	-	2			Yes	Yes	Yes	Yes		45	0
		5			Yes	Yes					
		12	See CA_12B Bandwidth Combination Set 0 in Table 5.4.2A.1-1								
CA_2A-5A-13A	CA_2A-13A[6]	2			Yes	Yes	Yes	Yes		40	0
		5			Yes	Yes					
		13				Yes					
CA_2A-5A-29A	-	2			Yes	Yes	Yes	Yes		40	0
		5			Yes	Yes					
		29			Yes	Yes					
CA_2A-5A-30A	-	2			Yes	Yes	Yes	Yes		40	0
		5			Yes	Yes					
		30			Yes	Yes					
CA_2C-5A-30A	-	2	See CA_2C Bandwidth combination set 0 in Table 5.4.2A.1-1							60	0
		5			Yes	Yes					
		30			Yes	Yes					
CA_2A-5B-30A	-	2			Yes	Yes	Yes	Yes		50	0
		5	See CA_5B Bandwidth Combination Set 0 in Table 5.4.2A.1-1								
		30			Yes	Yes					
CA_2C-5B-30A	-	2	See CA_2C Bandwidth combination set 0 in Table 5.4.2A.1-1							70	0
		5	See CA_5B Bandwidth combination set 0 in Table 5.4.2A.1-1								
		30			Yes			30			
CA_2A-5A-66A	-	2			Yes	Yes	Yes	Yes		50	0
		5			Yes	Yes					
		66			Yes	Yes	Yes	Yes			
CA_2A-5A-66B		2			Yes	Yes	Yes	Yes		50	0
		5			Yes	Yes					
		66	See CA_66B Bandwidth combination set 0 in Table 5.4.2A.1-1								
CA_2A-5A-66C		2			Yes	Yes	Yes	Yes		70	0
		5			Yes	Yes					
		66	See CA_66C Bandwidth combination set 0 in Table 5.4.2A.1-1								
CA_2A-5B-66A		2			Yes	Yes	Yes	Yes		60	0
		5	See CA_5B Bandwidth Combination Set 0 in Table 5.4.2A.1-1								
		66			Yes	Yes	Yes	Yes			
CA_2A-7A-12A	-	2			Yes	Yes	Yes	Yes		50	0
		7			Yes	Yes	Yes	Yes			
		12			Yes	Yes					
CA_2A-7A-66A	-	2			Yes	Yes	Yes	Yes		60	0
		7			Yes	Yes	Yes	Yes			
		66			Yes	Yes	Yes	Yes			
CA_2A-12A-30A	CA_2A-12A[6]	2			Yes	Yes	Yes	Yes		40	0
		12			Yes	Yes					
		30			Yes	Yes					
CA_2C-12A-30A	-	2	See CA_2C Bandwidth combination set 0 in Table 5.4.2A.1-1							60	0
		12			Yes	Yes					
		30			Yes	Yes					
CA_2A-12A-66A	-	2			Yes	Yes	Yes	Yes		50	0
		12			Yes	Yes					

		66			Yes	Yes	Yes	Yes		
		2			Yes	Yes			40	1
		12			Yes	Yes				
		66			Yes	Yes	Yes	Yes		
CA_2A-13A-66A	-	2			Yes	Yes	Yes	Yes	50	0
		13			Yes	Yes				
		66			Yes	Yes	Yes	Yes		
CA_2A-13A-66A-66A	-	2			Yes	Yes	Yes	Yes	70	0
		13			Yes	Yes				
		66	See CA_66A-66A Bandwidth Combination Set 0 in Table 5.4.2A.1-3							
CA_2A-13A-66B	-	2			Yes	Yes	Yes	Yes	50	0
		13			Yes	Yes				
		66	See CA_66B Bandwidth combination set 0 in Table 5.4.2A.1-1							
CA_2A-13A-66C	-	2			Yes	Yes	Yes	Yes	70	0
		13			Yes	Yes				
		66	See CA_66C Bandwidth combination set 0 in Table 5.4.2A.1-1							
CA_2A-29A-30A	-	2			Yes	Yes	Yes	Yes	40	0
		29			Yes	Yes				
		30			Yes	Yes				
CA_2C-29A-30A	-	2	See CA_2C Bandwidth Combination set 0 in Table 5.4.2A.1-1						60	0
		29			Yes	Yes				
		30			Yes	Yes				
CA_3A-5A-7A	-	3				Yes	Yes	Yes	50	0
		5			Yes	Yes				
		7				Yes	Yes	Yes		
CA_3A-5A-7A-7A	-	3				Yes	Yes	Yes	70	0
		5			Yes	Yes				
		7	See CA_7A-7A Bandwidth Combination Set 3 in Table 5.4.2A.1-3							
CA_3A-5A-40A	CA_3A-5A	3			Yes	Yes	Yes	Yes	50	0
		5			Yes	Yes				
		40				Yes	Yes	Yes		
CA_3A-7A-7A-8A	-	3			Yes	Yes	Yes	Yes	70	0
		7	See CA_7A-7A Bandwidth Combination Set 1 in Table 5.4.2A.1-3							
		8			Yes	Yes				
		3			Yes	Yes	Yes	Yes	60	1
		7	See CA_7A-7A Bandwidth Combination Set 2 in Table 5.4.2A.1-3							
		8			Yes	Yes				
CA_3A-7A-8A	-	3			Yes	Yes	Yes		40	0
		7				Yes	Yes			
		8			Yes	Yes				
		3			Yes	Yes	Yes	Yes	50	1
		7				Yes	Yes	Yes		
		8			Yes	Yes				
		3			Yes	Yes	Yes	Yes	50	2
		7			Yes	Yes	Yes	Yes		
		8			Yes	Yes				
CA_3A-7A-20A	CA_3A-7A CA_3A-20A CA_7A-20A[6]	3			Yes	Yes	Yes	Yes	60	0
		7				Yes	Yes	Yes		
		20			Yes	Yes	Yes	Yes		
CA_3A-7A-28A	CA_3A-7A CA_7A-28A	3			Yes	Yes	Yes	Yes	60	0
		7			Yes	Yes	Yes	Yes		
		28			Yes	Yes	Yes	Yes		
CA_3A-7C-28A	CA_3A-7A, CA_7C, CA_7A-28A	3				Yes	Yes	Yes	80	0
		7	See CA_7C Bandwidth Combination Set 2 in Table 5.4.2A.1-1							
		28				Yes	Yes	Yes		

		42				Yes	Yes	Yes		
CA_3A-41A-42C	-	3			Yes	Yes	Yes	Yes	80	0
		41				Yes	Yes	Yes		
		42	See CA_42C Bandwidth combination set 1 in Table 5.4.2A.1-1							
CA_3A-41C-42A	-	3			Yes	Yes	Yes	Yes	80	0
		41	See CA_41C Bandwidth combination set 0 in Table 5.4.2A.1-1							
		42				Yes	Yes	Yes		
CA_3A-41C-42C	-	3			Yes	Yes	Yes	Yes	100	0
		41	See CA_41C Bandwidth combination set 0 in Table 5.4.2A.1-1							
		42	See CA_42C Bandwidth combination set 1 in Table 5.4.2A.1-1							
CA_4A-5A-12A	-	4			Yes	Yes	Yes	Yes	40	0
		5			Yes	Yes				
		12			Yes	Yes				
CA_4A-5A-12B	-	4			Yes	Yes	Yes	Yes	45	0
		5			Yes	Yes				
		12	See CA_12B Bandwidth Combination Set 0 in Table 5.4.2A.1-1							
CA_4A-4A-5A-12A	-	4	See CA_4A-4A Bandwidth Combination Set 0 in Table 5.4.2A.1-3						60	0
		5			Yes	Yes				
		12			Yes	Yes				
CA_4A-5A-13A	CA_4A-13A[6]	4			Yes	Yes	Yes	Yes	40	0
		5			Yes	Yes				
		13				Yes				
CA_4A-5A-29A	-	4			Yes	Yes	Yes	Yes	40	0
		5			Yes	Yes				
		29			Yes	Yes				
CA_4A-5A-30A	-	4			Yes	Yes	Yes	Yes	40	0
		5			Yes	Yes				
		30			Yes	Yes				
CA_4A-4A-5A-30A	-	4	See CA_4A-4A Bandwidth Combination Set 0 in Table 5.4.2A.1-3						60	0
		5			Yes	Yes				
		30			Yes	Yes				
CA_4A-4A-5B-30A	-	4	See CA_4A-4A Bandwidth Combination Set 0 in Table 5.4.2A.1-3						70	0
		5	See CA_5B Bandwidth Combination Set 0 in Table 5.4.2A.1-1							
		30			Yes			30		
CA_4A-5B-30A	-	4			Yes	Yes	Yes	Yes	50	0
		5	See CA_5B Bandwidth Combination Set 0 in Table 5.4.2A.1-1							
		30			Yes	Yes				
CA_4A-7A-12A	-	4			Yes	Yes			40	0
		7			Yes	Yes	Yes	Yes		
		12			Yes	Yes				
		4			Yes	Yes	Yes	Yes	50	1
		7			Yes	Yes	Yes	Yes		
		12			Yes	Yes				
CA_4A-12A-30A	CA_4A-12A	4			Yes	Yes	Yes	Yes	40	0
		12			Yes	Yes				
		30			Yes	Yes				
CA_4A-4A-12A-30A	-	4	See CA_4A-4A Bandwidth Combination Set 0 in Table 5.4.2A.1-3						60	0
		12			Yes	Yes				
		30			Yes	Yes				
CA_4A-29A-30A	-	4			Yes	Yes	Yes	Yes	40	0
		29			Yes	Yes				
		30			Yes	Yes				

Inter-band bandwidth combination set (four bands):

CA_1A-7A-20A-42A		7				Yes	Yes	Yes		
		20			Yes	Yes	Yes	Yes		
		42			Yes	Yes	Yes	Yes		
CA_1A-19A-21A-42A	-	1			Yes	Yes	Yes	Yes	70	0
		19			Yes	Yes	Yes			
		21			Yes	Yes	Yes			
		42			Yes	Yes	Yes	Yes		
CA_1A-19A-21A-42C	-	1			Yes	Yes	Yes	Yes	90	0
		19			Yes	Yes	Yes			
		21			Yes	Yes	Yes			
		42	See CA_42C Bandwidth combination set 0 in Table 5.4.2A.1-1							
CA_2A-4A-5A-12A	-	2			Yes	Yes	Yes	Yes	60	0
		4			Yes	Yes	Yes	Yes		
		5			Yes	Yes				
		12			Yes	Yes				
CA_2A-4A-5A-29A	CA_2A-4A	2			Yes	Yes	Yes	Yes	60	0
		4			Yes	Yes	Yes	Yes		
		5			Yes	Yes				
		29			Yes	Yes				
CA_2A-4A-5A-30A	-	2			Yes	Yes	Yes	Yes	60	0
		4			Yes	Yes	Yes	Yes		
		5			Yes	Yes				
		30			Yes	Yes				
CA_2A-4A-5B-30A	-	2			Yes	Yes	Yes	Yes	70	0
		4			Yes	Yes	Yes	Yes		
		5	See CA_5B Bandwidth combination set 0 in Table 5.4.2A.1-1							
		30			Yes	Yes				
CA_2A-4A-7A-12A	-	2			Yes	Yes	Yes	Yes	70	0
		4			Yes	Yes	Yes	Yes		
		7			Yes	Yes	Yes	Yes		
		12			Yes	Yes				
CA_2A-4A-12A-30A	-	2			Yes	Yes	Yes	Yes	60	0
		4			Yes	Yes	Yes	Yes		
		12			Yes	Yes				
		30			Yes	Yes				
CA_2A-4A-29A-30A	-	2			Yes	Yes	Yes	Yes	60	0
		4			Yes	Yes	Yes	Yes		
		29			Yes	Yes				
		30			Yes	Yes				
CA_3A-7A-20A-42A	-	3			Yes	Yes	Yes	Yes	80	0
		7				Yes	Yes	Yes		
		20			Yes	Yes	Yes	Yes		
		42			Yes	Yes	Yes	Yes		

Test frequencies:

Table 4.3.1.1.2-1: Test frequencies for E-UTRA channel bandwidth for operating band 2

Test Frequency ID	Bandwidth [MHz]	N_{UL}	Frequency of Uplink [MHz]	N_{DL}	Frequency of Downlink [MHz]
Low Range	1.4	18607	1850.7	607	1930.7
	3	18615	1851.5	615	1931.5
	5	18625	1852.5	625	1932.5
	10	18650	1855	650	1935
	15 [1]	18675	1857.5	675	1937.5
	20 [1]	18700	1860	700	1940
Mid Range	1.4/3/5/10 15 [1]/20 [1]	18900	1880	900	1960
High Range	1.4	19193	1909.3	1193	1989.3
	3	19185	1908.5	1185	1988.5
	5	19175	1907.5	1175	1987.5
	10	19150	1905	1150	1985
	15 [1]	19125	1902.5	1125	1982.5
	20 [1]	19100	1900	1100	1980
NOTE 1: Bandwidth for which a relaxation of the specified UE receiver sensitivity requirement (TS 36.101 [27] Clause 7.3) is allowed.					

4.3.1.1.2A FDD reference test frequencies for CA in operating band 2

Table 4.3.1.1.2A-1: Test frequencies for CA_2A-2A

Test Frequency ID	CC-Combo / N_{RB_agg} [RB]	CC1 Note1					Wgap [MHz]	CC2 Note1				
		BW [RB]	N_{UL}	f_{UL} [MHz]	N_{DL}	f_{DL} [MHz]		BW [RB]	N_{UL}	f_{UL} [MHz]	N_{DL}	f_{DL} [MHz]
Max WGap	25+25	25	18625	1852.5	625	1932.5	50	25	19175	1907.5	1175	1987.5
	25+50	25	18625	1852.5	625	1932.5	45	50	19150	1905	1150	1985
		50	18650	1855	650	1935	45	25	19175	1907.5	1175	1987.5
	25+75	25	18625	1852.5	625	1932.5	40	75	19125	1902.5	1125	1982.5
		75	18675	1857.5	675	1937.5	40	25	19175	1907.5	1175	1987.5
	50+50	50	18650	1855	650	1935	40	50	19150	1905	1150	1985
	25+100	25	18625	1852.5	625	1932.5	35	100	19100	1900	1100	1980
		100	18700	1860	700	1940	35	25	19175	1907.5	1175	1987.5
	50+75	50	18650	1855	650	1935	35	75	19125	1902.5	1125	1982.5
		75	18675	1857.5	675	1937.5	35	50	19150	1905	1150	1985
	50+100	50	18650	1855	650	1935	30	100	19100	1900	1100	1980
		100	18700	1860	700	1940	30	50	19150	1905	1150	1985
	75+75	75	18675	1857.5	675	1937.5	30	75	19125	1902.5	1125	1982.5
	75+100	75	18675	1857.5	675	1937.5	25	100	19100	1900	1100	1980
		100	18700	1860	700	1940	25	75	19125	1902.5	1125	1982.5
	100+100	100	18700	1860	700	1940	20	100	19100	1900	1100	1980
Note 1: Carriers in increasing frequency order.												

Table 4.3.1.1.4-1: Test frequencies for E-UTRA channel bandwidth for operating band 4

Test Frequency ID	Bandwidth [MHz]	N_{UL}	Frequency of Uplink [MHz]	N_{DL}	Frequency of Downlink [MHz]
Low Range	1.4	19957	1710.7	1957	2110.7
	3	19965	1711.5	1965	2111.5
	5	19975	1712.5	1975	2112.5
	10	20000	1715	2000	2115
	15	20025	1717.5	2025	2117.5
	20	20050	1720	2050	2120
Mid Range	1.4/3/5/10/15/20	20175	1732.5	2175	2132.5
High Range	1.4	20393	1754.3	2393	2154.3
	3	20385	1753.5	2385	2153.5
	5	20375	1752.5	2375	2152.5
	10	20350	1750	2350	2150

Table 4.3.1.1.4A-1: Test frequencies for CA_4A-4A

Test Frequency ID	CC-Combo / N_{RB_agg} [RB]	CC1 Note1					Wgap [MHz]	CC2 Note1				
		BW [RB]	N_{UL}	f_{UL} [MHz]	N_{DL}	f_{DL} [MHz]		BW [RB]	N_{UL}	f_{UL} [MHz]	N_{DL}	[M
Low WGap	25+25	25	20125	1727.5	2125	2127.5	5	25	20225	1737.5	2225	21
	50+50	50	20100	1725	2100	2125	5	50	20250	1740	2250	2
	50+100	50	20095	1724.5	2095	2124.5	5	100	20255	1740.5	2255	21
	100+100	100	20050	1720	2050	2120	5	100	20300	1745	2300	2
Max WGap	25+25	25	19975	1712.5	1975	2112.5	35	25	20375	1752.5	2375	21
	25+50	25	19975	1712.5	1975	2112.5	30	50	20350	1750	2350	2
		50	20000	1715	2000	2115	30	25	20375	1752.5	2375	21
	25+75	25	19975	1712.5	1975	2112.5	25	75	20325	1747.5	2325	21
		75	20025	1717.5	2025	2117.5	25	25	20375	1752.5	2375	21
	50+50	50	20000	1715	2000	2115	25	50	20350	1750	2350	2
	25+100	25	19975	1712.5	1975	2112.5	20	100	20300	1745	2300	2
		100	20050	1720	2050	2120	20	25	20375	1752.5	2375	21
	50+75	50	20000	1715	2000	2115	20	75	20325	1747.5	2325	21
		75	20025	1717.5	2025	2117.5	20	50	20350	1750	2350	2
	50+100	50	20000	1715	2000	2115	15	100	20300	1745	2300	2
		100	20050	1720	2050	2120	15	50	20350	1750	2350	2
	75+75	75	20025	1717.5	2025	2117.5	15	75	20325	1747.5	2325	21
	75+100	75	20025	1717.5	2025	2117.5	10	100	20300	1745	2300	2
		100	20050	1720	2050	2120	10	75	20325	1747.5	2325	21
	100+100	100	20050	1720	2050	2120	5	100	20300	1745	2300	2

Table 4.3.1.1.12-1: Test frequencies for E-UTRA channel bandwidth for operating band 12

Test Frequency ID	Bandwidth [MHz]	N_{UL}	Frequency of Uplink [MHz]	N_{DL}	Frequency of Downlink [MHz]
Low Range	1.4	23017	699.7	5017	729.7
	3	23025	700.5	5025	730.5
	5 [1]	23035	701.5	5035	731.5
	10 [1]	23060	704	5060	734
Mid Range	1.4/3 5 [1]/10 [1]	23095	707.5	5095	737.5
High Range	1.4	23173	715.3	5173	745.3
	3	23165	714.5	5165	744.5
	5 [1]	23155	713.5	5155	743.5
	10 [1]	23130	711	5130	741
NOTE 1: Bandwidth for which a relaxation of the specified UE receiver sensitivity requirement (TS 36.101 [27] Clause 7.3) is allowed.					

Test configurations:

Initial Conditions								
Test Environment as specified in TS 36.508[7] subclause 4.1			NC, TL/VL, TL/VH, TH/VL, TH/VH					
Test Frequencies as specified in TS 36.508 [7] subclause 4.3.1 for different CA bandwidth classes, and PCC and SCCs are mapped onto physical frequencies according to Table 6.1-2.			Low and High range					
Test CC Combination setting (N_{RB_agg}) as specified in subclause 5.4.2A.1 for the CA Configuration across bandwidth combination sets supported by the UE.			Lowest N_{RB_agg} Highest N_{RB_agg} (Note 2)					
Test Parameters for CA Configurations								
CA Configuration / N_{RB_agg}		**DL Allocation**	**CC MOD**	**UL Allocation**				
PCC N_{RB}	**SCCs N_{RB}**	**PCC & SCC RB allocation**		**N_{RB_alloc}**	**PCC & SCC RB allocations (L_{CRB} @ RB_{start})**			
25	50	N/Afor this test	QPSK	1	P_1@0	S_0@0	-	-
25	50		QPSK	8	P_8@0	S_0@0	-	-
50	50		QPSK	1	P_1@0	S_0@0	-	-
50	50		QPSK	12	P_12@0	S_0@0	-	-
100	25		QPSK	1	P_1@0	S_0@0		
100	25		QPSK	8	P_8@0	S_0@0		
75	75		QPSK	1	P_1@0	S_0@0	-	-
75	75		QPSK	16	P_16@0	S_0@0	-	-
100	50		QPSK	1	P_1@0	S_0@0	-	-
100	50		QPSK	12	P_12@0	S_0@0	-	-
100	75		QPSK	1	P_1@0	S_0@0		
100	75		QPSK	16	P_16@0	S_0@0		
100	100		QPSK	1	P_1@0	S_0@0	-	-
100	100		QPSK	18	P_18@0	S_0@0	-	-
Note 1: CA Configuration Test CC Combination settings are checked separately for each CA Configuration, which applicable aggregated channel bandwidths are specified in Table 5.4.2A.1-1 Note 2: If in the CA Configuration UE supports multiple CC Combinations with the same N_{RB_agg}, only the first of those is tested, according to the order on the Test Configuration Table list.								

Table 6.2.2A.2.4.1-1: Test Configuration Table

Initial Conditions								
Test Environment as specified in TS 36.508[7] subclause 4.1		NC, TL/VL, TL/VH, TH/VL, TH/VH						
Test Frequencies as specified in TS 36.508 [7] subclause 4.3.1 for different CA bandwidth classes.		Low range for PCC and SCC High range for PCC and SCC (Note 3)						
Test CC Combination setting (N_{RB_agg}) as specified in subclause 5.4.2A.1 for the CA Configuration across bandwidth combination sets supported by the UE.		Lowest N_{RB_agg} Highest N_{RB_agg} (Note 2)						
Test Parameters for CA Configurations								
CA Configuration / N_{RB_agg}		DL Allocation	CC MOD	UL Allocation				
PCC N_{RB}	SCCs N_{RB}	PCC & SCC RB allocation		N_{RB_alloc}	PCC & SCC RB allocations (L_{CRB} @ RB_{start})			
6	25	N/Afor this test	QPSK	2	P_1@0	S_1@0	-	-
6	25		QPSK	2	P_1@5	S_1@24	-	-
6	25		QPSK	13	P_5@0	S_8@0	-	-
6	25		QPSK	13	P_5@1	S_8@17	-	-
6	50		QPSK	2	P_1@0	S_1@0	-	-
6	50		QPSK	2	P_1@5	S_1@49	-	-
6	50		QPSK	17	P_5@0	S_12@0	-	-
6	50		QPSK	17	P_5@1	S_12@38	-	-
25	15		QPSK	2	P_1@0	S_1@0	-	-
25	15		QPSK	2	P_1@24	S_1@14	-	-
25	15		QPSK	12	P_8@0	S_5@0	-	-
25	15		QPSK	12	P_8@17	S_5@10	-	-
25	25		QPSK	2	P_1@0	S_1@0	-	-
25	25		QPSK	2	P_1@24	S_1@24	-	-
25	25		QPSK	16	P_8@0	S_8@0	-	-
25	25		QPSK	16	P_8@17	S_8@17	-	-
25	50		QPSK	2	P_1@0	S_1@0	-	-
25	50		QPSK	2	P_1@24	S_1@49	-	-
25	50		QPSK	20	P_8@0	S_12@0	-	-
25	50		QPSK	20	P_8@17	S_12@38	-	-
50	25		QPSK	2	P_1@0	S_1@0	-	-
50	25		QPSK	2	P_1@49	S_1@24	-	-
50	25		QPSK	8	P_12@0	S_8@0	-	-
50	25		QPSK	8	P_12@38	S_8@17	-	-
50	50		QPSK	2	P_1@0	S_1@0	-	-
50	50		QPSK	2	P_1@49	S_1@49	-	-
50	50		QPSK	24	P_12@0	S_12@0	-	-
50	50		QPSK	24	P_12@38	S_12@38	-	-
50	100		QPSK	2	P_1@0	S_1@0	-	-
50	100		QPSK	2	P_1@49	S_1@99	-	-
50	100		QPSK	30	P_12@0	S_18@0	-	-

50	100		QPSK	30	P_12@38	S_18@82	-	-
75	75		QPSK	2	P_1@0	S_1@0	-	-
75	75		QPSK	2	P_1@74	S_1@74	-	-
75	75		QPSK	32	P_16@0	S_16@0	-	-
75	75		QPSK	32	P_16@59	S_16@59	-	-
100	50		QPSK	2	P_1@0	S_1@0	-	-
100	50		QPSK	2	P_1@99	S_1@49	-	-
100	50		QPSK	30	P_18@0	S_12@0	-	-
100	50		QPSK	30	P_18@82	S_12@38	-	-
100	75		QPSK	2	P_1@0	S_1@0	-	-
100	75		QPSK	2	P_1@99	S_1@74	-	-
100	75		QPSK	34	P_18@0	S_16@0	-	-
100	75		QPSK	34	P_18@82	S_16@59	-	-
100	100		QPSK	2	P_1@0	S_1@0	-	-
100	100		QPSK	2	P_1@99	S_1@99	-	-
100	100		QPSK	36	P_18@0	S_18@0	-	-
100	100		QPSK	36	P_18@82	S_18@82	-	-

Note 1: CA Configuration Test CC Combination settings are checked separately for each CA Configuration, which applicable aggregated channel bandwidths are specified in Table 5.4.2A.1-2.

Note 2: If in the CA Configuration UE supports multiple CC Combinations with the same N_{RB_agg}, only the first of those is tested, according to the order on the Test Configuration Table list.

Note 3: For Low range use only test points with RBstart=0. For High range use only test points with RBstart=RBmax-LCRB+1.

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 Type	Sub-Test	Frequency (MHz)	Burst Average Power		Peak Power	
				(dBm)	(W)	(dBm)	(W)
WCDMA Band II	QPSK	---	1852.4	23.56	0.227	27.06	0.508
			1880.0	23.49	0.223	26.82	0.481
			1907.6	23.66	0.232	26.93	0.493
HSDPA Band II	QPSK	1	1852.4	22.71	0.187	26.21	0.418
			1880.0	22.63	0.183	25.95	0.394
			1907.6	22.85	0.193	26.12	0.409
		2	1852.4	22.18	0.165	25.67	0.369
			1880.0	22.09	0.162	25.43	0.349
			1907.6	22.32	0.171	25.59	0.362
		3	1852.4	22.15	0.164	25.65	0.367
			1880.0	22.06	0.161	25.39	0.346
			1907.6	22.27	0.169	25.54	0.358
		4	1852.4	22.56	0.180	26.06	0.404
			1880.0	22.48	0.177	25.80	0.380
			1907.6	22.71	0.187	25.97	0.395
HSUPA Band II	QPSK	1	1852.4	22.22	0.167	25.72	0.373
			1880.0	22.08	0.161	25.42	0.348
			1907.6	22.33	0.171	25.60	0.363
		2	1852.4	20.22	0.105	23.72	0.236
			1880.0	20.05	0.101	23.39	0.218
			1907.6	20.32	0.108	23.60	0.229
		3	1852.4	21.19	0.132	24.69	0.294
			1880.0	21.04	0.127	24.38	0.274
			1907.6	21.29	0.135	24.55	0.285
		4	1852.4	20.17	0.104	23.68	0.233
			1880.0	20.01	0.100	23.35	0.216
			1907.6	20.28	0.107	23.56	0.227
		5	1852.4	22.06	0.161	25.55	0.359
			1880.0	21.91	0.155	25.24	0.334
			1907.6	22.16	0.164	25.43	0.349

Note: The peak power testing result was used peak detector.

Band	Modulation Type	Sub-Test	Frequency (MHz)	Burst Average Power		Peak Power	
				(dBm)	(W)	(dBm)	(W)
WCDMA Band V	QPSK	-----	826.4	23.51	0.224	**27.16**	**0.520**
			836.6	23.43	0.220	27.05	0.507
			846.6	23.29	0.213	26.89	0.489
HSDPA Band V	QPSK	1	826.4	22.68	0.185	26.34	0.431
			836.6	22.57	0.181	26.19	0.416
			846.6	22.44	0.175	26.04	0.402
		2	826.4	22.16	0.164	25.81	0.381
			836.6	22.05	0.160	25.67	0.369
			846.6	21.91	0.155	25.51	0.356
		3	826.4	22.12	0.163	25.77	0.378
			836.6	22.02	0.159	25.64	0.366
			846.6	21.88	0.154	25.48	0.353
		4	826.4	22.52	0.179	26.18	0.415
			836.6	22.41	0.174	26.03	0.401
			846.6	22.27	0.169	25.87	0.386
HSUPA Band V	QPSK	1	826.4	22.16	0.164	25.82	0.382
			836.6	22.01	0.159	25.63	0.366
			846.6	21.88	0.154	25.48	0.353
		2	826.4	20.18	0.104	23.84	0.242
			836.6	20.03	0.101	23.66	0.232
			846.6	19.89	0.097	23.48	0.223
		3	826.4	21.15	0.130	24.79	0.301
			836.6	20.99	0.126	24.61	0.289
			846.6	20.88	0.122	24.47	0.280
		4	826.4	20.14	0.103	23.80	0.240
			836.6	19.99	0.100	23.61	0.230
			846.6	19.83	0.096	23.43	0.220
		5	826.4	22.05	0.160	25.70	0.372
			836.6	21.89	0.155	25.50	0.355
			846.6	21.79	0.151	25.39	0.346

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band2	1.4 MHz	QPSK	18607	1850.7	1	0	23.20	0.209
					1	2	23.24	0.211
					1	5	23.16	0.207
					3	0	23.15	0.207
					3	1	23.25	0.211
					3	3	23.17	0.207
					6	0	22.26	0.168
			18900	1880.0	1	0	23.20	0.209
					1	2	**23.37**	**0.217**
					1	5	23.20	0.209
					3	0	23.32	0.215
					3	1	23.28	0.213
					3	3	23.32	0.215
					6	0	22.33	0.171
			19193	1909.3	1	0	23.14	0.206
					1	2	23.23	0.210
					1	5	23.15	0.207
					3	0	23.19	0.208
					3	1	23.20	0.209
					3	3	23.17	0.207
					6	0	22.27	0.169
		16QAM	18607	1850.7	1	0	22.43	0.175
					1	2	22.50	0.178
					1	5	22.42	0.175
					3	0	22.38	0.173
					3	1	22.41	0.174
					3	3	22.34	0.171
					6	0	21.47	0.140
			18900	1880.0	1	0	22.47	0.177
					1	2	22.54	0.179
					1	5	22.47	0.177
					3	0	22.44	0.175
					3	1	**22.53**	**0.179**
					3	3	22.40	0.174
					6	0	21.43	0.139
			19193	1909.3	1	0	22.48	0.177
					1	2	22.44	0.175
					1	5	22.41	0.174
					3	0	22.32	0.171
					3	1	22.46	0.176
					3	3	22.32	0.171
					6	0	21.44	0.139

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band2	3 MHz	QPSK	18615	1851.5	1	0	23.24	0.211
					1	7	23.33	0.215
					1	14	23.14	0.206
					8	0	22.34	0.171
					8	3	22.36	0.172
					8	7	22.26	0.168
					15	0	22.33	0.171
			18900	1880.0	1	0	23.27	0.212
					1	7	**23.39**	**0.218**
					1	14	23.28	0.213
					8	0	22.40	0.174
					8	3	22.40	0.174
					8	7	22.34	0.171
					15	0	22.37	0.173
			19185	1908.5	1	0	23.17	0.207
					1	7	23.34	0.216
					1	14	23.08	0.203
					8	0	22.36	0.172
					8	3	22.42	0.175
					8	7	22.29	0.169
					15	0	22.35	0.172
		16QAM	18615	1851.5	1	0	22.54	0.179
					1	7	22.58	0.181
					1	14	22.48	0.177
					8	0	21.39	0.138
					8	3	21.40	0.138
					8	7	21.35	0.136
					15	0	21.30	0.135
			18900	1880.0	1	0	22.56	0.180
					1	7	**22.65**	**0.184**
					1	14	22.56	0.180
					8	0	21.45	0.140
					8	3	21.45	0.140
					8	7	21.38	0.137
					15	0	21.38	0.137
			19185	1908.5	1	0	22.45	0.176
					1	7	22.63	0.183
					1	14	22.46	0.176
					8	0	21.40	0.138
					8	3	21.45	0.140
					8	7	21.45	0.140
					15	0	21.31	0.135

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band2	5 MHz	QPSK	18625	1852.5	1	0	**23.41**	**0.219**
					1	12	23.17	0.207
					1	24	23.22	0.210
					12	0	22.37	0.173
					12	6	22.38	0.173
					12	13	22.30	0.170
					25	0	22.32	0.171
			18900	1880.0	1	0	23.38	0.218
					1	12	23.31	0.214
					1	24	23.29	0.213
					12	0	22.43	0.175
					12	6	22.40	0.174
					12	13	22.33	0.171
					25	0	22.36	0.172
			19175	1907.5	1	0	23.25	0.211
					1	12	23.16	0.207
					1	24	23.17	0.207
					12	0	22.43	0.175
					12	6	22.39	0.173
					12	13	22.33	0.171
					25	0	22.35	0.172
		16QAM	18625	1852.5	1	0	**22.66**	**0.185**
					1	12	22.55	0.180
					1	24	22.45	0.176
					12	0	21.43	0.139
					12	6	21.40	0.138
					12	13	21.32	0.136
					25	0	21.32	0.136
			18900	1880.0	1	0	22.66	0.185
					1	12	22.62	0.183
					1	24	22.57	0.181
					12	0	21.47	0.140
					12	6	21.45	0.140
					12	13	21.35	0.136
					25	0	21.38	0.137
			19175	1907.5	1	0	22.60	0.182
					1	12	22.52	0.179
					1	24	22.56	0.180
					12	0	21.47	0.140
					12	6	21.44	0.139
					12	11	21.36	0.137
					25	0	21.38	0.137

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band2	10 MHz	QPSK	18650	1855.0	1	0	23.61	0.230
					1	24	23.19	0.208
					1	49	23.22	0.210
					25	0	22.50	0.178
					25	12	22.39	0.173
					25	25	22.31	0.170
					50	0	22.42	0.175
			18900	1880.0	1	0	**23.62**	**0.230**
					1	24	23.33	0.215
					1	49	23.35	0.216
					25	0	22.57	0.181
					25	12	22.44	0.175
					25	25	22.46	0.176
					50	0	22.47	0.177
			19150	1905.0	1	0	23.60	0.229
					1	24	23.15	0.207
					1	49	23.32	0.215
					25	0	22.53	0.179
					25	12	22.46	0.176
					25	25	22.38	0.173
					50	0	22.48	0.177
		16QAM	18650	1855.0	1	0	22.89	0.195
					1	24	22.45	0.176
					1	49	22.49	0.177
					25	0	21.49	0.141
					25	12	21.39	0.138
					25	25	21.27	0.134
					50	0	21.34	0.136
			18900	1880.0	1	0	22.90	0.195
					1	24	22.55	0.180
					1	49	22.63	0.183
					25	0	21.53	0.142
					25	12	21.42	0.139
					25	25	21.46	0.140
					50	0	21.42	0.139
			19150	1905.0	1	0	**22.93**	**0.196**
					1	24	22.42	0.175
					1	49	22.57	0.181
					25	0	21.43	0.139
					25	12	21.43	0.139
					25	25	21.36	0.137
					50	0	21.45	0.140

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band2	15 MHz	QPSK	18675	1857.5	1	0	23.30	0.214
					1	37	23.36	0.217
					1	74	23.32	0.215
					36	0	22.45	0.176
					36	19	22.33	0.171
					36	39	22.33	0.171
					75	0	22.38	0.173
			18900	1880.0	1	0	23.45	0.221
					1	37	23.44	0.221
					1	74	23.49	0.223
					36	0	22.46	0.176
					36	19	22.39	0.173
					36	39	22.47	0.177
					75	0	22.49	0.177
			19125	1902.5	1	0	23.41	0.219
					1	37	**23.53**	**0.225**
					1	74	23.51	0.224
					36	0	22.52	0.179
					36	19	22.48	0.177
					36	39	22.49	0.177
					75	0	22.54	0.179
		16QAM	18675	1857.5	1	0	22.73	0.187
					1	37	22.54	0.179
					1	74	22.56	0.180
					36	0	21.42	0.139
					36	19	21.33	0.136
					36	39	21.26	0.134
					75	0	21.34	0.136
			18900	1880.0	1	0	22.60	0.182
					1	37	22.50	0.178
					1	74	22.76	0.189
					36	0	21.42	0.139
					36	19	21.38	0.137
					36	39	21.44	0.139
					75	0	21.43	0.139
			19125	1902.5	1	0	22.72	0.187
					1	37	22.51	0.178
					1	74	**22.86**	**0.193**
					36	0	21.48	0.141
					36	19	21.51	0.142
					36	39	21.46	0.140
					75	0	21.54	0.143

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band2	20 MHz	QPSK	18700	1860.0	1	0	23.40	0.219
					1	49	23.21	0.209
					1	99	23.42	0.220
					50	0	22.46	0.176
					50	25	22.33	0.171
					50	50	22.40	0.174
					100	0	22.42	0.175
			18900	1880.0	1	0	23.52	0.225
					1	49	23.21	0.209
					1	99	**23.68**	**0.233**
					50	0	22.46	0.176
					50	25	22.39	0.173
					50	50	22.47	0.177
					100	0	22.46	0.176
			19100	1900.0	1	0	23.50	0.224
					1	49	23.20	0.209
					1	99	23.64	0.231
					50	0	22.51	0.178
					50	25	22.37	0.173
					50	50	22.49	0.177
					100	0	22.55	0.180
		16QAM	18700	1860.0	1	0	22.67	0.185
					1	49	22.45	0.176
					1	99	22.85	0.193
					50	0	21.45	0.140
					50	25	21.31	0.135
					50	50	21.34	0.136
					100	0	21.39	0.138
			18900	1880.0	1	0	22.69	0.186
					1	49	22.53	0.179
					1	99	23.02	0.200
					50	0	21.44	0.139
					50	25	21.37	0.137
					50	50	21.41	0.138
					100	0	21.44	0.139
			19100	1900.0	1	0	22.82	0.191
					1	49	22.46	0.176
					1	99	**23.03**	**0.201**
					50	0	21.37	0.137
					50	25	21.49	0.141
					50	50	21.46	0.140
					100	0	21.49	0.141

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band4	1.4 MHz	QPSK	19957	1710.7	1	0	**23.31**	**0.214**
					1	2	23.30	0.214
					1	5	23.09	0.204
					3	0	23.25	0.211
					3	1	23.24	0.211
					3	3	23.17	0.207
					6	0	22.33	0.171
			20175	1732.5	1	0	22.98	0.199
					1	2	23.00	0.200
					1	5	23.04	0.201
					3	0	23.15	0.207
					3	1	23.15	0.207
					3	3	23.03	0.201
					6	0	22.15	0.164
			20393	1754.3	1	0	23.11	0.205
					1	2	23.17	0.207
					1	5	23.09	0.204
					3	0	23.19	0.208
					3	1	23.19	0.208
					3	3	23.16	0.207
					6	0	22.22	0.167
		16QAM	19957	1710.7	1	0	22.43	0.175
					1	2	22.49	0.177
					1	5	22.45	0.176
					3	0	22.41	0.174
					3	1	22.43	0.175
					3	3	22.32	0.171
					6	0	21.42	0.139
			20175	1732.5	1	0	22.35	0.172
					1	2	22.37	0.173
					1	5	22.29	0.169
					3	0	22.27	0.169
					3	1	22.35	0.172
					3	3	22.18	0.165
					6	0	21.25	0.133
			20393	1754.3	1	0	**22.55**	**0.180**
					1	2	22.47	0.177
					1	5	22.51	0.178
					3	0	22.29	0.169
					3	1	22.33	0.171
					3	3	22.32	0.171
					6	0	21.47	0.140

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band4	3 MHz	QPSK	19965	1711.5	1	0	**23.28**	**0.213**
					1	7	23.24	0.211
					1	14	23.09	0.204
					8	0	22.33	0.171
					8	3	22.40	0.174
					8	7	22.40	0.174
					15	0	22.37	0.173
			20175	1732.5	1	0	23.16	0.207
					1	7	23.19	0.208
					1	14	23.01	0.200
					8	0	22.20	0.166
					8	3	22.23	0.167
					8	7	22.23	0.167
					15	0	22.21	0.166
			20385	1753.5	1	0	23.25	0.211
					1	7	23.23	0.210
					1	14	23.12	0.205
					8	0	22.38	0.173
					8	3	22.30	0.170
					8	7	22.27	0.169
					15	0	22.26	0.168
		16QAM	19965	1711.5	1	0	22.54	0.179
					1	7	**22.57**	**0.181**
					1	14	22.39	0.173
					8	0	21.51	0.142
					8	3	21.42	0.139
					8	7	21.50	0.141
					15	0	21.35	0.136
			20175	1732.5	1	0	22.37	0.173
					1	7	22.35	0.172
					1	14	22.32	0.171
					8	0	21.25	0.133
					8	3	21.26	0.134
					8	7	21.28	0.134
					15	0	21.19	0.132
			20385	1753.5	1	0	22.53	0.179
					1	7	22.51	0.178
					1	14	22.37	0.173
					8	0	21.42	0.139
					8	3	21.33	0.136
					8	7	21.29	0.135
					15	0	21.22	0.132

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band4	5 MHz	QPSK	19975	1712.5	1	0	**23.38**	**0.218**
					1	12	23.09	0.204
					1	24	23.18	0.208
					12	0	22.35	0.172
					12	6	22.28	0.169
					12	13	22.26	0.168
					25	0	22.23	0.167
			20175	1732.5	1	0	23.27	0.212
					1	12	23.14	0.206
					1	24	23.10	0.204
					12	0	22.20	0.166
					12	6	22.21	0.166
					12	13	22.22	0.167
					25	0	22.22	0.167
			20375	1752.5	1	0	23.32	0.215
					1	12	23.22	0.210
					1	24	23.13	0.206
					12	0	22.37	0.173
					12	6	22.40	0.174
					12	13	22.25	0.168
					25	0	22.39	0.173
		16QAM	19975	1712.5	1	0	**22.67**	**0.185**
					1	12	22.39	0.173
					1	24	22.42	0.175
					12	0	21.38	0.137
					12	6	21.32	0.136
					12	13	21.30	0.135
					25	0	21.24	0.133
			20175	1732.5	1	0	22.55	0.180
					1	12	22.39	0.173
					1	24	22.36	0.172
					12	0	21.26	0.134
					12	6	21.32	0.136
					12	13	21.25	0.133
					25	0	21.24	0.133
			20375	1752.5	1	0	22.63	0.183
					1	12	22.53	0.179
					1	24	22.43	0.175
					12	0	21.40	0.138
					12	6	21.44	0.139
					12	11	21.26	0.134
					25	0	21.34	0.136

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band4	10 MHz	QPSK	20000	1715.0	1	0	23.57	0.228
					1	24	23.23	0.210
					1	49	23.54	0.226
					25	0	22.49	0.177
					25	12	22.31	0.170
					25	25	22.38	0.173
					50	0	22.50	0.178
			20175	1732.5	1	0	23.43	0.220
					1	24	23.25	0.211
					1	49	23.50	0.224
					25	0	22.51	0.178
					25	12	22.36	0.172
					25	25	22.39	0.173
					50	0	22.52	0.179
			20350	1750.0	1	0	**23.63**	**0.231**
					1	24	23.25	0.211
					1	49	23.55	0.226
					25	0	22.52	0.179
					25	12	22.33	0.171
					25	25	22.31	0.170
					50	0	22.49	0.177
		16QAM	20000	1715.0	1	0	22.81	0.191
					1	24	22.50	0.178
					1	49	22.72	0.187
					25	0	21.38	0.137
					25	12	21.35	0.136
					25	25	21.42	0.139
					50	0	21.48	0.141
			20175	1732.5	1	0	22.80	0.191
					1	24	22.53	0.179
					1	49	22.77	0.189
					25	0	21.60	0.145
					25	12	21.39	0.138
					25	25	21.38	0.137
					50	0	21.52	0.142
			20350	1750.0	1	0	**22.94**	**0.197**
					1	24	22.47	0.177
					1	49	22.77	0.189
					25	0	21.51	0.142
					25	12	21.29	0.135
					25	25	21.28	0.134
					50	0	21.49	0.141

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band4	15 MHz	QPSK	20025	1717.5	1	0	**23.63**	**0.231**
					1	37	23.48	0.223
					1	74	23.29	0.213
					36	0	22.49	0.177
					36	19	22.42	0.175
					36	39	22.33	0.171
					75	0	22.50	0.178
			20175	1732.5	1	0	23.43	0.220
					1	37	23.41	0.219
					1	74	23.44	0.221
					36	0	22.52	0.179
					36	19	22.42	0.175
					36	39	22.38	0.173
					75	0	22.50	0.178
			20325	1747.5	1	0	23.43	0.220
					1	37	23.56	0.227
					1	74	23.42	0.220
					36	0	22.73	0.187
					36	19	22.52	0.179
					36	39	22.42	0.175
					75	0	22.55	0.180
		16QAM	20025	1717.5	1	0	**22.86**	**0.193**
					1	37	22.48	0.177
					1	74	22.48	0.177
					36	0	21.44	0.139
					36	19	21.38	0.137
					36	39	21.24	0.133
					75	0	21.41	0.138
			20175	1732.5	1	0	22.81	0.191
					1	37	22.56	0.180
					1	74	22.52	0.179
					36	0	21.53	0.142
					36	19	21.41	0.138
					36	39	21.35	0.136
					75	0	21.47	0.140
			20325	1747.5	1	0	22.84	0.192
					1	37	22.67	0.185
					1	74	22.69	0.186
					36	0	21.63	0.146
					36	19	21.48	0.141
					36	39	21.36	0.137
					75	0	21.49	0.141

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band4	20 MHz	QPSK	20050	1720.0	1	0	**23.65**	**0.232**
					1	49	23.21	0.209
					1	99	23.16	0.207
					50	0	22.43	0.175
					50	25	22.39	0.173
					50	50	22.23	0.167
					100	0	22.29	0.169
			20175	1732.5	1	0	23.57	0.228
					1	49	23.05	0.202
					1	99	23.22	0.210
					50	0	22.45	0.176
					50	25	22.26	0.168
					50	50	22.24	0.167
					100	0	22.29	0.169
			20300	1745.0	1	0	23.58	0.228
					1	49	23.34	0.216
					1	99	23.41	0.219
					50	0	22.64	0.184
					50	25	22.55	0.180
					50	50	22.51	0.178
					100	0	22.52	0.179
		16QAM	20050	1720.0	1	0	22.90	0.195
					1	49	22.42	0.175
					1	99	22.42	0.175
					50	0	21.40	0.138
					50	25	21.36	0.137
					50	50	21.20	0.132
					100	0	21.28	0.134
			20175	1732.5	1	0	22.92	0.196
					1	49	22.40	0.174
					1	99	22.54	0.179
					50	0	21.40	0.138
					50	25	21.24	0.133
					50	50	21.22	0.132
					100	0	21.26	0.134
			20300	1745.0	1	0	**22.95**	**0.197**
					1	49	22.58	0.181
					1	99	22.65	0.184
					50	0	21.58	0.144
					50	25	21.50	0.141
					50	50	21.47	0.140
					100	0	21.46	0.140

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band5	1.4 MHz	QPSK	20407	824.7	1	0	22.83	0.192
					1	2	22.91	0.195
					1	5	22.75	0.188
					3	0	22.86	0.193
					3	1	22.90	0.195
					3	3	22.81	0.191
					6	0	21.91	0.155
			20525	836.5	1	0	22.83	0.192
					1	2	22.88	0.194
					1	5	22.84	0.192
					3	0	22.85	0.193
					3	1	22.93	0.196
					3	3	22.82	0.191
					6	0	21.91	0.155
			20643	848.3	1	0	22.84	0.192
					1	2	**23.07**	**0.203**
					1	5	22.90	0.195
					3	0	23.03	0.201
					3	1	23.01	0.200
					3	3	23.01	0.200
					6	0	22.03	0.160
		16QAM	20407	824.7	1	0	**22.27**	**0.169**
					1	2	22.23	0.167
					1	5	22.21	0.166
					3	0	22.01	0.159
					3	1	22.05	0.160
					3	3	21.95	0.157
					6	0	21.25	0.133
			20525	836.5	1	0	22.12	0.163
					1	2	22.22	0.167
					1	5	22.15	0.164
					3	0	22.01	0.159
					3	1	22.10	0.162
					3	3	21.99	0.158
					6	0	20.94	0.124
			20643	848.3	1	0	22.24	0.167
					1	2	22.22	0.167
					1	5	22.23	0.167
					3	0	22.13	0.163
					3	1	22.18	0.165
					3	3	22.12	0.163
					6	0	21.23	0.133

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band5	3 MHz	QPSK	20415	825.5	1	0	**22.96**	**0.198**
					1	7	22.85	0.193
					1	14	22.83	0.192
					8	0	21.95	0.157
					8	3	22.01	0.159
					8	7	22.02	0.159
					15	0	21.99	0.158
			20525	836.5	1	0	22.94	0.197
					1	7	22.87	0.194
					1	14	22.86	0.193
					8	0	22.06	0.161
					8	3	22.06	0.161
					8	7	21.95	0.157
					15	0	22.01	0.159
			20635	847.5	1	0	22.92	0.196
					1	7	22.90	0.195
					1	14	22.86	0.193
					8	0	22.02	0.159
					8	3	22.04	0.160
					8	7	21.96	0.157
					15	0	21.97	0.157
		16QAM	20415	825.5	1	0	**22.22**	**0.167**
					1	7	22.11	0.163
					1	14	22.08	0.161
					8	0	20.89	0.123
					8	3	20.93	0.124
					8	7	20.96	0.125
					15	0	20.91	0.123
			20525	836.5	1	0	22.13	0.163
					1	7	22.10	0.162
					1	14	22.04	0.160
					8	0	20.99	0.126
					8	3	20.96	0.125
					8	7	20.85	0.122
					15	0	20.96	0.125
			20635	847.5	1	0	22.13	0.163
					1	7	22.10	0.162
					1	14	22.08	0.161
					8	0	20.98	0.125
					8	3	20.94	0.124
					8	7	20.90	0.123
					15	0	20.91	0.123

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band5	5 MHz	QPSK	20425	826.5	1	0	22.90	0.195
					1	12	22.88	0.194
					1	24	22.87	0.194
					12	0	21.93	0.156
					12	6	21.89	0.155
					12	13	21.93	0.156
					25	0	21.93	0.156
			20525	836.5	1	0	22.92	0.196
					1	12	**22.93**	**0.196**
					1	24	22.86	0.193
					12	0	22.03	0.160
					12	6	21.96	0.157
					12	13	21.93	0.156
					25	0	21.98	0.158
			20625	846.5	1	0	22.89	0.195
					1	12	22.88	0.194
					1	24	22.85	0.193
					12	0	21.95	0.157
					12	6	22.00	0.158
					12	13	21.95	0.157
					25	0	21.94	0.156
		16QAM	20425	826.5	1	0	22.17	0.165
					1	12	22.18	0.165
					1	24	22.11	0.163
					12	0	20.96	0.125
					12	6	20.91	0.123
					12	13	20.92	0.124
					25	0	20.91	0.123
			20525	836.5	1	0	22.18	0.165
					1	12	**22.19**	**0.166**
					1	24	22.05	0.160
					12	0	21.05	0.127
					12	6	21.02	0.126
					12	13	20.98	0.125
					25	0	20.95	0.124
			20625	846.5	1	0	22.17	0.165
					1	12	22.14	0.164
					1	24	22.13	0.163
					12	0	20.95	0.124
					12	6	21.07	0.128
					12	11	20.98	0.125
					25	0	20.89	0.123

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band5	10 MHz	QPSK	20450	829.0	1	0	22.90	0.195
					1	24	22.93	0.196
					1	49	22.81	0.191
					25	0	21.88	0.154
					25	12	21.96	0.157
					25	25	21.88	0.154
					50	0	21.86	0.153
			20525	836.5	1	0	22.93	0.196
					1	24	23.00	0.200
					1	49	22.91	0.195
					25	0	21.91	0.155
					25	12	21.96	0.157
					25	25	21.87	0.154
					50	0	21.92	0.156
			20600	844.0	1	0	22.88	0.194
					1	24	**23.09**	**0.204**
					1	49	22.93	0.196
					25	0	22.07	0.161
					25	12	22.10	0.162
					25	25	22.09	0.162
					50	0	22.07	0.161
		16QAM	20450	829.0	1	0	22.06	0.161
					1	24	22.18	0.165
					1	49	22.04	0.160
					25	0	20.85	0.122
					25	12	20.90	0.123
					25	25	20.84	0.121
					50	0	20.86	0.122
			20525	836.5	1	0	22.17	0.165
					1	24	22.26	0.168
					1	49	22.16	0.164
					25	0	20.88	0.122
					25	12	20.92	0.124
					25	25	20.86	0.122
					50	0	20.90	0.123
			20600	844.0	1	0	22.26	0.168
					1	24	**22.35**	**0.172**
					1	49	22.22	0.167
					25	0	21.05	0.127
					25	12	21.09	0.129
					25	25	21.06	0.128
					50	0	21.06	0.128

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band7	5 MHz	QPSK	20775	2502.5	1	0	23.05	0.202
					1	12	23.01	0.200
					1	24	23.03	0.201
					12	0	21.98	0.158
					12	6	22.05	0.160
					12	13	21.97	0.157
					25	0	21.97	0.157
			21100	2535.0	1	0	23.17	0.207
					1	12	23.11	0.205
					1	24	23.10	0.204
					12	0	22.15	0.164
					12	6	22.11	0.163
					12	13	22.10	0.162
					25	0	22.13	0.163
			21425	2567.5	1	0	23.17	0.207
					1	12	**23.20**	**0.209**
					1	24	23.04	0.201
					12	0	22.22	0.167
					12	6	22.32	0.171
					12	13	22.24	0.167
					25	0	22.28	0.169
		16QAM	20775	2502.5	1	0	22.32	0.171
					1	12	22.33	0.171
					1	24	22.30	0.170
					12	0	21.46	0.140
					12	6	21.34	0.136
					12	13	21.19	0.132
					25	0	21.14	0.130
			21100	2535.0	1	0	22.44	0.175
					1	12	22.38	0.173
					1	24	22.34	0.171
					12	0	21.17	0.131
					12	6	21.20	0.132
					12	13	21.16	0.131
					25	0	21.08	0.128
			21425	2567.5	1	0	**22.56**	**0.180**
					1	12	22.45	0.176
					1	24	22.37	0.173
					12	0	21.32	0.136
					12	6	21.36	0.137
					12	11	21.31	0.135
					25	0	21.24	0.133

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band7	10 MHz	QPSK	20800	2505.0	1	0	23.18	0.208
					1	24	23.00	0.200
					1	49	23.07	0.203
					25	0	22.13	0.163
					25	12	22.15	0.164
					25	25	22.09	0.162
					50	0	22.06	0.161
			21100	2535.0	1	0	23.32	0.215
					1	24	23.10	0.204
					1	49	23.12	0.205
					25	0	22.24	0.167
					25	12	22.19	0.166
					25	25	22.18	0.165
					50	0	22.24	0.167
			21400	2565.0	1	0	**23.34**	**0.216**
					1	24	23.29	0.213
					1	49	23.21	0.209
					25	0	22.29	0.169
					25	12	22.38	0.173
					25	25	22.29	0.169
					50	0	22.31	0.170
		16QAM	20800	2505.0	1	0	22.45	0.176
					1	24	22.17	0.165
					1	49	22.26	0.168
					25	0	21.09	0.129
					25	12	21.12	0.129
					25	25	21.05	0.127
					50	0	21.02	0.126
			21100	2535.0	1	0	22.58	0.181
					1	24	22.34	0.171
					1	49	22.37	0.173
					25	0	21.18	0.131
					25	12	21.15	0.130
					25	25	21.13	0.130
					50	0	21.13	0.130
			21400	2565.0	1	0	22.71	0.187
					1	24	**22.73**	**0.187**
					1	49	22.59	0.182
					25	0	21.22	0.132
					25	12	21.33	0.136
					25	25	21.21	0.132
					50	0	21.23	0.133

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band7	15 MHz	QPSK	20825	2507.5	1	0	23.10	0.204
					1	37	22.91	0.195
					1	74	23.23	0.210
					36	0	22.18	0.165
					36	19	22.10	0.162
					36	39	22.12	0.163
					75	0	22.17	0.165
			21100	2535.0	1	0	23.18	0.208
					1	37	23.12	0.205
					1	74	**23.31**	**0.214**
					36	0	22.32	0.171
					36	19	22.26	0.168
					36	39	22.21	0.166
					75	0	22.32	0.171
			21375	2562.5	1	0	23.17	0.207
					1	37	23.21	0.209
					1	74	23.18	0.208
					36	0	22.21	0.166
					36	19	22.13	0.163
					36	39	22.19	0.166
					75	0	22.20	0.166
		16QAM	20825	2507.5	1	0	22.48	0.177
					1	37	22.45	0.176
					1	74	22.56	0.180
					36	0	21.12	0.129
					36	19	21.12	0.129
					36	39	21.04	0.127
					75	0	21.12	0.129
			21100	2535.0	1	0	22.57	0.181
					1	37	22.47	0.177
					1	74	**22.62**	**0.183**
					36	0	21.23	0.133
					36	19	21.24	0.133
					36	39	21.12	0.129
					75	0	21.25	0.133
			21375	2562.5	1	0	22.47	0.177
					1	37	22.27	0.169
					1	74	22.54	0.179
					36	0	21.12	0.129
					36	19	21.04	0.127
					36	39	21.11	0.129
					75	0	21.07	0.128

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band7	20 MHz	QPSK	20850	2510.0	1	0	23.19	0.208
					1	49	22.96	0.198
					1	99	23.34	0.216
					50	0	22.20	0.166
					50	25	22.06	0.161
					50	50	22.12	0.163
					100	0	22.14	0.164
			21100	2535.0	1	0	23.24	0.211
					1	49	23.14	0.206
					1	99	**23.45**	**0.221**
					50	0	22.24	0.167
					50	25	22.21	0.166
					50	50	22.22	0.167
					100	0	22.29	0.169
			21350	2560.0	1	0	23.18	0.208
					1	49	23.03	0.201
					1	99	23.41	0.219
					50	0	22.26	0.168
					50	25	22.14	0.164
					50	50	22.23	0.167
					100	0	22.23	0.167
		16QAM	20850	2510.0	1	0	22.54	0.179
					1	49	22.28	0.169
					1	99	22.63	0.183
					50	0	21.17	0.131
					50	25	21.05	0.127
					50	50	21.06	0.128
					100	0	21.07	0.128
			21100	2535.0	1	0	22.49	0.177
					1	49	22.42	0.175
					1	99	**22.77**	**0.189**
					50	0	21.19	0.132
					50	25	21.20	0.132
					50	50	21.16	0.131
					100	0	21.22	0.132
			21350	2560.0	1	0	22.54	0.179
					1	49	22.48	0.177
					1	99	22.76	0.189
					50	0	21.24	0.133
					50	25	21.15	0.130
					50	50	21.20	0.132
					100	0	21.19	0.132

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band12	1.4 MHz	QPSK	23017	699.7	1	0	22.83	0.192
					1	2	23.01	0.200
					1	5	22.80	0.191
					3	0	22.01	0.159
					3	1	22.04	0.160
					3	3	21.89	0.155
					6	0	21.89	0.155
			23095	707.5	1	0	22.87	0.194
					1	2	**23.09**	**0.204**
					1	5	22.87	0.194
					3	0	22.05	0.160
					3	1	22.03	0.160
					3	3	22.02	0.159
					6	0	22.00	0.158
			23173	715.3	1	0	22.89	0.195
					1	2	23.04	0.201
					1	5	22.95	0.197
					3	0	22.10	0.162
					3	1	22.15	0.164
					3	3	22.16	0.164
					6	0	22.12	0.163
		16QAM	23017	699.7	1	0	22.08	0.161
					1	2	22.19	0.166
					1	5	22.13	0.163
					3	0	21.05	0.127
					3	1	21.07	0.128
					3	3	20.94	0.124
					6	0	20.93	0.124
			23095	707.5	1	0	22.13	0.163
					1	2	22.33	0.171
					1	5	22.15	0.164
					3	0	21.00	0.126
					3	1	20.98	0.125
					3	3	21.01	0.126
					6	0	20.97	0.125
			23173	715.3	1	0	22.17	0.165
					1	2	**22.37**	**0.173**
					1	5	22.21	0.166
					3	0	21.11	0.129
					3	1	21.14	0.130
					3	3	21.18	0.131
					6	0	21.02	0.126

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band12	3 MHz	QPSK	23025	700.5	1	0	22.92	0.196
					1	7	22.95	0.197
					1	14	22.91	0.195
					8	0	21.98	0.158
					8	3	22.03	0.160
					8	7	22.02	0.159
					15	0	22.07	0.161
			23095	707.5	1	0	22.81	0.191
					1	7	22.88	0.194
					1	14	**23.07**	**0.203**
					8	0	22.05	0.160
					8	3	22.00	0.158
					8	7	22.05	0.160
					15	0	22.09	0.162
			23165	714.5	1	0	22.87	0.194
					1	7	22.99	0.199
					1	14	23.01	0.200
					8	0	22.00	0.158
					8	3	22.14	0.164
					8	7	22.29	0.169
					15	0	22.15	0.164
		16QAM	23025	700.5	1	0	22.09	0.162
					1	7	22.20	0.166
					1	14	22.18	0.165
					8	0	20.91	0.123
					8	3	20.98	0.125
					8	7	20.93	0.124
					15	0	21.02	0.126
			23095	707.5	1	0	22.13	0.163
					1	7	22.12	0.163
					1	14	**22.33**	**0.171**
					8	0	20.98	0.125
					8	3	20.96	0.125
					8	7	20.98	0.125
					15	0	21.10	0.129
			23165	714.5	1	0	22.12	0.163
					1	7	22.23	0.167
					1	14	22.26	0.168
					8	0	21.03	0.127
					8	3	21.22	0.132
					8	7	21.24	0.133
					15	0	21.07	0.128

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band12	5 MHz	QPSK	23035	701.5	1	0	22.86	0.193
					1	12	22.72	0.187
					1	24	22.85	0.193
					12	0	21.91	0.155
					12	6	21.90	0.155
					12	13	21.92	0.156
					25	0	21.88	0.154
			23095	707.5	1	0	22.92	0.196
					1	12	22.95	0.197
					1	24	22.94	0.197
					12	0	21.98	0.158
					12	6	21.99	0.158
					12	13	22.03	0.160
					25	0	22.03	0.160
			23155	713.5	1	0	22.94	0.197
					1	12	23.01	0.200
					1	24	**23.06**	**0.202**
					12	0	22.19	0.166
					12	6	22.16	0.164
					12	13	22.22	0.167
					25	0	22.20	0.166
		16QAM	23035	701.5	1	0	22.09	0.162
					1	12	22.07	0.161
					1	24	22.10	0.162
					12	0	20.95	0.124
					12	6	20.99	0.126
					12	13	20.97	0.125
					25	0	20.91	0.123
			23095	707.5	1	0	22.24	0.167
					1	12	22.31	0.170
					1	24	22.19	0.166
					12	0	21.03	0.127
					12	6	21.04	0.127
					12	13	21.03	0.127
					25	0	20.96	0.125
			23155	713.5	1	0	22.32	0.171
					1	12	**22.36**	**0.172**
					1	24	22.35	0.172
					12	0	21.26	0.134
					12	6	21.19	0.132
					12	11	21.24	0.133
					25	0	21.16	0.131

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band12	10 MHz	QPSK	23060	704.0	1	0	22.84	0.192
					1	24	23.07	0.203
					1	49	22.93	0.196
					25	0	22.93	0.196
					25	12	23.01	0.200
					25	25	23.00	0.200
					50	0	21.99	0.158
			23095	707.5	1	0	22.89	0.195
					1	24	22.93	0.196
					1	49	22.85	0.193
					25	0	22.95	0.197
					25	12	22.93	0.196
					25	25	23.01	0.200
					50	0	21.92	0.156
			23130	711.0	1	0	22.96	0.198
					1	24	23.03	0.201
					1	49	**23.12**	**0.205**
					25	0	22.96	0.198
					25	12	23.06	0.202
					25	25	23.04	0.201
					50	0	22.07	0.161
		16QAM	23060	704.0	1	0	22.13	0.163
					1	24	22.19	0.166
					1	49	22.05	0.160
					25	0	22.05	0.160
					25	12	**22.28**	**0.169**
					25	25	22.14	0.164
					50	0	21.09	0.129
			23095	707.5	1	0	22.20	0.166
					1	24	22.22	0.167
					1	49	22.10	0.162
					25	0	22.04	0.160
					25	12	22.12	0.163
					25	25	22.14	0.164
					50	0	20.93	0.124
			23130	711.0	1	0	22.18	0.165
					1	24	22.24	0.167
					1	49	22.12	0.163
					25	0	22.14	0.164
					25	12	22.26	0.168
					25	25	22.21	0.166
					50	0	21.10	0.129

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band14	5MHz	QPSK	23305	790.5	1	0	22.86	0.193
					1	12	22.92	0.196
					1	24	**22.99**	**0.199**
					12	0	22.11	0.163
					12	6	22.07	0.161
					12	13	22.10	0.162
					25	0	22.18	0.165
			23330	793.0	1	0	22.95	0.197
					1	12	22.88	0.194
					1	24	22.87	0.194
					12	0	22.09	0.162
					12	6	22.02	0.159
					12	13	21.98	0.158
					25	0	22.02	0.159
			23355	795.5	1	0	22.93	0.196
					1	12	22.96	0.198
					1	24	22.94	0.197
					12	0	22.11	0.163
					12	6	22.19	0.166
					12	13	22.11	0.163
					25	0	22.05	0.160
		16QAM	23305	790.5	1	0	22.33	0.171
					1	12	22.22	0.167
					1	24	22.27	0.169
					12	0	21.18	0.131
					12	6	21.14	0.130
					12	13	21.16	0.131
					25	0	21.17	0.131
			23330	793.0	1	0	22.27	0.169
					1	12	22.17	0.165
					1	24	22.11	0.163
					12	0	21.16	0.131
					12	6	21.09	0.129
					12	13	20.97	0.125
					25	0	21.00	0.126
			23355	795.5	1	0	**22.35**	**0.172**
					1	12	22.24	0.167
					1	24	22.16	0.164
					12	0	21.11	0.129
					12	6	21.22	0.132
					12	11	21.12	0.129
					25	0	21.07	0.128

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band14	10MHz	QPSK	23330	793	1	0	**23.01**	**0.200**
					1	24	22.92	0.196
					1	49	22.79	0.190
					25	0	21.99	0.158
					25	12	22.06	0.161
					25	25	21.96	0.157
					50	0	22.05	0.160
		16QAM	23330	793	1	0	**22.24**	**0.167**
					1	24	22.15	0.164
					1	49	22.03	0.160
					25	0	20.99	0.126
					25	12	21.02	0.126
					25	25	20.88	0.122
					50	0	21.04	0.127

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band30	5 MHz	QPSK	27685	2307.5	1	0	**23.38**	**0.218**
					1	12	23.32	0.215
					1	24	23.20	0.209
					12	0	22.27	0.169
					12	6	22.30	0.170
					12	13	22.19	0.166
					25	0	22.31	0.170
			27710	2310.0	1	0	23.36	0.217
					1	12	23.25	0.211
					1	24	23.24	0.211
					12	0	22.29	0.169
					12	6	22.29	0.169
					12	13	22.23	0.167
					25	0	22.28	0.169
			27735	2312.5	1	0	23.29	0.213
					1	12	23.26	0.212
					1	24	23.29	0.213
					12	0	22.30	0.170
					12	6	22.27	0.169
					12	13	22.24	0.167
					25	0	22.36	0.172
		16QAM	27685	2307.5	1	0	**22.67**	**0.185**
					1	12	22.60	0.182
					1	24	22.55	0.180
					12	0	21.36	0.137
					12	6	21.39	0.138
					12	13	21.26	0.134
					25	0	21.30	0.135
			27710	2310.0	1	0	22.56	0.180
					1	12	22.54	0.179
					1	24	22.53	0.179
					12	0	21.35	0.136
					12	6	21.36	0.137
					12	13	21.29	0.135
					25	0	21.27	0.134
			27735	2312.5	1	0	22.62	0.183
					1	12	22.55	0.180
					1	24	22.58	0.181
					12	0	21.38	0.137
					12	6	21.32	0.136
					12	11	21.28	0.134
					25	0	21.34	0.136

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band30	10 MHz	QPSK	27710	2310.0	1	0	**23.59**	**0.229**
					1	24	23.21	0.209
					1	49	23.34	0.216
					25	0	22.47	0.177
					25	12	22.35	0.172
					25	25	22.35	0.172
					50	0	22.35	0.172
		16QAM			1	0	**22.80**	**0.191**
					1	24	22.46	0.176
					1	49	22.57	0.181
					25	0	21.44	0.139
					25	12	21.28	0.134
					25	25	21.28	0.134
					50	0	21.32	0.136

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band66	1.4 MHz	QPSK	131979	1710.7	1	0	**23.18**	**0.208**
					1	2	23.08	0.203
					1	5	22.93	0.196
					3	0	22.28	0.169
					3	1	22.29	0.169
					3	3	22.28	0.169
					6	0	22.24	0.167
			132197	1732.5	1	0	23.08	0.203
					1	2	23.06	0.202
					1	5	22.90	0.195
					3	0	22.14	0.164
					3	1	22.12	0.163
					3	3	22.09	0.162
					6	0	22.07	0.161
			132415	1754.3	1	0	23.15	0.207
					1	2	23.09	0.204
					1	5	22.99	0.199
					3	0	22.29	0.169
					3	1	22.26	0.168
					3	3	22.26	0.168
					6	0	22.09	0.162
		16QAM	131979	1710.7	1	0	22.41	0.174
					1	2	22.44	0.175
					1	5	22.27	0.169
					3	0	21.42	0.139
					3	1	21.36	0.137
					3	3	21.33	0.136
					6	0	21.20	0.132
			132197	1732.5	1	0	22.28	0.169
					1	2	22.22	0.167
					1	5	22.23	0.167
					3	0	21.22	0.132
					3	1	21.14	0.130
					3	3	21.24	0.133
					6	0	21.07	0.128
			132415	1754.3	1	0	**22.47**	**0.177**
					1	2	22.47	0.177
					1	5	22.25	0.168
					3	0	21.32	0.136
					3	1	21.29	0.135
					3	3	21.17	0.131
					6	0	21.08	0.128

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band66	3 MHz	QPSK	131987	1711.5	1	0	**23.24**	**0.211**
					1	7	23.13	0.206
					1	14	23.02	0.200
					8	0	23.12	0.205
					8	3	23.11	0.205
					8	7	23.09	0.204
					15	0	22.19	0.166
			132197	1732.5	1	0	22.85	0.193
					1	7	22.89	0.195
					1	14	22.94	0.197
					8	0	23.09	0.204
					8	3	23.09	0.204
					8	7	22.97	0.198
					15	0	22.10	0.162
			132407	1753.5	1	0	23.09	0.204
					1	7	23.15	0.207
					1	14	22.96	0.198
					8	0	23.09	0.204
					8	3	23.15	0.207
					8	7	23.06	0.202
					15	0	22.12	0.163
		16QAM	131987	1711.5	1	0	22.29	0.169
					1	7	22.40	0.174
					1	14	22.28	0.169
					8	0	22.32	0.171
					8	3	22.38	0.173
					8	7	22.22	0.167
					15	0	21.29	0.135
			132197	1732.5	1	0	22.22	0.167
					1	7	22.33	0.171
					1	14	22.12	0.163
					8	0	22.16	0.164
					8	3	22.31	0.170
					8	7	22.03	0.160
					15	0	21.17	0.131
			132407	1753.5	1	0	**22.52**	**0.179**
					1	7	22.44	0.175
					1	14	22.37	0.173
					8	0	22.17	0.165
					8	3	22.23	0.167
					8	7	22.24	0.167
					15	0	21.35	0.136

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band66	5 MHz	QPSK	131997	1712.5	1	0	**23.27**	**0.212**
					1	12	22.99	0.199
					1	24	23.06	0.202
					12	0	22.19	0.166
					12	6	22.20	0.166
					12	13	22.14	0.164
					25	0	22.11	0.163
			132197	1732.5	1	0	23.11	0.205
					1	12	23.05	0.202
					1	24	23.05	0.202
					12	0	22.14	0.164
					12	6	22.05	0.160
					12	13	22.18	0.165
					25	0	22.13	0.163
			132397	1752.5	1	0	23.23	0.210
					1	12	23.12	0.205
					1	24	23.01	0.200
					12	0	22.24	0.167
					12	6	22.36	0.172
					12	13	22.19	0.166
					25	0	22.37	0.173
		16QAM	131997	1712.5	1	0	**22.55**	**0.180**
					1	12	22.29	0.169
					1	24	22.33	0.171
					12	0	21.26	0.134
					12	6	21.21	0.132
					12	13	21.19	0.132
					25	0	21.14	0.130
			132197	1732.5	1	0	22.46	0.176
					1	12	22.27	0.169
					1	24	22.28	0.169
					12	0	21.12	0.129
					12	6	21.21	0.132
					12	13	21.19	0.132
					25	0	21.19	0.132
			132397	1752.5	1	0	22.51	0.178
					1	12	22.50	0.178
					1	24	22.30	0.170
					12	0	21.32	0.136
					12	6	21.33	0.136
					12	11	21.19	0.132
					25	0	21.25	0.133

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band66	10 MHz	QPSK	132022	1715.0	1	0	23.42	0.220
					1	24	23.12	0.205
					1	49	23.48	0.223
					25	0	22.46	0.176
					25	12	22.21	0.166
					25	25	22.32	0.171
					50	0	22.44	0.175
			132197	1732.5	1	0	23.32	0.215
					1	24	23.19	0.208
					1	49	23.42	0.220
					25	0	22.35	0.172
					25	12	22.36	0.172
					25	25	22.28	0.169
					50	0	22.39	0.173
			132372	1750.0	1	0	**23.53**	**0.225**
					1	24	23.08	0.203
					1	49	23.46	0.222
					25	0	22.42	0.175
					25	12	22.19	0.166
					25	25	22.19	0.166
					50	0	22.41	0.174
		16QAM	132022	1715.0	1	0	22.71	0.187
					1	24	22.49	0.177
					1	49	22.61	0.182
					25	0	21.27	0.134
					25	12	21.24	0.133
					25	25	21.30	0.135
					50	0	21.37	0.137
			132197	1732.5	1	0	22.71	0.187
					1	24	22.48	0.177
					1	49	22.63	0.183
					25	0	21.53	0.142
					25	12	21.29	0.135
					25	25	21.23	0.133
					50	0	21.33	0.136
			132372	1750.0	1	0	**22.77**	**0.189**
					1	24	22.31	0.170
					1	49	22.66	0.185
					25	0	21.38	0.137
					25	12	21.19	0.132
					25	25	21.09	0.129
					50	0	21.33	0.136

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band66	15 MHz	QPSK	132047	1717.5	1	0	**23.46**	**0.222**
					1	37	23.34	0.216
					1	74	23.24	0.211
					36	0	22.41	0.174
					36	19	22.31	0.170
					36	39	22.18	0.165
					75	0	22.41	0.174
			132197	1732.5	1	0	23.31	0.214
					1	37	23.35	0.216
					1	74	23.29	0.213
					36	0	22.44	0.175
					36	19	22.27	0.169
					36	39	22.28	0.169
					75	0	22.42	0.175
			132347	1747.5	1	0	23.37	0.217
					1	37	23.45	0.221
					1	74	23.33	0.215
					36	0	22.59	0.182
					36	19	22.42	0.175
					36	39	22.40	0.174
					75	0	22.41	0.174
		16QAM	132047	1717.5	1	0	**22.75**	**0.188**
					1	37	22.39	0.173
					1	74	22.40	0.174
					36	0	21.27	0.134
					36	19	21.31	0.135
					36	39	21.15	0.130
					75	0	21.31	0.135
			132197	1732.5	1	0	22.74	0.188
					1	37	22.46	0.176
					1	74	22.39	0.173
					36	0	21.43	0.139
					36	19	21.29	0.135
					36	39	21.26	0.134
					75	0	21.42	0.139
			132347	1747.5	1	0	22.71	0.187
					1	37	22.49	0.177
					1	74	22.59	0.182
					36	0	21.58	0.144
					36	19	21.38	0.137
					36	39	21.24	0.133
					75	0	21.41	0.138

Band	Channel Bandwidth	Modulation	Channel	Frequency (MHz)	RB Configuration		Average Power	
					Size	Offset	(dBm)	(W)
LTE Band66	20 MHz	QPSK	132072	1720.0	1	0	**23.57**	**0.228**
					1	49	23.14	0.206
					1	99	23.11	0.205
					50	0	22.30	0.170
					50	25	22.29	0.169
					50	50	22.11	0.163
					100	0	22.13	0.163
			132197	1732.5	1	0	23.52	0.225
					1	49	22.92	0.196
					1	99	23.10	0.204
					50	0	22.35	0.172
					50	25	22.07	0.161
					50	50	22.07	0.161
					100	0	22.15	0.164
			132322	1745.0	1	0	23.48	0.223
					1	49	23.21	0.209
					1	99	23.32	0.215
					50	0	22.55	0.180
					50	25	22.38	0.173
					50	50	22.43	0.175
					100	0	22.44	0.175
		16QAM	132072	1720.0	1	0	22.82	0.191
					1	49	22.32	0.171
					1	99	22.33	0.171
					50	0	21.32	0.136
					50	25	21.31	0.135
					50	50	21.1	0.129
					100	0	21.16	0.131
			132197	1732.5	1	0	**22.85**	**0.193**
					1	49	22.26	0.168
					1	99	22.45	0.176
					50	0	21.28	0.134
					50	25	21.2	0.132
					50	50	21.11	0.129
					100	0	21.11	0.129
			132322	1745.0	1	0	22.77	0.189
					1	49	22.56	0.180
					1	99	22.54	0.179
					50	0	21.48	0.141
					50	25	21.45	0.140
					50	50	21.42	0.139
					100	0	21.32	0.136

Carrier Aggregation Power Measurements：

1. For downlink only carrier aggregation configurations, RX usually will not affect the TX function.

The single band power is already worst-case.

2CA Band 2A+2A_DL CA

Test Parameters							UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	Wgap [MHz]	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band2A	Band2A	50	5M	5M	18625	19175	QPSK	1	0	QPSK	25	25	23.26	Pass
					18625	19175	QPSK	1	12	QPSK	25	25	22.98	Pass
					18625	19175	QPSK	1	24	QPSK	25	25	23.12	Pass
					18625	19175	QPSK	12	0	QPSK	25	25	22.29	Pass
					18625	19175	QPSK	12	6	QPSK	25	25	22.22	Pass
					18625	19175	QPSK	12	13	QPSK	25	25	22.15	Pass
					18625	19175	QPSK	25	0	QPSK	25	25	22.17	Pass
Band2A	Band2A	45	5M	10M	18625	19150	QPSK	1	0	QPSK	25	50	23.35	Pass
					18625	19150	QPSK	1	12	QPSK	25	50	23.02	Pass
					18625	19150	QPSK	1	24	QPSK	25	50	23.11	Pass
					18625	19150	QPSK	12	0	QPSK	25	50	22.16	Pass
					18625	19150	QPSK	12	6	QPSK	25	50	22.16	Pass
					18625	19150	QPSK	12	13	QPSK	25	50	22.23	Pass
					18625	19150	QPSK	25	0	QPSK	25	50	22.18	Pass
Band2A	Band2A	45	10M	5M	18650	19175	QPSK	1	0	QPSK	50	25	23.53	Pass
					18650	19175	QPSK	1	24	QPSK	50	25	23.12	Pass
					18650	19175	QPSK	1	49	QPSK	50	25	23.16	Pass
					18650	19175	QPSK	25	0	QPSK	50	25	22.34	Pass
					18650	19175	QPSK	25	12	QPSK	50	25	22.22	Pass
					18650	19175	QPSK	25	25	QPSK	50	25	22.19	Pass
					18650	19175	QPSK	50	0	QPSK	50	25	22.25	Pass
Band2A	Band2A	40	5M	15M	18625	19125	QPSK	1	0	QPSK	25	75	23.22	Pass
					18625	19125	QPSK	1	12	QPSK	25	75	23.08	Pass
					18625	19125	QPSK	1	24	QPSK	25	75	23.08	Pass
					18625	19125	QPSK	12	0	QPSK	25	75	22.16	Pass
					18625	19125	QPSK	12	6	QPSK	25	75	22.26	Pass
					18625	19125	QPSK	12	13	QPSK	25	75	22.11	Pass
					18625	19125	QPSK	25	0	QPSK	25	75	22.22	Pass

Test Parameters							UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	Wgap [MHz]	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band2A	Band2A	40	15M	5M	18675	19175	QPSK	1	0	QPSK	75	25	23.08	Pass
					18675	19175	QPSK	1	37	QPSK	75	25	23.17	Pass
					18675	19175	QPSK	1	74	QPSK	75	25	23.3	Pass
					18675	19175	QPSK	36	0	QPSK	75	25	22.36	Pass
					18675	19175	QPSK	36	19	QPSK	75	25	22.17	Pass
					18675	19175	QPSK	36	39	QPSK	75	25	22.23	Pass
					18675	19175	QPSK	75	0	QPSK	75	25	22.34	Pass
Band2A	Band2A	40	10M	10M	18650	19150	QPSK	1	0	QPSK	50	50	23.38	Pass
					18650	19150	QPSK	1	24	QPSK	50	50	23.04	Pass
					18650	19150	QPSK	1	49	QPSK	50	50	23.07	Pass
					18650	19150	QPSK	25	0	QPSK	50	50	22.24	Pass
					18650	19150	QPSK	25	12	QPSK	50	50	22.21	Pass
					18650	19150	QPSK	25	25	QPSK	50	50	22.16	Pass
					18650	19150	QPSK	50	0	QPSK	50	50	22.18	Pass
Band2A	Band2A	35	5M	20M	18625	19100	QPSK	1	0	QPSK	25	100	23.15	Pass
					18625	19100	QPSK	1	12	QPSK	25	100	23.03	Pass
					18625	19100	QPSK	1	24	QPSK	25	100	23.15	Pass
					18625	19100	QPSK	12	0	QPSK	25	100	22.15	Pass
					18625	19100	QPSK	12	6	QPSK	25	100	22.23	Pass
					18625	19100	QPSK	12	13	QPSK	25	100	22.22	Pass
					18625	19100	QPSK	25	0	QPSK	25	100	22.19	Pass
Band2A	Band2A	35	20M	5M	18700	19175	QPSK	1	0	QPSK	100	25	23.26	Pass
					18700	19175	QPSK	1	49	QPSK	100	25	23.08	Pass
					18700	19175	QPSK	1	99	QPSK	100	25	23.19	Pass
					18700	19175	QPSK	50	0	QPSK	100	25	22.27	Pass
					18700	19175	QPSK	50	25	QPSK	100	25	22.18	Pass
					18700	19175	QPSK	50	50	QPSK	100	25	22.23	Pass
					18700	19175	QPSK	100	0	QPSK	100	25	22.27	Pass

Test Parameters							UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	Wgap [MHz]	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band2A	Band2A	35	10M	15M	18650	19125	QPSK	1	0	QPSK	50	75	23.44	Pass
					18650	19125	QPSK	1	24	QPSK	50	75	23.07	Pass
					18650	19125	QPSK	1	49	QPSK	50	75	23.13	Pass
					18650	19125	QPSK	25	0	QPSK	50	75	22.35	Pass
					18650	19125	QPSK	25	12	QPSK	50	75	22.2	Pass
					18650	19125	QPSK	25	25	QPSK	50	75	22.14	Pass
					18650	19125	QPSK	50	0	QPSK	50	75	22.31	Pass
Band2A	Band2A	35	15M	10M	18675	19150	QPSK	1	0	QPSK	75	50	23.16	Pass
					18675	19150	QPSK	1	37	QPSK	75	50	23.16	Pass
					18675	19150	QPSK	1	74	QPSK	75	50	23.22	Pass
					18675	19150	QPSK	36	0	QPSK	75	50	22.34	Pass
					18675	19150	QPSK	36	19	QPSK	75	50	22.13	Pass
					18675	19150	QPSK	36	39	QPSK	75	50	22.17	Pass
					18675	19150	QPSK	75	0	QPSK	75	50	22.31	Pass
Band2A	Band2A	30	10M	20M	18650	19100	QPSK	1	0	QPSK	50	100	23.49	Pass
					18650	19100	QPSK	1	24	QPSK	50	100	23.11	Pass
					18650	19100	QPSK	1	49	QPSK	50	100	23.11	Pass
					18650	19100	QPSK	25	0	QPSK	50	100	22.41	Pass
					18650	19100	QPSK	25	12	QPSK	50	100	22.23	Pass
					18650	19100	QPSK	25	25	QPSK	50	100	22.22	Pass
					18650	19100	QPSK	50	0	QPSK	50	100	22.22	Pass
Band2A	Band2A	30	20M	10M	18700	19150	QPSK	1	0	QPSK	100	50	23.28	Pass
					18700	19150	QPSK	1	49	QPSK	100	50	23.01	Pass
					18700	19150	QPSK	1	99	QPSK	100	50	23.19	Pass
					18700	19150	QPSK	50	0	QPSK	100	50	22.4	Pass
					18700	19150	QPSK	50	25	QPSK	100	50	22.16	Pass
					18700	19150	QPSK	50	50	QPSK	100	50	22.22	Pass
					18700	19150	QPSK	100	0	QPSK	100	50	22.31	Pass

Test Parameters							UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	Wgap [MHz]	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band2A	Band2A	30	15M	15M	18675	19125	QPSK	1	0	QPSK	75	75	23.14	Pass
					18675	19125	QPSK	1	37	QPSK	75	75	23.21	Pass
					18675	19125	QPSK	1	74	QPSK	75	75	23.22	Pass
					18675	19125	QPSK	36	0	QPSK	75	75	22.35	Pass
					18675	19125	QPSK	36	19	QPSK	75	75	22.23	Pass
					18675	19125	QPSK	36	39	QPSK	75	75	22.3	Pass
					18675	19125	QPSK	75	0	QPSK	75	75	22.19	Pass
Band2A	Band2A	25	15M	20M	18675	19100	QPSK	1	0	QPSK	75	100	23.17	Pass
					18675	19100	QPSK	1	37	QPSK	75	100	23.26	Pass
					18675	19100	QPSK	1	74	QPSK	75	100	23.11	Pass
					18675	19100	QPSK	36	0	QPSK	75	100	22.27	Pass
					18675	19100	QPSK	36	19	QPSK	75	100	22.18	Pass
					18675	19100	QPSK	36	39	QPSK	75	100	22.27	Pass
					18675	19100	QPSK	75	0	QPSK	75	100	22.2	Pass
Band2A	Band2A	25	20M	15M	18700	19125	QPSK	1	0	QPSK	100	75	23.22	Pass
					18700	19125	QPSK	1	49	QPSK	100	75	23	Pass
					18700	19125	QPSK	1	99	QPSK	100	75	23.27	Pass
					18700	19125	QPSK	50	0	QPSK	100	75	22.35	Pass
					18700	19125	QPSK	50	25	QPSK	100	75	22.12	Pass
					18700	19125	QPSK	50	50	QPSK	100	75	22.22	Pass
					18700	19125	QPSK	100	0	QPSK	100	75	22.3	Pass
Band2A	Band2A	20	20M	20M	18700	19100	QPSK	1	0	QPSK	100	100	23.34	Pass
					18700	19100	QPSK	1	49	QPSK	100	100	23.04	Pass
					18700	19100	QPSK	1	99	QPSK	100	100	23.26	Pass
					18700	19100	QPSK	50	0	QPSK	100	100	22.35	Pass
					18700	19100	QPSK	50	25	QPSK	100	100	22.14	Pass
					18700	19100	QPSK	50	50	QPSK	100	100	22.28	Pass
					18700	19100	QPSK	100	0	QPSK	100	100	22.23	Pass

2CA Band 2A+5A_DL CA

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band2A	Band5A	5M	5M	18625	20425	QPSK	1	0	QPSK	25	25	23.3	Pass
				18625	20425	QPSK	1	12	QPSK	25	25	23.08	Pass
				18625	20425	QPSK	1	24	QPSK	25	25	23.13	Pass
				18625	20425	QPSK	12	0	QPSK	25	25	22.22	Pass
				18625	20425	QPSK	12	6	QPSK	25	25	22.32	Pass
				18625	20425	QPSK	12	13	QPSK	25	25	22.18	Pass
				18625	20425	QPSK	25	0	QPSK	25	25	22.27	Pass
				18900	20525	QPSK	1	0	QPSK	25	25	23.23	Pass
				18900	20525	QPSK	1	12	QPSK	25	25	23.21	Pass
				18900	20525	QPSK	1	24	QPSK	25	25	23.15	Pass
				18900	20525	QPSK	12	0	QPSK	25	25	22.36	Pass
				18900	20525	QPSK	12	6	QPSK	25	25	22.32	Pass
				18900	20525	QPSK	12	13	QPSK	25	25	22.24	Pass
				18900	20525	QPSK	25	0	QPSK	25	25	22.23	Pass
				19175	20625	QPSK	1	0	QPSK	25	25	23.09	Pass
				19175	20625	QPSK	1	12	QPSK	25	25	23.06	Pass
				19175	20625	QPSK	1	24	QPSK	25	25	23.05	Pass
				19175	20625	QPSK	12	0	QPSK	25	25	22.34	Pass
				19175	20625	QPSK	12	6	QPSK	25	25	22.26	Pass
				19175	20625	QPSK	12	13	QPSK	25	25	22.18	Pass
				19175	20625	QPSK	25	0	QPSK	25	25	22.28	Pass

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band2A	Band5A	10M	10M	18650	20450	QPSK	1	0	QPSK	50	50	23.48	Pass
				18650	20450	QPSK	1	24	QPSK	50	50	23.05	Pass
				18650	20450	QPSK	1	49	QPSK	50	50	23.18	Pass
				18650	20450	QPSK	25	0	QPSK	50	50	22.45	Pass
				18650	20450	QPSK	25	12	QPSK	50	50	22.28	Pass
				18650	20450	QPSK	25	25	QPSK	50	50	22.2	Pass
				18650	20450	QPSK	50	0	QPSK	50	50	22.35	Pass
				18900	20525	QPSK	1	0	QPSK	50	50	23.47	Pass
				18900	20525	QPSK	1	24	QPSK	50	50	23.24	Pass
				18900	20525	QPSK	1	49	QPSK	50	50	23.22	Pass
				18900	20525	QPSK	25	0	QPSK	50	50	22.54	Pass
				18900	20525	QPSK	25	12	QPSK	50	50	22.37	Pass
				18900	20525	QPSK	25	25	QPSK	50	50	22.37	Pass
				18900	20525	QPSK	50	0	QPSK	50	50	22.4	Pass
				19150	20600	QPSK	1	0	QPSK	50	50	23.51	Pass
				19150	20600	QPSK	1	24	QPSK	50	50	23.05	Pass
				19150	20600	QPSK	1	49	QPSK	50	50	23.24	Pass
				19150	20600	QPSK	25	0	QPSK	50	50	22.46	Pass
				19150	20600	QPSK	25	12	QPSK	50	50	22.39	Pass
				19150	20600	QPSK	25	25	QPSK	50	50	22.32	Pass
				19150	20600	QPSK	50	0	QPSK	50	50	22.32	Pass

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band2A	Band5A	15M	5M	18675	20425	QPSK	1	0	QPSK	75	25	23.25	Pass
				18675	20425	QPSK	1	37	QPSK	75	25	23.21	Pass
				18675	20425	QPSK	1	74	QPSK	75	25	23.28	Pass
				18675	20425	QPSK	36	0	QPSK	75	25	22.31	Pass
				18675	20425	QPSK	36	19	QPSK	75	25	22.21	Pass
				18675	20425	QPSK	36	39	QPSK	75	25	22.19	Pass
				18675	20425	QPSK	75	0	QPSK	75	25	22.26	Pass
				18900	20525	QPSK	1	0	QPSK	75	25	23.38	Pass
				18900	20525	QPSK	1	37	QPSK	75	25	23.4	Pass
				18900	20525	QPSK	1	74	QPSK	75	25	23.32	Pass
				18900	20525	QPSK	36	0	QPSK	75	25	22.27	Pass
				18900	20525	QPSK	36	19	QPSK	75	25	22.26	Pass
				18900	20525	QPSK	36	39	QPSK	75	25	22.39	Pass
				18900	20525	QPSK	75	0	QPSK	75	25	22.41	Pass
				19125	20625	QPSK	1	0	QPSK	75	25	23.31	Pass
				19125	20625	QPSK	1	37	QPSK	75	25	23.39	Pass
				19125	20625	QPSK	1	74	QPSK	75	25	23.42	Pass
				19125	20625	QPSK	36	0	QPSK	75	25	22.39	Pass
				19125	20625	QPSK	36	19	QPSK	75	25	22.37	Pass
				19125	20625	QPSK	36	39	QPSK	75	25	22.46	Pass
				19125	20625	QPSK	75	0	QPSK	75	25	22.36	Pass

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band2A	Band5A	15M	10M	18675	20450	QPSK	1	0	QPSK	75	50	23.26	Pass
				18675	20450	QPSK	1	37	QPSK	75	50	23.2	Pass
				18675	20450	QPSK	1	74	QPSK	75	50	23.25	Pass
				18675	20450	QPSK	36	0	QPSK	75	50	22.33	Pass
				18675	20450	QPSK	36	19	QPSK	75	50	22.19	Pass
				18675	20450	QPSK	36	39	QPSK	75	50	22.2	Pass
				18675	20450	QPSK	75	0	QPSK	75	50	22.32	Pass
				18900	20525	QPSK	1	0	QPSK	75	50	23.38	Pass
				18900	20525	QPSK	1	37	QPSK	75	50	23.33	Pass
				18900	20525	QPSK	1	74	QPSK	75	50	23.34	Pass
				18900	20525	QPSK	36	0	QPSK	75	50	22.34	Pass
				18900	20525	QPSK	36	19	QPSK	75	50	22.32	Pass
				18900	20525	QPSK	36	39	QPSK	75	50	22.39	Pass
				18900	20525	QPSK	75	0	QPSK	75	50	22.37	Pass
				19125	20600	QPSK	1	0	QPSK	75	50	23.32	Pass
				19125	20600	QPSK	1	37	QPSK	75	50	23.44	Pass
				19125	20600	QPSK	1	74	QPSK	75	50	23.37	Pass
				19125	20600	QPSK	36	0	QPSK	75	50	22.45	Pass
				19125	20600	QPSK	36	19	QPSK	75	50	22.36	Pass
				19125	20600	QPSK	36	39	QPSK	75	50	22.45	Pass
				19125	20600	QPSK	75	0	QPSK	75	50	22.36	Pass

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band2A	Band5A	20M	5M	18700	20425	QPSK	1	0	QPSK	100	25	23.39	Pass
				18700	20425	QPSK	1	49	QPSK	100	25	23.07	Pass
				18700	20425	QPSK	1	99	QPSK	100	25	23.31	Pass
				18700	20425	QPSK	50	0	QPSK	100	25	22.34	Pass
				18700	20425	QPSK	50	25	QPSK	100	25	22.22	Pass
				18700	20425	QPSK	50	50	QPSK	100	25	22.21	Pass
				18700	20425	QPSK	100	0	QPSK	100	25	22.33	Pass
				18900	20525	QPSK	1	0	QPSK	100	25	23.39	Pass
				18900	20525	QPSK	1	49	QPSK	100	25	23.1	Pass
				18900	20525	QPSK	1	99	QPSK	100	25	23.65	Pass
				18900	20525	QPSK	50	0	QPSK	100	25	22.41	Pass
				18900	20525	QPSK	50	25	QPSK	100	25	22.28	Pass
				18900	20525	QPSK	50	50	QPSK	100	25	22.38	Pass
				18900	20525	QPSK	100	0	QPSK	100	25	22.34	Pass
				19100	20625	QPSK	1	0	QPSK	100	25	23.31	Pass
				19100	20625	QPSK	1	49	QPSK	100	25	23.13	Pass
				19100	20625	QPSK	1	99	QPSK	100	25	23.54	Pass
				19100	20625	QPSK	50	0	QPSK	100	25	22.4	Pass
				19100	20625	QPSK	50	25	QPSK	100	25	22.33	Pass
				19100	20625	QPSK	50	50	QPSK	100	25	22.37	Pass
				19100	20625	QPSK	100	0	QPSK	100	25	22.45	Pass

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band2A	Band5A	20M	10M	18700	20450	QPSK	1	0	QPSK	100	50	23.31	Pass
				18700	20450	QPSK	1	49	QPSK	100	50	23.1	Pass
				18700	20450	QPSK	1	99	QPSK	100	50	23.29	Pass
				18700	20450	QPSK	50	0	QPSK	100	50	22.31	Pass
				18700	20450	QPSK	50	25	QPSK	100	50	22.28	Pass
				18700	20450	QPSK	50	50	QPSK	100	50	22.26	Pass
				18700	20450	QPSK	100	0	QPSK	100	50	22.36	Pass
				18900	20525	QPSK	1	0	QPSK	100	50	23.37	Pass
				18900	20525	QPSK	1	49	QPSK	100	50	23.08	Pass
				18900	20525	QPSK	1	99	QPSK	100	50	23.6	Pass
				18900	20525	QPSK	50	0	QPSK	100	50	22.43	Pass
				18900	20525	QPSK	50	25	QPSK	100	50	22.31	Pass
				18900	20525	QPSK	50	50	QPSK	100	50	22.34	Pass
				18900	20525	QPSK	100	0	QPSK	100	50	22.35	Pass
				19100	20600	QPSK	1	0	QPSK	100	50	23.34	Pass
				19100	20600	QPSK	1	49	QPSK	100	50	23.11	Pass
				19100	20600	QPSK	1	99	QPSK	100	50	23.52	Pass
				19100	20600	QPSK	50	0	QPSK	100	50	22.43	Pass
				19100	20600	QPSK	50	25	QPSK	100	50	22.28	Pass
				19100	20600	QPSK	50	50	QPSK	100	50	22.36	Pass
				19100	20600	QPSK	100	0	QPSK	100	50	22.46	Pass

2CA Band 2A+12A_DL CA

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band2A	Band12A	5M	5M	18625	23035	QPSK	1	0	QPSK	25	25	23.24	Pass
				18625	23035	QPSK	1	12	QPSK	25	25	23	Pass
				18625	23035	QPSK	1	24	QPSK	25	25	23.05	Pass
				18625	23035	QPSK	12	0	QPSK	25	25	22.14	Pass
				18625	23035	QPSK	12	6	QPSK	25	25	22.24	Pass
				18625	23035	QPSK	12	13	QPSK	25	25	22.14	Pass
				18625	23035	QPSK	25	0	QPSK	25	25	22.19	Pass
				18900	23095	QPSK	1	0	QPSK	25	25	23.15	Pass
				18900	23095	QPSK	1	12	QPSK	25	25	23.16	Pass
				18900	23095	QPSK	1	24	QPSK	25	25	23.09	Pass
				18900	23095	QPSK	12	0	QPSK	25	25	22.33	Pass
				18900	23095	QPSK	12	6	QPSK	25	25	22.24	Pass
				18900	23095	QPSK	12	13	QPSK	25	25	22.24	Pass
				18900	23095	QPSK	25	0	QPSK	25	25	22.19	Pass
				19175	23155	QPSK	1	0	QPSK	25	25	23.01	Pass
				19175	23155	QPSK	1	12	QPSK	25	25	23.06	Pass
				19175	23155	QPSK	1	24	QPSK	25	25	22.97	Pass
				19175	23155	QPSK	12	0	QPSK	25	25	22.26	Pass
				19175	23155	QPSK	12	6	QPSK	25	25	22.26	Pass
				19175	23155	QPSK	12	13	QPSK	25	25	22.18	Pass
				19175	23155	QPSK	25	0	QPSK	25	25	22.24	Pass

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band2A	Band12A	10M	10M	18650	23060	QPSK	1	0	QPSK	50	50	23.45	Pass
				18650	23060	QPSK	1	24	QPSK	50	50	22.99	Pass
				18650	23060	QPSK	1	49	QPSK	50	50	23.18	Pass
				18650	23060	QPSK	25	0	QPSK	50	50	22.4	Pass
				18650	23060	QPSK	25	12	QPSK	50	50	22.25	Pass
				18650	23060	QPSK	25	25	QPSK	50	50	22.19	Pass
				18650	23060	QPSK	50	0	QPSK	50	50	22.35	Pass
				18900	23095	QPSK	1	0	QPSK	50	50	23.42	Pass
				18900	23095	QPSK	1	24	QPSK	50	50	23.23	Pass
				18900	23095	QPSK	1	49	QPSK	50	50	23.21	Pass
				18900	23095	QPSK	25	0	QPSK	50	50	22.48	Pass
				18900	23095	QPSK	25	12	QPSK	50	50	22.27	Pass
				18900	23095	QPSK	25	25	QPSK	50	50	22.33	Pass
				18900	23095	QPSK	50	0	QPSK	50	50	22.32	Pass
				19150	23130	QPSK	1	0	QPSK	50	50	23.41	Pass
				19150	23130	QPSK	1	24	QPSK	50	50	23.02	Pass
				19150	23130	QPSK	1	49	QPSK	50	50	23.24	Pass
				19150	23130	QPSK	25	0	QPSK	50	50	22.41	Pass
				19150	23130	QPSK	25	12	QPSK	50	50	22.34	Pass
				19150	23130	QPSK	25	25	QPSK	50	50	22.22	Pass
				19150	23130	QPSK	50	0	QPSK	50	50	22.31	Pass

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band2A	Band12A	15M	5M	18675	23035	QPSK	1	0	QPSK	75	25	23.19	Pass
				18675	23035	QPSK	1	37	QPSK	75	25	23.2	Pass
				18675	23035	QPSK	1	74	QPSK	75	25	23.24	Pass
				18675	23035	QPSK	36	0	QPSK	75	25	22.22	Pass
				18675	23035	QPSK	36	19	QPSK	75	25	22.13	Pass
				18675	23035	QPSK	36	39	QPSK	75	25	22.15	Pass
				18675	23035	QPSK	75	0	QPSK	75	25	22.2	Pass
				18900	23095	QPSK	1	0	QPSK	75	25	23.3	Pass
				18900	23095	QPSK	1	37	QPSK	75	25	23.4	Pass
				18900	23095	QPSK	1	74	QPSK	75	25	23.25	Pass
				18900	23095	QPSK	36	0	QPSK	75	25	22.21	Pass
				18900	23095	QPSK	36	19	QPSK	75	25	22.18	Pass
				18900	23095	QPSK	36	39	QPSK	75	25	22.31	Pass
				18900	23095	QPSK	75	0	QPSK	75	25	22.36	Pass
				19125	23155	QPSK	1	0	QPSK	75	25	23.25	Pass
				19125	23155	QPSK	1	37	QPSK	75	25	23.35	Pass
				19125	23155	QPSK	1	74	QPSK	75	25	23.34	Pass
				19125	23155	QPSK	36	0	QPSK	75	25	22.35	Pass
				19125	23155	QPSK	36	19	QPSK	75	25	22.3	Pass
				19125	23155	QPSK	36	39	QPSK	75	25	22.42	Pass
				19125	23155	QPSK	75	0	QPSK	75	25	22.31	Pass

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band2A	Band12A	15M	10M	18675	23060	QPSK	1	0	QPSK	75	50	23.23	Pass
				18675	23060	QPSK	1	37	QPSK	75	50	23.12	Pass
				18675	23060	QPSK	1	74	QPSK	75	50	23.23	Pass
				18675	23060	QPSK	36	0	QPSK	75	50	22.32	Pass
				18675	23060	QPSK	36	19	QPSK	75	50	22.11	Pass
				18675	23060	QPSK	36	39	QPSK	75	50	22.15	Pass
				18675	23060	QPSK	75	0	QPSK	75	50	22.25	Pass
				18900	23095	QPSK	1	0	QPSK	75	50	23.34	Pass
				18900	23095	QPSK	1	37	QPSK	75	50	23.28	Pass
				18900	23095	QPSK	1	74	QPSK	75	50	23.32	Pass
				18900	23095	QPSK	36	0	QPSK	75	50	22.3	Pass
				18900	23095	QPSK	36	19	QPSK	75	50	22.31	Pass
				18900	23095	QPSK	36	39	QPSK	75	50	22.3	Pass
				18900	23095	QPSK	75	0	QPSK	75	50	22.33	Pass
				19125	23130	QPSK	1	0	QPSK	75	50	23.26	Pass
				19125	23130	QPSK	1	37	QPSK	75	50	23.41	Pass
				19125	23130	QPSK	1	74	QPSK	75	50	23.32	Pass
				19125	23130	QPSK	36	0	QPSK	75	50	22.41	Pass
				19125	23130	QPSK	36	19	QPSK	75	50	22.31	Pass
				19125	23130	QPSK	36	39	QPSK	75	50	22.39	Pass
				19125	23130	QPSK	75	0	QPSK	75	50	22.34	Pass

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band2A	Band12A	20M	5M	18700	23035	QPSK	1	0	QPSK	100	25	23.38	Pass
				18700	23035	QPSK	1	49	QPSK	100	25	23.03	Pass
				18700	23035	QPSK	1	99	QPSK	100	25	23.23	Pass
				18700	23035	QPSK	50	0	QPSK	100	25	22.27	Pass
				18700	23035	QPSK	50	25	QPSK	100	25	22.13	Pass
				18700	23035	QPSK	50	50	QPSK	100	25	22.14	Pass
				18700	23035	QPSK	100	0	QPSK	100	25	22.24	Pass
				18900	23095	QPSK	1	0	QPSK	100	25	23.34	Pass
				18900	23095	QPSK	1	49	QPSK	100	25	23.04	Pass
				18900	23095	QPSK	1	99	QPSK	100	25	23.6	Pass
				18900	23095	QPSK	50	0	QPSK	100	25	22.36	Pass
				18900	23095	QPSK	50	25	QPSK	100	25	22.25	Pass
				18900	23095	QPSK	50	50	QPSK	100	25	22.3	Pass
				18900	23095	QPSK	100	0	QPSK	100	25	22.26	Pass
				19100	23155	QPSK	1	0	QPSK	100	25	23.29	Pass
				19100	23155	QPSK	1	49	QPSK	100	25	23.09	Pass
				19100	23155	QPSK	1	99	QPSK	100	25	23.51	Pass
				19100	23155	QPSK	50	0	QPSK	100	25	22.33	Pass
				19100	23155	QPSK	50	25	QPSK	100	25	22.23	Pass
				19100	23155	QPSK	50	50	QPSK	100	25	22.36	Pass
				19100	23155	QPSK	100	0	QPSK	100	25	22.44	Pass

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band2A	Band12A	20M	10M	18700	23060	QPSK	1	0	QPSK	100	50	23.23	Pass
				18700	23060	QPSK	1	49	QPSK	100	50	23.05	Pass
				18700	23060	QPSK	1	99	QPSK	100	50	23.24	Pass
				18700	23060	QPSK	50	0	QPSK	100	50	22.29	Pass
				18700	23060	QPSK	50	25	QPSK	100	50	22.24	Pass
				18700	23060	QPSK	50	50	QPSK	100	50	22.19	Pass
				18700	23060	QPSK	100	0	QPSK	100	50	22.27	Pass
				18900	23095	QPSK	1	0	QPSK	100	50	23.29	Pass
				18900	23095	QPSK	1	49	QPSK	100	50	23.01	Pass
				18900	23095	QPSK	1	99	QPSK	100	50	23.54	Pass
				18900	23095	QPSK	50	0	QPSK	100	50	22.42	Pass
				18900	23095	QPSK	50	25	QPSK	100	50	22.26	Pass
				18900	23095	QPSK	50	50	QPSK	100	50	22.32	Pass
				18900	23095	QPSK	100	0	QPSK	100	50	22.32	Pass
				19100	23130	QPSK	1	0	QPSK	100	50	23.26	Pass
				19100	23130	QPSK	1	49	QPSK	100	50	23.1	Pass
				19100	23130	QPSK	1	99	QPSK	100	50	23.45	Pass
				19100	23130	QPSK	50	0	QPSK	100	50	22.39	Pass
				19100	23130	QPSK	50	25	QPSK	100	50	22.21	Pass
				19100	23130	QPSK	50	50	QPSK	100	50	22.27	Pass
				19100	23130	QPSK	100	0	QPSK	100	50	22.4	Pass

2CA Band 2A+29A_DL CA

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band2A	Band29A	5M	5M	18625	9685	QPSK	1	0	QPSK	25	25	23.29	Pass
				18625	9685	QPSK	1	12	QPSK	25	25	23.01	Pass
				18625	9685	QPSK	1	24	QPSK	25	25	23.07	Pass
				18625	9685	QPSK	12	0	QPSK	25	25	22.15	Pass
				18625	9685	QPSK	12	6	QPSK	25	25	22.23	Pass
				18625	9685	QPSK	12	13	QPSK	25	25	22.11	Pass
				18625	9685	QPSK	25	0	QPSK	25	25	22.21	Pass
				18900	9715	QPSK	1	0	QPSK	25	25	23.16	Pass
				18900	9715	QPSK	1	12	QPSK	25	25	23.15	Pass
				18900	9715	QPSK	1	24	QPSK	25	25	23.14	Pass
				18900	9715	QPSK	12	0	QPSK	25	25	22.28	Pass
				18900	9715	QPSK	12	6	QPSK	25	25	22.3	Pass
				18900	9715	QPSK	12	13	QPSK	25	25	22.24	Pass
				18900	9715	QPSK	25	0	QPSK	25	25	22.22	Pass
				19175	9745	QPSK	1	0	QPSK	25	25	22.99	Pass
				19175	9745	QPSK	1	12	QPSK	25	25	22.98	Pass
				19175	9745	QPSK	1	24	QPSK	25	25	22.99	Pass
				19175	9745	QPSK	12	0	QPSK	25	25	22.34	Pass
				19175	9745	QPSK	12	6	QPSK	25	25	22.24	Pass
				19175	9745	QPSK	12	13	QPSK	25	25	22.08	Pass
				19175	9745	QPSK	25	0	QPSK	25	25	22.26	Pass

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band2A	Band29A	10M	10M	18650	9710	QPSK	1	0	QPSK	50	50	23.43	Pass
				18650	9710	QPSK	1	24	QPSK	50	50	23.02	Pass
				18650	9710	QPSK	1	49	QPSK	50	50	23.14	Pass
				18650	9710	QPSK	25	0	QPSK	50	50	22.38	Pass
				18650	9710	QPSK	25	12	QPSK	50	50	22.19	Pass
				18650	9710	QPSK	25	25	QPSK	50	50	22.17	Pass
				18650	9710	QPSK	50	0	QPSK	50	50	22.32	Pass
				18900	9715	QPSK	1	0	QPSK	50	50	23.38	Pass
				18900	9715	QPSK	1	24	QPSK	50	50	23.18	Pass
				18900	9715	QPSK	1	49	QPSK	50	50	23.14	Pass
				18900	9715	QPSK	25	0	QPSK	50	50	22.52	Pass
				18900	9715	QPSK	25	12	QPSK	50	50	22.34	Pass
				18900	9715	QPSK	25	25	QPSK	50	50	22.35	Pass
				18900	9715	QPSK	50	0	QPSK	50	50	22.3	Pass
				19150	9720	QPSK	1	0	QPSK	50	50	23.44	Pass
				19150	9720	QPSK	1	24	QPSK	50	50	22.96	Pass
				19150	9720	QPSK	1	49	QPSK	50	50	23.15	Pass
				19150	9720	QPSK	25	0	QPSK	50	50	22.44	Pass
				19150	9720	QPSK	25	12	QPSK	50	50	22.34	Pass
				19150	9720	QPSK	25	25	QPSK	50	50	22.31	Pass
				19150	9720	QPSK	50	0	QPSK	50	50	22.27	Pass

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band2A	Band29A	15M	5M	18675	9685	QPSK	1	0	QPSK	75	25	23.2	Pass
				18675	9685	QPSK	1	37	QPSK	75	25	23.12	Pass
				18675	9685	QPSK	1	74	QPSK	75	25	23.25	Pass
				18675	9685	QPSK	36	0	QPSK	75	25	22.22	Pass
				18675	9685	QPSK	36	19	QPSK	75	25	22.17	Pass
				18675	9685	QPSK	36	39	QPSK	75	25	22.14	Pass
				18675	9685	QPSK	75	0	QPSK	75	25	22.17	Pass
				18900	9715	QPSK	1	0	QPSK	75	25	23.28	Pass
				18900	9715	QPSK	1	37	QPSK	75	25	23.34	Pass
				18900	9715	QPSK	1	74	QPSK	75	25	23.3	Pass
				18900	9715	QPSK	36	0	QPSK	75	25	22.25	Pass
				18900	9715	QPSK	36	19	QPSK	75	25	22.25	Pass
				18900	9715	QPSK	36	39	QPSK	75	25	22.36	Pass
				18900	9715	QPSK	75	0	QPSK	75	25	22.4	Pass
				19125	9745	QPSK	1	0	QPSK	75	25	23.24	Pass
				19125	9745	QPSK	1	37	QPSK	75	25	23.34	Pass
				19125	9745	QPSK	1	74	QPSK	75	25	23.32	Pass
				19125	9745	QPSK	36	0	QPSK	75	25	22.34	Pass
				19125	9745	QPSK	36	19	QPSK	75	25	22.28	Pass
				19125	9745	QPSK	36	39	QPSK	75	25	22.37	Pass
				19125	9745	QPSK	75	0	QPSK	75	25	22.3	Pass

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band2A	Band29A	15M	10M	18675	9710	QPSK	1	0	QPSK	75	50	23.17	Pass
				18675	9710	QPSK	1	37	QPSK	75	50	23.17	Pass
				18675	9710	QPSK	1	74	QPSK	75	50	23.18	Pass
				18675	9710	QPSK	36	0	QPSK	75	50	22.32	Pass
				18675	9710	QPSK	36	19	QPSK	75	50	22.19	Pass
				18675	9710	QPSK	36	39	QPSK	75	50	22.17	Pass
				18675	9710	QPSK	75	0	QPSK	75	50	22.31	Pass
				18900	9715	QPSK	1	0	QPSK	75	50	23.34	Pass
				18900	9715	QPSK	1	37	QPSK	75	50	23.28	Pass
				18900	9715	QPSK	1	74	QPSK	75	50	23.3	Pass
				18900	9715	QPSK	36	0	QPSK	75	50	22.26	Pass
				18900	9715	QPSK	36	19	QPSK	75	50	22.24	Pass
				18900	9715	QPSK	36	39	QPSK	75	50	22.34	Pass
				18900	9715	QPSK	75	0	QPSK	75	50	22.3	Pass
				19125	9720	QPSK	1	0	QPSK	75	50	23.25	Pass
				19125	9720	QPSK	1	37	QPSK	75	50	23.37	Pass
				19125	9720	QPSK	1	74	QPSK	75	50	23.35	Pass
				19125	9720	QPSK	36	0	QPSK	75	50	22.35	Pass
				19125	9720	QPSK	36	19	QPSK	75	50	22.36	Pass
				19125	9720	QPSK	36	39	QPSK	75	50	22.36	Pass
				19125	9720	QPSK	75	0	QPSK	75	50	22.26	Pass

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band2A	Band29A	20M	5M	18700	9685	QPSK	1	0	QPSK	100	25	23.37	Pass
				18700	9685	QPSK	1	49	QPSK	100	25	23.01	Pass
				18700	9685	QPSK	1	99	QPSK	100	25	23.23	Pass
				18700	9685	QPSK	50	0	QPSK	100	25	22.28	Pass
				18700	9685	QPSK	50	25	QPSK	100	25	22.17	Pass
				18700	9685	QPSK	50	50	QPSK	100	25	22.19	Pass
				18700	9685	QPSK	100	0	QPSK	100	25	22.33	Pass
				18900	9715	QPSK	1	0	QPSK	100	25	23.38	Pass
				18900	9715	QPSK	1	49	QPSK	100	25	23.09	Pass
				18900	9715	QPSK	1	99	QPSK	100	25	23.55	Pass
				18900	9715	QPSK	50	0	QPSK	100	25	22.34	Pass
				18900	9715	QPSK	50	25	QPSK	100	25	22.19	Pass
				18900	9715	QPSK	50	50	QPSK	100	25	22.32	Pass
				18900	9715	QPSK	100	0	QPSK	100	25	22.29	Pass
				19100	9745	QPSK	1	0	QPSK	100	25	23.27	Pass
				19100	9745	QPSK	1	49	QPSK	100	25	23.06	Pass
				19100	9745	QPSK	1	99	QPSK	100	25	23.49	Pass
				19100	9745	QPSK	50	0	QPSK	100	25	22.31	Pass
				19100	9745	QPSK	50	25	QPSK	100	25	22.3	Pass
				19100	9745	QPSK	50	50	QPSK	100	25	22.34	Pass
				19100	9745	QPSK	100	0	QPSK	100	25	22.4	Pass

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band2A	Band29A	20M	10M	18700	9710	QPSK	1	0	QPSK	100	50	23.24	Pass
				18700	9710	QPSK	1	49	QPSK	100	50	23.09	Pass
				18700	9710	QPSK	1	99	QPSK	100	50	23.28	Pass
				18700	9710	QPSK	50	0	QPSK	100	50	22.26	Pass
				18700	9710	QPSK	50	25	QPSK	100	50	22.24	Pass
				18700	9710	QPSK	50	50	QPSK	100	50	22.23	Pass
				18700	9710	QPSK	100	0	QPSK	100	50	22.26	Pass
				18900	9715	QPSK	1	0	QPSK	100	50	23.37	Pass
				18900	9715	QPSK	1	49	QPSK	100	50	23.03	Pass
				18900	9715	QPSK	1	99	QPSK	100	50	23.53	Pass
				18900	9715	QPSK	50	0	QPSK	100	50	22.38	Pass
				18900	9715	QPSK	50	25	QPSK	100	50	22.24	Pass
				18900	9715	QPSK	50	50	QPSK	100	50	22.34	Pass
				18900	9715	QPSK	100	0	QPSK	100	50	22.35	Pass
				19100	9720	QPSK	1	0	QPSK	100	50	23.31	Pass
				19100	9720	QPSK	1	49	QPSK	100	50	23.04	Pass
				19100	9720	QPSK	1	99	QPSK	100	50	23.47	Pass
				19100	9720	QPSK	50	0	QPSK	100	50	22.37	Pass
				19100	9720	QPSK	50	25	QPSK	100	50	22.26	Pass
				19100	9720	QPSK	50	50	QPSK	100	50	22.33	Pass
				19100	9720	QPSK	100	0	QPSK	100	50	22.41	Pass

2CA Band 2A+30A_DL CA

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band2A	Band30A	5M	5M	18625	27685	QPSK	1	0	QPSK	25	25	23.28	Pass
				18625	27685	QPSK	1	12	QPSK	25	25	23.04	Pass
				18625	27685	QPSK	1	24	QPSK	25	25	23.1	Pass
				18625	27685	QPSK	12	0	QPSK	25	25	22.17	Pass
				18625	27685	QPSK	12	6	QPSK	25	25	22.31	Pass
				18625	27685	QPSK	12	13	QPSK	25	25	22.1	Pass
				18625	27685	QPSK	25	0	QPSK	25	25	22.25	Pass
				18900	27710	QPSK	1	0	QPSK	25	25	23.18	Pass
				18900	27710	QPSK	1	12	QPSK	25	25	23.17	Pass
				18900	27710	QPSK	1	24	QPSK	25	25	23.08	Pass
				18900	27710	QPSK	12	0	QPSK	25	25	22.33	Pass
				18900	27710	QPSK	12	6	QPSK	25	25	22.26	Pass
				18900	27710	QPSK	12	13	QPSK	25	25	22.15	Pass
				18900	27710	QPSK	25	0	QPSK	25	25	22.16	Pass
				19175	27735	QPSK	1	0	QPSK	25	25	23.04	Pass
				19175	27735	QPSK	1	12	QPSK	25	25	22.99	Pass
				19175	27735	QPSK	1	24	QPSK	25	25	22.98	Pass
				19175	27735	QPSK	12	0	QPSK	25	25	22.25	Pass
				19175	27735	QPSK	12	6	QPSK	25	25	22.22	Pass
				19175	27735	QPSK	12	13	QPSK	25	25	22.16	Pass
				19175	27735	QPSK	25	0	QPSK	25	25	22.22	Pass

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band2A	Band30A	10M	10M	18650	27710	QPSK	1	0	QPSK	50	50	23.44	Pass
				18650	27710	QPSK	1	24	QPSK	50	50	23	Pass
				18650	27710	QPSK	1	49	QPSK	50	50	23.13	Pass
				18650	27710	QPSK	25	0	QPSK	50	50	22.39	Pass
				18650	27710	QPSK	25	12	QPSK	50	50	22.2	Pass
				18650	27710	QPSK	25	25	QPSK	50	50	22.11	Pass
				18650	27710	QPSK	50	0	QPSK	50	50	22.33	Pass
				18900	27710	QPSK	1	0	QPSK	50	50	23.38	Pass
				18900	27710	QPSK	1	24	QPSK	50	50	23.19	Pass
				18900	27710	QPSK	1	49	QPSK	50	50	23.2	Pass
				18900	27710	QPSK	25	0	QPSK	50	50	22.51	Pass
				18900	27710	QPSK	25	12	QPSK	50	50	22.32	Pass
				18900	27710	QPSK	25	25	QPSK	50	50	22.32	Pass
				18900	27710	QPSK	50	0	QPSK	50	50	22.39	Pass
				19150	27710	QPSK	1	0	QPSK	50	50	23.48	Pass
				19150	27710	QPSK	1	24	QPSK	50	50	22.97	Pass
				19150	27710	QPSK	1	49	QPSK	50	50	23.17	Pass
				19150	27710	QPSK	25	0	QPSK	50	50	22.41	Pass
				19150	27710	QPSK	25	12	QPSK	50	50	22.33	Pass
				19150	27710	QPSK	25	25	QPSK	50	50	22.26	Pass
				19150	27710	QPSK	50	0	QPSK	50	50	22.32	Pass

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band2A	Band30A	15M	5M	18675	27685	QPSK	1	0	QPSK	75	25	23.18	Pass
				18675	27685	QPSK	1	37	QPSK	75	25	23.13	Pass
				18675	27685	QPSK	1	74	QPSK	75	25	23.23	Pass
				18675	27685	QPSK	36	0	QPSK	75	25	22.22	Pass
				18675	27685	QPSK	36	19	QPSK	75	25	22.14	Pass
				18675	27685	QPSK	36	39	QPSK	75	25	22.12	Pass
				18675	27685	QPSK	75	0	QPSK	75	25	22.19	Pass
				18900	27710	QPSK	1	0	QPSK	75	25	23.36	Pass
				18900	27710	QPSK	1	37	QPSK	75	25	23.36	Pass
				18900	27710	QPSK	1	74	QPSK	75	25	23.31	Pass
				18900	27710	QPSK	36	0	QPSK	75	25	22.23	Pass
				18900	27710	QPSK	36	19	QPSK	75	25	22.19	Pass
				18900	27710	QPSK	36	39	QPSK	75	25	22.32	Pass
				18900	27710	QPSK	75	0	QPSK	75	25	22.35	Pass
				19125	27735	QPSK	1	0	QPSK	75	25	23.28	Pass
				19125	27735	QPSK	1	37	QPSK	75	25	23.34	Pass
				19125	27735	QPSK	1	74	QPSK	75	25	23.41	Pass
				19125	27735	QPSK	36	0	QPSK	75	25	22.31	Pass
				19125	27735	QPSK	36	19	QPSK	75	25	22.27	Pass
				19125	27735	QPSK	36	39	QPSK	75	25	22.38	Pass
				19125	27735	QPSK	75	0	QPSK	75	25	22.27	Pass

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band2A	Band30A	15M	10M	18675	27710	QPSK	1	0	QPSK	75	50	23.19	Pass
				18675	27710	QPSK	1	37	QPSK	75	50	23.13	Pass
				18675	27710	QPSK	1	74	QPSK	75	50	23.16	Pass
				18675	27710	QPSK	36	0	QPSK	75	50	22.27	Pass
				18675	27710	QPSK	36	19	QPSK	75	50	22.19	Pass
				18675	27710	QPSK	36	39	QPSK	75	50	22.17	Pass
				18675	27710	QPSK	75	0	QPSK	75	50	22.27	Pass
				18900	27710	QPSK	1	0	QPSK	75	50	23.29	Pass
				18900	27710	QPSK	1	37	QPSK	75	50	23.26	Pass
				18900	27710	QPSK	1	74	QPSK	75	50	23.34	Pass
				18900	27710	QPSK	36	0	QPSK	75	50	22.33	Pass
				18900	27710	QPSK	36	19	QPSK	75	50	22.32	Pass
				18900	27710	QPSK	36	39	QPSK	75	50	22.36	Pass
				18900	27710	QPSK	75	0	QPSK	75	50	22.3	Pass
				19125	27710	QPSK	1	0	QPSK	75	50	23.28	Pass
				19125	27710	QPSK	1	37	QPSK	75	50	23.44	Pass
				19125	27710	QPSK	1	74	QPSK	75	50	23.35	Pass
				19125	27710	QPSK	36	0	QPSK	75	50	22.37	Pass
				19125	27710	QPSK	36	19	QPSK	75	50	22.33	Pass
				19125	27710	QPSK	36	39	QPSK	75	50	22.37	Pass
				19125	27710	QPSK	75	0	QPSK	75	50	22.35	Pass

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band2A	Band30A	20M	5M	18700	27685	QPSK	1	0	QPSK	100	25	23.32	Pass
				18700	27685	QPSK	1	49	QPSK	100	25	22.98	Pass
				18700	27685	QPSK	1	99	QPSK	100	25	23.25	Pass
				18700	27685	QPSK	50	0	QPSK	100	25	22.32	Pass
				18700	27685	QPSK	50	25	QPSK	100	25	22.19	Pass
				18700	27685	QPSK	50	50	QPSK	100	25	22.12	Pass
				18700	27685	QPSK	100	0	QPSK	100	25	22.23	Pass
				18900	27710	QPSK	1	0	QPSK	100	25	23.31	Pass
				18900	27710	QPSK	1	49	QPSK	100	25	23.09	Pass
				18900	27710	QPSK	1	99	QPSK	100	25	23.56	Pass
				18900	27710	QPSK	50	0	QPSK	100	25	22.34	Pass
				18900	27710	QPSK	50	25	QPSK	100	25	22.22	Pass
				18900	27710	QPSK	50	50	QPSK	100	25	22.35	Pass
				18900	27710	QPSK	100	0	QPSK	100	25	22.29	Pass
				19100	27735	QPSK	1	0	QPSK	100	25	23.28	Pass
				19100	27735	QPSK	1	49	QPSK	100	25	23.05	Pass
				19100	27735	QPSK	1	99	QPSK	100	25	23.46	Pass
				19100	27735	QPSK	50	0	QPSK	100	25	22.32	Pass
				19100	27735	QPSK	50	25	QPSK	100	25	22.27	Pass
				19100	27735	QPSK	50	50	QPSK	100	25	22.32	Pass
				19100	27735	QPSK	100	0	QPSK	100	25	22.35	Pass

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band2A	Band30A	20M	10M	18700	27710	QPSK	1	0	QPSK	100	50	23.3	Pass
				18700	27710	QPSK	1	49	QPSK	100	50	23.05	Pass
				18700	27710	QPSK	1	99	QPSK	100	50	23.28	Pass
				18700	27710	QPSK	50	0	QPSK	100	50	22.27	Pass
				18700	27710	QPSK	50	25	QPSK	100	50	22.18	Pass
				18700	27710	QPSK	50	50	QPSK	100	50	22.23	Pass
				18700	27710	QPSK	100	0	QPSK	100	50	22.34	Pass
				18900	27710	QPSK	1	0	QPSK	100	50	23.3	Pass
				18900	27710	QPSK	1	49	QPSK	100	50	23.03	Pass
				18900	27710	QPSK	1	99	QPSK	100	50	23.53	Pass
				18900	27710	QPSK	50	0	QPSK	100	50	22.37	Pass
				18900	27710	QPSK	50	25	QPSK	100	50	22.24	Pass
				18900	27710	QPSK	50	50	QPSK	100	50	22.26	Pass
				18900	27710	QPSK	100	0	QPSK	100	50	22.31	Pass
				19100	27710	QPSK	1	0	QPSK	100	50	23.26	Pass
				19100	27710	QPSK	1	49	QPSK	100	50	23.07	Pass
				19100	27710	QPSK	1	99	QPSK	100	50	23.47	Pass
				19100	27710	QPSK	50	0	QPSK	100	50	22.34	Pass
				19100	27710	QPSK	50	25	QPSK	100	50	22.26	Pass
				19100	27710	QPSK	50	50	QPSK	100	50	22.31	Pass
				19100	27710	QPSK	100	0	QPSK	100	50	22.39	Pass

2CA Band 2A+66A_DL CA

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band2A	Band66A	5M	5M	18625	131997	QPSK	1	0	QPSK	25	25	23.34	Pass
				18625	131997	QPSK	1	12	QPSK	25	25	23.04	Pass
				18625	131997	QPSK	1	24	QPSK	25	25	23.13	Pass
				18625	131997	QPSK	12	0	QPSK	25	25	22.3	Pass
				18625	131997	QPSK	12	6	QPSK	25	25	22.25	Pass
				18625	131997	QPSK	12	13	QPSK	25	25	22.19	Pass
				18625	131997	QPSK	25	0	QPSK	25	25	22.15	Pass
				18900	132197	QPSK	1	0	QPSK	25	25	23.33	Pass
				18900	132197	QPSK	1	12	QPSK	25	25	23.26	Pass
				18900	132197	QPSK	1	24	QPSK	25	25	23.25	Pass
				18900	132197	QPSK	12	0	QPSK	25	25	22.36	Pass
				18900	132197	QPSK	12	6	QPSK	25	25	22.36	Pass
				18900	132197	QPSK	12	13	QPSK	25	25	22.23	Pass
				18900	132197	QPSK	25	0	QPSK	25	25	22.25	Pass
				19175	132397	QPSK	1	0	QPSK	25	25	23.11	Pass
				19175	132397	QPSK	1	12	QPSK	25	25	23.15	Pass
				19175	132397	QPSK	1	24	QPSK	25	25	23.07	Pass
				19175	132397	QPSK	12	0	QPSK	25	25	22.38	Pass
				19175	132397	QPSK	12	6	QPSK	25	25	22.3	Pass
				19175	132397	QPSK	12	13	QPSK	25	25	22.21	Pass
				19175	132397	QPSK	25	0	QPSK	25	25	22.26	Pass

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band2A	Band66A	10M	10M	18650	132022	QPSK	1	0	QPSK	50	50	23.49	Pass
				18650	132022	QPSK	1	24	QPSK	50	50	23.09	Pass
				18650	132022	QPSK	1	49	QPSK	50	50	23.1	Pass
				18650	132022	QPSK	25	0	QPSK	50	50	22.34	Pass
				18650	132022	QPSK	25	12	QPSK	50	50	22.27	Pass
				18650	132022	QPSK	25	25	QPSK	50	50	22.19	Pass
				18650	132022	QPSK	50	0	QPSK	50	50	22.26	Pass
				18900	132197	QPSK	1	0	QPSK	50	50	23.58	Pass
				18900	132197	QPSK	1	24	QPSK	50	50	23.23	Pass
				18900	132197	QPSK	1	49	QPSK	50	50	23.25	Pass
				18900	132197	QPSK	25	0	QPSK	50	50	22.49	Pass
				18900	132197	QPSK	25	12	QPSK	50	50	22.39	Pass
				18900	132197	QPSK	25	25	QPSK	50	50	22.33	Pass
				18900	132197	QPSK	50	0	QPSK	50	50	22.41	Pass
				19150	132372	QPSK	1	0	QPSK	50	50	23.51	Pass
				19150	132372	QPSK	1	24	QPSK	50	50	23.02	Pass
				19150	132372	QPSK	1	49	QPSK	50	50	23.19	Pass
				19150	132372	QPSK	25	0	QPSK	50	50	22.51	Pass
				19150	132372	QPSK	25	12	QPSK	50	50	22.36	Pass
				19150	132372	QPSK	25	25	QPSK	50	50	22.34	Pass
				19150	132372	QPSK	50	0	QPSK	50	50	22.37	Pass

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band2A	Band66A	15M	15M	18675	132047	QPSK	1	0	QPSK	75	75	23.19	Pass
				18675	132047	QPSK	1	37	QPSK	75	75	23.25	Pass
				18675	132047	QPSK	1	74	QPSK	75	75	23.27	Pass
				18675	132047	QPSK	36	0	QPSK	75	75	22.31	Pass
				18675	132047	QPSK	36	19	QPSK	75	75	22.16	Pass
				18675	132047	QPSK	36	39	QPSK	75	75	22.18	Pass
				18675	132047	QPSK	75	0	QPSK	75	75	22.32	Pass
				18900	132197	QPSK	1	0	QPSK	75	75	23.33	Pass
				18900	132197	QPSK	1	37	QPSK	75	75	23.37	Pass
				18900	132197	QPSK	1	74	QPSK	75	75	23.47	Pass
				18900	132197	QPSK	36	0	QPSK	75	75	22.4	Pass
				18900	132197	QPSK	36	19	QPSK	75	75	22.22	Pass
				18900	132197	QPSK	36	39	QPSK	75	75	22.38	Pass
				18900	132197	QPSK	75	0	QPSK	75	75	22.33	Pass
				19125	132347	QPSK	1	0	QPSK	75	75	23.3	Pass
				19125	132347	QPSK	1	37	QPSK	75	75	23.4	Pass
				19125	132347	QPSK	1	74	QPSK	75	75	23.32	Pass
				19125	132347	QPSK	36	0	QPSK	75	75	22.38	Pass
				19125	132347	QPSK	36	19	QPSK	75	75	22.39	Pass
				19125	132347	QPSK	36	39	QPSK	75	75	22.37	Pass
				19125	132347	QPSK	75	0	QPSK	75	75	22.46	Pass

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band2A	Band66A	20M	20M	18700	132072	QPSK	1	0	QPSK	100	100	23.22	Pass
				18700	132072	QPSK	1	37	QPSK	100	100	23.1	Pass
				18700	132072	QPSK	1	74	QPSK	100	100	23.32	Pass
				18700	132072	QPSK	36	0	QPSK	100	100	22.34	Pass
				18700	132072	QPSK	36	19	QPSK	100	100	22.24	Pass
				18700	132072	QPSK	36	39	QPSK	100	100	22.26	Pass
				18700	132072	QPSK	75	0	QPSK	100	100	22.28	Pass
				18900	132197	QPSK	1	0	QPSK	100	100	23.42	Pass
				18900	132197	QPSK	1	37	QPSK	100	100	23.12	Pass
				18900	132197	QPSK	1	74	QPSK	100	100	23.65	Pass
				18900	132197	QPSK	36	0	QPSK	100	100	22.4	Pass
				18900	132197	QPSK	36	19	QPSK	100	100	22.29	Pass
				18900	132197	QPSK	36	39	QPSK	100	100	22.35	Pass
				18900	132197	QPSK	75	0	QPSK	100	100	22.32	Pass
				19100	132322	QPSK	1	0	QPSK	100	100	23.43	Pass
				19100	132322	QPSK	1	37	QPSK	100	100	23.11	Pass
				19100	132322	QPSK	1	74	QPSK	100	100	23.45	Pass
				19100	132322	QPSK	36	0	QPSK	100	100	22.46	Pass
				19100	132322	QPSK	36	19	QPSK	100	100	22.24	Pass
				19100	132322	QPSK	36	39	QPSK	100	100	22.4	Pass
				19100	132322	QPSK	75	0	QPSK	100	100	22.45	Pass

2CA Band 5A+30A_DL CA

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band5A	Band30A	5M	5M	20425	27685	QPSK	1	0	QPSK	25	25	22.81	Pass
				20425	27685	QPSK	1	12	QPSK	25	25	22.71	Pass
				20425	27685	QPSK	1	24	QPSK	25	25	22.78	Pass
				20425	27685	QPSK	12	0	QPSK	25	25	21.79	Pass
				20425	27685	QPSK	12	6	QPSK	25	25	21.75	Pass
				20425	27685	QPSK	12	13	QPSK	25	25	21.86	Pass
				20425	27685	QPSK	25	0	QPSK	25	25	21.72	Pass
				20525	27710	QPSK	1	0	QPSK	25	25	22.79	Pass
				20525	27710	QPSK	1	12	QPSK	25	25	22.85	Pass
				20525	27710	QPSK	1	24	QPSK	25	25	22.7	Pass
				20525	27710	QPSK	12	0	QPSK	25	25	21.92	Pass
				20525	27710	QPSK	12	6	QPSK	25	25	21.87	Pass
				20525	27710	QPSK	12	13	QPSK	25	25	21.95	Pass
				20525	27710	QPSK	25	0	QPSK	25	25	21.79	Pass
				20625	27735	QPSK	1	0	QPSK	25	25	22.67	Pass
				20625	27735	QPSK	1	12	QPSK	25	25	22.79	Pass
				20625	27735	QPSK	1	24	QPSK	25	25	22.7	Pass
				20625	27735	QPSK	12	0	QPSK	25	25	21.95	Pass
				20625	27735	QPSK	12	6	QPSK	25	25	21.84	Pass
				20625	27735	QPSK	12	13	QPSK	25	25	21.69	Pass
				20625	27735	QPSK	25	0	QPSK	25	25	21.8	Pass

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band5A	Band30A	10M	10M	20450	27710	QPSK	1	0	QPSK	50	50	22.78	Pass
				20450	27710	QPSK	1	24	QPSK	50	50	22.9	Pass
				20450	27710	QPSK	1	49	QPSK	50	50	22.62	Pass
				20450	27710	QPSK	25	0	QPSK	50	50	21.76	Pass
				20450	27710	QPSK	25	12	QPSK	50	50	21.89	Pass
				20450	27710	QPSK	25	25	QPSK	50	50	21.9	Pass
				20450	27710	QPSK	50	0	QPSK	50	50	21.88	Pass
				20525	27710	QPSK	1	0	QPSK	50	50	22.81	Pass
				20525	27710	QPSK	1	24	QPSK	50	50	22.65	Pass
				20525	27710	QPSK	1	49	QPSK	50	50	22.86	Pass
				20525	27710	QPSK	25	0	QPSK	50	50	21.64	Pass
				20525	27710	QPSK	25	12	QPSK	50	50	22	Pass
				20525	27710	QPSK	25	25	QPSK	50	50	21.57	Pass
				20525	27710	QPSK	50	0	QPSK	50	50	21.78	Pass
				20600	27710	QPSK	1	0	QPSK	50	50	22.63	Pass
				20600	27710	QPSK	1	24	QPSK	50	50	22.97	Pass
				20600	27710	QPSK	1	49	QPSK	50	50	22.77	Pass
				20600	27710	QPSK	25	0	QPSK	50	50	21.71	Pass
				20600	27710	QPSK	25	12	QPSK	50	50	22.02	Pass
				20600	27710	QPSK	25	25	QPSK	50	50	21.97	Pass
				20600	27710	QPSK	50	0	QPSK	50	50	21.9	Pass

2CA Band 5A+66A_DL CA

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band5A	Band66A	5M	5M	20425	131997	QPSK	1	0	QPSK	25	25	22.8	Pass
				20425	131997	QPSK	1	12	QPSK	25	25	22.77	Pass
				20425	131997	QPSK	1	24	QPSK	25	25	22.72	Pass
				20425	131997	QPSK	12	0	QPSK	25	25	21.74	Pass
				20425	131997	QPSK	12	6	QPSK	25	25	21.77	Pass
				20425	131997	QPSK	12	13	QPSK	25	25	21.7	Pass
				20425	131997	QPSK	25	0	QPSK	25	25	21.79	Pass
				20525	132197	QPSK	1	0	QPSK	25	25	22.78	Pass
				20525	132197	QPSK	1	12	QPSK	25	25	22.69	Pass
				20525	132197	QPSK	1	24	QPSK	25	25	22.71	Pass
				20525	132197	QPSK	12	0	QPSK	25	25	21.97	Pass
				20525	132197	QPSK	12	6	QPSK	25	25	21.77	Pass
				20525	132197	QPSK	12	13	QPSK	25	25	21.84	Pass
				20525	132197	QPSK	25	0	QPSK	25	25	21.82	Pass
				20625	132397	QPSK	1	0	QPSK	25	25	22.73	Pass
				20625	132397	QPSK	1	12	QPSK	25	25	22.74	Pass
				20625	132397	QPSK	1	24	QPSK	25	25	22.69	Pass
				20625	132397	QPSK	12	0	QPSK	25	25	21.78	Pass
				20625	132397	QPSK	12	6	QPSK	25	25	21.82	Pass
				20625	132397	QPSK	12	13	QPSK	25	25	21.81	Pass
				20625	132397	QPSK	25	0	QPSK	25	25	21.73	Pass

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band5A	Band66A	10M	10M	20450	132022	QPSK	1	0	QPSK	50	50	22.77	Pass
				20450	132022	QPSK	1	24	QPSK	50	50	22.78	Pass
				20450	132022	QPSK	1	49	QPSK	50	50	22.69	Pass
				20450	132022	QPSK	25	0	QPSK	50	50	21.79	Pass
				20450	132022	QPSK	25	12	QPSK	50	50	21.85	Pass
				20450	132022	QPSK	25	25	QPSK	50	50	21.74	Pass
				20450	132022	QPSK	50	0	QPSK	50	50	21.81	Pass
				20525	132197	QPSK	1	0	QPSK	50	50	22.79	Pass
				20525	132197	QPSK	1	24	QPSK	50	50	22.75	Pass
				20525	132197	QPSK	1	49	QPSK	50	50	22.75	Pass
				20525	132197	QPSK	25	0	QPSK	50	50	21.76	Pass
				20525	132197	QPSK	25	12	QPSK	50	50	21.86	Pass
				20525	132197	QPSK	25	25	QPSK	50	50	21.68	Pass
				20525	132197	QPSK	50	0	QPSK	50	50	21.74	Pass
				20600	132372	QPSK	1	0	QPSK	50	50	22.77	Pass
				20600	132372	QPSK	1	24	QPSK	50	50	22.98	Pass
				20600	132372	QPSK	1	49	QPSK	50	50	22.8	Pass
				20600	132372	QPSK	25	0	QPSK	50	50	21.88	Pass
				20600	132372	QPSK	25	12	QPSK	50	50	21.96	Pass
				20600	132372	QPSK	25	25	QPSK	50	50	21.92	Pass
				20600	132372	QPSK	50	0	QPSK	50	50	21.92	Pass

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band5A	Band66A	5M	15M	20425	132047	QPSK	1	0	QPSK	25	75	22.8	Pass
				20425	132047	QPSK	1	12	QPSK	25	75	22.69	Pass
				20425	132047	QPSK	1	24	QPSK	25	75	22.68	Pass
				20425	132047	QPSK	12	0	QPSK	25	75	21.79	Pass
				20425	132047	QPSK	12	6	QPSK	25	75	21.75	Pass
				20425	132047	QPSK	12	13	QPSK	25	75	21.77	Pass
				20425	132047	QPSK	25	0	QPSK	25	75	21.71	Pass
				20525	132197	QPSK	1	0	QPSK	25	75	22.79	Pass
				20525	132197	QPSK	1	12	QPSK	25	75	22.74	Pass
				20525	132197	QPSK	1	24	QPSK	25	75	22.78	Pass
				20525	132197	QPSK	12	0	QPSK	25	75	21.94	Pass
				20525	132197	QPSK	12	6	QPSK	25	75	21.77	Pass
				20525	132197	QPSK	12	13	QPSK	25	75	21.82	Pass
				20525	132197	QPSK	25	0	QPSK	25	75	21.87	Pass
				20625	132347	QPSK	1	0	QPSK	25	75	22.77	Pass
				20625	132347	QPSK	1	12	QPSK	25	75	22.74	Pass
				20625	132347	QPSK	1	24	QPSK	25	75	22.73	Pass
				20625	132347	QPSK	12	0	QPSK	25	75	21.83	Pass
				20625	132347	QPSK	12	6	QPSK	25	75	21.89	Pass
				20625	132347	QPSK	12	13	QPSK	25	75	21.79	Pass
				20625	132347	QPSK	25	0	QPSK	25	75	21.75	Pass

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band5A	Band66A	5M	20M	20425	132072	QPSK	1	0	QPSK	25	100	22.8	Pass
				20425	132072	QPSK	1	12	QPSK	25	100	22.74	Pass
				20425	132072	QPSK	1	24	QPSK	25	100	22.74	Pass
				20425	132072	QPSK	12	0	QPSK	25	100	21.76	Pass
				20425	132072	QPSK	12	6	QPSK	25	100	21.74	Pass
				20425	132072	QPSK	12	13	QPSK	25	100	21.69	Pass
				20425	132072	QPSK	25	0	QPSK	25	100	21.73	Pass
				20525	132197	QPSK	1	0	QPSK	25	100	22.83	Pass
				20525	132197	QPSK	1	12	QPSK	25	100	22.72	Pass
				20525	132197	QPSK	1	24	QPSK	25	100	22.78	Pass
				20525	132197	QPSK	12	0	QPSK	25	100	21.88	Pass
				20525	132197	QPSK	12	6	QPSK	25	100	21.79	Pass
				20525	132197	QPSK	12	13	QPSK	25	100	21.83	Pass
				20525	132197	QPSK	25	0	QPSK	25	100	21.85	Pass
				20625	132322	QPSK	1	0	QPSK	25	100	22.73	Pass
				20625	132322	QPSK	1	12	QPSK	25	100	22.75	Pass
				20625	132322	QPSK	1	24	QPSK	25	100	22.73	Pass
				20625	132322	QPSK	12	0	QPSK	25	100	21.83	Pass
				20625	132322	QPSK	12	6	QPSK	25	100	21.83	Pass
				20625	132322	QPSK	12	13	QPSK	25	100	21.87	Pass
				20625	132322	QPSK	25	0	QPSK	25	100	21.76	Pass

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band5A	Band66A	10M	15M	20450	132047	QPSK	1	0	QPSK	50	75	22.74	Pass
				20450	132047	QPSK	1	24	QPSK	50	75	22.74	Pass
				20450	132047	QPSK	1	49	QPSK	50	75	22.63	Pass
				20450	132047	QPSK	25	0	QPSK	50	75	21.83	Pass
				20450	132047	QPSK	25	12	QPSK	50	75	21.84	Pass
				20450	132047	QPSK	25	25	QPSK	50	75	21.78	Pass
				20450	132047	QPSK	50	0	QPSK	50	75	21.77	Pass
				20525	132197	QPSK	1	0	QPSK	50	75	22.82	Pass
				20525	132197	QPSK	1	24	QPSK	50	75	22.84	Pass
				20525	132197	QPSK	1	49	QPSK	50	75	22.81	Pass
				20525	132197	QPSK	25	0	QPSK	50	75	21.72	Pass
				20525	132197	QPSK	25	12	QPSK	50	75	21.88	Pass
				20525	132197	QPSK	25	25	QPSK	50	75	21.71	Pass
				20525	132197	QPSK	50	0	QPSK	50	75	21.8	Pass
				20600	132347	QPSK	1	0	QPSK	50	75	22.7	Pass
				20600	132347	QPSK	1	24	QPSK	50	75	22.99	Pass
				20600	132347	QPSK	1	49	QPSK	50	75	22.74	Pass
				20600	132347	QPSK	25	0	QPSK	50	75	21.9	Pass
				20600	132347	QPSK	25	12	QPSK	50	75	22	Pass
				20600	132347	QPSK	25	25	QPSK	50	75	21.98	Pass
				20600	132347	QPSK	50	0	QPSK	50	75	21.95	Pass

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band5A	Band66A	10M	20M	20450	132072	QPSK	1	0	QPSK	50	100	22.68	Pass
				20450	132072	QPSK	1	24	QPSK	50	100	22.78	Pass
				20450	132072	QPSK	1	49	QPSK	50	100	22.7	Pass
				20450	132072	QPSK	25	0	QPSK	50	100	21.79	Pass
				20450	132072	QPSK	25	12	QPSK	50	100	21.82	Pass
				20450	132072	QPSK	25	25	QPSK	50	100	21.74	Pass
				20450	132072	QPSK	50	0	QPSK	50	100	21.83	Pass
				20525	132197	QPSK	1	0	QPSK	50	100	22.79	Pass
				20525	132197	QPSK	1	24	QPSK	50	100	22.74	Pass
				20525	132197	QPSK	1	49	QPSK	50	100	22.76	Pass
				20525	132197	QPSK	25	0	QPSK	50	100	21.69	Pass
				20525	132197	QPSK	25	12	QPSK	50	100	21.87	Pass
				20525	132197	QPSK	25	25	QPSK	50	100	21.67	Pass
				20525	132197	QPSK	50	0	QPSK	50	100	21.82	Pass
				20600	132322	QPSK	1	0	QPSK	50	100	22.72	Pass
				20600	132322	QPSK	1	24	QPSK	50	100	22.95	Pass
				20600	132322	QPSK	1	49	QPSK	50	100	22.75	Pass
				20600	132322	QPSK	25	0	QPSK	50	100	21.92	Pass
				20600	132322	QPSK	25	12	QPSK	50	100	22.03	Pass
				20600	132322	QPSK	25	25	QPSK	50	100	21.94	Pass
				20600	132322	QPSK	50	0	QPSK	50	100	21.94	Pass

2CA Band 12A+30A_DL CA

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band12A	Band30A	5M	5M	23035	27685	QPSK	1	0	QPSK	25	25	22.72	Pass
				23035	27685	QPSK	1	12	QPSK	25	25	22.67	Pass
				23035	27685	QPSK	1	24	QPSK	25	25	22.77	Pass
				23035	27685	QPSK	12	0	QPSK	25	25	21.8	Pass
				23035	27685	QPSK	12	6	QPSK	25	25	21.85	Pass
				23035	27685	QPSK	12	13	QPSK	25	25	21.74	Pass
				23035	27685	QPSK	25	0	QPSK	25	25	21.79	Pass
				23095	27710	QPSK	1	0	QPSK	25	25	22.82	Pass
				23095	27710	QPSK	1	12	QPSK	25	25	22.84	Pass
				23095	27710	QPSK	1	24	QPSK	25	25	22.86	Pass
				23095	27710	QPSK	12	0	QPSK	25	25	21.85	Pass
				23095	27710	QPSK	12	6	QPSK	25	25	21.92	Pass
				23095	27710	QPSK	12	13	QPSK	25	25	21.86	Pass
				23095	27710	QPSK	25	0	QPSK	25	25	21.95	Pass
				23155	27735	QPSK	1	0	QPSK	25	25	22.84	Pass
				23155	27735	QPSK	1	12	QPSK	25	25	22.92	Pass
				23155	27735	QPSK	1	24	QPSK	25	25	22.99	Pass
				23155	27735	QPSK	12	0	QPSK	25	25	22.14	Pass
				23155	27735	QPSK	12	6	QPSK	25	25	22.02	Pass
				23155	27735	QPSK	12	13	QPSK	25	25	22.13	Pass
				23155	27735	QPSK	25	0	QPSK	25	25	22.08	Pass

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band12A	Band30A	10M	10M	23060	27710	QPSK	1	0	QPSK	50	50	22.75	Pass
				23060	27710	QPSK	1	24	QPSK	50	50	22.91	Pass
				23060	27710	QPSK	1	49	QPSK	50	50	22.83	Pass
				23060	27710	QPSK	25	0	QPSK	50	50	22.87	Pass
				23060	27710	QPSK	25	12	QPSK	50	50	22.83	Pass
				23060	27710	QPSK	25	25	QPSK	50	50	22.94	Pass
				23060	27710	QPSK	50	0	QPSK	50	50	21.91	Pass
				23095	27710	QPSK	1	0	QPSK	50	50	22.75	Pass
				23095	27710	QPSK	1	24	QPSK	50	50	22.85	Pass
				23095	27710	QPSK	1	49	QPSK	50	50	22.78	Pass
				23095	27710	QPSK	25	0	QPSK	50	50	22.92	Pass
				23095	27710	QPSK	25	12	QPSK	50	50	22.93	Pass
				23095	27710	QPSK	25	25	QPSK	50	50	22.96	Pass
				23095	27710	QPSK	50	0	QPSK	50	50	21.79	Pass
				23130	27710	QPSK	1	0	QPSK	50	50	22.93	Pass
				23130	27710	QPSK	1	24	QPSK	50	50	22.97	Pass
				23130	27710	QPSK	1	49	QPSK	50	50	23.07	Pass
				23130	27710	QPSK	25	0	QPSK	50	50	22.88	Pass
				23130	27710	QPSK	25	12	QPSK	50	50	22.94	Pass
				23130	27710	QPSK	25	25	QPSK	50	50	22.96	Pass
				23130	27710	QPSK	50	0	QPSK	50	50	21.9	Pass

2CA Band 12A+66A_DL CA

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band12A	Band66A	5M	5M	23035	131997	QPSK	1	0	QPSK	25	25	22.71	Pass
				23035	131997	QPSK	1	12	QPSK	25	25	22.67	Pass
				23035	131997	QPSK	1	24	QPSK	25	25	22.76	Pass
				23035	131997	QPSK	12	0	QPSK	25	25	21.86	Pass
				23035	131997	QPSK	12	6	QPSK	25	25	21.86	Pass
				23035	131997	QPSK	12	13	QPSK	25	25	21.73	Pass
				23035	131997	QPSK	25	0	QPSK	25	25	21.76	Pass
				23095	132197	QPSK	1	0	QPSK	25	25	22.85	Pass
				23095	132197	QPSK	1	12	QPSK	25	25	22.85	Pass
				23095	132197	QPSK	1	24	QPSK	25	25	22.8	Pass
				23095	132197	QPSK	12	0	QPSK	25	25	21.81	Pass
				23095	132197	QPSK	12	6	QPSK	25	25	21.93	Pass
				23095	132197	QPSK	12	13	QPSK	25	25	21.83	Pass
				23095	132197	QPSK	25	0	QPSK	25	25	21.95	Pass
				23155	132397	QPSK	1	0	QPSK	25	25	22.8	Pass
				23155	132397	QPSK	1	12	QPSK	25	25	22.9	Pass
				23155	132397	QPSK	1	24	QPSK	25	25	22.97	Pass
				23155	132397	QPSK	12	0	QPSK	25	25	22.17	Pass
				23155	132397	QPSK	12	6	QPSK	25	25	22.06	Pass
				23155	132397	QPSK	12	13	QPSK	25	25	22.15	Pass
				23155	132397	QPSK	25	0	QPSK	25	25	22.1	Pass

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band12A	Band66A	10M	10M	23060	132022	QPSK	1	0	QPSK	50	50	22.78	Pass
				23060	132022	QPSK	1	24	QPSK	50	50	22.92	Pass
				23060	132022	QPSK	1	49	QPSK	50	50	22.83	Pass
				23060	132022	QPSK	25	0	QPSK	50	50	22.9	Pass
				23060	132022	QPSK	25	12	QPSK	50	50	22.84	Pass
				23060	132022	QPSK	25	25	QPSK	50	50	22.94	Pass
				23060	132022	QPSK	50	0	QPSK	50	50	21.9	Pass
				23095	132197	QPSK	1	0	QPSK	50	50	22.72	Pass
				23095	132197	QPSK	1	24	QPSK	50	50	22.91	Pass
				23095	132197	QPSK	1	49	QPSK	50	50	22.75	Pass
				23095	132197	QPSK	25	0	QPSK	50	50	22.84	Pass
				23095	132197	QPSK	25	12	QPSK	50	50	22.84	Pass
				23095	132197	QPSK	25	25	QPSK	50	50	22.95	Pass
				23095	132197	QPSK	50	0	QPSK	50	50	21.81	Pass
				23130	132372	QPSK	1	0	QPSK	50	50	22.88	Pass
				23130	132372	QPSK	1	24	QPSK	50	50	22.95	Pass
				23130	132372	QPSK	1	49	QPSK	50	50	23.06	Pass
				23130	132372	QPSK	25	0	QPSK	50	50	22.89	Pass
				23130	132372	QPSK	25	12	QPSK	50	50	22.9	Pass
				23130	132372	QPSK	25	25	QPSK	50	50	22.91	Pass
				23130	132372	QPSK	50	0	QPSK	50	50	21.93	Pass

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band12A	Band66A	5M	15M	23035	132047	QPSK	1	0	QPSK	25	75	22.72	Pass
				23035	132047	QPSK	1	12	QPSK	25	75	22.64	Pass
				23035	132047	QPSK	1	24	QPSK	25	75	22.71	Pass
				23035	132047	QPSK	12	0	QPSK	25	75	21.82	Pass
				23035	132047	QPSK	12	6	QPSK	25	75	21.8	Pass
				23035	132047	QPSK	12	13	QPSK	25	75	21.75	Pass
				23035	132047	QPSK	25	0	QPSK	25	75	21.77	Pass
				23095	132197	QPSK	1	0	QPSK	25	75	22.77	Pass
				23095	132197	QPSK	1	12	QPSK	25	75	22.77	Pass
				23095	132197	QPSK	1	24	QPSK	25	75	22.79	Pass
				23095	132197	QPSK	12	0	QPSK	25	75	21.83	Pass
				23095	132197	QPSK	12	6	QPSK	25	75	21.91	Pass
				23095	132197	QPSK	12	13	QPSK	25	75	21.9	Pass
				23095	132197	QPSK	25	0	QPSK	25	75	21.93	Pass
				23155	132347	QPSK	1	0	QPSK	25	75	22.79	Pass
				23155	132347	QPSK	1	12	QPSK	25	75	22.9	Pass
				23155	132347	QPSK	1	24	QPSK	25	75	22.93	Pass
				23155	132347	QPSK	12	0	QPSK	25	75	22.13	Pass
				23155	132347	QPSK	12	6	QPSK	25	75	22.08	Pass
				23155	132347	QPSK	12	13	QPSK	25	75	22.18	Pass
				23155	132347	QPSK	25	0	QPSK	25	75	22.03	Pass

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band12A	Band66A	5M	20M	23035	132072	QPSK	1	0	QPSK	25	100	22.73	Pass
				23035	132072	QPSK	1	12	QPSK	25	100	22.59	Pass
				23035	132072	QPSK	1	24	QPSK	25	100	22.72	Pass
				23035	132072	QPSK	12	0	QPSK	25	100	21.84	Pass
				23035	132072	QPSK	12	6	QPSK	25	100	21.82	Pass
				23035	132072	QPSK	12	13	QPSK	25	100	21.81	Pass
				23035	132072	QPSK	25	0	QPSK	25	100	21.7	Pass
				23095	132197	QPSK	1	0	QPSK	25	100	22.83	Pass
				23095	132197	QPSK	1	12	QPSK	25	100	22.82	Pass
				23095	132197	QPSK	1	24	QPSK	25	100	22.79	Pass
				23095	132197	QPSK	12	0	QPSK	25	100	21.88	Pass
				23095	132197	QPSK	12	6	QPSK	25	100	21.95	Pass
				23095	132197	QPSK	12	13	QPSK	25	100	21.85	Pass
				23095	132197	QPSK	25	0	QPSK	25	100	21.96	Pass
				23155	132322	QPSK	1	0	QPSK	25	100	22.85	Pass
				23155	132322	QPSK	1	12	QPSK	25	100	22.94	Pass
				23155	132322	QPSK	1	24	QPSK	25	100	22.94	Pass
				23155	132322	QPSK	12	0	QPSK	25	100	22.16	Pass
				23155	132322	QPSK	12	6	QPSK	25	100	22.1	Pass
				23155	132322	QPSK	12	13	QPSK	25	100	22.16	Pass
				23155	132322	QPSK	25	0	QPSK	25	100	22.08	Pass

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band12A	Band66A	10M	15M	23060	132047	QPSK	1	0	QPSK	50	75	22.76	Pass
				23060	132047	QPSK	1	24	QPSK	50	75	22.98	Pass
				23060	132047	QPSK	1	49	QPSK	50	75	22.82	Pass
				23060	132047	QPSK	25	0	QPSK	50	75	22.84	Pass
				23060	132047	QPSK	25	12	QPSK	50	75	22.86	Pass
				23060	132047	QPSK	25	25	QPSK	50	75	22.89	Pass
				23060	132047	QPSK	50	0	QPSK	50	75	21.89	Pass
				23095	132197	QPSK	1	0	QPSK	50	75	22.79	Pass
				23095	132197	QPSK	1	24	QPSK	50	75	22.9	Pass
				23095	132197	QPSK	1	49	QPSK	50	75	22.77	Pass
				23095	132197	QPSK	25	0	QPSK	50	75	22.88	Pass
				23095	132197	QPSK	25	12	QPSK	50	75	22.92	Pass
				23095	132197	QPSK	25	25	QPSK	50	75	22.91	Pass
				23095	132197	QPSK	50	0	QPSK	50	75	21.78	Pass
				23130	132347	QPSK	1	0	QPSK	50	75	22.9	Pass
				23130	132347	QPSK	1	24	QPSK	50	75	22.95	Pass
				23130	132347	QPSK	1	49	QPSK	50	75	23.06	Pass
				23130	132347	QPSK	25	0	QPSK	50	75	22.93	Pass
				23130	132347	QPSK	25	12	QPSK	50	75	22.94	Pass
				23130	132347	QPSK	25	25	QPSK	50	75	22.92	Pass
				23130	132347	QPSK	50	0	QPSK	50	75	21.96	Pass

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band12A	Band66A	10M	20M	23060	132072	QPSK	1	0	QPSK	50	100	22.74	Pass
				23060	132072	QPSK	1	24	QPSK	50	100	22.97	Pass
				23060	132072	QPSK	1	49	QPSK	50	100	22.89	Pass
				23060	132072	QPSK	25	0	QPSK	50	100	22.93	Pass
				23060	132072	QPSK	25	12	QPSK	50	100	22.84	Pass
				23060	132072	QPSK	25	25	QPSK	50	100	22.95	Pass
				23060	132072	QPSK	50	0	QPSK	50	100	21.97	Pass
				23095	132197	QPSK	1	0	QPSK	50	100	22.75	Pass
				23095	132197	QPSK	1	24	QPSK	50	100	22.87	Pass
				23095	132197	QPSK	1	49	QPSK	50	100	22.77	Pass
				23095	132197	QPSK	25	0	QPSK	50	100	22.86	Pass
				23095	132197	QPSK	25	12	QPSK	50	100	22.9	Pass
				23095	132197	QPSK	25	25	QPSK	50	100	22.94	Pass
				23095	132197	QPSK	50	0	QPSK	50	100	21.8	Pass
				23130	132322	QPSK	1	0	QPSK	50	100	22.9	Pass
				23130	132322	QPSK	1	24	QPSK	50	100	22.99	Pass
				23130	132322	QPSK	1	49	QPSK	50	100	23.01	Pass
				23130	132322	QPSK	25	0	QPSK	50	100	22.93	Pass
				23130	132322	QPSK	25	12	QPSK	50	100	22.97	Pass
				23130	132322	QPSK	25	25	QPSK	50	100	22.98	Pass
				23130	132322	QPSK	50	0	QPSK	50	100	21.92	Pass

2CA Band 30A+29A_DL CA

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band30A	Band29A	5M	5M	27685	9685	QPSK	1	0	QPSK	25	25	23.28	Pass
				27685	9685	QPSK	1	12	QPSK	25	25	23.17	Pass
				27685	9685	QPSK	1	24	QPSK	25	25	23.12	Pass
				27685	9685	QPSK	12	0	QPSK	25	25	22.17	Pass
				27685	9685	QPSK	12	6	QPSK	25	25	22.19	Pass
				27685	9685	QPSK	12	13	QPSK	25	25	22.02	Pass
				27685	9685	QPSK	25	0	QPSK	25	25	22.21	Pass
				27710	9715	QPSK	1	0	QPSK	25	25	23.31	Pass
				27710	9715	QPSK	1	12	QPSK	25	25	23.08	Pass
				27710	9715	QPSK	1	24	QPSK	25	25	23.13	Pass
				27710	9715	QPSK	12	0	QPSK	25	25	22.23	Pass
				27710	9715	QPSK	12	6	QPSK	25	25	22.25	Pass
				27710	9715	QPSK	12	13	QPSK	25	25	22.14	Pass
				27710	9715	QPSK	25	0	QPSK	25	25	22.21	Pass
				27735	9745	QPSK	1	0	QPSK	25	25	23.18	Pass
				27735	9745	QPSK	1	12	QPSK	25	25	23.15	Pass
				27735	9745	QPSK	1	24	QPSK	25	25	23.21	Pass
				27735	9745	QPSK	12	0	QPSK	25	25	22.16	Pass
				27735	9745	QPSK	12	6	QPSK	25	25	22.17	Pass
				27735	9745	QPSK	12	13	QPSK	25	25	22.14	Pass
				27735	9745	QPSK	25	0	QPSK	25	25	22.29	Pass

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band30A	Band29A	10M	10M	27710	9710	QPSK	1	0	QPSK	50	50	23.54	Pass
				27710	9710	QPSK	1	24	QPSK	50	50	23.03	Pass
				27710	9710	QPSK	1	49	QPSK	50	50	23.23	Pass
				27710	9710	QPSK	25	0	QPSK	50	50	22.44	Pass
				27710	9710	QPSK	25	12	QPSK	50	50	22.27	Pass
				27710	9710	QPSK	25	25	QPSK	50	50	22.22	Pass
				27710	9710	QPSK	50	0	QPSK	50	50	22.27	Pass
				27710	9715	QPSK	1	0	QPSK	50	50	23.53	Pass
				27710	9715	QPSK	1	24	QPSK	50	50	23.04	Pass
				27710	9715	QPSK	1	49	QPSK	50	50	23.26	Pass
				27710	9715	QPSK	25	0	QPSK	50	50	22.32	Pass
				27710	9715	QPSK	25	12	QPSK	50	50	22.24	Pass
				27710	9715	QPSK	25	25	QPSK	50	50	22.23	Pass
				27710	9715	QPSK	50	0	QPSK	50	50	22.27	Pass
				27710	9720	QPSK	1	0	QPSK	50	50	23.44	Pass
				27710	9720	QPSK	1	24	QPSK	50	50	23.12	Pass
				27710	9720	QPSK	1	49	QPSK	50	50	23.27	Pass
				27710	9720	QPSK	25	0	QPSK	50	50	22.37	Pass
				27710	9720	QPSK	25	12	QPSK	50	50	22.23	Pass
				27710	9720	QPSK	25	25	QPSK	50	50	22.24	Pass
				27710	9720	QPSK	50	0	QPSK	50	50	22.23	Pass

2CA Band 30A+66A_DL CA

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band30A	Band66A	5M	5M	27685	131997	QPSK	1	0	QPSK	25	25	23.19	Pass
				27685	131997	QPSK	1	12	QPSK	25	25	23.16	Pass
				27685	131997	QPSK	1	24	QPSK	25	25	23.07	Pass
				27685	131997	QPSK	12	0	QPSK	25	25	22.15	Pass
				27685	131997	QPSK	12	6	QPSK	25	25	22.14	Pass
				27685	131997	QPSK	12	13	QPSK	25	25	21.96	Pass
				27685	131997	QPSK	25	0	QPSK	25	25	22.16	Pass
				27710	132197	QPSK	1	0	QPSK	25	25	23.25	Pass
				27710	132197	QPSK	1	12	QPSK	25	25	23.03	Pass
				27710	132197	QPSK	1	24	QPSK	25	25	23.06	Pass
				27710	132197	QPSK	12	0	QPSK	25	25	22.19	Pass
				27710	132197	QPSK	12	6	QPSK	25	25	22.22	Pass
				27710	132197	QPSK	12	13	QPSK	25	25	22.05	Pass
				27710	132197	QPSK	25	0	QPSK	25	25	22.12	Pass
				27735	132397	QPSK	1	0	QPSK	25	25	23.18	Pass
				27735	132397	QPSK	1	12	QPSK	25	25	23.13	Pass
				27735	132397	QPSK	1	24	QPSK	25	25	23.19	Pass
				27735	132397	QPSK	12	0	QPSK	25	25	22.07	Pass
				27735	132397	QPSK	12	6	QPSK	25	25	22.05	Pass
				27735	132397	QPSK	12	13	QPSK	25	25	22.11	Pass
				27735	132397	QPSK	25	0	QPSK	25	25	22.18	Pass

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band30A	Band66A	10M	10M	27710	132022	QPSK	1	0	QPSK	50	50	23.48	Pass
				27710	132022	QPSK	1	24	QPSK	50	50	23.07	Pass
				27710	132022	QPSK	1	49	QPSK	50	50	23.16	Pass
				27710	132022	QPSK	25	0	QPSK	50	50	22.29	Pass
				27710	132022	QPSK	25	12	QPSK	50	50	22.11	Pass
				27710	132022	QPSK	25	25	QPSK	50	50	22.16	Pass
				27710	132022	QPSK	50	0	QPSK	50	50	22.19	Pass
				27710	132197	QPSK	1	0	QPSK	50	50	23.51	Pass
				27710	132197	QPSK	1	24	QPSK	50	50	23.11	Pass
				27710	132197	QPSK	1	49	QPSK	50	50	23.24	Pass
				27710	132197	QPSK	25	0	QPSK	50	50	22.29	Pass
				27710	132197	QPSK	25	12	QPSK	50	50	22.12	Pass
				27710	132197	QPSK	25	25	QPSK	50	50	22.27	Pass
				27710	132197	QPSK	50	0	QPSK	50	50	22.26	Pass
				27710	132372	QPSK	1	0	QPSK	50	50	23.4	Pass
				27710	132372	QPSK	1	24	QPSK	50	50	23.06	Pass
				27710	132372	QPSK	1	49	QPSK	50	50	23.21	Pass
				27710	132372	QPSK	25	0	QPSK	50	50	22.34	Pass
				27710	132372	QPSK	25	12	QPSK	50	50	22.23	Pass
				27710	132372	QPSK	25	25	QPSK	50	50	22.26	Pass
				27710	132372	QPSK	50	0	QPSK	50	50	22.18	Pass

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band30	Band66	5M	15M	27685	132047	QPSK	1	0	QPSK	25	75	23.2	Pass
				27685	132047	QPSK	1	12	QPSK	25	75	23.13	Pass
				27685	132047	QPSK	1	24	QPSK	25	75	23.07	Pass
				27685	132047	QPSK	12	0	QPSK	25	75	22.17	Pass
				27685	132047	QPSK	12	6	QPSK	25	75	22.14	Pass
				27685	132047	QPSK	12	13	QPSK	25	75	21.96	Pass
				27685	132047	QPSK	25	0	QPSK	25	75	22.09	Pass
				27710	132197	QPSK	1	0	QPSK	25	75	23.22	Pass
				27710	132197	QPSK	1	12	QPSK	25	75	22.96	Pass
				27710	132197	QPSK	1	24	QPSK	25	75	23.1	Pass
				27710	132197	QPSK	12	0	QPSK	25	75	22.22	Pass
				27710	132197	QPSK	12	6	QPSK	25	75	22.24	Pass
				27710	132197	QPSK	12	13	QPSK	25	75	22.03	Pass
				27710	132197	QPSK	25	0	QPSK	25	75	22.17	Pass
				27735	132347	QPSK	1	0	QPSK	25	75	23.18	Pass
				27735	132347	QPSK	1	12	QPSK	25	75	23.12	Pass
				27735	132347	QPSK	1	24	QPSK	25	75	23.25	Pass
				27735	132347	QPSK	12	0	QPSK	25	75	22.12	Pass
				27735	132347	QPSK	12	6	QPSK	25	75	22.09	Pass
				27735	132347	QPSK	12	13	QPSK	25	75	22.12	Pass
				27735	132347	QPSK	25	0	QPSK	25	75	22.18	Pass

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band30	Band66	5M	20M	27685	132072	QPSK	1	0	QPSK	25	100	23.18	Pass
				27685	132072	QPSK	1	12	QPSK	25	100	23.1	Pass
				27685	132072	QPSK	1	24	QPSK	25	100	23.06	Pass
				27685	132072	QPSK	12	0	QPSK	25	100	22.16	Pass
				27685	132072	QPSK	12	6	QPSK	25	100	22.16	Pass
				27685	132072	QPSK	12	13	QPSK	25	100	21.97	Pass
				27685	132072	QPSK	25	0	QPSK	25	100	22.14	Pass
				27710	132197	QPSK	1	0	QPSK	25	100	23.17	Pass
				27710	132197	QPSK	1	12	QPSK	25	100	22.96	Pass
				27710	132197	QPSK	1	24	QPSK	25	100	23.13	Pass
				27710	132197	QPSK	12	0	QPSK	25	100	22.19	Pass
				27710	132197	QPSK	12	6	QPSK	25	100	22.17	Pass
				27710	132197	QPSK	12	13	QPSK	25	100	22.11	Pass
				27710	132197	QPSK	25	0	QPSK	25	100	22.12	Pass
				27735	132322	QPSK	1	0	QPSK	25	100	23.24	Pass
				27735	132322	QPSK	1	12	QPSK	25	100	23.07	Pass
				27735	132322	QPSK	1	24	QPSK	25	100	23.26	Pass
				27735	132322	QPSK	12	0	QPSK	25	100	22.07	Pass
				27735	132322	QPSK	12	6	QPSK	25	100	22.03	Pass
				27735	132322	QPSK	12	13	QPSK	25	100	22.19	Pass
				27735	132322	QPSK	25	0	QPSK	25	100	22.25	Pass

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band30	Band66	10M	15M	27710	132047	QPSK	1	0	QPSK	50	75	23.51	Pass
				27710	132047	QPSK	1	24	QPSK	50	75	23	Pass
				27710	132047	QPSK	1	49	QPSK	50	75	23.14	Pass
				27710	132047	QPSK	25	0	QPSK	50	75	22.36	Pass
				27710	132047	QPSK	25	12	QPSK	50	75	22.11	Pass
				27710	132047	QPSK	25	25	QPSK	50	75	22.19	Pass
				27710	132047	QPSK	50	0	QPSK	50	75	22.12	Pass
				27710	132197	QPSK	1	0	QPSK	50	75	23.45	Pass
				27710	132197	QPSK	1	24	QPSK	50	75	23.03	Pass
				27710	132197	QPSK	1	49	QPSK	50	75	23.3	Pass
				27710	132197	QPSK	25	0	QPSK	50	75	22.26	Pass
				27710	132197	QPSK	25	12	QPSK	50	75	22.15	Pass
				27710	132197	QPSK	25	25	QPSK	50	75	22.21	Pass
				27710	132197	QPSK	50	0	QPSK	50	75	22.17	Pass
				27710	132347	QPSK	1	0	QPSK	50	75	23.41	Pass
				27710	132347	QPSK	1	24	QPSK	50	75	23.11	Pass
				27710	132347	QPSK	1	49	QPSK	50	75	23.25	Pass
				27710	132347	QPSK	25	0	QPSK	50	75	22.31	Pass
				27710	132347	QPSK	25	12	QPSK	50	75	22.2	Pass
				27710	132347	QPSK	25	25	QPSK	50	75	22.22	Pass
				27710	132347	QPSK	50	0	QPSK	50	75	22.18	Pass

Test Parameters						UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band30	Band66	10M	20M	27710	132072	QPSK	1	0	QPSK	50	100	23.49	Pass
				27710	132072	QPSK	1	24	QPSK	50	100	23.03	Pass
				27710	132072	QPSK	1	49	QPSK	50	100	23.21	Pass
				27710	132072	QPSK	25	0	QPSK	50	100	22.3	Pass
				27710	132072	QPSK	25	12	QPSK	50	100	22.09	Pass
				27710	132072	QPSK	25	25	QPSK	50	100	22.14	Pass
				27710	132072	QPSK	50	0	QPSK	50	100	22.14	Pass
				27710	132197	QPSK	1	0	QPSK	50	100	23.47	Pass
				27710	132197	QPSK	1	24	QPSK	50	100	23.1	Pass
				27710	132197	QPSK	1	49	QPSK	50	100	23.26	Pass
				27710	132197	QPSK	25	0	QPSK	50	100	22.3	Pass
				27710	132197	QPSK	25	12	QPSK	50	100	22.2	Pass
				27710	132197	QPSK	25	25	QPSK	50	100	22.28	Pass
				27710	132197	QPSK	50	0	QPSK	50	100	22.18	Pass
				27710	132322	QPSK	1	0	QPSK	50	100	23.35	Pass
				27710	132322	QPSK	1	24	QPSK	50	100	23.07	Pass
				27710	132322	QPSK	1	49	QPSK	50	100	23.24	Pass
				27710	132322	QPSK	25	0	QPSK	50	100	22.28	Pass
				27710	132322	QPSK	25	12	QPSK	50	100	22.16	Pass
				27710	132322	QPSK	25	25	QPSK	50	100	22.2	Pass
				27710	132322	QPSK	50	0	QPSK	50	100	22.15	Pass

2CA Band 66A+66A_DL CA

Test Parameters							UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	Wgap [MHz]	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band66A	Band66A	80	5M	5M	131997	67311	QPSK	1	0	QPSK	25	25	23.11	Pass
					131997	67311	QPSK	1	12	QPSK	25	25	22.75	Pass
					131997	67311	QPSK	1	24	QPSK	25	25	22.73	Pass
					131997	67311	QPSK	12	0	QPSK	25	25	21.99	Pass
					131997	67311	QPSK	12	6	QPSK	25	25	21.99	Pass
					131997	67311	QPSK	12	13	QPSK	25	25	21.94	Pass
					131997	67311	QPSK	25	0	QPSK	25	25	22	Pass
Band66A	Band66A	75	5M	10M	131997	67286	QPSK	1	0	QPSK	25	50	22.99	Pass
					131997	67286	QPSK	1	12	QPSK	25	50	22.9	Pass
					131997	67286	QPSK	1	24	QPSK	25	50	22.81	Pass
					131997	67286	QPSK	12	0	QPSK	25	50	21.98	Pass
					131997	67286	QPSK	12	6	QPSK	25	50	21.95	Pass
					131997	67286	QPSK	12	13	QPSK	25	50	21.87	Pass
					131997	67286	QPSK	25	0	QPSK	25	50	21.87	Pass
Band66A	Band66A	75	10M	5M	132022	67311	QPSK	1	0	QPSK	50	25	23.21	Pass
					132022	67311	QPSK	1	24	QPSK	50	25	22.88	Pass
					132022	67311	QPSK	1	49	QPSK	50	25	23.36	Pass
					132022	67311	QPSK	25	0	QPSK	50	25	22.13	Pass
					132022	67311	QPSK	25	12	QPSK	50	25	22.08	Pass
					132022	67311	QPSK	25	25	QPSK	50	25	22.12	Pass
					132022	67311	QPSK	50	0	QPSK	50	25	22.28	Pass
Band66A	Band66A	70	5M	15M	131997	67261	QPSK	1	0	QPSK	25	75	23.06	Pass
					131997	67261	QPSK	1	12	QPSK	25	75	22.76	Pass
					131997	67261	QPSK	1	24	QPSK	25	75	22.9	Pass
					131997	67261	QPSK	12	0	QPSK	25	75	21.96	Pass
					131997	67261	QPSK	12	6	QPSK	25	75	22.03	Pass
					131997	67261	QPSK	12	13	QPSK	25	75	21.96	Pass
					131997	67261	QPSK	25	0	QPSK	25	75	21.93	Pass

Test Parameters							UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	Wgap [MHz]	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band66A	Band66A	70	15M	5M	132047	67311	QPSK	1	0	QPSK	75	25	23.18	Pass
					132047	67311	QPSK	1	37	QPSK	75	25	23.09	Pass
					132047	67311	QPSK	1	74	QPSK	75	25	23.05	Pass
					132047	67311	QPSK	36	0	QPSK	75	25	22.23	Pass
					132047	67311	QPSK	36	19	QPSK	75	25	22.08	Pass
					132047	67311	QPSK	36	39	QPSK	75	25	21.98	Pass
					132047	67311	QPSK	75	0	QPSK	75	25	22.32	Pass
Band66A	Band66A	70	10M	10M	132022	67286	QPSK	1	0	QPSK	50	50	23.23	Pass
					132022	67286	QPSK	1	24	QPSK	50	50	22.95	Pass
					132022	67286	QPSK	1	49	QPSK	50	50	23.26	Pass
					132022	67286	QPSK	25	0	QPSK	50	50	22.31	Pass
					132022	67286	QPSK	25	12	QPSK	50	50	22.04	Pass
					132022	67286	QPSK	25	25	QPSK	50	50	22.08	Pass
					132022	67286	QPSK	50	0	QPSK	50	50	22.24	Pass
Band66A	Band66A	65	5M	20M	131997	67236	QPSK	1	0	QPSK	25	100	23.01	Pass
					131997	67236	QPSK	1	12	QPSK	25	100	22.82	Pass
					131997	67236	QPSK	1	24	QPSK	25	100	22.88	Pass
					131997	67236	QPSK	12	0	QPSK	25	100	22.06	Pass
					131997	67236	QPSK	12	6	QPSK	25	100	22	Pass
					131997	67236	QPSK	12	13	QPSK	25	100	21.98	Pass
					131997	67236	QPSK	25	0	QPSK	25	100	21.89	Pass
Band66A	Band66A	65	20M	5M	132072	67311	QPSK	1	0	QPSK	100	25	23.37	Pass
					132072	67311	QPSK	1	49	QPSK	100	25	22.94	Pass
					132072	67311	QPSK	1	99	QPSK	100	25	23.02	Pass
					132072	67311	QPSK	50	0	QPSK	100	25	22.01	Pass
					132072	67311	QPSK	50	25	QPSK	100	25	22.07	Pass
					132072	67311	QPSK	50	50	QPSK	100	25	21.88	Pass
					132072	67311	QPSK	100	0	QPSK	100	25	21.96	Pass

Test Parameters							UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	Wgap [MHz]	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band66A	Band66A	65	10M	15M	132022	67261	QPSK	1	0	QPSK	50	75	23.36	Pass
					132022	67261	QPSK	1	24	QPSK	50	75	22.85	Pass
					132022	67261	QPSK	1	49	QPSK	50	75	23.29	Pass
					132022	67261	QPSK	25	0	QPSK	50	75	22.33	Pass
					132022	67261	QPSK	25	12	QPSK	50	75	21.95	Pass
					132022	67261	QPSK	25	25	QPSK	50	75	22.15	Pass
					132022	67261	QPSK	50	0	QPSK	50	75	22.26	Pass
Band66A	Band66A	65	15M	10M	132047	67286	QPSK	1	0	QPSK	75	50	23.21	Pass
					132047	67286	QPSK	1	37	QPSK	75	50	23.16	Pass
					132047	67286	QPSK	1	74	QPSK	75	50	23.01	Pass
					132047	67286	QPSK	36	0	QPSK	75	50	22.1	Pass
					132047	67286	QPSK	36	19	QPSK	75	50	22.11	Pass
					132047	67286	QPSK	36	39	QPSK	75	50	21.92	Pass
					132047	67286	QPSK	75	0	QPSK	75	50	22.3	Pass
Band66A	Band66A	60	10M	20M	132022	67236	QPSK	1	0	QPSK	50	100	23.27	Pass
					132022	67236	QPSK	1	24	QPSK	50	100	22.85	Pass
					132022	67236	QPSK	1	49	QPSK	50	100	23.28	Pass
					132022	67236	QPSK	25	0	QPSK	50	100	22.3	Pass
					132022	67236	QPSK	25	12	QPSK	50	100	22.01	Pass
					132022	67236	QPSK	25	25	QPSK	50	100	22.14	Pass
					132022	67236	QPSK	50	0	QPSK	50	100	22.19	Pass
Band66A	Band66A	60	20M	10M	132072	67286	QPSK	1	0	QPSK	100	50	23.36	Pass
					132072	67286	QPSK	1	49	QPSK	100	50	23.08	Pass
					132072	67286	QPSK	1	99	QPSK	100	50	22.98	Pass
					132072	67286	QPSK	50	0	QPSK	100	50	21.97	Pass
					132072	67286	QPSK	50	25	QPSK	100	50	22.12	Pass
					132072	67286	QPSK	50	50	QPSK	100	50	21.97	Pass
					132072	67286	QPSK	100	0	QPSK	100	50	21.96	Pass

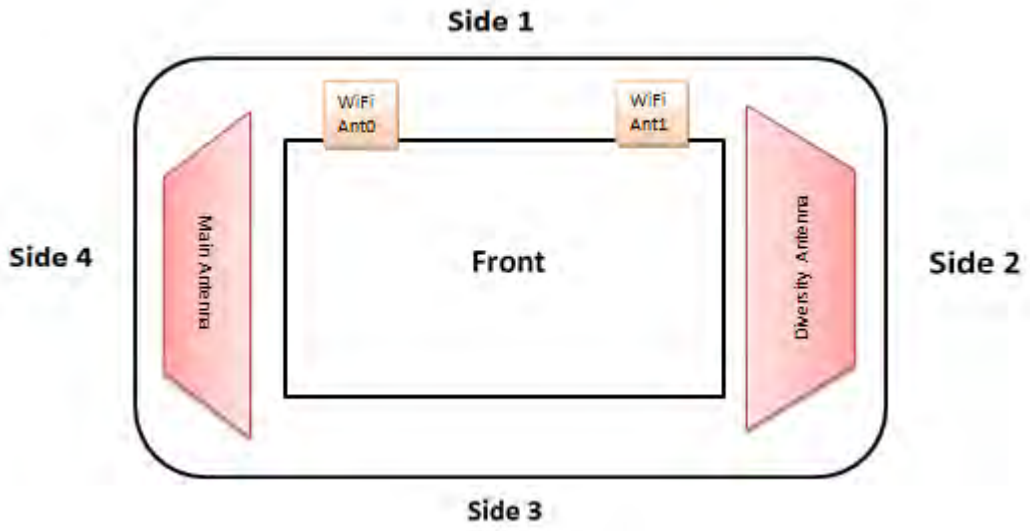
Test Parameters							UL Allocation			DL Allocation			Value	Result
PCC Band	SCC Band	Wgap [MHz]	PCC Bandwidth	SCC Bandwidth	PCC CH	SCC CH	CC Modulation	PCC NRB_alloc		CC Modulation	PCC & SCC RB allocation			
Band66A	Band66A	60	15 M	15 M	132047	67261	QPSK	1	0	QPSK	75	75	23.28	Pass
					132047	67261	QPSK	1	37	QPSK	75	75	23.2	Pass
					132047	67261	QPSK	1	74	QPSK	75	75	23.11	Pass
					132047	67261	QPSK	36	0	QPSK	75	75	22.27	Pass
					132047	67261	QPSK	36	19	QPSK	75	75	22.2	Pass
					132047	67261	QPSK	36	39	QPSK	75	75	21.96	Pass
					132047	67261	QPSK	75	0	QPSK	75	75	22.2	Pass
Band66A	Band66A	55	15 M	20 M	132047	67236	QPSK	1	0	QPSK	75	100	23.28	Pass
					132047	67236	QPSK	1	37	QPSK	75	100	23.13	Pass
					132047	67236	QPSK	1	74	QPSK	75	100	22.93	Pass
					132047	67236	QPSK	36	0	QPSK	75	100	22.28	Pass
					132047	67236	QPSK	36	19	QPSK	75	100	22.07	Pass
					132047	67236	QPSK	36	39	QPSK	75	100	21.92	Pass
					132047	67236	QPSK	75	0	QPSK	75	100	22.21	Pass
Band66A	Band66A	55	20 M	15 M	132072	67261	QPSK	1	0	QPSK	100	75	23.38	Pass
					132072	67261	QPSK	1	49	QPSK	100	75	22.9	Pass
					132072	67261	QPSK	1	99	QPSK	100	75	22.96	Pass
					132072	67261	QPSK	50	0	QPSK	100	75	22.09	Pass
					132072	67261	QPSK	50	25	QPSK	100	75	22.08	Pass
					132072	67261	QPSK	50	50	QPSK	100	75	21.86	Pass
					132072	67261	QPSK	100	0	QPSK	100	75	21.95	Pass
Band66A	Band66A	50	20 M	20 M	132072	67236	QPSK	1	0	QPSK	100	100	23.29	Pass
					132072	67236	QPSK	1	49	QPSK	100	100	22.96	Pass
					132072	67236	QPSK	1	99	QPSK	100	100	23.01	Pass
					132072	67236	QPSK	50	0	QPSK	100	100	22.16	Pass
					132072	67236	QPSK	50	25	QPSK	100	100	22.17	Pass
					132072	67236	QPSK	50	50	QPSK	100	100	21.97	Pass
					132072	67236	QPSK	100	0	QPSK	100	100	21.99	Pass

Band	Data Rate	CH	Frequency (MHz)	Average Power (dBm)		
				ANT-0	ANT-1	ANT-0+1
IEEE 802.11b	1 M	1	2412.0	8.41	8.37	---
		6	2437.0	8.10	8.33	---
		11	2462.0	8.19	8.57	---
	2 M	6	2437.0	8.09	8.31	---
	5.5 M	6	2437.0	8.08	8.29	---
	11 M	6	2437.0	8.06	8.28	---
IEEE 802.11g	6 M	1	2412.0	8.11	8.09	11.11
		6	2437.0	8.07	8.47	11.28
		11	2462.0	8.33	8.85	11.61
	9 M	6	2437.0	8.05	8.45	11.26
	12 M	6	2437.0	8.04	8.43	11.25
	18 M	6	2437.0	8.01	8.42	11.23
	24 M	6	2437.0	8.00	8.41	11.22
	36 M	6	2437.0	7.99	8.39	11.20
	48 M	6	2437.0	7.97	8.38	11.19
	54 M	6	2437.0	7.96	8.36	11.17
IEEE 802.11n 2.4 GHz 20 MHz	13 M	1	2412.0	8.11	8.08	11.11
		6	2437.0	8.22	8.79	11.52
		11	2462.0	8.37	8.86	11.63
	28.8 M	6	2437.0	8.19	8.77	11.50
	43.4 M	6	2437.0	8.17	8.75	11.48
	57.8 M	6	2437.0	8.14	8.72	11.45
	86.6 M	6	2437.0	8.12	8.69	11.42
	115.6 M	6	2437.0	8.09	8.67	11.40
	130 M	6	2437.0	8.06	8.65	11.38
	144.4 M	6	2437.0	8.05	8.61	11.35
IEEE 802.11n 2.4 GHz 40 MHz	27 M	3	2422.0	8.39	8.64	11.53
		6	2437.0	8.02	8.81	11.44
		9	2452.0	8.06	8.84	11.48
	60 M	6	2437.0	7.99	8.77	11.41
	90 M	6	2437.0	7.96	8.75	11.38
	120 M	6	2437.0	7.92	8.71	11.34
	180 M	6	2437.0	7.89	8.69	11.32
	240 M	6	2437.0	7.87	8.66	11.29
	270 M	6	2437.0	7.84	8.64	11.27
	300 M	6	2437.0	7.81	8.61	11.24

Band	Data Rate	CH	Frequency (MHz)	Average Power (dBm)		
				ANT-0	ANT-1	ANT-0+1
IEEE 802.11a	6 M	36	5180.0	9.12	9.19	12.17
		40	5200.0	9.15	9.09	12.13
		44	5220.0	9.11	9.16	12.15
		48	5240.0	9.17	9.27	**12.23**
		149	5745.0	9.02	9.34	12.19
		153	5765.0	9.05	9.38	12.23
		157	5785.0	9.03	9.44	12.25
		161	5805.0	9.01	9.38	12.21
		165	5825.0	9.14	9.40	**12.28**
	54 M	36	5180.0	9.08	9.15	12.13
		40	5200.0	9.11	9.02	12.08
		44	5220.0	9.05	9.13	12.10
		48	5240.0	9.14	9.20	12.18
		149	5745.0	8.98	9.25	12.13
		153	5765.0	9.00	9.34	12.18
		157	5785.0	8.95	9.39	12.19
		161	5805.0	8.94	9.31	12.14
		165	5825.0	9.05	9.32	12.20
IEEE 802.11ac 20 MHz	13 M	36	5180.0	9.41	9.46	12.45
		40	5200.0	9.33	9.43	12.39
		44	5220.0	9.35	9.44	12.41
		48	5240.0	9.39	9.59	**12.50**
		149	5745.0	9.11	9.80	12.48
		153	5765.0	9.19	9.85	12.54
		157	5785.0	9.32	9.91	**12.64**
		161	5805.0	9.31	9.87	12.61
		165	5825.0	9.36	9.89	12.64
	173.4 M	36	5180.0	9.19	9.28	12.25
		40	5200.0	9.16	9.21	12.20
		44	5220.0	9.13	9.26	12.21
		48	5240.0	9.21	9.41	12.32
		149	5745.0	8.93	9.63	12.30
		153	5765.0	8.96	9.68	12.35
		157	5785.0	9.10	9.71	12.43
		161	5805.0	9.06	9.65	12.38
		165	5825.0	9.13	9.71	12.44
IEEE 802.11ac 40 MHz	27 M	38	5190.0	8.44	8.52	11.49
		46	5230.0	9.44	9.64	**12.55**
		151	5755.0	9.23	9.73	12.50
		159	5795.0	9.33	9.85	**12.61**
	400 M	38	5190.0	8.15	8.23	11.20
		46	5230.0	9.19	9.35	12.28
		151	5755.0	8.89	9.36	12.14
		159	5795.0	9.08	9.59	12.35
IEEE 802.11ac 80 MHz	58.6 M	42	5210.0	6.74	6.91	**9.84**
		155	5775.0	9.42	9.92	**12.69**
	866.6 M	42	5210.0	6.19	6.41	9.31
		155	5775.0	8.91	9.38	12.16

6.10 Antenna location

Antenna-User						
Antenna	Front (mm)	Back (mm)	Side 1 (mm)	Side 2 (mm)	Side 3 (mm)	Side 4 (mm)
WWAN Ant-0	2.74	4.02	5.55	89.11	3.09	2.02
WLAN Ant-0	5.98	9.44	2.19	75.27	59.55	23.22
WLAN Ant-1	5.98	9.44	2.19	22.77	59.55	75.7



Note : DIV antenna does not have the transmitter function.

6.11 Stand-alone SAR Evaluate

Transmitter and antenna implementation as below:

Band	WWAN Ant-0	WLAN Ant-0	WLAN Ant-1
WWAN	V	---	---
WLAN	---	V	V

Stand-alone transmission configurations as below:

Band	Front	Back	Side 1	Side 2	Side 3	Side 4
LTE Band 2	V	V	V	---	V	V
LTE Band 4	V	V	V	---	V	V
LTE Band 5	V	V	V	---	V	V
LTE Band 7	V	V	V	---	V	V
LTE Band 12	V	V	V	---	V	V
LTE Band 14	V	V	V	---	V	V
LTE Band 30	V	V	V	---	V	V
LTE Band 66	V	V	V	---	V	V
IEEE 802.11b	V	V	V	V	V	V
IEEE 802.11g	---	---	---	---	---	---
IEEE 802.11n 2.4 GHz 20 MHz	---	---	---	---	---	---
IEEE 802.11n 2.4 GHz 40 MHz	---	---	---	---	---	---
IEEE 802.11a	---	---	---	---	---	---
IEEE 802.11ac 20 MHz	---	---	---	---	---	---
IEEE 802.11ac 40 MHz	---	---	---	---	---	---
IEEE 802.11ac 80 MHz	V	V	V	V	V	V

Note: The "-" on behalf of Stand-alone SAR is not required (Refer to KDB447498 D01 v06 4.3.1 for the Standalone SAR test exclusion considerations)

Ant. Used	Band	Frequency	Tune-Power		Distance of Ant. To User (mm)					
		(GHz)	(dBm)	(mW)	Front	Back	Side1	Side2	Side3	Side4
WWAN Ant-0	WCDMA II	1.91	24	251	5	5	5.55	89.11	5	5
	WCDMA V	0.849	24	251	5	5	5.55	89.11	5	5
	LTE Band 2	1.91	24	251	5	5	5.55	89.11	5	5
	LTE Band 4	1.755	24	251	5	5	5.55	89.11	5	5
	LTE Band 5	0.849	24	251	5	5	5.55	89.11	5	5
	LTE Band 7	2.57	24	251	5	5	5.55	89.11	5	5
	LTE Band 12	0.716	23.5	224	5	5	5.55	89.11	5	5
	LTE Band 14	0.798	23.5	224	5	5	5.55	89.11	5	5
	LTE Band 30	2.315	24	251	5	5	5.55	89.11	5	5
	LTE Band 66	1.78	24	251	5	5	5.55	89.11	5	5
WLAN Ant-0	2.4 GHz WLAN Ant-0	2.462	10	10	5.98	9.44	5	75.27	59.55	23.22
	2. 4 GHz WLAN Ant-1	2.462	10	10	5.98	9.44	5	75.27	59.55	23.22
	2. 4 GHz WLAN Ant-0+1	2.462	10	10	5.98	9.44	5	75.27	59.55	23.22
	5 GHz WLAN Ant-0	5.825	10	10	5.98	9.44	5	75.27	59.55	23.22
	5 GHz WLAN Ant-1	5.825	10	10	5.98	9.44	5	75.27	59.55	23.22
	5 GHz WLAN Ant-0+1	5.825	10	10	5.98	9.44	5	75.27	59.55	23.22
WLAN Ant-1	2.4 GHz WLAN Ant-0	2.462	10	10	5.98	9.44	5	22.77	59.55	75.7
	2. 4 GHz WLAN Ant-1	2.462	10	10	5.98	9.44	5	22.77	59.55	75.7
	2. 4 GHz WLAN Ant-0+1	2.462	10	10	5.98	9.44	5	22.77	59.55	75.7
	5 GHz WLAN Ant-0	5.825	10	10	5.98	9.44	5	22.77	59.55	75.7
	5 GHz WLAN Ant-1	5.825	10	10	5.98	9.44	5	22.77	59.55	5.825
	5 GHz WLAN Ant-0+1	5.825	10	10	5.98	9.44	5	22.77	59.55	75.7

Ant. Used	Band	Frequency	Tune-Power		Calculated value and evaluated result (mW)					
		(GHz)	(dBm)	(mW)	Front	Back	Side1	Side2	Side3	Side4
WWAN Ant-0	WCDMA II	1.91	24	251	69.4	69.4	62.5	499.6	69.4	69.4
					MEASURE	MEASURE	MEASURE	EXEMPT	MEASURE	MEASURE
	WCDMA V	0.849	24	251	46.3	46.3	41.7	384.2	46.3	46.3
					MEASURE	MEASURE	MEASURE	EXEMPT	MEASURE	MEASURE
	LTE Band 2	1.91	24	251	69.4	69.4	62.5	499.6	69.4	69.4
					MEASURE	MEASURE	MEASURE	EXEMPT	MEASURE	MEASURE
	LTE Band 4	1.755	24	251	66.5	66.5	59.9	504.3	66.5	66.5
					MEASURE	MEASURE	MEASURE	EXEMPT	MEASURE	MEASURE
	LTE Band 5	0.849	24	251	46.3	46.3	41.7	384.2	46.3	46.3
					MEASURE	MEASURE	MEASURE	EXEMPT	MEASURE	MEASURE
	LTE Band 7	2.57	24	251	80.5	80.5	72.5	484.7	80.5	80.5
					MEASURE	MEASURE	MEASURE	EXEMPT	MEASURE	MEASURE
	LTE Band 12	0.716	23.5	224	37.9	37.9	34.2	364	37.9	37.9
					MEASURE	MEASURE	MEASURE	EXEMPT	MEASURE	MEASURE
	LTE Band 14	0.798	23.5	224	40	40	36.1	376	40	40
					MEASURE	MEASURE	MEASURE	EXEMPT	MEASURE	MEASURE
	LTE Band 30	2.315	24	251	76.4	76.4	68.8	489.7	76.4	76.4
					MEASURE	MEASURE	MEASURE	EXEMPT	MEASURE	MEASURE
	LTE Band 66	1.78	24	251	67	67	60.3	503.5	67	67
					MEASURE	MEASURE	MEASURE	EXEMPT	MEASURE	MEASURE
WLAN Ant-0	2.4GHz WLAN ANT-0	2.462	10	10	2.6	1.7	3.1	348.3	191.1	0.7
					EXEMPT	EXEMPT	MEASURE	EXEMPT	EXEMPT	EXEMPT
	2.4GHz WLAN ANT-1	2.462	10	10	2.6	1.7	3.1	348.3	191.1	0.7
					EXEMPT	EXEMPT	MEASURE	EXEMPT	EXEMPT	EXEMPT
	2.4GHz WLAN ANT-0+1	2.462	10	10	2.6	1.7	3.1	348.3	191.1	0.7
					EXEMPT	EXEMPT	MEASURE	EXEMPT	EXEMPT	EXEMPT
	5GHz WLAN ANT-0	5.825	10	10	4	2.6	4.8	314.9	157.7	1
					MEASURE	EXEMPT	MEASURE	EXEMPT	EXEMPT	EXEMPT
	5GHz WLAN ANT-1	5.825	10	10	4	2.6	4.8	314.9	157.7	1
					MEASURE	EXEMPT	MEASURE	EXEMPT	EXEMPT	EXEMPT
	5GHz WLAN ANT-0+1	5.825	10	10	4	2.6	4.8	314.9	157.7	1
					MEASURE	EXEMPT	MEASURE	EXEMPT	EXEMPT	EXEMPT
WLAN Ant-1	2.4GHz WLAN ANT-0	2.462	10	10	2.6	1.7	3.1	0.7	191.1	352.6
					EXEMPT	EXEMPT	MEASURE	EXEMPT	EXEMPT	EXEMPT
	2.4GHz WLAN ANT-1	2.462	10	10	2.6	1.7	3.1	0.7	191.1	352.6
					EXEMPT	EXEMPT	MEASURE	EXEMPT	EXEMPT	EXEMPT
	2.4GHz WLAN ANT-0+1	2.462	10	10	2.6	1.7	3.1	0.7	191.1mW	352.6mW
					EXEMPT	EXEMPT	MEASURE	EXEMPT	EXEMPT	EXEMPT
	5GHz WLAN ANT-0	5.825	10	10	4	2.6	4.8	1.1	157.7	319.2
					MEASURE	EXEMPT	MEASURE	EXEMPT	EXEMPT	EXEMPT
	5GHz WLAN ANT-1	5.825	10	10	4	2.6	4.8	1.1	157.7	319.2
					MEASURE	EXEMPT	MEASURE	EXEMPT	EXEMPT	EXEMPT
	5GHz WLAN ANT-0+1	5.825	10	10	4	2.6	4.8	1.1	157.7	319.2
					MEASURE	EXEMPT	MEASURE	EXEMPT	EXEMPT	EXEMPT

Note:

1. Calculated Value include string "mW",that is meam through compare output power with threshold, if the output power more than threshold value the SAR test should be perform. Otherwise,the SAR test could be exempt. (> 50 mm)
2. Calculated Value only inculde number format, that is mean through compare output power with threshold, if the Calculated value more than 3, the SAR test should be perform. Otherwise, the SAR test could be exempt. (<50 mm)
3. When an antenna qualifies for the standalone SAR test exclusion of KDB 447498 section 4.3.1 and also transmits simultaneously with other antennas, the standalone SAR value must be estimated according to KDB 447498 section "4.3.2. Simultaneous transmission SAR test exclusion considerations b) "
4. We used highest frequency and power,that result should be evaluated the worst case.
5. Power and distance are rounded to the nearest mW and mm before calculation.
6. The result is rounded to one decimal place for comparison.
7. For 2.4/5 GHz WLAN, we choose all sides to perform the test.

6.12 Simultaneous Transmitting Evaluate

Simultaneous transmission configurations as below:

Condition	Side	Frequency Band		
		WWAN Ant-0	WLAN Ant-0	WLAN Ant-1
1	Front	V	V	V
2	Back	V	V	V
3	1	V	V	V
4	2	V	V	V
5	3	V	V	V
6	4	V	V	V

Estimated SAR

Ant. Used	Band	Frequency	Tune-Power		Estimated SAR 1-g (W/kg)					
		(GHz)	(dBm)	(mW)	Front	Back	Side1	Side2	Side3	Side4
WWAN Ant-0	WCDMA II	1.91	24	251	---	---	---	0.4	---	---
	WCDMA V	0.849	24	251	---	---	---	0.4	---	---
	LTE Band 2	1.91	24	251	---	---	---	0.4	---	---
	LTE Band 4	1.755	24	251	---	---	---	0.4	---	---
	LTE Band 5	0.849	24	251	---	---	---	0.4	---	---
	LTE Band 7	2.57	24	251	---	---	---	0.4	---	---
	LTE Band 12	0.716	23.5	224	---	---	---	0.4	---	---
	LTE Band 14	0.798	23.5	224	---	---	---	0.4	---	---
	LTE Band 30	2.315	24	251	---	---	---	0.4	---	---
	LTE Band 66	1.78	24	251	---	---	---	0.4	---	---
WLAN Ant-0	2.4 GHz WLAN Ant-0	2.462	10	10	0.35	0.22	---	0.4	0.4	0.09
	2. 4 GHz WLAN Ant-1	2.462	10	10	0.35	0.22	---	0.4	0.4	0.09
	2. 4 GHz WLAN Ant-0+1	2.462	10	10	0.35	0.22	---	0.4	0.4	0.09
	5 GHz WLAN Ant-0	5.825	10	10	---	0.34	---	0.4	0.4	0.14
	5 GHz WLAN Ant-1	5.825	10	10	---	0.34	---	0.4	0.4	0.14
	5 GHz WLAN Ant-0+1	5.825	10	10	---	0.34	---	0.4	0.4	0.14
WLAN Ant-1	2.4 GHz WLAN Ant-0	2.462	10	10	0.35	0.22	---	0.09	0.4	0.4
	2. 4 GHz WLAN Ant-1	2.462	10	10	0.35	0.22	---	0.09	0.4	0.4
	2. 4 GHz WLAN Ant-0+1	2.462	10	10	0.35	0.22	---	0.09	0.4	0.4
	5 GHz WLAN Ant-0	5.825	10	10	---	0.34	---	0.14	0.4	0.4
	5 GHz WLAN Ant-1	5.825	10	10	---	0.34	---	0.14	0.4	0.4
	5 GHz WLAN Ant-0+1	5.825	10	10	---	0.34	---	0.14	0.4	0.4

6.12.1 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)	WWAN Ant-0		2.4 GHz WLAN Ant-0		2.4 GHz WLAN Ant-1		∑ SAR_{1g} (W/Kg)	Event
			Band	SAR_{1g} (W/Kg)	Band	SAR_{1g} (W/Kg)	Band	SAR_{1g} (W/Kg)		
Flat	Front	10	WCDMA Band II	1.372	IEEE 802.11b	0.029	IEEE 802.11b	0.022	1.584	<1.6
	Back	10	WCDMA Band V	1.093	IEEE 802.11b	0.020	IEEE 802.11b	0.009	1.258	<1.6
	Side 1	10	LTE Band 30	0.934	IEEE 802.11b	0.035	IEEE 802.11b	0.029	1.353	<1.6
	Side 2	10	WWAN Ant-0	**0.4	IEEE 802.11b	0.010	IEEE 802.11b	0.002	0.476	<1.6
	Side 3	10	WCDMA Band II	1.032	IEEE 802.11b	0.003	IEEE 802.11b	0.003	1.105	<1.6
	Side 4	10	LTE Band7	0.941	IEEE 802.11b	0.004	IEEE 802.11b	0.005	1.048	<1.6

Phantom Position		Spacing (mm)	5 GHz WLAN Ant-0		5 GHz WLAN Ant-1		∑ SAR_{1g} (W/Kg)	Event
			Band	SAR_{1g} (W/Kg)	Band	SAR_{1g} (W/Kg)		
Flat	Front	10	IEEE 802.11ac 80 MHz	0.069	IEEE 802.11ac 80 MHz	0.104	1.596	<1.6
	Back	10	IEEE 802.11ac 80 MHz	0.059	IEEE 802.11ac 80 MHz	0.086	1.267	<1.6
	Side 1	10	IEEE 802.11ac 80 MHz	0.168	IEEE 802.11ac 80 MHz	0.204	1.37	<1.6
	Side 2	10	IEEE 802.11ac 80 MHz	0.030	IEEE 802.11ac 80 MHz	0.037	0.476	<1.6
	Side 3	10	IEEE 802.11ac 80 MHz	0.036	IEEE 802.11ac 80 MHz	0.035	1.109	<1.6
	Side 4	10	IEEE 802.11ac 80 MHz	0.060	IEEE 802.11ac 80 MHz	0.041	1.051	<1.6

Note: 1. *=Estimated SAR

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

3. 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.

6.12.2 SAR to peak location separation ratio (SPLSR)

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

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

6.13 SAR test reduction according to KDB

General:

- The test data reported are the worst-case SAR value with the position set in a typical configuration. Test procedures used were according to FCC, Supplement C [June 2001], IEEE1528-2013.
- 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 1 g 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:

- When HSDPA & (HSUPA / HSPA+ uplink with QPSK) power are not more than WCDMA 12.2K RMC 0.25 dB and the SAR value of WCDMA BII/BV<1.2 W/kg ,therefore HSDPA & HSUPA / HSPA+ Stand-alone SAR is not required.
- 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.

KDB 248227:

- Refer 6.8 SAR Testing with 802.11 Transmitters.

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.
Return Loss	> 20 dB at specified verification position
Options	Dipoles for other frequencies or solutions and other calibration conditions are available upon request

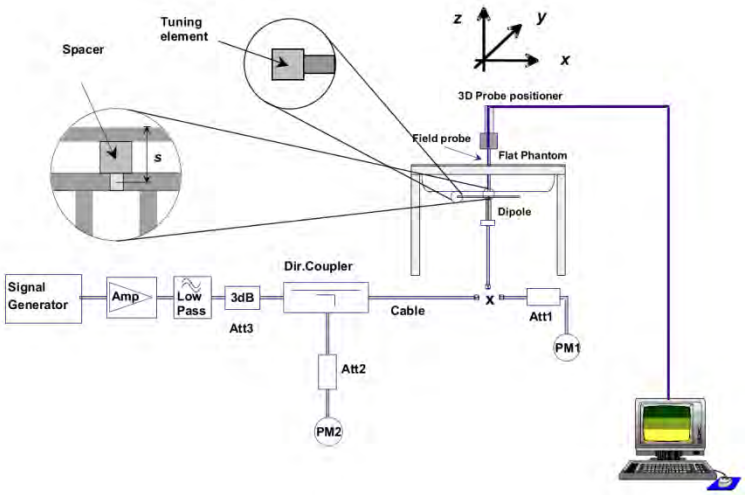


Figure 10. System Verification Setup Diagram

Figure 11. Validation Kit

7.2 Liquid Parameters

In order to comply with the target values of IEC 62209-2, we carry the same decimal place as the target value and provide it in the report. Because the gap between the values is very small, so it look same after the carry in some coefficients.

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
750 (Body)	698 MHz	22.0	εr	55.73	57.99	4.13 %	±5 %	Aug. 29, 2018
			σ	0.959	0.919	-4.17 %	±5 %	
	730 MHz	22.0	εr	55.61	56.73	1.98 %	±5 %	
			σ	0.962	0.928	-3.13 %	±5 %	
	750 MHz	22.0	εr	55.53	56.99	2.70 %	±5 %	
			σ	0.963	0.960	0.00 %	±5 %	
835 (Body)	820 MHz	22.0	εr	55.26	56.53	2.17 %	±5 %	Aug. 29, 2018
			σ	0.969	0.992	2.06 %	±5 %	
	835 MHz	22.0	εr	55.20	56.05	1.63 %	±5 %	
			σ	0.970	1.009	4.12 %	±5 %	
	850 MHz	22.0	εr	55.15	55.81	1.09 %	±5 %	
			σ	0.988	1.018	3.03 %	±5 %	
1750 (Body)	1700 MHz	22.0	εr	53.56	53.10	-0.93 %	±5 %	Aug. 20, 2018
			σ	1.457	1.412	-3.43 %	±5 %	
	1750 MHz	22.0	εr	53.43	52.98	-0.75 %	±5 %	
			σ	1.488	1.458	-2.01 %	±5 %	
	1760 MHz	22.0	εr	53.41	52.97	-0.75 %	±5 %	
			σ	1.495	1.468	-1.34 %	±5 %	
1900 (Body)	1850 MHz	22.0	εr	53.30	55.55	4.13 %	±5 %	Aug. 16, 2018
			σ	1.520	1.469	-3.29 %	±5 %	
	1900 MHz	22.0	εr	53.30	55.45	4.13 %	±5 %	
			σ	1.520	1.519	0.00 %	±5 %	
	1950 MHz	22.0	εr	53.30	55.24	3.57 %	±5 %	
			σ	1.520	1.562	2.63 %	±5 %	
2300 (Body)	2250 MHz	22.0	εr	52.97	54.63	3.02 %	±5 %	Aug. 26, 2018
			σ	1.759	1.778	1.14 %	±5 %	
	2300 MHz	22.0	εr	52.90	54.52	3.03 %	±5 %	
			σ	1.807	1.838	1.66 %	±5 %	
	2350 MHz	22.0	εr	52.83	54.35	3.03 %	±5 %	
			σ	1.854	1.898	2.70 %	±5 %	

Table 3. 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
2300 (Body)	2250 MHz	22.0	εr	52.97	54.63	3.02 %	±5 %	Aug. 26, 2018
			σ	1.759	1.778	1.14 %	±5 %	
	2300 MHz	22.0	εr	52.90	54.52	3.03 %	±5 %	
			σ	1.807	1.838	1.66 %	±5 %	
	2350 MHz	22.0	εr	52.83	54.35	3.03 %	±5 %	
			σ	1.854	1.898	2.70 %	±5 %	
2450 (Body)	2400 MHz	22.0	εr	52.77	54.23	2.65 %	±5 %	Aug. 31, 2018
			σ	1.902	1.960	3.16 %	±5 %	
	2450 MHz	22.0	εr	52.70	54.02	2.47 %	±5 %	
			σ	1.950	2.022	3.59 %	±5 %	
	2500 MHz	22.0	εr	52.64	53.89	2.47 %	±5 %	
			σ	2.021	2.086	3.47 %	±5 %	
2600 (Body)	2500 MHz	22.0	εr	52.64	53.89	2.47 %	±5 %	Aug. 28, 2018
			σ	2.021	2.086	3.47 %	±5 %	
	2550 MHz	22.0	εr	52.57	53.69	2.09 %	±5 %	
			σ	2.092	2.160	3.35 %	±5 %	
	2600 MHz	22.0	εr	52.51	53.53	1.91 %	±5 %	
			σ	2.163	2.235	3.70 %	±5 %	
5200 (Body)	5150MHz	22.0	εr	49.08	48.80	-0.61 %	±5 %	Sep. 03, 2018
			σ	5.241	5.167	-1.34 %	±5 %	
	5200MHz	22.0	εr	49.01	48.77	-0.41 %	±5 %	
			σ	5.299	5.245	-0.94 %	±5 %	
	5250MHz	22.0	εr	48.95	48.59	-0.61 %	±5 %	
			σ	5.358	5.304	-1.12 %	±5 %	
5800 MHz (Body)	5750 MHz	22.0	εr	48.27	47.46	-1.66 %	±5 %	Sep. 03, 2018
			σ	5.942	6.036	1.68 %	±5 %	
	5800 MHz	22.0	εr	48.20	47.28	-1.87 %	±5 %	
			σ	6.000	6.131	2.17 %	±5 %	
	5850 MHz	22.0	εr	48.20	47.23	-2.08 %	±5 %	
			σ	6.000	6.202	3.33 %	±5 %	

Table 4. Measured Tissue dielectric parameters for body phantoms -2

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 ± 10 %. The measured SAR will be normalized to 1 W input power. The verification was performed at 750, 835, 1750, 1900, 2300, 2450, 2600, 5200 and 5800 MHz.

Mixture Type	Frequency (MHz)	Power	$SAR_{1\,g}$ (W/Kg)	$SAR_{10\,g}$ (W/Kg)	Drift (dB)	Difference percentage		Probe	Dipole	1 W Target		Date
						1 g	10 g	Model / Serial No.	Model / Serial No.	$SAR_{1\,g}$ (W/Kg)	$SAR_{10\,g}$ (W/Kg)	
Body	750	250 mW	2.2	1.49	-0.07	0.9 %	4.2 %	EX3DV4 SN3847	D750V3 SN1132	8.72	5.72	Aug. 29 2018
		Normalize to 1 Watt	8.80	5.96								
Body	835	250 mW	2.46	1.64	-0.06	1.7 %	3.1 %	EX3DV4 SN3847	D835V2 SN4d092	9.68	6.36	Aug. 29, 2018
		Normalize to 1 Watt	9.84	6.56								
Body	1750	250 mW	9.45	5.01	-0.03	2.7 %	1.7 %	EX3DV4 SN3847	D1750V2 SN1023	37.10	20.00	Aug. 20, 2018
		Normalize to 1 Watt	37.80	20.04								
Body	1900	250 mW	10.1	5.22	-0.04	0.5 %	-2.0 %	EX3DV4 SN3847	D1900V2 SN5d111	40.20	21.30	Aug. 16, 2018
		Normalize to 1 Watt	40.40	20.88								
Body	2300	250 mW	11.5	5.52	-0.02	0.0 %	-1.4 %	EX3DV4 SN3847	D2300V2 SN1005	46.00	22.40	Aug. 26, 2018
		Normalize to 1 Watt	46.00	22.08								
Body	2450	250 mW	12.6	5.84	-0.12	-1.9 %	-2.3 %	EX3DV4 SN3847	D2450V2 SN712	51.40	23.90	Aug. 31, 2018
		Normalize to 1 Watt	50.40	23.36								
Body	2600	250 mW	13.6	6.03	-0.02	-0.9 %	-1.6 %	EX3DV4 SN3847	D2600V2 SN1007	54.90	24.50	Aug. 28, 2018
		Normalize to 1 Watt	54.40	24.12								
Body	5200	100 mW	7.6	2.05	-0.16	3.1 %	-1.0 %	EX3DV4 SN3847	D5200V2 SN1021	73.70	20.70	Sep. 03, 2018
		Normalize to 1 Watt	76.00	20.50								
Body	5800	100 mW	7.71	2.17	-0.14	-0.8 %	0.9 %	EX3DV4 SN3847	D5800V2 SN1021	77.7	21.50	Sep. 03, 2018
		Normalize to 1 Watt	77.10	21.70								

7.4 Validation Summary

Per FCC KDB 865664 D02 v01r02, 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 SN:3847	750	Body	56.99	0.960	Pass	Pass	Pass	QPSK	Pass	N/A	Aug.29.2018
EX3DV4 SN:3847	835	Body	56.05	1.009	Pass	Pass	Pass	GMSK/QPSK	Pass	N/A	Aug.29.2018
EX3DV4 SN:3847	1750	Body	52.98	1.458	Pass	Pass	Pass	QPSK	Pass	N/A	Aug.20.2018
EX3DV4 SN:3847	1900	Body	55.45	1.519	Pass	Pass	Pass	GMSK/QPSK	Pass	N/A	Aug.16.2018
EX3DV4 SN:3847	2300	Body	54.52	1.838	Pass	Pass	Pass	QPSK	Pass	N/A	Aug.26.2018
EX3DV4 SN:3847	2450	Body	53.81	2.015	Pass	Pass	Pass	OFDM	Pass	N/A	Aug.31.2018
EX3DV4 SN:3847	2600	Body	53.53	2.235	Pass	Pass	Pass	QPSK	Pass	N/A	Aug.28.2018
EX3DV4 SN:3847	5200	Body	48.77	5.245	Pass	Pass	Pass	OFDM	Pass	N/A	Sep. 03, 2018
EX3DV4 SN:3847	5800	Body	47.28	6.131	Pass	Pass	Pass	OFDM	Pass	N/A	Sep. 03, 2018

8. Test Equipment List

Manufacturer	Name of Equipment	Type/Model	Serial Number	Calibration	
				Cal. Date	Cal.Period
SPEAG	750MHz System Validation Kit	D750V3	1132	12/18/2017	1 year
SPEAG	835MHz System Validation Kit	D835V2	4d092	06/20/2018	1 year
SPEAG	1750MHz System Validation Kit	D1750V2	1023	06/11/2018	1 year
SPEAG	1900MHz System Validation Kit	D1900V2	5d111	08/21/2017	1 year
SPEAG	2300MHz System Validation Kit	D2300V2	1005	09/28/2017	1 year
SPEAG	2450MHz System Validation Kit	D2450V2	712	04/09/2018	1 year
SPEAG	2600MHz System Validation Kit	D2600V2	1007	09/28/2017	1 year
SPEAG	5GHz System Validation Kit	D5GHzV2	1021	04/30/2018	1 year
SPEAG	Dosimetric E-Field Probe	EX3DV4	3847	04/26/2018	1 year
SPEAG	Data Acquisition Electronics	DAE4	541	03/22/2018	1 year
SPEAG	Measurement Server	SE UMS 011 AA	1025	NCR	
SPEAG	Device Holder	N/A	N/A	NCR	
SPEAG	Phantom	ELI V4.0	1036	NCR	
SPEAG	Robot	Staubli TX90XL	F07/564ZA1/A/01	NCR	
SPEAG	Software	DASY52 V52.10 (0)	N/A	NCR	
SPEAG	Software	SEMCAD X V14.6.10(7417)	N/A	NCR	
R&S	Wireless Communication Test Set	CMU200	112387	03/08/2018	1 year
Anritsu	Radio Communication Analyzer	MT8820C	6201342039	12/10/2017	1 year
Agilent	ENA Series Network Analyzer	E5071B	MY42404655	04/17/2018	1 year
Agilent	Dielectric Probe Kit	85070C	US99360094	NCR	
HILA	Digital Thermometer	TM-906	GF-006	05/22/2018	1 year
Agilent	Power Sensor	8481H	3318A20779	06/12/2018	1 year
Agilent	Power Meter	EDM Series E4418B	GB40206143	06/12/2018	1 year
Agilent	Signal Generator	E8257D	MY44320425	03/08/2018	1 year
Agilent	Dual Directional Coupler	778D	50334	NCR	
Woken	Dual Directional Coupler	0100AZ20200801O	11012409517	NCR	
Mini-Circuits	Power Amplifier	EMC014225P	980292	NCR	
Mini-Circuits	Power Amplifier	EMC2830P	980293	NCR	
Aisi	Attenuator	IEAT 3dB	N/A	NCR	

Table 5. 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 ±21.88 % for 300 MHz ~3 GHz and 3 GHz ~ 6 GHz ±25.37 %〔8〕.

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 ±2 dB can be expected.

Uncertainty of a Measure SAR of EUT with DASY System

Item	Uncertainty Component	Uncertainty Value	Prob. Dist	Div.	c_i (1 g)	c_i (10 g)	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	±2.9 %	Normal	1	1	1	±2.9 %	±2.9 %	89
u16	Device Holder Uncertainty	±3.6 %	Normal	1	1	1	±3.6 %	±3.6 %	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				±10.94 %	±10.71 %	380
Expanded uncertainty (95 % CONFIDENCE LEVEL)			k=2				±21.88 %	±21.41 %	

Table 6. Uncertainty Budget for frequency range 300 MHz to 3 GHz

Uncertainty of a Measure SAR of EUT with DASY System

Item	Uncertainty Component	Uncertainty Value	Prob. Dist	Div.	c_i (1 g)	c_i (10 g)	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	±2.9 %	Normal	1	1	1	±2.9 %	±2.9 %	89
u16	Device Holder Uncertainty	±3.6 %	Normal	1	1	1	±3.6 %	±3.6 %	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				±12.68 %	±12.48 %	700
Expanded uncertainty (95 % CONFIDENCE LEVEL)			k=2				±25.37 %	±24.97 %	

Table 7. Uncertainty Budget for frequency range 3 GHz to 6 GHz

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 1 g and 10 g, 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 1 g and 10 g 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 1 g and 10 g 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 1 g and 10 g

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	≦ 3 GHz	≦2 GHz	≤ 8	≤ 8	≤ 5	5*5*7	32	32	30	8	8	5
		2 G - 3 G	≤ 5	≤ 5	≤ 5	7*7*7	30	30	30	5	5	5
	3 - 6 GHz	3 - 4 GHz	≤ 5	≤ 5	≤ 4	7*7*8	30	30	28	5	5	4
		4 - 5 GHz	≤ 4	≤ 4	≤ 3	8*8*10	28	28	27	4	4	3
		5 - 6 GHz	≤ 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 1 g 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

1. When the WWAN band channel's reported SAR1g of the position is > 0.8 W/kg, low, middle and high channel are supposed to be tested.(WCDMA/LTE)
2. Require the middle channel to be tested first , if the maximum output power variation across the required test channels is > ½ dB, instead of the middle channel, the highest output power channel must be used.
3. When the overall length and width of a device is > 9 cm x 5 cm (~3.5" x 2"), a test separation distance of 10 mm is required for hotspot mode SAR measurements.
4. 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.
5. 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.
6. The procedures required for 1 RB allocation are applied to measure the SAR for QPSK with 50 % RB allocation.
7. This device only supports 4RX MIMO and DL CA, RX usually will not affect the TX function. The single band results is already worst-case.
8. When the maximum output power and tune-up tolerance specified for production units in a secondary mode is ≤ ¼ dB higher than the primary mode or when the highest reported SAR of the primary mode is scaled by the ratio of specified maximum output power and tune-up tolerance of secondary to primary mode and the adjusted SAR is ≤ 1.2 W/kg, SAR measurement is not required for the secondary mode.
9. The 3G SAR test reduction procedure is applied to HSPA (HSUPA/HSDPA with RMC) configurations with 12.2 kbps RMC as the primary mode.
10. 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.
11. When KDB Publication 447498 SAR test exclusion is applies, SAR is not required for 2.4G OFDM configuration.
12. 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.
13. SAR for the initial test configuration is measured using the highest maximum output power channel.
14. 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.
15. When the highest reported SAR for the initial test configuration, 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 configuration.

11.1 Head SAR Measurement

Evaluated head SAR is not available.

11.2 Body SAR Measurement

Evaluated body SAR is not available.

11.3 Hot-spot mode SAR Measurement

Index.	Band	Frequency		Modulation or Sub-Test	Test Position	Spacing (mm)	SAR_{1g} (W/kg)	Burst Avg Power	Max tune-up	Reported SAR_{1g} (W/kg)
		Ch.	MHz							
#2	WCDMA Band II	9262	1852.4	RMC12.2K	Front	10	1.19	23.56	24	1.317
#3	WCDMA Band II	9400	1880.0	RMC12.2K	Front	10	1.22	23.49	24	1.372
#1	WCDMA Band II	9538	1907.6	RMC12.2K	Front	10	1.21	23.66	24	1.309
#5	WCDMA Band II	9262	1852.4	RMC12.2K	Back	10	0.858	23.56	24	0.949
#6	WCDMA Band II	9400	1880.0	RMC12.2K	Back	10	0.848	23.49	24	0.954
#4	WCDMA Band II	9538	1907.6	RMC12.2K	Back	10	0.809	23.66	24	0.875
#7	WCDMA Band II	9538	1907.6	RMC12.2K	Side 1	10	0.155	23.66	24	0.168
#9	WCDMA Band II	9262	1852.4	RMC12.2K	Side 3	10	0.841	23.56	24	0.931
#10	WCDMA Band II	9400	1880.0	RMC12.2K	Side 3	10	0.857	23.49	24	0.964
#8	WCDMA Band II	9538	1907.6	RMC12.2K	Side 3	10	0.954	23.66	24	1.032
#11	WCDMA Band II	9538	1907.6	RMC12.2K	Side 4	10	0.239	23.66	24	0.258
#35	WCDMA Band V	4132	826.4	RMC12.2K	Front	10	0.842	23.51	24	0.943
#36	WCDMA Band V	4183	836.6	RMC12.2K	Front	10	0.895	23.43	24	1.021
#37	WCDMA Band V	4233	846.6	RMC12.2K	Front	10	0.864	23.29	24	1.017
#38	WCDMA Band V	4132	826.4	RMC12.2K	Back	10	0.862	23.51	24	0.965
#39	WCDMA Band V	4183	836.6	RMC12.2K	Back	10	0.898	23.43	24	1.024
#40	WCDMA Band V	4233	846.6	RMC12.2K	Back	10	0.928	23.29	24	1.093
#41	WCDMA Band V	4132	826.4	RMC12.2K	Side 1	10	0.394	23.51	24	0.441
#42	WCDMA Band V	4132	826.4	RMC12.2K	Side 3	10	0.381	23.51	24	0.427
#43	WCDMA Band V	4132	826.4	RMC12.2K	Side 4	10	0.258	23.51	24	0.289

Index.	Band	Frequency		BW (MHz)	RB Size	RB Offset	Test Position	Spacing (mm)	SAR_{1g} (W/kg)	Burst Avg Power	Max tune-up	Reported SAR_{1g} (W/kg)
		Ch.	MHz									
#13	LTE Band 2 (QPSK)	18700	1860.0	20	1	99	Front	10	0.986	23.42	24	1.127
#12	LTE Band 2 (QPSK)	18900	1880.0	20	1	99	Front	10	1.05	23.68	24	1.130
#14	LTE Band 2 (QPSK)	19100	1900.0	20	1	99	Front	10	1.06	23.64	24	1.152
#48	LTE Band 2 (QPSK)	18700	1860.0	20	1	99	Back	10	0.792	23.42	24	0.905
#47	LTE Band 2 (QPSK)	18900	1880.0	20	1	99	Back	10	0.829	23.68	24	0.892
#49	LTE Band 2 (QPSK)	19100	1900.0	20	1	99	Back	10	0.781	23.64	24	0.848
#50	LTE Band 2 (QPSK)	18900	1880.0	20	1	99	Side 1	10	0.161	23.68	24	0.173
#52	LTE Band 2 (QPSK)	18700	1860.0	20	1	99	Side 3	10	0.78	23.42	24	0.891
#51	LTE Band 2 (QPSK)	18900	1880.0	20	1	99	Side 3	10	0.855	23.68	24	0.920
#53	LTE Band 2 (QPSK)	19100	1900.0	20	1	99	Side 3	10	0.912	23.64	24	0.991
#54	LTE Band 2 (QPSK)	18900	1880.0	20	1	99	Side 4	10	0.249	23.68	24	0.268
#57	LTE Band 2 (QPSK)	18700	1860.0	20	50	0	Front	10	0.786	22.46	23	0.890
#58	LTE Band 2 (QPSK)	18900	1880.0	20	50	50	Front	10	0.814	22.47	23	0.920
#56	LTE Band 2 (QPSK)	19100	1900.0	20	50	0	Front	10	0.832	22.51	23	0.931
#61	LTE Band 2 (QPSK)	19100	1900.0	20	50	0	Back	10	0.632	22.51	23	0.707
#64	LTE Band 2 (QPSK)	19100	1900.0	20	50	0	Side 1	10	0.124	22.51	23	0.139
#62	LTE Band 2 (QPSK)	19100	1900.0	20	50	0	Side 3	10	0.705	22.51	23	0.789
#55	LTE Band 2 (QPSK)	19100	1900.0	20	50	0	Side 4	10	0.191	22.51	23	0.214
#59	LTE Band 2 (QPSK)	19100	1900.0	20	100	0	Front	10	0.842	22.55	23	0.934
#60	LTE Band 2 (QPSK)	19100	1900.0	20	100	0	Back	10	0.632	22.55	23	0.701
#63	LTE Band 2 (QPSK)	19100	1900.0	20	100	0	Side 3	10	0.721	22.55	23	0.800

Index.	Band	Frequency		BW (MHz)	RB Size	RB Offset	Test Position	Spacing (mm)	SAR_{1g} (W/kg)	Burst Avg Power	Max tune-up	Reported SAR_{1g} (W/kg)
		Ch.	MHz									
#15	LTE Band 4 (QPSK)	20050	1720.0	20	1	0	Front	10	0.952	23.65	24	1.032
#16	LTE Band 4 (QPSK)	20175	1732.5	20	1	0	Front	10	0.966	23.57	24	1.067
#17	LTE Band 4 (QPSK)	20300	1745.0	20	1	0	Front	10	0.918	23.58	24	1.011
#18	LTE Band 4 (QPSK)	20050	1720.0	20	1	0	Back	10	0.853	23.65	24	0.925
#19	LTE Band 4 (QPSK)	20175	1732.5	20	1	0	Back	10	0.87	23.57	24	0.961
#20	LTE Band 4 (QPSK)	20300	1745.0	20	1	0	Back	10	0.839	23.58	24	0.924
#31	LTE Band 4 (QPSK)	20050	1720.0	20	1	0	Side 1	10	0.139	23.65	24	0.151
#21	LTE Band 4 (QPSK)	20050	1720.0	20	1	0	Side 3	10	0.63	23.65	24	0.683
#33	LTE Band 4 (QPSK)	20050	1720.0	20	1	0	Side 4	10	0.531	23.65	24	0.576
#23	LTE Band 4 (QPSK)	20050	1720.0	20	50	25	Front	10	0.755	22.39	23	0.869
#24	LTE Band 4 (QPSK)	20175	1732.5	20	50	0	Front	10	0.787	22.45	23	0.893
#22	LTE Band 4 (QPSK)	20300	1745.0	20	50	0	Front	10	0.808	22.64	23	0.878
#27	LTE Band 4 (QPSK)	20050	1720.0	20	50	0	Back	10	0.706	22.43	23	0.805
#28	LTE Band 4 (QPSK)	20175	1732.5	20	50	0	Back	10	0.716	22.45	23	0.813
#26	LTE Band 4 (QPSK)	20300	1745.0	20	50	0	Back	10	0.752	22.64	23	0.817
#32	LTE Band 4 (QPSK)	20300	1745.0	20	50	0	Side 1	10	0.129	22.64	23	0.140
#30	LTE Band 4 (QPSK)	20300	1745.0	20	50	0	Side 3	10	0.568	22.64	23	0.617
#34	LTE Band 4 (QPSK)	20300	1745.0	20	50	0	Side 4	10	0.381	22.64	23	0.414
#25	LTE Band 4 (QPSK)	20300	1745.0	20	100	0	Front	10	0.817	22.52	23	0.912
#29	LTE Band 4 (QPSK)	20300	1745.0	20	100	0	Back	10	0.752	22.52	23	0.840

Index.	Band	Frequency		BW (MHz)	RB Size	RB Offset	Test Position	Spacing (mm)	SAR_{1g} (W/kg)	Burst Avg Power	Max tune-up	Reported SAR_{1g} (W/kg)
		Ch.	MHz									
#135	LTE Band 5 (QPSK)	20450	829.0	10	1	24	Front	10	0.785	22.93	24	1.004
#136	LTE Band 5 (QPSK)	20525	836.5	10	1	24	Front	10	0.809	23	24	1.018
#134	LTE Band 5 (QPSK)	20600	844.0	10	1	24	Front	10	0.838	23.09	24	1.033
#128	LTE Band 5 (QPSK)	20450	829.0	10	1	24	Back	10	0.795	22.93	24	1.017
#129	LTE Band 5 (QPSK)	20525	836.5	10	1	24	Back	10	0.832	23	24	1.047
#44	LTE Band 5 (QPSK)	20600	844.0	10	1	24	Back	10	0.883	23.09	24	1.089
#141	LTE Band 5 (QPSK)	20600	844.0	10	1	24	Side 1	10	0.395	23.09	24	0.487
#143	LTE Band 5 (QPSK)	20600	844.0	10	1	24	Side 3	10	0.498	23.09	24	0.614
#145	LTE Band 5 (QPSK)	20600	844.0	10	1	24	Side 4	10	0.265	23.09	24	0.327
#138	LTE Band 5 (QPSK)	20450	829.0	10	25	12	Front	10	0.696	21.96	23	0.884
#139	LTE Band 5 (QPSK)	20525	836.5	10	25	12	Front	10	0.731	21.96	23	0.929
#137	LTE Band 5 (QPSK)	20600	844.0	10	25	12	Front	10	0.735	22.1	23	0.904
#131	LTE Band 5 (QPSK)	20450	829.0	10	25	12	Back	10	0.656	21.96	23	0.833
#132	LTE Band 5 (QPSK)	20525	836.5	10	25	12	Back	10	0.686	21.96	23	0.872
#130	LTE Band 5 (QPSK)	20600	844.0	10	25	12	Back	10	0.72	22.1	23	0.886
#142	LTE Band 5 (QPSK)	20600	844.0	10	25	12	Side 1	10	0.331	22.1	23	0.407
#144	LTE Band 5 (QPSK)	20600	844.0	10	25	12	Side 3	10	0.409	22.1	23	0.503
#146	LTE Band 5 (QPSK)	20600	844.0	10	25	12	Side 4	10	0.219	22.1	23	0.269
#140	LTE Band 5 (QPSK)	20600	844.0	10	50	0	Front	10	0.734	22.07	23	0.909
#133	LTE Band 5 (QPSK)	20600	844.0	10	50	0	Back	10	0.706	22.07	23	0.875

Index.	Band	Frequency		BW (MHz)	RB Size	RB Offset	Test Position	Spacing (mm)	SAR_{1g} (W/kg)	Burst Avg Power	Max tune-up	Reported SAR_{1g} (W/kg)
		Ch.	MHz									
#103	LTE Band 7 (QPSK)	20850	2510.0	20	1	99	Front	10	0.91	23.34	24	1.059
#66	LTE Band 7 (QPSK)	21100	2535.0	20	1	99	Front	10	0.985	23.45	24	1.118
#104	LTE Band 7 (QPSK)	21350	2560.0	20	1	99	Front	10	0.616	23.41	24	0.706
#110	LTE Band 7 (QPSK)	20850	2510.0	20	1	99	Back	10	0.662	23.34	24	0.771
#67	LTE Band 7 (QPSK)	21100	2535.0	20	1	99	Back	10	0.746	23.45	24	0.847
#111	LTE Band 7 (QPSK)	21350	2560.0	20	1	99	Back	10	0.476	23.41	24	0.545
#114	LTE Band 7 (QPSK)	21100	2535.0	20	1	99	Side 1	10	0.133	23.45	24	0.151
#115	LTE Band 7 (QPSK)	20850	2510.0	20	1	99	Side 3	10	0.849	23.34	24	0.988
#68	LTE Band 7 (QPSK)	21100	2535.0	20	1	99	Side 3	10	0.704	23.45	24	0.799
#116	LTE Band 7 (QPSK)	21350	2560.0	20	1	99	Side 3	10	0.432	23.41	24	0.495
#122	LTE Band 7 (QPSK)	20850	2510.0	20	1	99	Side 4	10	0.744	23.34	24	0.866
#120	LTE Band 7 (QPSK)	21100	2535.0	20	1	99	Side 4	10	0.829	23.45	24	0.941
#123	LTE Band 7 (QPSK)	21350	2560.0	20	1	99	Side 4	10	0.754	23.41	24	0.864
#106	LTE Band 7 (QPSK)	20850	2510.0	20	50	0	Front	10	0.75	22.2	23	0.902
#107	LTE Band 7 (QPSK)	21100	2535.0	20	50	0	Front	10	0.752	22.24	23	0.896
#105	LTE Band 7 (QPSK)	21350	2560.0	20	50	0	Front	10	0.72	22.26	23	0.854
#112	LTE Band 7 (QPSK)	21350	2560.0	20	50	0	Back	10	0.628	22.26	23	0.745
#117	LTE Band 7 (QPSK)	21350	2560.0	20	50	0	Side 1	10	0.099	22.26	23	0.117
#118	LTE Band 7 (QPSK)	21350	2560.0	20	50	0	Side 3	10	0.544	22.26	23	0.645
#124	LTE Band 7 (QPSK)	20850	2510.0	20	50	0	Side 4	10	0.543	22.2	23	0.653
#125	LTE Band 7 (QPSK)	21100	2535.0	20	50	0	Side 4	10	0.607	22.24	23	0.723
#121	LTE Band 7 (QPSK)	21350	2560.0	20	50	0	Side 4	10	0.672	22.26	23	0.797
#108	LTE Band 7 (QPSK)	21100	2535.0	20	100	0	Front	10	0.757	22.29	23	0.891
#113	LTE Band 7 (QPSK)	21100	2535.0	20	100	0	Back	10	0.688	22.29	23	0.810
#119	LTE Band 7 (QPSK)	21100	2535.0	20	100	0	Side 3	10	0.661	22.29	23	0.778
#126	LTE Band 7 (QPSK)	21100	2535.0	20	100	0	Side 4	10	0.623	22.29	23	0.734

Index.	Band	Frequency		BW (MHz)	RB Size	RB Offset	Test Position	Spacing (mm)	SAR1 g (W/kg)	Burst Avg Power	Max tune-up	Reported SAR1 g (W/kg)
		Ch.	MHz									
#45	LTE Band 12 (QPSK)	23130	711.0	10	1	49	Front	10	0.71	23.12	23.5	0.775
#149	LTE Band 12 (QPSK)	23130	711.0	10	1	49	Back	10	0.711	23.12	23.5	0.776
#151	LTE Band 12 (QPSK)	23130	711.0	10	1	49	Side 1	10	0.351	23.12	23.5	0.383
#153	LTE Band 12 (QPSK)	23130	711.0	10	1	49	Side 3	10	0.433	23.12	23.5	0.473
#155	LTE Band 12 (QPSK)	23130	711.0	10	1	49	Side 4	10	0.068	23.12	23.5	0.074
#148	LTE Band 12 (QPSK)	23130	711.0	10	25	12	Front	10	0.607	23.06	23.5	0.672
#150	LTE Band 12 (QPSK)	23130	711.0	10	25	12	Back	10	0.602	23.06	23.5	0.666
#152	LTE Band 12 (QPSK)	23130	711.0	10	25	12	Side 1	10	0.291	23.06	23.5	0.322
#154	LTE Band 12 (QPSK)	23130	711.0	10	25	12	Side 3	10	0.354	23.06	23.5	0.392
#156	LTE Band 12 (QPSK)	23130	711.0	10	25	12	Side 4	10	0.057	23.06	23.5	0.063
#46	LTE Band 14 (QPSK)	23330	793.0	10	1	0	Front	10	0.807	23.01	23.5	0.903
#157	LTE Band 14 (QPSK)	23330	793.0	10	1	0	Back	10	0.798	23.01	23.5	0.893
#158	LTE Band 14 (QPSK)	23330	793.0	10	1	0	Side 1	10	0.428	23.01	23.5	0.479
#159	LTE Band 14 (QPSK)	23330	793.0	10	1	0	Side 3	10	0.594	23.01	23.5	0.665
#160	LTE Band 14 (QPSK)	23330	793.0	10	1	0	Side 4	10	0.114	23.01	23.5	0.128
#161	LTE Band 14 (QPSK)	23330	793.0	10	25	12	Front	10	0.629	22.06	22.5	0.696
#162	LTE Band 14 (QPSK)	23330	793.0	10	25	12	Back	10	0.624	22.06	22.5	0.691
#163	LTE Band 14 (QPSK)	23330	793.0	10	25	12	Side 1	10	0.313	22.06	22.5	0.346
#164	LTE Band 14 (QPSK)	23330	793.0	10	25	12	Side 3	10	0.443	22.06	22.5	0.490
#165	LTE Band 14 (QPSK)	23330	793.0	10	25	12	Side 4	10	0.088	22.06	22.5	0.097
#166	LTE Band 14 (QPSK)	23330	793.0	10	50	0	Front	10	0.623	22.05	22.5	0.691
#167	LTE Band 14 (QPSK)	23330	793.0	10	50	0	Back	10	0.623	22.05	22.5	0.691

Index.	Band	Frequency		BW (MHz)	RB Size	RB Offset	Test Position	Spacing (mm)	SAR1 g (W/kg)	Burst Avg Power	Max tune-up	Reported SAR1 g (W/kg)
		Ch.	MHz									
#90	LTE Band 30 (QPSK)	27710	2310.0	10	1	0	Front	10	0.717	23.59	24	0.788
#91	LTE Band 30 (QPSK)	27710	2310.0	10	1	0	Back	10	0.849	23.59	24	0.933
#92	LTE Band 30 (QPSK)	27710	2310.0	10	1	0	Side 1	10	0.85	23.59	24	0.934
#93	LTE Band 30 (QPSK)	27710	2310.0	10	1	0	Side 3	10	0.041	23.59	24	0.045
#94	LTE Band 30 (QPSK)	27710	2310.0	10	1	0	Side 4	10	0.428	23.59	24	0.470
#95	LTE Band 30 (QPSK)	27710	2310.0	10	25	0	Front	10	0.558	22.47	23	0.630
#96	LTE Band 30 (QPSK)	27710	2310.0	10	25	0	Back	10	0.659	22.47	23	0.745
#97	LTE Band 30 (QPSK)	27710	2310.0	10	25	0	Side 1	10	0.642	22.47	23	0.725
#98	LTE Band 30 (QPSK)	27710	2310.0	10	25	0	Side 3	10	0.034	22.47	23	0.038
#99	LTE Band 30 (QPSK)	27710	2310.0	10	25	0	Side 4	10	0.33	22.47	23	0.373
#100	LTE Band 30 (QPSK)	27710	2310.0	10	50	0	Front	10	0.547	22.35	23	0.635
#101	LTE Band 30 (QPSK)	27710	2310.0	10	50	0	Back	10	0.654	22.35	23	0.760
#102	LTE Band 30 (QPSK)	27710	2310.0	10	50	0	Side 1	10	0.626	22.35	23	0.727

Index.	Band	Frequency		BW (MHz)	RB Size	RB Offset	Test Position	Spacing (mm)	SAR_{1g} (W/kg)	Burst Avg Power	Max tune-up	Reported SAR_{1g} (W/kg)
		Ch.	MHz									
#70	LTE Band 66 (QPSK)	132072	1720.0	20	1	0	Front	10	0.988	23.57	24	1.091
#69	LTE Band 66 (QPSK)	132197	1732.5	20	1	0	Front	10	1.05	23.52	24	1.173
#71	LTE Band 66 (QPSK)	132322	1745.0	20	1	0	Front	10	1.02	23.48	24	1.150
#75	LTE Band 66 (QPSK)	132072	1720.0	20	1	0	Back	10	0.836	23.57	24	0.923
#76	LTE Band 66 (QPSK)	132197	1732.5	20	1	0	Back	10	0.858	23.52	24	0.958
#77	LTE Band 66 (QPSK)	132322	1745.0	20	1	0	Back	10	0.875	23.48	24	0.986
#83	LTE Band 66 (QPSK)	132072	1720.0	20	1	0	Side 1	10	0.139	23.57	24	0.153
#84	LTE Band 66 (QPSK)	132072	1720.0	20	1	0	Side 3	10	0.592	23.57	24	0.654
#85	LTE Band 66 (QPSK)	132072	1720.0	20	1	0	Side 4	10	0.489	23.57	24	0.540
#73	LTE Band 66 (QPSK)	132072	1720.0	20	50	0	Front	10	0.813	22.3	23	0.955
#74	LTE Band 66 (QPSK)	132197	1732.5	20	50	0	Front	10	0.816	22.35	23	0.948
#72	LTE Band 66 (QPSK)	132322	1745.0	20	50	0	Front	10	0.841	22.55	23	0.933
#79	LTE Band 66 (QPSK)	132072	1720.0	20	50	0	Back	10	0.678	22.3	23	0.797
#80	LTE Band 66 (QPSK)	132197	1732.5	20	50	0	Back	10	0.682	22.35	23	0.792
#78	LTE Band 66 (QPSK)	132322	1745.0	20	50	0	Back	10	0.724	22.55	23	0.803
#86	LTE Band 66 (QPSK)	132322	1745.0	20	50	0	Side 1	10	0.133	22.55	23	0.148
#87	LTE Band 66 (QPSK)	132322	1745.0	20	50	0	Side 3	10	0.573	22.55	23	0.636
#88	LTE Band 66 (QPSK)	132322	1745.0	20	50	0	Side 4	10	0.356	22.55	23	0.395
#82	LTE Band 66 (QPSK)	132322	1745.0	20	100	0	Front	10	0.767	22.44	23	0.873
#81	LTE Band 66 (QPSK)	132322	1745.0	20	100	0	Back	10	0.735	22.44	23	0.836

Index	Band	Frequency		Data Rate	Test Position	Spacing (mm)	SAR_{1g} (W/kg)	Burst Avg Power	Max tune-up	Duty Cycle (%)	Reported SAR_{1g} (W/kg)	Note
		Ch.	MHz									
#169	802.11b	1	2412.0	1Mbps	Front	10	0.02	8.41	10	99.5	0.029	Ant-0
#170	802.11b	1	2412.0	1Mbps	Back	10	0.014	8.41	10	99.5	0.020	Ant-0
#171	802.11b	1	2412.0	1Mbps	Side 1	10	0.024	8.41	10	99.5	0.035	Ant-0
#172	802.11b	1	2412.0	1Mbps	Side 2	10	0.00669	8.41	10	99.5	0.010	Ant-0
#173	802.11b	1	2412.0	1Mbps	Side 3	10	0.00188	8.41	10	99.5	0.003	Ant-0
#174	802.11b	1	2412.0	1Mbps	Side 4	10	0.003	8.41	10	99.5	0.004	Ant-0
#175	802.11b	11	2462.0	1Mbps	Front	10	0.016	8.57	10	99.5	0.022	Ant-1
#176	802.11b	11	2462.0	1Mbps	Back	10	0.00673	8.57	10	99.5	0.009	Ant-1
#177	802.11b	11	2462.0	1Mbps	Side 1	10	0.021	8.57	10	99.5	0.029	Ant-1
#178	802.11b	11	2462.0	1Mbps	Side 2	10	0.00112	8.57	10	99.5	0.002	Ant-1
#179	802.11b	11	2462.0	1Mbps	Side 3	10	0.00208	8.57	10	99.5	0.003	Ant-1
#180	802.11b	11	2462.0	1Mbps	Side 4	10	0.00385	8.57	10	99.5	0.005	Ant-1

Index	Band	Frequency		Data Rate	Test Position	Spacing (mm)	SAR_{1g} (W/kg)	Burst Avg Power	Max tune-up	Duty Cycle (%)	Reported SAR_{1g} (W/kg)	Note
		Ch.	MHz									
#181	802.11ac 80 MHz	42	5210.0	MCS0	Front	10	0.04	6.74	8	85.0	0.063	Ant-0
#182	802.11ac 80 MHz	42	5210.0	MCS0	Back	10	0.031	6.74	8	85.0	0.049	Ant-0
#183	802.11ac 80 MHz	42	5210.0	MCS0	Side 1	10	0.06	6.74	8	85.0	0.094	Ant-0
#184	802.11ac 80 MHz	42	5210.0	MCS0	Side 2	10	0.019	6.74	8	85.0	0.030	Ant-0
#185	802.11ac 80 MHz	42	5210.0	MCS0	Side 3	10	0.0083	6.74	8	85.0	0.013	Ant-0
#186	802.11ac 80 MHz	42	5210.0	MCS0	Side 4	10	0.016	6.74	8	85.0	0.025	Ant-0
#187	802.11ac 80 MHz	155	5775.0	MCS0	Front	10	0.051	9.42	10	85.0	0.069	Ant-0
#188	802.11ac 80 MHz	155	5775.0	MCS0	Back	10	0.044	9.42	10	85.0	0.059	Ant-0
#189	802.11ac 80 MHz	155	5775.0	MCS0	Side 1	10	0.125	9.42	10	85.0	0.168	Ant-0
#190	802.11ac 80 MHz	155	5775.0	MCS0	Side 2	10	0.016	9.42	10	85.0	0.022	Ant-0
#191	802.11ac 80 MHz	155	5775.0	MCS0	Side 3	10	0.027	9.42	10	85.0	0.036	Ant-0
#192	802.11ac 80 MHz	155	5775.0	MCS0	Side 4	10	0.045	9.42	10	85.0	0.060	Ant-0
#193	802.11ac 80 MHz	42	5210.0	MCS0	Front	10	0.069	6.91	8	85.0	0.104	Ant-1
#194	802.11ac 80 MHz	42	5210.0	MCS0	Back	10	0.042	6.91	8	85.0	0.063	Ant-1
#195	802.11ac 80 MHz	42	5210.0	MCS0	Side 1	10	0.135	6.91	8	85.0	0.204	Ant-1
#196	802.11ac 80 MHz	42	5210.0	MCS0	Side 2	10	0.018	6.91	8	85.0	0.027	Ant-1
#197	802.11ac 80 MHz	42	5210.0	MCS0	Side 3	10	0.018	6.91	8	85.0	0.027	Ant-1
#198	802.11ac 80 MHz	42	5210.0	MCS0	Side 4	10	0.021	6.91	8	85.0	0.032	Ant-1
#199	802.11ac 80 MHz	155	5775.0	MCS0	Front	10	0.081	9.92	10	85.0	0.097	Ant-1
#200	802.11ac 80 MHz	155	5775.0	MCS0	Back	10	0.072	9.92	10	85.0	0.086	Ant-1
#201	802.11ac 80 MHz	155	5775.0	MCS0	Side 1	10	0.167	9.92	10	85.0	0.200	Ant-1
#202	802.11ac 80 MHz	155	5775.0	MCS0	Side 2	10	0.031	9.92	10	85.0	0.037	Ant-1
#203	802.11ac 80 MHz	155	5775.0	MCS0	Side 3	10	0.029	9.92	10	85.0	0.035	Ant-1
#204	802.11ac 80 MHz	155	5775.0	MCS0	Side 4	10	0.034	9.92	10	85.0	0.041	Ant-1

Note: 1. According KDB 447498 D01 V06 section 4.1.4, the “Reported” explanation as below:
“When SAR or MPE is measured at or scaled to the maximum tune-up tolerance limit, the results are referred to as reported.”
2. If actual power less than tune-up power that Scaling SAR is required.
3. The formula of Reported SAR, that represent as below:
Reported SAR = Original SAR * 10^[(Tune-up power - Actual power)/10]

11.4 Extremity (wrist or ankle) SAR Measurement

Evaluated extremity SAR is not available.

11.5 SAR Variability Measurement

Detailed evaluations please refer KDB 865664 on "SAR test reduction according to KDB" section.
SAR measurement variability must be assessed for each frequency band, which is determined by the SAR probe calibration point and tissue-equivalent medium used for the device measurements. When both head and body tissue-equivalent media are required for SAR measurements in a frequency band, the variability measurement procedures should be applied to the tissue medium with the highest measured SAR, using the highest measured SAR configuration for that tissue-equivalent medium.
The following procedures are applied to determine if repeated measurements are required.
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).
3.Perform a third repeated measurement only if the original, first or second repeated measurement is ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20.

Index	Operate Band	Frequency		Modulation or Sub-Test	Test Position	Spacing (mm)	Note	Original SAR_{1g} (W/Kg)	First SAR_{1g} (W/Kg)	First Ratio SAR_{1g}
		Ch.	MHz							
#65	WCDMA Band II	9400	1880.0	RMC12.2K	Front	10	original #3_once	1.22	1.15	5.74 %
#147	WCDMA Band V	4233	846.6	RMC12.2K	Back	10	original #40_once	0.928	0.916	1.29 %

Index	Operate Band	Frequency		Bandwidth	RB Size	RB Offset	Test Phantom	Spacing (mm)	Note	Original SAR_{1g} (W/Kg)	First SAR_{1g} (W/Kg)	First Ratio SAR_{1g}
		Ch.	MHz									
#89	LTE Band 66 (QPSK)	132197	1732.5	20	1	0	Front	10	original #69_once	1.05	0.986	6.10 %
#109	LTE Band 30 (QPSK)	27710	2310	10	1	0	Side 1	10	original #92_once	0.85	0.83	2.35 %
#127	LTE Band 7 (QPSK)	21100	2535	20	1	99	Front	10	original #66_once	0.985	1.02	-3.55 %
#168	LTE Band 14 (QPSK)	23330	793	10	1	0	Front	10	original #46_once	0.807	0.775	3.97 %

11.6 Std. C95.1-1992 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 8. 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. 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

Appendix A - System Performance Check

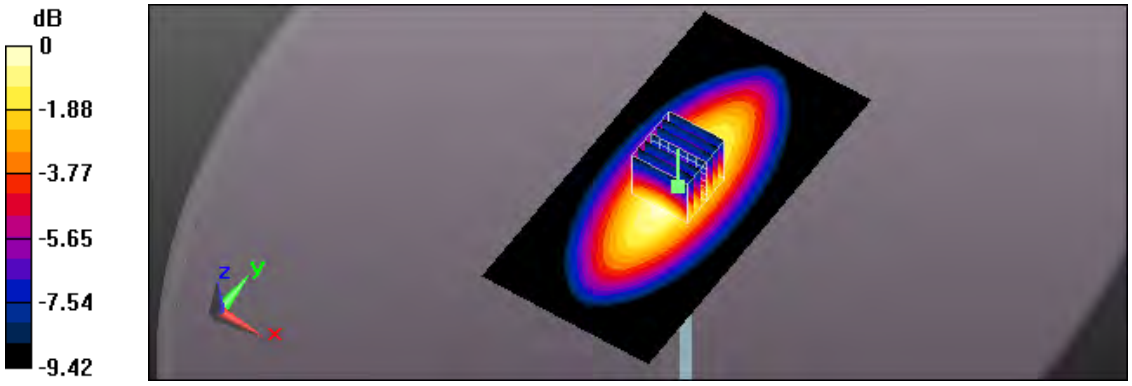
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 PM 04:59:57
System Performance Cheak at 750 MHz_20180829_Body
DUT: Dipole 750 MHz; Type: D750V3; Serial: D750V3 - SN:1132

Communication System: UID 0, CW (0); Frequency: 750 MHz;Duty Cycle: 1:1
Medium parameters used: f = 750 MHz; σ = 0.96 S/m; ε_r = 56.993; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.71, 9.71, 9.71); Calibrated: 2018/4/26;
- Sensor-Surface: 2 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

System Performance Cheak at 750 MHz/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.96 W/kg

System Performance Cheak at 750 MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 57.14 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 3.45 W/kg
SAR(1 g) = 2.2 W/kg; SAR(10 g) = 1.49 W/kg
Maximum value of SAR (measured) = 2.97 W/kg



0 dB = 2.97 W/kg = 4.73 dBW/kg

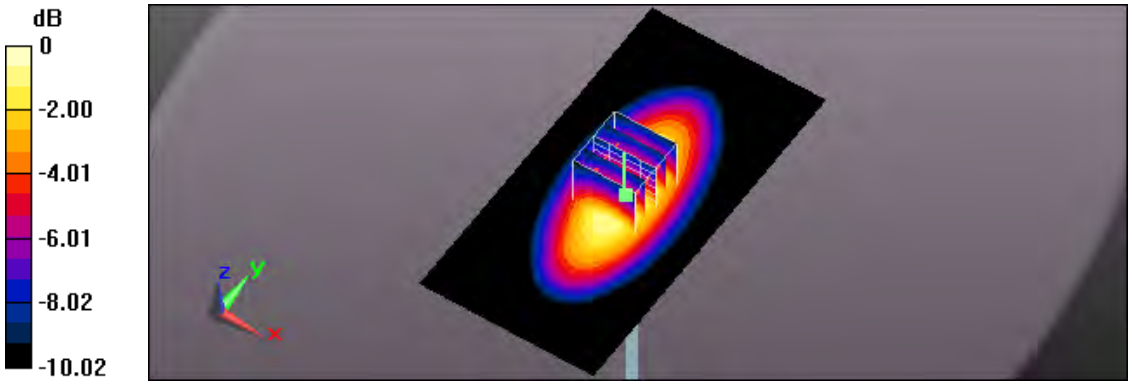
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 AM 03:38:48
System Performance Cheak at 835 MHz_20180829_Body
DUT: Dipole 835 MHz; Type: D835V2; Serial: D835V2 - SN:4d092

Communication System: UID 0, CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used: f = 835 MHz; σ = 1.009 S/m; ε_r = 56.053; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.48, 9.48, 9.48); Calibrated: 2018/4/26;
- Sensor-Surface: 2 mm (Mechanical Surface Detection), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

System Performance Cheak at 835MHz/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.03 W/kg

System Performance Cheak at 835MHz/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 55.70 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 3.61 W/kg
SAR(1 g) = 2.46 W/kg; SAR(10 g) = 1.64 W/kg
Maximum value of SAR (measured) = 3.20 W/kg



0 dB = 3.20 W/kg = 5.05 dBW/kg

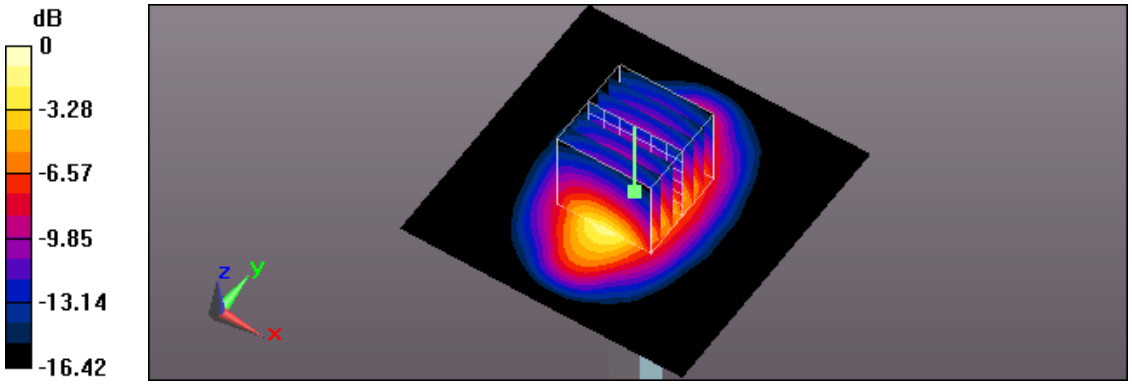
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/20 AM 05:58:11
System Performance Cheak at 1750 MHz_20180820_Body
DUT: Dipole 1750 MHz; Type: D1750V2; Serial: D1750V2 - SN:1023

Communication System: UID 0, CW (0); Frequency: 1750 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1750 MHz; σ = 1.458 S/m; ε_r = 52.98; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.91, 7.91, 7.91); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

System Performance Cheak at 1750MHz/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 14.4 W/kg

System Performance Cheak at 1750MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 103.2 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 17.0 W/kg
SAR(1 g) = 9.45 W/kg; SAR(10 g) = 5.01 W/kg
Maximum value of SAR (measured) = 14.4 W/kg



0 dB = 14.4 W/kg = 11.58 dBW/kg

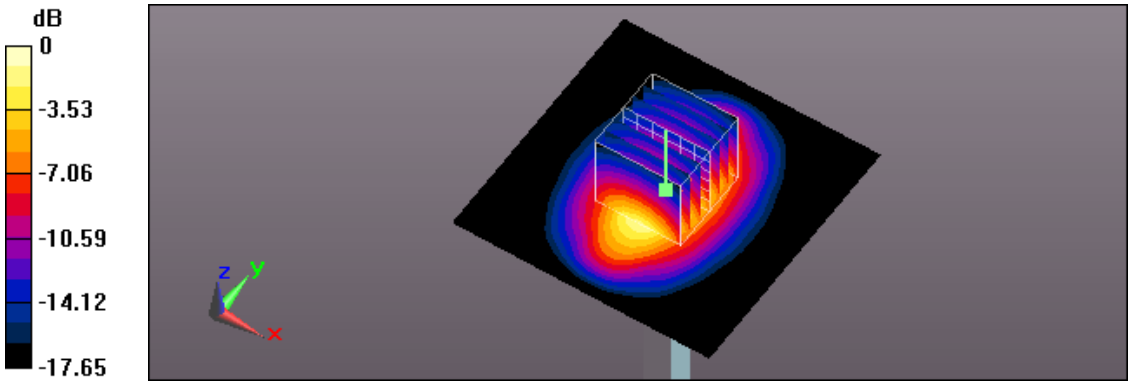
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/16 PM 03:27:20
System Performance Cheak at 1900 MHz_20180816_Body
DUT: Dipole D1900V2_SN5d111; Type: D1900V2; Serial: D1900V2 - SN:5d111

Communication System: UID 0, CW (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.519 S/m; ε_r = 55.454; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/4/26;
- Sensor-Surface: 2 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

System Performance Cheak at 1900MHz/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 14.6 W/kg

System Performance Cheak at 1900MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 99.28 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 18.7 W/kg
SAR(1 g) = 10.1 W/kg; SAR(10 g) = 5.22 W/kg
Maximum value of SAR (measured) = 14.6 W/kg



0 dB = 14.6 W/kg = 11.64 dBW/kg

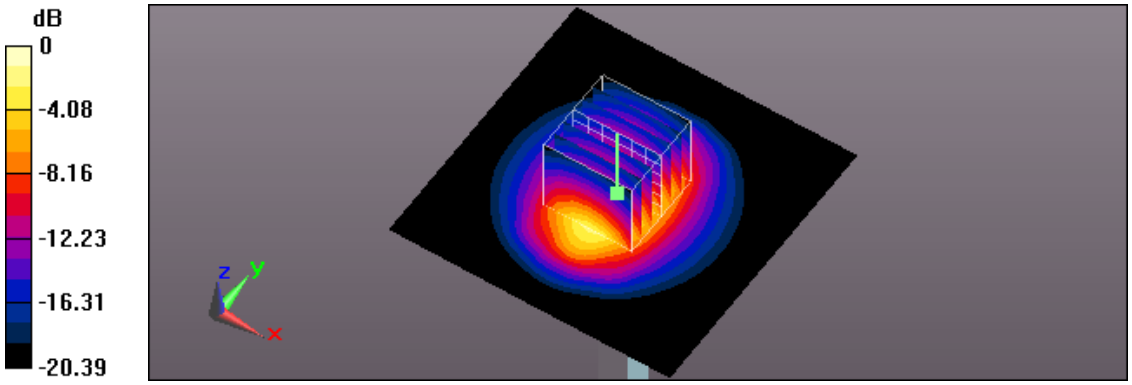
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/26 AM 05:31:33
System Performance Check at 2300 MHz_20180826_Body
DUT: Dipole 2300 MHz; Type: D2300V2; Serial: D2300V2 - SN:1005

Communication System: UID 0, CW (0); Frequency: 2300 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2300 MHz; σ = 1.838 S/m; ε_r = 54.522; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.39, 7.39, 7.39); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

System Performance Check at 2300MHz/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 18.7 W/kg

System Performance Check at 2300MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 104.7 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 22.8 W/kg
SAR(1 g) = 11.5 W/kg; SAR(10 g) = 5.52 W/kg
Maximum value of SAR (measured) = 18.7 W/kg



0 dB = 18.7 W/kg = 12.72 dBW/kg

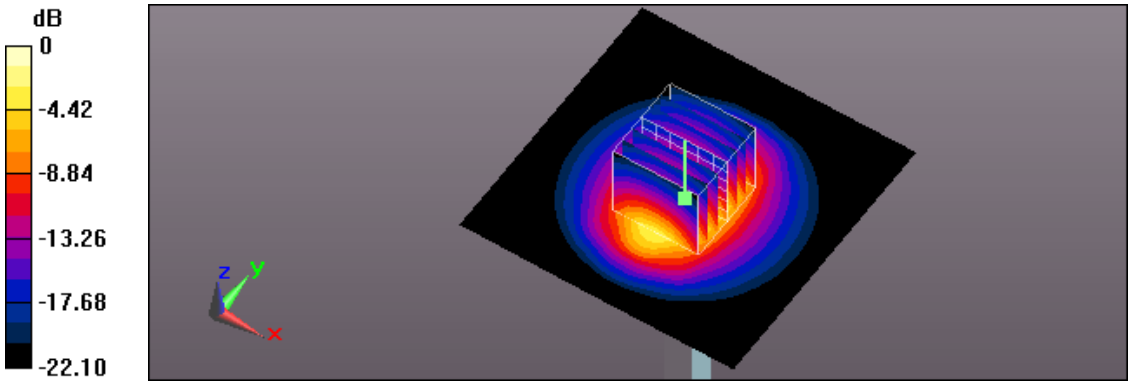
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/31 AM 03:35:06
System Performance Check at 2450 MHz_20180831_Body
DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:712

Communication System: UID 0, CW (0); Frequency: 2450 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 2.015 S/m; ε_r = 53.807; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.3, 7.3, 7.3); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

System Performance Check at 2450MHz/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 21.5 W/kg

System Performance Check at 2450MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 104.7 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 26.7 W/kg
SAR(1 g) = 12.6 W/kg; SAR(10 g) = 5.84 W/kg
Maximum value of SAR (measured) = 21.3 W/kg



0 dB = 21.3 W/kg = 13.28 dBW/kg

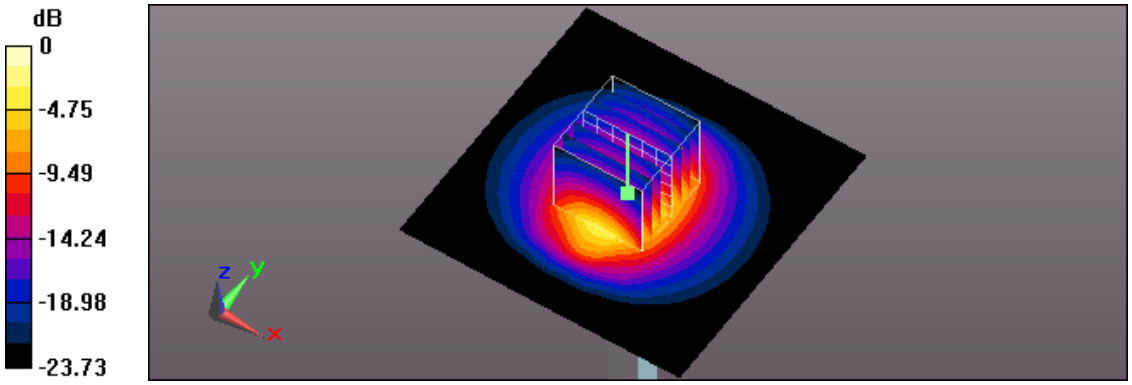
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/26 AM 05:25:08
System Performance Check at 2600 MHz_20180828_Body
DUT: Dipole 2600 MHz; Type: D2600V2; Serial: D2600V2 - SN:1007

Communication System: UID 0, CW (0); Frequency: 2600 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2600 MHz; σ = 2.235 S/m; ε_r = 53.527; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.18, 7.18, 7.18); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

System Performance Check at 2600MHz/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 23.7 W/kg

System Performance Check at 2600MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 106.3 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 29.7 W/kg
SAR(1 g) = 13.6 W/kg; SAR(10 g) = 6.03 W/kg
Maximum value of SAR (measured) = 23.5 W/kg



0 dB = 23.5 W/kg = 13.71 dBW/kg

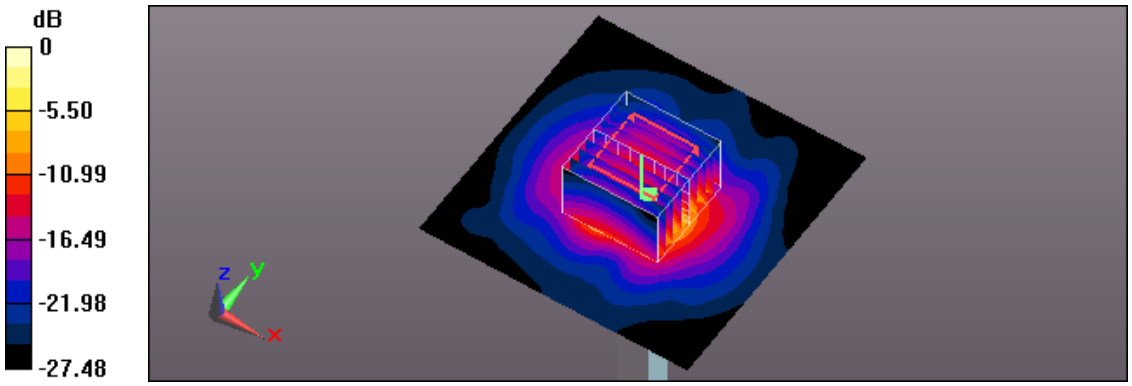
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/9/3 PM 04:38:04
System Performance Check at 5200MHz_20180903_Body
DUT: Dipole 5GHzV2; Type: D5GHz; Serial: 1021

Communication System: UID 0, CW (0); Frequency: 5200 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; σ = 5.245 S/m; ε_r = 48.766; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(4.84, 4.84, 4.84); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

System Performace Check at 5200MHz/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 13.8 W/kg

System Performace Check at 5200MHz/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4 mm, dy=4 mm, dz=1.4 mm
Reference Value = 59.40 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 17.8 W/kg
SAR(1 g) = 7.6 W/kg; SAR(10 g) = 2.05 W/kg
Maximum value of SAR (measured) = 14.3 W/kg



0 dB = 14.3 W/kg = 11.55 dBW/kg

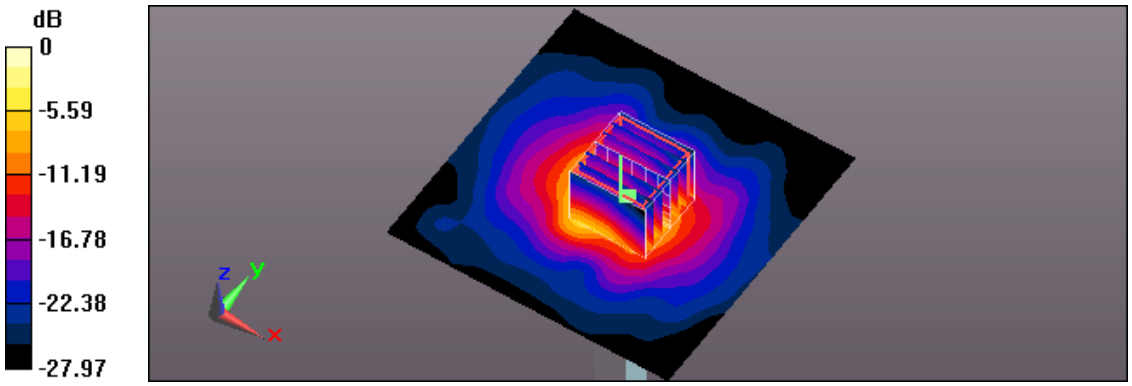
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/9/3 PM 05:38:36
System Performance Check at 5800MHz_20180903_Body
DUT: Dipole 5GHzV2; Type: D5GHz; Serial: 1021

Communication System: UID 0, CW (0); Frequency: 5800 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5800 MHz; σ = 6.131 S/m; ε_r = 47.276; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(4.29, 4.29, 4.29); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

System Performace Check at 5800MHz/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 13.0 W/kg

System Performace Check at 5800MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4 mm, dy=4 mm, dz=1.4 mm
Reference Value = 53.56 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 18.2 W/kg
SAR(1 g) = 7.71 W/kg; SAR(10 g) = 2.17 W/kg
Maximum value of SAR (measured) = 13.5 W/kg



0 dB = 13.5 W/kg = 11.30 dBW/kg

Appendix B - SAR Measurement Data

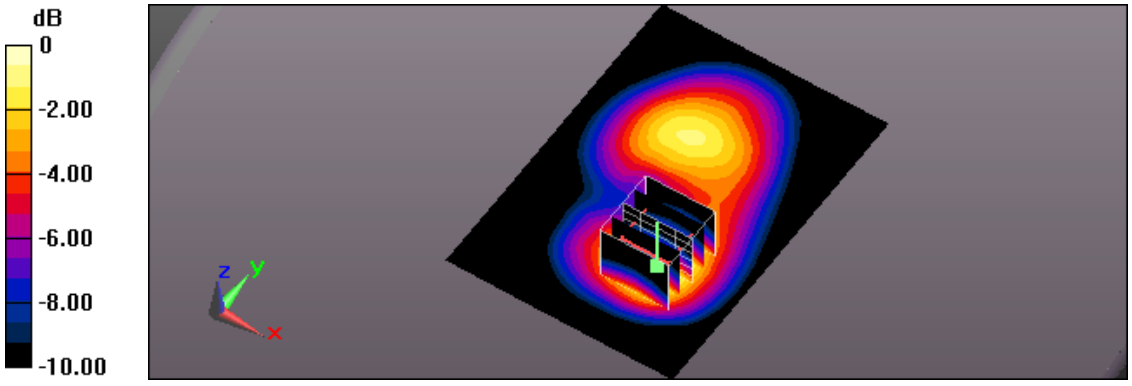
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/16 PM 04:42:05
2_WCDMA Band II CH9262_RMC12.2K_Front_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, WCDMA Band II (0); Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.472 S/m; ε_r = 55.542; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.77 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 34.34 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 2.06 W/kg
SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.695 W/kg
Maximum value of SAR (measured) = 1.73 W/kg



0 dB = 1.73 W/kg = 2.38 dBW/kg

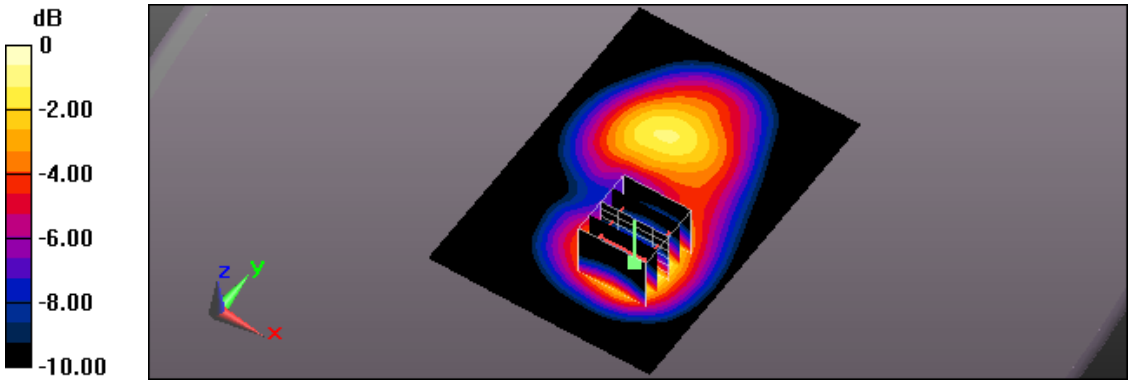
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/16 PM 05:08:18
3_WCDMA Band II CH9400_RMC12.2K_Front_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, WCDMA Band II (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.5 S/m; ε_r = 55.492; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.84 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 34.65 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 2.09 W/kg
SAR(1 g) = 1.22 W/kg; SAR(10 g) = 0.710 W/kg
Maximum value of SAR (measured) = 1.75 W/kg



0 dB = 1.75 W/kg = 2.43 dBW/kg

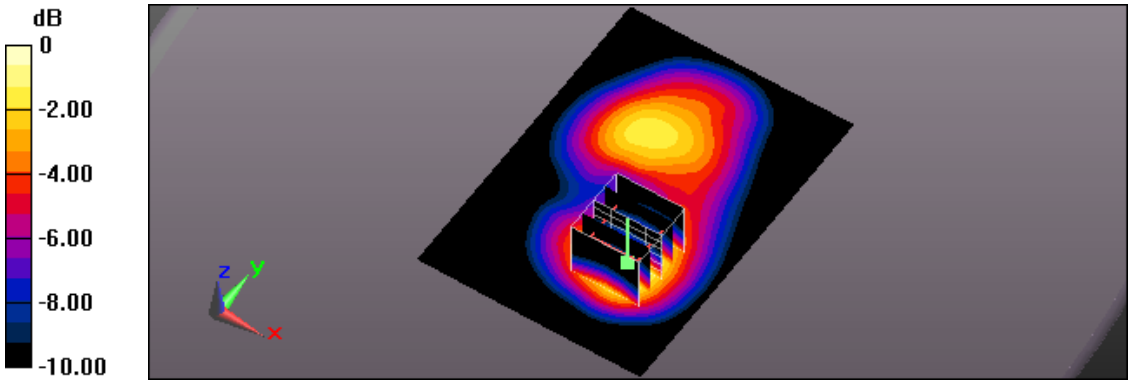
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/16 PM 03:46:07
1_WCDMA Band II CH9538_RMC12.2K_Front_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, WCDMA Band II (0); Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1908 MHz; σ = 1.526 S/m; ε_r = 55.424; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.77 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 34.30 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 2.11 W/kg
SAR(1 g) = 1.21 W/kg; SAR(10 g) = 0.703 W/kg
Maximum value of SAR (measured) = 1.76 W/kg



0 dB = 1.76 W/kg = 2.46 dBW/kg

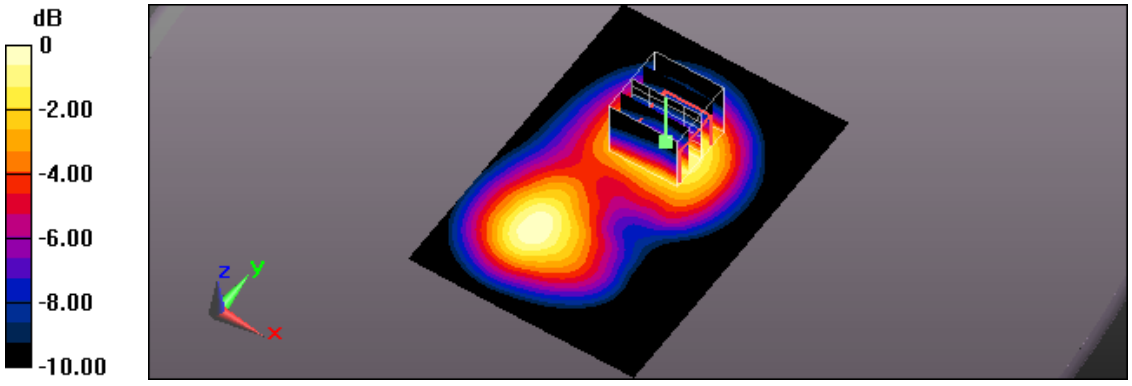
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/16 PM 06:17:36
5_WCDMA Band II CH9262_RMC12.2K_Back_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, WCDMA Band II (0); Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.472 S/m; ε_r = 55.542; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.22 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 28.46 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.44 W/kg
SAR(1 g) = 0.858 W/kg; SAR(10 g) = 0.528 W/kg
Maximum value of SAR (measured) = 1.24 W/kg



0 dB = 1.24 W/kg = 0.93 dBW/kg

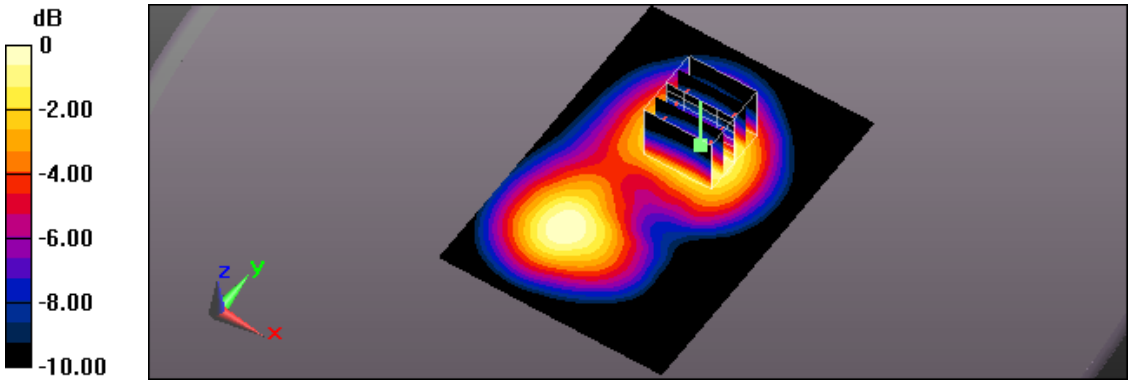
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/16 PM 06:38:30
6_WCDMA Band II CH9400_RMC12.2K_Back_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, WCDMA Band II (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.5 S/m; ε_r = 55.492; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.22 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 28.50 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.40 W/kg
SAR(1 g) = 0.848 W/kg; SAR(10 g) = 0.525 W/kg
Maximum value of SAR (measured) = 1.19 W/kg



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

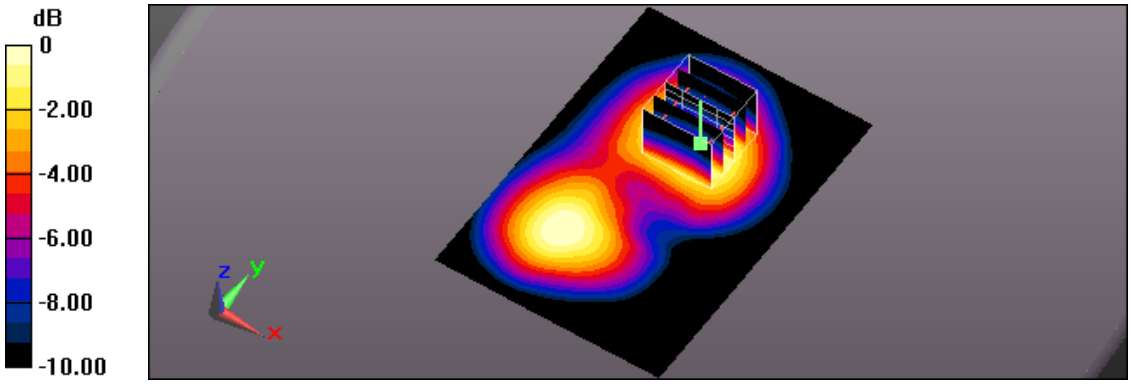
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/16 PM 05:55:14
4_WCDMA Band II CH9538_RMC12.2K_Back_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, WCDMA Band II (0); Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1908 MHz; σ = 1.526 S/m; ε_r = 55.424; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.16 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 27.96 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.36 W/kg
SAR(1 g) = 0.809 W/kg; SAR(10 g) = 0.496 W/kg
Maximum value of SAR (measured) = 1.15 W/kg



0 dB = 1.15 W/kg = 0.61 dBW/kg

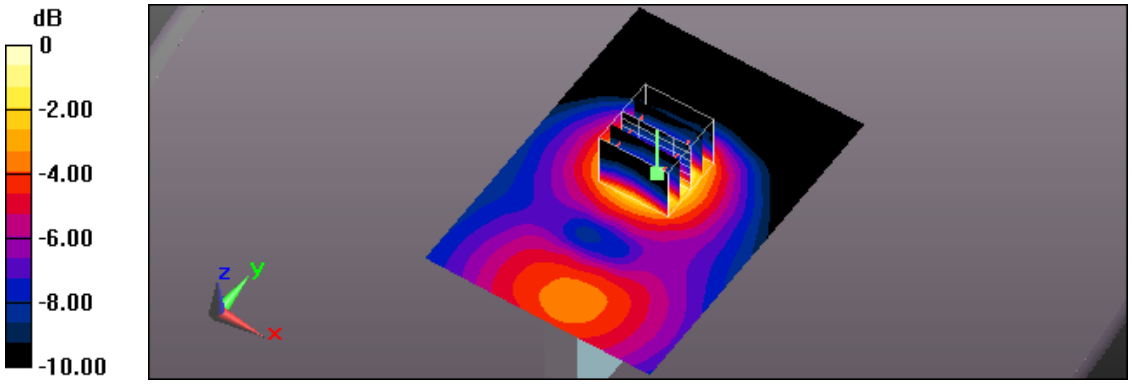
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/16 PM 07:14:17
7_WCDMA Band II CH9538_RMC12.2K_Side1_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, WCDMA Band II (0); Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1908 MHz; σ = 1.526 S/m; ε_r = 55.424; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.230 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 12.41 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.262 W/kg
SAR(1 g) = 0.155 W/kg; SAR(10 g) = 0.092 W/kg
Maximum value of SAR (measured) = 0.224 W/kg



0 dB = 0.224 W/kg = -6.50 dBW/kg

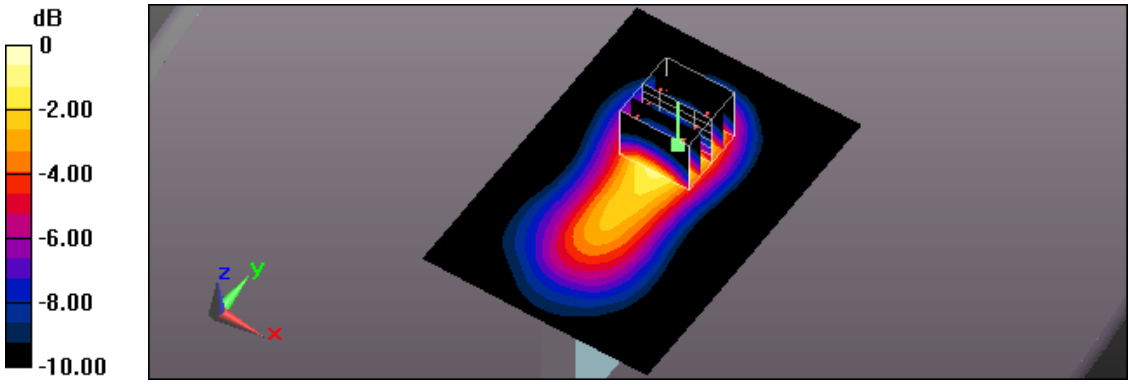
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/16 PM 07:56:30
9_WCDMA Band II CH9262_RMC12.2K_Side3_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, WCDMA Band II (0); Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.472 S/m; ε_r = 55.542; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.20 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 29.43 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 1.52 W/kg
SAR(1 g) = 0.841 W/kg; SAR(10 g) = 0.477 W/kg
Maximum value of SAR (measured) = 1.27 W/kg



0 dB = 1.27 W/kg = 1.04 dBW/kg

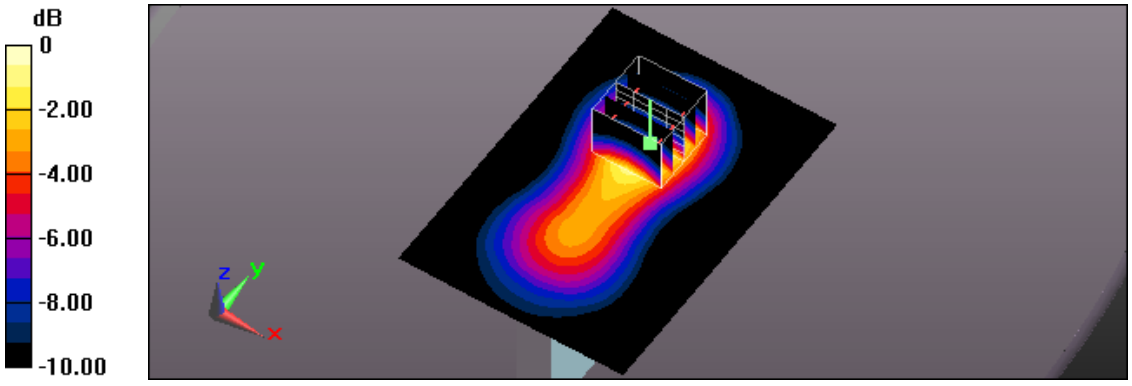
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/16 PM 08:18:16
10_WCDMA Band II CH9400_RMC12.2K_Side3_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, WCDMA Band II (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.5 S/m; ε_r = 55.492; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.28 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 29.35 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.51 W/kg
SAR(1 g) = 0.857 W/kg; SAR(10 g) = 0.497 W/kg
Maximum value of SAR (measured) = 1.26 W/kg



0 dB = 1.26 W/kg = 1.00 dBW/kg

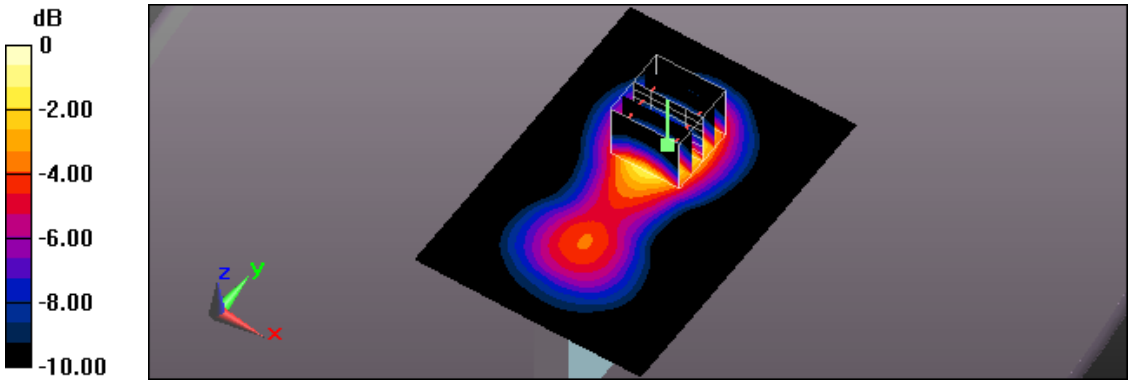
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/16 PM 07:36:27
8_WCDMA Band II CH9538_RMC12.2K_Side3_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, WCDMA Band II (0); Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1908 MHz; σ = 1.526 S/m; ε_r = 55.424; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.42 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 31.13 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.66 W/kg
SAR(1 g) = 0.954 W/kg; SAR(10 g) = 0.552 W/kg
Maximum value of SAR (measured) = 1.39 W/kg



0 dB = 1.39 W/kg = 1.43 dBW/kg

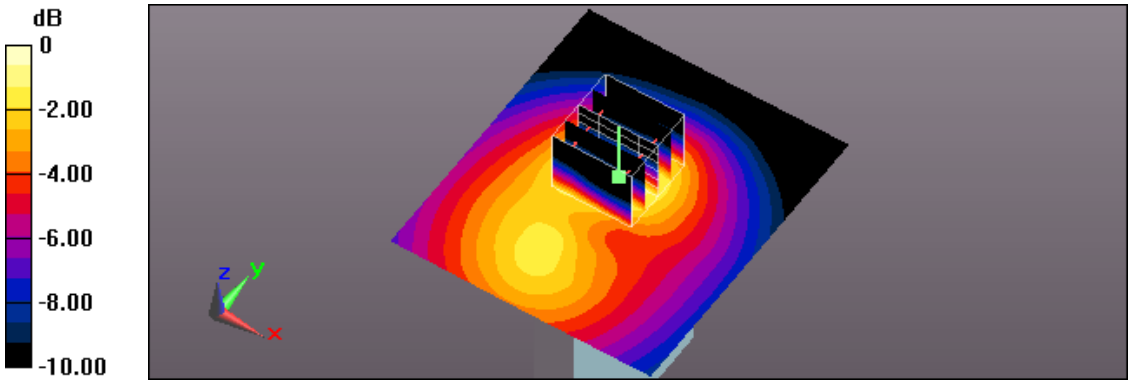
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/16 PM 08:42:28
11_WCDMA Band II CH9538_RMC12.2K_Side4_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, WCDMA Band II (0); Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1908 MHz; σ = 1.526 S/m; ε_r = 55.424; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.348 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 15.40 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.438 W/kg
SAR(1 g) = 0.239 W/kg; SAR(10 g) = 0.139 W/kg
Maximum value of SAR (measured) = 0.360 W/kg



0 dB = 0.360 W/kg = -4.44 dBW/kg

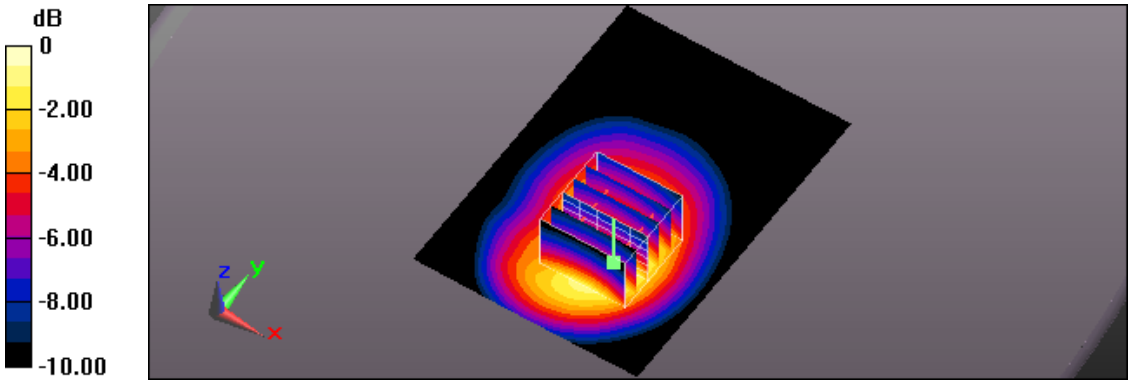
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 AM 03:23:25
35_WCDMA Band V CH4132_RMC12.2K_Front_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, WCDMA Band V (0); Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 826.4 MHz; σ = 1 S/m; ε_r = 56.299; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.48, 9.48, 9.48); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.09 W/kg

Flat/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 25.52 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.842 W/kg; SAR(10 g) = 0.583 W/kg
Maximum value of SAR (measured) = 1.10 W/kg



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

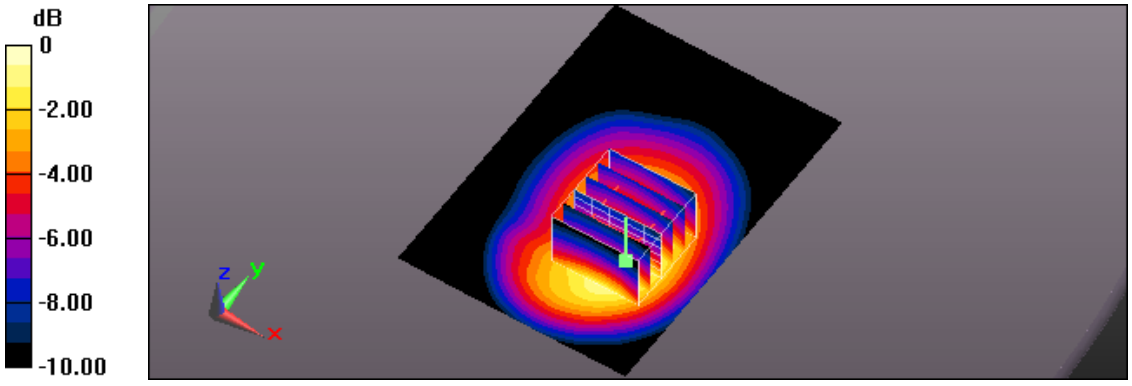
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 AM 03:41:37
36_WCDMA Band V CH4183_RMC12.2K_Front_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, WCDMA Band V (0); Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 837 MHz; σ = 1.011 S/m; ε_r = 56.007; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.48, 9.48, 9.48); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.17 W/kg

Flat/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 26.96 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 0.895 W/kg; SAR(10 g) = 0.626 W/kg
Maximum value of SAR (measured) = 1.18 W/kg



0 dB = 1.18 W/kg = 0.72 dBW/kg

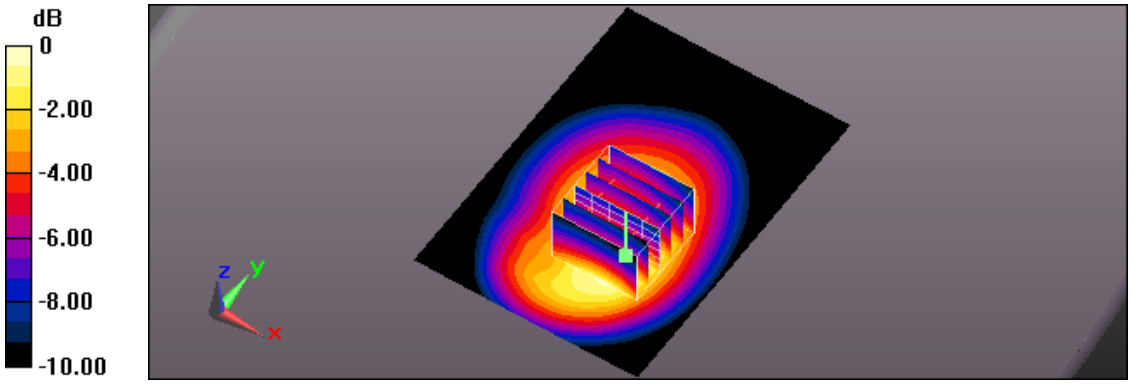
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 AM 03:59:18
37_WCDMA Band V CH4233_RMC12.2K_Front_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, WCDMA Band V (0); Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 847 MHz; σ = 1.018 S/m; ε_r = 55.825; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.48, 9.48, 9.48); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.10 W/kg

Flat/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 28.33 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.864 W/kg; SAR(10 g) = 0.614 W/kg
Maximum value of SAR (measured) = 1.10 W/kg



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

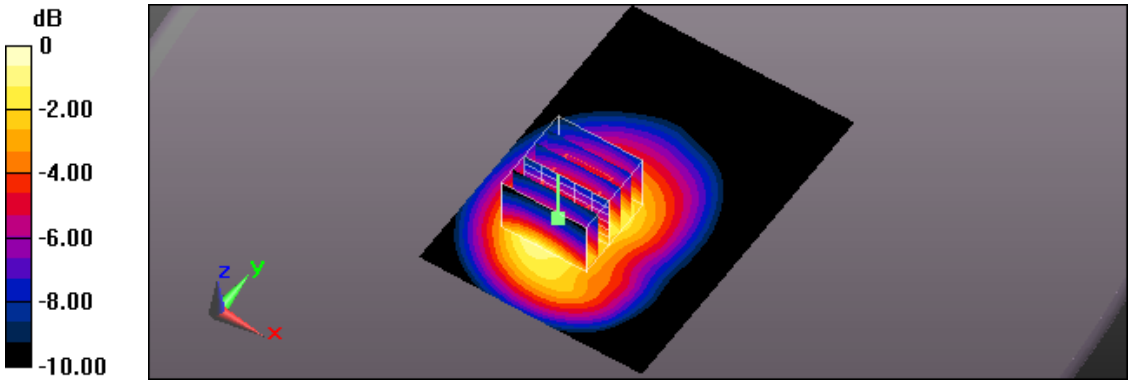
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 AM 04:17:32
38_WCDMA Band V CH4132_RMC12.2K_Back_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, WCDMA Band V (0); Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 826.4 MHz; σ = 1 S/m; ε_r = 56.299; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.48, 9.48, 9.48); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.11 W/kg

Flat/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 25.79 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.24 W/kg
SAR(1 g) = 0.862 W/kg; SAR(10 g) = 0.606 W/kg
Maximum value of SAR (measured) = 1.10 W/kg



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

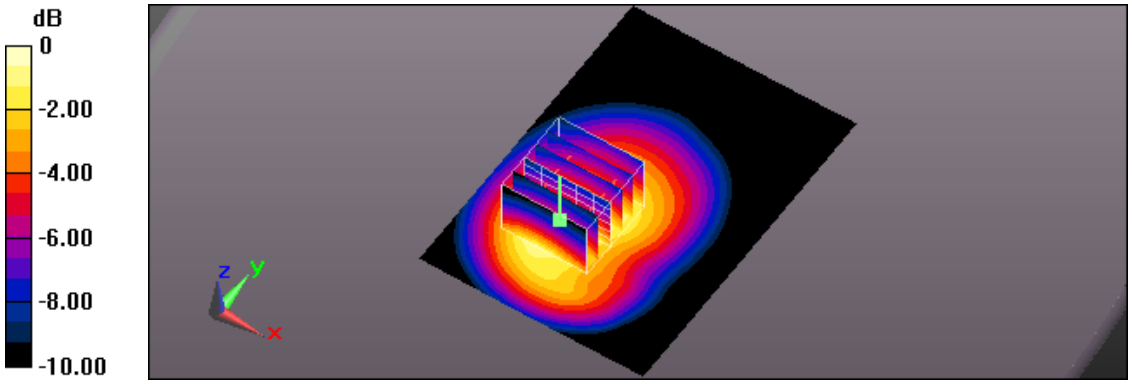
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 AM 04:36:24
39_WCDMA Band V CH4183_RMC12.2K_Back_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, WCDMA Band V (0); Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 837 MHz; σ = 1.011 S/m; ε_r = 56.007; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.48, 9.48, 9.48); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.14 W/kg

Flat/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 27.89 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.28 W/kg
SAR(1 g) = 0.898 W/kg; SAR(10 g) = 0.636 W/kg
Maximum value of SAR (measured) = 1.13 W/kg



0 dB = 1.13 W/kg = 0.53 dBW/kg

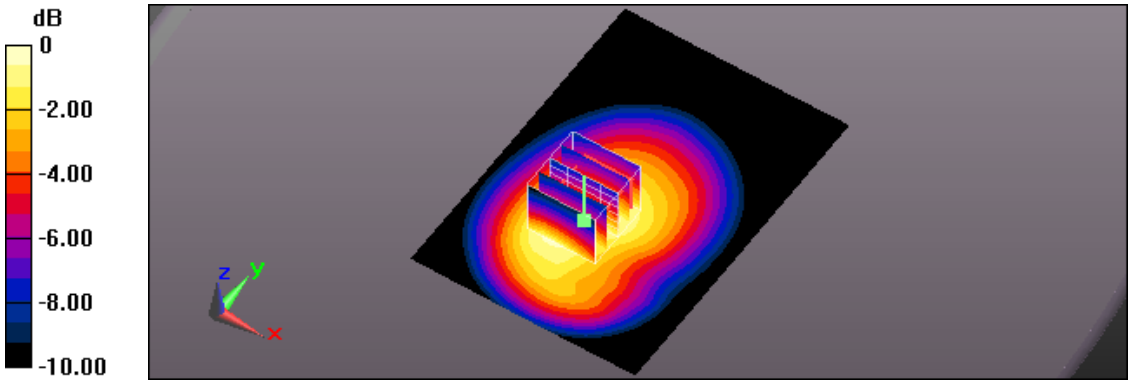
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 AM 04:58:59
40_WCDMA Band V CH4233_RMC12.2K_Back_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, WCDMA Band V (0); Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 847 MHz; σ = 1.018 S/m; ε_r = 55.825; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.48, 9.48, 9.48); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.17 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 30.44 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.32 W/kg
SAR(1 g) = 0.928 W/kg; SAR(10 g) = 0.664 W/kg
Maximum value of SAR (measured) = 1.18 W/kg



0 dB = 1.18 W/kg = 0.72 dBW/kg

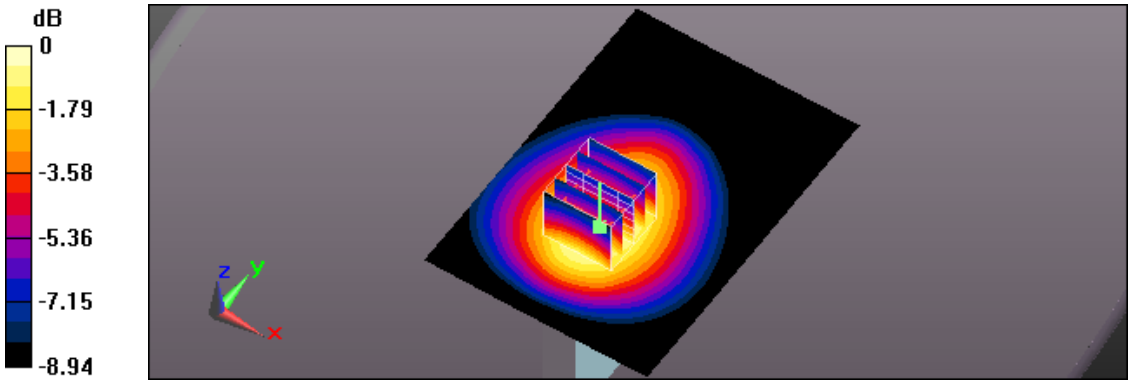
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 AM 05:35:48
41_WCDMA Band V CH4132_RMC12.2K_Side1_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, WCDMA Band V (0); Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 826.4 MHz; σ = 1 S/m; ε_r = 56.299; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.48, 9.48, 9.48); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.491 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 20.47 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.556 W/kg
SAR(1 g) = 0.394 W/kg; SAR(10 g) = 0.285 W/kg
Maximum value of SAR (measured) = 0.500 W/kg



0 dB = 0.500 W/kg = -3.01 dBW/kg

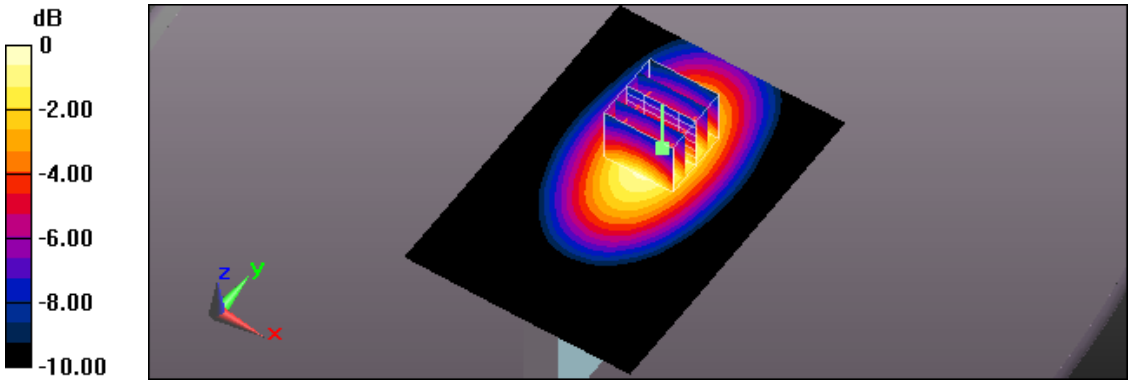
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 AM 05:53:44
42_WCDMA Band V CH4132_RMC12.2K_Side3_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, WCDMA Band V (0); Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 826.4 MHz; σ = 1 S/m; ε_r = 56.299; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.48, 9.48, 9.48); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.501 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 19.58 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.560 W/kg
SAR(1 g) = 0.381 W/kg; SAR(10 g) = 0.264 W/kg
Maximum value of SAR (measured) = 0.495 W/kg



0 dB = 0.495 W/kg = -3.05 dBW/kg

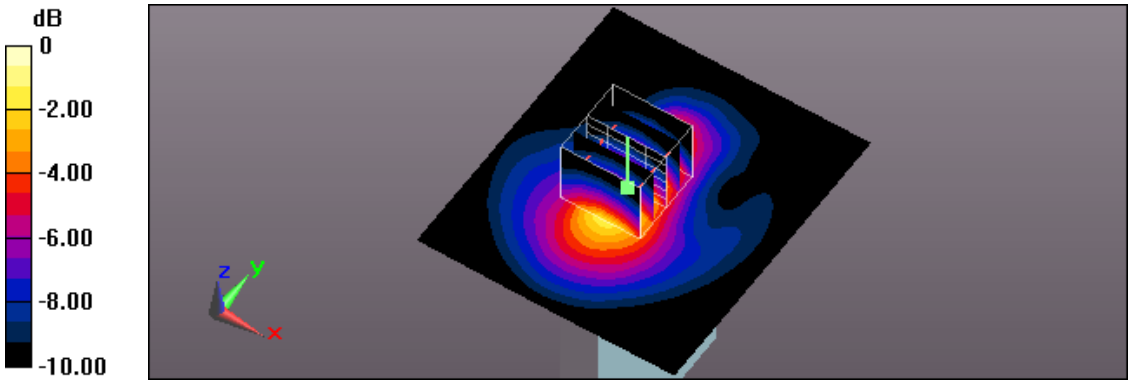
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 AM 05:16:36
43_WCDMA Band V CH4132_RMC12.2K_Side4_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, WCDMA Band V (0); Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 826.4 MHz; σ = 1 S/m; ε_r = 56.299; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.48, 9.48, 9.48); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.380 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 20.10 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.463 W/kg
SAR(1 g) = 0.258 W/kg; SAR(10 g) = 0.150 W/kg
Maximum value of SAR (measured) = 0.380 W/kg



0 dB = 0.380 W/kg = -4.20 dBW/kg

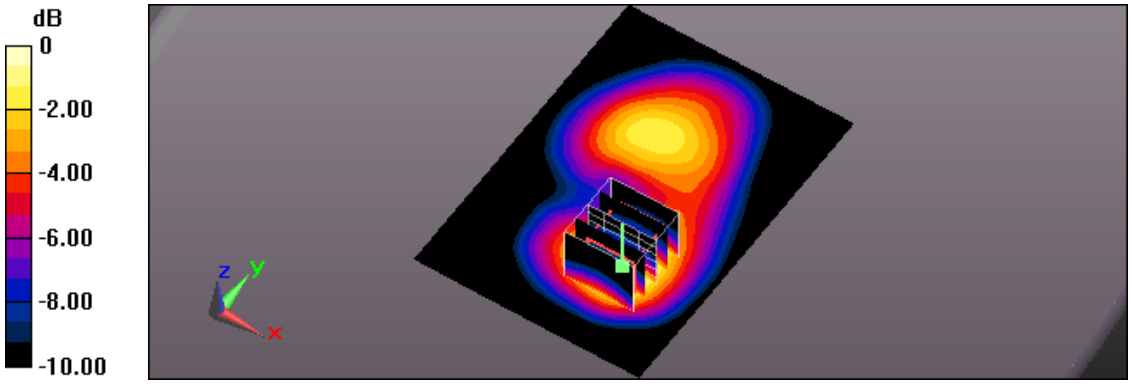
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/17 AM 03:39:14
65_WCDMA Band II CH9400_RMC12.2K_Front_10 mm_repeat
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, WCDMA Band II (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.5 S/m; ε_r = 55.492; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.77 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 15.79 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.95 W/kg
SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.680 W/kg
Maximum value of SAR (measured) = 1.65 W/kg



0 dB = 1.65 W/kg = 2.17 dBW/kg

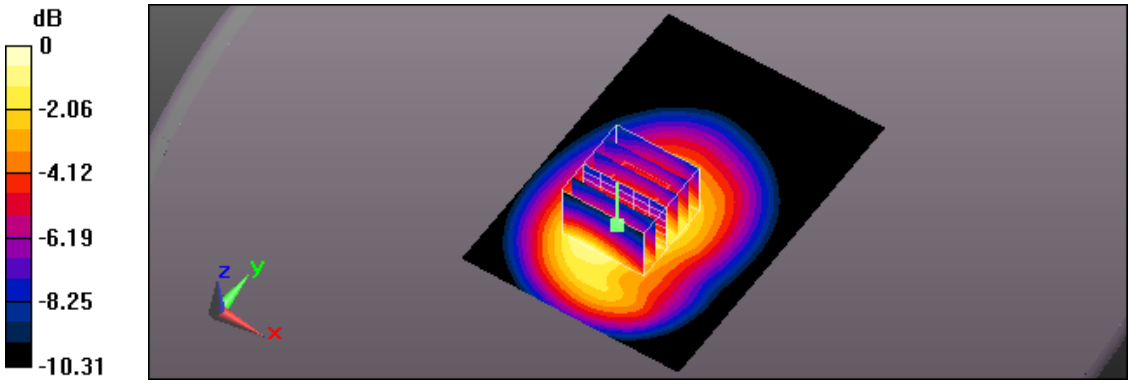
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 PM 04:31:33
147_WCDMA Band V CH4233_RMC12.2K_Back_10 mm_ repeat
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, WCDMA Band V (0); Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium parameters used: f = 847 MHz; σ = 1.018 S/m; ε_r = 55.825; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.48, 9.48, 9.48); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.15 W/kg

Flat/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 29.05 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.29 W/kg
SAR(1 g) = 0.916 W/kg; SAR(10 g) = 0.655 W/kg
Maximum value of SAR (measured) = 1.16 W/kg



0 dB = 1.16 W/kg = 0.64 dBW/kg

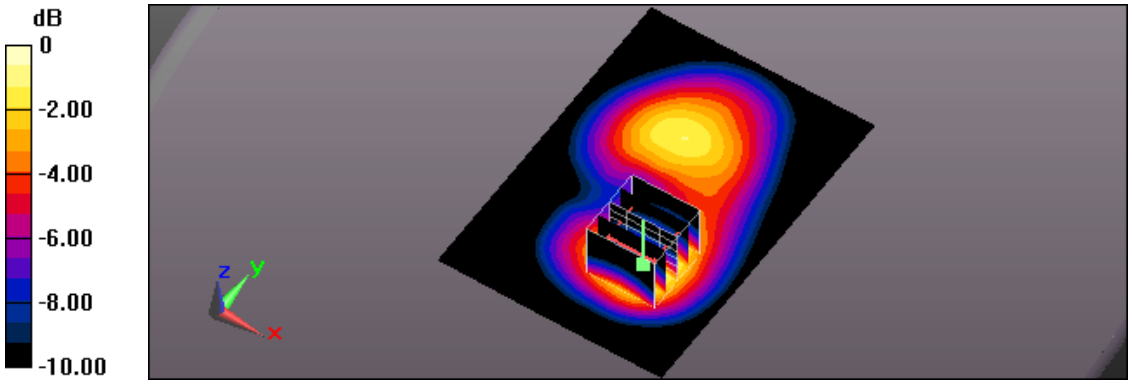
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/16 PM 09:17:42
13_LTE Band 2 CH18700_QPSK_BW 20 M_1RB Size 99RB Offset_Front_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1860 MHz; σ = 1.479 S/m; ε_r = 55.525; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.45 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 15.38 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.70 W/kg
SAR(1 g) = 0.986 W/kg; SAR(10 g) = 0.578 W/kg
Maximum value of SAR (measured) = 1.43 W/kg



0 dB = 1.43 W/kg = 1.55 dBW/kg

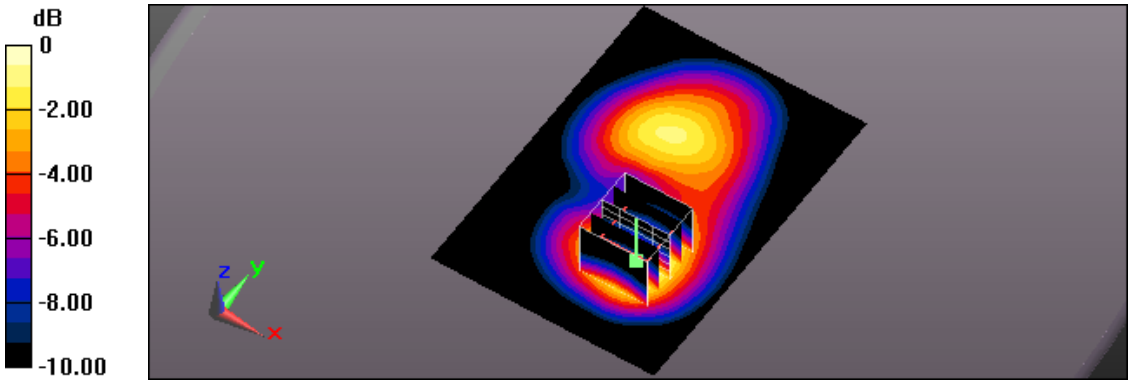
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/16 PM 08:58:27
12_LTE Band 2 CH18900_QPSK_BW 20 M_1RB Size 99RB Offset_Front_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.5 S/m; ε_r = 55.492; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.60 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 15.50 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.80 W/kg
SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.615 W/kg
Maximum value of SAR (measured) = 1.51 W/kg



0 dB = 1.51 W/kg = 1.79 dBW/kg

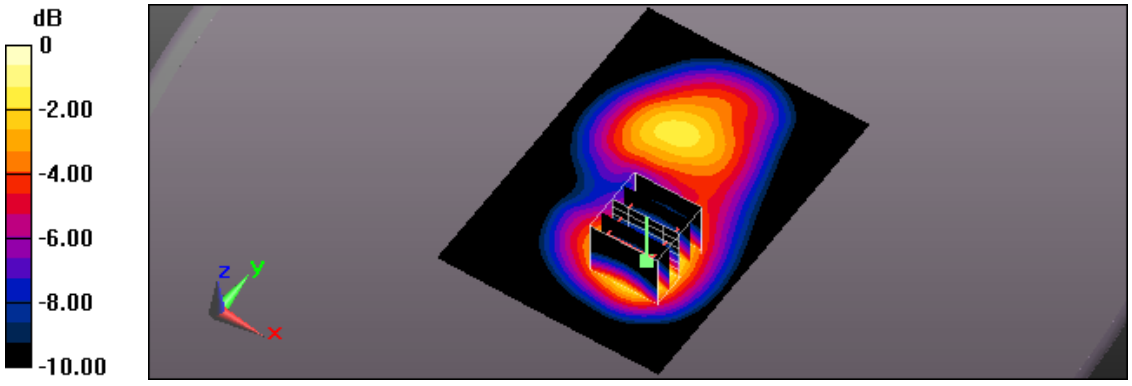
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/16 PM 09:38:17
14_LTE Band 2 CH19100_QPSK_BW 20 M_1RB Size 99RB Offset_Front_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.519 S/m; ε_r = 55.454; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.58 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 14.89 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.84 W/kg
SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.619 W/kg
Maximum value of SAR (measured) = 1.54 W/kg



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

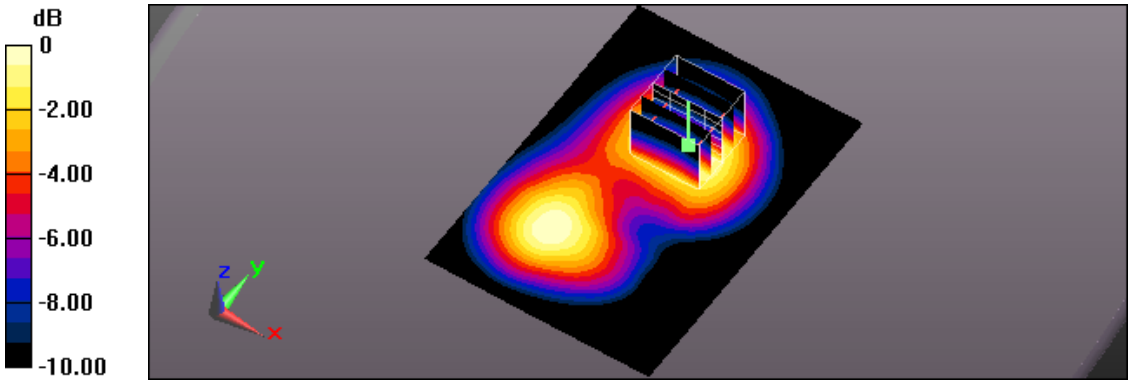
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/16 PM 10:17:45
48_LTE Band 2 CH18700_QPSK_BW 20 M_1RB Size 99RB Offset_Back_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1860 MHz; σ = 1.479 S/m; ε_r = 55.525; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.12 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 16.08 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.792 W/kg; SAR(10 g) = 0.493 W/kg
Maximum value of SAR (measured) = 1.12 W/kg



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

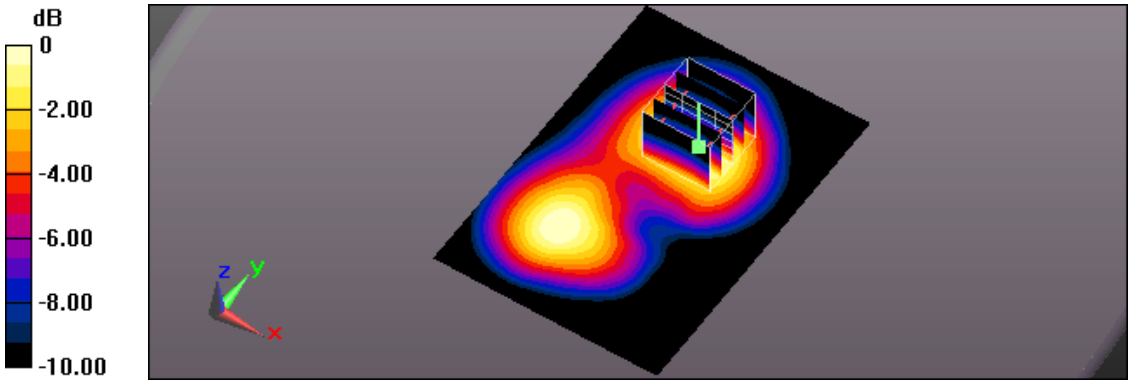
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/16 PM 09:58:03
47_LTE Band 2 CH18900_QPSK_BW 20 M_1RB Size 99RB Offset_Back_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.5 S/m; ε_r = 55.492; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.17 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 15.32 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.37 W/kg
SAR(1 g) = 0.829 W/kg; SAR(10 g) = 0.511 W/kg
Maximum value of SAR (measured) = 1.17 W/kg



0 dB = 1.17 W/kg = 0.68 dBW/kg

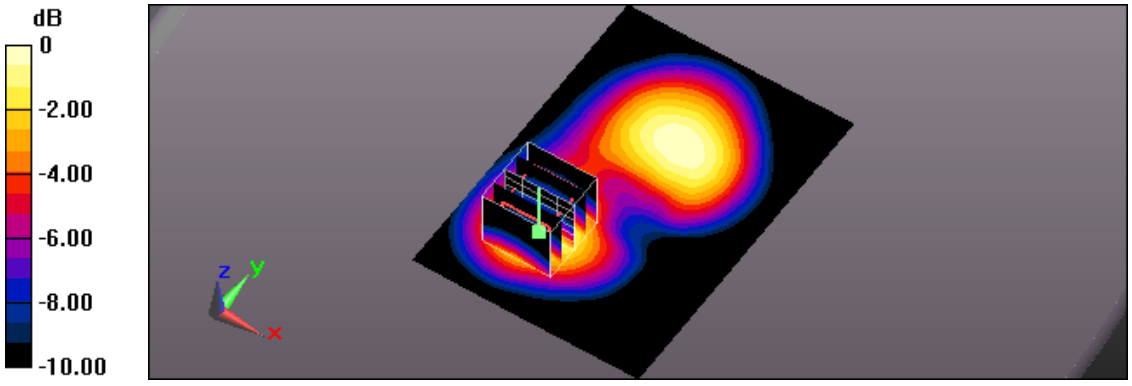
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/16 PM 10:43:52
49_LTE Band 2 CH19100_QPSK_BW 20 M_1RB Size 99RB Offset_Back_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.519 S/m; ε_r = 55.454; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.15 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 14.09 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.35 W/kg
SAR(1 g) = 0.781 W/kg; SAR(10 g) = 0.457 W/kg
Maximum value of SAR (measured) = 1.12 W/kg



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

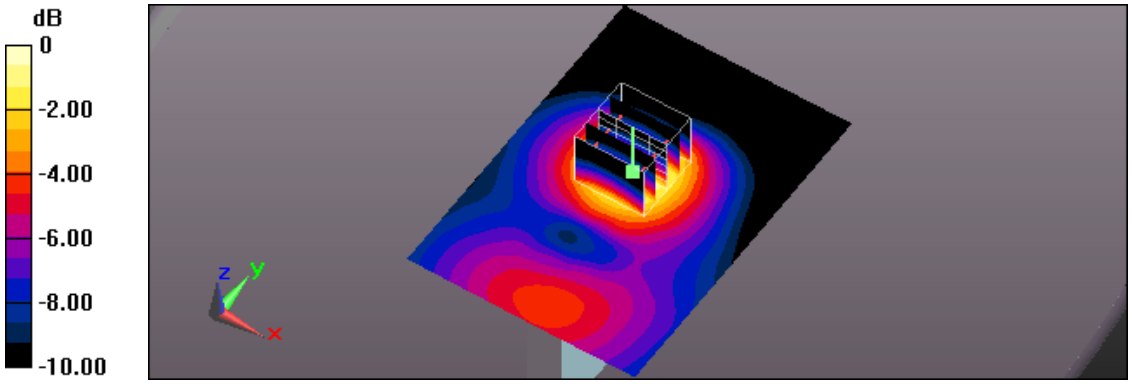
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/16 PM 11:01:57
50_LTE Band 2 CH18900_QPSK_BW 20 M_1RB Size 99RB Offset_Side1_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.5 S/m; ε_r = 55.492; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.238 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 11.94 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.271 W/kg
SAR(1 g) = 0.161 W/kg; SAR(10 g) = 0.098 W/kg
Maximum value of SAR (measured) = 0.229 W/kg



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

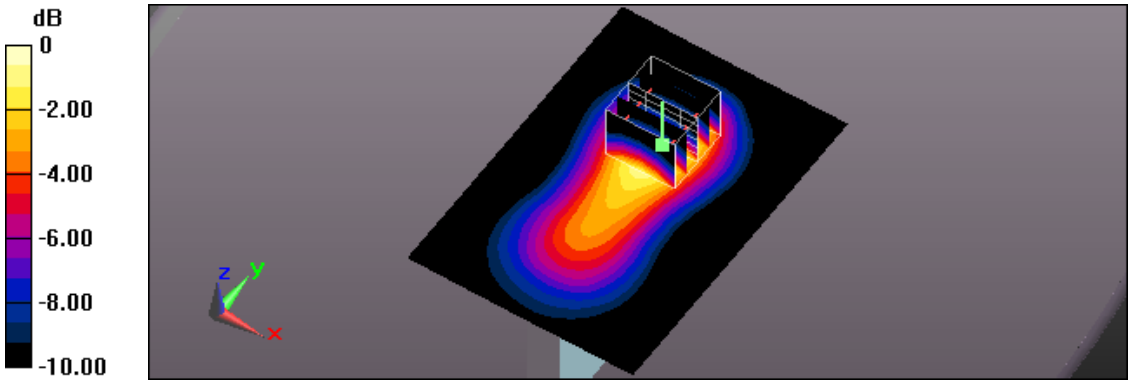
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/16 PM 11:36:24
52_LTE Band 2 CH18700_QPSK_BW 20 M_1RB Size 99RB Offset_Side3_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1860 MHz; σ = 1.479 S/m; ε_r = 55.525; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.16 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 23.13 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.36 W/kg
SAR(1 g) = 0.780 W/kg; SAR(10 g) = 0.459 W/kg
Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.14 W/kg = 0.57 dBW/kg

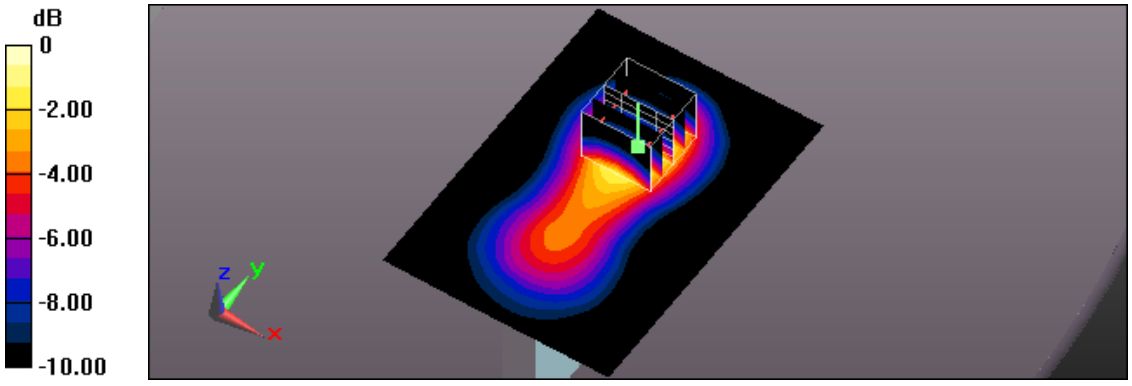
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/16 PM 11:18:43
51_LTE Band 2 CH18900_QPSK_BW 20 M_1RB Size 99RB Offset_Side3_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.5 S/m; ε_r = 55.492; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.26 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 22.21 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.51 W/kg
SAR(1 g) = 0.855 W/kg; SAR(10 g) = 0.496 W/kg
Maximum value of SAR (measured) = 1.26 W/kg



0 dB = 1.26 W/kg = 1.00 dBW/kg

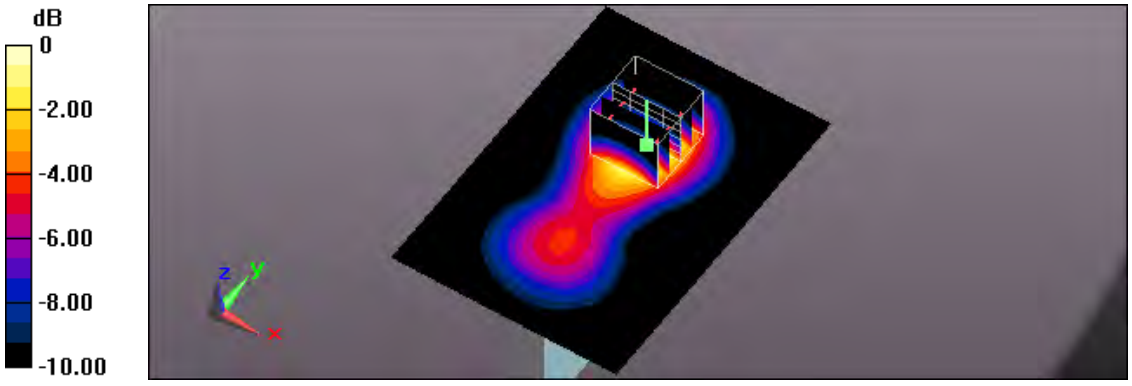
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/16 PM 11:57:00
53_LTE Band 2 CH19100_QPSK_BW 20 M_1RB Size 99RB Offset_Side3_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.519 S/m; ε_r = 55.454; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.34 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 21.32 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.63 W/kg
SAR(1 g) = 0.912 W/kg; SAR(10 g) = 0.526 W/kg
Maximum value of SAR (measured) = 1.36 W/kg



0 dB = 1.36 W/kg = 1.34 dBW/kg

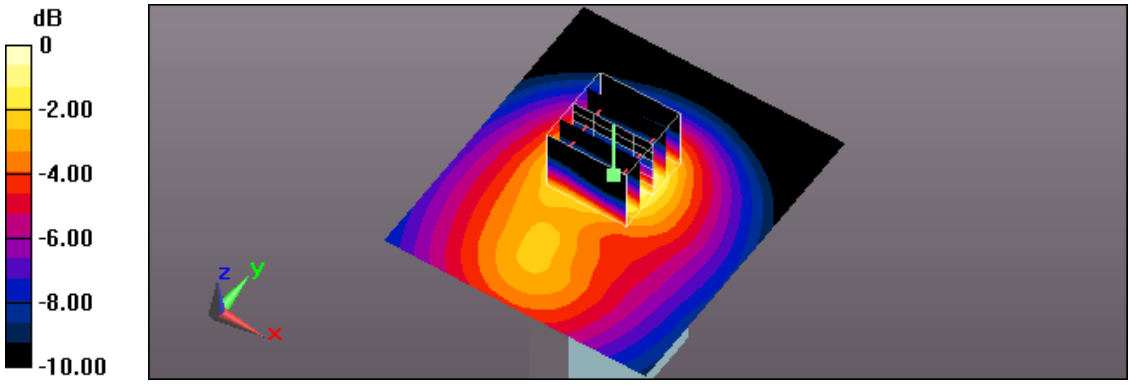
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/17 AM 12:14:12
54_LTE Band 2 CH18900_QPSK_BW 20 M_1RB Size 99RB Offset_Side4_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.5 S/m; ε_r = 55.492; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.370 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 15.70 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.447 W/kg
SAR(1 g) = 0.249 W/kg; SAR(10 g) = 0.147 W/kg
Maximum value of SAR (measured) = 0.368 W/kg



0 dB = 0.368 W/kg = -4.34 dBW/kg

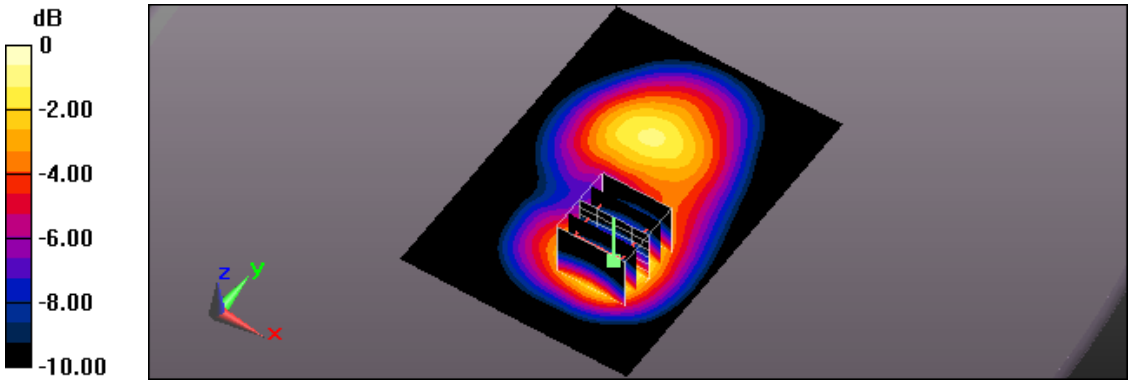
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/17 AM 01:13:36
57_LTE Band 2 CH18700_QPSK_BW 20 M_50RB Size 0RB Offset_Front_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1860 MHz; σ = 1.479 S/m; ε_r = 55.525; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.16 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 14.18 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 0.786 W/kg; SAR(10 g) = 0.466 W/kg
Maximum value of SAR (measured) = 1.12 W/kg



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

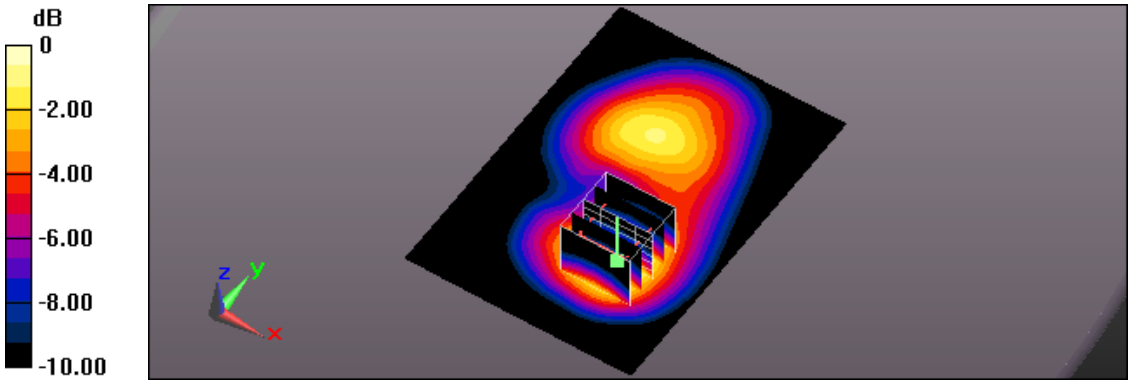
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/17 AM 01:29:17
58_LTE Band 2 CH18900_QPSK_BW 20 M_50RB Size 50RB Offset_Front_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1880 MHz; σ = 1.5 S/m; ε_r = 55.492; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.21 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 13.54 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 0.814 W/kg; SAR(10 g) = 0.481 W/kg
Maximum value of SAR (measured) = 1.17 W/kg



0 dB = 1.17 W/kg = 0.68 dBW/kg

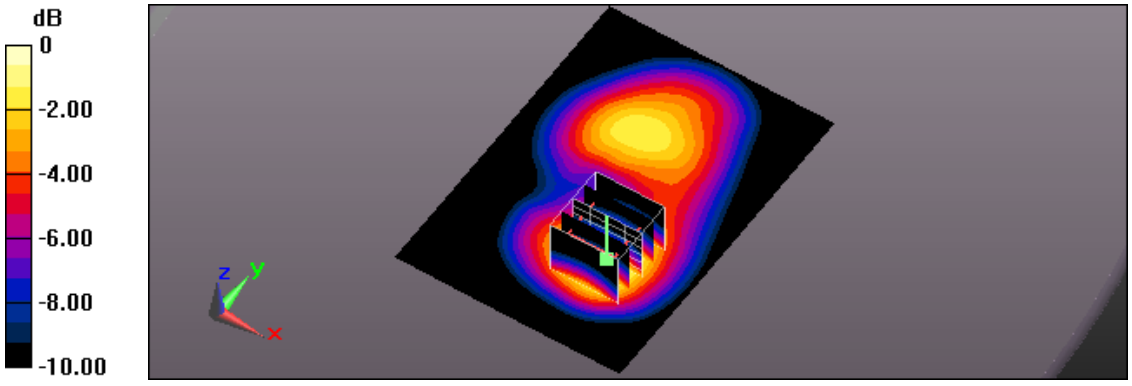
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/17 AM 12:56:54
56_LTE Band 2 CH19100_QPSK_BW 20 M_50RB Size 0RB Offset_Front_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.519 S/m; ε_r = 55.454; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.24 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 13.40 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.42 W/kg
SAR(1 g) = 0.832 W/kg; SAR(10 g) = 0.490 W/kg
Maximum value of SAR (measured) = 1.20 W/kg



0 dB = 1.20 W/kg = 0.79 dBW/kg

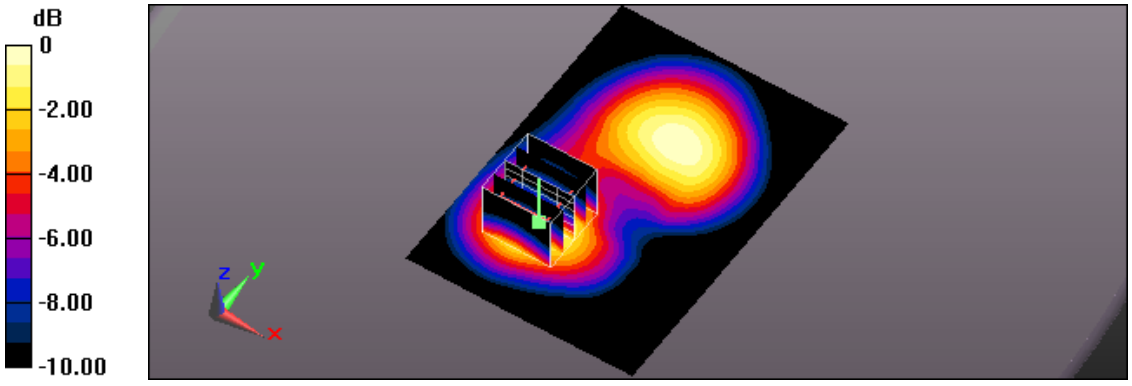
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/17 AM 02:19:02
61_LTE Band 2 CH19100_QPSK_BW 20 M_50RB Size 0RB Offset_Back_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.519 S/m; ε_r = 55.454; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.921 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 12.70 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.08 W/kg
SAR(1 g) = 0.632 W/kg; SAR(10 g) = 0.373 W/kg
Maximum value of SAR (measured) = 0.906 W/kg



0 dB = 0.906 W/kg = -0.43 dBW/kg

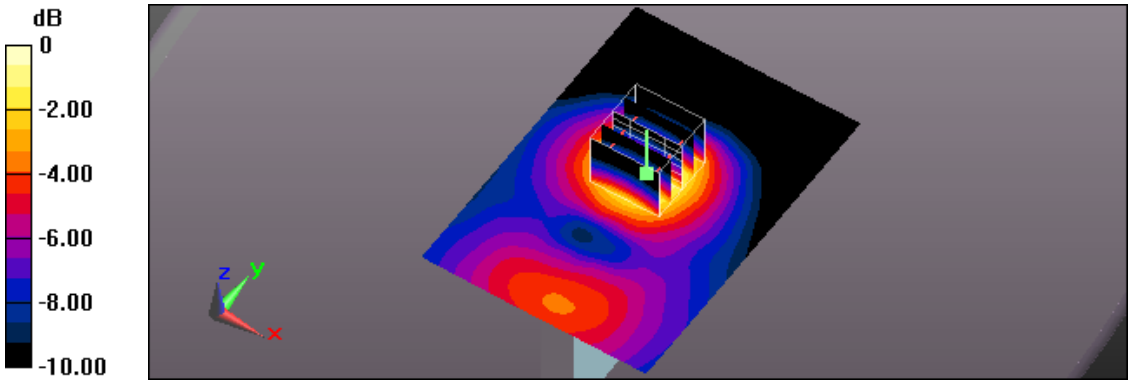
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/17 AM 03:21:05
64_LTE Band 2 CH19100_QPSK_BW 20 M_50RB Size 0RB Offset_Side1_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.519 S/m; ε_r = 55.454; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.182 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 10.42 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.209 W/kg
SAR(1 g) = 0.124 W/kg; SAR(10 g) = 0.075 W/kg
Maximum value of SAR (measured) = 0.176 W/kg



0 dB = 0.176 W/kg = -7.54 dBW/kg

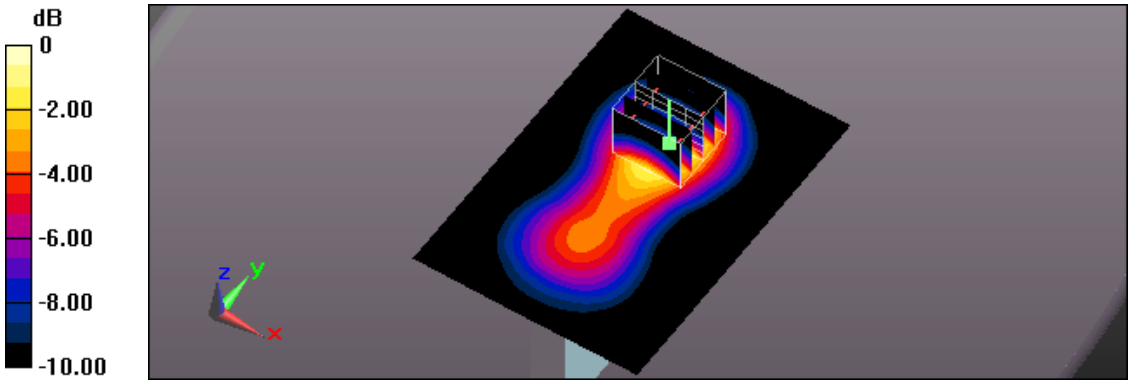
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/17 AM 02:37:06
62_LTE Band 2 CH19100_QPSK_BW 20 M_50RB Size 0RB Offset_Side3_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.519 S/m; ε_r = 55.454; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.03 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 19.42 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.705 W/kg; SAR(10 g) = 0.410 W/kg
Maximum value of SAR (measured) = 1.03 W/kg



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

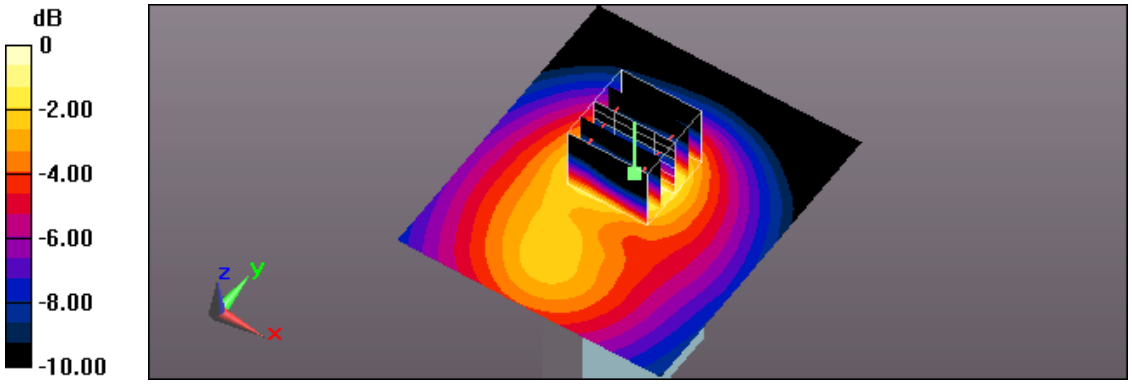
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/17 AM 12:41:06
55_LTE Band 2 CH19100_QPSK_BW 20 M_50RB Size 0RB Offset_Side4_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.519 S/m; ε_r = 55.454; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.281 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 13.62 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.349 W/kg
SAR(1 g) = 0.191 W/kg; SAR(10 g) = 0.112 W/kg
Maximum value of SAR (measured) = 0.285 W/kg



0 dB = 0.285 W/kg = -5.45 dBW/kg

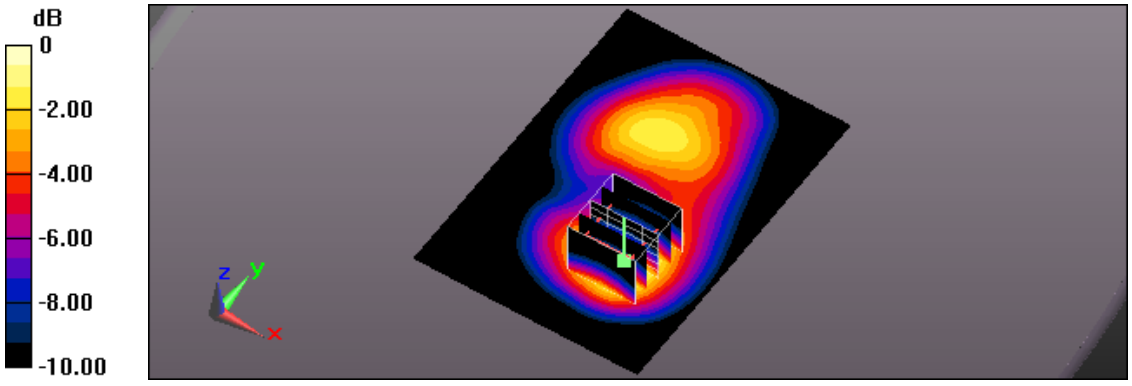
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/17 AM 01:47:38
59_LTE Band 2 CH19100_QPSK_BW 20 M_100RB Size 0RB Offset_Front_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.519 S/m; ε_r = 55.454; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.25 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 13.31 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.44 W/kg
SAR(1 g) = 0.842 W/kg; SAR(10 g) = 0.496 W/kg
Maximum value of SAR (measured) = 1.21 W/kg



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

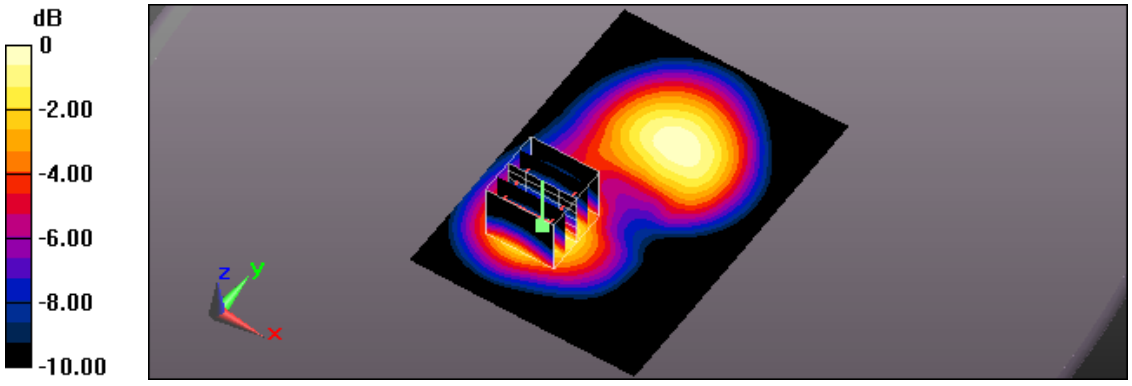
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/17 AM 02:02:27
60_LTE Band 2 CH19100_QPSK_BW 20 M_100RB Size 0RB Offset_Back_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.519 S/m; ε_r = 55.454; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.924 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 12.56 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.08 W/kg
SAR(1 g) = 0.632 W/kg; SAR(10 g) = 0.373 W/kg
Maximum value of SAR (measured) = 0.908 W/kg



0 dB = 0.908 W/kg = -0.42 dBW/kg

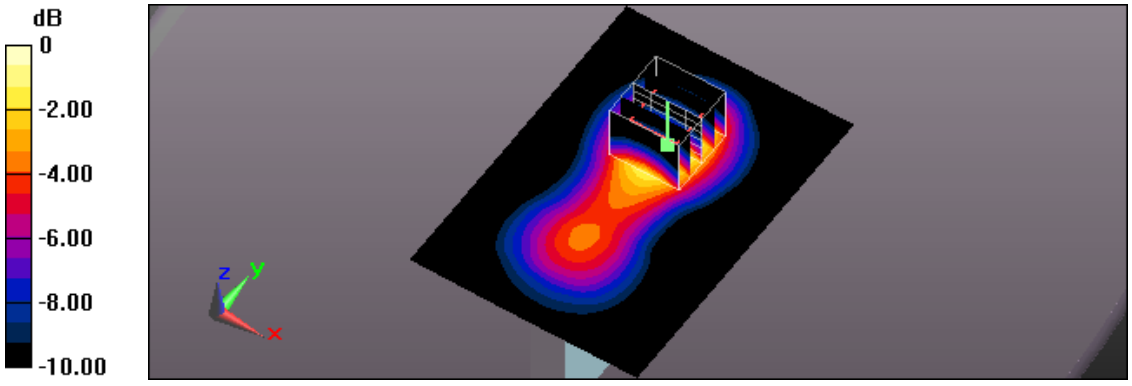
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/17 AM 02:54:27
63_LTE Band 2 CH19100_QPSK_BW 20 M_100RB Size 0RB Offset_Side3_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1900 MHz; σ = 1.519 S/m; ε_r = 55.454; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.06 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 19.40 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.27 W/kg
SAR(1 g) = 0.721 W/kg; SAR(10 g) = 0.416 W/kg
Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.06 W/kg = 0.25 dBW/kg

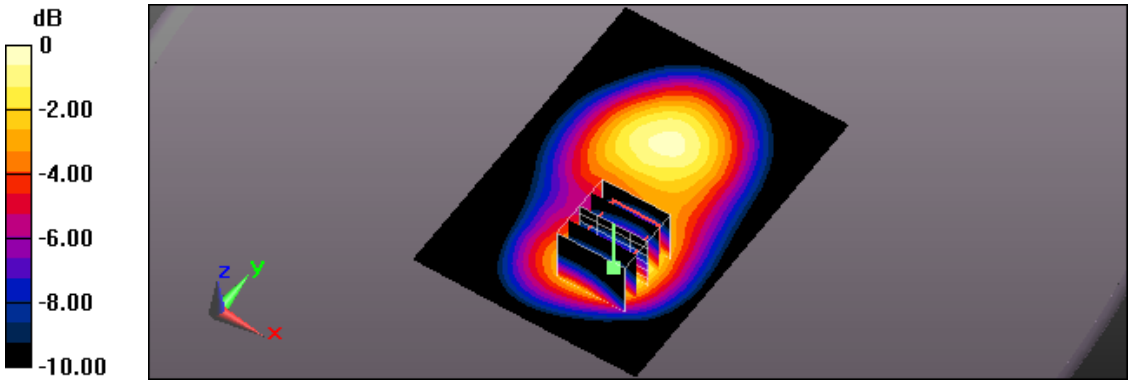
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/20 AM 08:47:45
15_LTE Band 4 CH20050_QPSK_BW 20 M_1RB Size 0RB Offset_Front_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1720 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1720 MHz; σ = 1.43 S/m; ε_r = 53.044; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.91, 7.91, 7.91); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.32 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 20.67 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.56 W/kg
SAR(1 g) = 0.952 W/kg; SAR(10 g) = 0.579 W/kg
Maximum value of SAR (measured) = 1.32 W/kg



0 dB = 1.32 W/kg = 1.21 dBW/kg

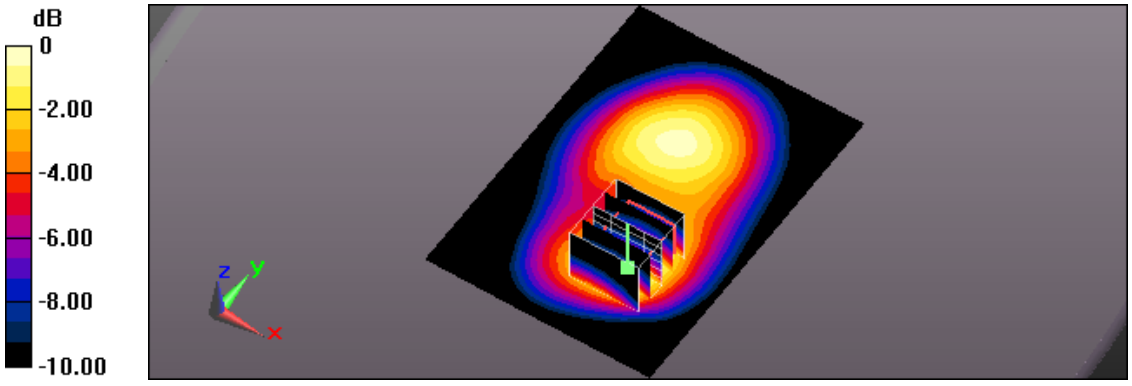
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/20 AM 09:04:32
16_LTE Band 4 CH20175_QPSK_BW 20 M_1RB Size 0RB Offset_Front_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.442 S/m; ε_r = 53.015; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.91, 7.91, 7.91); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.38 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 21.50 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.60 W/kg
SAR(1 g) = 0.966 W/kg; SAR(10 g) = 0.582 W/kg
Maximum value of SAR (measured) = 1.35 W/kg



0 dB = 1.35 W/kg = 1.30 dBW/kg

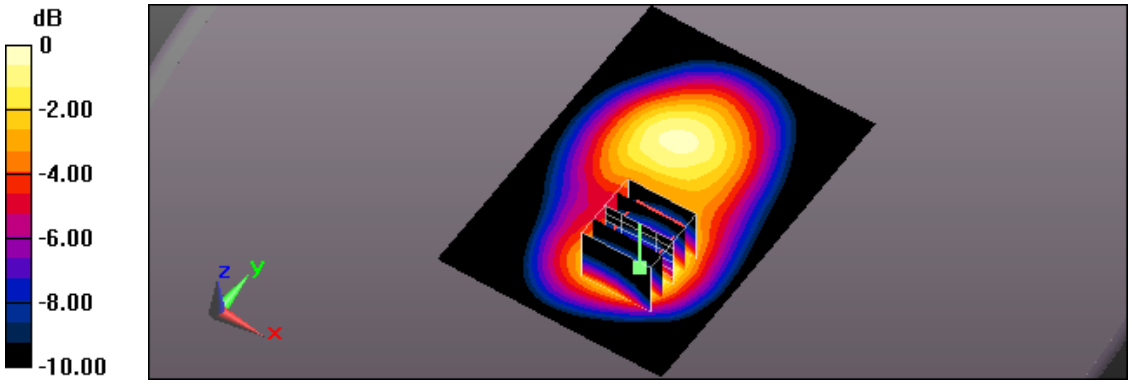
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/20 AM 06:30:13
17_LTE Band 4 CH20300_QPSK_BW 20 M_1RB Size 0RB Offset_Front_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.454 S/m; ε_r = 52.988; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.91, 7.91, 7.91); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.33 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 21.04 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 1.53 W/kg
SAR(1 g) = 0.918 W/kg; SAR(10 g) = 0.554 W/kg
Maximum value of SAR (measured) = 1.29 W/kg



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

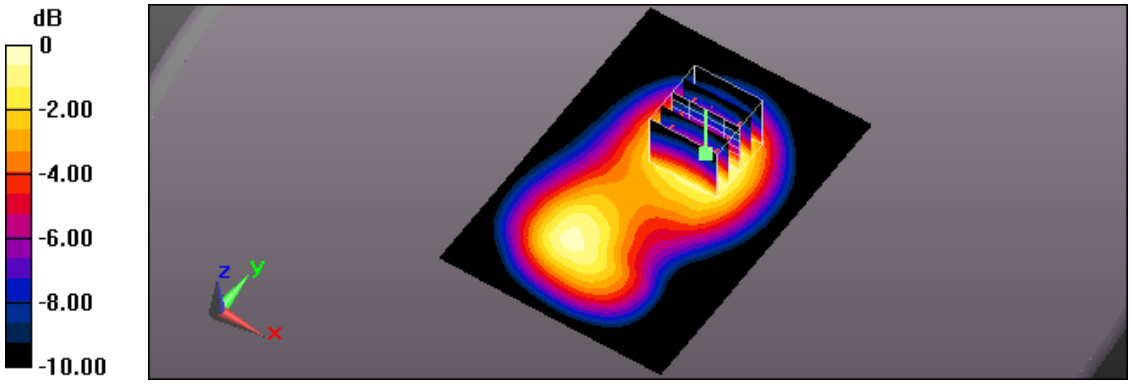
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/20 AM 10:47:45
18_LTE Band 4 CH20050_QPSK_BW 20 M_1RB Size 0RB Offset_Back_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1720 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1720 MHz; σ = 1.43 S/m; ε_r = 53.044; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.91, 7.91, 7.91); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.19 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 21.25 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.853 W/kg; SAR(10 g) = 0.559 W/kg
Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.14 W/kg = 0.57 dBW/kg

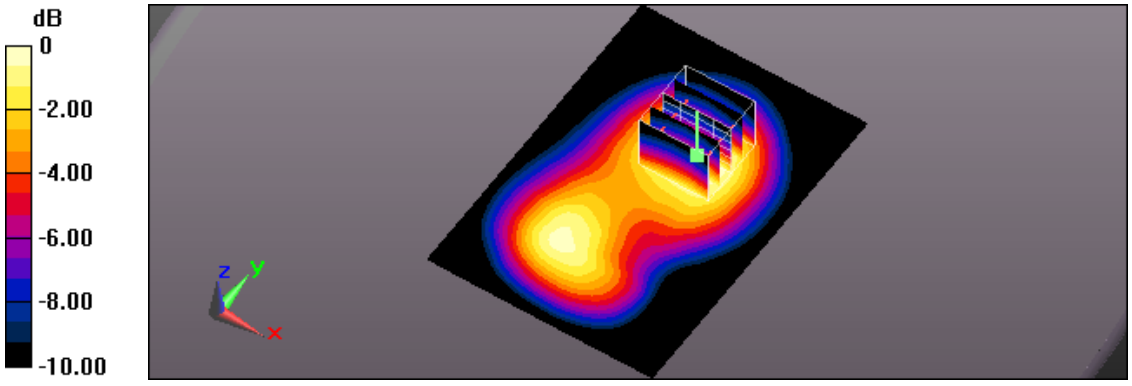
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/20 AM 11:07:35
19_LTE Band 4 CH20175_QPSK_BW 20 M_1RB Size 0RB Offset_Back_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.442 S/m; ε_r = 53.015; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.91, 7.91, 7.91); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.19 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 21.62 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 0.870 W/kg; SAR(10 g) = 0.570 W/kg
Maximum value of SAR (measured) = 1.16 W/kg



0 dB = 1.16 W/kg = 0.64 dBW/kg

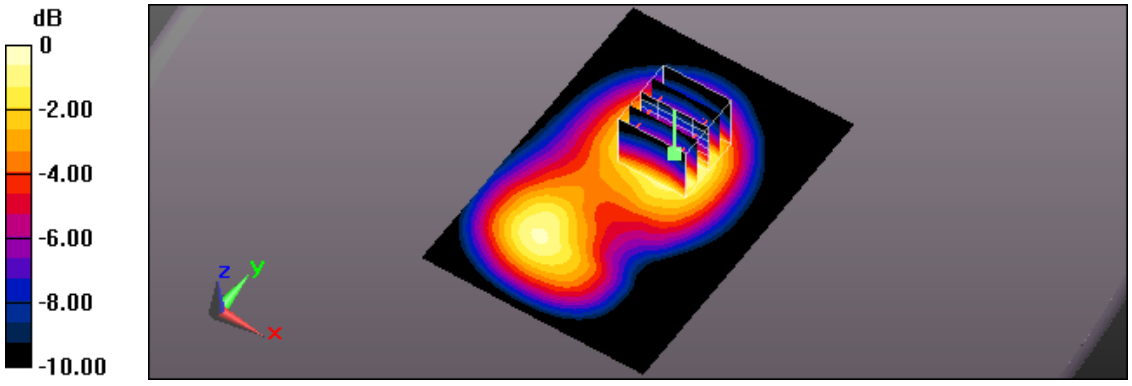
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/20 AM 06:57:47
20_LTE Band 4 CH20300_QPSK_BW 20 M_1RB Size 0RB Offset_Back_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.454 S/m; ε_r = 52.988; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.91, 7.91, 7.91); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.17 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 21.57 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 0.839 W/kg; SAR(10 g) = 0.547 W/kg
Maximum value of SAR (measured) = 1.13 W/kg



0 dB = 1.13 W/kg = 0.53 dBW/kg

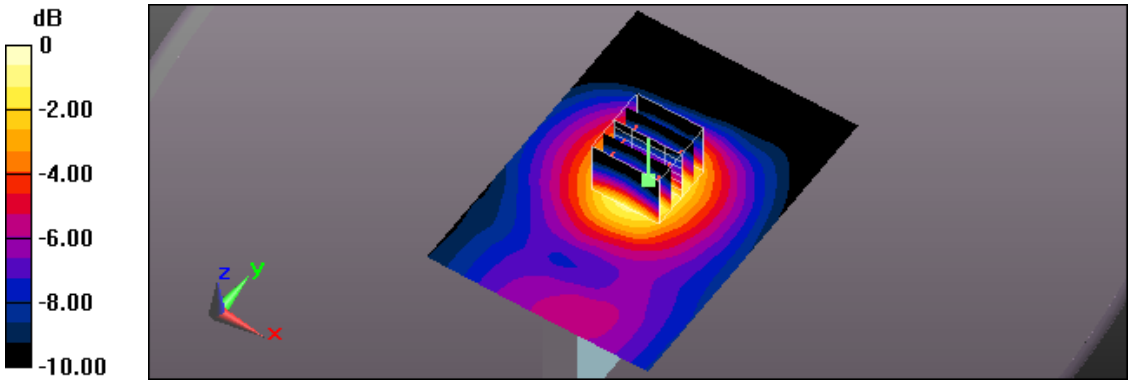
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/20 PM 01:26:19
31_LTE Band 4 CH20050_QPSK_BW 20 M_1RB Size 0RB Offset_Side1_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1720 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1720 MHz; σ = 1.43 S/m; ε_r = 53.044; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.91, 7.91, 7.91); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.193 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 11.83 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.218 W/kg
SAR(1 g) = 0.139 W/kg; SAR(10 g) = 0.087 W/kg
Maximum value of SAR (measured) = 0.191 W/kg



0 dB = 0.191 W/kg = -7.19 dBW/kg

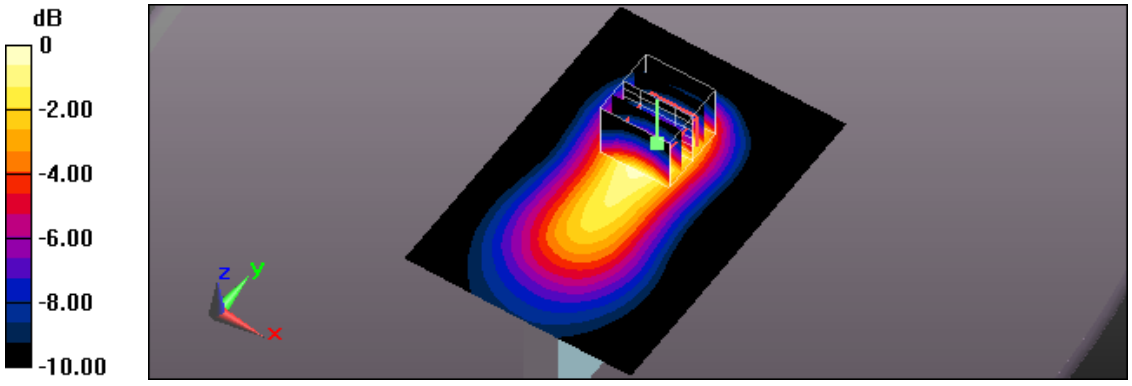
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/20 AM 07:14:35
21_LTE Band 4 CH20050_QPSK_BW 20 M_1RB Size 0RB Offset_Side3_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1720 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1720 MHz; σ = 1.43 S/m; ε_r = 53.044; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.91, 7.91, 7.91); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.947 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 22.93 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.630 W/kg; SAR(10 g) = 0.382 W/kg
Maximum value of SAR (measured) = 0.868 W/kg



0 dB = 0.868 W/kg = -0.61 dBW/kg

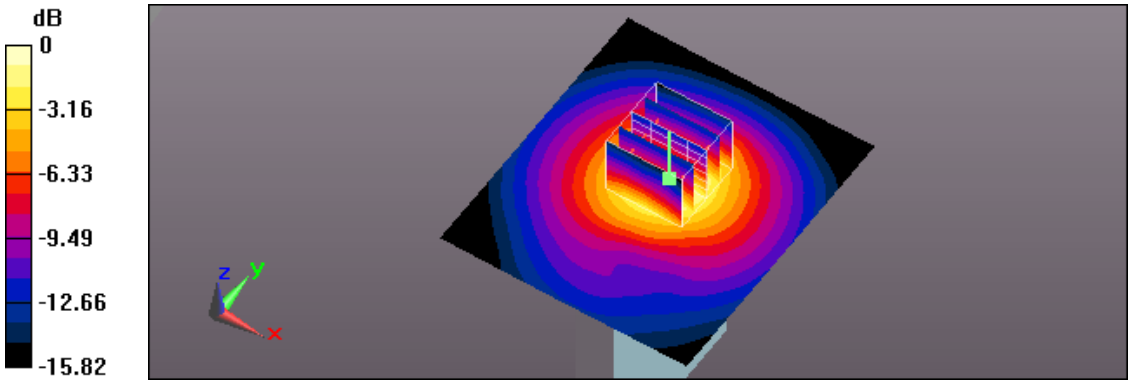
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/20 PM 02:01:45
33_LTE Band 4 CH20050_QPSK_BW 20 M_1RB Size 0RB Offset_Side4_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1720 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1720 MHz; σ = 1.43 S/m; ε_r = 53.044; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.91, 7.91, 7.91); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.806 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 22.87 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.908 W/kg
SAR(1 g) = 0.531 W/kg; SAR(10 g) = 0.308 W/kg
Maximum value of SAR (measured) = 0.768 W/kg



0 dB = 0.768 W/kg = -1.15 dBW/kg

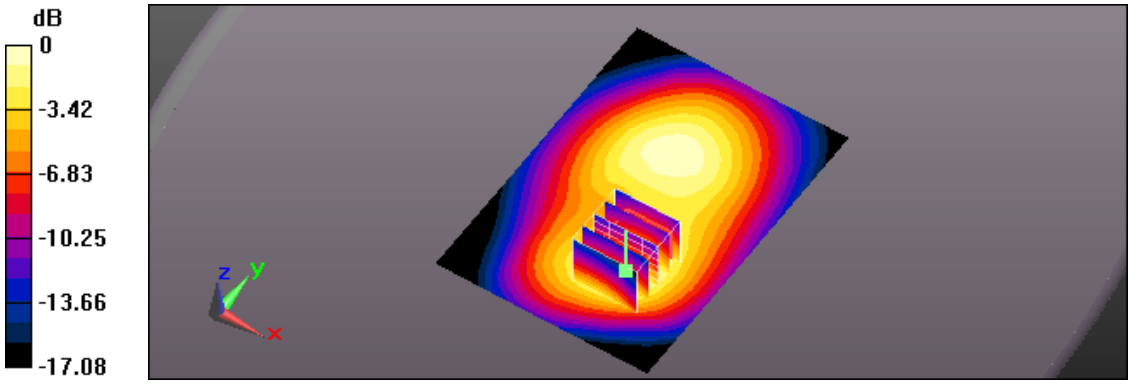
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/20 AM 09:49:59
23_LTE Band 4 CH20050_QPSK_BW 20 M_50RB Size 25RB Offset_Front_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1720 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1720 MHz; σ = 1.43 S/m; ε_r = 53.044; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.91, 7.91, 7.91); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.10 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 19.10 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.24 W/kg
SAR(1 g) = 0.755 W/kg; SAR(10 g) = 0.456 W/kg
Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 1.05 W/kg = 0.21 dBW/kg

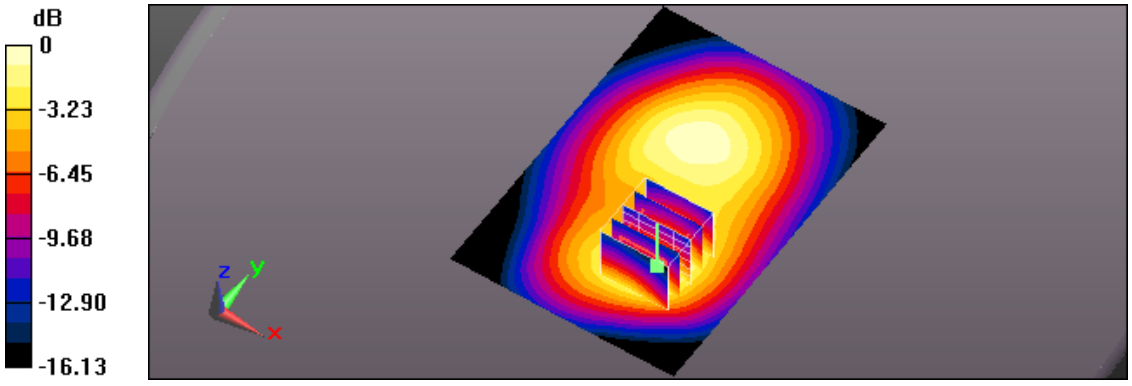
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/20 AM 10:08:47
24_LTE Band 4 CH20175_QPSK_BW 20 M_50RB Size 0RB Offset_Front_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.442 S/m; ε_r = 53.015; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.91, 7.91, 7.91); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.14 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 19.56 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.30 W/kg
SAR(1 g) = 0.787 W/kg; SAR(10 g) = 0.475 W/kg
Maximum value of SAR (measured) = 1.10 W/kg



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

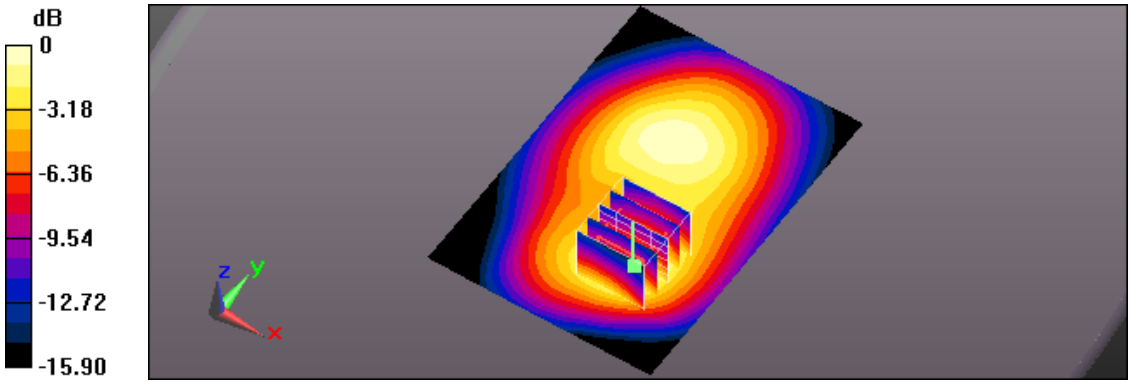
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/20 AM 09:27:40
22_LTE Band 4 CH20300_QPSK_BW 20 M_50RB Size 0RB Offset_Front_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.454 S/m; ε_r = 52.988; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.91, 7.91, 7.91); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.18 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 19.61 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 0.808 W/kg; SAR(10 g) = 0.487 W/kg
Maximum value of SAR (measured) = 1.13 W/kg



0 dB = 1.13 W/kg = 0.53 dBW/kg

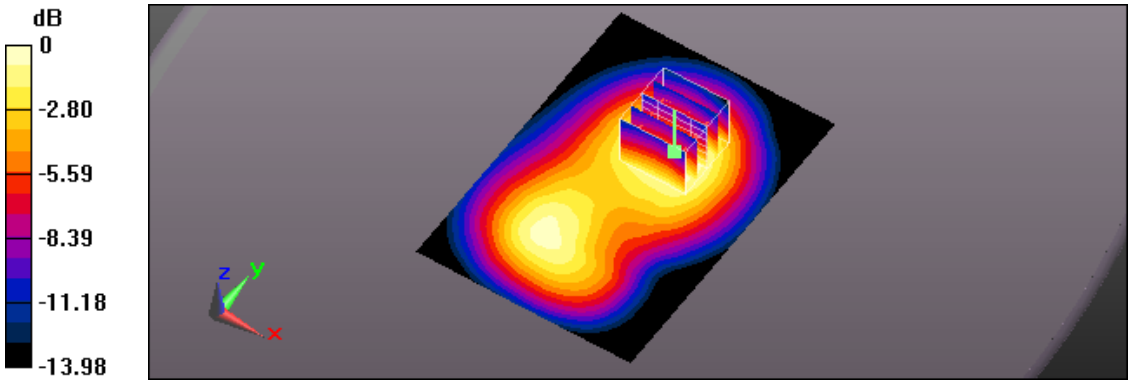
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/20 AM 11:51:00
27_LTE Band 4 CH20050_QPSK_BW 20 M_50RB Size 0RB Offset_Back_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1720 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1720 MHz; σ = 1.43 S/m; ε_r = 53.044; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.91, 7.91, 7.91); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.962 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 19.41 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.10 W/kg
SAR(1 g) = 0.706 W/kg; SAR(10 g) = 0.460 W/kg
Maximum value of SAR (measured) = 0.961 W/kg



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

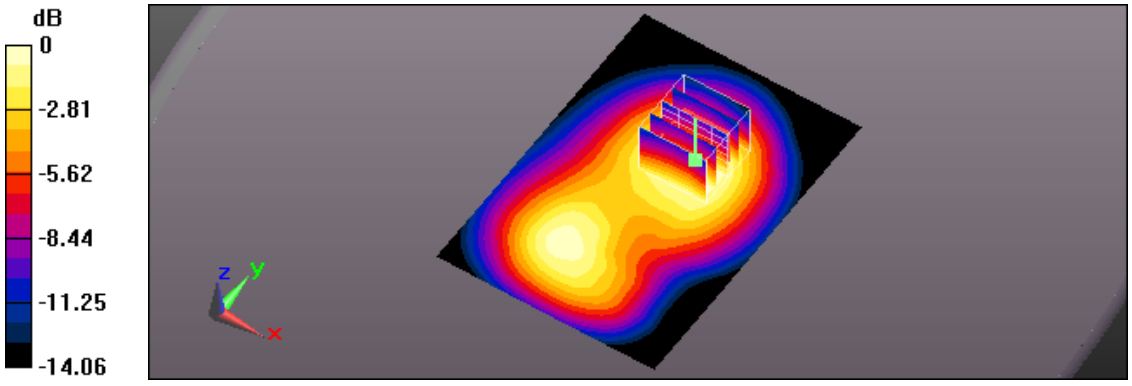
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/20 PM 12:29:23
28_LTE Band 4 CH20175_QPSK_BW 20 M_50RB Size 0RB Offset_Back_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.442 S/m; ε_r = 53.015; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.91, 7.91, 7.91); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.957 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 19.93 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.10 W/kg
SAR(1 g) = 0.716 W/kg; SAR(10 g) = 0.467 W/kg
Maximum value of SAR (measured) = 0.957 W/kg



0 dB = 0.957 W/kg = -0.19 dBW/kg

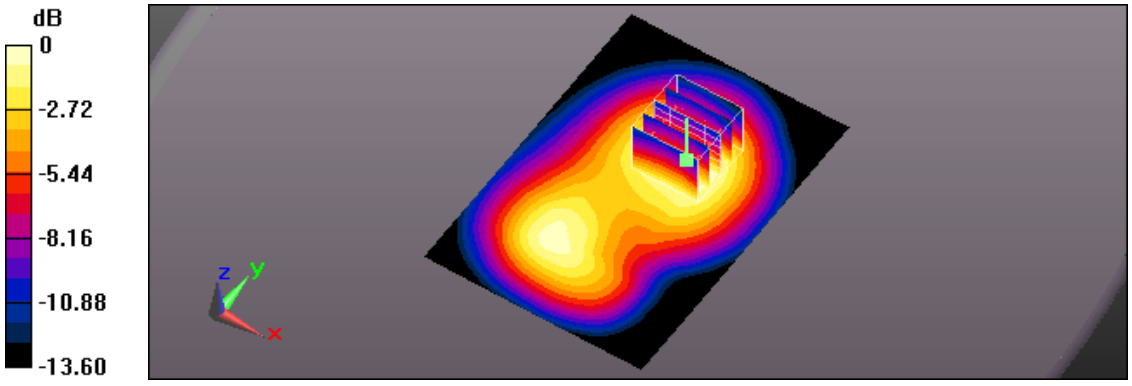
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/20 AM 11:28:01
26_LTE Band 4 CH20300_QPSK_BW 20 M_50RB Size 0RB Offset_Back_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.454 S/m; ε_r = 52.988; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.91, 7.91, 7.91); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.03 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 19.86 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.752 W/kg; SAR(10 g) = 0.490 W/kg
Maximum value of SAR (measured) = 1.01 W/kg



0 dB = 1.01 W/kg = 0.04 dBW/kg

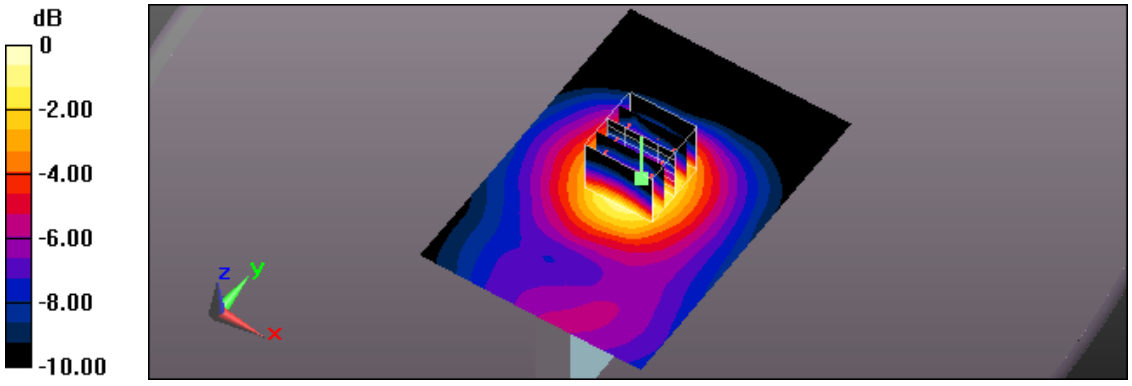
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/20 PM 01:42:26
32_LTE Band 4 CH20300_QPSK_BW 20 M_50RB Size 0RB Offset_Side1_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.454 S/m; ε_r = 52.988; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.91, 7.91, 7.91); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.177 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 11.42 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.204 W/kg
SAR(1 g) = 0.129 W/kg; SAR(10 g) = 0.081 W/kg
Maximum value of SAR (measured) = 0.178 W/kg



0 dB = 0.178 W/kg = -7.50 dBW/kg

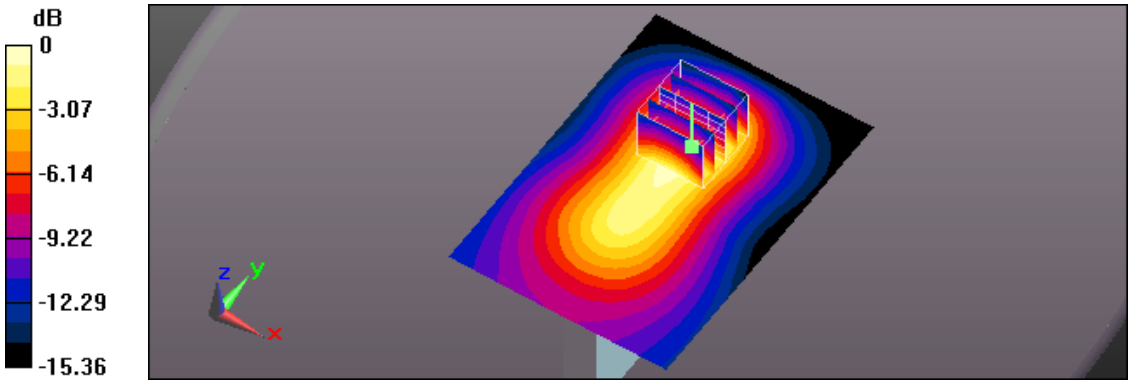
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/20 PM 01:07:21
30_LTE Band 4 CH20300_QPSK_BW 20 M_50RB Size 0RB Offset_Side3_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.454 S/m; ε_r = 52.988; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.91, 7.91, 7.91); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.822 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 21.71 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.949 W/kg
SAR(1 g) = 0.568 W/kg; SAR(10 g) = 0.341 W/kg
Maximum value of SAR (measured) = 0.799 W/kg



0 dB = 0.799 W/kg = -0.97 dBW/kg

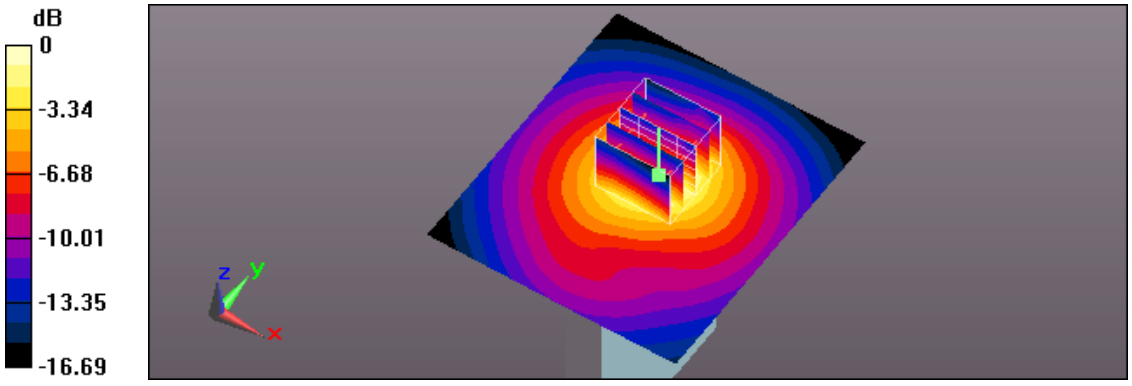
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/20 PM 02:17:20
34_LTE Band 4 CH20300_QPSK_BW 20 M_50RB Size 0RB Offset_Side4_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.454 S/m; ε_r = 52.988; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.91, 7.91, 7.91); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.574 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 19.32 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.664 W/kg
SAR(1 g) = 0.381 W/kg; SAR(10 g) = 0.219 W/kg
Maximum value of SAR (measured) = 0.559 W/kg



0 dB = 0.559 W/kg = -2.53 dBW/kg

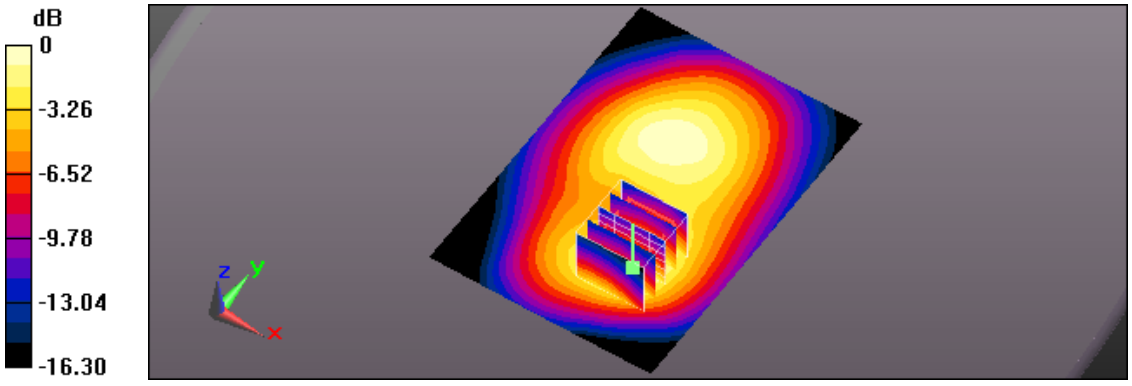
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/20 AM 10:27:53
25_LTE Band 4 CH20300_QPSK_BW 20 M_100RB Size 0RB Offset_Front_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.454 S/m; ε_r = 52.988; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.91, 7.91, 7.91); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.19 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 19.55 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.35 W/kg
SAR(1 g) = 0.817 W/kg; SAR(10 g) = 0.491 W/kg
Maximum value of SAR (measured) = 1.13 W/kg



0 dB = 1.13 W/kg = 0.53 dBW/kg

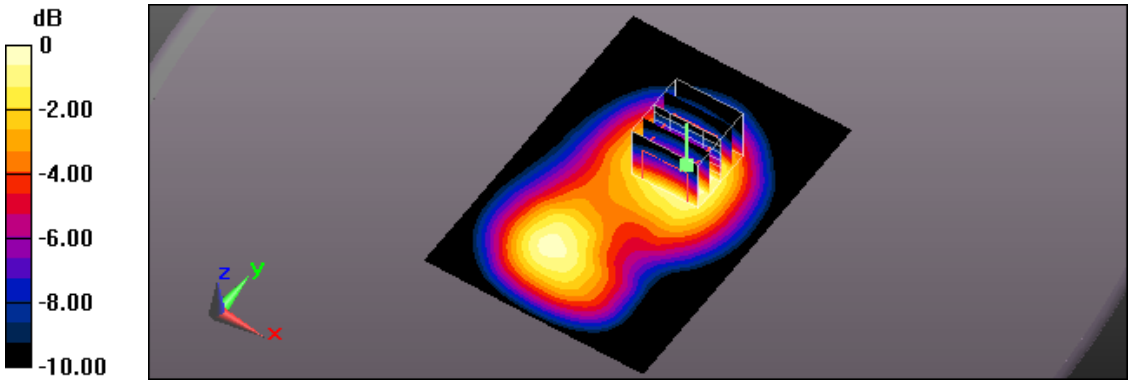
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/20 PM 12:45:10
29_LTE Band 4 CH20300_QPSK_BW 20 M_100RB Size 0RB Offset_Back_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.454 S/m; ε_r = 52.988; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.91, 7.91, 7.91); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.02 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 20.73 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.752 W/kg; SAR(10 g) = 0.487 W/kg
Maximum value of SAR (measured) = 1.01 W/kg



0 dB = 1.01 W/kg = 0.04 dBW/kg

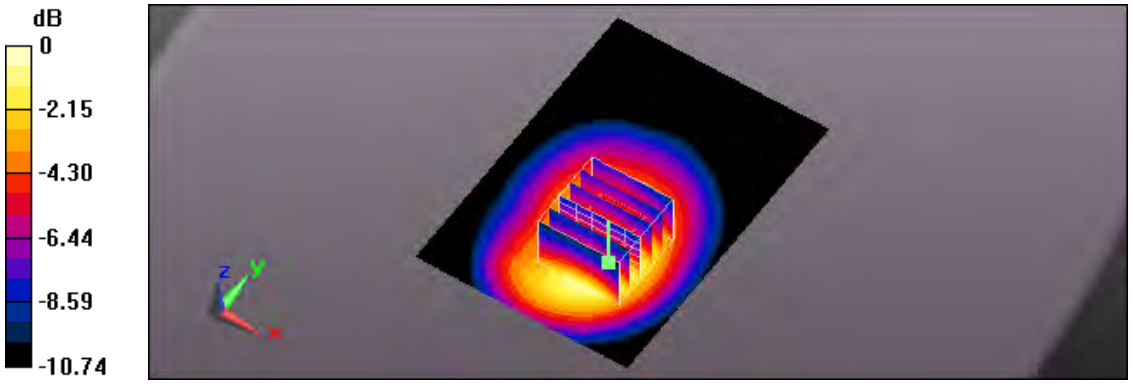
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 AM 09:57:21
135_LTE Band 5 CH20450_QPSK_BW 10 M_1RB Size 24RB Offset_Front_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 829 MHz;Duty Cycle: 1:1
Medium parameters used: f = 829 MHz; σ = 1.003 S/m; ε_r = 56.235; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.48, 9.48, 9.48); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.01 W/kg

Flat/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 24.01 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.785 W/kg; SAR(10 g) = 0.549 W/kg
Maximum value of SAR (measured) = 1.03 W/kg



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

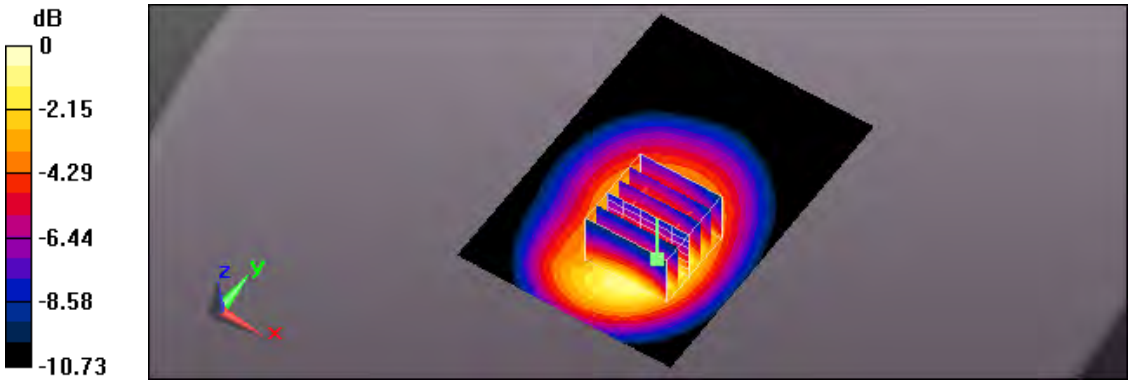
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 AM 10:15:57
136_LTE Band 5 CH20525_QPSK_BW 10 M_1RB Size 24RB Offset_Front_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.5 MHz; σ = 1.01 S/m; ε_r = 56.018; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.48, 9.48, 9.48); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.04 W/kg

Flat/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 25.68 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.809 W/kg; SAR(10 g) = 0.571 W/kg
Maximum value of SAR (measured) = 1.04 W/kg



0 dB = 1.04 W/kg = 0.17 dBW/kg

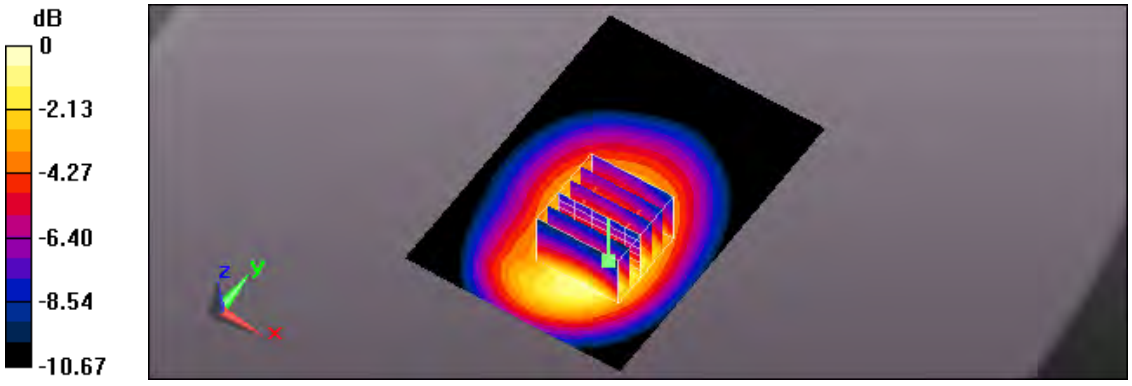
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 AM 09:34:48
134_LTE Band 5 CH20600_QPSK_BW 10 M_1RB Size 24RB Offset_Front_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 844 MHz;Duty Cycle: 1:1
Medium parameters used: f = 844 MHz; σ = 1.017 S/m; ε_r = 55.834; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.48, 9.48, 9.48); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.08 W/kg

Flat/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 26.93 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.22 W/kg
SAR(1 g) = 0.838 W/kg; SAR(10 g) = 0.596 W/kg
Maximum value of SAR (measured) = 1.07 W/kg



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

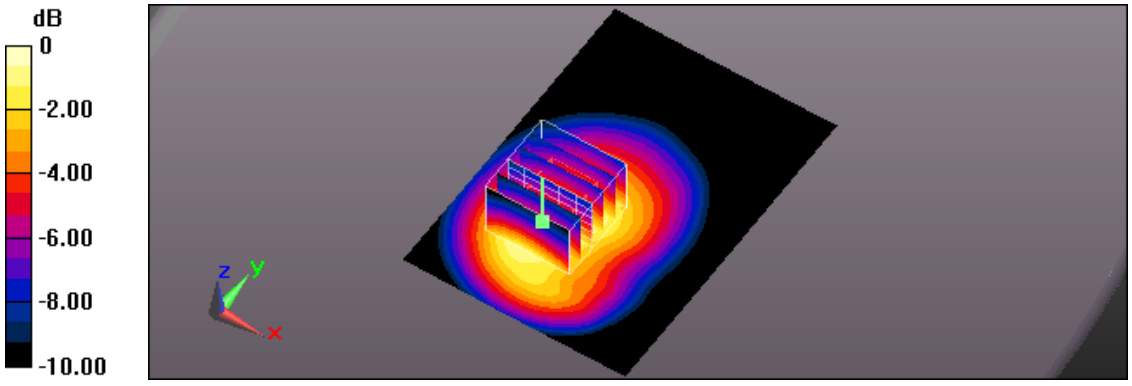
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 AM 06:53:08
128_LTE Band 5 CH20450_QPSK_BW 10 M_1RB Size 24RB Offset_Back_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 829 MHz;Duty Cycle: 1:1
Medium parameters used: f = 829 MHz; σ = 1.003 S/m; ε_r = 56.235; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.48, 9.48, 9.48); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.01 W/kg

Flat/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 25.39 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.13 W/kg
SAR(1 g) = 0.795 W/kg; SAR(10 g) = 0.561 W/kg
Maximum value of SAR (measured) = 1.00 W/kg



0 dB = 1.00 W/kg = 0.00 dBW/kg

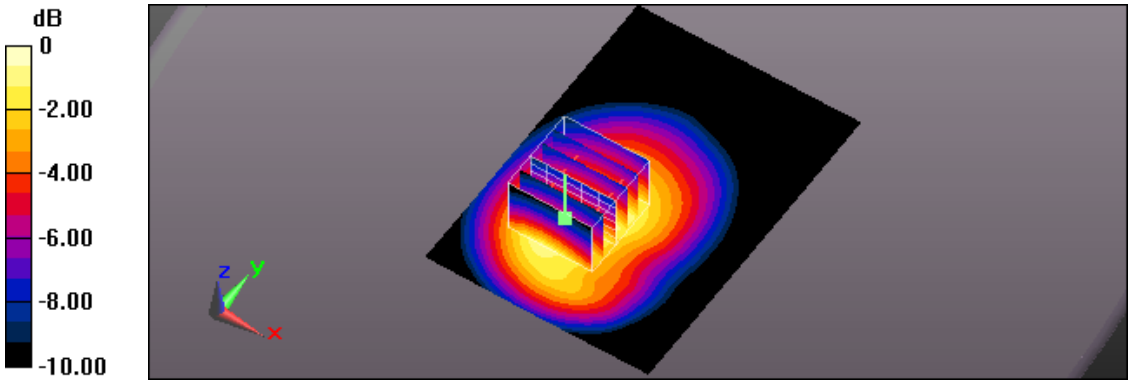
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 AM 07:11:26
129_LTE Band 5 CH20525_QPSK_BW 10 M_1RB Size 24RB Offset_Back_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.5 MHz; σ = 1.01 S/m; ε_r = 56.018; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.48, 9.48, 9.48); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.05 W/kg

Flat/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 26.80 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.832 W/kg; SAR(10 g) = 0.592 W/kg
Maximum value of SAR (measured) = 1.04 W/kg



0 dB = 1.04 W/kg = 0.17 dBW/kg

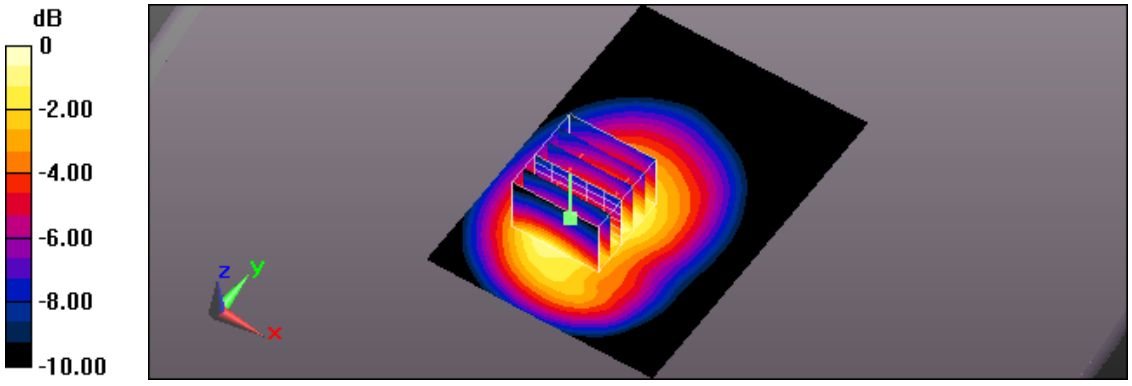
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 AM 06:34:20
44_LTE Band 5 CH20600_QPSK_BW 10 M_1RB Size 24RB Offset_Back_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 844 MHz;Duty Cycle: 1:1
Medium parameters used: f = 844 MHz; σ = 1.017 S/m; ε_r = 55.834; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.48, 9.48, 9.48); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.11 W/kg

Flat/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 28.27 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.883 W/kg; SAR(10 g) = 0.631 W/kg
Maximum value of SAR (measured) = 1.10 W/kg



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

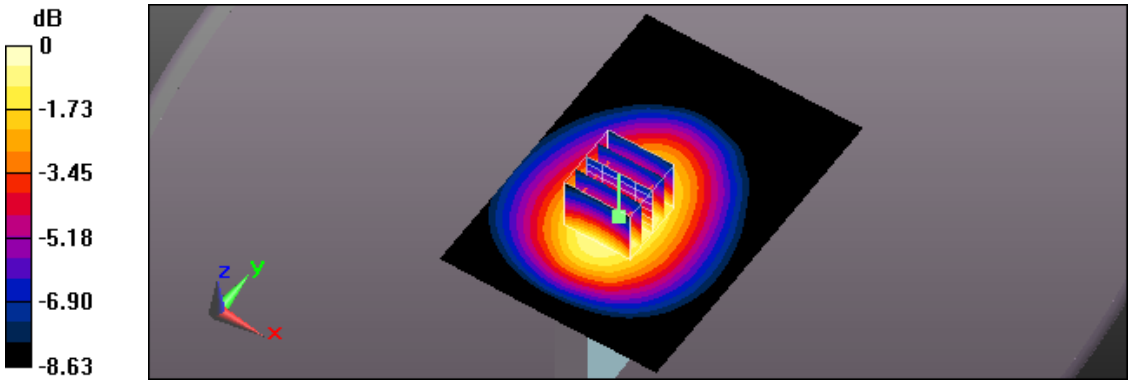
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 PM 01:47:18
141_LTE Band 5 CH20600_QPSK_BW 10 M_1RB Size 24RB Offset_Side1_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 844 MHz;Duty Cycle: 1:1
Medium parameters used: f = 844 MHz; σ = 1.017 S/m; ε_r = 55.834; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.48, 9.48, 9.48); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.496 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 21.71 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.550 W/kg
SAR(1 g) = 0.395 W/kg; SAR(10 g) = 0.287 W/kg
Maximum value of SAR (measured) = 0.496 W/kg



0 dB = 0.496 W/kg = -3.05 dBW/kg

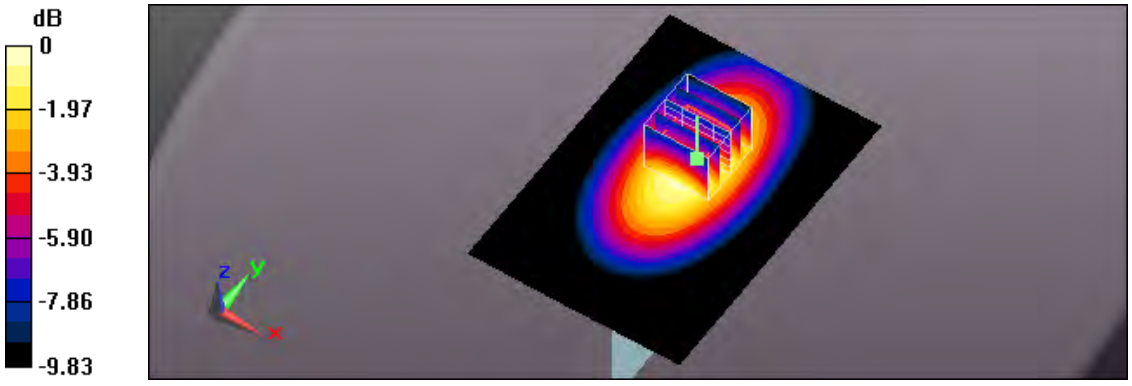
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 PM 02:29:00
143_LTE Band 5 CH20600_QPSK_BW 10 M_1RB Size 24RB Offset_Side3_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 844 MHz;Duty Cycle: 1:1
Medium parameters used: f = 844 MHz; σ = 1.017 S/m; ε_r = 55.834; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.48, 9.48, 9.48); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.646 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 24.44 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.729 W/kg
SAR(1 g) = 0.498 W/kg; SAR(10 g) = 0.345 W/kg
Maximum value of SAR (measured) = 0.647 W/kg



0 dB = 0.647 W/kg = -1.89 dBW/kg

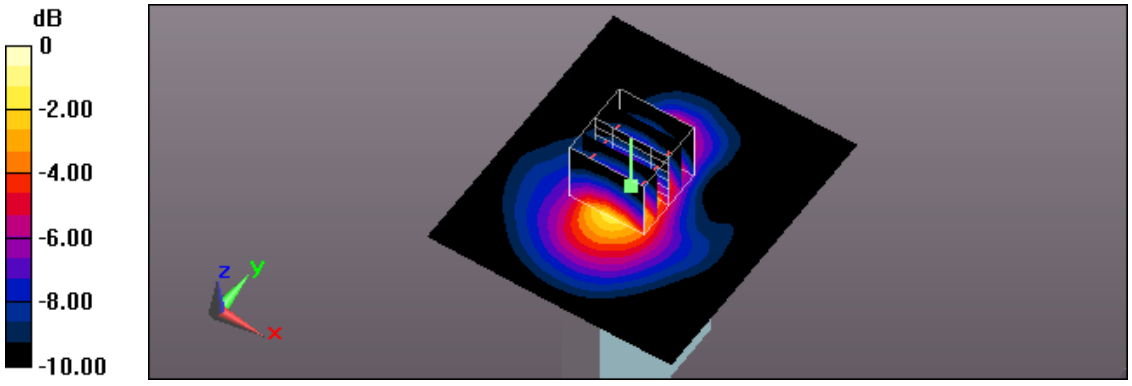
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 PM 03:19:49
145_LTE Band 5 CH20600_QPSK_BW 10 M_1RB Size 24RB Offset_Side4_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 844 MHz;Duty Cycle: 1:1
Medium parameters used: f = 844 MHz; σ = 1.017 S/m; ε_r = 55.834; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.48, 9.48, 9.48); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.385 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 20.29 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.476 W/kg
SAR(1 g) = 0.265 W/kg; SAR(10 g) = 0.154 W/kg
Maximum value of SAR (measured) = 0.399 W/kg



0 dB = 0.399 W/kg = -3.99 dBW/kg

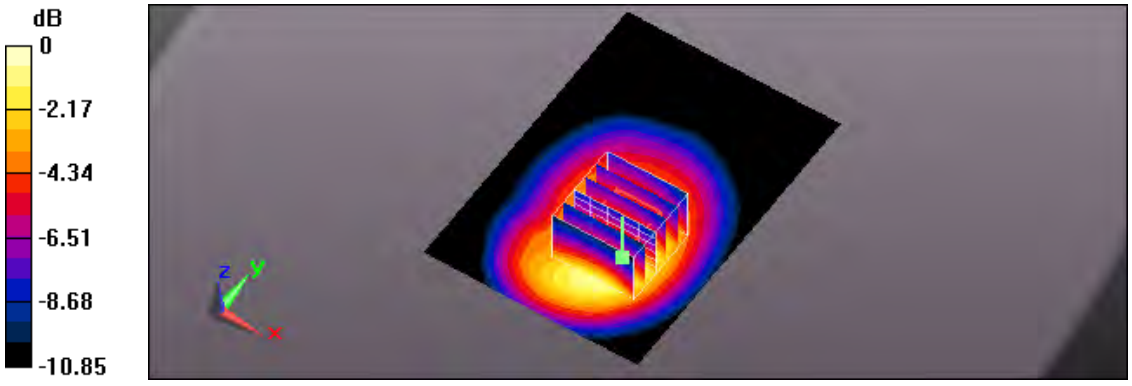
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 PM 12:40:27
138_LTE Band 5 CH20450_QPSK_BW 10 M_25RB Size 12RB Offset_Front_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 829 MHz;Duty Cycle: 1:1
Medium parameters used: f = 829 MHz; σ = 1.003 S/m; ε_r = 56.235; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.48, 9.48, 9.48); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.911 W/kg

Flat/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 22.59 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.04 W/kg
SAR(1 g) = 0.696 W/kg; SAR(10 g) = 0.482 W/kg
Maximum value of SAR (measured) = 0.906 W/kg



0 dB = 0.906 W/kg = -0.43 dBW/kg

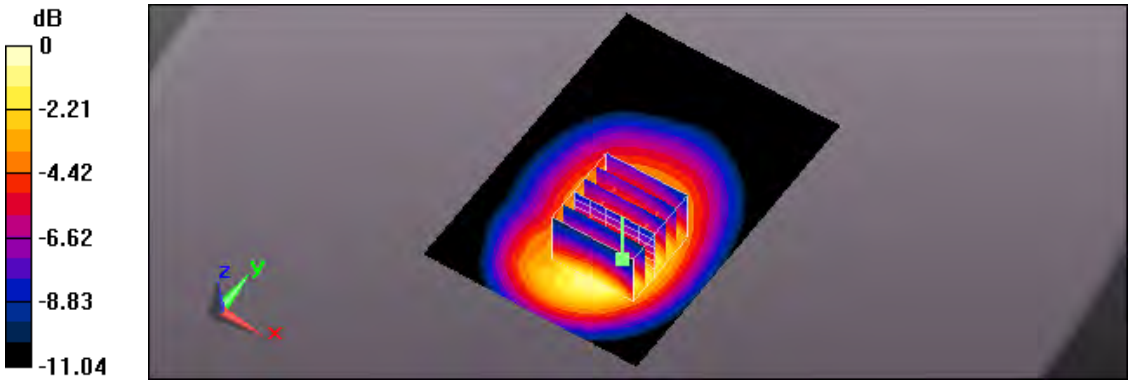
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 PM 01:03:22
139_LTE Band 5 CH20525_QPSK_BW 10 M_25RB Size 12RB Offset_Front_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.5 MHz; σ = 1.01 S/m; ε_r = 56.018; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.48, 9.48, 9.48); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.952 W/kg

Flat/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 23.95 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.731 W/kg; SAR(10 g) = 0.510 W/kg
Maximum value of SAR (measured) = 0.959 W/kg



0 dB = 0.959 W/kg = -0.18 dBW/kg

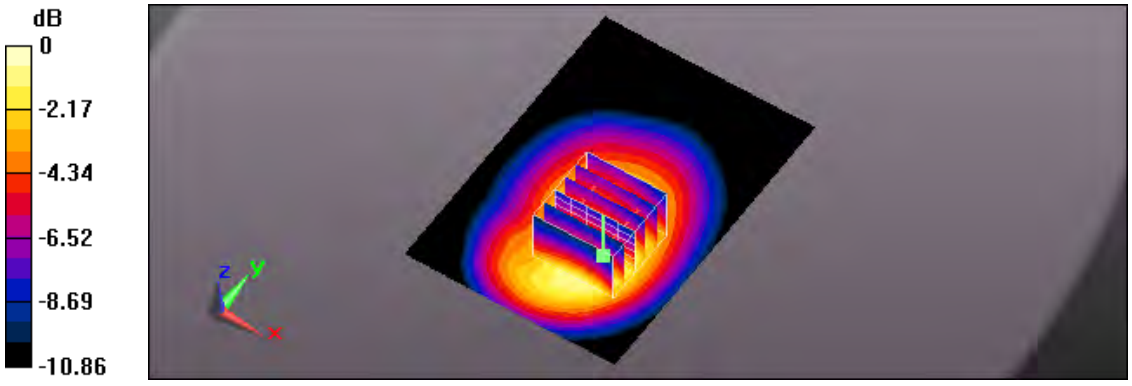
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 AM 11:39:30
137_LTE Band 5 CH20600_QPSK_BW 10 M_25RB Size 12RB Offset_Front_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 844 MHz;Duty Cycle: 1:1
Medium parameters used: f = 844 MHz; σ = 1.017 S/m; ε_r = 55.834; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.48, 9.48, 9.48); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.964 W/kg

Flat/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 24.71 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.735 W/kg; SAR(10 g) = 0.517 W/kg
Maximum value of SAR (measured) = 0.958 W/kg



0 dB = 0.958 W/kg = -0.19 dBW/kg

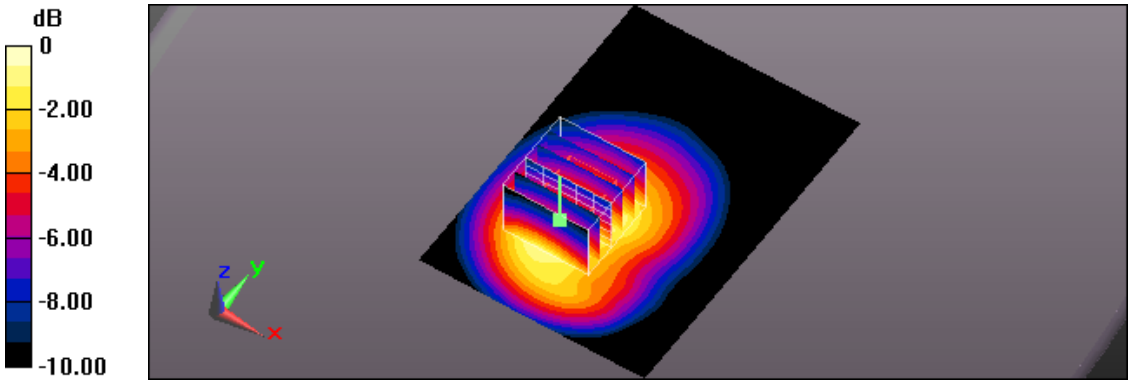
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 AM 07:48:39
131_LTE Band 5 CH20450_QPSK_BW 10 M_25RB Size 12RB Offset_Back_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 829 MHz;Duty Cycle: 1:1
Medium parameters used: f = 829 MHz; σ = 1.003 S/m; ε_r = 56.235; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.48, 9.48, 9.48); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.841 W/kg

Flat/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 23.07 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.937 W/kg
SAR(1 g) = 0.656 W/kg; SAR(10 g) = 0.463 W/kg
Maximum value of SAR (measured) = 0.830 W/kg



0 dB = 0.830 W/kg = -0.81 dBW/kg

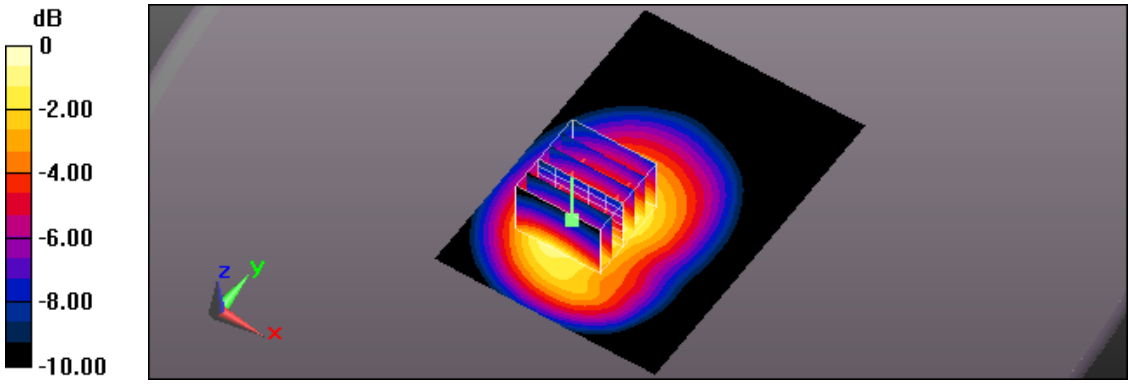
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 AM 08:07:00
132_LTE Band 5 CH20525_QPSK_BW 10 M_25RB Size 12RB Offset_Back_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 836.5 MHz; σ = 1.01 S/m; ε_r = 56.018; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.48, 9.48, 9.48); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.864 W/kg

Flat/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 24.34 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.980 W/kg
SAR(1 g) = 0.686 W/kg; SAR(10 g) = 0.488 W/kg
Maximum value of SAR (measured) = 0.870 W/kg



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

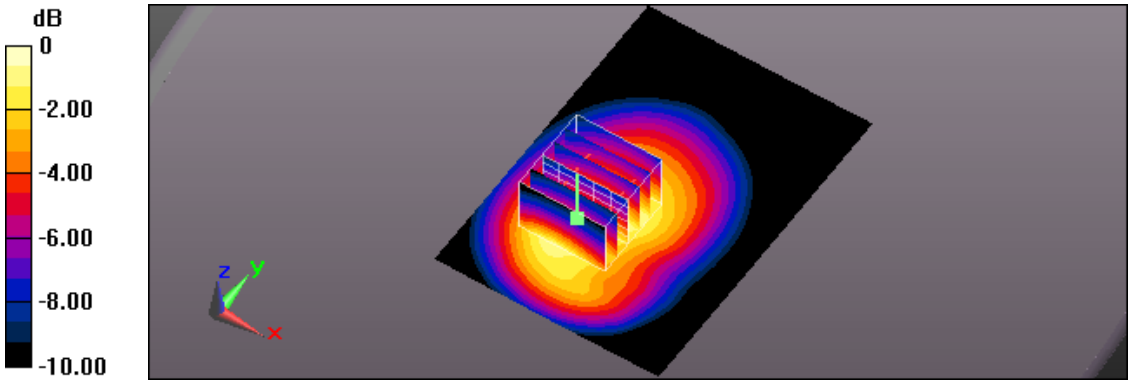
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 AM 07:30:14
130_LTE Band 5 CH20600_QPSK_BW 10 M_25RB Size 12RB Offset_Back_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 844 MHz;Duty Cycle: 1:1
Medium parameters used: f = 844 MHz; σ = 1.017 S/m; ε_r = 55.834; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.48, 9.48, 9.48); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.912 W/kg

Flat/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 25.56 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.720 W/kg; SAR(10 g) = 0.515 W/kg
Maximum value of SAR (measured) = 0.899 W/kg



0 dB = 0.899 W/kg = -0.46 dBW/kg

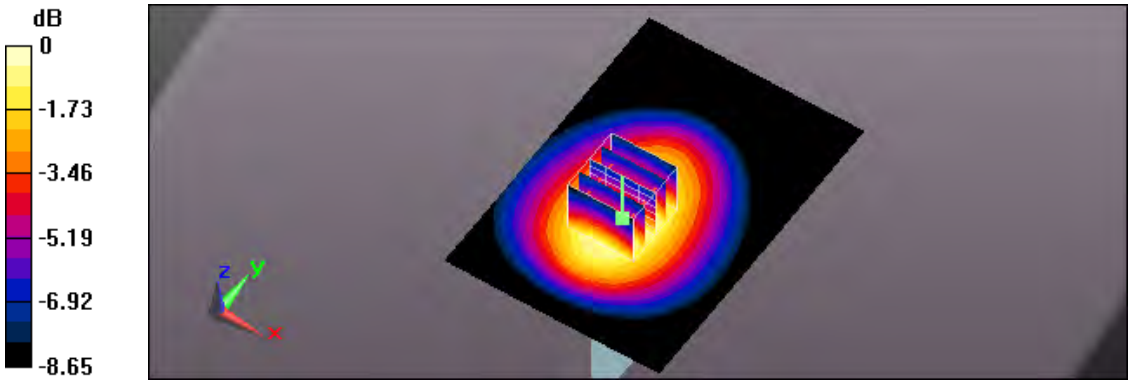
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 PM 02:06:55
142_LTE Band 5 CH20600_QPSK_BW 10 M_25RB Size 12RB Offset_Side1_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 844 MHz;Duty Cycle: 1:1
Medium parameters used: f = 844 MHz; σ = 1.017 S/m; ε_r = 55.834; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.48, 9.48, 9.48); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.418 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 19.86 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.463 W/kg
SAR(1 g) = 0.331 W/kg; SAR(10 g) = 0.241 W/kg
Maximum value of SAR (measured) = 0.416 W/kg



0 dB = 0.416 W/kg = -3.81 dBW/kg

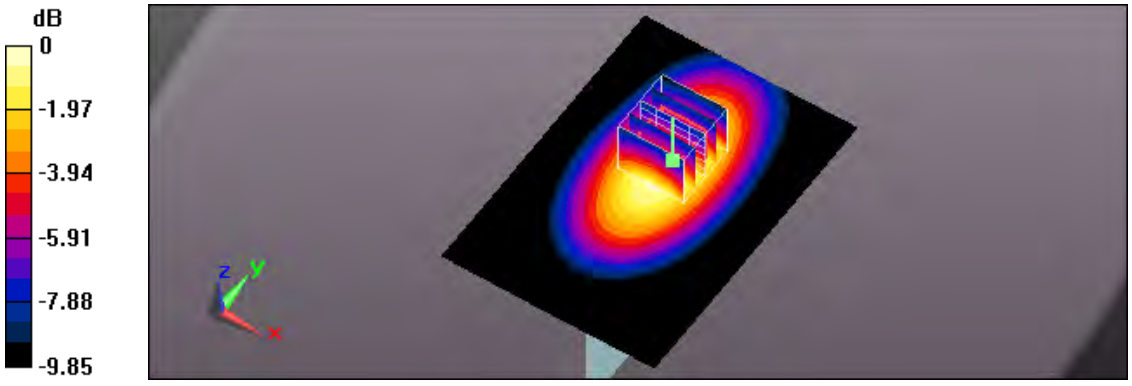
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 PM 02:58:27
144_LTE Band 5 CH20600_QPSK_BW 10 M_25RB Size 12RB Offset_Side3_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 844 MHz;Duty Cycle: 1:1
Medium parameters used: f = 844 MHz; σ = 1.017 S/m; ε_r = 55.834; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.48, 9.48, 9.48); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.533 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 22.15 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.602 W/kg
SAR(1 g) = 0.409 W/kg; SAR(10 g) = 0.283 W/kg
Maximum value of SAR (measured) = 0.534 W/kg



0 dB = 0.534 W/kg = -2.72 dBW/kg

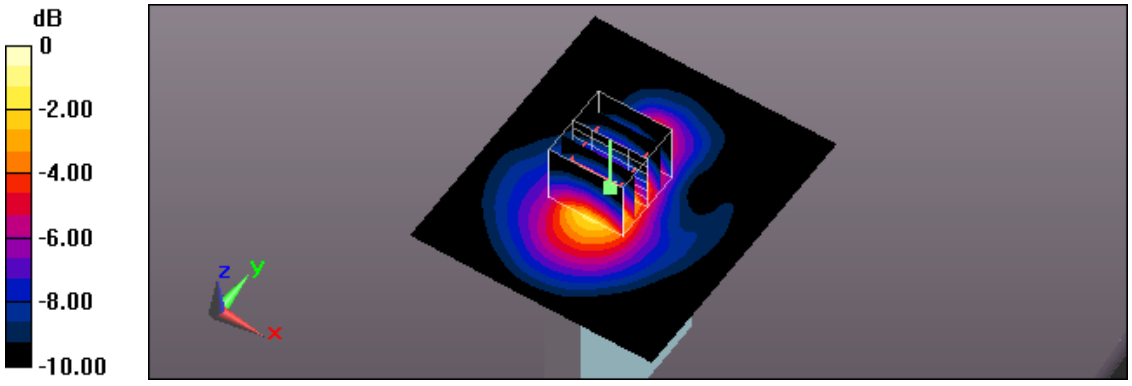
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 PM 03:37:42
146_LTE Band 5 CH20600_QPSK_BW 10 M_25RB Size 12RB Offset_Side4_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 844 MHz;Duty Cycle: 1:1
Medium parameters used: f = 844 MHz; σ = 1.017 S/m; ε_r = 55.834; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.48, 9.48, 9.48); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.319 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 18.55 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.391 W/kg
SAR(1 g) = 0.219 W/kg; SAR(10 g) = 0.127 W/kg
Maximum value of SAR (measured) = 0.325 W/kg



0 dB = 0.325 W/kg = -4.88 dBW/kg

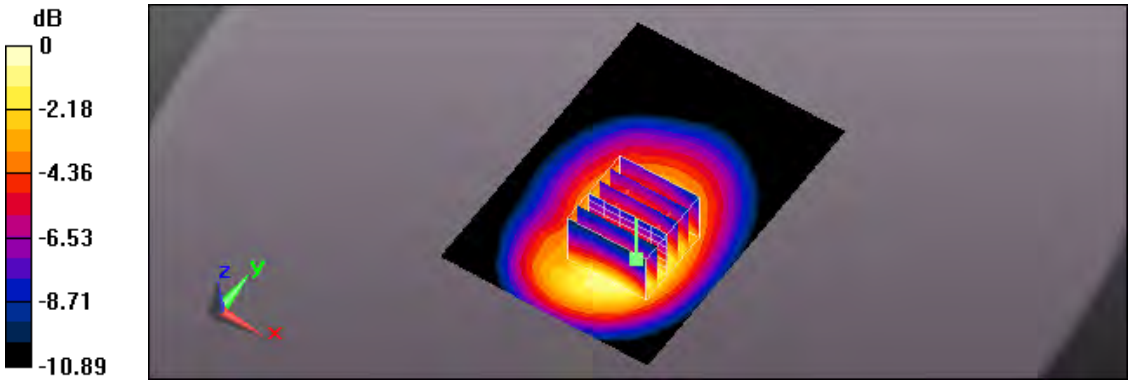
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 PM 01:22:50
140_LTE Band 5 CH20600_QPSK_BW 10 M_50RB Size 0RB Offset_Front_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 844 MHz;Duty Cycle: 1:1
Medium parameters used: f = 844 MHz; σ = 1.017 S/m; ε_r = 55.834; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.48, 9.48, 9.48); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.964 W/kg

Flat/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 24.75 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.08 W/kg
SAR(1 g) = 0.734 W/kg; SAR(10 g) = 0.516 W/kg
Maximum value of SAR (measured) = 0.947 W/kg



0 dB = 0.947 W/kg = -0.24 dBW/kg

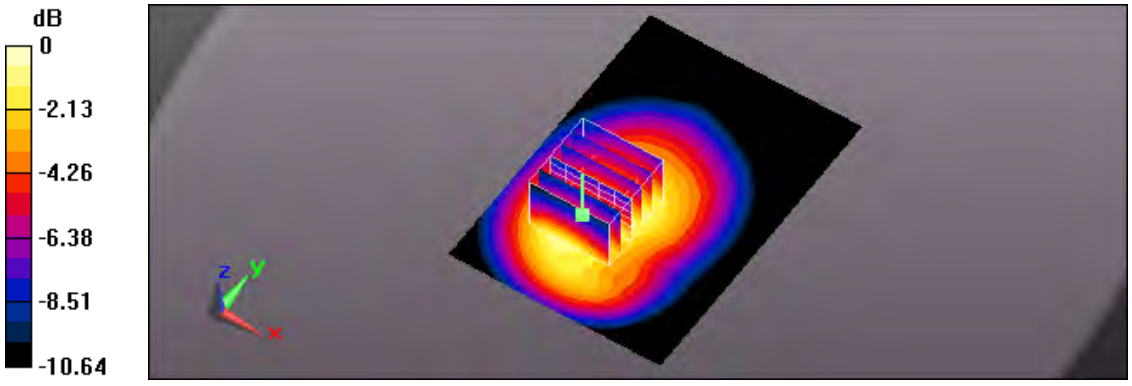
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 AM 08:43:04
133_LTE Band 5 CH20600_QPSK_BW 10 M_50RB Size 0RB Offset_Back_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 844 MHz;Duty Cycle: 1:1
Medium parameters used: f = 844 MHz; σ = 1.017 S/m; ε_r = 55.834; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.48, 9.48, 9.48); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.883 W/kg

Flat/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 25.40 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.00 W/kg
SAR(1 g) = 0.706 W/kg; SAR(10 g) = 0.505 W/kg
Maximum value of SAR (measured) = 0.888 W/kg



0 dB = 0.888 W/kg = -0.52 dBW/kg

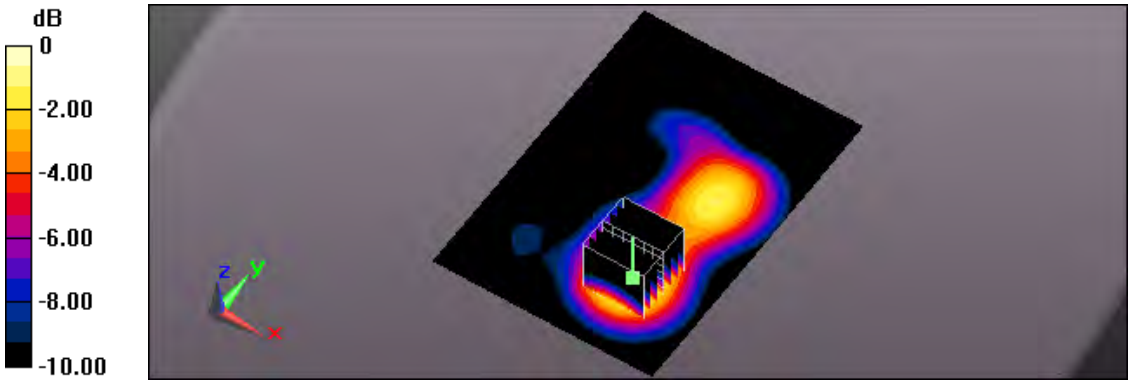
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/28 AM 07:36:32
103_LTE Band 7 CH20850_QPSK_BW 20 M_1RB Size 99RB Offset_Front_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 2510 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2510 MHz; σ = 2.1 S/m; ε_r = 53.85; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.18, 7.18, 7.18); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.42 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 11.42 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.74 W/kg
SAR(1 g) = 0.910 W/kg; SAR(10 g) = 0.488 W/kg
Maximum value of SAR (measured) = 1.40 W/kg



0 dB = 1.40 W/kg = 1.46 dBW/kg

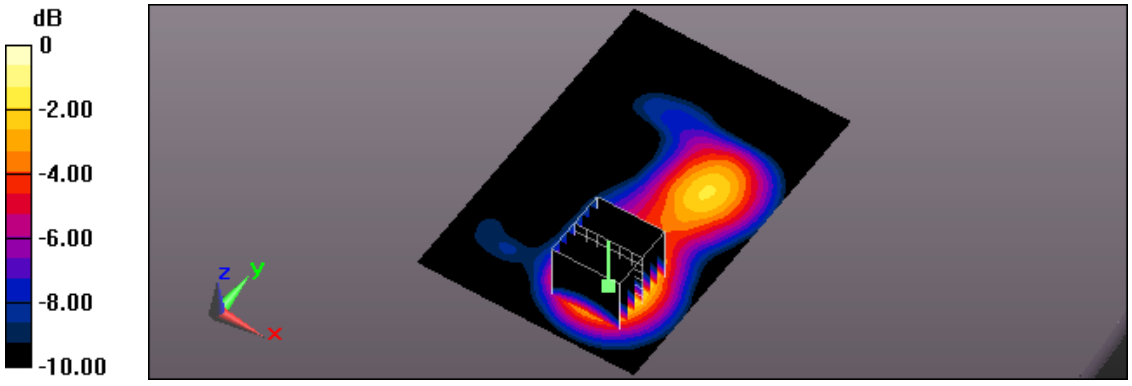
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/28 AM 06:04:33
66_LTE Band 7 CH21100_QPSK_BW 20 M_1RB Size 99RB Offset_Front_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2535 MHz; σ = 2.137 S/m; ε_r = 53.757; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.18, 7.18, 7.18); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (81x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.66 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 9.225 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.97 W/kg
SAR(1 g) = 0.985 W/kg; SAR(10 g) = 0.516 W/kg
Maximum value of SAR (measured) = 1.57 W/kg



0 dB = 1.57 W/kg = 1.96 dBW/kg

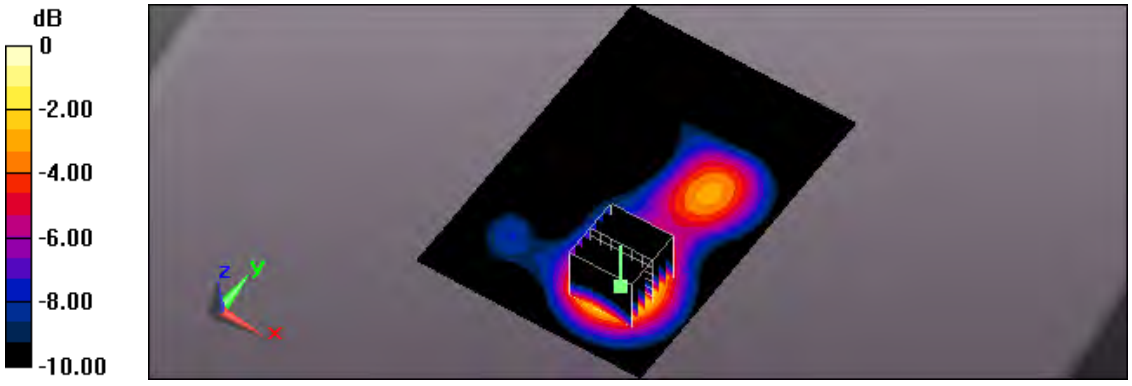
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/28 AM 08:05:04
104_LTE Band 7 CH21350_QPSK_BW 20 M_1RB Size 99RB Offset_Front_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 2560 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2560 MHz; σ = 2.175 S/m; ε_r = 53.649; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.18, 7.18, 7.18); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.958 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 8.109 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 1.20 W/kg
SAR(1 g) = 0.616 W/kg; SAR(10 g) = 0.325 W/kg
Maximum value of SAR (measured) = 0.967 W/kg



0 dB = 0.967 W/kg = -0.15 dBW/kg

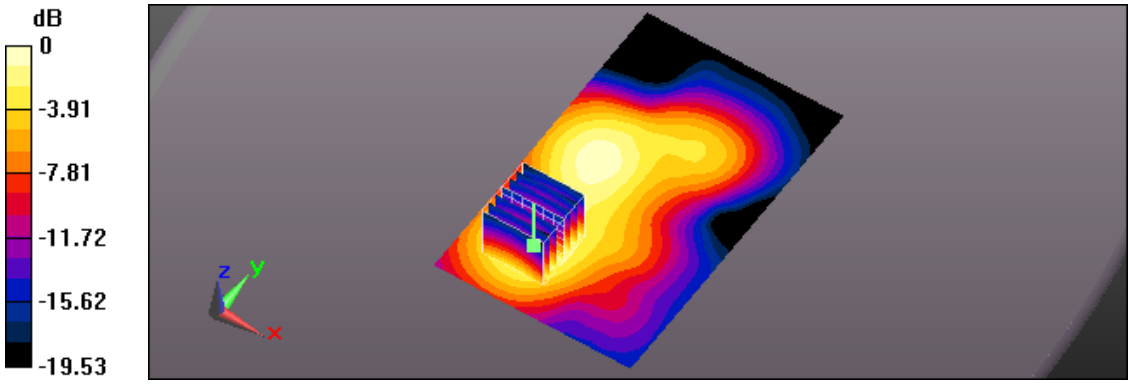
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/28 AM 11:44:16
110_LTE Band 7 CH20850_QPSK_BW 20 M_1RB Size 99RB Offset_Back_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 2510 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2510 MHz; σ = 2.1 S/m; ε_r = 53.85; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.18, 7.18, 7.18); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (81x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.04 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 16.65 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.29 W/kg
SAR(1 g) = 0.662 W/kg; SAR(10 g) = 0.353 W/kg
Maximum value of SAR (measured) = 1.03 W/kg



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

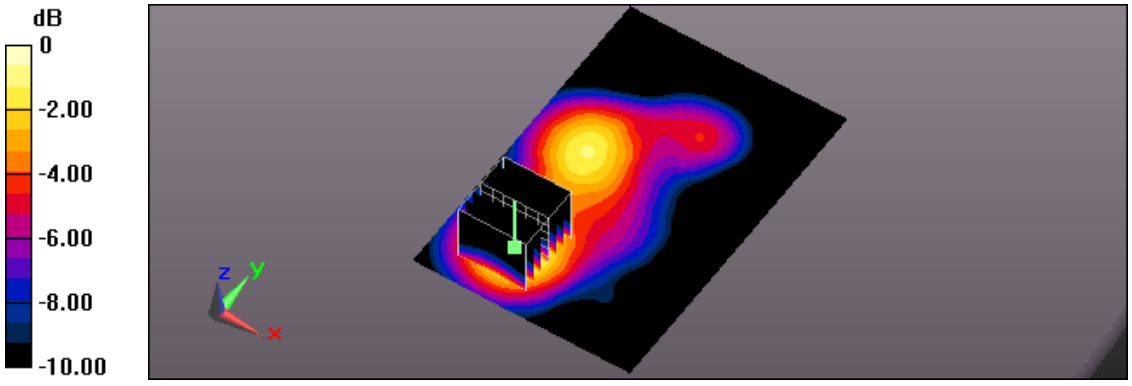
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/28 AM 06:33:36
67_LTE Band 7 CH21100_QPSK_BW 20 M_1RB Size 99RB Offset_Back_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2535 MHz; σ = 2.137 S/m; ε_r = 53.757; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.18, 7.18, 7.18); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (81x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.28 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 16.30 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.51 W/kg
SAR(1 g) = 0.746 W/kg; SAR(10 g) = 0.390 W/kg
Maximum value of SAR (measured) = 1.20 W/kg



0 dB = 1.20 W/kg = 0.79 dBW/kg

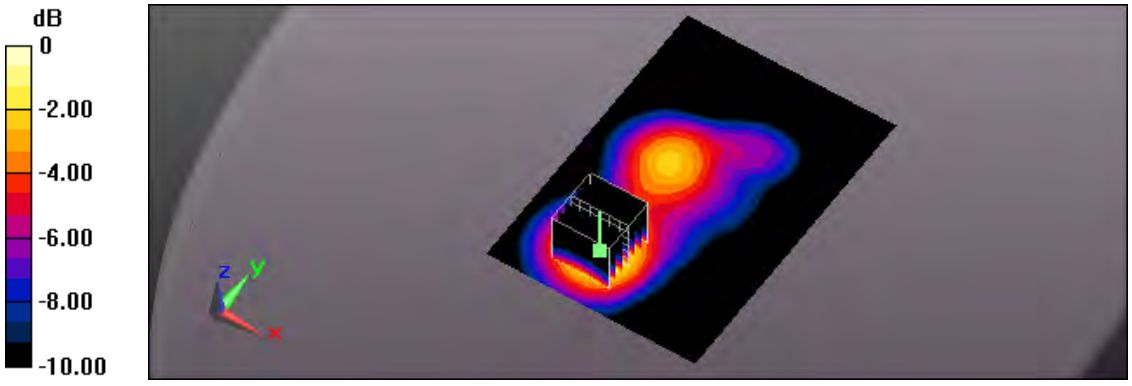
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/28 PM 12:49:10
111_LTE Band 7 CH21350_QPSK_BW 20 M_1RB Size 99RB Offset_Back_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 2560 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2560 MHz; σ = 2.175 S/m; ε_r = 53.649; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.18, 7.18, 7.18); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.765 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 11.78 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.946 W/kg
SAR(1 g) = 0.476 W/kg; SAR(10 g) = 0.252 W/kg
Maximum value of SAR (measured) = 0.755 W/kg



0 dB = 0.755 W/kg = -1.22 dBW/kg

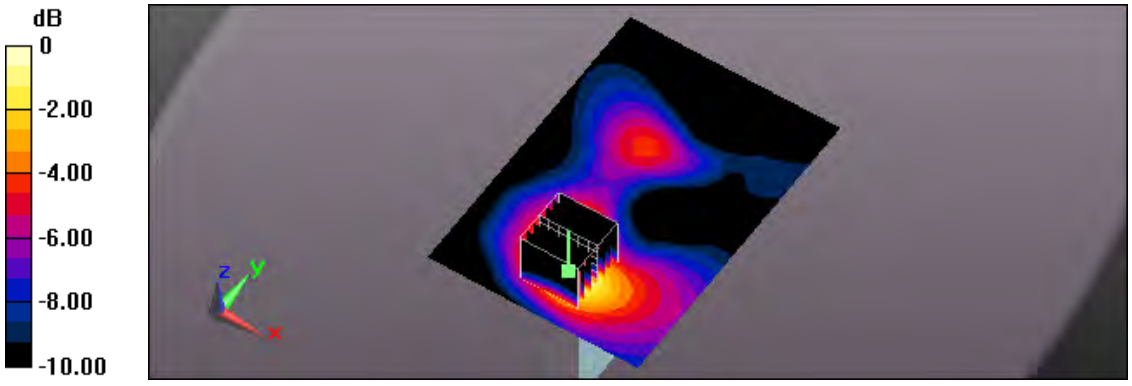
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/28 PM 06:29:21
114_LTE Band 7 CH21100_QPSK_BW 20 M_1RB Size 99RB Offset_Side1_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2535 MHz; σ = 2.137 S/m; ε_r = 53.757; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.18, 7.18, 7.18); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.215 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 3.731 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.269 W/kg
SAR(1 g) = 0.133 W/kg; SAR(10 g) = 0.069 W/kg
Maximum value of SAR (measured) = 0.214 W/kg



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

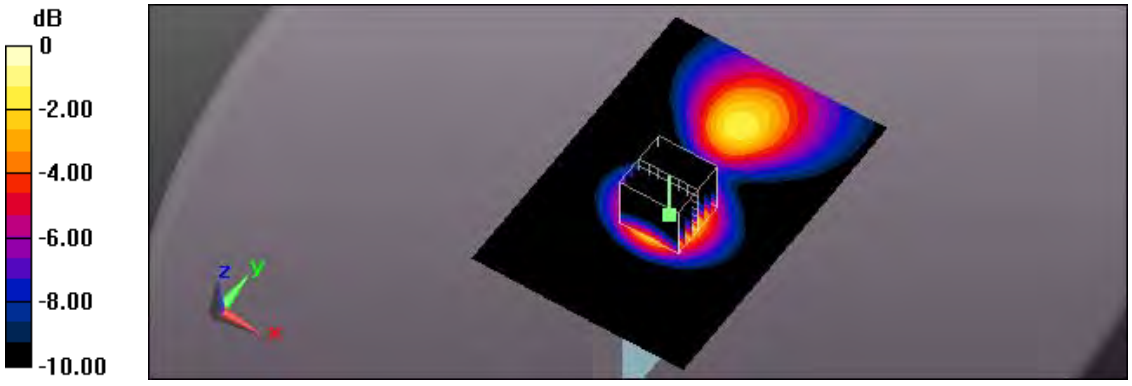
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/28 PM 07:00:31
115_LTE Band 7 CH20850_QPSK_BW 20 M_1RB Size 99RB Offset_Side3_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 2510 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2510 MHz; σ = 2.1 S/m; ε_r = 53.85; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.18, 7.18, 7.18); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.37 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 21.89 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.66 W/kg
SAR(1 g) = 0.849 W/kg; SAR(10 g) = 0.442 W/kg
Maximum value of SAR (measured) = 1.34 W/kg



0 dB = 1.34 W/kg = 1.27 dBW/kg

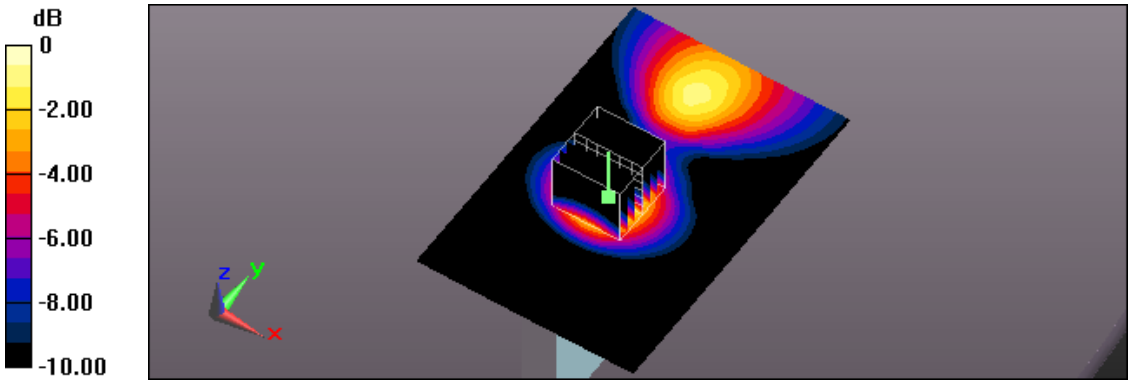
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/28 AM 07:05:18
68_LTE Band 7 CH21100_QPSK_BW 20 M_1RB Size 99RB Offset_Side3_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2535 MHz; σ = 2.137 S/m; ε_r = 53.757; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.18, 7.18, 7.18); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (81x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.15 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 20.92 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.40 W/kg
SAR(1 g) = 0.704 W/kg; SAR(10 g) = 0.365 W/kg
Maximum value of SAR (measured) = 1.12 W/kg



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

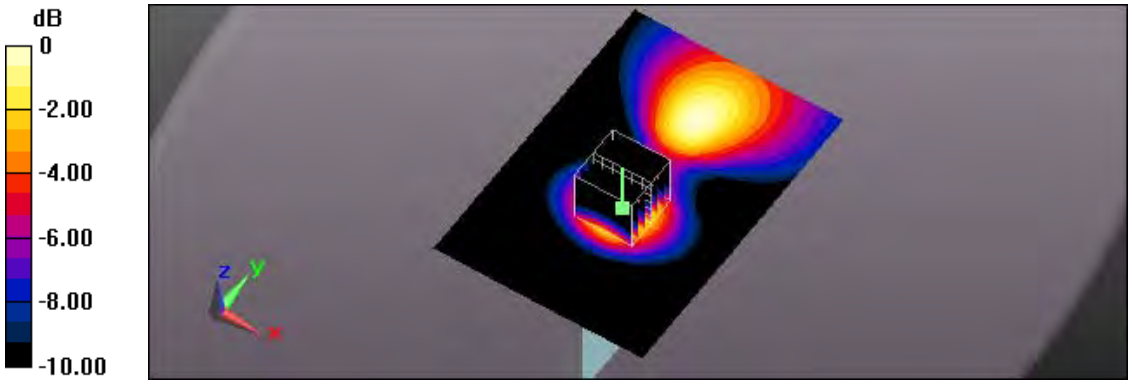
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/28 PM 07:30:58
116_LTE Band 7 CH21350_QPSK_BW 20 M_1RB Size 99RB Offset_Side3_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 2560 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2560 MHz; σ = 2.175 S/m; ε_r = 53.649; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.18, 7.18, 7.18); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.709 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 14.06 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.856 W/kg
SAR(1 g) = 0.432 W/kg; SAR(10 g) = 0.224 W/kg
Maximum value of SAR (measured) = 0.685 W/kg



0 dB = 0.685 W/kg = -1.64 dBW/kg

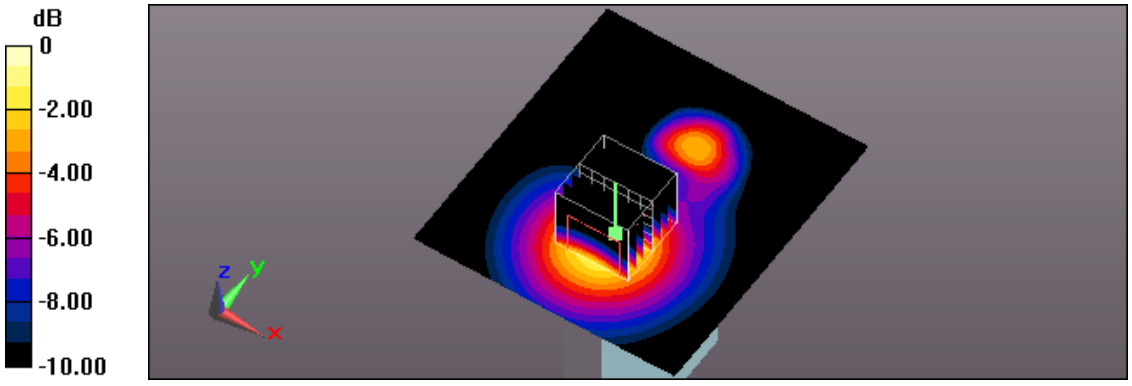
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/28 PM 11:08:16
122_LTE Band 7 CH20850_QPSK_BW 20 M_1RB Size 99RB Offset_Side4_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 2510 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2510 MHz; σ = 2.1 S/m; ε_r = 53.85; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.18, 7.18, 7.18); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.19 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 10.82 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.51 W/kg
SAR(1 g) = 0.744 W/kg; SAR(10 g) = 0.386 W/kg
Maximum value of SAR (measured) = 1.19 W/kg



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

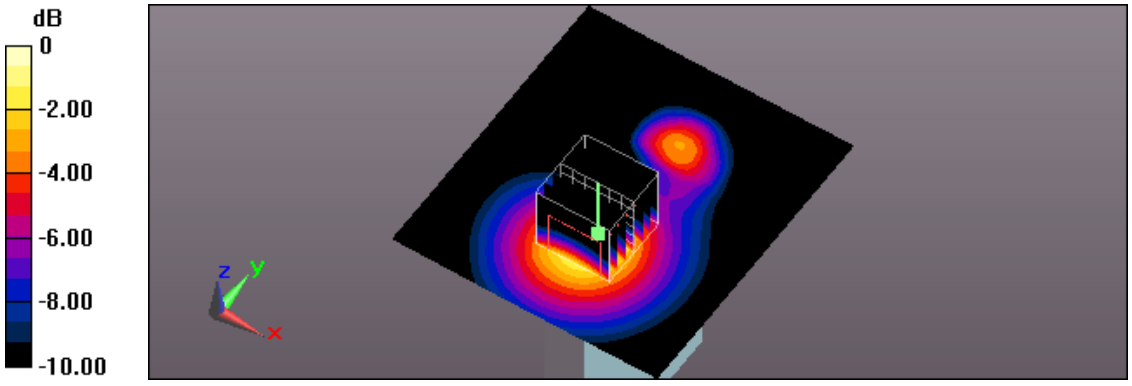
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/28 PM 10:43:20
120_LTE Band 7 CH21100_QPSK_BW 20 M_1RB Size 99RB Offset_Side4_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2535 MHz; σ = 2.137 S/m; ε_r = 53.757; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.18, 7.18, 7.18); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.34 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 11.65 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.67 W/kg
SAR(1 g) = 0.829 W/kg; SAR(10 g) = 0.426 W/kg
Maximum value of SAR (measured) = 1.32 W/kg



0 dB = 1.32 W/kg = 1.21 dBW/kg

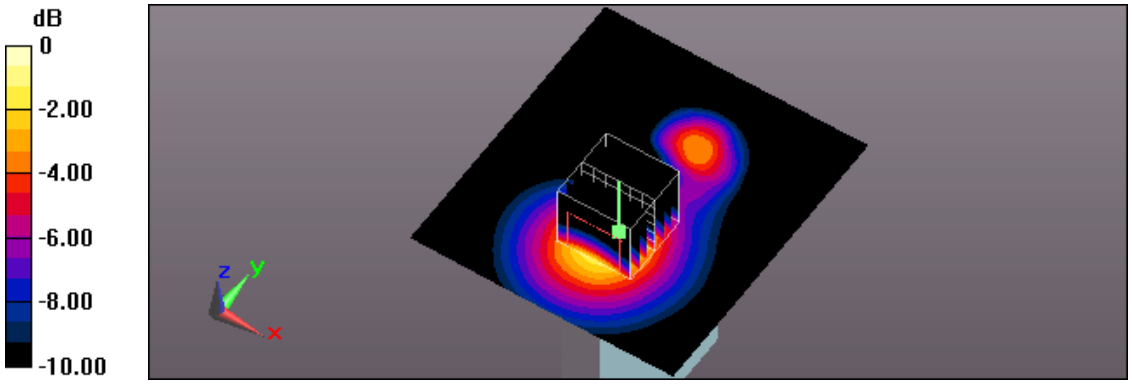
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/28 PM 11:31:48
123_LTE Band 7 CH21350_QPSK_BW 20 M_1RB Size 99RB Offset_Side4_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 2560 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2560 MHz; σ = 2.175 S/m; ε_r = 53.649; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.18, 7.18, 7.18); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.24 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 12.61 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 1.56 W/kg
SAR(1 g) = 0.754 W/kg; SAR(10 g) = 0.380 W/kg
Maximum value of SAR (measured) = 1.22 W/kg



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

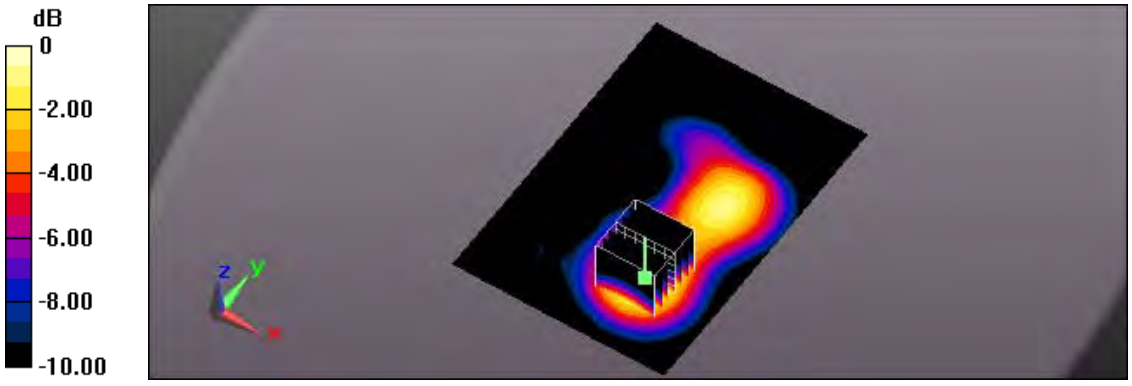
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/28 AM 09:08:29
106_LTE Band 7 CH20850_QPSK_BW 20 M_50RB Size 0RB Offset_Front_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 2510 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2510 MHz; σ = 2.1 S/m; ε_r = 53.85; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.18, 7.18, 7.18); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.17 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 10.17 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 1.44 W/kg
SAR(1 g) = 0.750 W/kg; SAR(10 g) = 0.406 W/kg
Maximum value of SAR (measured) = 1.15 W/kg



0 dB = 1.15 W/kg = 0.61 dBW/kg

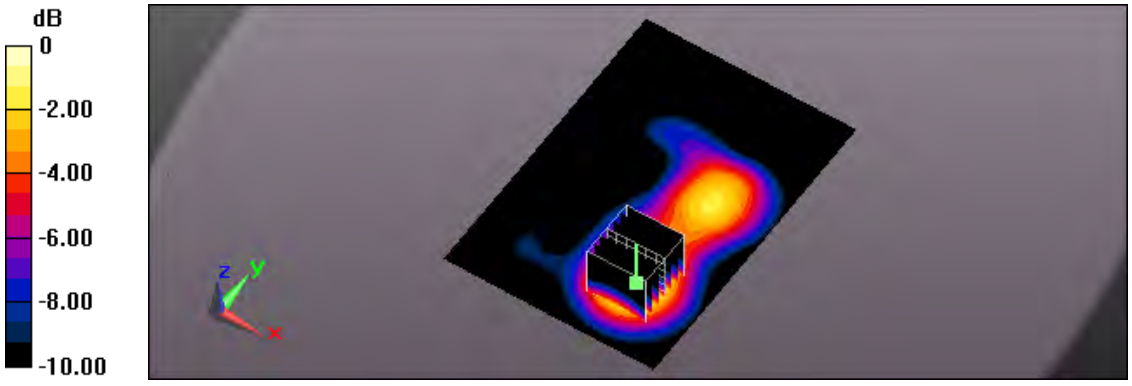
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/28 AM 09:55:09
107_LTE Band 7 CH21100_QPSK_BW 20 M_50RB Size 0RB Offset_Front_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2535 MHz; σ = 2.137 S/m; ε_r = 53.757; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.18, 7.18, 7.18); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.16 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 9.684 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.46 W/kg
SAR(1 g) = 0.752 W/kg; SAR(10 g) = 0.401 W/kg
Maximum value of SAR (measured) = 1.17 W/kg



0 dB = 1.17 W/kg = 0.68 dBW/kg

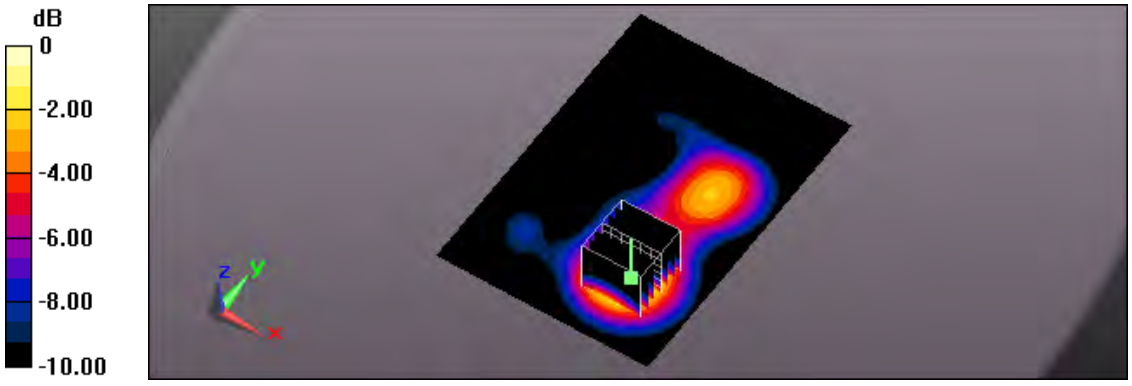
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/28 AM 08:34:16
105_LTE Band 7 CH21350_QPSK_BW 20 M_50RB Size 0RB Offset_Front_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 2560 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2560 MHz; σ = 2.175 S/m; ε_r = 53.649; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.18, 7.18, 7.18); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.12 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 9.086 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.40 W/kg
SAR(1 g) = 0.720 W/kg; SAR(10 g) = 0.380 W/kg
Maximum value of SAR (measured) = 1.12 W/kg



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

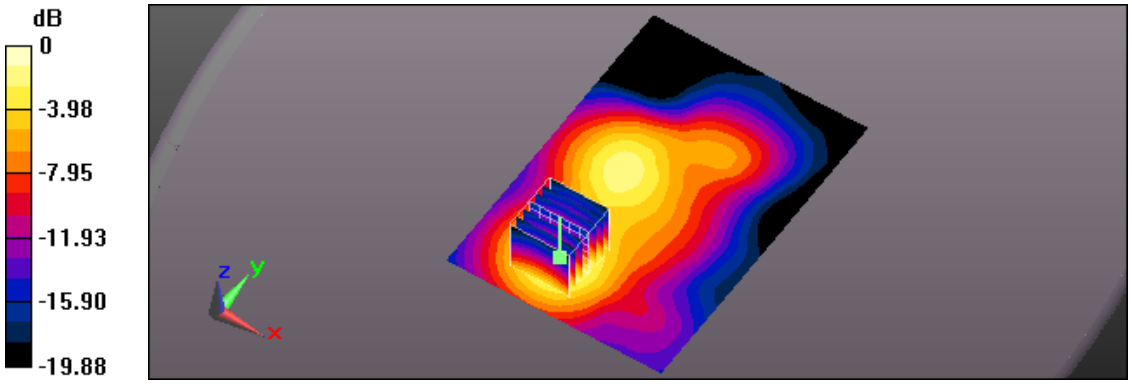
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/28 PM 05:28:06
112_LTE Band 7 CH21350_QPSK_BW 20 M_50RB Size 0RB Offset_Back_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 2560 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2560 MHz; σ = 2.175 S/m; ε_r = 53.649; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.18, 7.18, 7.18); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.989 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 13.18 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.628 W/kg; SAR(10 g) = 0.326 W/kg
Maximum value of SAR (measured) = 1.00 W/kg



0 dB = 1.00 W/kg = 0.00 dBW/kg

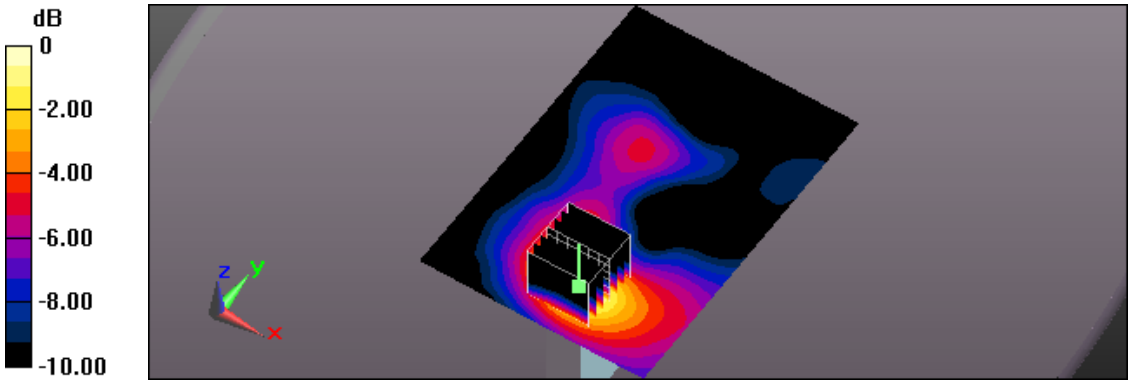
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/28 PM 08:17:14
117_LTE Band 7 CH21350_QPSK_BW 20 M_50RB Size 0RB Offset_Side1_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 2560 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2560 MHz; σ = 2.175 S/m; ε_r = 53.649; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.18, 7.18, 7.18); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.161 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 3.597 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.202 W/kg
SAR(1 g) = 0.099 W/kg; SAR(10 g) = 0.052 W/kg
Maximum value of SAR (measured) = 0.159 W/kg



0 dB = 0.159 W/kg = -7.99 dBW/kg

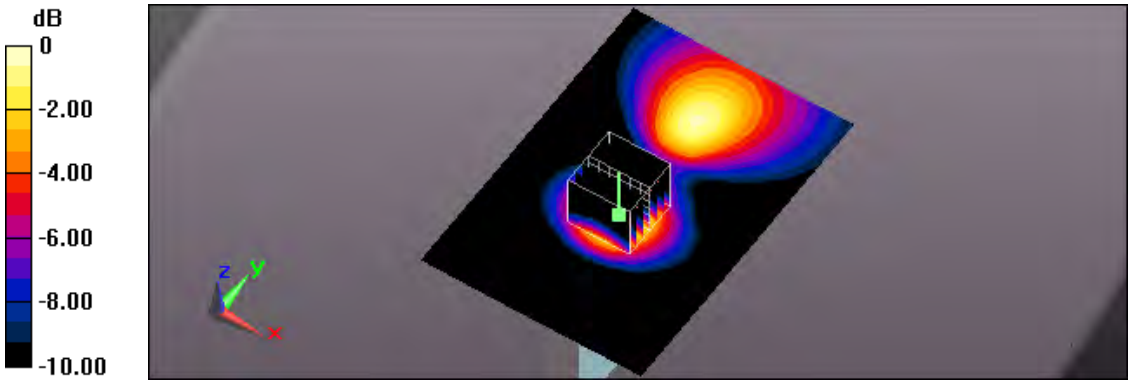
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/28 PM 09:16:46
118_LTE Band 7 CH21350_QPSK_BW 20 M_50RB Size 0RB Offset_Side3_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 2560 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2560 MHz; σ = 2.175 S/m; ε_r = 53.649; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.18, 7.18, 7.18); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.898 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 16.16 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.08 W/kg
SAR(1 g) = 0.544 W/kg; SAR(10 g) = 0.280 W/kg
Maximum value of SAR (measured) = 0.865 W/kg



0 dB = 0.865 W/kg = -0.63 dBW/kg

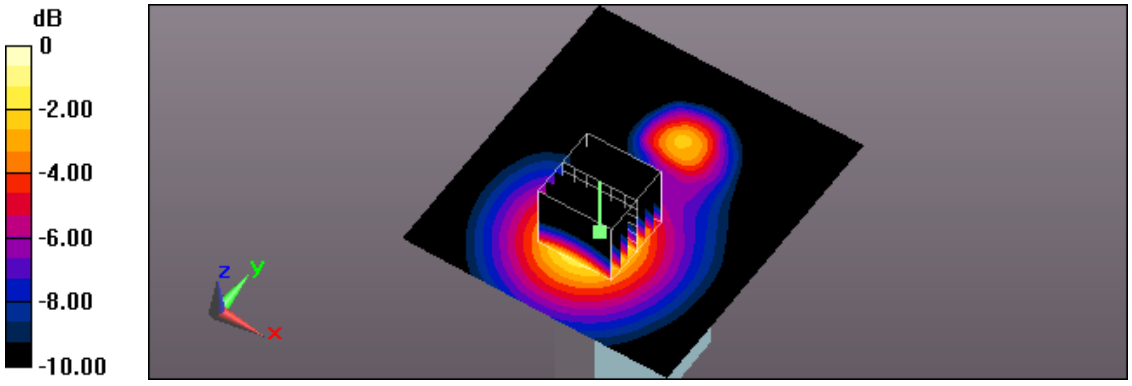
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 AM 12:33:04
124_LTE Band 7 CH20850_QPSK_BW 20 M_50RB Size 0RB Offset_Side4_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 2510 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2510 MHz; σ = 2.1 S/m; ε_r = 53.85; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.18, 7.18, 7.18); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.859 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 10.13 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.08 W/kg
SAR(1 g) = 0.543 W/kg; SAR(10 g) = 0.284 W/kg
Maximum value of SAR (measured) = 0.857 W/kg



0 dB = 0.857 W/kg = -0.67 dBW/kg

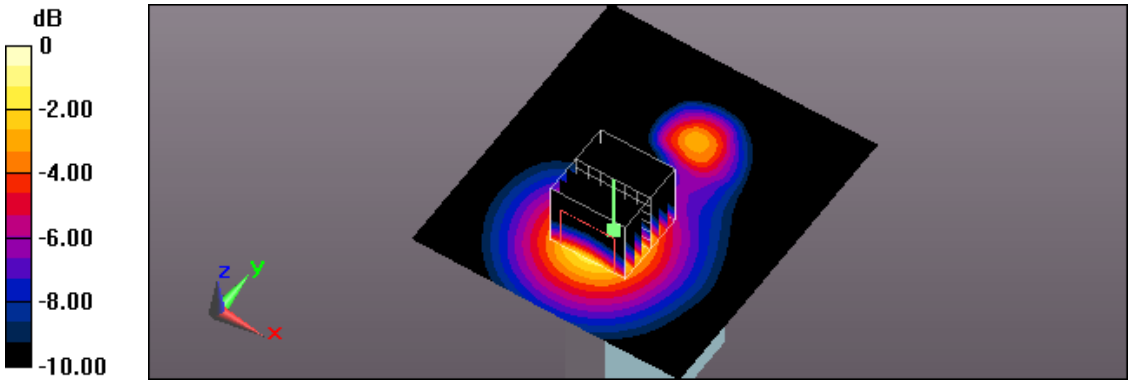
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 AM 12:57:10
125_LTE Band 7 CH21100_QPSK_BW 20 M_50RB Size 0RB Offset_Side4_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2535 MHz; σ = 2.137 S/m; ε_r = 53.757; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.18, 7.18, 7.18); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.975 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 11.16 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.607 W/kg; SAR(10 g) = 0.313 W/kg
Maximum value of SAR (measured) = 0.972 W/kg



0 dB = 0.972 W/kg = -0.12 dBW/kg

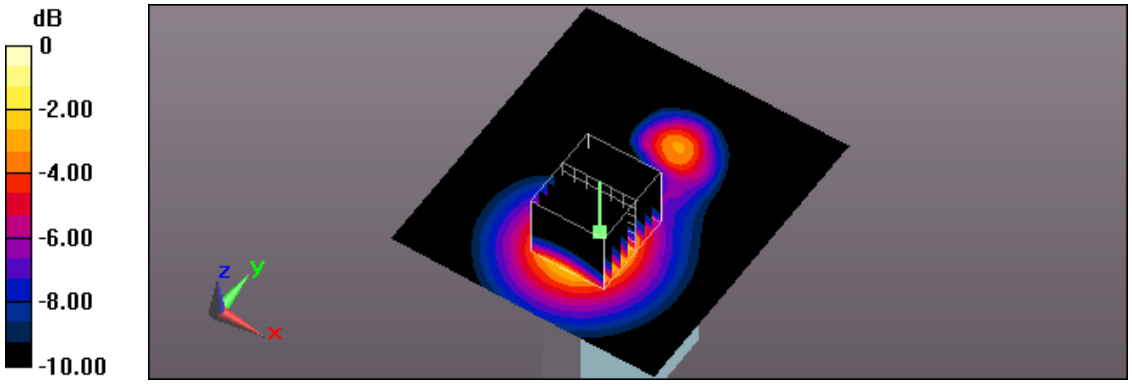
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/28 PM 11:56:12
121_LTE Band 7 CH21350_QPSK_BW 20 M_50RB Size 0RB Offset_Side4_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 2560 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2560 MHz; σ = 2.175 S/m; ε_r = 53.649; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.18, 7.18, 7.18); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.10 W/kg

Flat/Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 11.17 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 0.672 W/kg; SAR(10 g) = 0.341 W/kg
Maximum value of SAR (measured) = 1.08 W/kg



0 dB = 1.08 W/kg = 0.33 dBW/kg

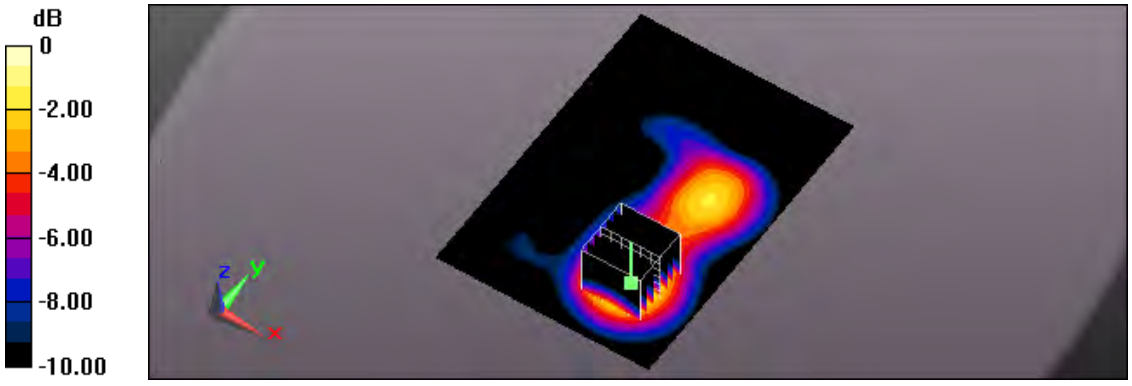
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/28 AM 10:25:04
108_LTE Band 7 CH21100_QPSK_BW 20 M_100RB Size 0RB Offset_Front_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2535 MHz; σ = 2.137 S/m; ε_r = 53.757; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.18, 7.18, 7.18); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.18 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 9.744 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 0.757 W/kg; SAR(10 g) = 0.403 W/kg
Maximum value of SAR (measured) = 1.19 W/kg



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

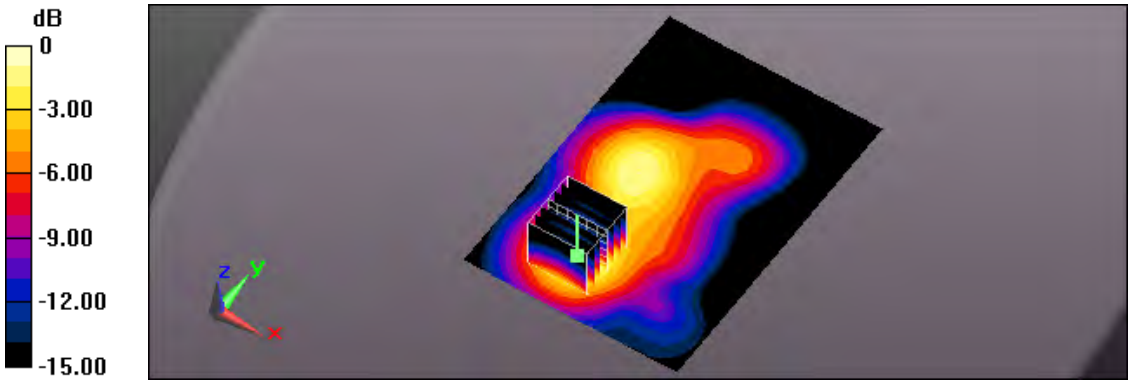
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/28 PM 05:57:11
113_LTE Band 7 CH21100_QPSK_BW 20 M_100RB Size 0RB Offset_Back_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2535 MHz; σ = 2.137 S/m; ε_r = 53.757; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.18, 7.18, 7.18); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.08 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 14.64 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 1.37 W/kg
SAR(1 g) = 0.688 W/kg; SAR(10 g) = 0.356 W/kg
Maximum value of SAR (measured) = 1.10 W/kg



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

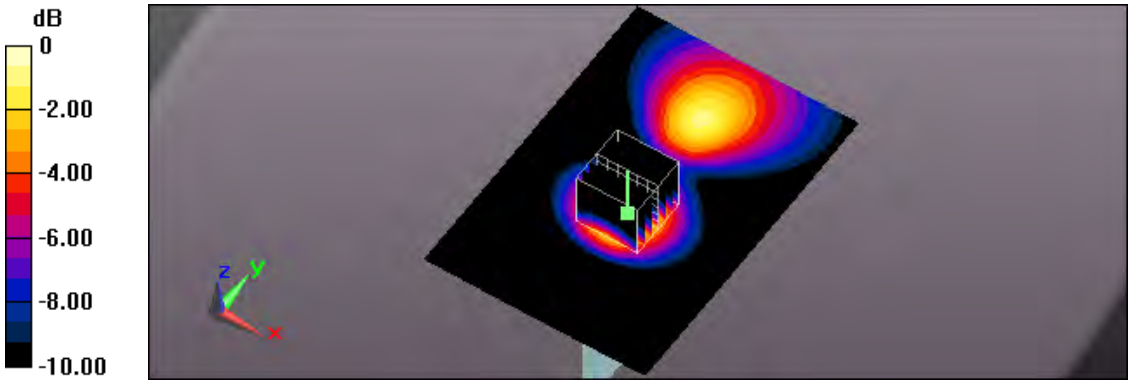
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/28 PM 09:45:30
119_LTE Band 7 CH21100_QPSK_BW 20 M_100RB Size 0RB Offset_Side3_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2535 MHz; σ = 2.137 S/m; ε_r = 53.757; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.18, 7.18, 7.18); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.08 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 18.94 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.661 W/kg; SAR(10 g) = 0.341 W/kg
Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 1.05 W/kg = 0.21 dBW/kg

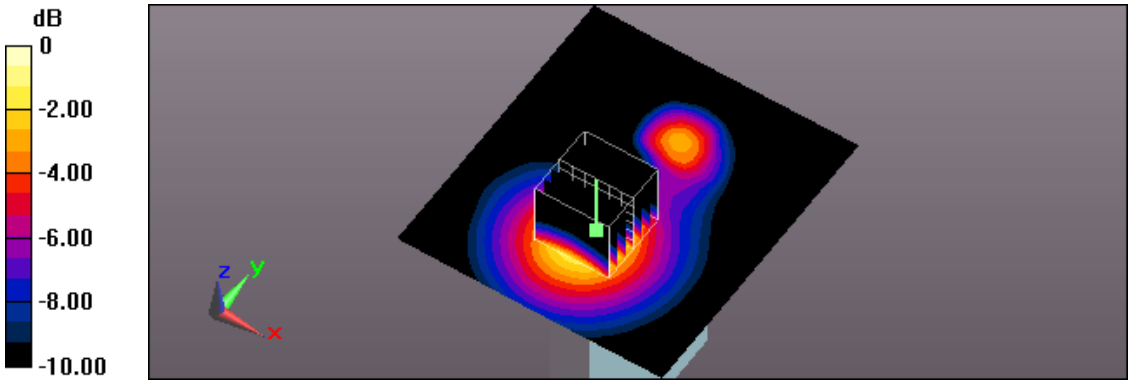
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 AM 01:21:00
126_LTE Band 7 CH21100_QPSK_BW 20 M_100RB Size 0RB Offset_Side4_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2535 MHz; σ = 2.137 S/m; ε_r = 53.757; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.18, 7.18, 7.18); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.00 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 11.46 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.623 W/kg; SAR(10 g) = 0.321 W/kg
Maximum value of SAR (measured) = 0.991 W/kg



0 dB = 0.991 W/kg = -0.04 dBW/kg

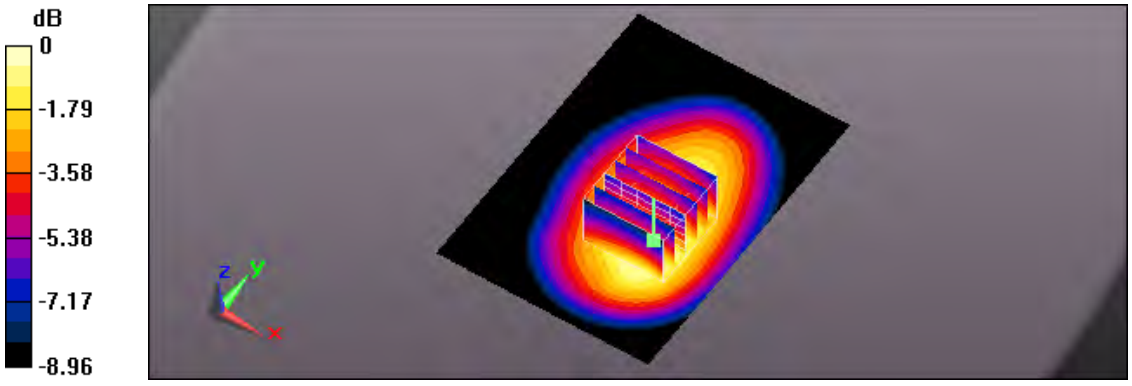
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 PM 05:27:46
45_LTE Band 12 CH23130_QPSK_BW 10 M_1RB Size 49RB Offset_Front_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 711 MHz;Duty Cycle: 1:1
Medium parameters used: f = 711 MHz; σ = 0.923 S/m; ε_r = 57.416; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.71, 9.71, 9.71); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.854 W/kg

Flat/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 27.40 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.960 W/kg
SAR(1 g) = 0.710 W/kg; SAR(10 g) = 0.545 W/kg
Maximum value of SAR (measured) = 0.858 W/kg



0 dB = 0.858 W/kg = -0.67 dBW/kg

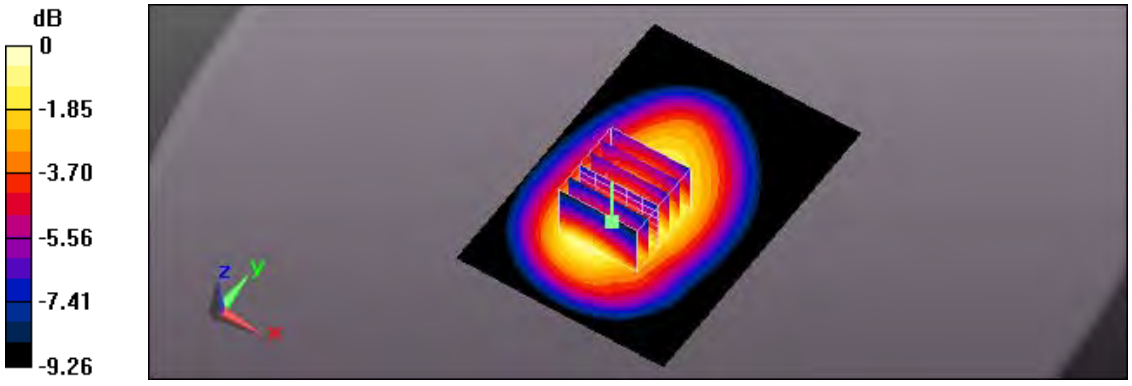
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 PM 06:14:35
149_LTE Band 12 CH23130_QPSK_BW 10 M_1RB Size 49RB Offset_Back_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 711 MHz;Duty Cycle: 1:1
Medium parameters used: f = 711 MHz; σ = 0.923 S/m; ε_r = 57.416; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.71, 9.71, 9.71); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.853 W/kg

Flat/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 30.20 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.939 W/kg
SAR(1 g) = 0.711 W/kg; SAR(10 g) = 0.545 W/kg
Maximum value of SAR (measured) = 0.856 W/kg



0 dB = 0.856 W/kg = -0.68 dBW/kg

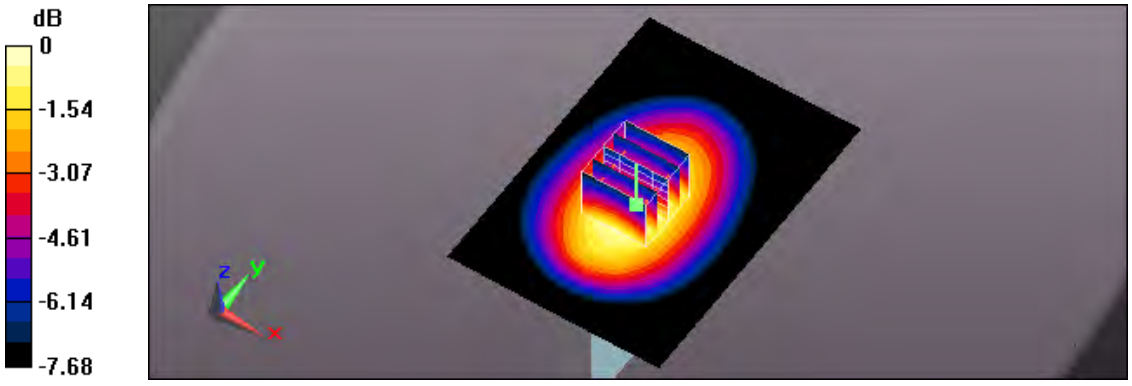
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 PM 07:12:18
151_LTE Band 12 CH23130_QPSK_BW 10 M_1RB Size 49RB Offset_Side1_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 711 MHz;Duty Cycle: 1:1
Medium parameters used: f = 711 MHz; σ = 0.923 S/m; ε_r = 57.416; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.71, 9.71, 9.71); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.432 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 22.35 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.482 W/kg
SAR(1 g) = 0.351 W/kg; SAR(10 g) = 0.261 W/kg
Maximum value of SAR (measured) = 0.437 W/kg



0 dB = 0.437 W/kg = -3.60 dBW/kg

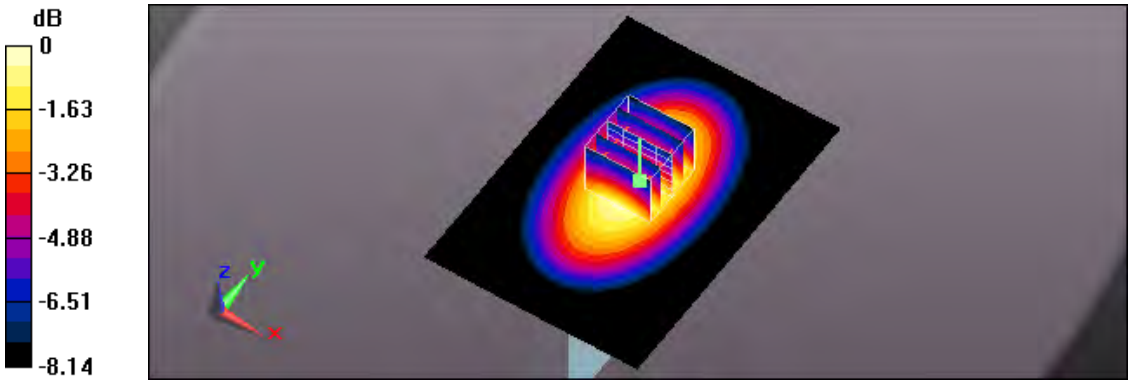
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 PM 07:50:47
153_LTE Band 12 CH23130_QPSK_BW 10 M_1RB Size 49RB Offset_Side3_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 711 MHz;Duty Cycle: 1:1
Medium parameters used: f = 711 MHz; σ = 0.923 S/m; ε_r = 57.416; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.71, 9.71, 9.71); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.543 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 25.20 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.602 W/kg
SAR(1 g) = 0.433 W/kg; SAR(10 g) = 0.316 W/kg
Maximum value of SAR (measured) = 0.542 W/kg



0 dB = 0.542 W/kg = -2.66 dBW/kg

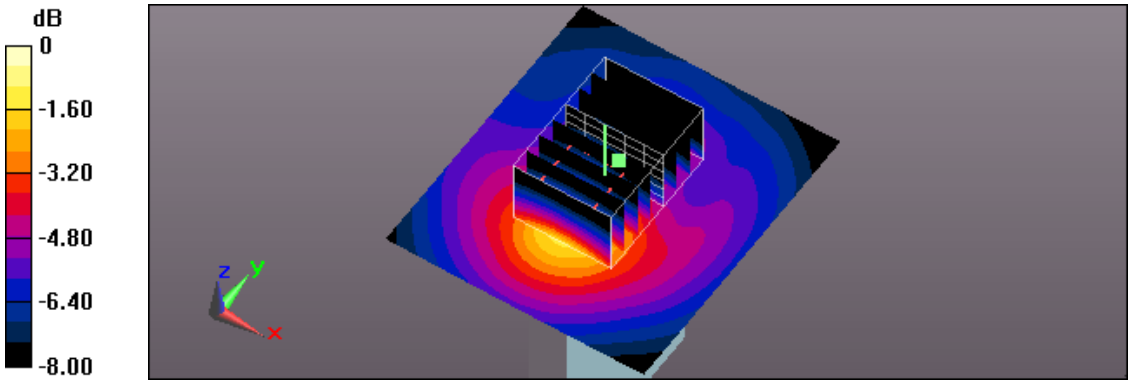
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 PM 09:05:11
155_LTE Band 12 CH23130_QPSK_BW 10 M_1RB Size 49RB Offset_Side4_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 711 MHz;Duty Cycle: 1:1
Medium parameters used: f = 711 MHz; σ = 0.923 S/m; ε_r = 57.416; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.71, 9.71, 9.71); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.105 W/kg

Flat/Zoom Scan (6x8x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 10.65 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.128 W/kg
SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.043 W/kg
Maximum value of SAR (measured) = 0.103 W/kg



0 dB = 0.103 W/kg = -9.87 dBW/kg

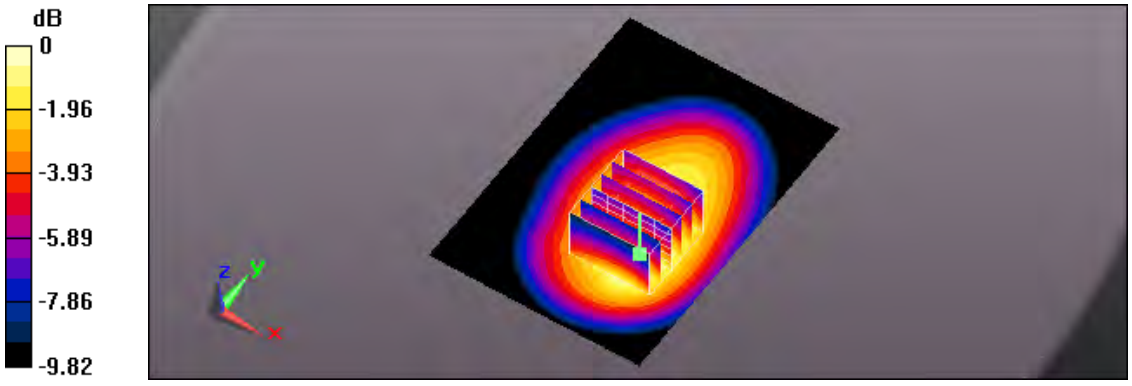
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 PM 05:51:53
148_LTE Band 12 CH23130_QPSK_BW 10 M_25RB Size 12RB Offset_Front_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 711 MHz;Duty Cycle: 1:1
Medium parameters used: f = 711 MHz; σ = 0.923 S/m; ε_r = 57.416; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.71, 9.71, 9.71); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.753 W/kg

Flat/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 25.41 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.829 W/kg
SAR(1 g) = 0.607 W/kg; SAR(10 g) = 0.463 W/kg
Maximum value of SAR (measured) = 0.743 W/kg



0 dB = 0.743 W/kg = -1.29 dBW/kg

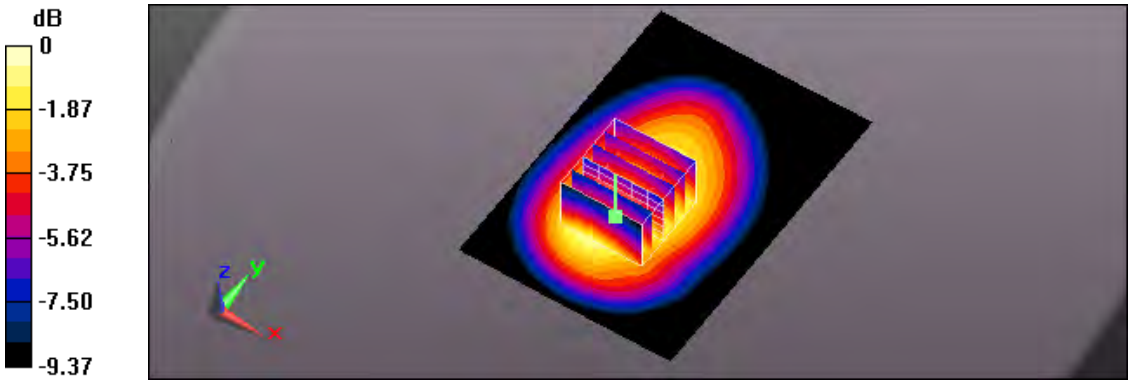
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 PM 06:48:05
150_LTE Band 12 CH23130_QPSK_BW 10 M_25RB Size 12RB Offset_Back_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 711 MHz;Duty Cycle: 1:1
Medium parameters used: f = 711 MHz; σ = 0.923 S/m; ε_r = 57.416; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.71, 9.71, 9.71); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.729 W/kg

Flat/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 27.33 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.800 W/kg
SAR(1 g) = 0.602 W/kg; SAR(10 g) = 0.459 W/kg
Maximum value of SAR (measured) = 0.727 W/kg



0 dB = 0.727 W/kg = -1.38 dBW/kg

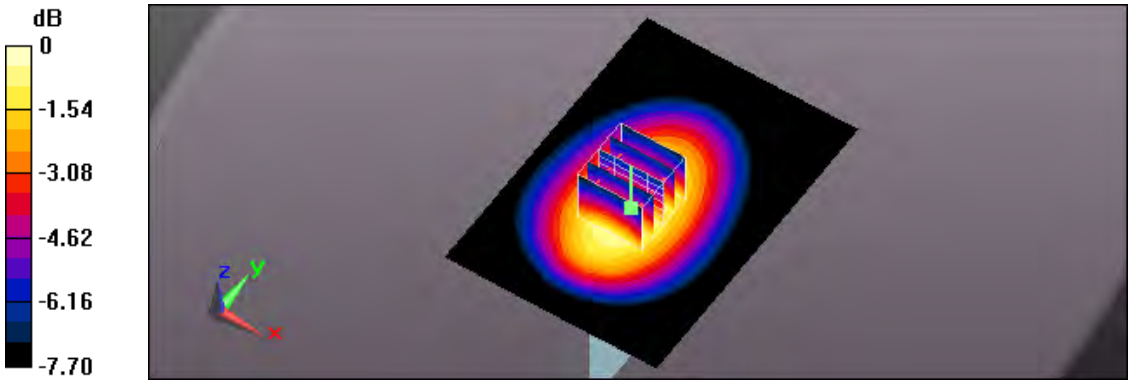
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 PM 07:31:25
152_LTE Band 12 CH23130_QPSK_BW 10 M_25RB Size 12RB Offset_Side1_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 711 MHz;Duty Cycle: 1:1
Medium parameters used: f = 711 MHz; σ = 0.923 S/m; ε_r = 57.416; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.71, 9.71, 9.71); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.359 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 20.32 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.400 W/kg
SAR(1 g) = 0.291 W/kg; SAR(10 g) = 0.216 W/kg
Maximum value of SAR (measured) = 0.362 W/kg



0 dB = 0.362 W/kg = -4.41 dBW/kg

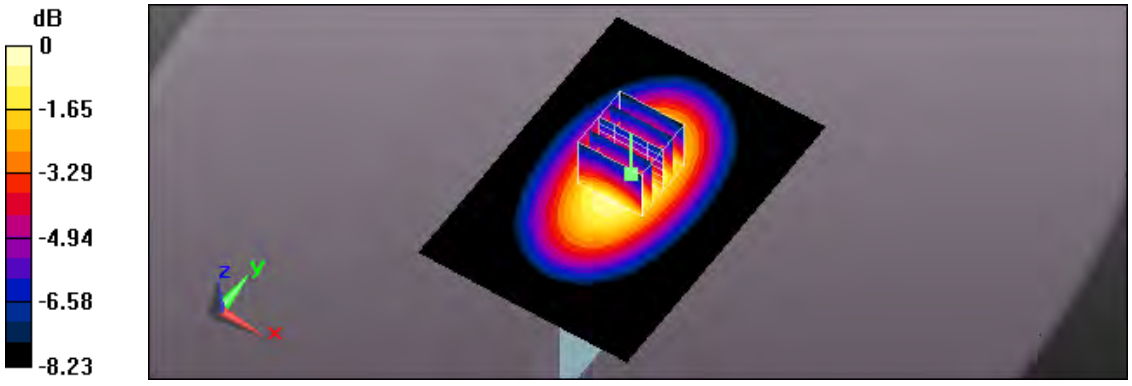
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 PM 08:15:12
154_LTE Band 12 CH23130_QPSK_BW 10 M_25RB Size 12RB Offset_Side3_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 711 MHz;Duty Cycle: 1:1
Medium parameters used: f = 711 MHz; σ = 0.923 S/m; ε_r = 57.416; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.71, 9.71, 9.71); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.443 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 22.59 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.498 W/kg
SAR(1 g) = 0.354 W/kg; SAR(10 g) = 0.257 W/kg
Maximum value of SAR (measured) = 0.448 W/kg



0 dB = 0.448 W/kg = -3.49 dBW/kg

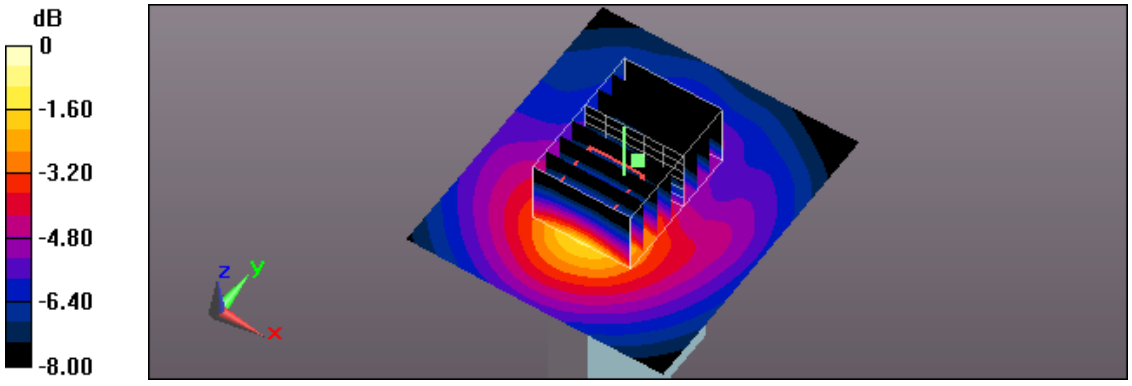
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 PM 08:45:26
156_LTE Band 12 CH23130_QPSK_BW 10 M_25RB Size 12RB Offset_Side4_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 711 MHz;Duty Cycle: 1:1
Medium parameters used: f = 711 MHz; σ = 0.923 S/m; ε_r = 57.416; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.71, 9.71, 9.71); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0861 W/kg

Flat/Zoom Scan (6x8x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 9.712 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.110 W/kg
SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.037 W/kg
Maximum value of SAR (measured) = 0.0864 W/kg



0 dB = 0.0864 W/kg = -10.63 dBW/kg

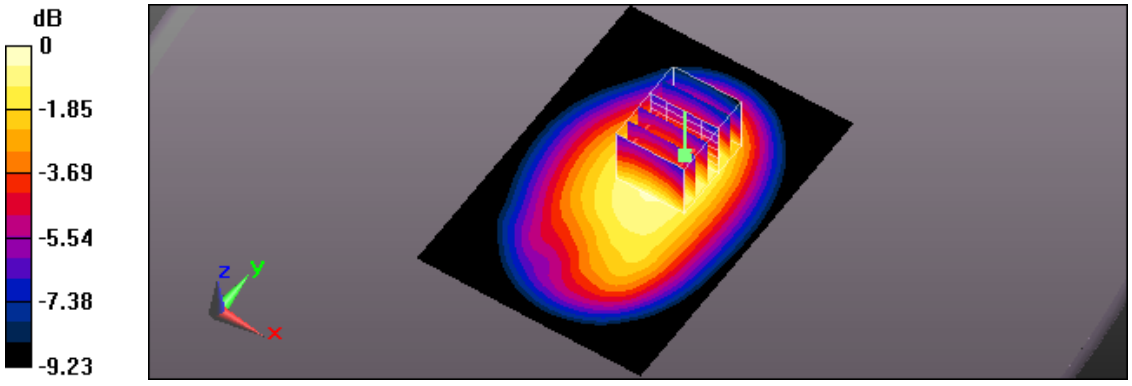
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 PM 10:22:57
46_LTE Band 14 CH23330_QPSK_BW 10 M_1RB Size 0RB Offset_Front_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 793 MHz;Duty Cycle: 1:1
Medium parameters used: f = 793 MHz; σ = 1.007 S/m; ε_r = 56.571; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.71, 9.71, 9.71); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.983 W/kg

Flat/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 30.06 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.807 W/kg; SAR(10 g) = 0.610 W/kg
Maximum value of SAR (measured) = 0.990 W/kg



0 dB = 0.990 W/kg = -0.04 dBW/kg

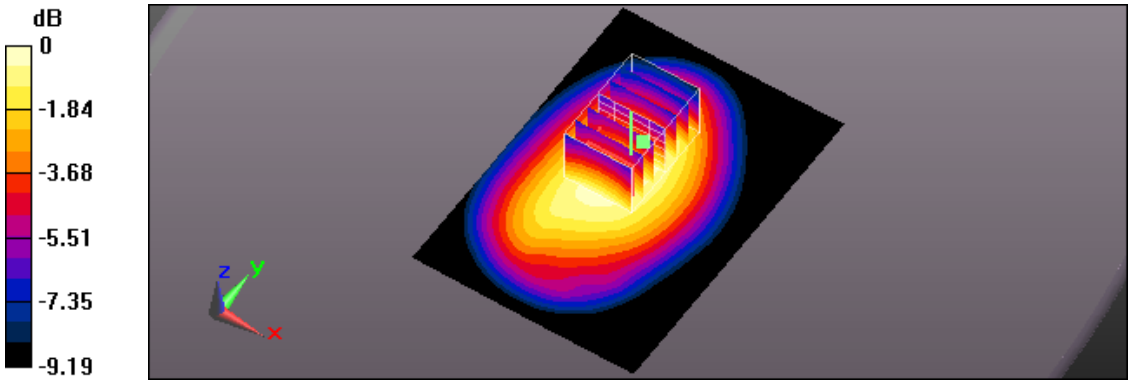
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 PM 11:17:03
157_LTE Band 14 CH23330_QPSK_BW 10 M_1RB Size 0RB Offset_Back_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 793 MHz;Duty Cycle: 1:1
Medium parameters used: f = 793 MHz; σ = 1.007 S/m; ε_r = 56.571; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.71, 9.71, 9.71); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.966 W/kg

Flat/Zoom Scan (5x7x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 31.30 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.04 W/kg
SAR(1 g) = 0.798 W/kg; SAR(10 g) = 0.612 W/kg
Maximum value of SAR (measured) = 0.960 W/kg



0 dB = 0.960 W/kg = -0.18 dBW/kg

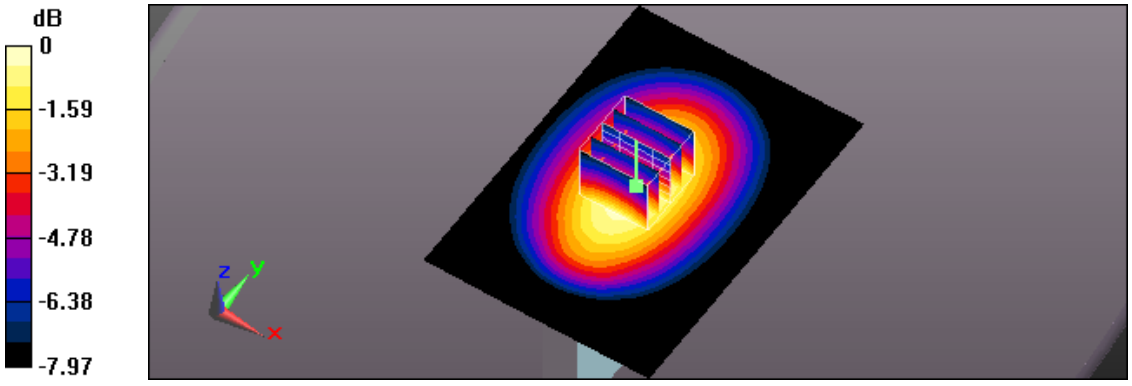
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/30 AM 01:12:13
158_LTE Band 14 CH23330_QPSK_BW 10 M_1RB Size 0RB Offset_Side1_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 793 MHz;Duty Cycle: 1:1
Medium parameters used: f = 793 MHz; σ = 1.007 S/m; ε_r = 56.571; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.71, 9.71, 9.71); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.534 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 24.17 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.589 W/kg
SAR(1 g) = 0.428 W/kg; SAR(10 g) = 0.313 W/kg
Maximum value of SAR (measured) = 0.532 W/kg



0 dB = 0.532 W/kg = -2.74 dBW/kg

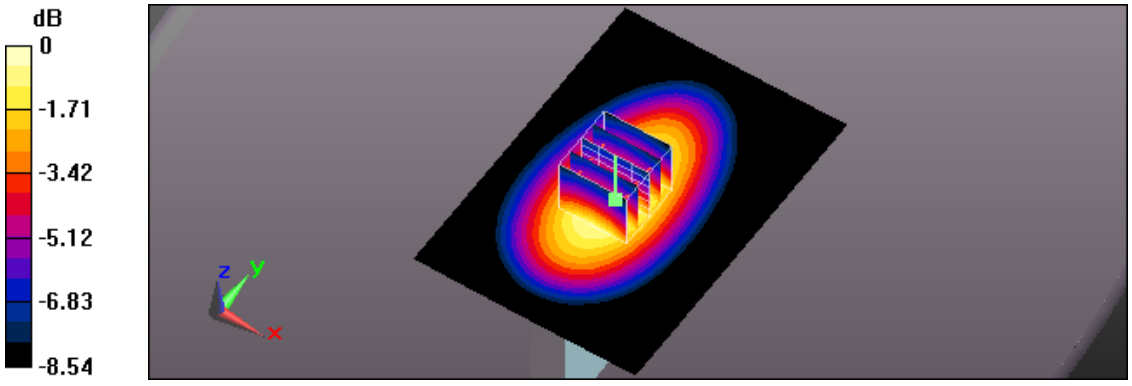
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/30 AM 01:30:19
159_LTE Band 14 CH23330_QPSK_BW 10 M_1RB Size 0RB Offset_Side3_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 793 MHz;Duty Cycle: 1:1
Medium parameters used: f = 793 MHz; σ = 1.007 S/m; ε_r = 56.571; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.71, 9.71, 9.71); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.749 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 28.49 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.838 W/kg
SAR(1 g) = 0.594 W/kg; SAR(10 g) = 0.425 W/kg
Maximum value of SAR (measured) = 0.755 W/kg



0 dB = 0.755 W/kg = -1.22 dBW/kg

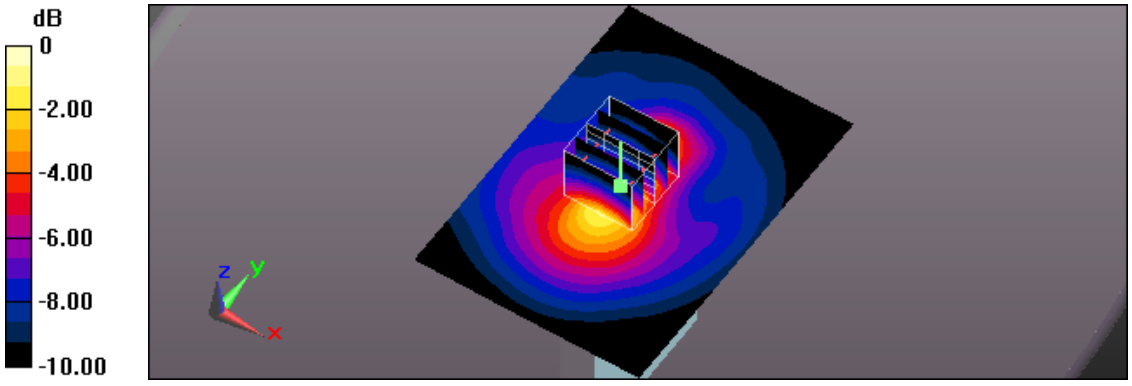
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/30 AM 12:14:28
160_LTE Band 14 CH23330_QPSK_BW 10 M_1RB Size 0RB Offset_Side4_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 793 MHz;Duty Cycle: 1:1
Medium parameters used: f = 793 MHz; σ = 1.007 S/m; ε_r = 56.571; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.71, 9.71, 9.71); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.168 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 13.09 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.208 W/kg
SAR(1 g) = 0.114 W/kg; SAR(10 g) = 0.067 W/kg
Maximum value of SAR (measured) = 0.170 W/kg



0 dB = 0.170 W/kg = -7.70 dBW/kg

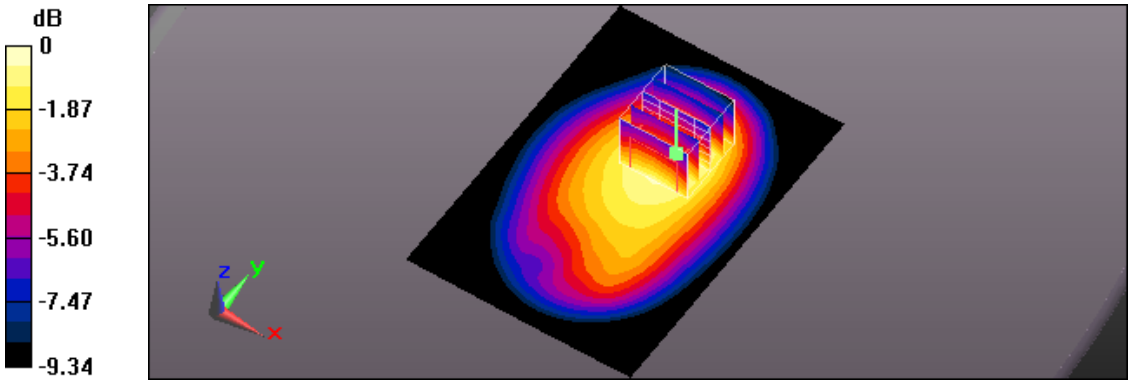
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 PM 10:41:33
161_LTE Band 14 CH23330_QPSK_BW 10 M_25RB Size 12RB Offset_Front_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 793 MHz;Duty Cycle: 1:1
Medium parameters used: f = 793 MHz; σ = 1.007 S/m; ε_r = 56.571; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.71, 9.71, 9.71); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.793 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 24.98 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.861 W/kg
SAR(1 g) = 0.629 W/kg; SAR(10 g) = 0.465 W/kg
Maximum value of SAR (measured) = 0.779 W/kg



0 dB = 0.779 W/kg = -1.08 dBW/kg

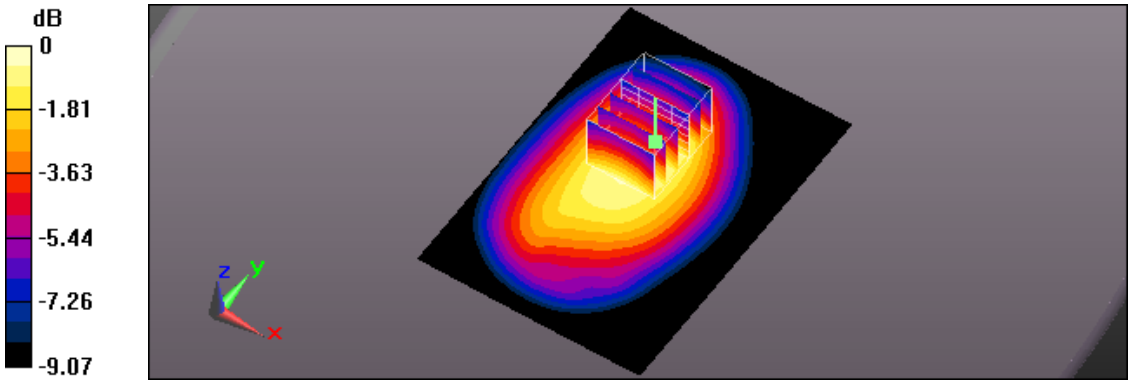
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 PM 11:37:10
162_LTE Band 14 CH23330_QPSK_BW 10 M_25RB Size 12RB Offset_Back_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 793 MHz;Duty Cycle: 1:1
Medium parameters used: f = 793 MHz; σ = 1.007 S/m; ε_r = 56.571; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.71, 9.71, 9.71); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.771 W/kg

Flat/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 26.50 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.835 W/kg
SAR(1 g) = 0.624 W/kg; SAR(10 g) = 0.469 W/kg
Maximum value of SAR (measured) = 0.761 W/kg



0 dB = 0.761 W/kg = -1.19 dBW/kg

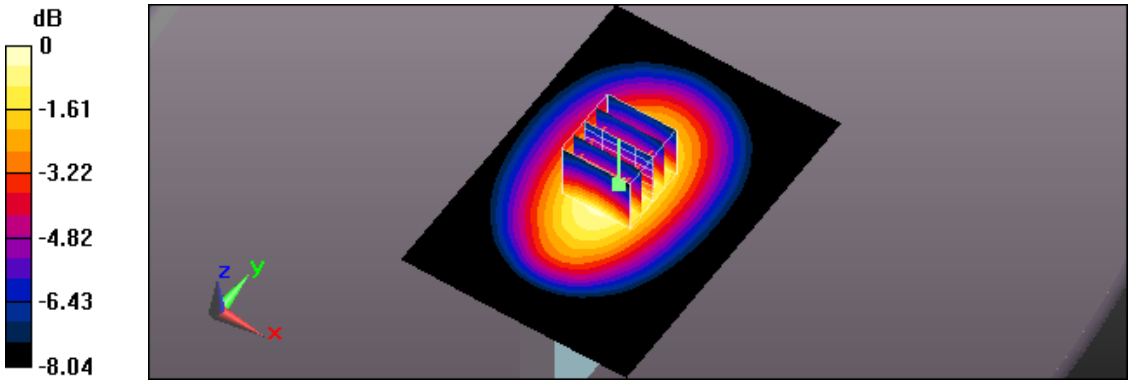
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/30 AM 12:56:06
163_LTE Band 14 CH23330_QPSK_BW 10 M_25RB Size 12RB Offset_Side1_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 793 MHz;Duty Cycle: 1:1
Medium parameters used: f = 793 MHz; σ = 1.007 S/m; ε_r = 56.571; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.71, 9.71, 9.71); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.386 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 20.48 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.433 W/kg
SAR(1 g) = 0.313 W/kg; SAR(10 g) = 0.228 W/kg
Maximum value of SAR (measured) = 0.391 W/kg



0 dB = 0.391 W/kg = -4.08 dBW/kg

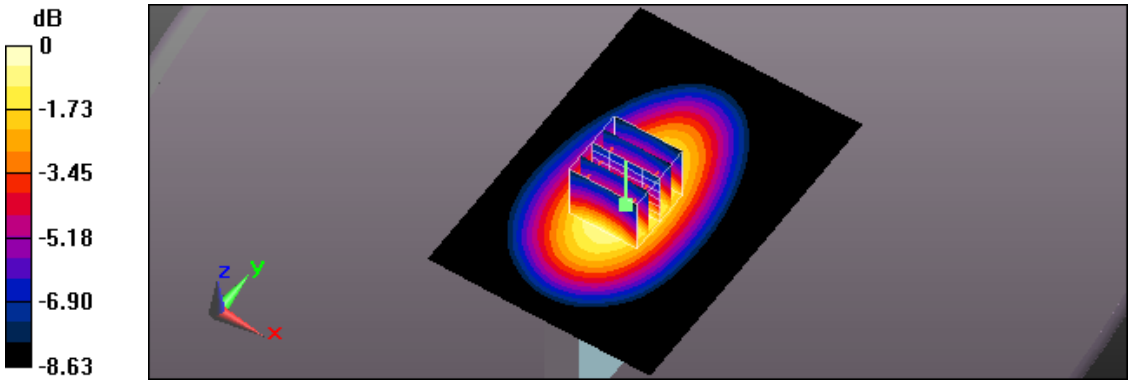
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/30 AM 01:46:04
164_LTE Band 14 CH23330_QPSK_BW 10 M_25RB Size 12RB Offset_Side3_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 793 MHz;Duty Cycle: 1:1
Medium parameters used: f = 793 MHz; σ = 1.007 S/m; ε_r = 56.571; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.71, 9.71, 9.71); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.561 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 24.48 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.628 W/kg
SAR(1 g) = 0.443 W/kg; SAR(10 g) = 0.316 W/kg
Maximum value of SAR (measured) = 0.565 W/kg



0 dB = 0.565 W/kg = -2.48 dBW/kg

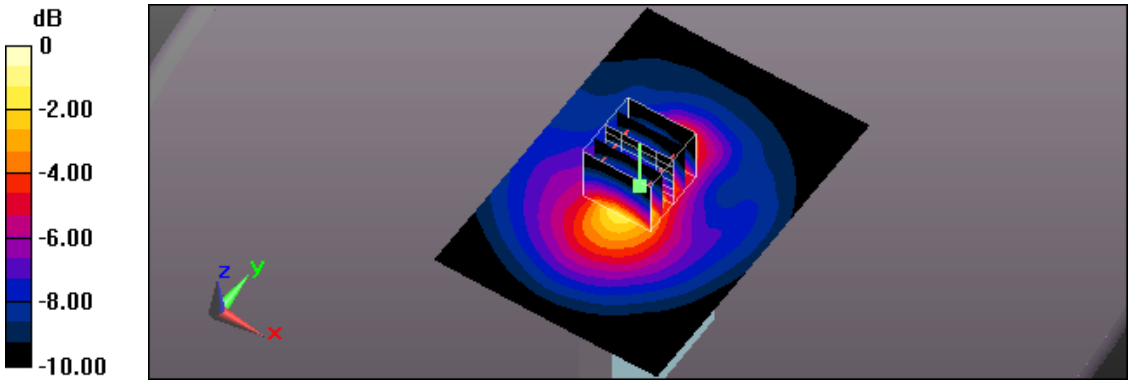
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/30 AM 12:37:08
165_LTE Band 14 CH23330_QPSK_BW 10 M_25RB Size 12RB Offset_Side4_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 793 MHz;Duty Cycle: 1:1
Medium parameters used: f = 793 MHz; σ = 1.007 S/m; ε_r = 56.571; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.71, 9.71, 9.71); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.129 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 11.61 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.162 W/kg
SAR(1 g) = 0.088 W/kg; SAR(10 g) = 0.051 W/kg
Maximum value of SAR (measured) = 0.133 W/kg



0 dB = 0.133 W/kg = -8.76 dBW/kg

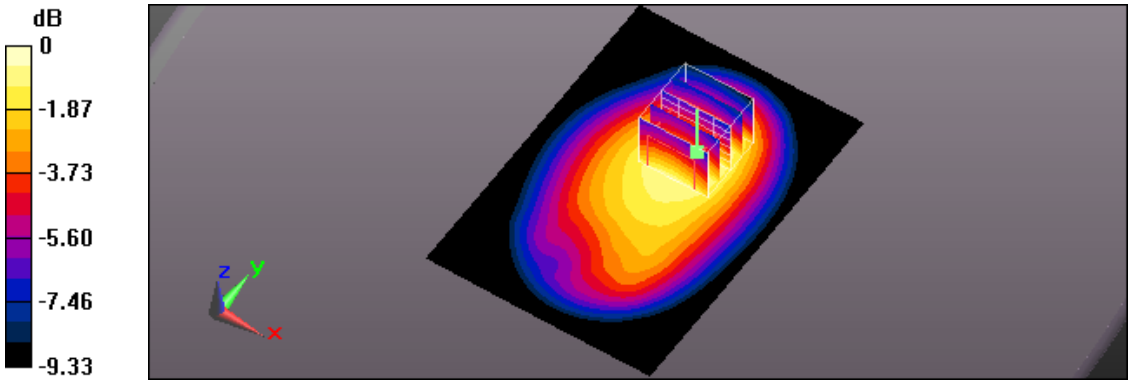
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 PM 10:57:36
166_LTE Band 14 CH23330_QPSK_BW 10 M_50RB Size 0RB Offset_Front_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 793 MHz;Duty Cycle: 1:1
Medium parameters used: f = 793 MHz; σ = 1.007 S/m; ε_r = 56.571; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.71, 9.71, 9.71); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.788 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 24.89 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.856 W/kg
SAR(1 g) = 0.623 W/kg; SAR(10 g) = 0.460 W/kg
Maximum value of SAR (measured) = 0.772 W/kg



0 dB = 0.772 W/kg = -1.12 dBW/kg

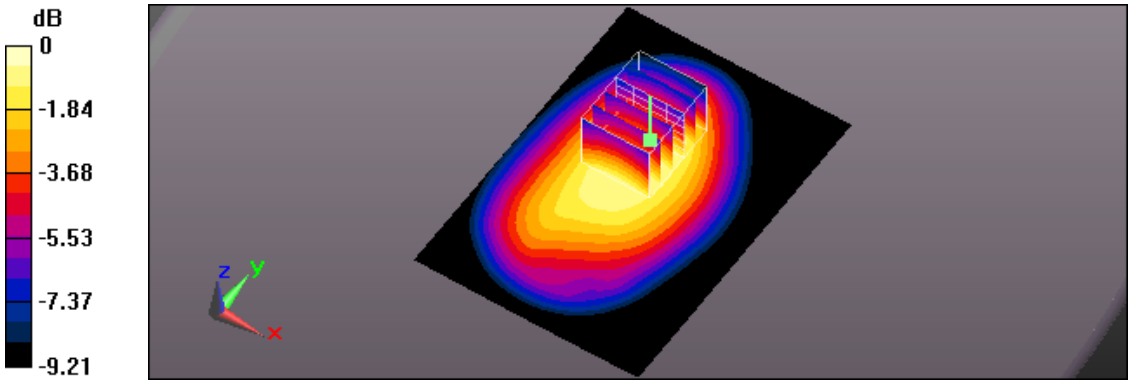
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 PM 11:55:03
167_LTE Band 14 CH23330_QPSK_BW 10 M_50RB Size 0RB Offset_Back_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 793 MHz;Duty Cycle: 1:1
Medium parameters used: f = 793 MHz; σ = 1.007 S/m; ε_r = 56.571; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.71, 9.71, 9.71); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.770 W/kg

Flat/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 26.61 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.835 W/kg
SAR(1 g) = 0.623 W/kg; SAR(10 g) = 0.468 W/kg
Maximum value of SAR (measured) = 0.761 W/kg



0 dB = 0.761 W/kg = -1.19 dBW/kg

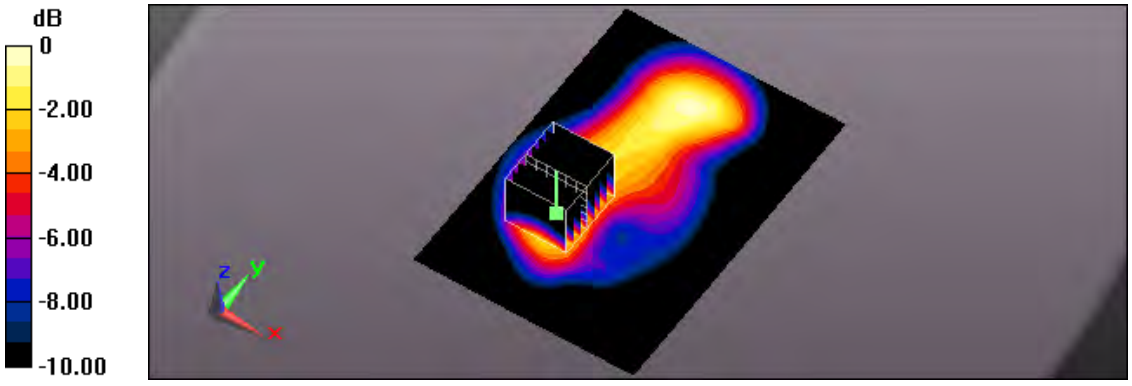
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/26 AM 04:47:01
90_LTE Band 30 CH27710_QPSK_BW 10 M_1RB Size 0RB Offset_Front_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 2310 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2310 MHz; σ = 1.85 S/m; ε_r = 54.505; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.39, 7.39, 7.39); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.12 W/kg

Flat/Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 16.08 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 0.717 W/kg; SAR(10 g) = 0.402 W/kg
Maximum value of SAR (measured) = 1.09 W/kg



0 dB = 1.09 W/kg = 0.37 dBW/kg

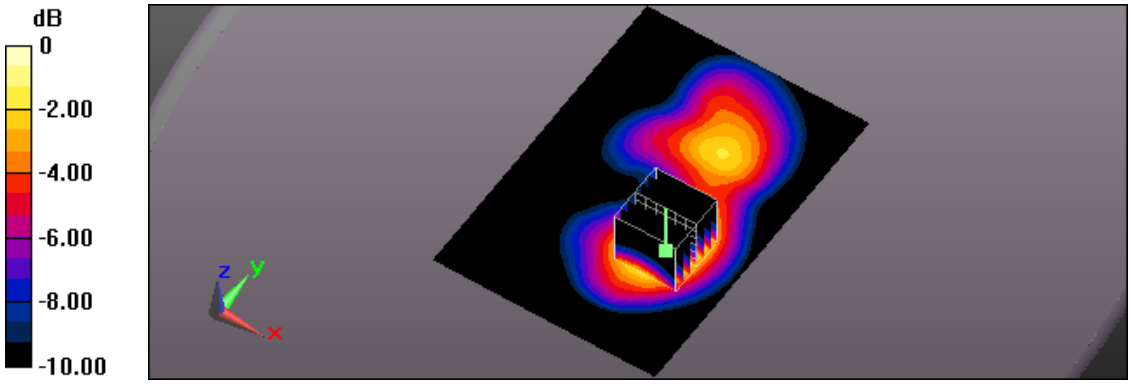
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/26 AM 06:22:28
91_LTE Band 30 CH27710_QPSK_BW 10 M_1RB Size 0RB Offset_Back_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 2310 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2310 MHz; σ = 1.85 S/m; ε_r = 54.505; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.39, 7.39, 7.39); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.29 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 10.34 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.52 W/kg
SAR(1 g) = 0.849 W/kg; SAR(10 g) = 0.472 W/kg
Maximum value of SAR (measured) = 1.26 W/kg



0 dB = 1.26 W/kg = 1.00 dBW/kg

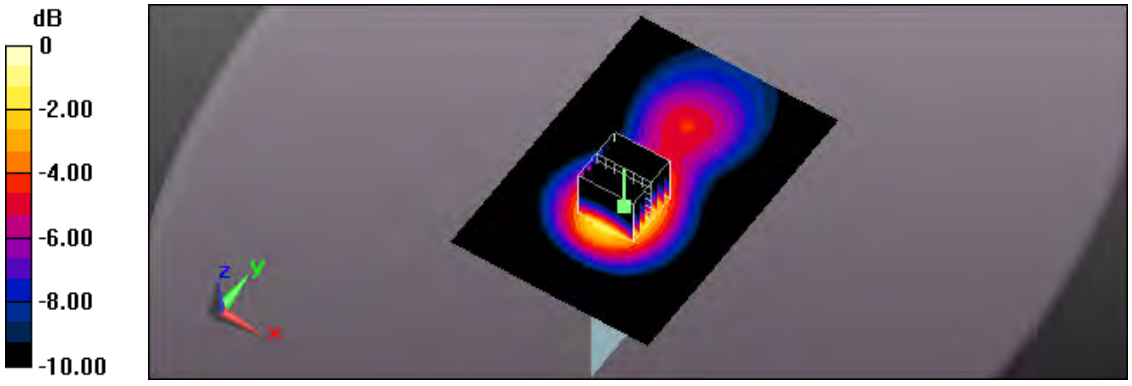
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/26 AM 09:16:36
92_LTE Band 30 CH27710_QPSK_BW 10 M_1RB Size 0RB Offset_Side1_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 2310 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2310 MHz; σ = 1.85 S/m; ε_r = 54.505; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.39, 7.39, 7.39); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.26 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 21.96 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.52 W/kg
SAR(1 g) = 0.850 W/kg; SAR(10 g) = 0.486 W/kg
Maximum value of SAR (measured) = 1.26 W/kg



0 dB = 1.26 W/kg = 1.00 dBW/kg

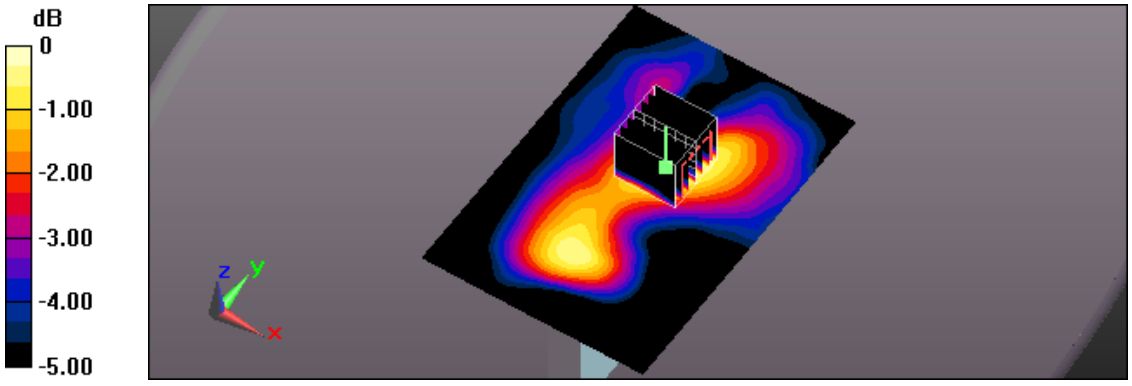
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/26 AM 10:12:27
93_LTE Band 30 CH27710_QPSK_BW 10 M_1RB Size 0RB Offset_Side3_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 2310 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2310 MHz; σ = 1.85 S/m; ε_r = 54.505; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.39, 7.39, 7.39); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0594 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 5.114 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.0730 W/kg
SAR(1 g) = 0.041 W/kg; SAR(10 g) = 0.025 W/kg
Maximum value of SAR (measured) = 0.0598 W/kg



0 dB = 0.0598 W/kg = -12.23 dBW/kg

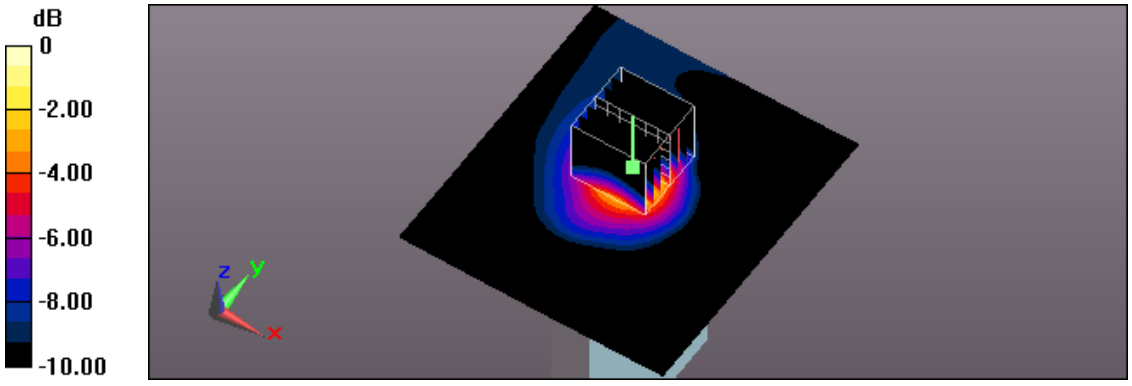
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/26 AM 07:48:37
94_LTE Band 30 CH27710_QPSK_BW 10 M_1RB Size 0RB Offset_Side4_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 2310 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2310 MHz; σ = 1.85 S/m; ε_r = 54.505; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.39, 7.39, 7.39); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.699 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 16.77 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.853 W/kg
SAR(1 g) = 0.428 W/kg; SAR(10 g) = 0.214 W/kg
Maximum value of SAR (measured) = 0.684 W/kg



0 dB = 0.684 W/kg = -1.65 dBW/kg

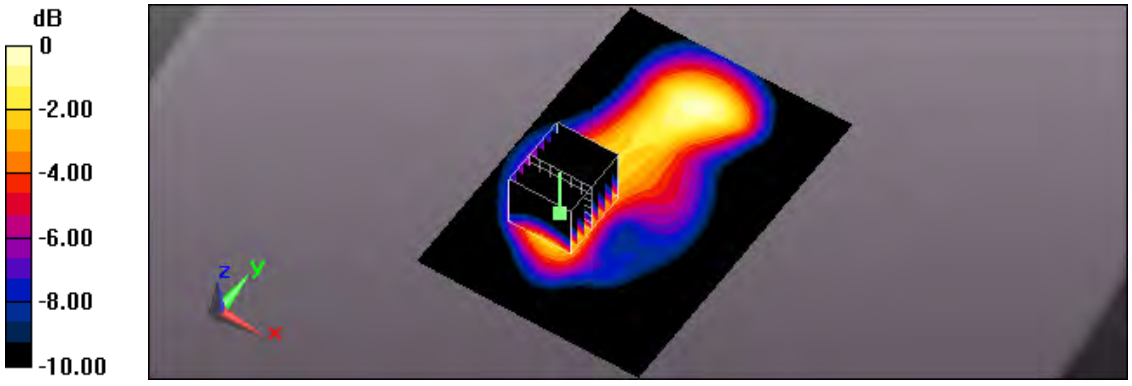
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/26 AM 05:18:20
95_LTE Band 30 CH27710_QPSK_BW 10 M_25RB Size 0RB Offset_Front_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 2310 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2310 MHz; σ = 1.85 S/m; ε_r = 54.505; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.39, 7.39, 7.39); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.861 W/kg

Flat/Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 14.20 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.558 W/kg; SAR(10 g) = 0.310 W/kg
Maximum value of SAR (measured) = 0.850 W/kg



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

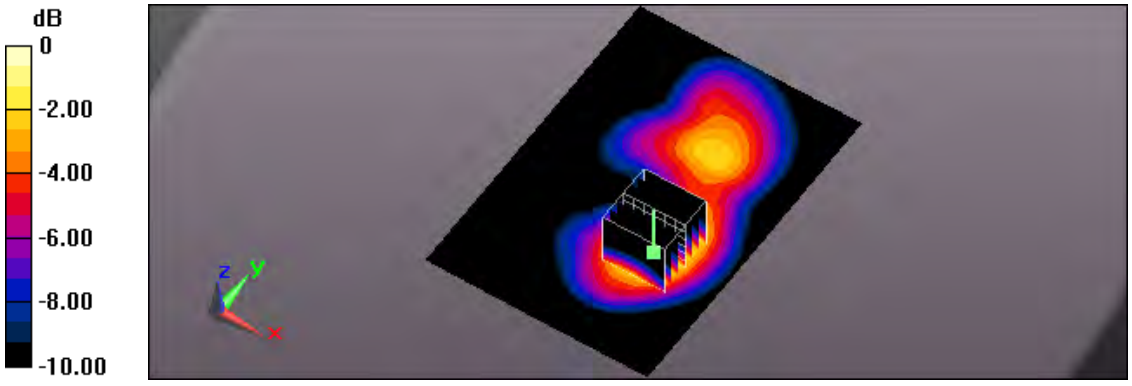
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/26 AM 06:52:30
96_LTE Band 30 CH27710_QPSK_BW 10 M_25RB Size 0RB Offset_Back_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 2310 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2310 MHz; σ = 1.85 S/m; ε_r = 54.505; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.39, 7.39, 7.39); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.985 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 9.242 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.659 W/kg; SAR(10 g) = 0.367 W/kg
Maximum value of SAR (measured) = 0.983 W/kg



0 dB = 0.983 W/kg = -0.07 dBW/kg

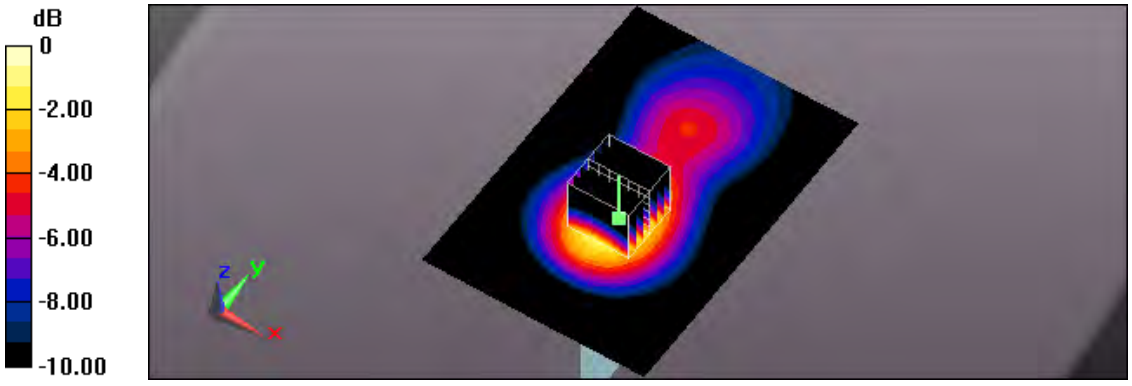
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/26 AM 08:48:35
97_LTE Band 30 CH27710_QPSK_BW 10 M_25RB Size 0RB Offset_Side1_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 2310 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2310 MHz; σ = 1.85 S/m; ε_r = 54.505; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.39, 7.39, 7.39); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.952 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 19.61 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.642 W/kg; SAR(10 g) = 0.367 W/kg
Maximum value of SAR (measured) = 0.948 W/kg



0 dB = 0.948 W/kg = -0.23 dBW/kg

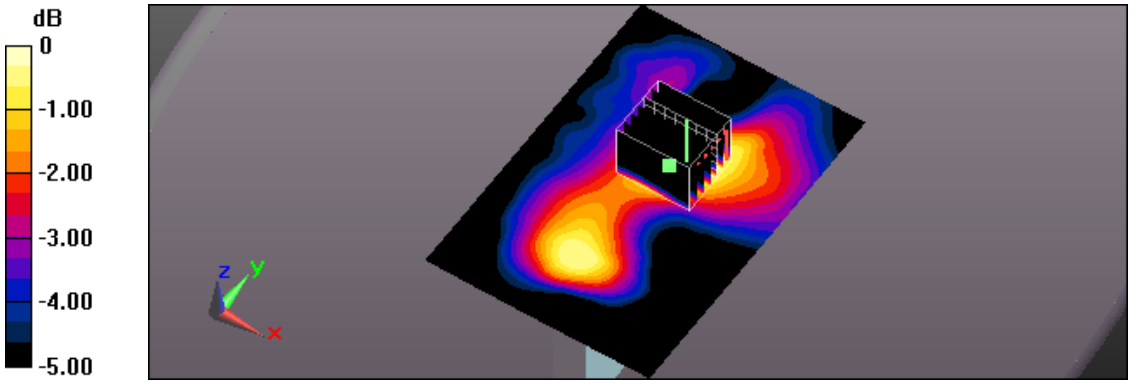
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/26 AM 10:41:40
98_LTE Band 30 CH27710_QPSK_BW 10 M_25RB Size 0RB Offset_Side3_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 2310 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2310 MHz; σ = 1.85 S/m; ε_r = 54.505; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.39, 7.39, 7.39); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0500 W/kg

Flat/Zoom Scan (8x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 4.557 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.0620 W/kg
SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.021 W/kg
Maximum value of SAR (measured) = 0.0505 W/kg



0 dB = 0.0505 W/kg = -12.97 dBW/kg

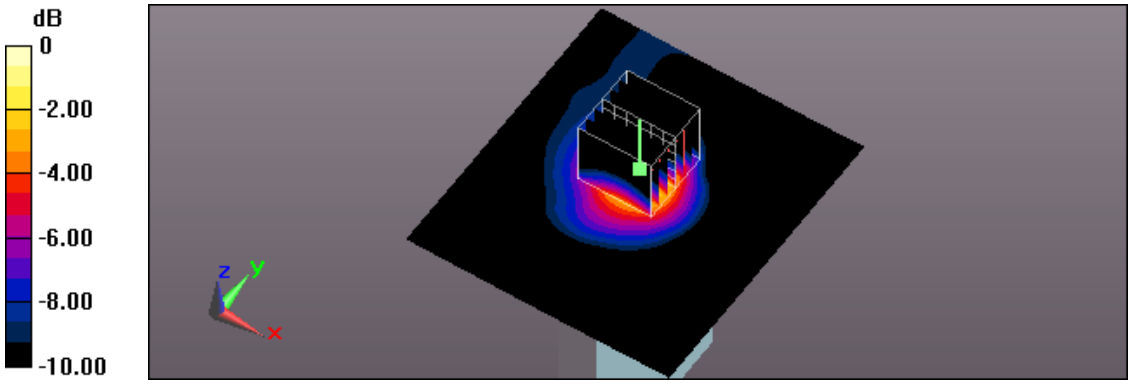
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/26 AM 08:15:49
99_LTE Band 30 CH27710_QPSK_BW 10 M_25RB Size 0RB Offset_Side4_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 2310 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2310 MHz; σ = 1.85 S/m; ε_r = 54.505; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.39, 7.39, 7.39); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (91x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.545 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 14.77 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.671 W/kg
SAR(1 g) = 0.330 W/kg; SAR(10 g) = 0.165 W/kg
Maximum value of SAR (measured) = 0.534 W/kg



0 dB = 0.534 W/kg = -2.72 dBW/kg

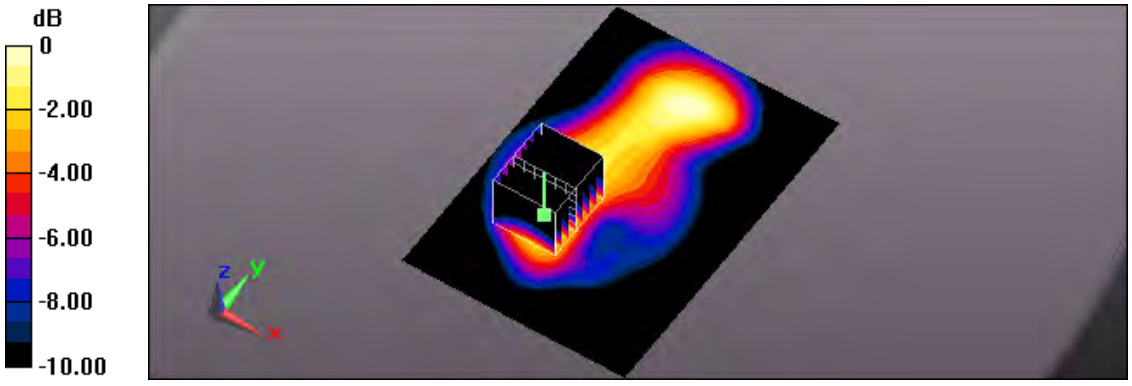
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/26 AM 05:46:42
100_LTE Band 30 CH27710_QPSK_BW 10 M_50RB Size 0RB Offset_Front_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 2310 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2310 MHz; σ = 1.85 S/m; ε_r = 54.505; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.39, 7.39, 7.39); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.849 W/kg

Flat/Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 14.14 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.00 W/kg
SAR(1 g) = 0.547 W/kg; SAR(10 g) = 0.305 W/kg
Maximum value of SAR (measured) = 0.823 W/kg



0 dB = 0.823 W/kg = -0.85 dBW/kg

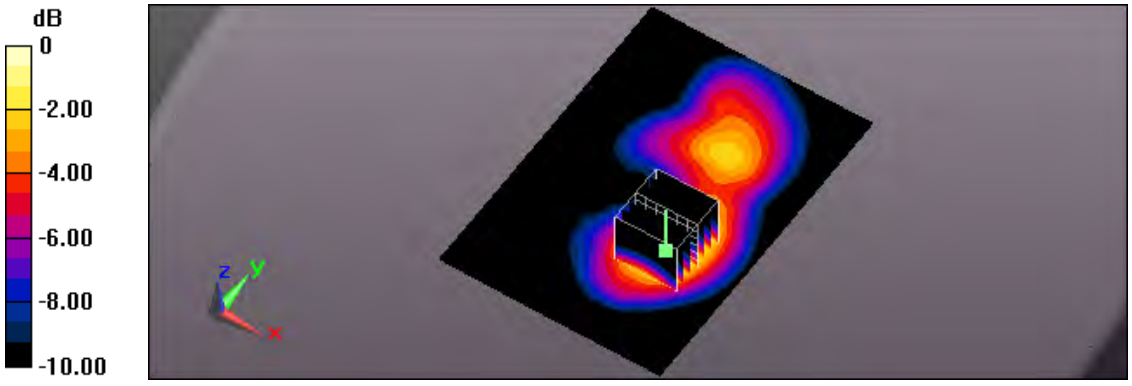
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/26 AM 07:19:35
101_LTE Band 30 CH27710_QPSK_BW 10 M_50RB Size 0RB Offset_Back_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 2310 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2310 MHz; σ = 1.85 S/m; ε_r = 54.505; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.39, 7.39, 7.39); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.968 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 9.214 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.654 W/kg; SAR(10 g) = 0.364 W/kg
Maximum value of SAR (measured) = 0.977 W/kg



0 dB = 0.977 W/kg = -0.10 dBW/kg

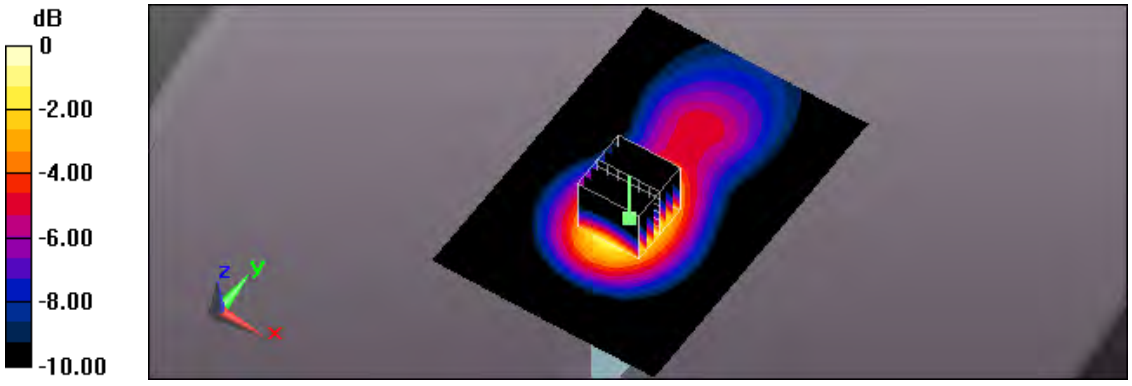
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/26 AM 09:44:02
102_LTE Band 30 CH27710_QPSK_BW 10 M_50RB Size 0RB Offset_Side1_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 2310 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2310 MHz; σ = 1.85 S/m; ε_r = 54.505; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.39, 7.39, 7.39); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.932 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 20.41 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.626 W/kg; SAR(10 g) = 0.358 W/kg
Maximum value of SAR (measured) = 0.926 W/kg



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

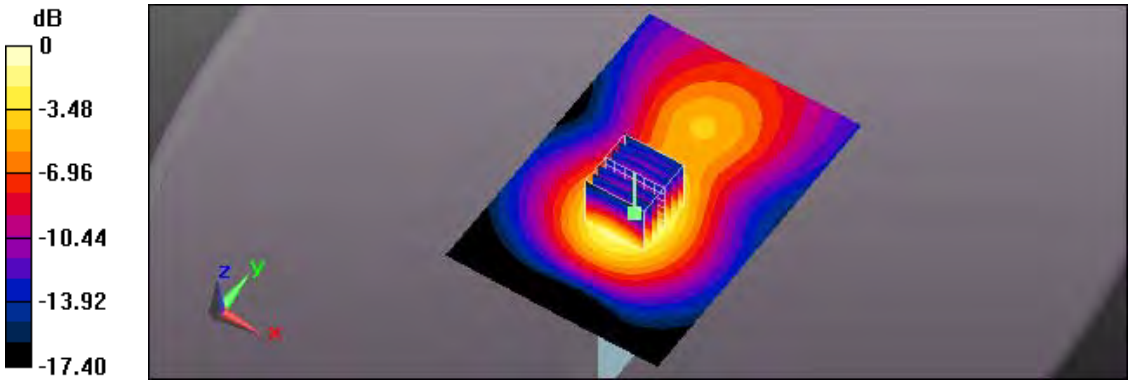
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/28 AM 10:57:57
109_LTE Band 30 CH27710_QPSK_BW 10 M_1RB Size 0RB Offset_Side1_10 mm_ repeat
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 2310 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2310 MHz; σ = 1.85 S/m; ε_r = 54.505; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.39, 7.39, 7.39); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.46 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 24.66 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.78 W/kg
SAR(1 g) = 0.83 W/kg; SAR(10 g) = 0.459 W/kg
Maximum value of SAR (measured) = 1.47 W/kg



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

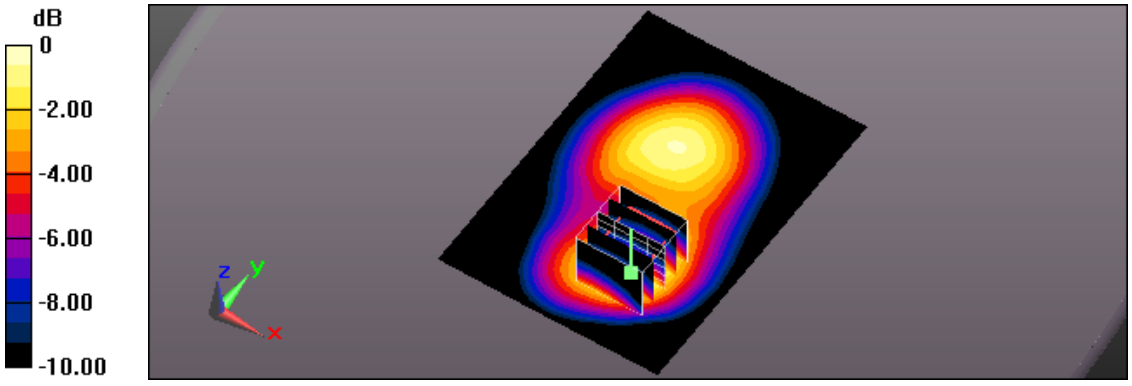
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/20 PM 02:53:35
70_LTE Band 66 CH132072_QPSK_BW 20 M_1RB Size 0RB Offset_Front_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1720 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1720 MHz; σ = 1.43 S/m; ε_r = 53.044; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.91, 7.91, 7.91); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.45 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 22.35 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.63 W/kg
SAR(1 g) = 0.988 W/kg; SAR(10 g) = 0.596 W/kg
Maximum value of SAR (measured) = 1.37 W/kg



0 dB = 1.37 W/kg = 1.37 dBW/kg

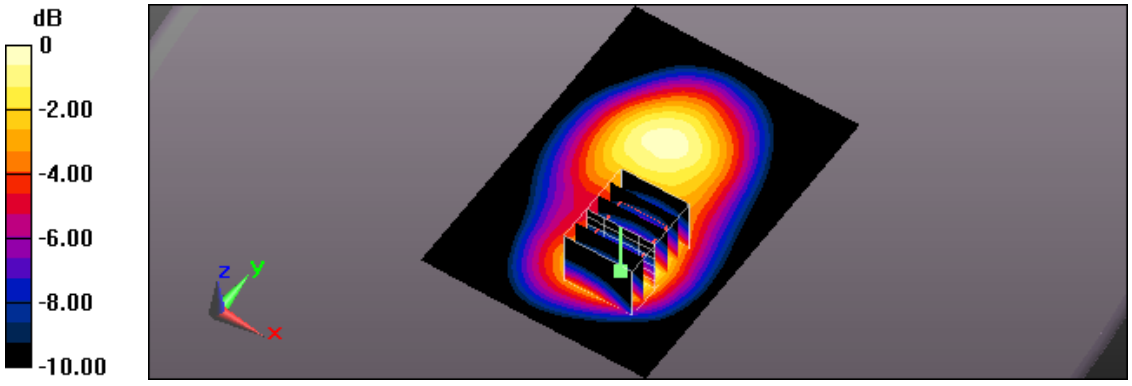
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/20 AM 07:47:54
69_LTE Band 66 CH132197_QPSK_BW 20 M_1RB Size 0RB Offset_Front_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.442 S/m; ε_r = 53.015; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.91, 7.91, 7.91); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.50 W/kg

Flat/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 22.97 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 1.73 W/kg
SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.631 W/kg
Maximum value of SAR (measured) = 1.45 W/kg



0 dB = 1.45 W/kg = 1.61 dBW/kg

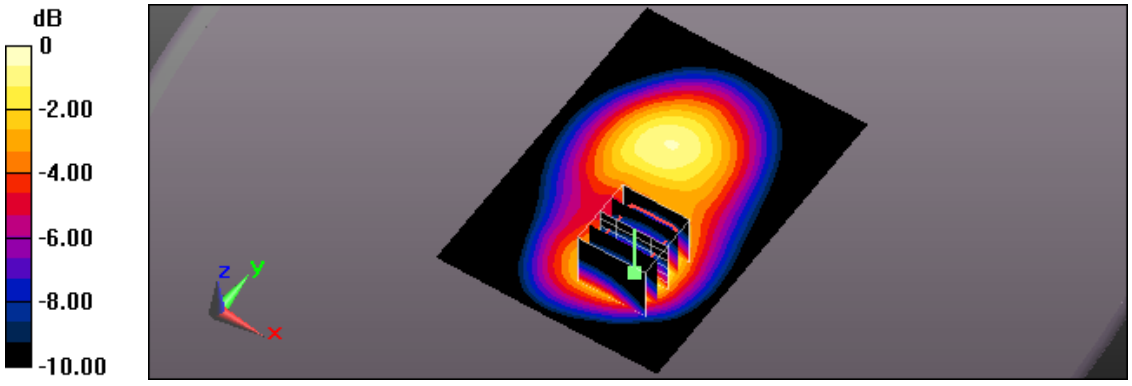
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/20 PM 03:09:52
71_LTE Band 66 CH132322_QPSK_BW 20 M_1RB Size 0RB Offset_Front_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.454 S/m; ε_r = 52.988; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.91, 7.91, 7.91); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.52 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 22.89 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.68 W/kg
SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.616 W/kg
Maximum value of SAR (measured) = 1.41 W/kg



0 dB = 1.41 W/kg = 1.49 dBW/kg

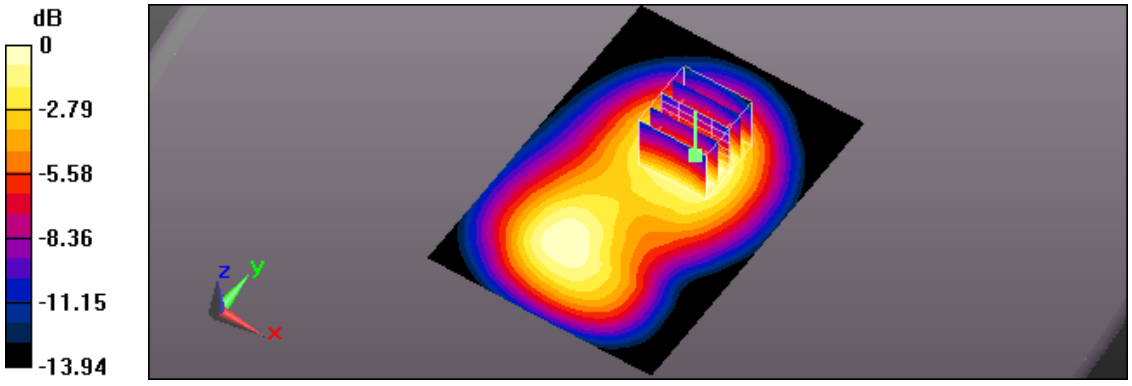
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/20 PM 04:15:45
75_LTE Band 66 CH132072_QPSK_BW 20 M_1RB Size 0RB Offset_Back_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1720 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1720 MHz; σ = 1.43 S/m; ε_r = 53.044; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.91, 7.91, 7.91); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.15 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 21.47 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.28 W/kg
SAR(1 g) = 0.836 W/kg; SAR(10 g) = 0.549 W/kg
Maximum value of SAR (measured) = 1.12 W/kg



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

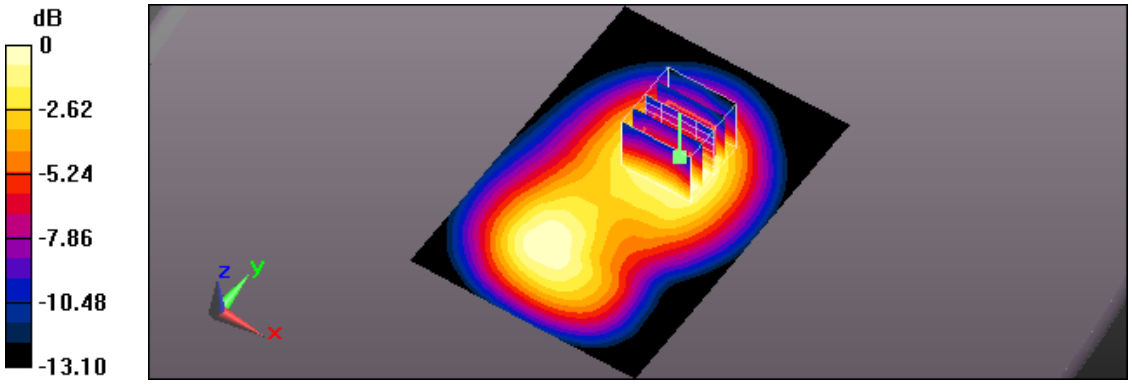
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/20 PM 04:31:46
76_LTE Band 66 CH132197_QPSK_BW 20 M_1RB Size 0RB Offset_Back_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.442 S/m; ε_r = 53.015; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.91, 7.91, 7.91); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.19 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 22.32 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.32 W/kg
SAR(1 g) = 0.858 W/kg; SAR(10 g) = 0.563 W/kg
Maximum value of SAR (measured) = 1.15 W/kg



0 dB = 1.15 W/kg = 0.61 dBW/kg

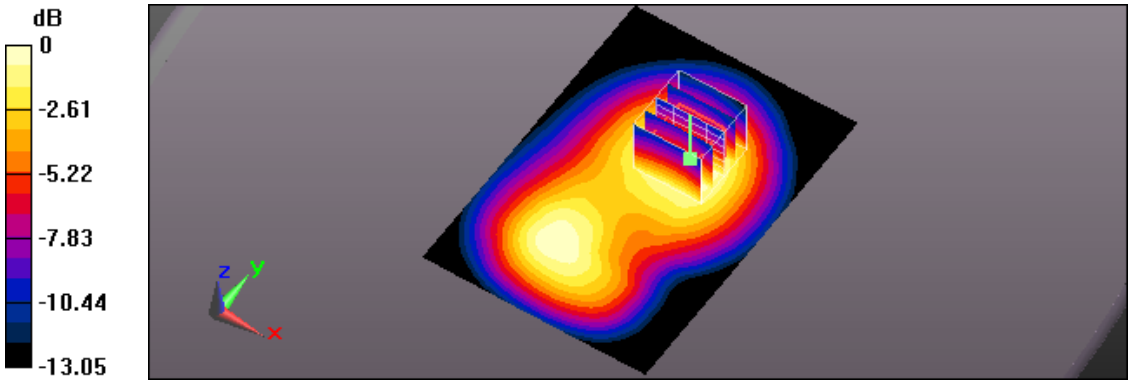
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/20 PM 04:49:16
77_LTE Band 66 CH132322_QPSK_BW 20 M_1RB Size 0RB Offset_Back_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.454 S/m; ε_r = 52.988; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.91, 7.91, 7.91); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.22 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 22.57 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.36 W/kg
SAR(1 g) = 0.875 W/kg; SAR(10 g) = 0.574 W/kg
Maximum value of SAR (measured) = 1.18 W/kg



0 dB = 1.18 W/kg = 0.72 dBW/kg

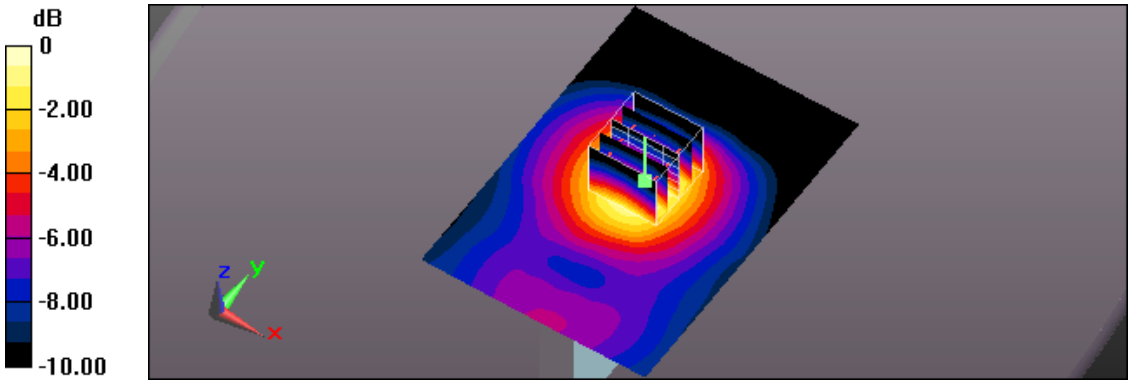
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/20 PM 06:40:30
83_LTE Band 66 CH132072_QPSK_BW 20 M_1RB Size 0RB Offset_Side1_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1720 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1720 MHz; σ = 1.43 S/m; ε_r = 53.044; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.91, 7.91, 7.91); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.189 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 11.87 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.218 W/kg
SAR(1 g) = 0.139 W/kg; SAR(10 g) = 0.089 W/kg
Maximum value of SAR (measured) = 0.189 W/kg



0 dB = 0.189 W/kg = -7.24 dBW/kg

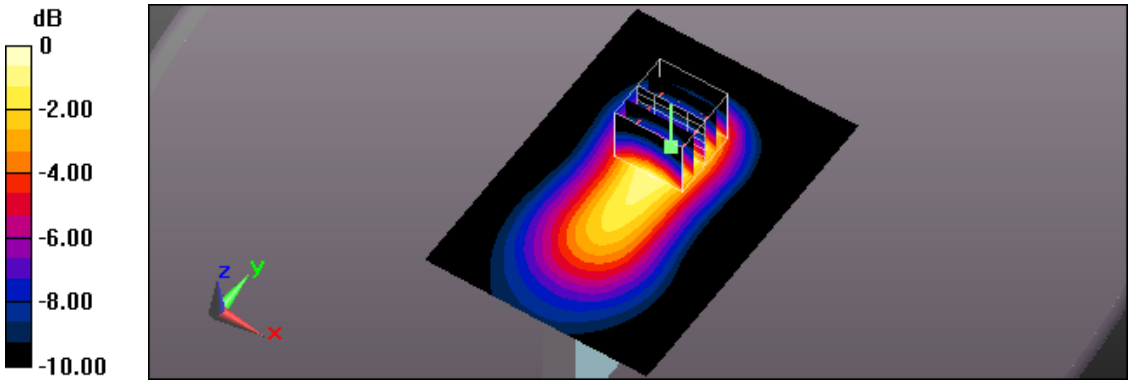
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/20 PM 07:35:14
84_LTE Band 66 CH132072_QPSK_BW 20 M_1RB Size 0RB Offset_Side3_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1720 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1720 MHz; σ = 1.43 S/m; ε_r = 53.044; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.91, 7.91, 7.91); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.856 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 22.17 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.979 W/kg
SAR(1 g) = 0.592 W/kg; SAR(10 g) = 0.361 W/kg
Maximum value of SAR (measured) = 0.832 W/kg



0 dB = 0.832 W/kg = -0.80 dBW/kg

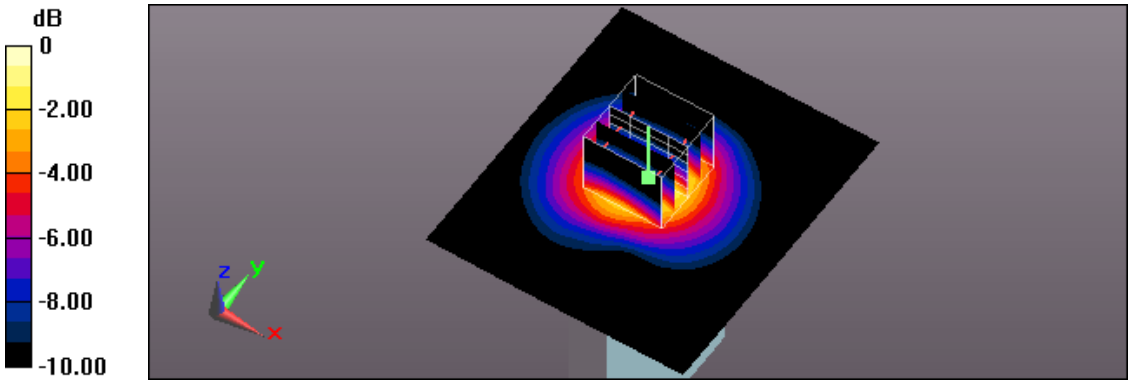
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/20 PM 07:53:42
85_LTE Band 66 CH132072_QPSK_BW 20 M_1RB Size 0RB Offset_Side4_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1720 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1720 MHz; σ = 1.43 S/m; ε_r = 53.044; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.91, 7.91, 7.91); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.716 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 22.73 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.850 W/kg
SAR(1 g) = 0.489 W/kg; SAR(10 g) = 0.285 W/kg
Maximum value of SAR (measured) = 0.714 W/kg



0 dB = 0.714 W/kg = -1.46 dBW/kg

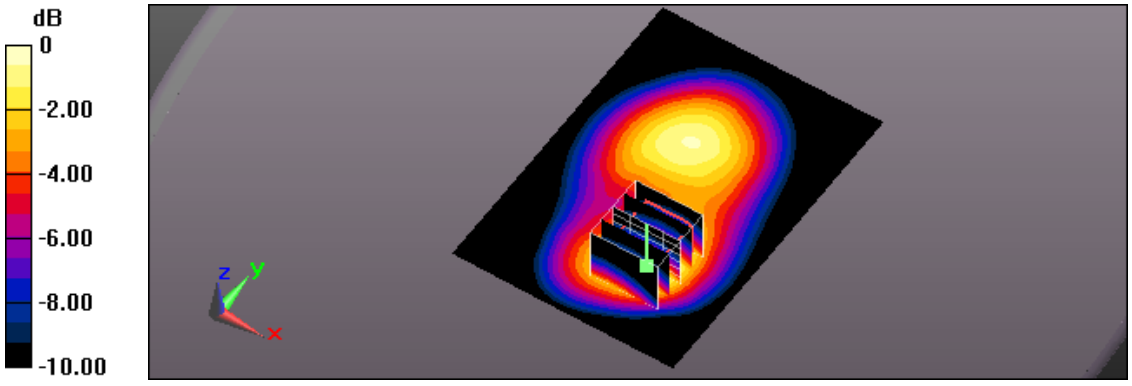
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/20 PM 03:41:46
73_LTE Band 66 CH132072_QPSK_BW 20 M_50RB Size 0RB Offset_Front_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1720 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1720 MHz; σ = 1.43 S/m; ε_r = 53.044; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.91, 7.91, 7.91); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.21 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 20.31 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 0.813 W/kg; SAR(10 g) = 0.490 W/kg
Maximum value of SAR (measured) = 1.13 W/kg



0 dB = 1.13 W/kg = 0.53 dBW/kg

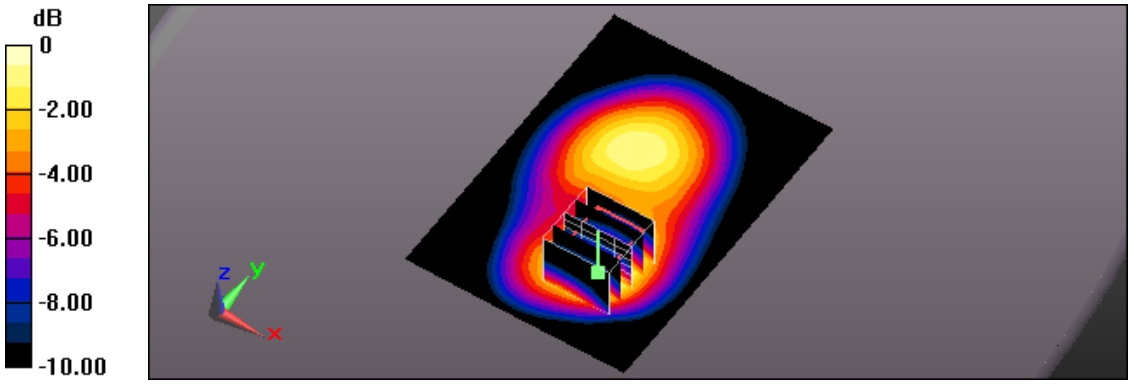
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/20 PM 03:57:48
74_LTE Band 66 CH132197_QPSK_BW 20 M_50RB Size 0RB Offset_Front_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.442 S/m; ε_r = 53.015; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.91, 7.91, 7.91); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.21 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 20.35 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.36 W/kg
SAR(1 g) = 0.816 W/kg; SAR(10 g) = 0.489 W/kg
Maximum value of SAR (measured) = 1.15 W/kg



0 dB = 1.15 W/kg = 0.61 dBW/kg

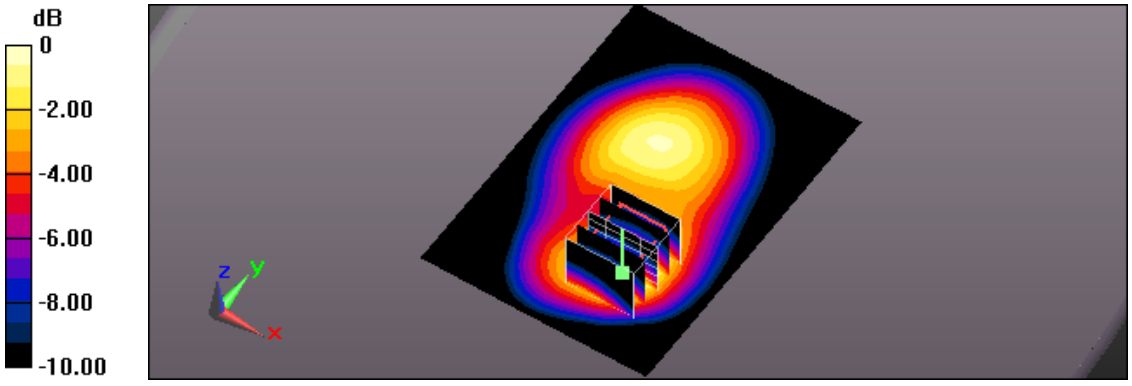
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/20 PM 03:25:45
72_LTE Band 66 CH132322_QPSK_BW 20 M_50RB Size 0RB Offset_Front_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.454 S/m; ε_r = 52.988; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.91, 7.91, 7.91); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.26 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 20.62 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 0.841 W/kg; SAR(10 g) = 0.505 W/kg
Maximum value of SAR (measured) = 1.15 W/kg



0 dB = 1.15 W/kg = 0.61 dBW/kg

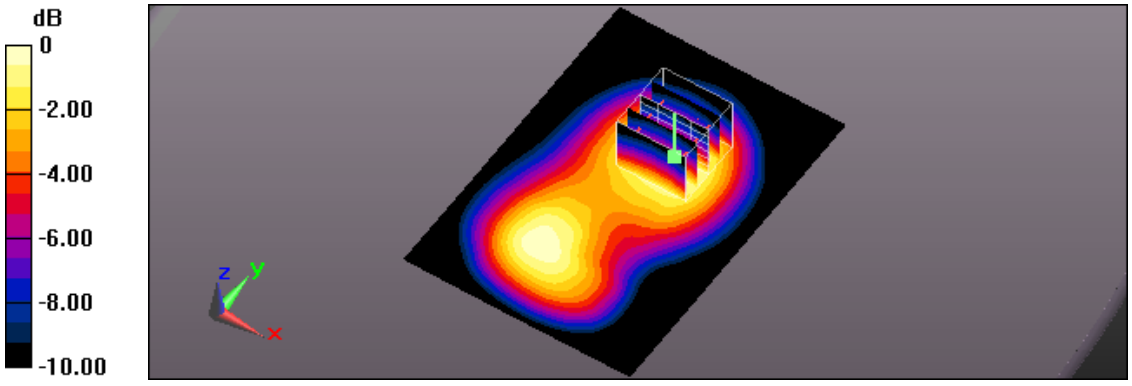
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/20 PM 05:25:19
79_LTE Band 66 CH132072_QPSK_BW 20 M_50RB Size 0RB Offset_Back_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1720 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1720 MHz; σ = 1.43 S/m; ε_r = 53.044; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.91, 7.91, 7.91); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.937 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 19.76 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.678 W/kg; SAR(10 g) = 0.444 W/kg
Maximum value of SAR (measured) = 0.916 W/kg



0 dB = 0.916 W/kg = -0.38 dBW/kg

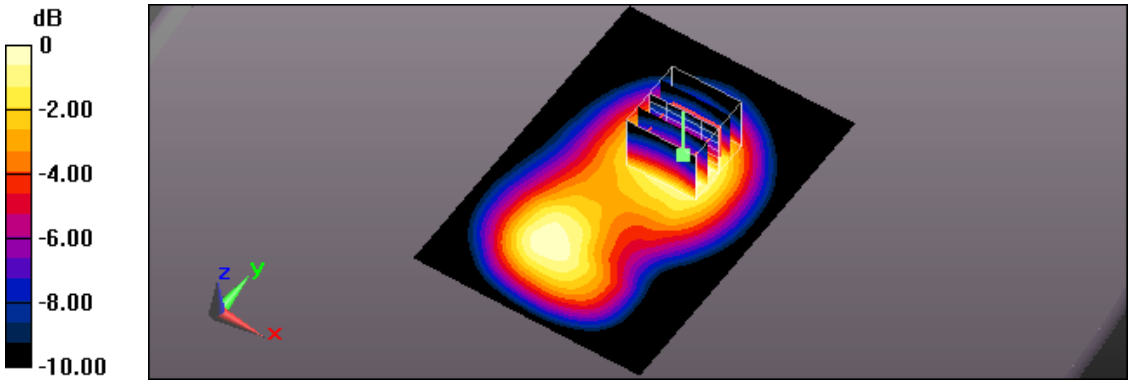
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/20 PM 05:44:00
80_LTE Band 66 CH132197_QPSK_BW 20 M_50RB Size 0RB Offset_Back_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.442 S/m; ε_r = 53.015; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.91, 7.91, 7.91); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.944 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 19.91 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.682 W/kg; SAR(10 g) = 0.448 W/kg
Maximum value of SAR (measured) = 0.915 W/kg



0 dB = 0.915 W/kg = -0.39 dBW/kg

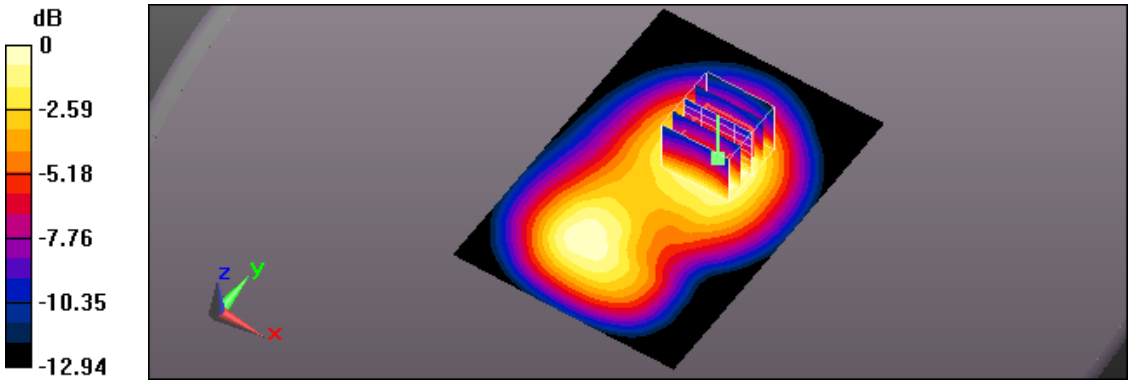
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/20 PM 05:07:34
78_LTE Band 66 CH132322_QPSK_BW 20 M_50RB Size 0RB Offset_Back_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.454 S/m; ε_r = 52.988; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.91, 7.91, 7.91); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.00 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 20.32 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.724 W/kg; SAR(10 g) = 0.474 W/kg
Maximum value of SAR (measured) = 0.971 W/kg



0 dB = 0.971 W/kg = -0.13 dBW/kg

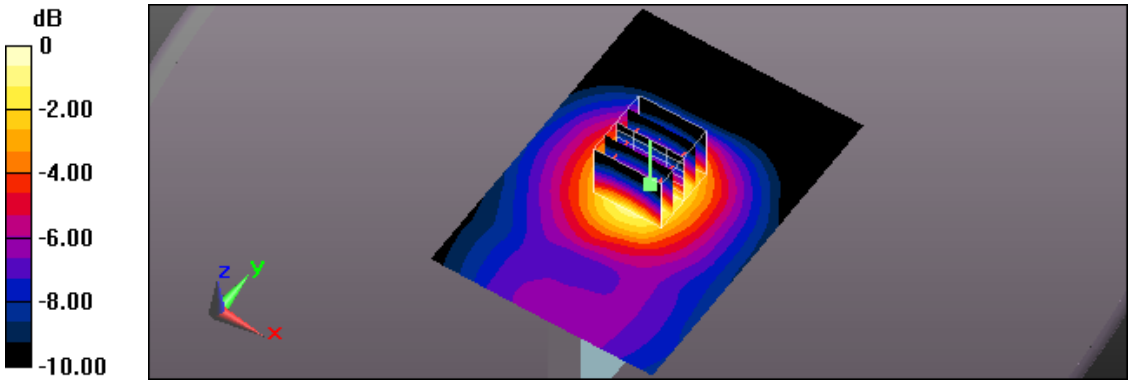
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/20 PM 06:58:32
86_LTE Band 66 CH132322_QPSK_BW 20 M_50RB Size 0RB Offset_Side1_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.454 S/m; ε_r = 52.988; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.91, 7.91, 7.91); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.182 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 11.52 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.212 W/kg
SAR(1 g) = 0.133 W/kg; SAR(10 g) = 0.085 W/kg
Maximum value of SAR (measured) = 0.183 W/kg



0 dB = 0.183 W/kg = -7.38 dBW/kg

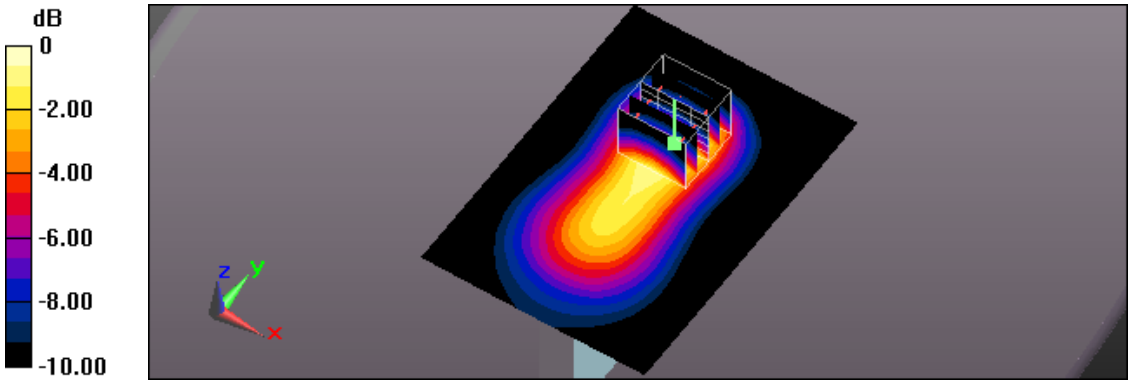
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/20 PM 07:16:53
87_LTE Band 66 CH132322_QPSK_BW 20 M_50RB Size 0RB Offset_Side3_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.454 S/m; ε_r = 52.988; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.91, 7.91, 7.91); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.836 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 21.43 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.960 W/kg
SAR(1 g) = 0.573 W/kg; SAR(10 g) = 0.344 W/kg
Maximum value of SAR (measured) = 0.816 W/kg



0 dB = 0.816 W/kg = -0.88 dBW/kg

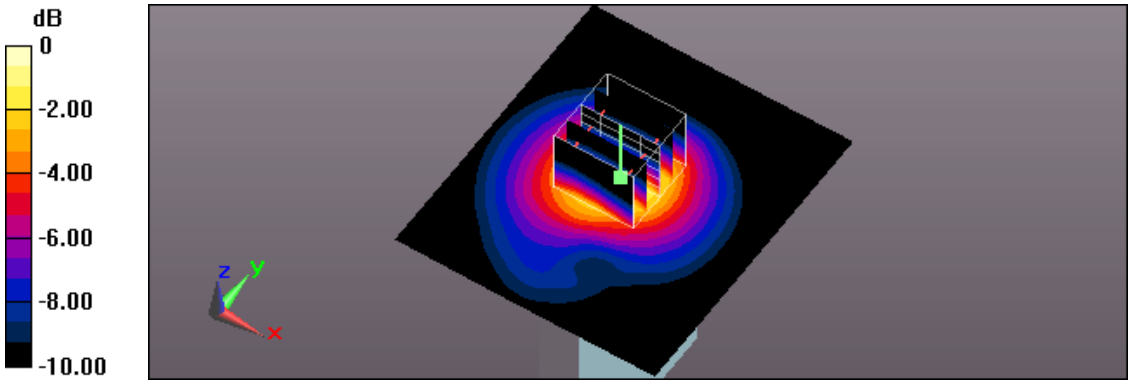
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/20 PM 08:12:15
88_LTE Band 66 CH132322_QPSK_BW 20 M_50RB Size 0RB Offset_Side4_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.454 S/m; ε_r = 52.988; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.91, 7.91, 7.91); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.530 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 19.40 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.620 W/kg
SAR(1 g) = 0.356 W/kg; SAR(10 g) = 0.207 W/kg
Maximum value of SAR (measured) = 0.520 W/kg



0 dB = 0.520 W/kg = -2.84 dBW/kg

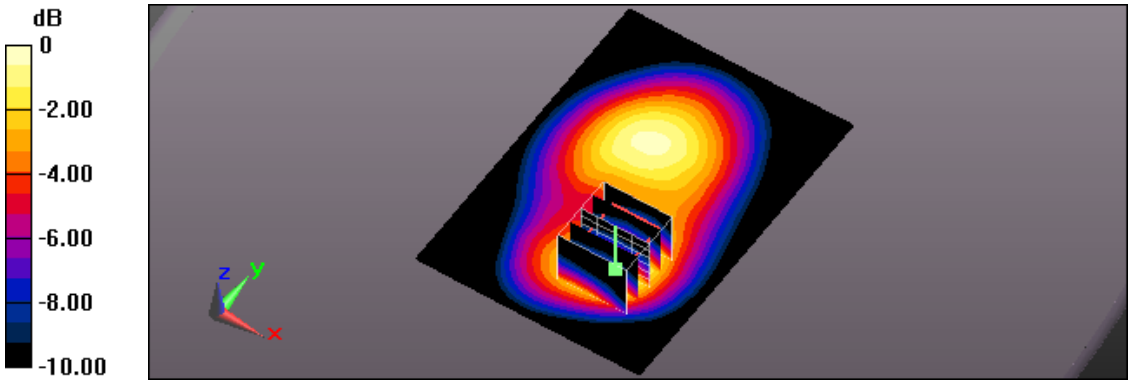
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/20 PM 06:21:57
82_LTE Band 66 CH132322_QPSK_BW 20 M_100RB Size 0RB Offset_Front_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.454 S/m; ε_r = 52.988; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.91, 7.91, 7.91); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.13 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 19.48 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.28 W/kg
SAR(1 g) = 0.767 W/kg; SAR(10 g) = 0.462 W/kg
Maximum value of SAR (measured) = 1.08 W/kg



0 dB = 1.08 W/kg = 0.33 dBW/kg

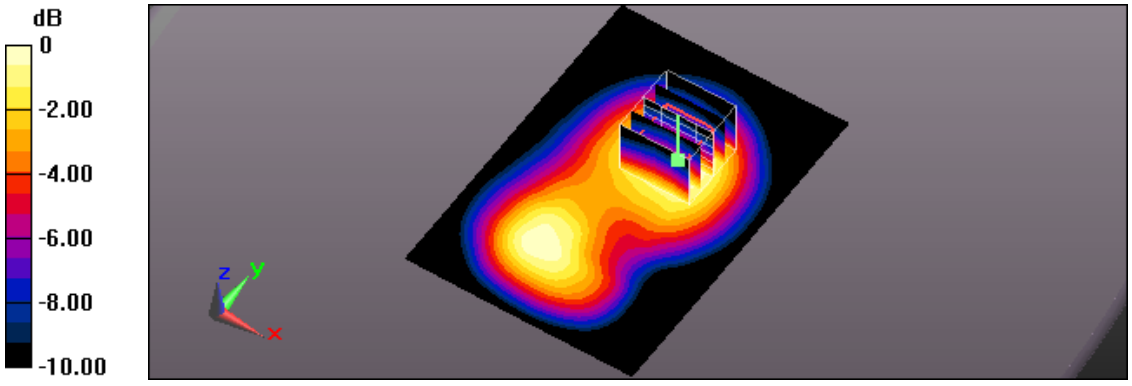
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/20 PM 06:01:48
81_LTE Band 66 CH132322_QPSK_BW 20 M_100RB Size 0RB Offset_Back_10 mm
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 1745 MHz; σ = 1.454 S/m; ε_r = 52.988; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.91, 7.91, 7.91); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.02 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 20.26 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.14 W/kg
SAR(1 g) = 0.735 W/kg; SAR(10 g) = 0.480 W/kg
Maximum value of SAR (measured) = 0.991 W/kg



0 dB = 0.991 W/kg = -0.04 dBW/kg

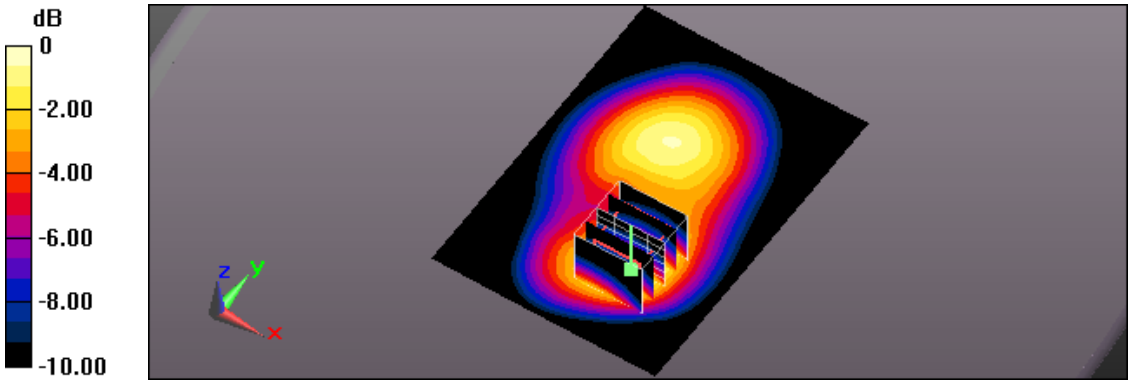
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/20 PM 08:30:14
89_LTE Band 66 CH132197_QPSK_BW 20 M_1RB Size 0RB Offset_Front_10 mm_ repeat
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.442 S/m; ε_r = 53.015; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.91, 7.91, 7.91); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.38 W/kg

Flat/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 21.69 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.58 W/kg
SAR(1 g) = 0.986 W/kg; SAR(10 g) = 0.599 W/kg
Maximum value of SAR (measured) = 1.33 W/kg



0 dB = 1.33 W/kg = 1.24 dBW/kg

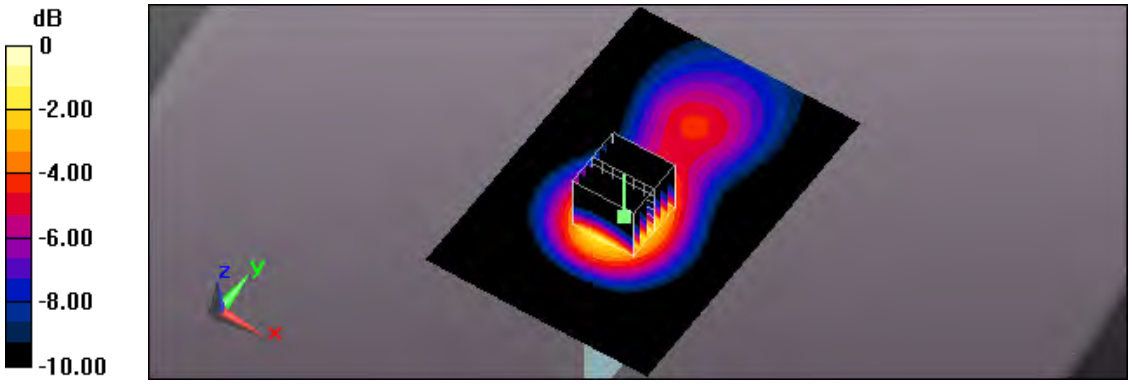
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/26 AM 11:10:57
109_LTE Band 30 CH27710_QPSK_BW 10 M_1RB Size 0RB Offset_Side1_10 mm_ repeat
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 2310 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2310 MHz; σ = 1.85 S/m; ε_r = 54.505; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.39, 7.39, 7.39); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.46 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 24.66 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.78 W/kg
SAR(1 g) = 0.985 W/kg; SAR(10 g) = 0.559 W/kg
Maximum value of SAR (measured) = 1.47 W/kg



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

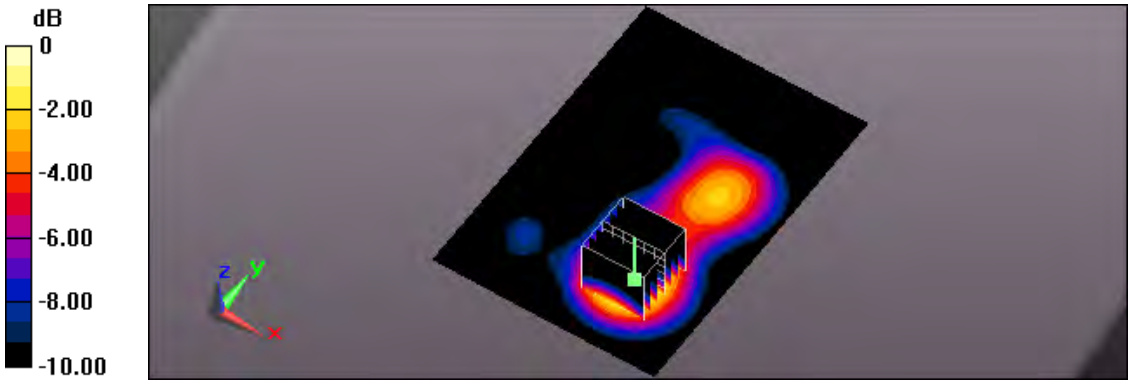
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/29 AM 01:47:34
127_LTE Band 7 CH21100_QPSK_BW 20 M_1RB Size 99RB Offset_Front_10 mm_ repeat
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2535 MHz; σ = 2.137 S/m; ε_r = 53.757; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.18, 7.18, 7.18); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.62 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 11.38 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 1.99 W/kg
SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.536 W/kg
Maximum value of SAR (measured) = 1.60 W/kg



0 dB = 1.60 W/kg = 2.04 dBW/kg

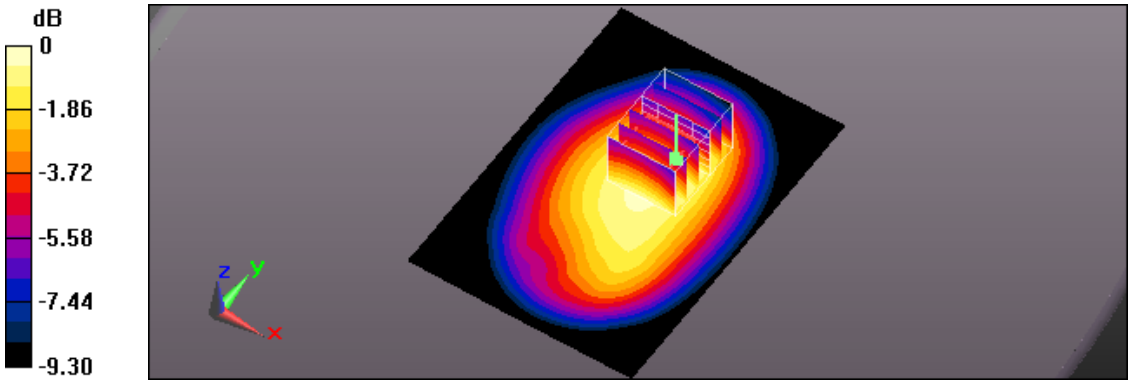
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/30 AM 02:06:23
168_LTE Band 14 CH23330_QPSK_BW 10 M_1RB Size 0RB Offset_Front_10_mm_ repeat
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, Generic LTE (0); Frequency: 793 MHz;Duty Cycle: 1:1
Medium parameters used: f = 793 MHz; σ = 1.007 S/m; ε_r = 56.571; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.71, 9.71, 9.71); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.922 W/kg

Flat/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8 mm, dy=8 mm, dz=5 mm
Reference Value = 29.70 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.775 W/kg; SAR(10 g) = 0.591 W/kg
Maximum value of SAR (measured) = 0.931 W/kg



0 dB = 0.931 W/kg = -0.31 dBW/kg

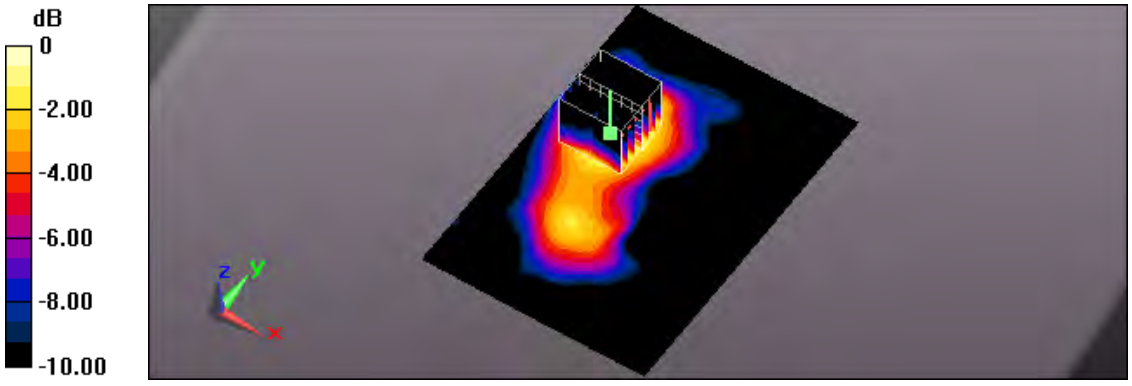
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/31 AM 04:18:44
169_IEEE 802.11b CH 1_1M_Front_10 mm_Ant 0
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, IEEE 802.11b (0); Frequency: 2412 MHz;Duty Cycle: 1:1.005
Medium parameters used (interpolated): f = 2412 MHz; σ = 1.968 S/m; ε_r = 53.976; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.3, 7.3, 7.3); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0316 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 1.569 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.0380 W/kg
SAR(1 g) = 0.020 W/kg; SAR(10 g) = 0.011 W/kg
Maximum value of SAR (measured) = 0.0314 W/kg



0 dB = 0.0314 W/kg = -15.03 dBW/kg

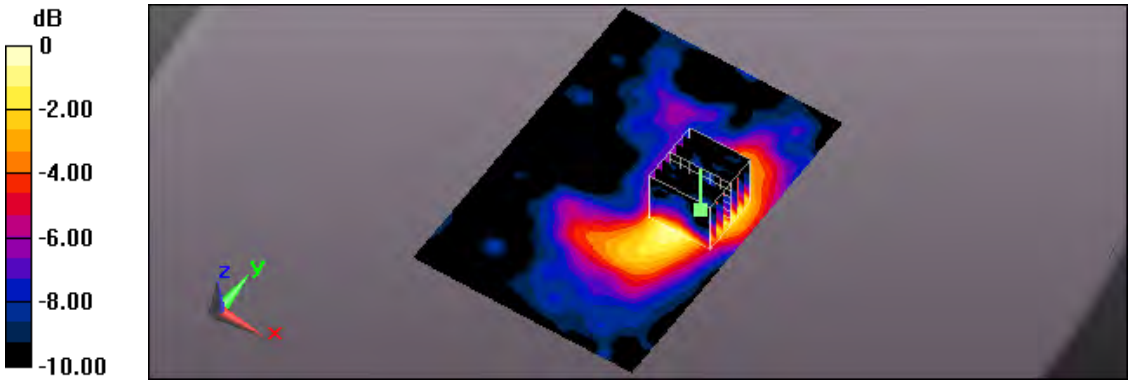
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/31 AM 04:54:41
170_IEEE 802.11b CH 1_1M_Back_10 mm_Ant 0
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, IEEE 802.11b (0); Frequency: 2412 MHz;Duty Cycle: 1:1.005
Medium parameters used (interpolated): f = 2412 MHz; σ = 1.968 S/m; ε_r = 53.976; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.3, 7.3, 7.3); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0218 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 3.120 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.0260 W/kg
SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.00801 W/kg
Maximum value of SAR (measured) = 0.0204 W/kg



0 dB = 0.0204 W/kg = -16.90 dBW/kg

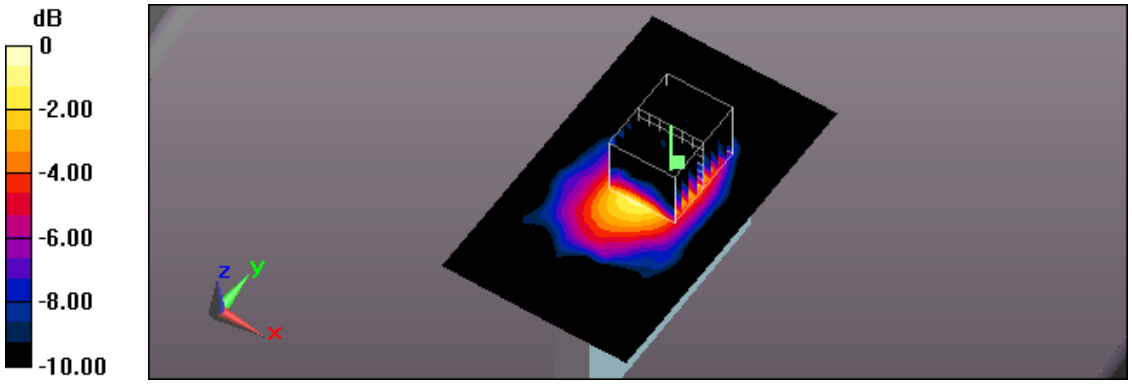
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/31 AM 09:40:36
171_IEEE 802.11b CH 1_1M_Side1_10 mm_Ant 0
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, IEEE 802.11b (0); Frequency: 2412 MHz;Duty Cycle: 1:1.005
Medium parameters used (interpolated): f = 2412 MHz; σ = 1.968 S/m; ε_r = 53.976; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.3, 7.3, 7.3); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0381 W/kg

Flat/Zoom Scan (7x9x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 4.390 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.0470 W/kg
SAR(1 g) = 0.024 W/kg; SAR(10 g) = 0.013 W/kg
Maximum value of SAR (measured) = 0.0371 W/kg



0 dB = 0.0371 W/kg = -14.31 dBW/kg

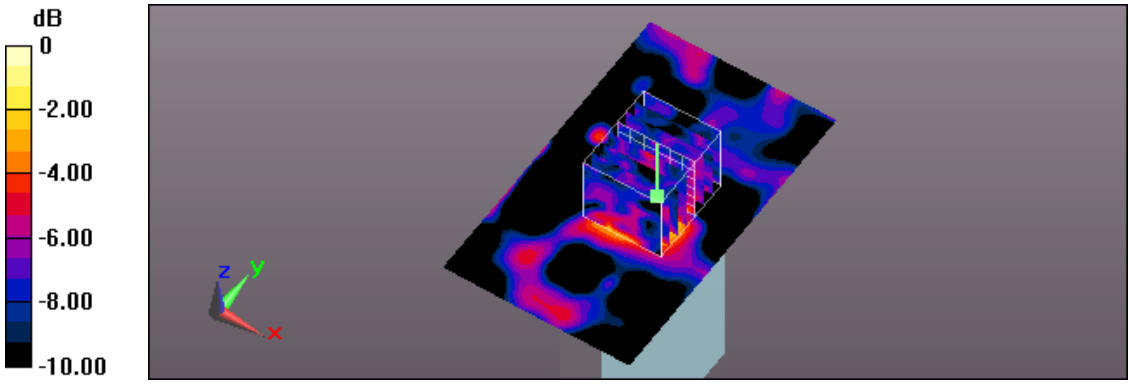
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/31 AM 10:47:02
172_IEEE 802.11b CH 1_1M_Side2_10 mm_Ant 0
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, IEEE 802.11b (0); Frequency: 2412 MHz;Duty Cycle: 1:1.005
Medium parameters used (interpolated): f = 2412 MHz; σ = 1.968 S/m; ε_r = 53.976; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.3, 7.3, 7.3); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0142 W/kg

Flat/Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 2.262 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.0310 W/kg
SAR(1 g) = 0.00669 W/kg; SAR(10 g) = 0.00368 W/kg
Maximum value of SAR (measured) = 0.0104 W/kg



0 dB = 0.0104 W/kg = -19.83 dBW/kg

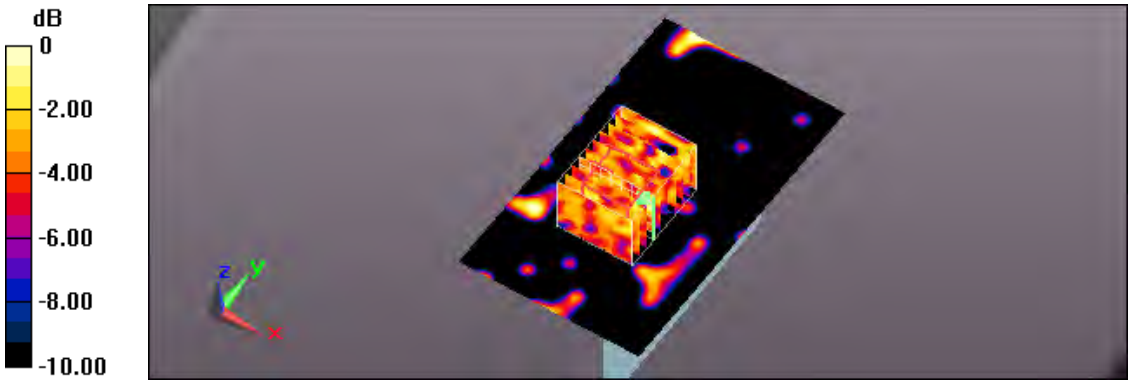
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/31 AM 10:08:23
173_IEEE 802.11b CH 1_1M_Side3_10 mm_Ant 0
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, IEEE 802.11b (0); Frequency: 2412 MHz;Duty Cycle: 1:1.005
Medium parameters used (interpolated): f = 2412 MHz; σ = 1.968 S/m; ε_r = 53.976; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.3, 7.3, 7.3); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.00570 W/kg

Flat/Zoom Scan (8x10x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.00335 W/kg
SAR(1 g) = 0.00188 W/kg; SAR(10 g) = 0.00126 W/kg
Maximum value of SAR (measured) = 0.00327 W/kg



0 dB = 0.00327 W/kg = -24.85 dBW/kg

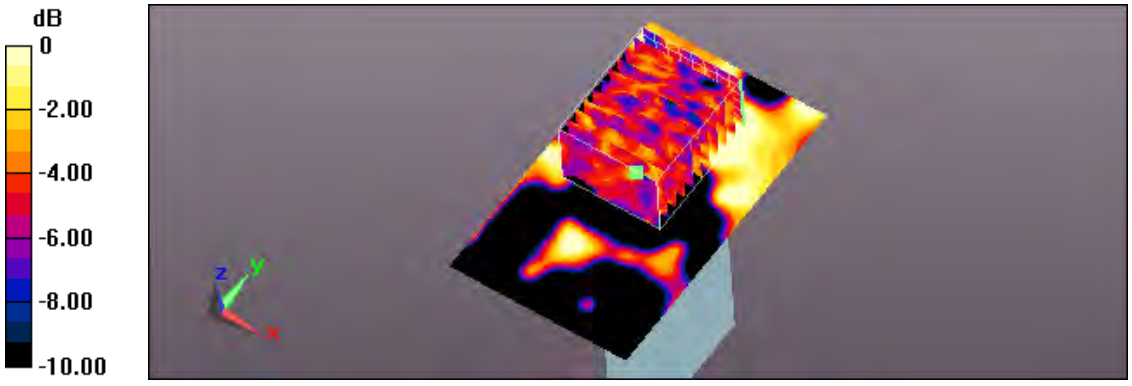
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/31 AM 11:12:31
174_IEEE 802.11b CH 1_1M_Side4_10 mm_Ant 0
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, IEEE 802.11b (0); Frequency: 2412 MHz;Duty Cycle: 1:1.005
Medium parameters used (interpolated): f = 2412 MHz; σ = 1.968 S/m; ε_r = 53.976; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.3, 7.3, 7.3); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0114 W/kg

Flat/Zoom Scan (9x11x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 0 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.00926 W/kg
SAR(1 g) = 0.003 W/kg; SAR(10 g) = 0.00103 W/kg
Maximum value of SAR (measured) = 0.00519 W/kg



0 dB = 0.00519 W/kg = -22.85 dBW/kg

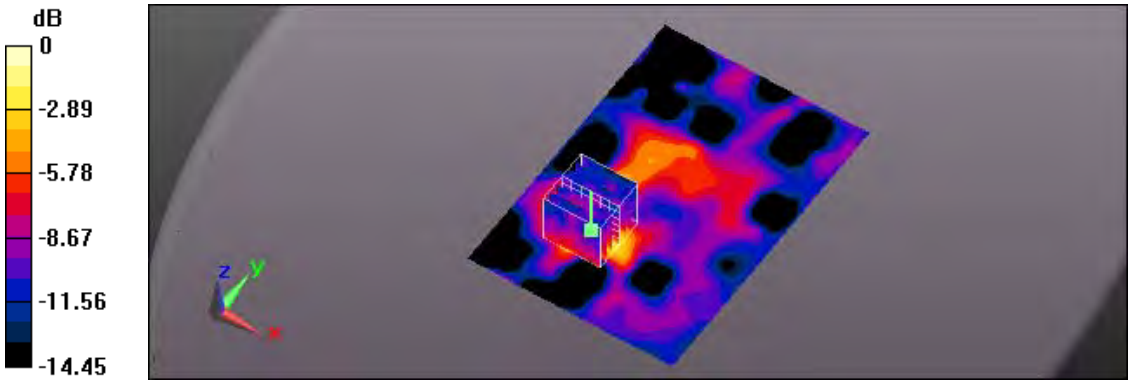
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/31 AM 11:53:18
175_IEEE 802.11b CH 11_1M_Front_10 mm_Ant 1
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, IEEE 802.11b (0); Frequency: 2462 MHz;Duty Cycle: 1:1.005
Medium parameters used (interpolated): f = 2462 MHz; σ = 2.03 S/m; ε_r = 53.766; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.3, 7.3, 7.3); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0256 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 1.134 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.0530 W/kg
SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.00795 W/kg
Maximum value of SAR (measured) = 0.0272 W/kg



0 dB = 0.0272 W/kg = -15.65 dBW/kg

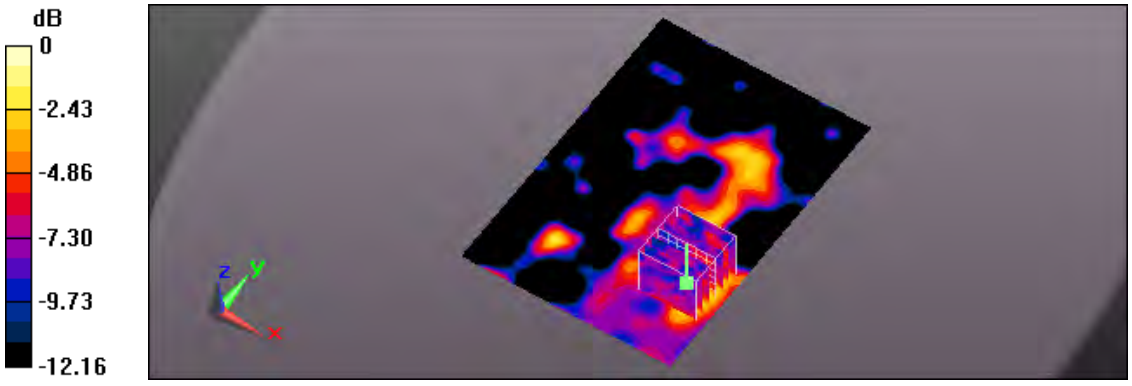
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/31 PM 12:30:03
176_IEEE 802.11b CH 11_1M_Back_10 mm_Ant 1
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, IEEE 802.11b (0); Frequency: 2462 MHz;Duty Cycle: 1:1.005
Medium parameters used (interpolated): f = 2462 MHz; σ = 2.03 S/m; ε_r = 53.766; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.3, 7.3, 7.3); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (91x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0122 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 0 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.0160 W/kg
SAR(1 g) = 0.00673 W/kg; SAR(10 g) = 0.00378 W/kg
Maximum value of SAR (measured) = 0.0116 W/kg



0 dB = 0.0116 W/kg = -19.36 dBW/kg

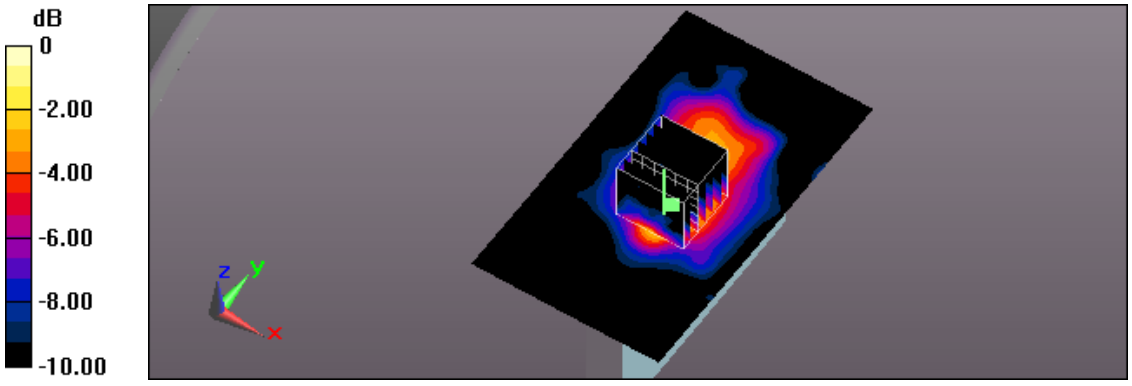
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/31 PM 01:16:03
177_IEEE 802.11b CH 11_1M_Side1_10 mm_Ant 1
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, IEEE 802.11b (0); Frequency: 2462 MHz;Duty Cycle: 1:1.005
Medium parameters used (interpolated): f = 2462 MHz; σ = 2.03 S/m; ε_r = 53.766; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.3, 7.3, 7.3); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0337 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 3.648 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.0420 W/kg
SAR(1 g) = 0.021 W/kg; SAR(10 g) = 0.011 W/kg
Maximum value of SAR (measured) = 0.0333 W/kg



0 dB = 0.0333 W/kg = -14.78 dBW/kg

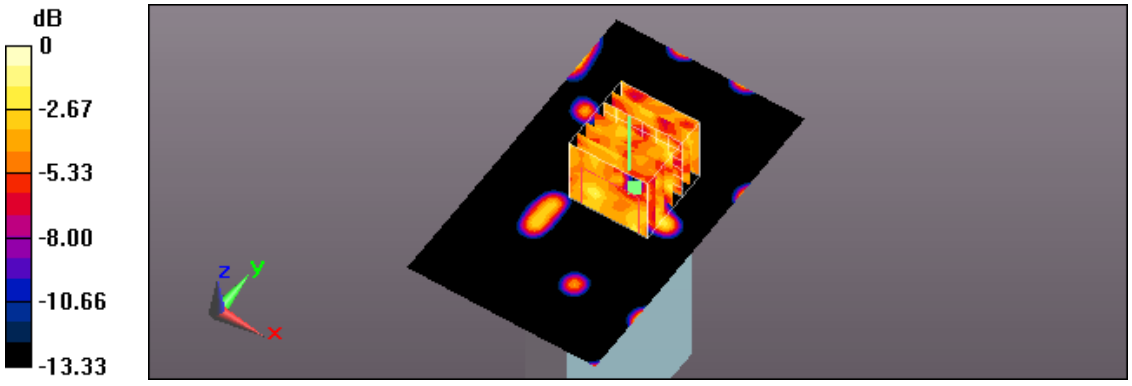
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/31 PM 02:20:47
178_IEEE 802.11b CH 11_1M_Side2_10 mm_Ant 1
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, IEEE 802.11b (0); Frequency: 2462 MHz;Duty Cycle: 1:1.005
Medium parameters used (interpolated): f = 2462 MHz; σ = 2.03 S/m; ε_r = 53.766; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.3, 7.3, 7.3); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0111 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 1.081 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.00964 W/kg
SAR(1 g) = 0.00112 W/kg; SAR(10 g) = 0.000428 W/kg
Maximum value of SAR (measured) = 0.00505 W/kg



0 dB = 0.00505 W/kg = -22.97 dBW/kg

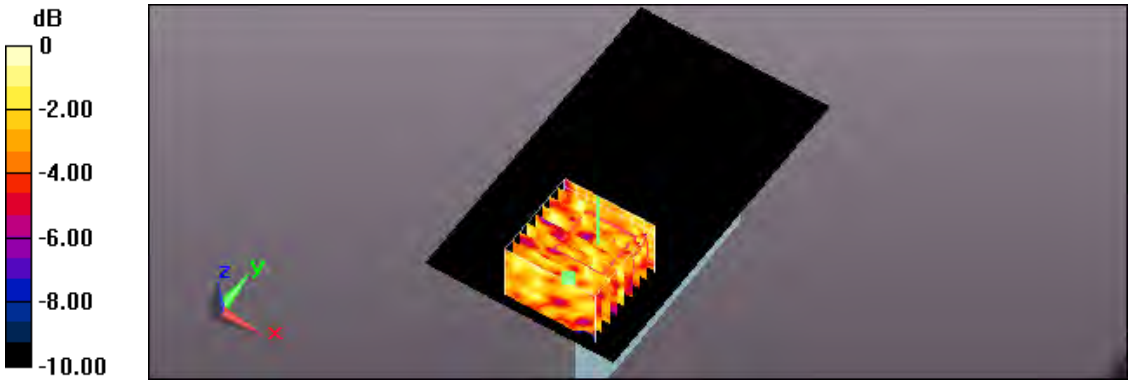
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/31 PM 01:44:48
179_IEEE 802.11b CH 11_1M_Side3_10 mm_Ant 1
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, IEEE 802.11b (0); Frequency: 2462 MHz;Duty Cycle: 1:1.005
Medium parameters used (interpolated): f = 2462 MHz; σ = 2.03 S/m; ε_r = 53.766; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.3, 7.3, 7.3); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.00205 W/kg

Flat/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.00341 W/kg
SAR(1 g) = 0.00208 W/kg; SAR(10 g) = 0.00151 W/kg
Maximum value of SAR (measured) = 0.00324 W/kg



0 dB = 0.00324 W/kg = -24.89 dBW/kg

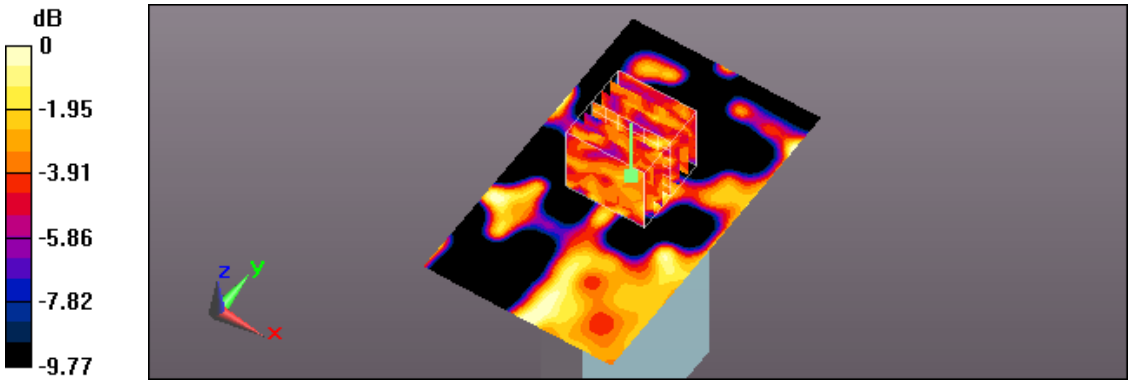
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/8/31 PM 02:54:26
180_IEEE 802.11b CH 11_1M_Side4_10 mm_Ant 1
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, IEEE 802.11b (0); Frequency: 2462 MHz;Duty Cycle: 1:1.005
Medium parameters used (interpolated): f = 2462 MHz; σ = 2.03 S/m; ε_r = 53.766; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.3, 7.3, 7.3); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (61x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0111 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5 mm, dy=5 mm, dz=5 mm
Reference Value = 1.501 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.00590 W/kg
SAR(1 g) = 0.00385 W/kg; SAR(10 g) = 0.00233 W/kg
Maximum value of SAR (measured) = 0.00489 W/kg



0 dB = 0.00489 W/kg = -23.11 dBW/kg

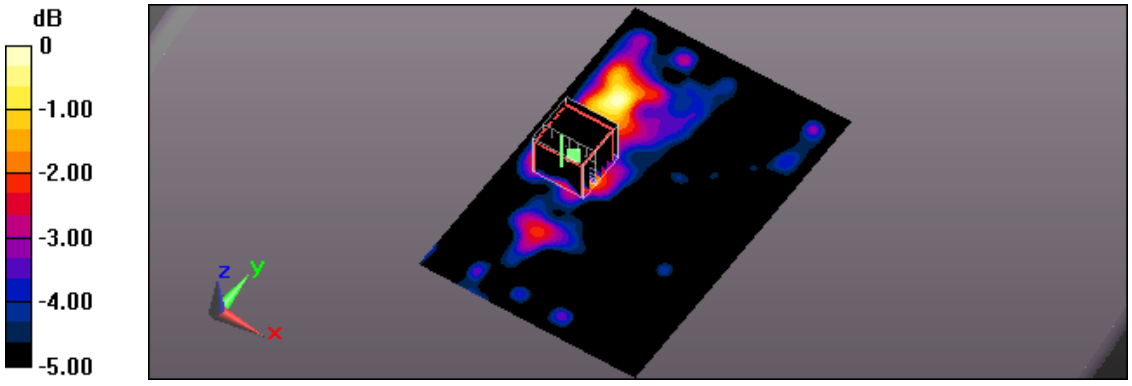
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/9/3 PM 06:25:13
181_IEEE 802.11ac 80 CH 42_MCS0_Front_10 mm_Ant 0
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, IEEE 802.11ac; Frequency: 5210 MHz;Duty Cycle: 1:1.176
Medium parameters used: f = 5210 MHz; σ = 5.253 S/m; ε_r = 48.745; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(4.84, 4.84, 4.84); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (101x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0649 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4 mm
Reference Value = 1.061 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.0860 W/kg
SAR(1 g) = 0.040 W/kg; SAR(10 g) = 0.023 W/kg
Maximum value of SAR (measured) = 0.0654 W/kg



0 dB = 0.0654 W/kg = -11.84 dBW/kg

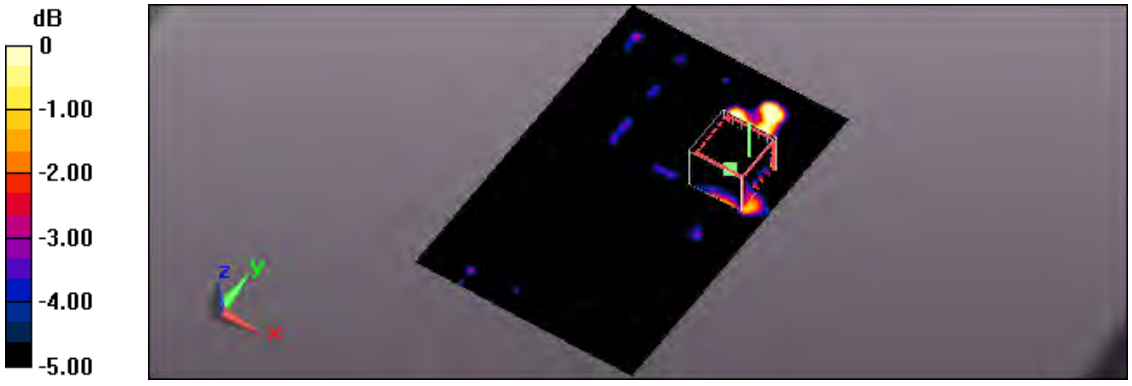
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/9/3 PM 06:57:31
182_IEEE 802.11ac 80 CH 42_MCS0_Back_10 mm_Ant 0
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, IEEE 802.11ac; Frequency: 5210 MHz;Duty Cycle: 1:1.176
Medium parameters used: f = 5210 MHz; σ = 5.253 S/m; ε_r = 48.745; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(4.84, 4.84, 4.84); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (101x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.112 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4 mm
Reference Value = 0.4430 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.130 W/kg
SAR(1 g) = 0.031 W/kg; SAR(10 g) = 0.020 W/kg
Maximum value of SAR (measured) = 0.0554 W/kg



0 dB = 0.0554 W/kg = -12.56 dBW/kg

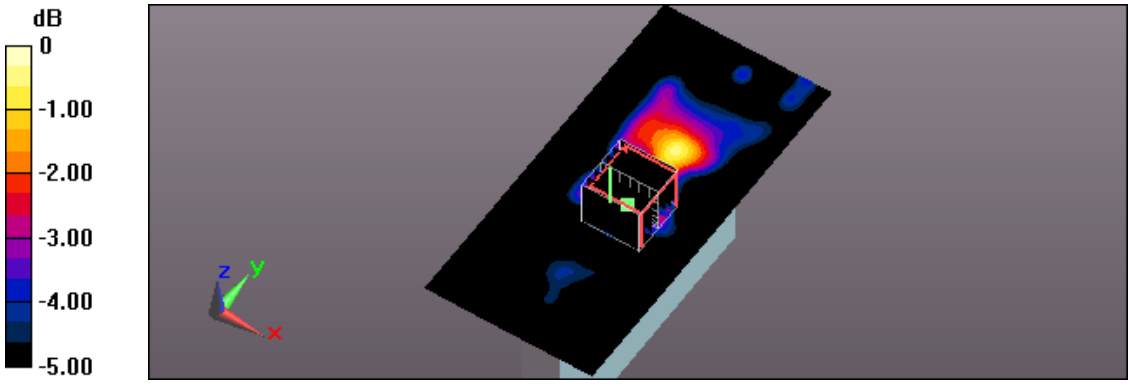
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/9/3 PM 07:31:48
183_IEEE 802.11ac 80 CH 42_MCS0_Side1_10 mm_Ant 0
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, IEEE 802.11ac; Frequency: 5210 MHz;Duty Cycle: 1:1.176
Medium parameters used: f = 5210 MHz; σ = 5.253 S/m; ε_r = 48.745; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(4.84, 4.84, 4.84); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0908 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4 mm
Reference Value = 4.436 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.139 W/kg
SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.025 W/kg
Maximum value of SAR (measured) = 0.0971 W/kg



0 dB = 0.0971 W/kg = -10.13 dBW/kg

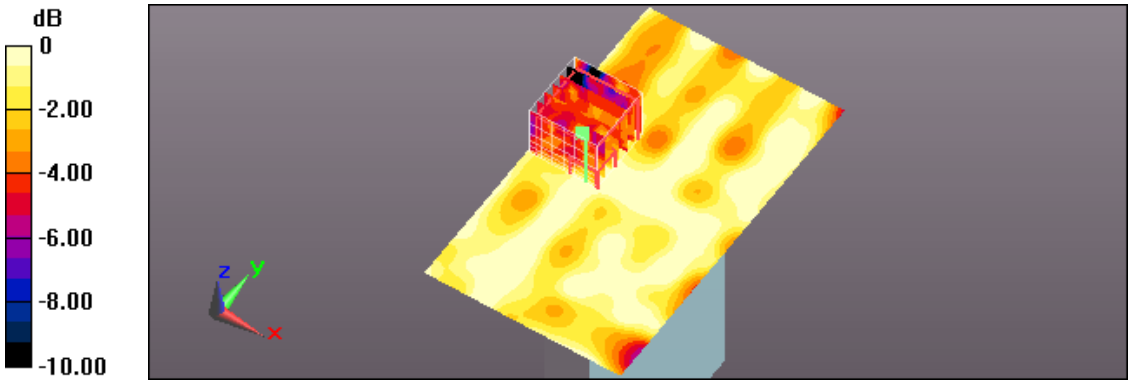
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/9/3 PM 08:54:38
184_IEEE 802.11ac 80 CH 42_MCS0_Side2_10 mm_Ant 0
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, IEEE 802.11ac; Frequency: 5210 MHz;Duty Cycle: 1:1.176
Medium parameters used: f = 5210 MHz; σ = 5.253 S/m; ε_r = 48.745; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(4.84, 4.84, 4.84); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0541 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4 mm
Reference Value = 2.214 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.0420 W/kg
SAR(1 g) = 0.019 W/kg; SAR(10 g) = 0.013 W/kg
Maximum value of SAR (measured) = 0.0317 W/kg



0 dB = 0.0317 W/kg = -14.99 dBW/kg

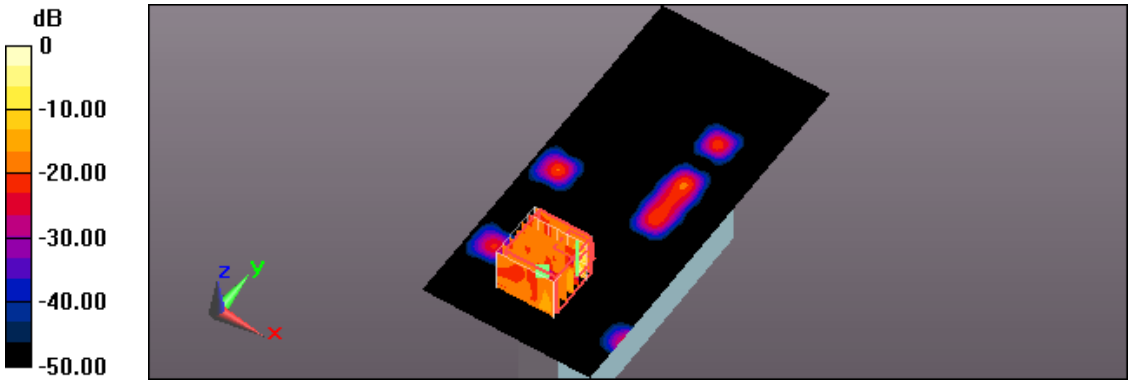
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/9/3 PM 08:15:22
185_IEEE 802.11ac 80 CH 42_MCS0_Side3_10 mm_Ant 0
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, IEEE 802.11ac; Frequency: 5210 MHz;Duty Cycle: 1:1.176
Medium parameters used: f = 5210 MHz; σ = 5.253 S/m; ε_r = 48.745; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(4.84, 4.84, 4.84); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0127 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4 mm
Reference Value = 1.818 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.936 W/kg
SAR(1 g) = 0.0083 W/kg; SAR(10 g) = 0.00105 W/kg
Maximum value of SAR (measured) = 0.936 W/kg



0 dB = 0.936 W/kg = -0.29 dBW/kg

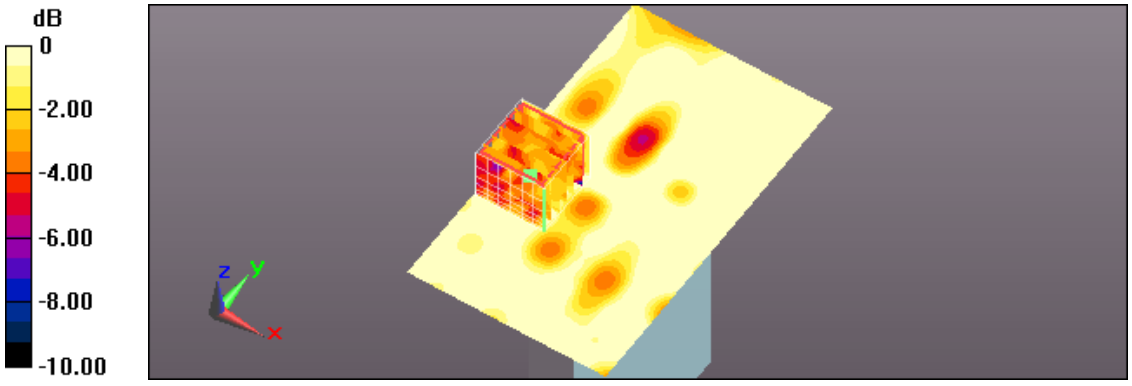
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/9/3 PM 09:33:34
186_IEEE 802.11ac 80 CH 42_MCS0_Side4_10 mm_Ant 0
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, IEEE 802.11ac; Frequency: 5210 MHz;Duty Cycle: 1:1.176
Medium parameters used: f = 5210 MHz; σ = 5.253 S/m; ε_r = 48.745; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(4.84, 4.84, 4.84); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (71x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0609 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4 mm
Reference Value = 2.203 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.0430 W/kg
SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.013 W/kg
Maximum value of SAR (measured) = 0.0246 W/kg



0 dB = 0.0246 W/kg = -16.09 dBW/kg

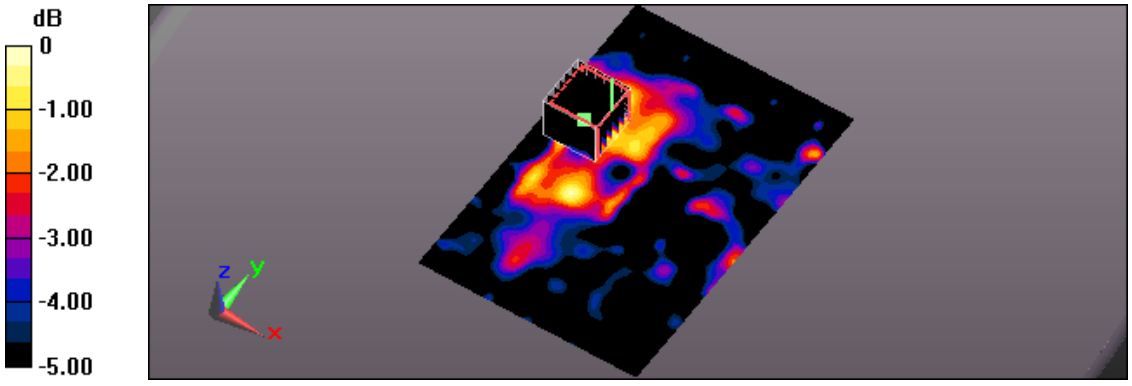
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/9/4 AM 01:12:57
187_IEEE 802.11ac 80 CH 155_MCS0_Front_10 mm_Ant 0
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, IEEE 802.11ac; Frequency: 5775 MHz;Duty Cycle: 1:1.176
Medium parameters used (interpolated): f = 5775 MHz; σ = 6.072 S/m; ε_r = 47.337; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(4.29, 4.29, 4.29); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (101x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.183 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4 mm
Reference Value = 2.004 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.196 W/kg
SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.021 W/kg
Maximum value of SAR (measured) = 0.139 W/kg



0 dB = 0.139 W/kg = -8.57 dBW/kg

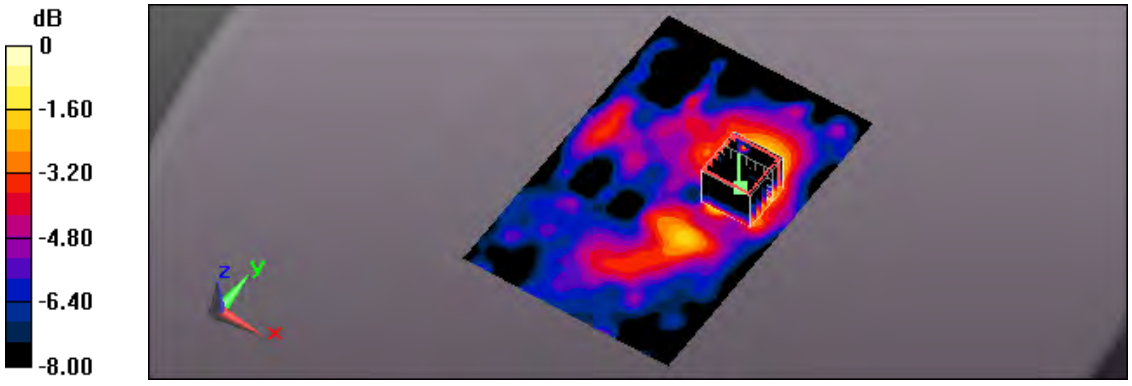
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/9/4 AM 09:03:36
188_IEEE 802.11ac 80 CH 155_MCS0_Back_10 mm_Ant 0
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, IEEE 802.11ac; Frequency: 5775 MHz;Duty Cycle: 1:1.176
Medium parameters used (interpolated): f = 5775 MHz; σ = 6.072 S/m; ε_r = 47.337; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(4.29, 4.29, 4.29); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (101x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.132 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4 mm
Reference Value = 2.457 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.576 W/kg
SAR(1 g) = 0.044 W/kg; SAR(10 g) = 0.015 W/kg
Maximum value of SAR (measured) = 0.123 W/kg



0 dB = 0.123 W/kg = -9.10 dBW/kg

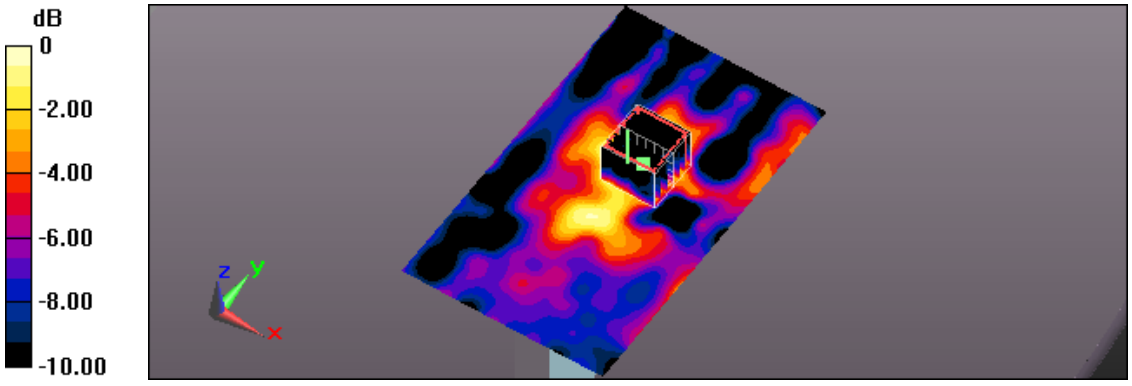
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/9/3 PM 11:13:06
189_IEEE 802.11ac 80 CH 155_MCS0_Side1_10 mm_Ant 0
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, IEEE 802.11ac; Frequency: 5775 MHz;Duty Cycle: 1:1.176
Medium parameters used (interpolated): f = 5775 MHz; σ = 6.072 S/m; ε_r = 47.337; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(4.29, 4.29, 4.29); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (91x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.260 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4 mm
Reference Value = 4.969 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.326 W/kg
SAR(1 g) = 0.125 W/kg; SAR(10 g) = 0.052 W/kg
Maximum value of SAR (measured) = 0.227 W/kg



0 dB = 0.227 W/kg = -6.44 dBW/kg

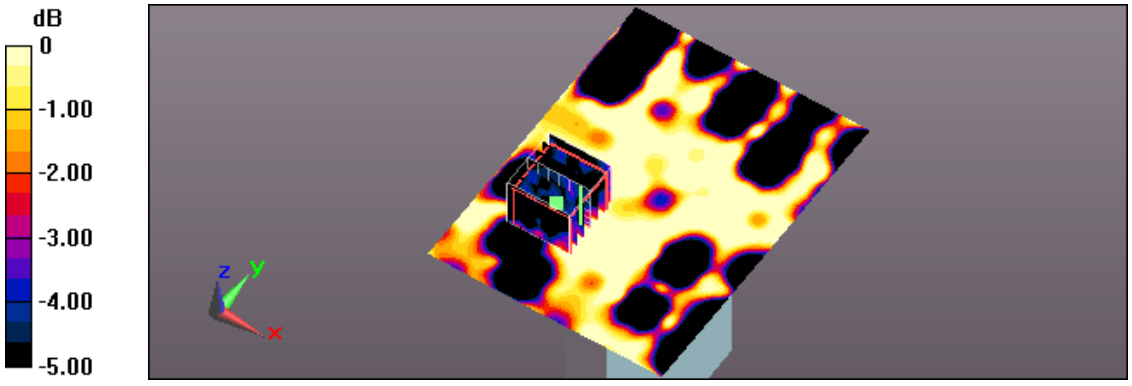
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/9/3 PM 10:45:07
190_IEEE 802.11ac 80 CH 155_MCS0_Side2_10 mm_Ant 0
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, IEEE 802.11ac; Frequency: 5775 MHz;Duty Cycle: 1:1.176
Medium parameters used (interpolated): f = 5775 MHz; σ = 6.072 S/m; ε_r = 47.337; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(4.29, 4.29, 4.29); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (91x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.103 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4 mm
Reference Value = 1.902 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.260 W/kg
SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.00417 W/kg
Maximum value of SAR (measured) = 0.0469 W/kg



0 dB = 0.0469 W/kg = -13.29 dBW/kg

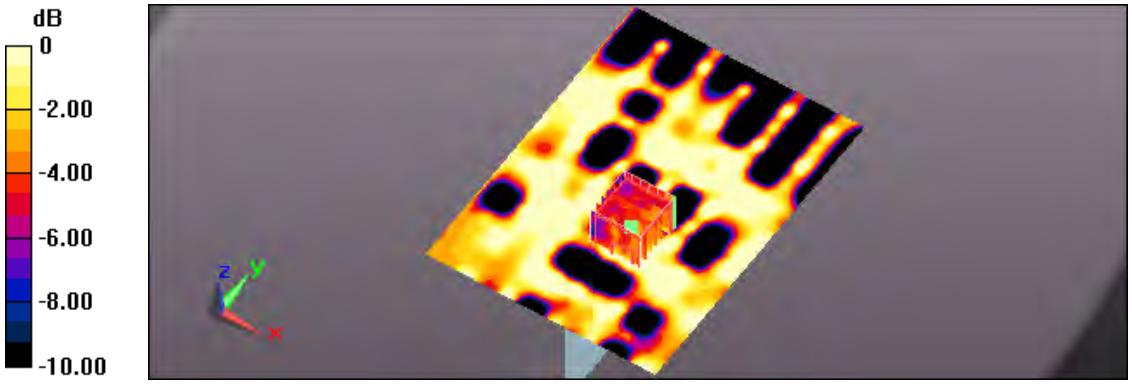
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/9/4 AM 12:37:52
191_IEEE 802.11ac 80 CH 155_MCS0_Side3_10 mm_Ant 0
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, IEEE 802.11ac; Frequency: 5775 MHz;Duty Cycle: 1:1.176
Medium parameters used (interpolated): f = 5775 MHz; σ = 6.072 S/m; ε_r = 47.337; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(4.29, 4.29, 4.29); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (111x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.115 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4 mm
Reference Value = 1.593 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.0860 W/kg
SAR(1 g) = 0.027 W/kg; SAR(10 g) = 0.020 W/kg
Maximum value of SAR (measured) = 0.0512 W/kg



0 dB = 0.0512 W/kg = -12.91 dBW/kg

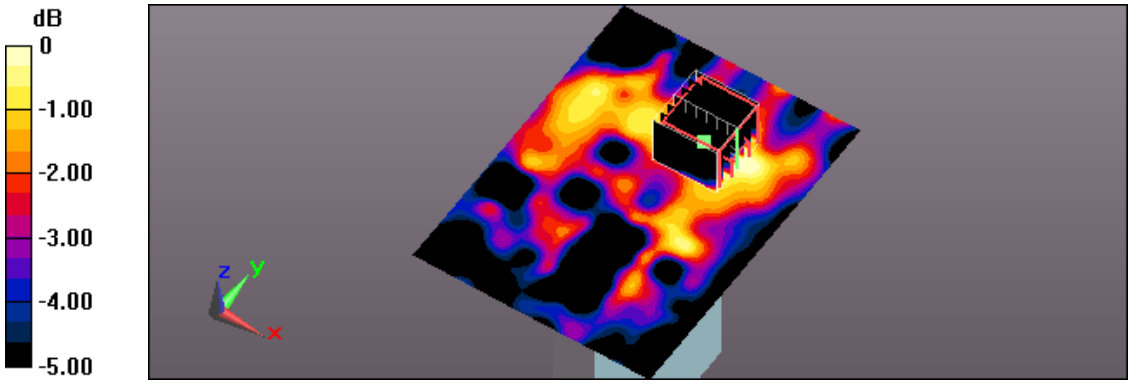
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/9/3 PM 10:18:55
192_IEEE 802.11ac 80 CH 155_MCS0_Side4_10 mm_Ant 0
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, IEEE 802.11ac; Frequency: 5775 MHz;Duty Cycle: 1:1.176
Medium parameters used (interpolated): f = 5775 MHz; σ = 6.072 S/m; ε_r = 47.337; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(4.29, 4.29, 4.29); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (91x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.103 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4 mm
Reference Value = 2.103 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.217 W/kg
SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.026 W/kg
Maximum value of SAR (measured) = 0.0967 W/kg



0 dB = 0.0967 W/kg = -10.15 dBW/kg

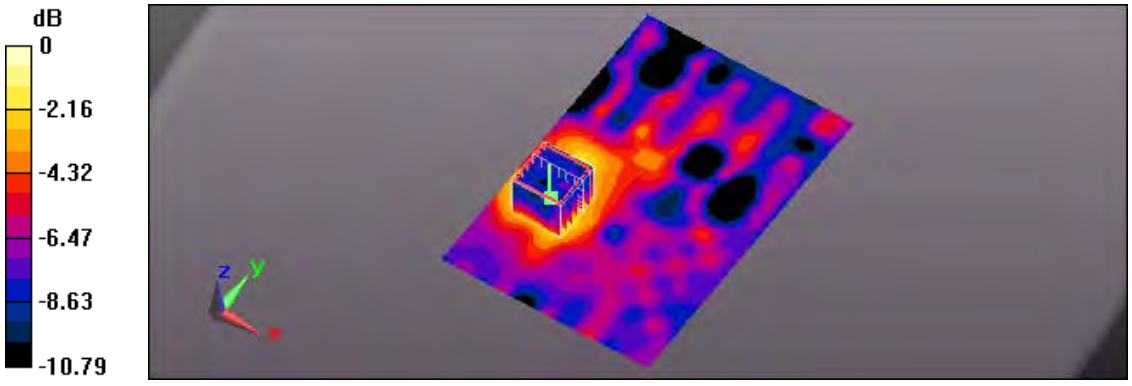
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/9/4 AM 09:43:04
193_IEEE 802.11ac 80 CH 42_MCS0_Front_10 mm_Ant 1
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, IEEE 802.11ac; Frequency: 5210 MHz;Duty Cycle: 1:1.176
Medium parameters used: f = 5210 MHz; σ = 5.253 S/m; ε_r = 48.745; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(4.84, 4.84, 4.84); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (101x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.134 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4 mm
Reference Value = 2.233 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.147 W/kg
SAR(1 g) = 0.069 W/kg; SAR(10 g) = 0.037 W/kg
Maximum value of SAR (measured) = 0.114 W/kg



0 dB = 0.114 W/kg = -9.43 dBW/kg

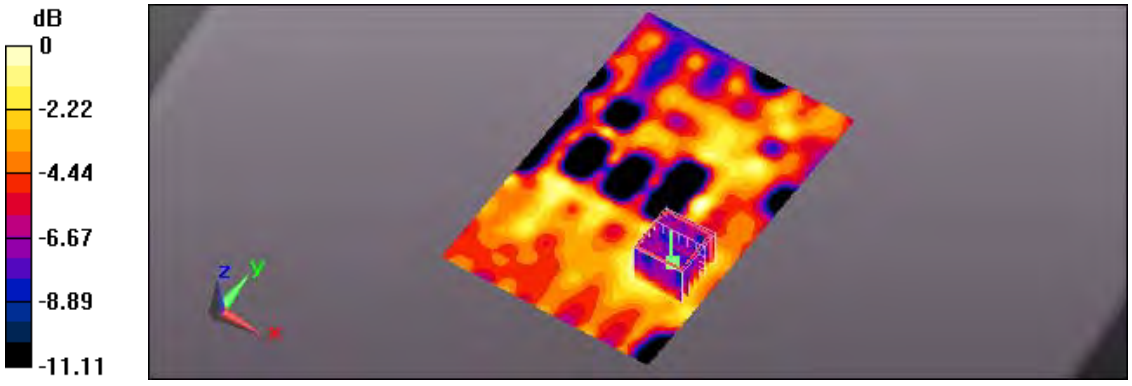
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/9/4 AM 10:57:05
194_IEEE 802.11ac 80 CH 42_MCS0_Back_10 mm_Ant 1
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, IEEE 802.11ac; Frequency: 5210 MHz;Duty Cycle: 1:1.176
Medium parameters used: f = 5210 MHz; σ = 5.253 S/m; ε_r = 48.745; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(4.84, 4.84, 4.84); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (101x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0929 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4 mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.0960 W/kg
SAR(1 g) = 0.042 W/kg; SAR(10 g) = 0.025 W/kg
Maximum value of SAR (measured) = 0.0683 W/kg



0 dB = 0.0683 W/kg = -11.66 dBW/kg

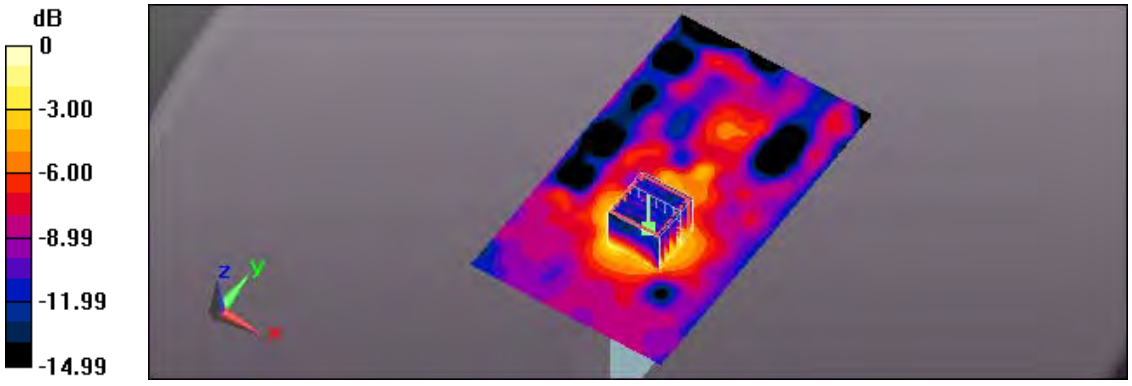
Test Laboratory: A Test Lab Techno Corp.
Date/Time: 2018/9/4 AM 11:33:47
195_IEEE 802.11ac 80 CH 42_MCS0_Side1_10 mm_Ant 1
DUT: AC797S; Type: Netgear Mobile Hotspot; Serial: 015253000000651

Communication System: UID 0, IEEE 802.11ac; Frequency: 5210 MHz;Duty Cycle: 1:1.176
Medium parameters used: f = 5210 MHz; σ = 5.253 S/m; ε_r = 48.745; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)
DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(4.84, 4.84, 4.84); Calibrated: 2018/4/26;
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2018/3/22
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1036
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Flat/Area Scan (91x151x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.266 W/kg

Flat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4 mm
Reference Value = 4.369 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.289 W/kg
SAR(1 g) = 0.135 W/kg; SAR(10 g) = 0.066 W/kg
Maximum value of SAR (measured) = 0.236 W/kg



0 dB = 0.236 W/kg = -6.27 dBW/kg