

LTE Band 4 (Secondary Antenna)_volume scan

RHS/Touch_QPSK_RB# 1,49_Ch 20300/Volume Scan (13x13x7): Measurement grid: dx=5mm, dy=5mm, dz=5mm

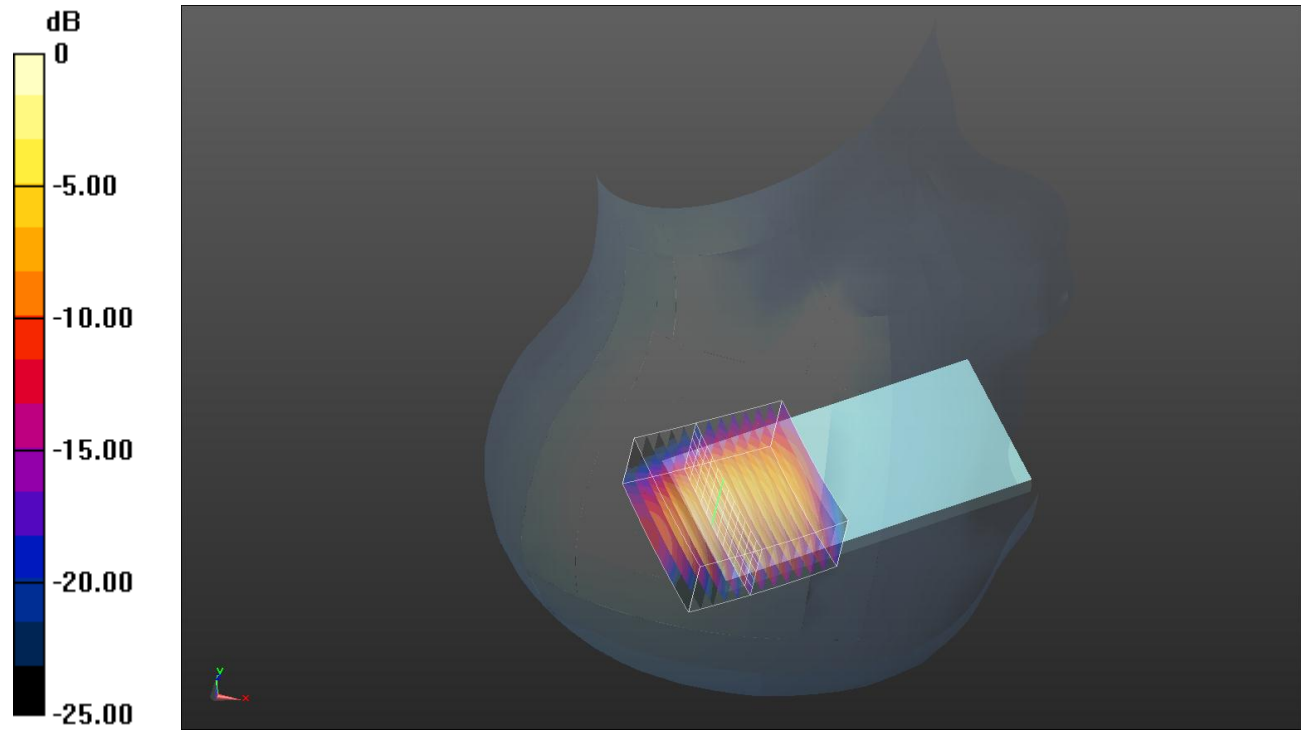
Reference Value = 8.151 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.2200

SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.608 mW/g

Total Absorbed Power = 0.0232576 W

Maximum value of SAR (measured) = 1.586 mW/g



0 dB = 1.590mW/g = 4.03 dB mW/g

WiFi 2.4GHz_ volume scan

RHS/Touch_802.11b_ch 6/Volume Scan (13x13x7): Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.642 V/m; Power Drift = -0.21 dB

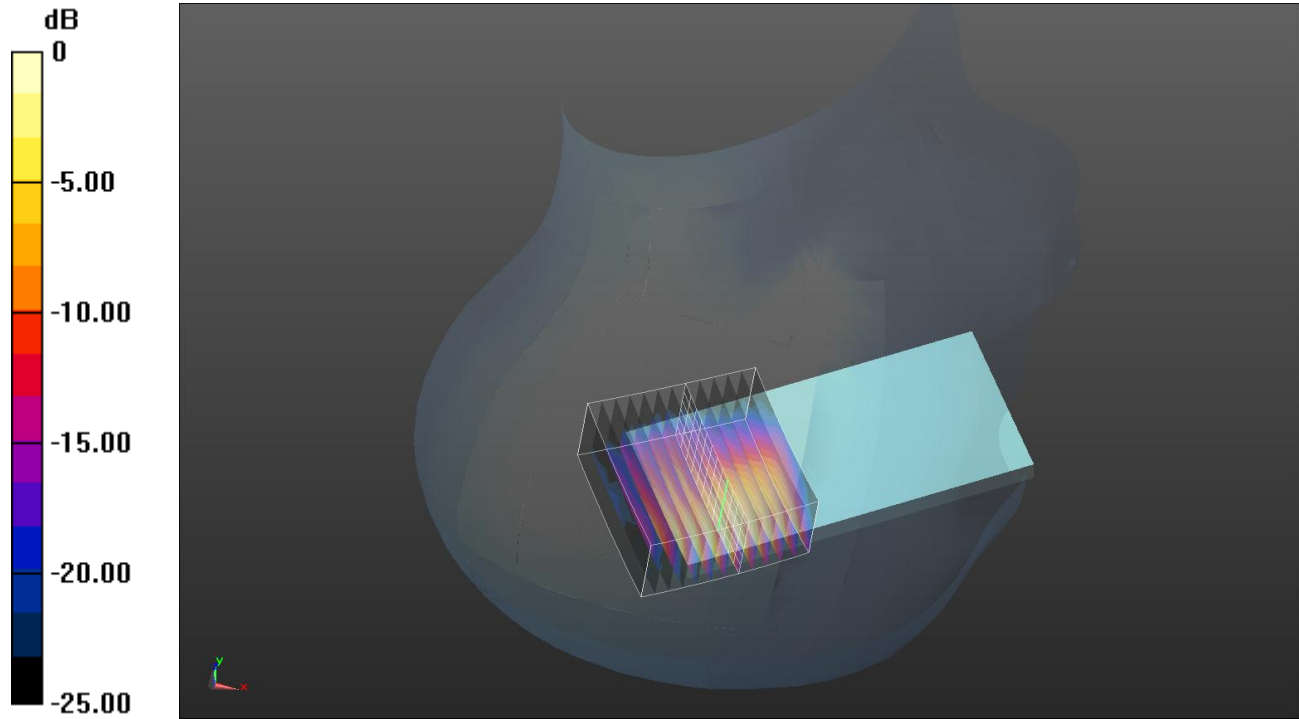
Peak SAR (extrapolated) = 1.3010

SAR(1 g) = 0.576 mW/g; SAR(10 g) = 0.251 mW/g

Total Absorbed Power = 0.00634226 W

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.834 mW/g



0 dB = 0.830mW/g = -1.62 dB mW/g

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for RHS/Touch_QPSK_RB# 1,49_Ch 20300/Volume Scan:

Date/Time: 9/4/2012 11:30:08 AM

Test Laboratory: UL CCS SAR Lab A

File Name: [LTE Band 4 \(Secondary Antenna\) volume scan_04Sep12.da52:0](#)

Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1; PMF: 1

Medium: HSL1750 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.339$ mho/m; $\epsilon_r = 39.727$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3772; ConvF(7.79, 7.79, 7.79); Calibrated: 2/16/2012
 - Sensor-Surface: 2.5mm (Mechanical Surface Detection)
 - Electronics: DAE4 Sn1258; Calibrated: 3/8/2012
 - Phantom: SAM v5.0 (A); Type: QD000P40CC; Serial: 1602
 - Measurement SW: DASY52, Version 52.8 (1)
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DASY Configuration for RHS/Touch_802.11b_ch 6/Volume Scan:

Date/Time: 9/4/2012 1:27:05 PM

Test Laboratory: UL CCS SAR Lab A

File Name: [WiFi 2.4GHz SAMR.da52:0](#)

Communication System: IEEE 802.11b/g/n 2.4 GHz Band; Frequency: 2437 MHz; Duty Cycle: 1:1; PMF: 1

Medium: HSL2450 Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.84$ mho/m; $\epsilon_r = 37.444$; $\rho = 1000$ kg/m³

Phantom section: Right Section

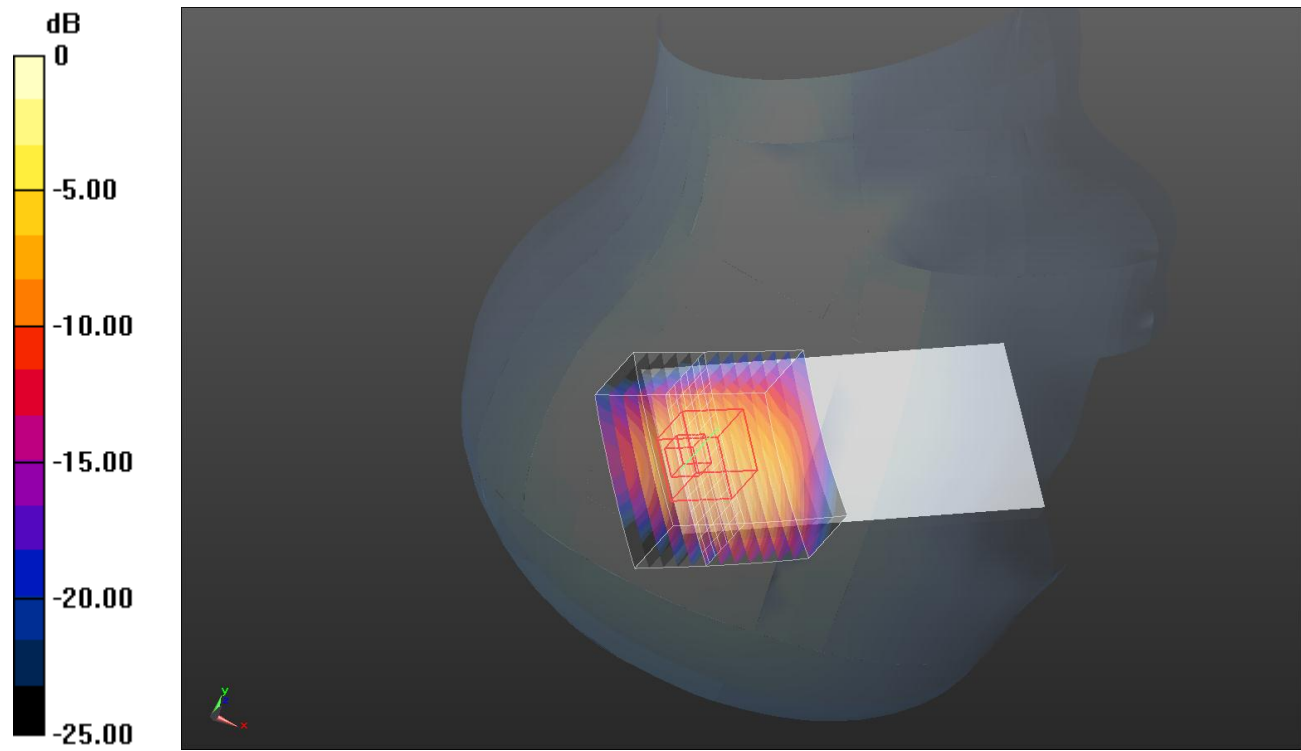
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3772; ConvF(6.64, 6.64, 6.64); Calibrated: 2/16/2012
 - Sensor-Surface: 2.5mm (Mechanical Surface Detection)
 - Electronics: DAE4 Sn1258; Calibrated: 3/8/2012
 - Phantom: SAM v5.0 (B); Type: QD000P40CD; Serial: 1628
 - Measurement SW: DASY52, Version 52.8 (1)
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Multi Band Result:

SAR(1 g) = 1.34 mW/g; SAR(10 g) = 0.710 mW/g

Maximum value of SAR (interpolated) = 2.584 mW/g



0 dB = 2.580mW/g = 8.23 dB mW/g