Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Rear/1xRTT_RC3_SO32_Ch 600_w/Headset/Volume Scan:

Date/Time: 6/2/2012 12:18:45 AM
Test Laboratory: UL CCS SAR Lab B
File Name: CDMA BC1.da52:1
DUT: LG; Type: VS930; Serial: Not Specified
Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL1900 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε_r = 52.488; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120
- Measurement SW: DASY52, Version 52.8 (0)

DASY Configuration for Rear/QPSK_10mm Separation_RB 1/0_Ch 782/Volume Scan:

Date/Time: 6/2/2012 11:23:59 PM
Test Laboratory: UL CCS SAR Lab B
File Name: LTE Band 13.da52:1
DUT: LG; Type: VS930; Serial: Not Specified
Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL750 Medium parameters used (interpolated): f = 782 MHz; σ = 0.983 mho/m; ε_r = 55.686; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3686; ConvF(8.87, 8.87, 8.87); Calibrated: 2/16/2012
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120
- Measurement SW: DASY52, Version 52.8 (0)

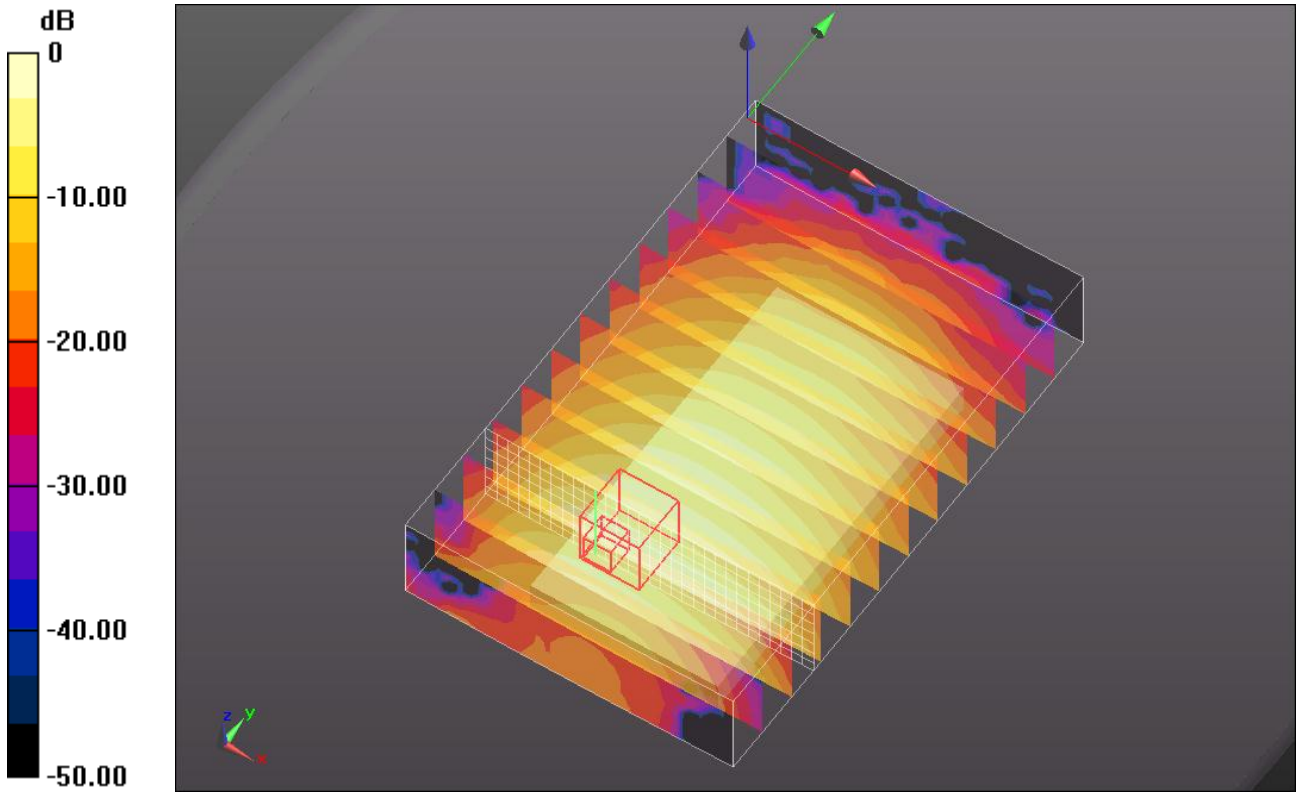
DASY Configuration for Rear/802.11b, Ch 1_w/Headset/Volume Scan:

Date/Time: 5/30/2012 9:56:51 PM
Test Laboratory: UL CCS SAR Lab B
File Name: WiFi 2.45GHz Band.da52:3
DUT: LG; Type: VS930; Serial: Not Specified
Communication System: IEEE 802.11b/g/n 2.4 GHz Band; Frequency: 2412 MHz; Duty Cycle: 1:1; PMF: 1
Medium: MSL2GHz Medium parameters used (interpolated): f = 2412 MHz; σ = 1.909 mho/m; ε_r = 52.391; ρ = 1000 kg/m^3

Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3686; ConvF(6.7, 6.7, 6.7); Calibrated: 2/16/2012
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120
- Measurement SW: DASY52, Version 52.8 (0)

Multi Band Result:
SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.753 mW/g
Maximum value of SAR (interpolated) = 1.905 mW/g



0 dB = 1.910mW/g = 5.62 dB mW/g