Date/Time: 11/16/2011 9:48:03 AM

Test Laboratory: UL CCS SAR Lab D

20111116_SystemPerformanceCheck-D5GHzV2 SN 1003

DUT: Dipole 5200-5800MHz; Type: D5GHzV2; Serial: 1003

Communication System: System Check Signal - CW; Frequency: 5500 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 5.41 mho/m; ε_r = 50.9; ρ = 1000 kg/m^3
Phantom section: Flat Section

Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

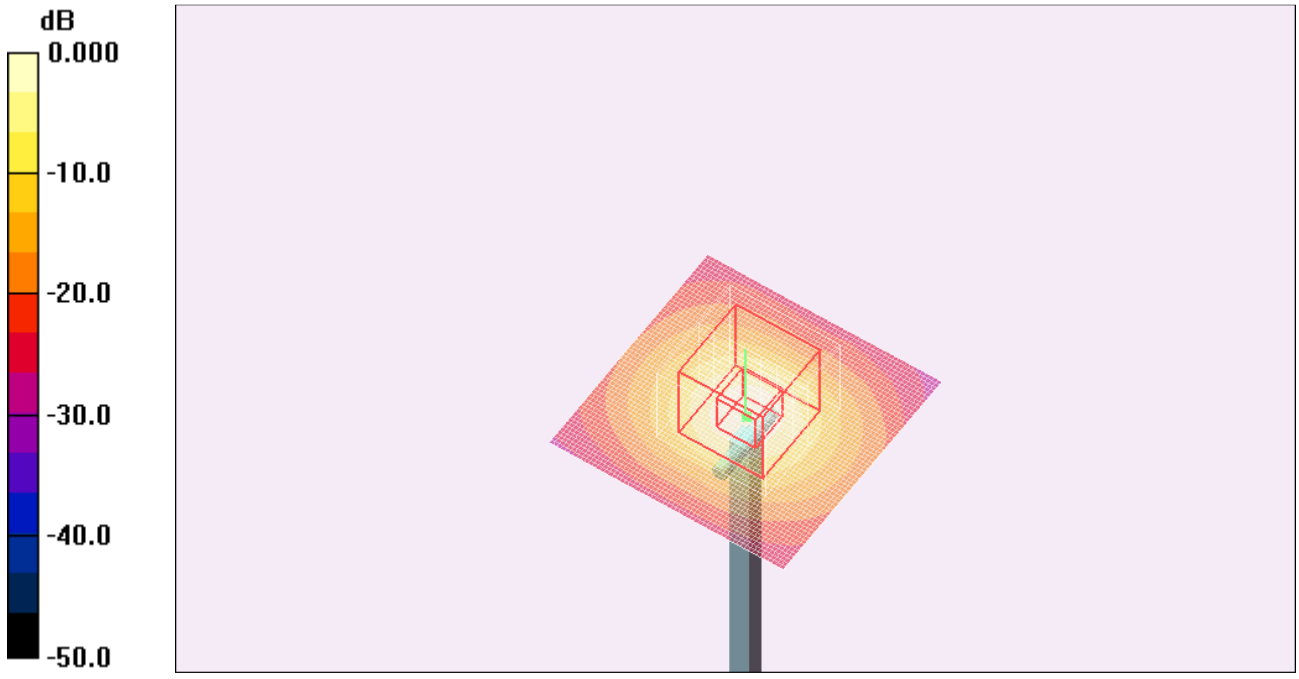
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(3.56, 3.56, 3.56); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1259; Calibrated: 5/3/2011
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BB; Serial: 1017
- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Body, 5500 MHz, Pin=100mW/Area Scan (61x61x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 13.9 mW/g

Body, 5500 MHz, Pin=100mW/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 55.5 V/m; Power Drift = -0.194 dB
Peak SAR (extrapolated) = 27.4 W/kg
SAR(1 g) = 7.59 mW/g; SAR(10 g) = 2.14 mW/g
Maximum value of SAR (measured) = 13.8 mW/g



0 dB = 13.8mW/g

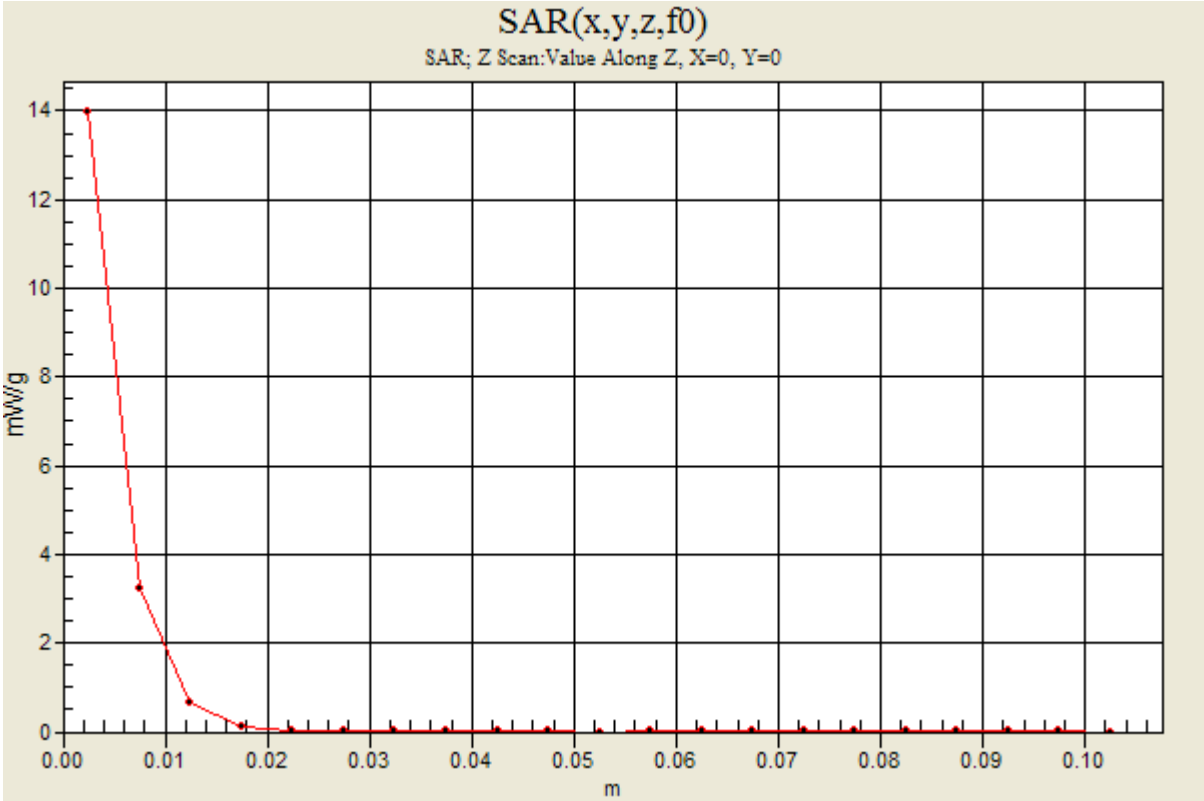
Date/Time: 11/16/2011 10:10:33 AM

Test Laboratory: UL CCS SAR Lab D

20111116_SystemPerformanceCheck-D5GHzV2 SN 1003

Communication System: System Check Signal - CW; Frequency: 5500 MHz; Duty Cycle: 1:1

Body, 5500 MHz, Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 14.0 mW/g



Date/Time: 11/16/2011 11:05:13 AM

Test Laboratory: UL CCS SAR Lab D

20111116_SystemPerformanceCheck-D5GHzV2 SN 1003

DUT: Dipole 5200-5800MHz; Type: D5GHzV2; Serial: 1003

Communication System: System Check Signal - CW; Frequency: 5800 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5800 MHz; σ = 5.81 mho/m; ε_r = 50.4; ρ = 1000 kg/m^3
Phantom section: Flat Section

Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

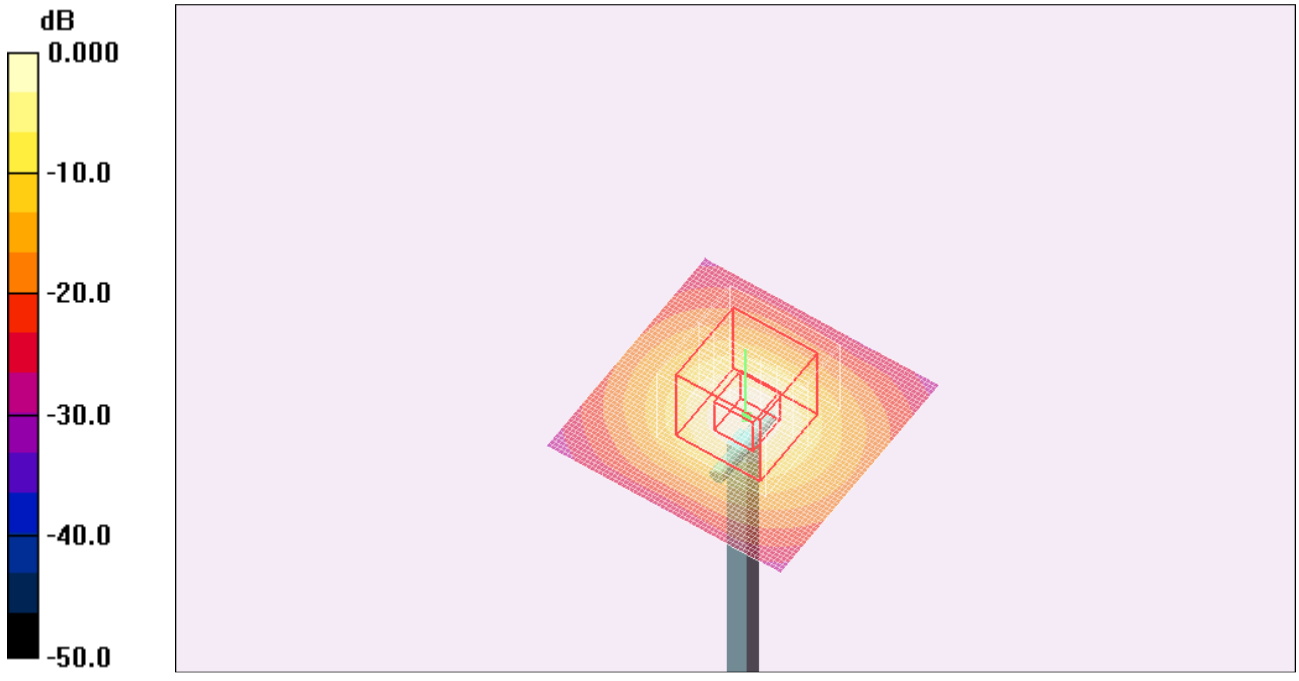
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(3.7, 3.7, 3.7); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1259; Calibrated: 5/3/2011
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BB; Serial: 1017
- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Body, 5800 MHz, Pin=100mW 2/Area Scan (61x61x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 13.0 mW/g

Body, 5800 MHz, Pin=100mW 2/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 51.3 V/m; Power Drift = -0.137 dB
Peak SAR (extrapolated) = 26.7 W/kg
SAR(1 g) = 7.08 mW/g; SAR(10 g) = 2 mW/g
Maximum value of SAR (measured) = 12.7 mW/g



0 dB = 12.7mW/g

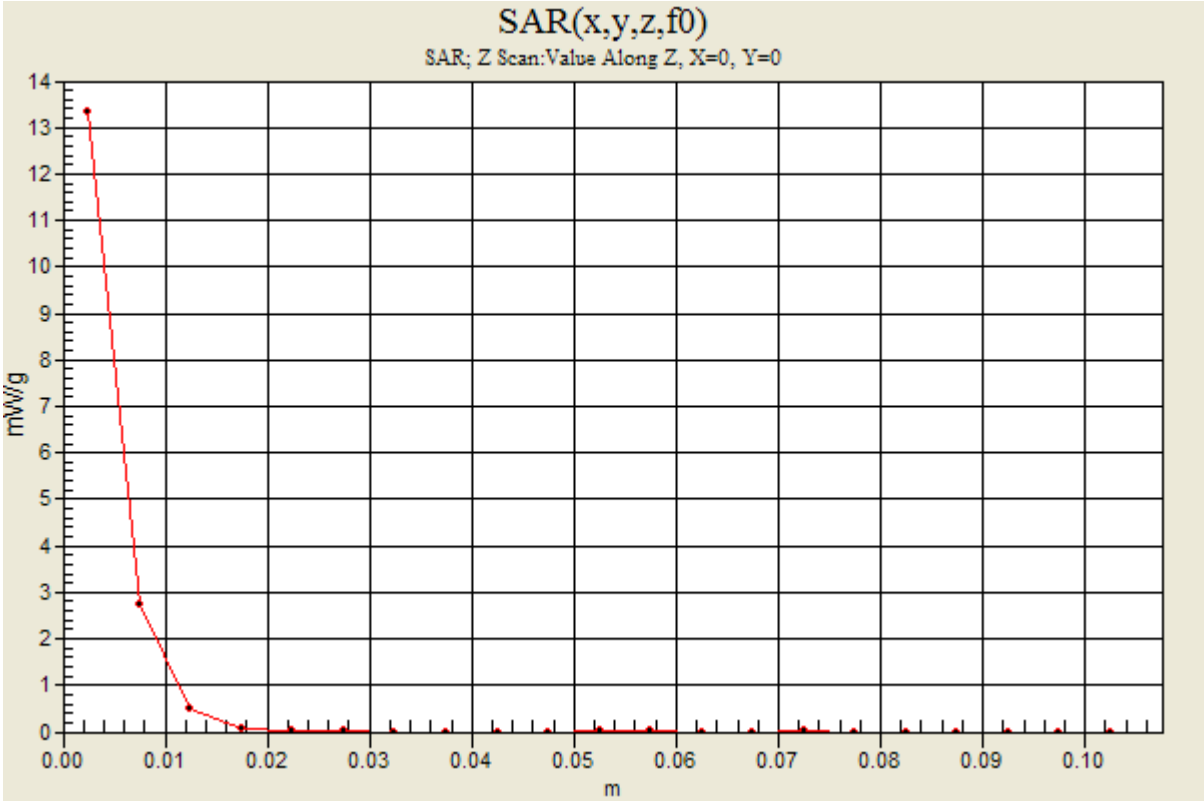
Date/Time: 11/16/2011 11:27:43 AM

Test Laboratory: UL CCS SAR Lab D

20111116_SystemPerformanceCheck-D5GHzV2 SN 1003

Communication System: System Check Signal - CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Body, 5800 MHz, Pin=100mW 2/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 13.3 mW/g



Date/Time: 11/17/2011 10:48:55 AM

Test Laboratory: UL CCS SAR Lab D

20111117_SystemPerformanceCheck-D5GHzV2 SN 1003

DUT: Dipole 5200-5800MHz; Type: D5GHzV2; Serial: 1003

Communication System: System Check Signal - CW; Frequency: 5200 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; σ = 5.39 mho/m; ε_r = 51.4; ρ = 1000 kg/m^3
Phantom section: Flat Section

Room Ambient Temperature: 25.0 deg. C; Liquid Temperature: 24.0 deg. C

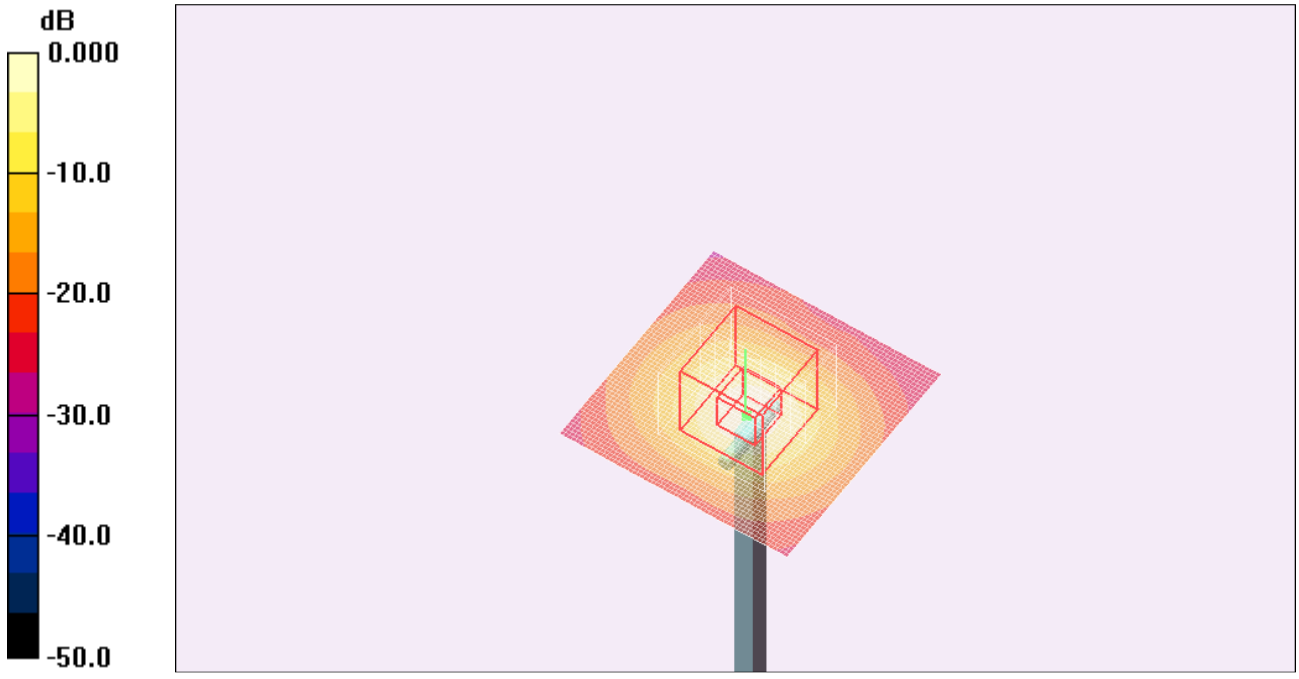
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(3.98, 3.98, 3.98); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1259; Calibrated: 5/3/2011
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BB; Serial: 1017
- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

Body, 5200 MHz, Pin=100mW 2/Area Scan (61x61x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 14.9 mW/g

Body, 5200 MHz, Pin=100mW 2/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 54.4 V/m; Power Drift = -0.050 dB
Peak SAR (extrapolated) = 27.0 W/kg
SAR(1 g) = 7.7 mW/g; SAR(10 g) = 2.18 mW/g
Maximum value of SAR (measured) = 14.3 mW/g



0 dB = 14.3mW/g

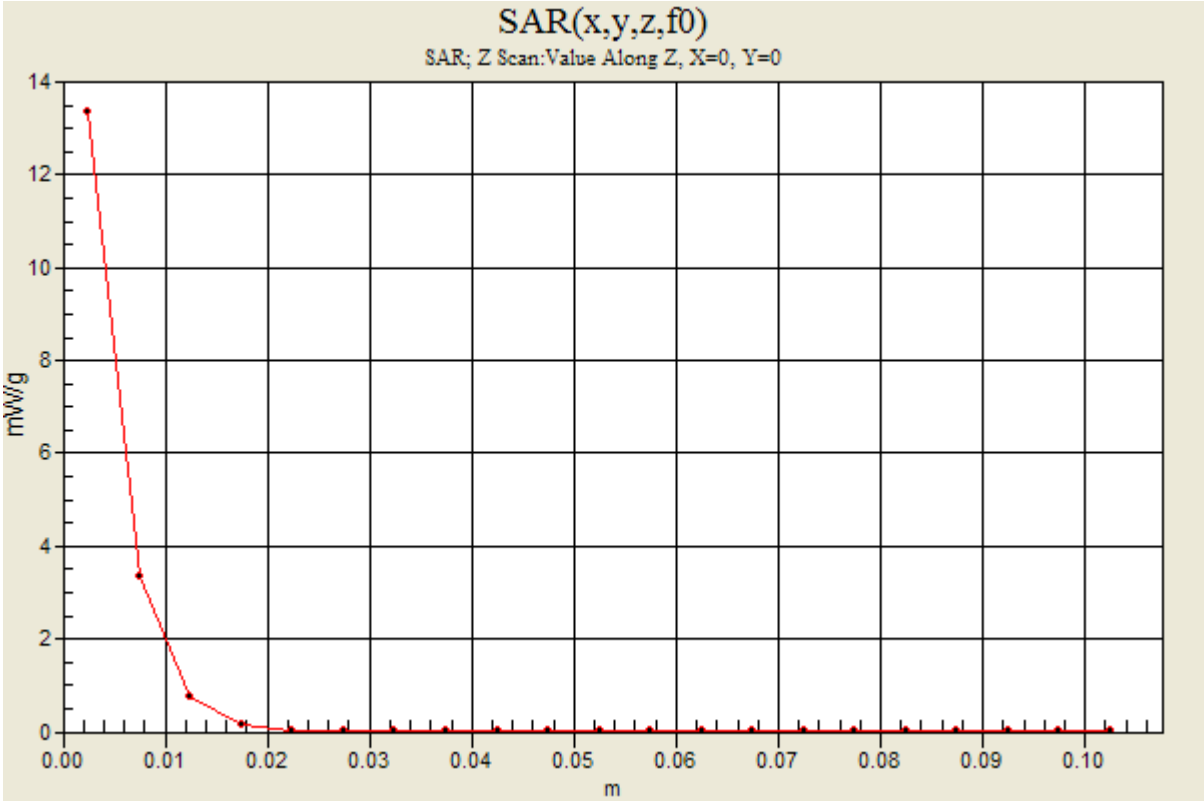
Date/Time: 11/17/2011 11:11:40 AM

Test Laboratory: UL CCS SAR Lab D

20111117_SystemPerformanceCheck-D5GHzV2 SN 1003

Communication System: System Check Signal - CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Body, 5200 MHz, Pin=100mW 2/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 13.4 mW/g



Date/Time: 11/18/2011 8:58:53 AM

Test Laboratory: UL CCS SAR Lab D

20111118_SystemPerformanceCheck - D2450V2 SN 706

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.88 mho/m; ε_r = 51.5; ρ = 1000 kg/m^3
Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

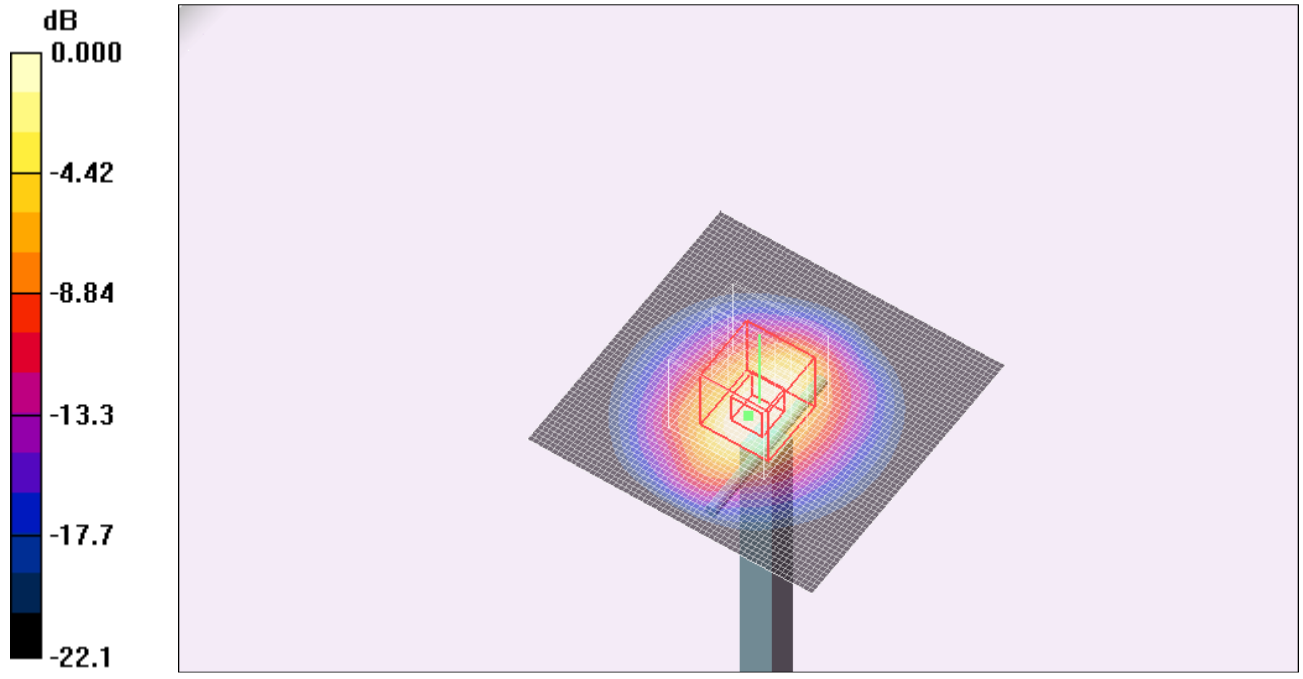
DASY4 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3686; ConvF(6.86, 6.86, 6.86); Calibrated: 1/24/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1259; Calibrated: 5/3/2011
- Phantom: Flat Phantom ELI4.0; Type: QDOVA001BB; Serial: 1017
- Measurement SW: DASY4, V4.7 Build 80; Post processing SW: SEMCAD, V1.8 Build 186

d=10mm, Pin=100mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 7.68 mW/g

d=10mm, Pin=100mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 64.4 V/m; Power Drift = 0.027 dB
Peak SAR (extrapolated) = 10.4 W/kg
SAR(1 g) = 5.1 mW/g; SAR(10 g) = 2.37 mW/g
Maximum value of SAR (measured) = 7.08 mW/g



0 dB = 7.08mW/g

Date/Time: 11/18/2011 9:15:51 AM

Test Laboratory: UL CCS SAR Lab D

20111118_SystemPerformanceCheck - D2450V2 SN 706

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

d=10mm, Pin=100mW/Z Scan (1x1x34): Measurement grid: dx=20mm, dy=20mm, dz=3mm

Maximum value of SAR (measured) = 7.11 mW/g