Test Laboratory: Lab A Date: 3/20/2013

20130320_SystemPerformanceCheck-D5GHzV2 SN 1003

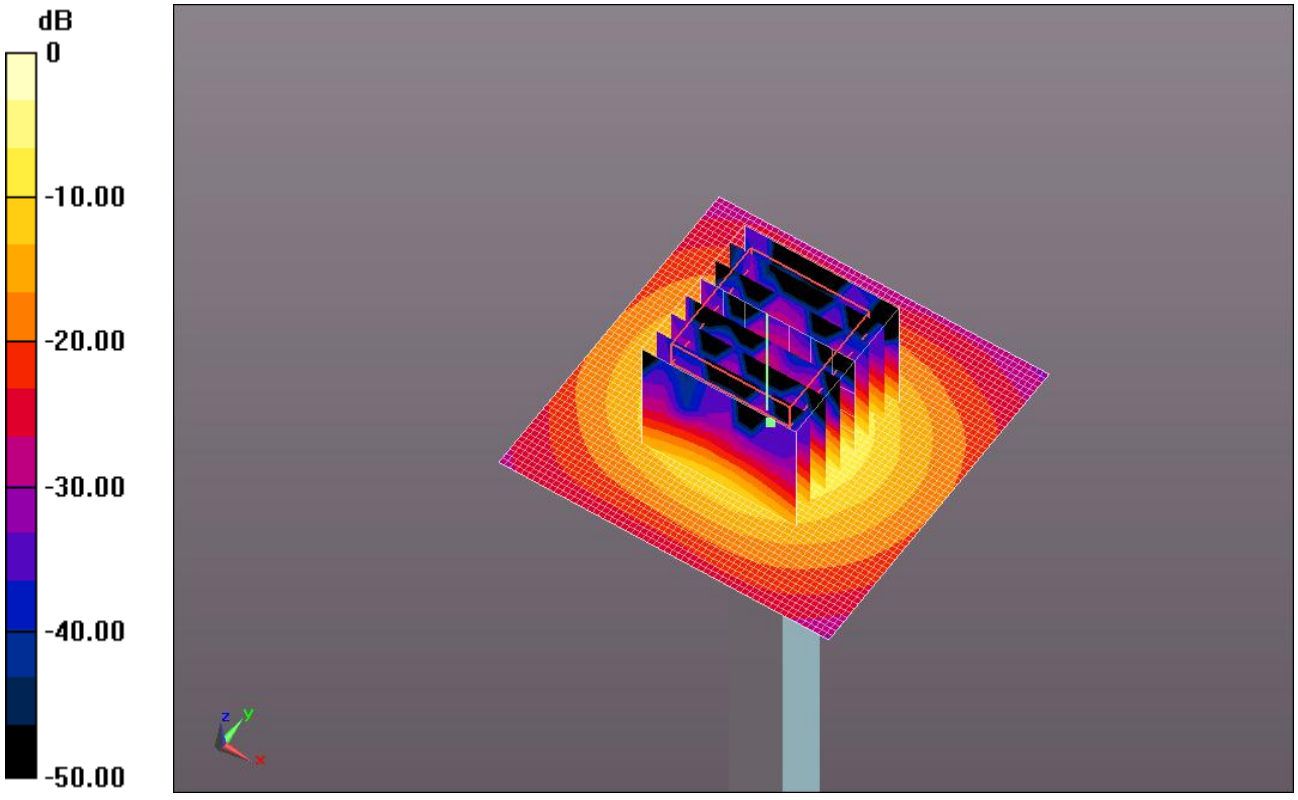
Frequency: 5800 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5800 MHz; σ = 6.238 mho/m; ε_r = 47.536; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1263; Calibrated: 1/14/2013
- Probe: EX3DV4 - SN3778; ConvF(3.86, 3.86, 3.86); Calibrated: 1/14/2013
- Sensor-Surface: 2mm (Mechanical Surface Detection), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Back ELI v5.0; Type: QDOVA002AA; Serial: 1134

Body/5.8 GHz, Pin=100mW/Area Scan (61x61x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 48.253 V/m; Power Drift = 0.04 dB
Fast SAR: SAR(1 g) = 6.73 mW/g; SAR(10 g) = 1.83 mW/g
Maximum value of SAR (interpolated) = 15.328 mW/g

Body/5.8 GHz, Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 48.253 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 30.9580
SAR(1 g) = 7.15 mW/g; SAR(10 g) = 2.01 mW/g
Maximum value of SAR (measured) = 17.087 mW/g



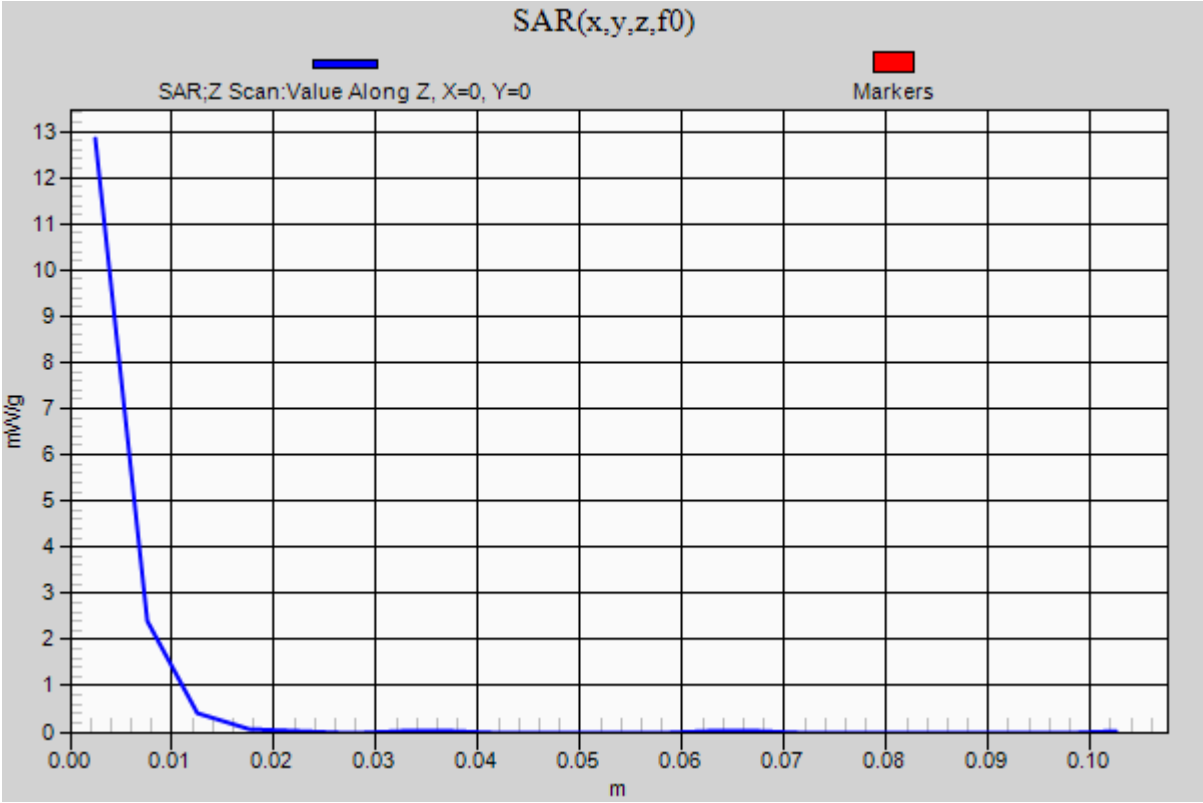
0 dB = 17.090mW/g = 24.65 dB mW/g

Test Laboratory: Lab A Date: 3/20/2013

20130320_SystemPerformanceCheck-D5GHzV2 SN 1003

Frequency: 5800 MHz; Duty Cycle: 1:1

Body/5.8 GHz, Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 12.839 mW/g



20130429_SystemPerformanceCheck-D2450V2 SN 826

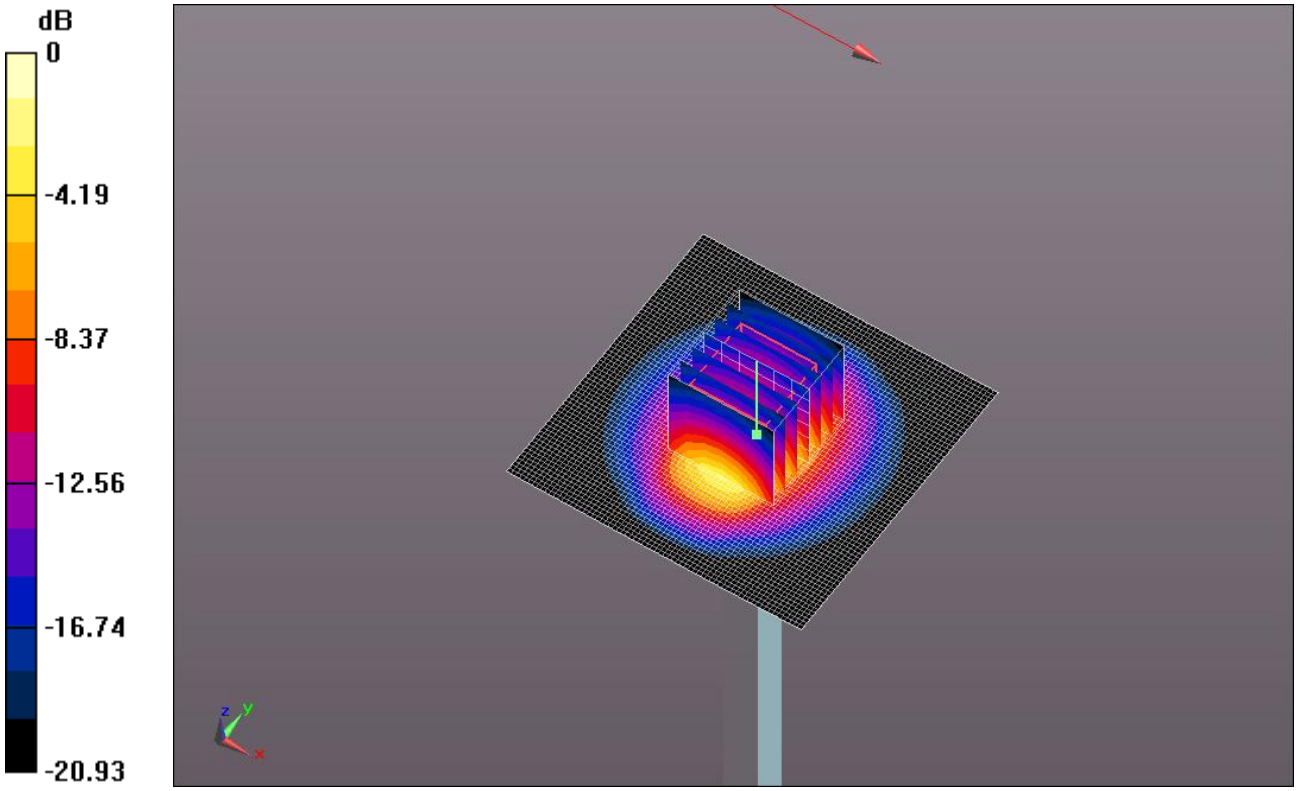
Frequency: 2450 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 2450 MHz; σ = 1.899 mho/m; ε_r = 50.513; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1263; Calibrated: 1/14/2013
- Probe: EX3DV4 - SN3778; ConvF(6.53, 6.53, 6.53); Calibrated: 1/14/2013
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: Back ELI v5.0; Type: QDOVA002AA; Serial: 1134

Body/Pin=100 mW/Area Scan (71x71x1): Measurement grid: dx=12mm, dy=12mm

Reference Value = 62.612 V/m; Power Drift = -0.11 dB
Fast SAR: SAR(1 g) = 5.09 mW/g; SAR(10 g) = 2.2 mW/g
Maximum value of SAR (interpolated) = 7.461 mW/g

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

Reference Value = 62.612 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 10.5160
SAR(1 g) = 5.17 mW/g; SAR(10 g) = 2.42 mW/g
Maximum value of SAR (measured) = 7.304 mW/g



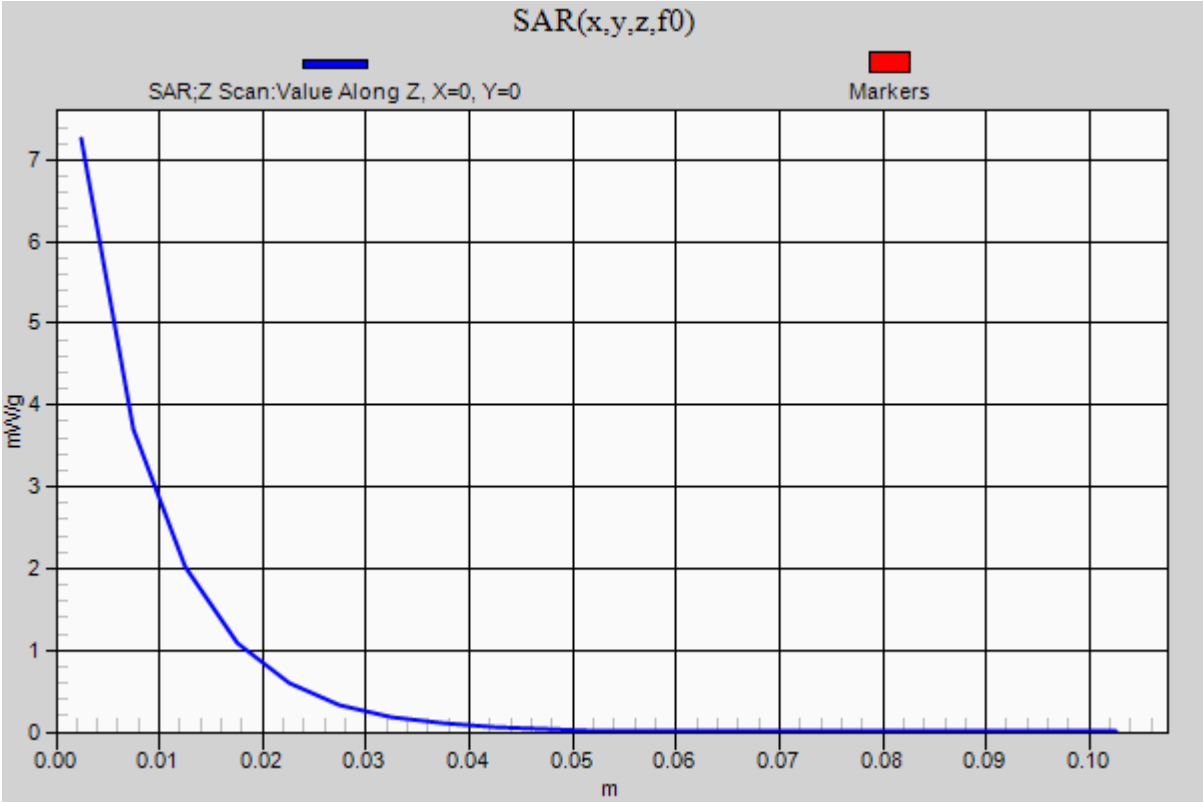
0 dB = 7.300mW/g = 17.27 dB mW/g

Test Laboratory: Lab A Date: 4/29/2013

20130429_SystemPerformanceCheck-D2450V2 SN 826

Frequency: 2450 MHz; Duty Cycle: 1:1

Body/Pin=100 mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 7.259 mW/g



Test Laboratory: Lab B Date: 4/19/2013

20130419_SystemPerformanceCheck-D5GHzV2 SN 1003

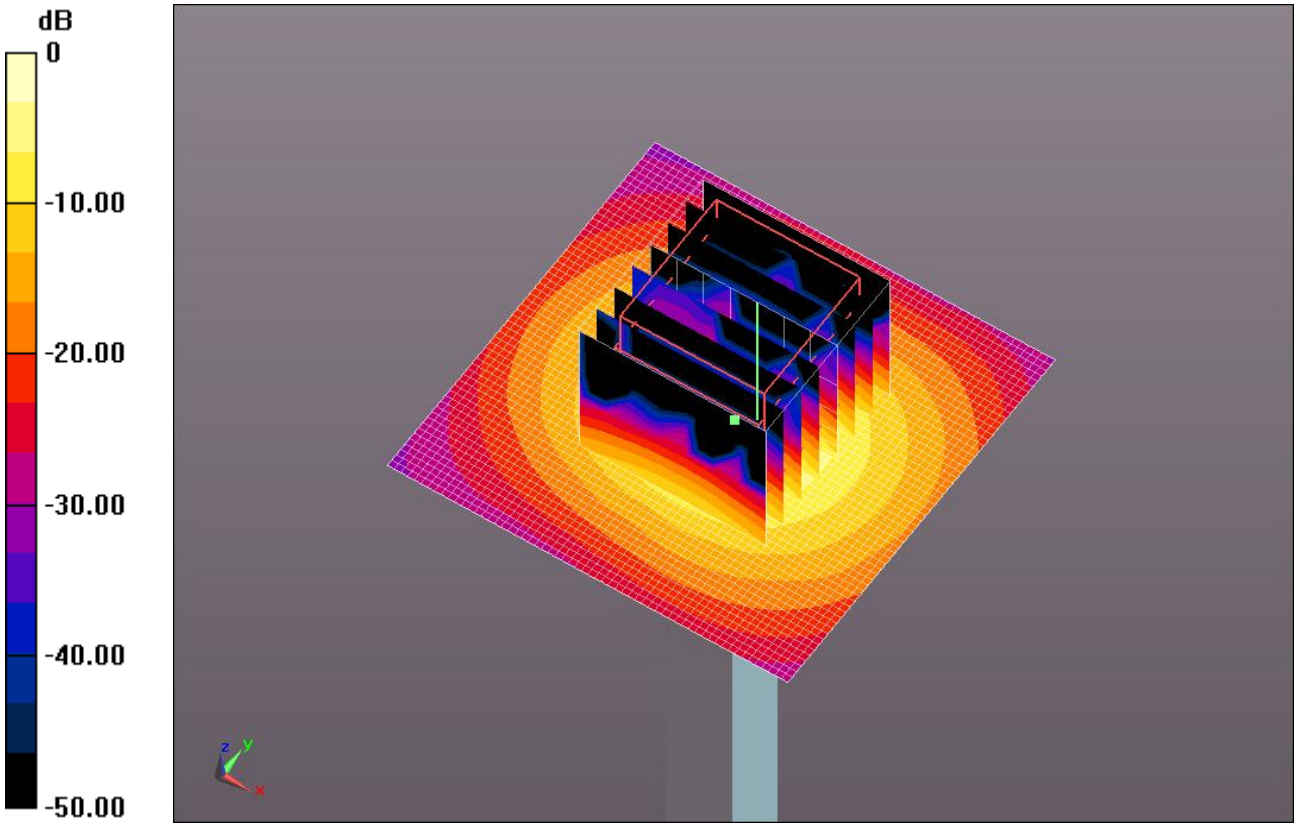
Frequency: 5800 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 5800 MHz; σ = 5.825 mho/m; ε_r = 46.245; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Averaged Fast SAR: Polynomial fit
- Electronics: DAE4 Sn1264; Calibrated: 3/5/2012
- Probe: EX3DV4 - SN3720; ConvF(3.73, 3.73, 3.73); Calibrated: 1/14/2013
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: Back ELI v5.0; Type: QDOVA002AA; Serial: 1137

Body/5.8 GHz, Pin=100mW/Area Scan (61x61x1): Measurement grid: dx=10mm, dy=10mm

Reference Value = 50.467 V/m; Power Drift = -0.18 dB
Fast SAR: SAR(1 g) = 7.2 mW/g; SAR(10 g) = 2.03 mW/g
Maximum value of SAR (interpolated) = 16.104 mW/g

Body/5.8 GHz, Pin=100mW/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 50.467 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 30.5430
SAR(1 g) = 7.15 mW/g; SAR(10 g) = 2.01 mW/g
Maximum value of SAR (measured) = 17.175 mW/g



0 dB = 17.180mW/g = 24.70 dB mW/g

Test Laboratory: Lab B Date: 4/19/2013

20130419_SystemPerformanceCheck-D5GHzV2 SN 1003

Frequency: 5800 MHz; Duty Cycle: 1:1

Body/5.8 GHz, Pin=100mW/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 12.558 mW/g