Test Laboratory: Lab C Date: 9/19/2012

GPRS850

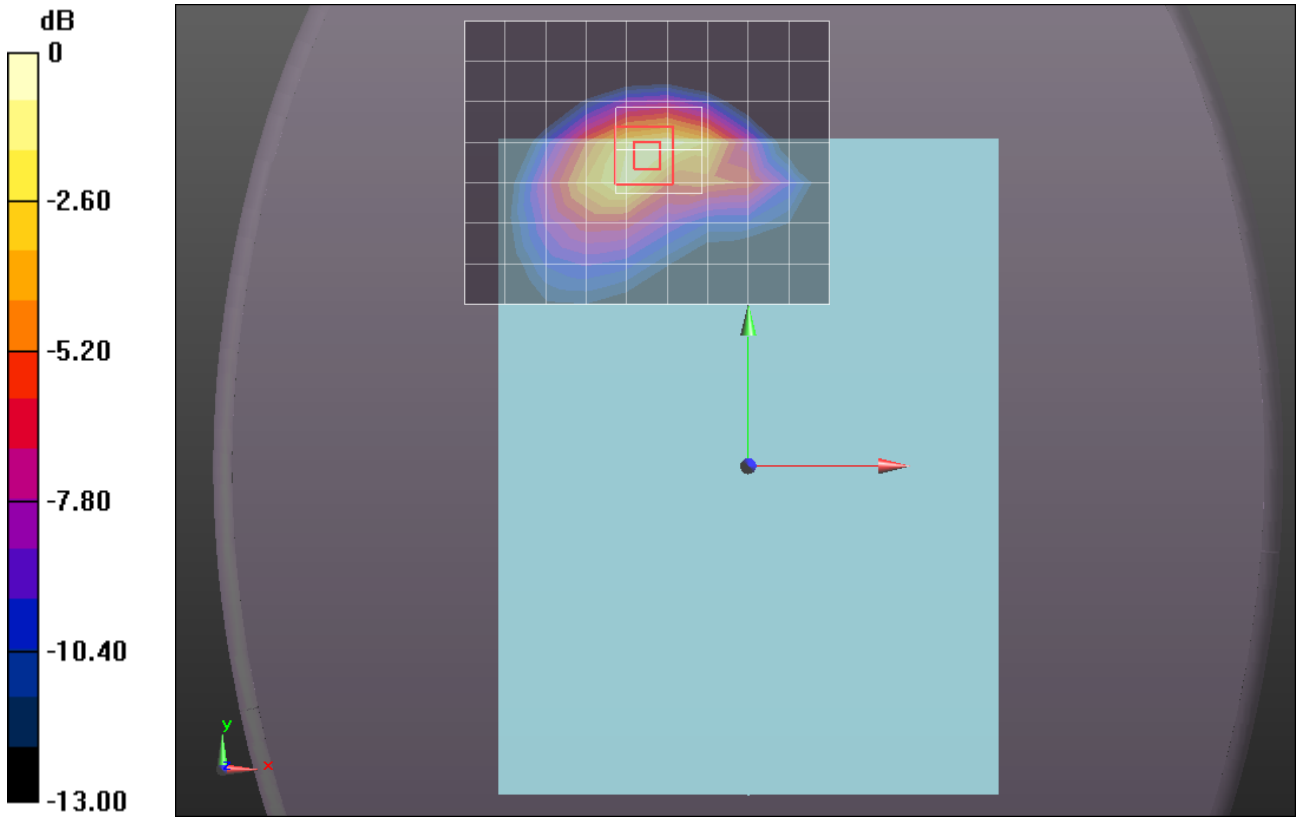
Frequency: 824.4 MHz; Duty Cycle: 1:4; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 825 MHz; σ = 0.998 mho/m; ε_r = 53.059; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1261; Calibrated: 3/9/2012
- Probe: EX3DV4 - SN3757; ConvF(9, 9, 9); Calibrated: 3/24/2012
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Back ELI v5.0; Type: QDOVA002AA; Serial: 1136

Rear/GPRS 2 Slots_ch 128/Area Scan (10x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.295 mW/g

Rear/GPRS 2 Slots_ch 128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 40.977 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 2.1300
SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.613 mW/g
Maximum value of SAR (measured) = 1.593 mW/g



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

Test Laboratory: Lab C Date: 9/19/2012

GPRS850

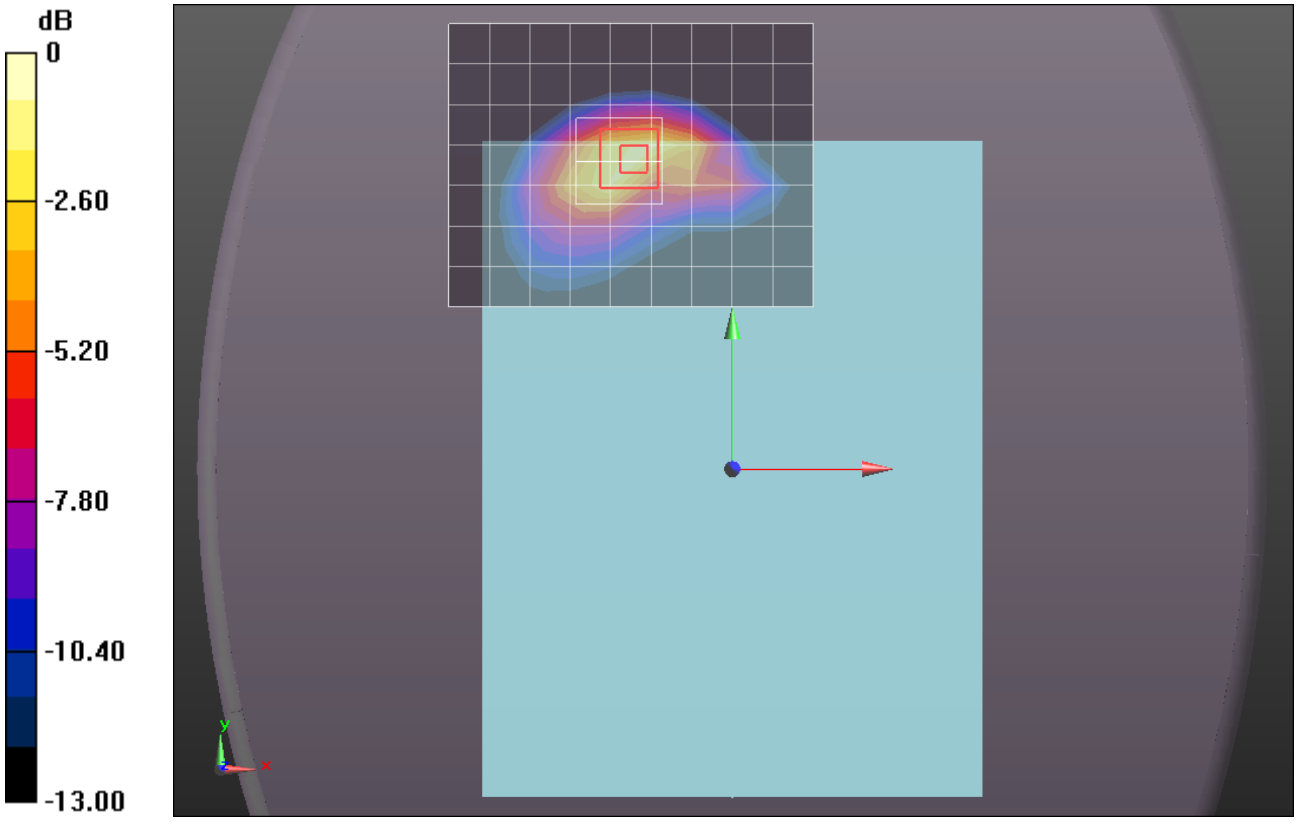
Frequency: 836.6 MHz; Duty Cycle: 1:4; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.009 mho/m; ε_r = 52.929; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1261; Calibrated: 3/9/2012
- Probe: EX3DV4 - SN3757; ConvF(9, 9, 9); Calibrated: 3/24/2012
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Back ELI v5.0; Type: QDOVA002AA; Serial: 1136

Rear/GPRS 2 Slots_ch 190/Area Scan (10x8x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.328 mW/g

Rear/GPRS 2 Slots_ch 190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 40.529 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 2.2540
SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.616 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.768 mW/g



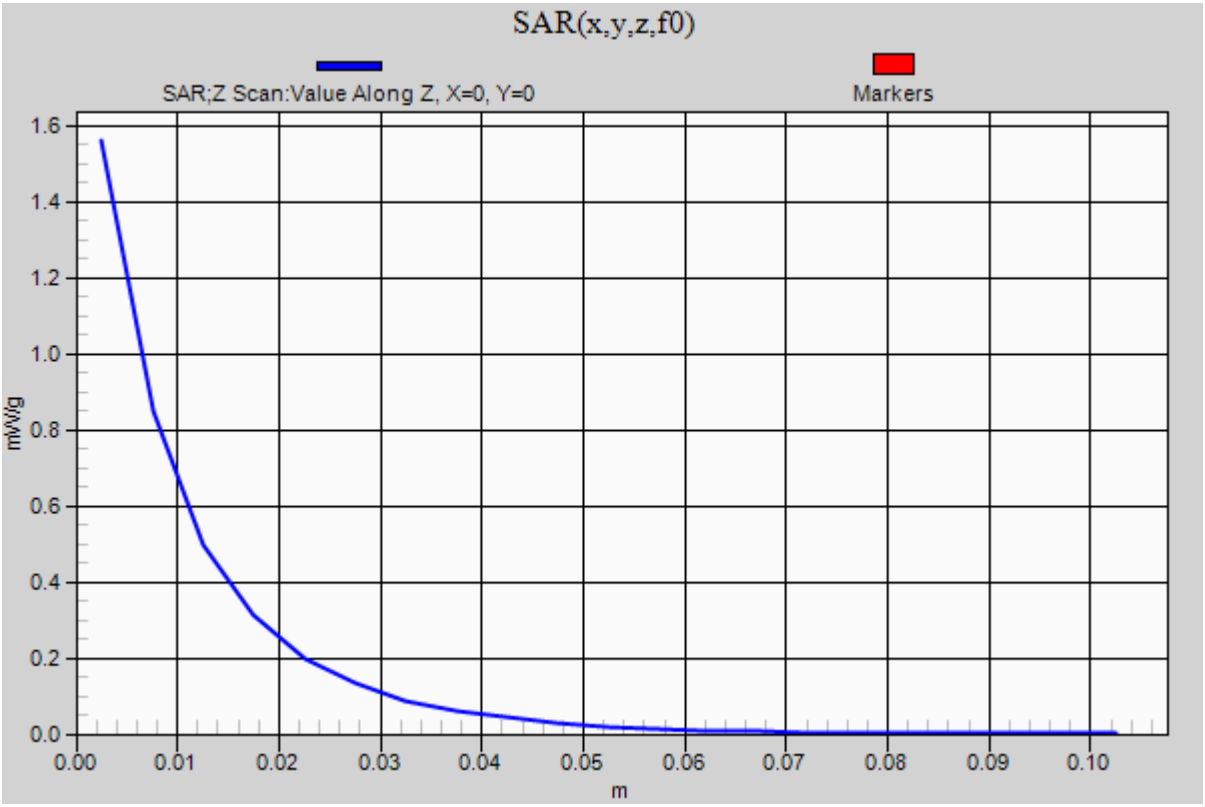
0 dB = 1.770mW/g = 4.96 dB mW/g

Test Laboratory: Lab C Date: 9/19/2012

GPRS850

Frequency: 836.6 MHz; Duty Cycle: 1:4.00037

Rear/GPRS 2 Slots_ch 190/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.559 mW/g



Test Laboratory: Lab C Date: 9/19/2012

GPRS850

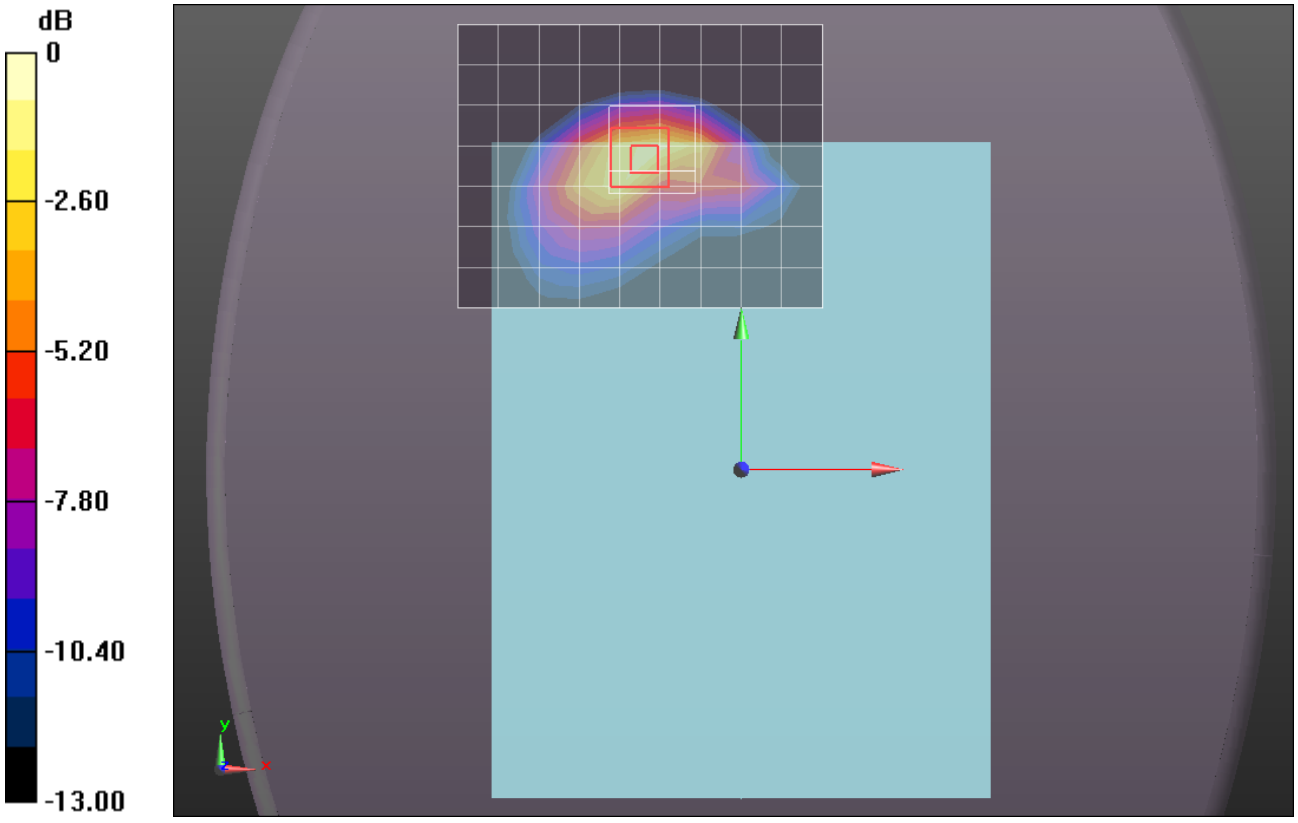
Frequency: 848.8 MHz; Duty Cycle: 1:4; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 848.8 MHz; σ = 1.021 mho/m; ε_r = 52.804; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1261; Calibrated: 3/9/2012
- Probe: EX3DV4 - SN3757; ConvF(9, 9, 9); Calibrated: 3/24/2012
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Back ELI v5.0; Type: QDOVA002AA; Serial: 1136

Rear/GPRS 2 Slots_ch 251/Area Scan (10x8x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.153 mW/g

Rear/GPRS 2 Slots_ch 251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.590 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 2.2440
SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.588 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.521 mW/g



0 dB = 1.520mW/g = 3.64 dB mW/g

Test Laboratory: Lab C Date: 9/19/2012

GPRS850

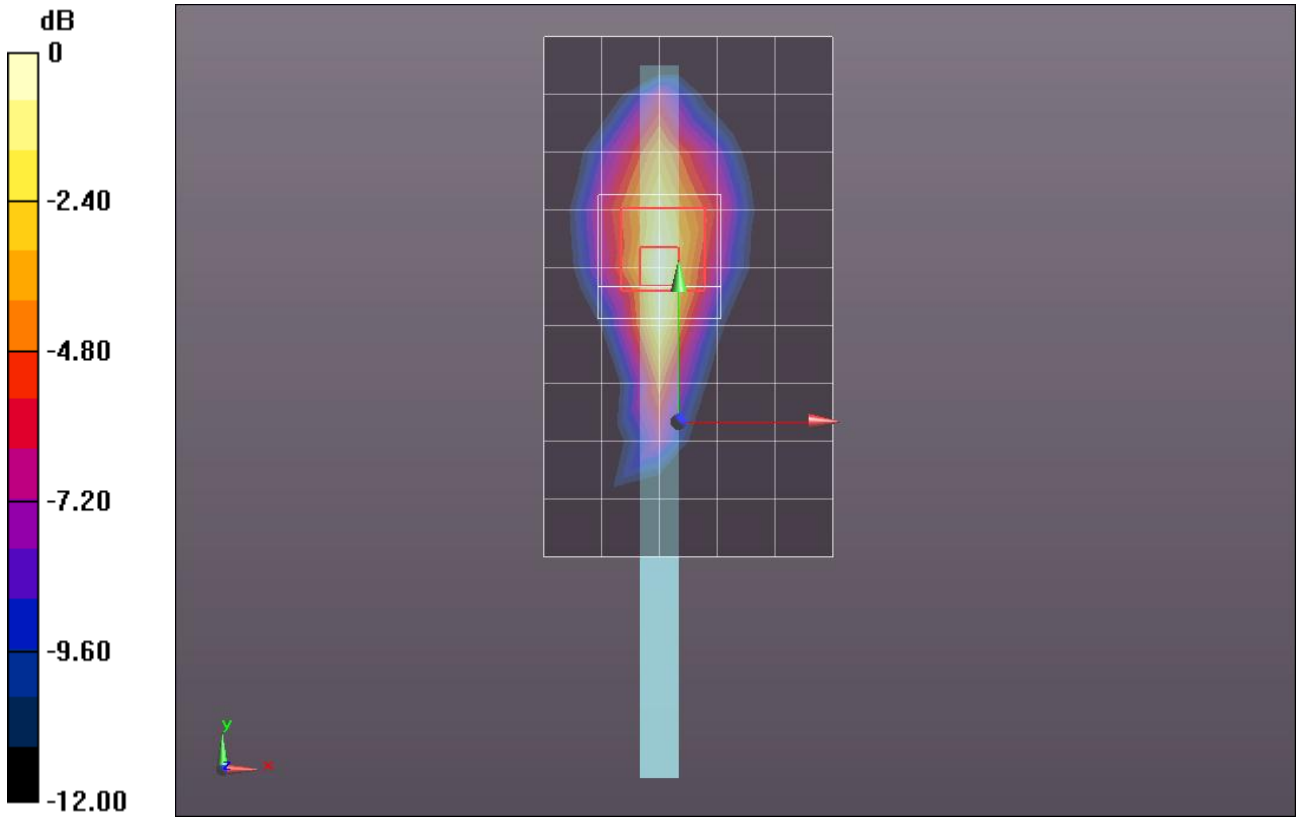
Frequency: 836.6 MHz; Duty Cycle: 1:4; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.009 mho/m; ε_r = 52.929; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1261; Calibrated: 3/9/2012
- Probe: EX3DV4 - SN3757; ConvF(9, 9, 9); Calibrated: 3/24/2012
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Back ELI v5.0; Type: QDOVA002AA; Serial: 1136

Edge 1/GPRS 2 Slots_ch 190/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.149 mW/g

Edge 1/GPRS 2 Slots_ch 190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.672 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.4930
SAR(1 g) = 0.758 mW/g; SAR(10 g) = 0.411 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.136 mW/g



0 dB = 1.140mW/g = 1.14 dB mW/g

Test Laboratory: Lab C Date: 9/19/2012

GPRS850

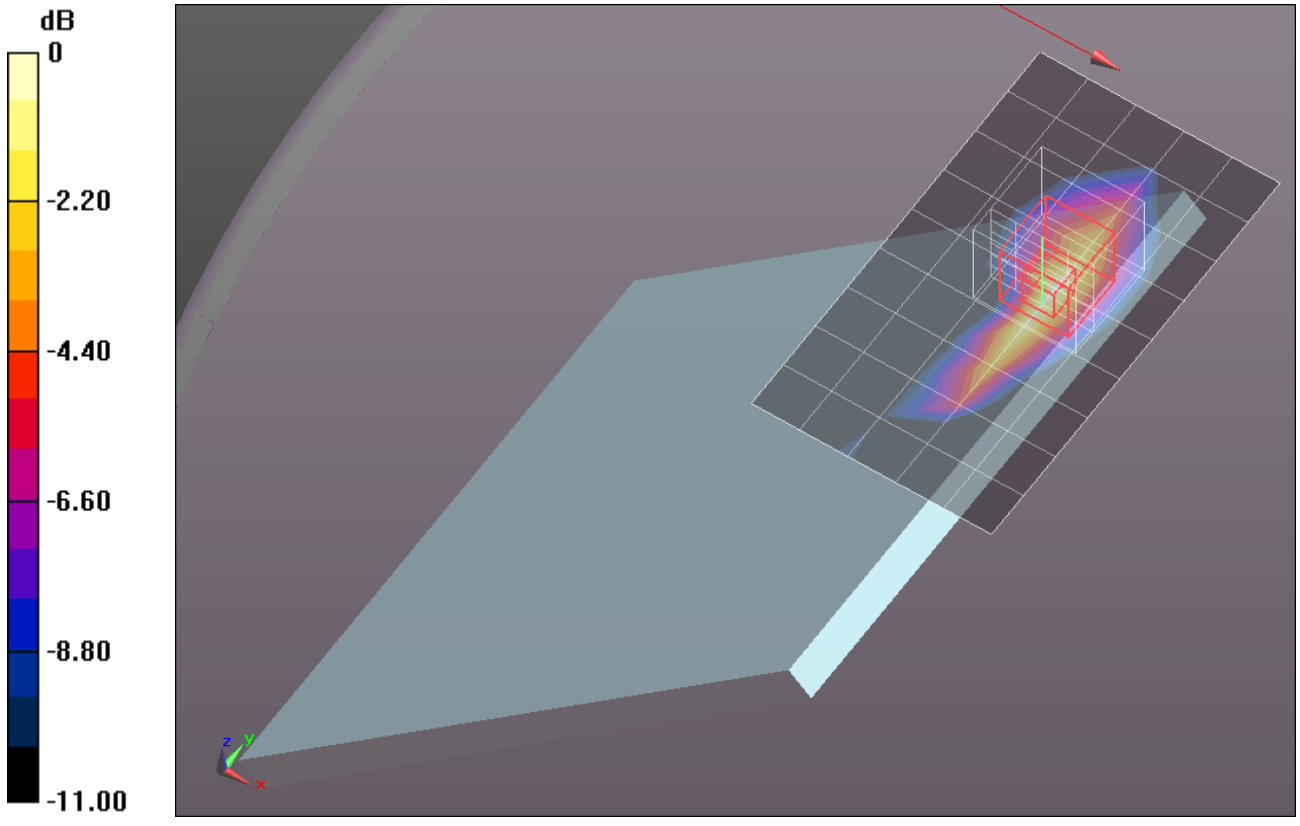
Frequency: 824.4 MHz; Duty Cycle: 1:4; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 825 MHz; σ = 0.998 mho/m; ε_r = 53.059; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1261; Calibrated: 3/9/2012
- Probe: EX3DV4 - SN3757; ConvF(9, 9, 9); Calibrated: 3/24/2012
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Back ELI v5.0; Type: QDOVA002AA; Serial: 1136

41 deg Tilt @ Edge 1/GPRS 2 Slots_ch 128/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.670 mW/g

41 deg Tilt @ Edge 1/GPRS 2 Slots_ch 128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 39.854 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 2.2900
SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.575 mW/g
Maximum value of SAR (measured) = 1.719 mW/g



0 dB = 1.720mW/g = 4.71 dB mW/g

Test Laboratory: Lab C Date: 9/19/2012

GPRS850

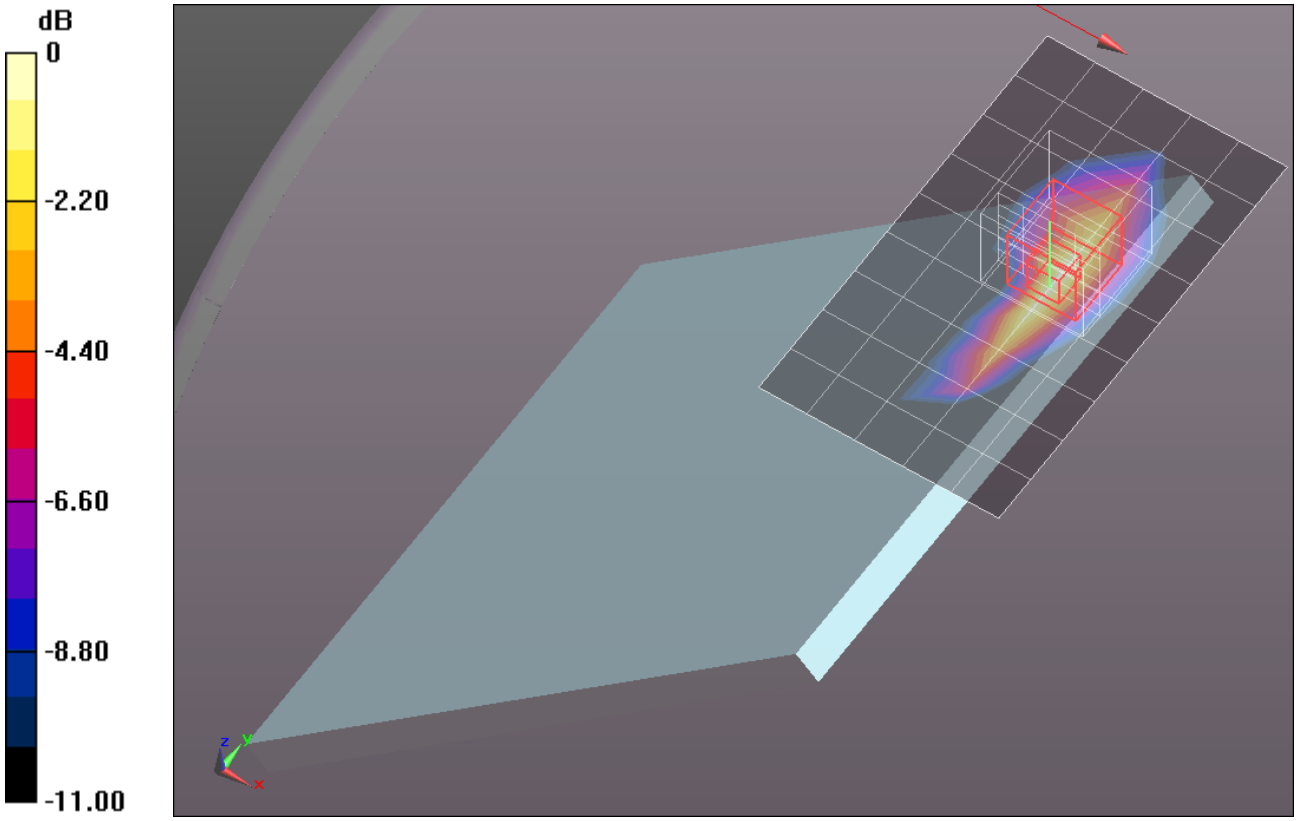
Frequency: 836.6 MHz; Duty Cycle: 1:4; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.009 mho/m; ε_r = 52.929; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1261; Calibrated: 3/9/2012
- Probe: EX3DV4 - SN3757; ConvF(9, 9, 9); Calibrated: 3/24/2012
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Back ELI v5.0; Type: QDOVA002AA; Serial: 1136

41 deg Tilt @ Edge 1/GPRS 2 Slots_ch 190/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.625 mW/g

41 deg Tilt @ Edge 1/GPRS 2 Slots_ch 190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 38.591 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 2.1840
SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.564 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.648 mW/g



0 dB = 1.650mW/g = 4.35 dB mW/g

Test Laboratory: Lab C Date: 9/19/2012

GPRS850

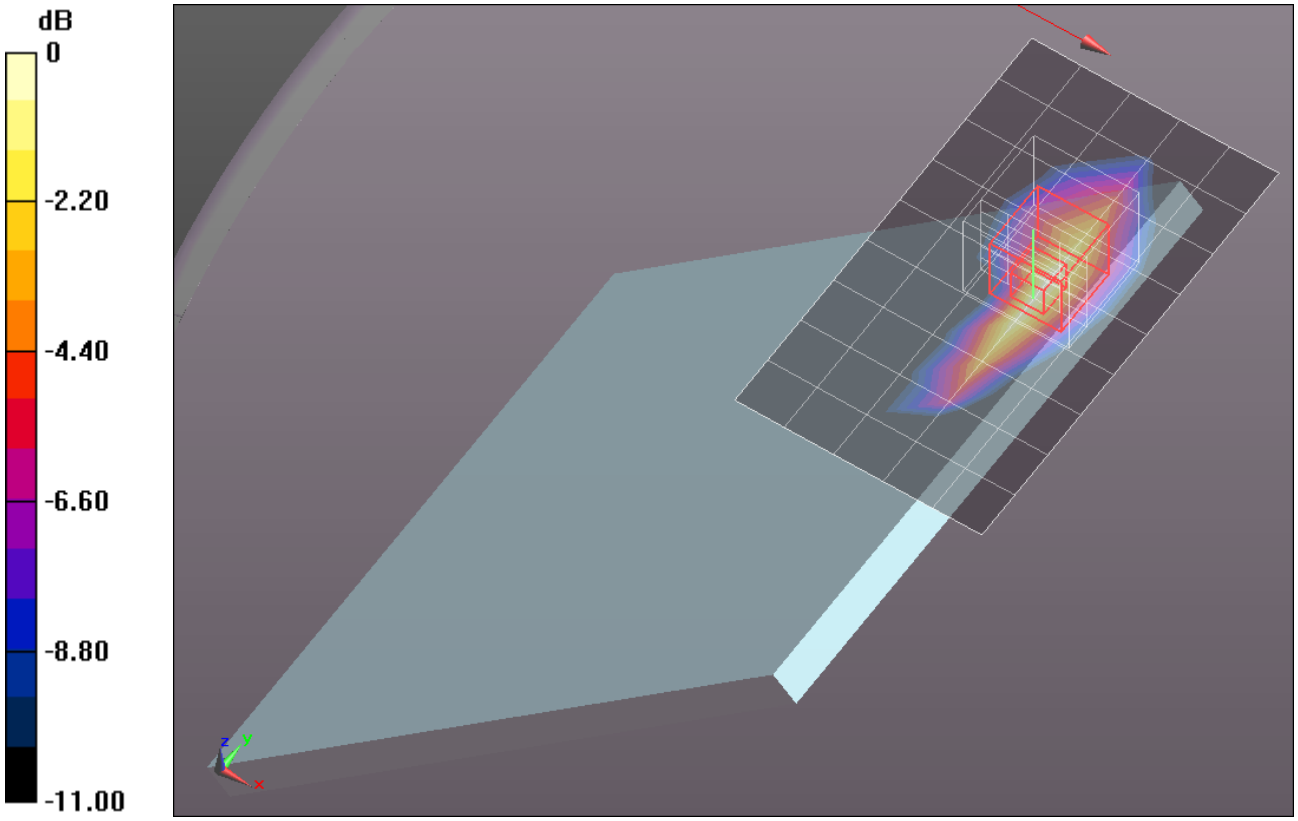
Frequency: 848.8 MHz; Duty Cycle: 1:4; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 848.8 MHz; σ = 1.021 mho/m; ε_r = 52.804; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1261; Calibrated: 3/9/2012
- Probe: EX3DV4 - SN3757; ConvF(9, 9, 9); Calibrated: 3/24/2012
- Sensor-Surface: 2mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Back ELI v5.0; Type: QDOVA002AA; Serial: 1136

41 deg Tilt @ Edge 1/GPRS 2 Slots_ch 251/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.591 mW/g

41 deg Tilt @ Edge 1/GPRS 2 Slots_ch 251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 37.906 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 2.1190
SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.548 mW/g
Info: Interpolated medium parameters used for SAR evaluation.



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

Test Laboratory: Lab C Date: 9/19/2012

GPRS850

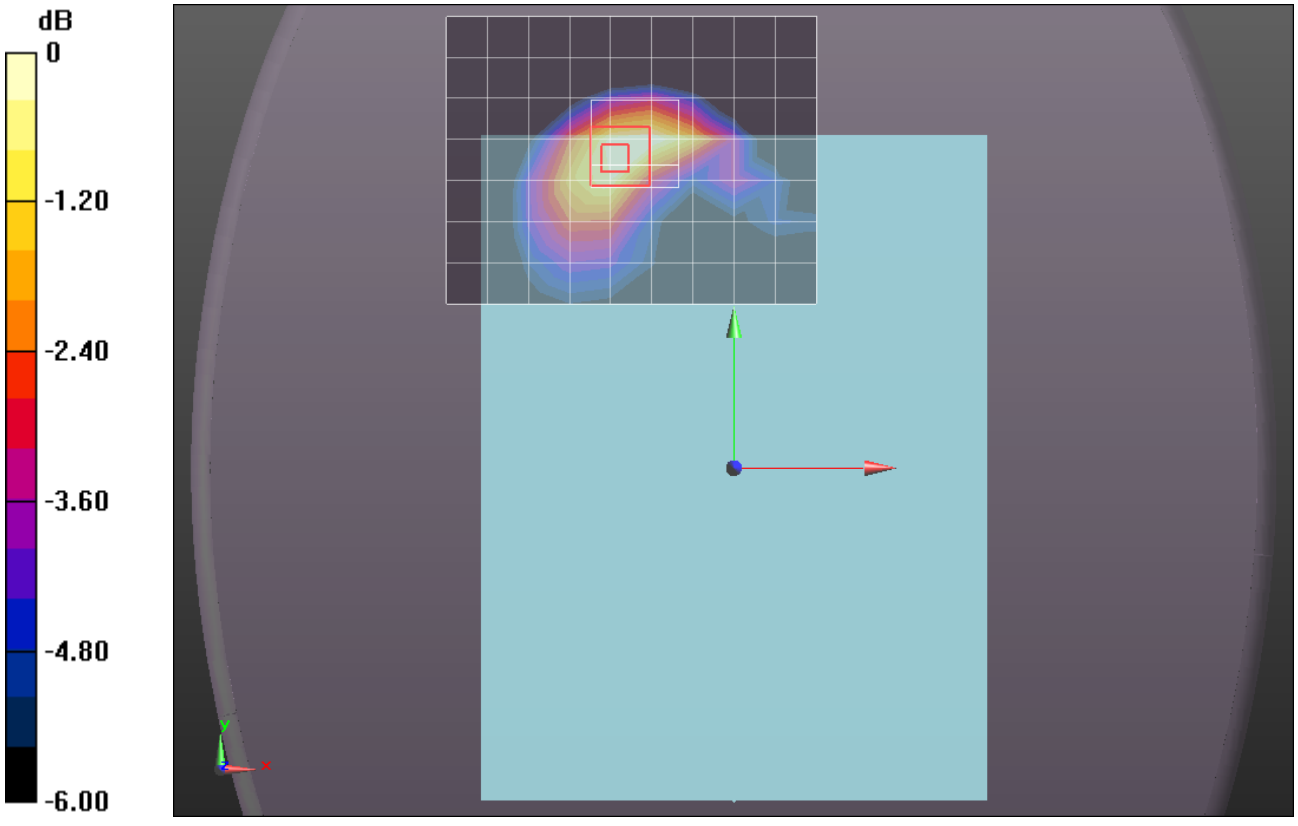
Frequency: 836.6 MHz; Duty Cycle: 1:4; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.009 mho/m; ε_r = 52.929; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1261; Calibrated: 3/9/2012
- Probe: EX3DV4 - SN3757; ConvF(9, 9, 9); Calibrated: 3/24/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Back ELI v5.0; Type: QDOVA002AA; Serial: 1136

Rear with 12mm/GPRS 2 Slots_ch 190/Area Scan (10x8x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.948 mW/g

Rear with 12mm/GPRS 2 Slots_ch 190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.304 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.0920
SAR(1 g) = 0.728 mW/g; SAR(10 g) = 0.464 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.916 mW/g



0 dB = 0.920mW/g = -0.72 dB mW/g

Test Laboratory: Lab C Date: 9/19/2012

GPRS850

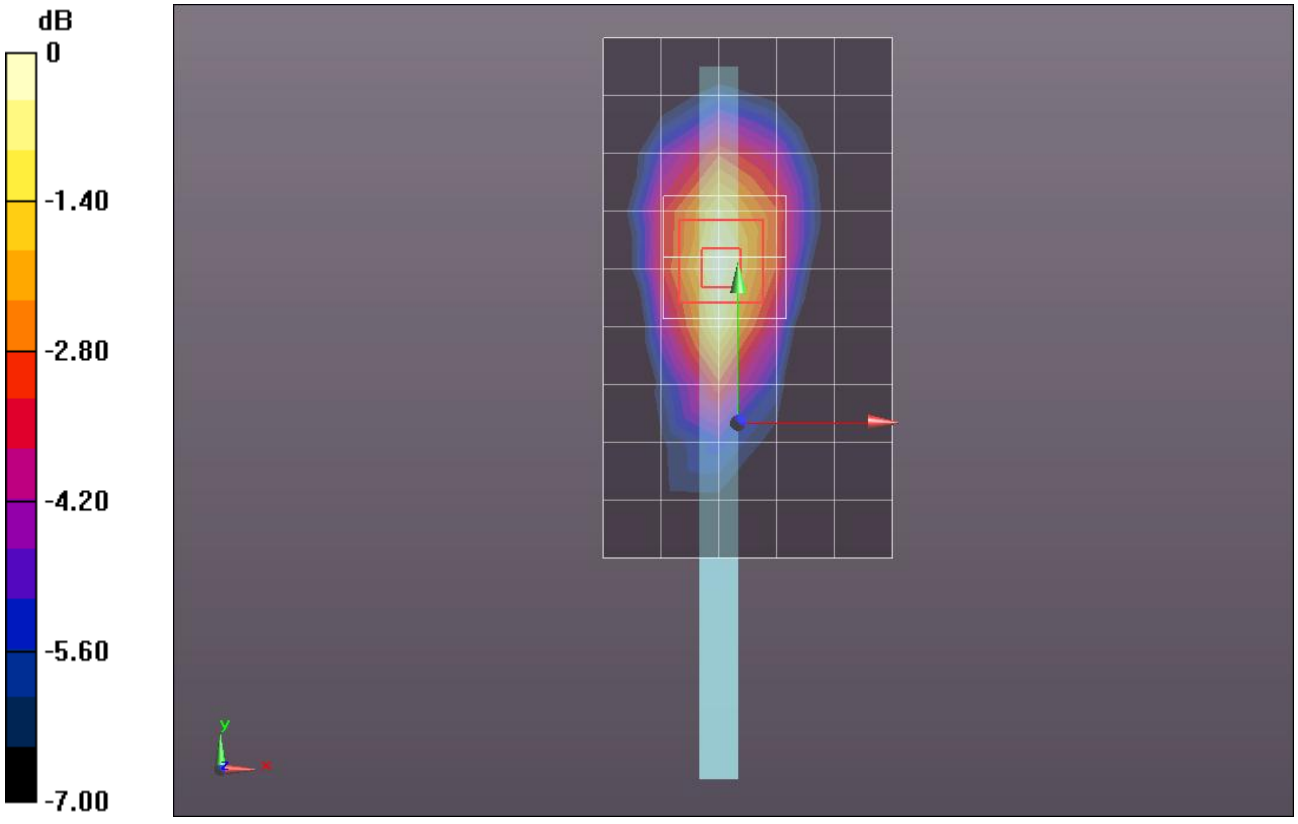
Frequency: 836.6 MHz; Duty Cycle: 1:4; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.009 mho/m; ε_r = 52.929; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1261; Calibrated: 3/9/2012
- Probe: EX3DV4 - SN3757; ConvF(9, 9, 9); Calibrated: 3/24/2012
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Back ELI v5.0; Type: QDOVA002AA; Serial: 1136

Edge 1 with 14mm/GPRS 2 Slots_ch 190/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.616 mW/g

Edge 1 with 14mm/GPRS 2 Slots_ch 190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.534 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.7290
SAR(1 g) = 0.492 mW/g; SAR(10 g) = 0.319 mW/g
Info: Interpolated medium parameters used for SAR evaluation.



0 dB = 0.620mW/g = -4.15 dB mW/g

Test Laboratory: Lab C Date: 9/19/2012

GPRS850

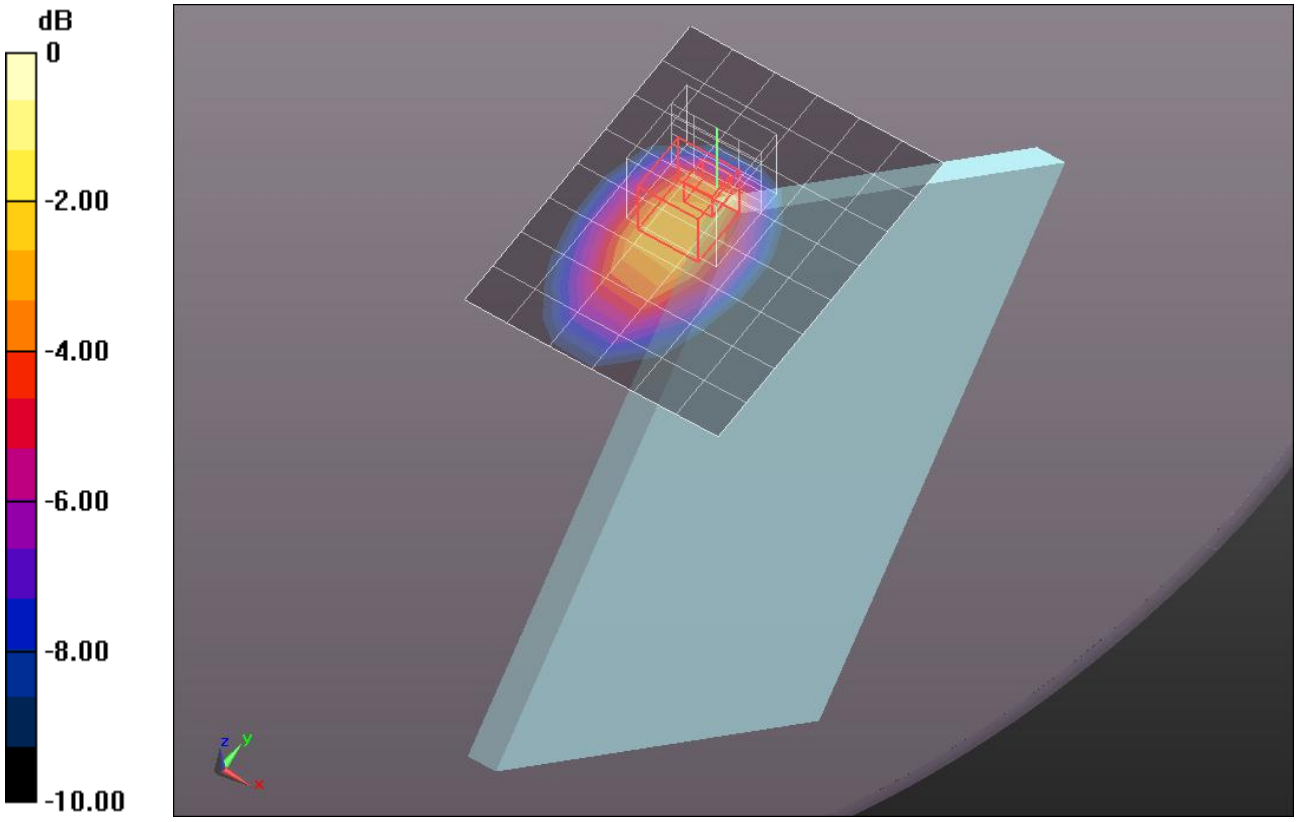
Frequency: 836.6 MHz; Duty Cycle: 1:4; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.009 mho/m; ε_r = 52.929; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1261; Calibrated: 3/9/2012
- Probe: EX3DV4 - SN3757; ConvF(9, 9, 9); Calibrated: 3/24/2012
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Back ELI v5.0; Type: QDOVA002AA; Serial: 1136

27 deg Right Tilt @ Edge 1/GPRS 2 slots_ch 190/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.447 mW/g

27 deg Right Tilt @ Edge 1/GPRS 2 slots_ch 190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.108 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.9530
SAR(1 g) = 0.417 mW/g; SAR(10 g) = 0.270 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.724 mW/g



0 dB = 0.720mW/g = -2.85 dB mW/g

Test Laboratory: Lab C Date: 9/19/2012

GPRS850

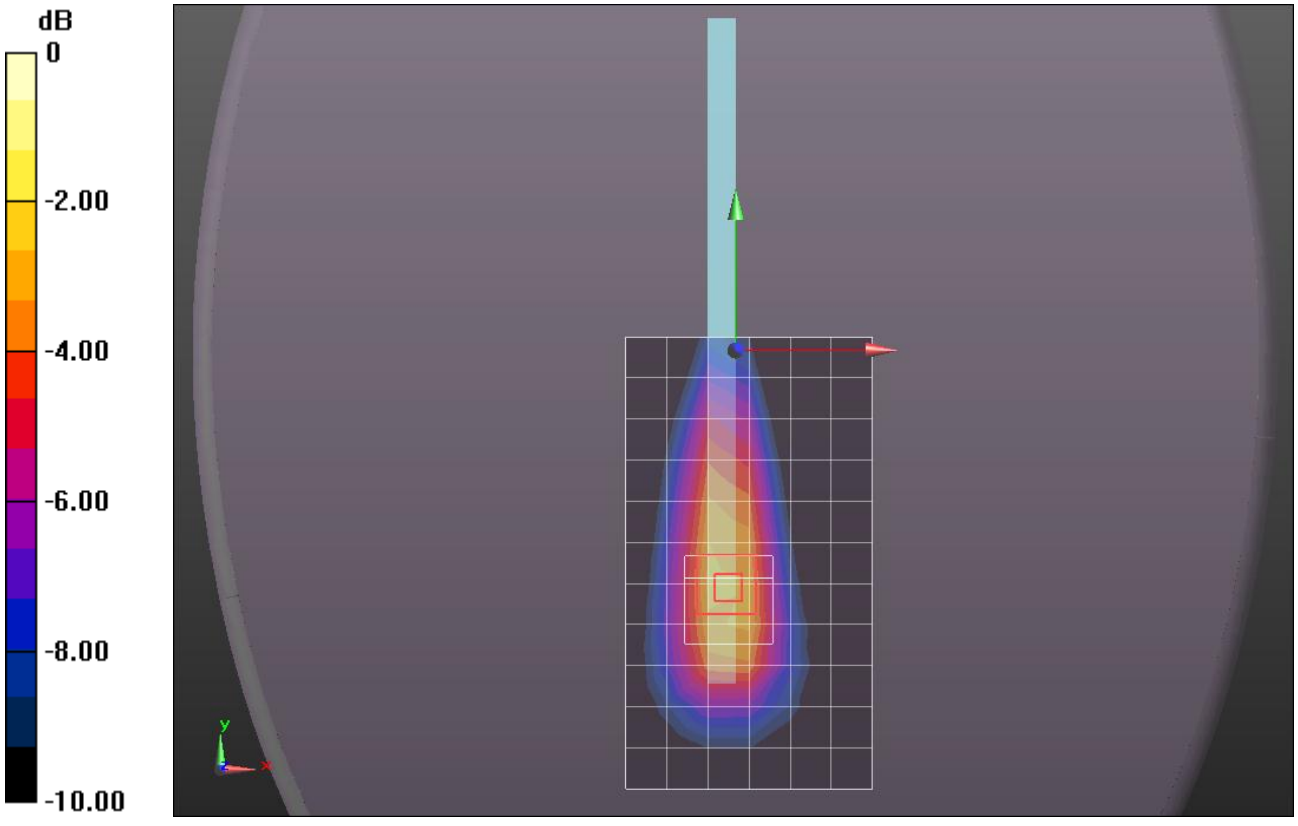
Frequency: 836.6 MHz; Duty Cycle: 1:4; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.009 mho/m; ε_r = 52.929; ρ = 1000 kg/m^3
DASY5 Configuration:
- Electronics: DAE4 Sn1261; Calibrated: 3/9/2012
- Probe: EX3DV4 - SN3757; ConvF(9, 9, 9); Calibrated: 3/24/2012
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Phantom: Back ELI v5.0; Type: QDOVA002AA; Serial: 1136

Edge 2/GPRS 2 slots_ch 190/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.329 mW/g

Edge 2/GPRS 2 slots_ch 190/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.055 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.7670
SAR(1 g) = 0.371 mW/g; SAR(10 g) = 0.209 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.579 mW/g



0 dB = 0.580mW/g = -4.73 dB mW/g