GSM1900

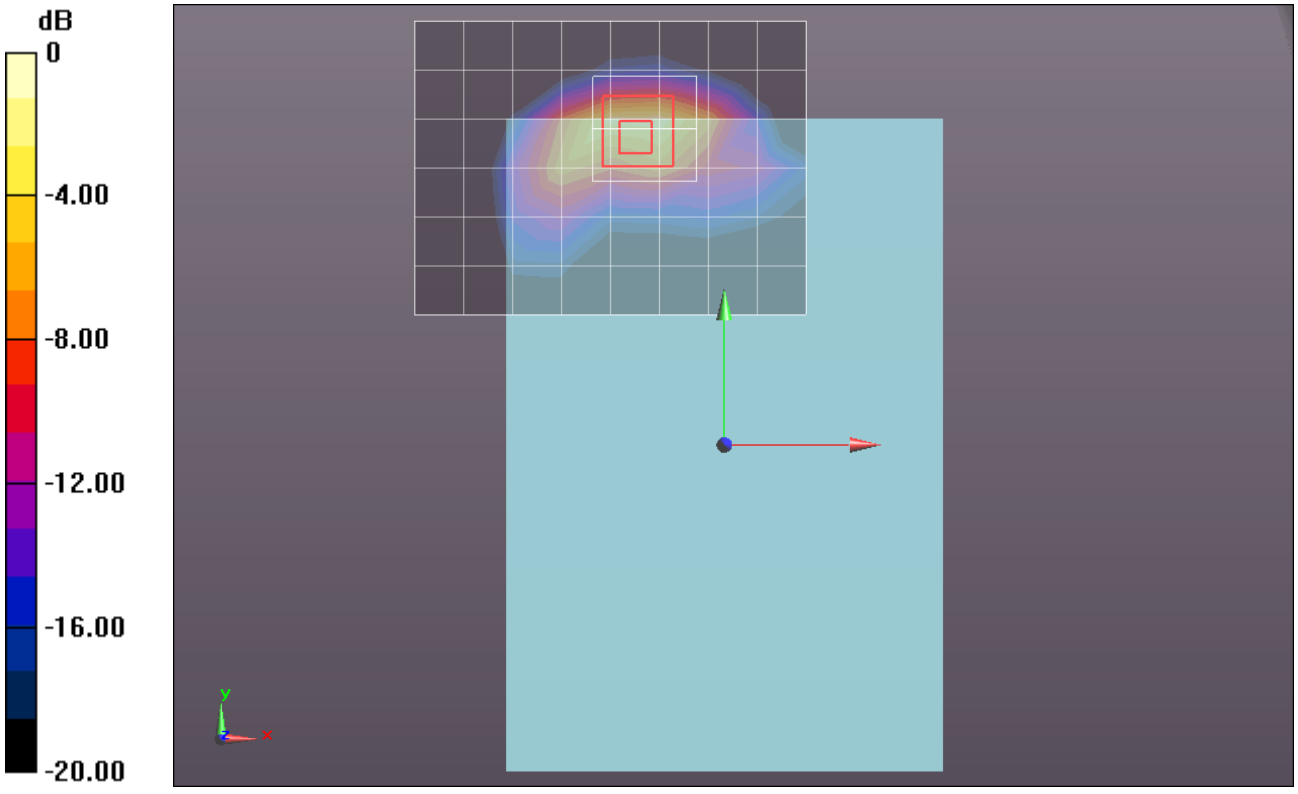
Frequency: 1850.2 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.448 mho/m; ε_r = 51.039; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Probe: EX3DV4 - SN3773; ConvF(7.11, 7.11, 7.11); Calibrated: 3/14/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1121

Rear/GPRS 2 slots Ch 512 w/ Pwr back-off (0 mm)/Area Scan (9x7x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.832 mW/g

Rear/GPRS 2 slots Ch 512 w/ Pwr back-off (0 mm)/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.623 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 2.0010
SAR(1 g) = 0.975 mW/g; SAR(10 g) = 0.437 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.207 mW/g



0 dB = 1.210mW/g = 1.66 dB mW/g

Test Laboratory: UL CCS SAR Lab C Date: 9/18/2012

GSM1900

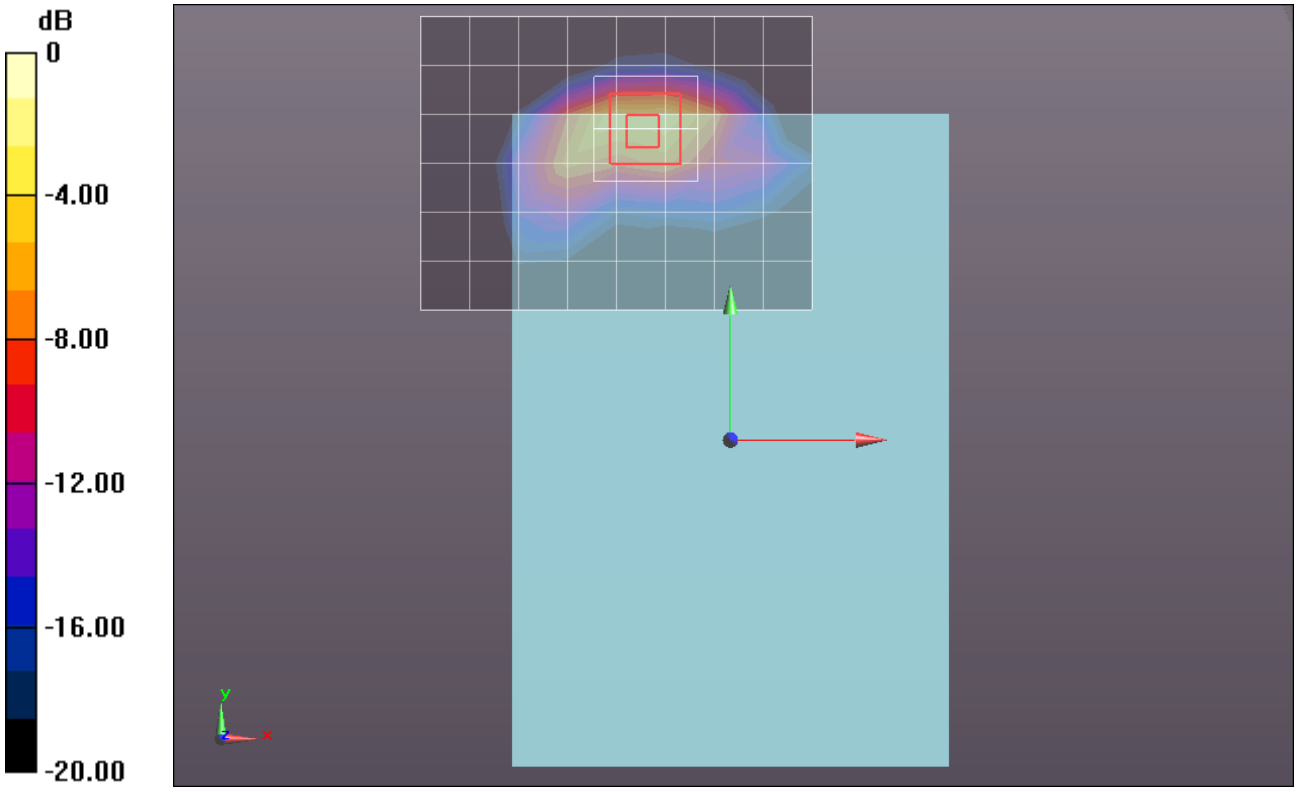
Frequency: 1880 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; σ = 1.478 mho/m; ε_r = 51.042; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Probe: EX3DV4 - SN3773; ConvF(7.11, 7.11, 7.11); Calibrated: 3/14/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1121

Rear/GPRS 2 slots Ch 661 w/ Pwr back-off (0 mm)/Area Scan (9x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.867 mW/g

Rear/GPRS 2 slots Ch 661 w/ Pwr back-off (0 mm)/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.479 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 2.1180
SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.473 mW/g
Maximum value of SAR (measured) = 1.472 mW/g



0 dB = 1.470mW/g = 3.35 dB mW/g

Test Laboratory: UL CCS SAR Lab C Date: 9/18/2012

GSM1900

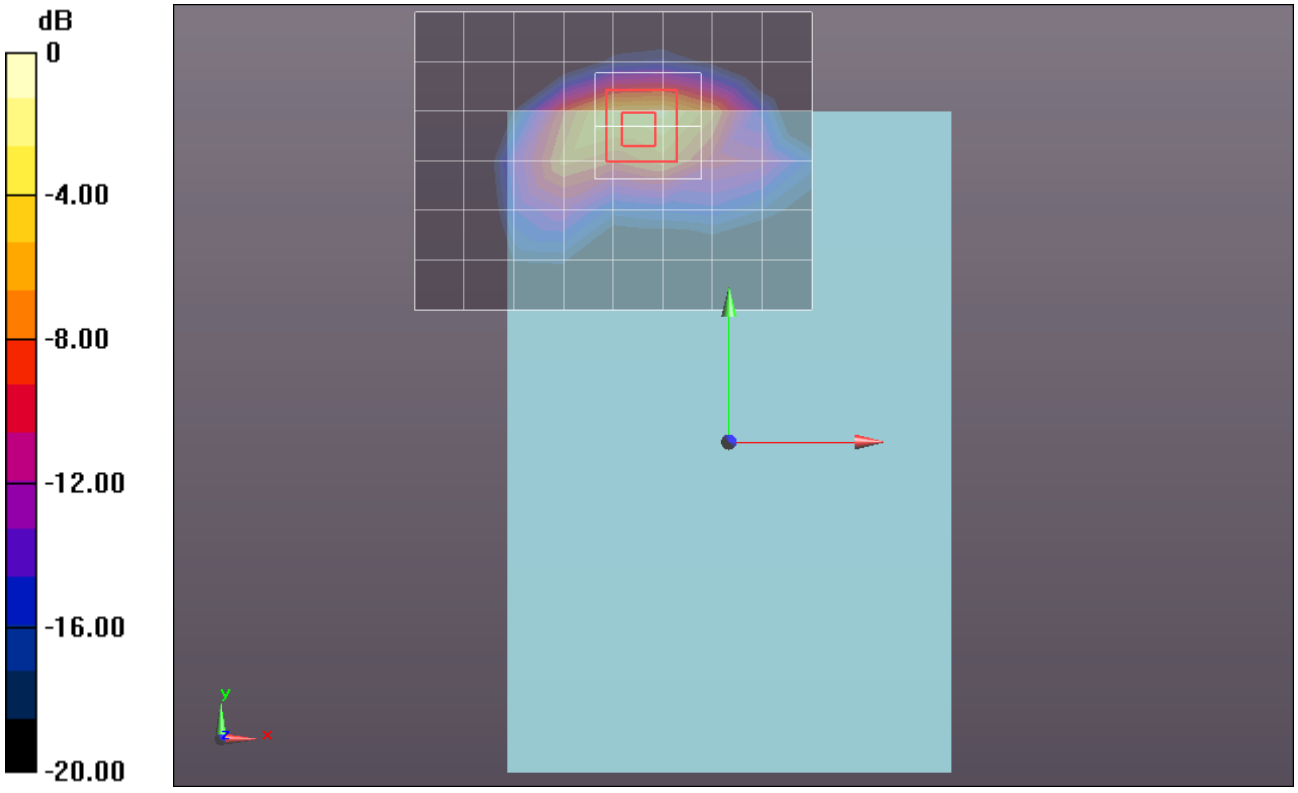
Frequency: 1909.8 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1910 MHz; σ = 1.528 mho/m; ε_r = 50.889; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Probe: EX3DV4 - SN3773; ConvF(7.11, 7.11, 7.11); Calibrated: 3/14/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1121

Rear/GPRS 2 slots Ch 810 w/ Pwr back-off (0 mm)/Area Scan (9x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.996 mW/g

Rear/GPRS 2 slots Ch 810 w/ Pwr back-off (0 mm)/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.183 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 2.3070
SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.521 mW/g
Maximum value of SAR (measured) = 1.606 mW/g



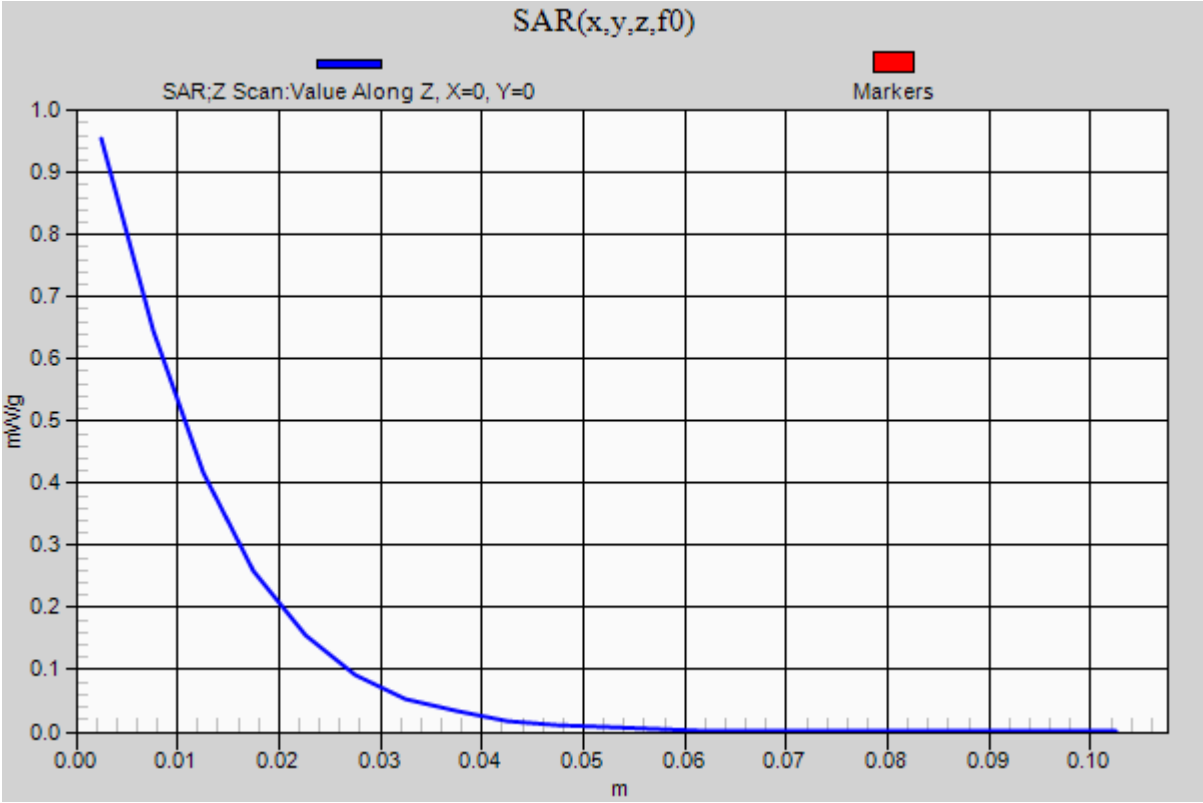
0 dB = 1.610mW/g = 4.14 dB mW/g

Test Laboratory: UL CCS SAR Lab C Date: 9/18/2012

GSM1900

Frequency: 1909.8 MHz; Duty Cycle: 1:4.00037

Rear/GPRS 2 slots Ch 810 w/ Pwr back-off (0 mm)/Z Scan (1x1x21): Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.954 mW/g



GSM1900

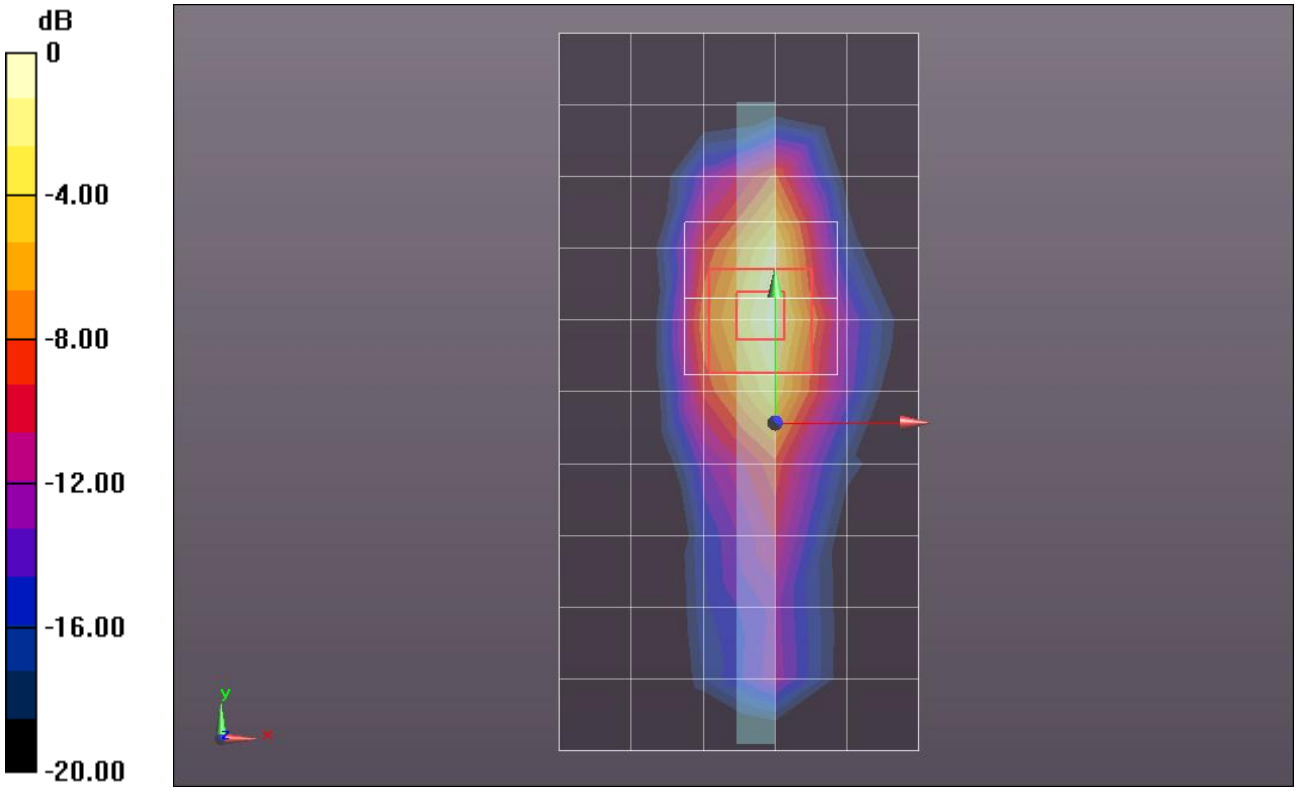
Frequency: 1880 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; σ = 1.478 mho/m; ε_r = 51.042; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Probe: EX3DV4 - SN3773; ConvF(7.11, 7.11, 7.11); Calibrated: 3/14/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Edge 1/GPRS 2 slots Ch 661 w/ Pwr back-off (0 mm)/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.936 mW/g

Edge 1/GPRS 2 slots Ch 661 w/ Pwr back-off (0 mm)/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.319 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.4520
SAR(1 g) = 0.742 mW/g; SAR(10 g) = 0.346 mW/g
Maximum value of SAR (measured) = 1.022 mW/g



0 dB = 1.020mW/g = 0.17 dB mW/g

Test Laboratory: UL CCS SAR Lab C Date: 9/18/2012

GSM1900

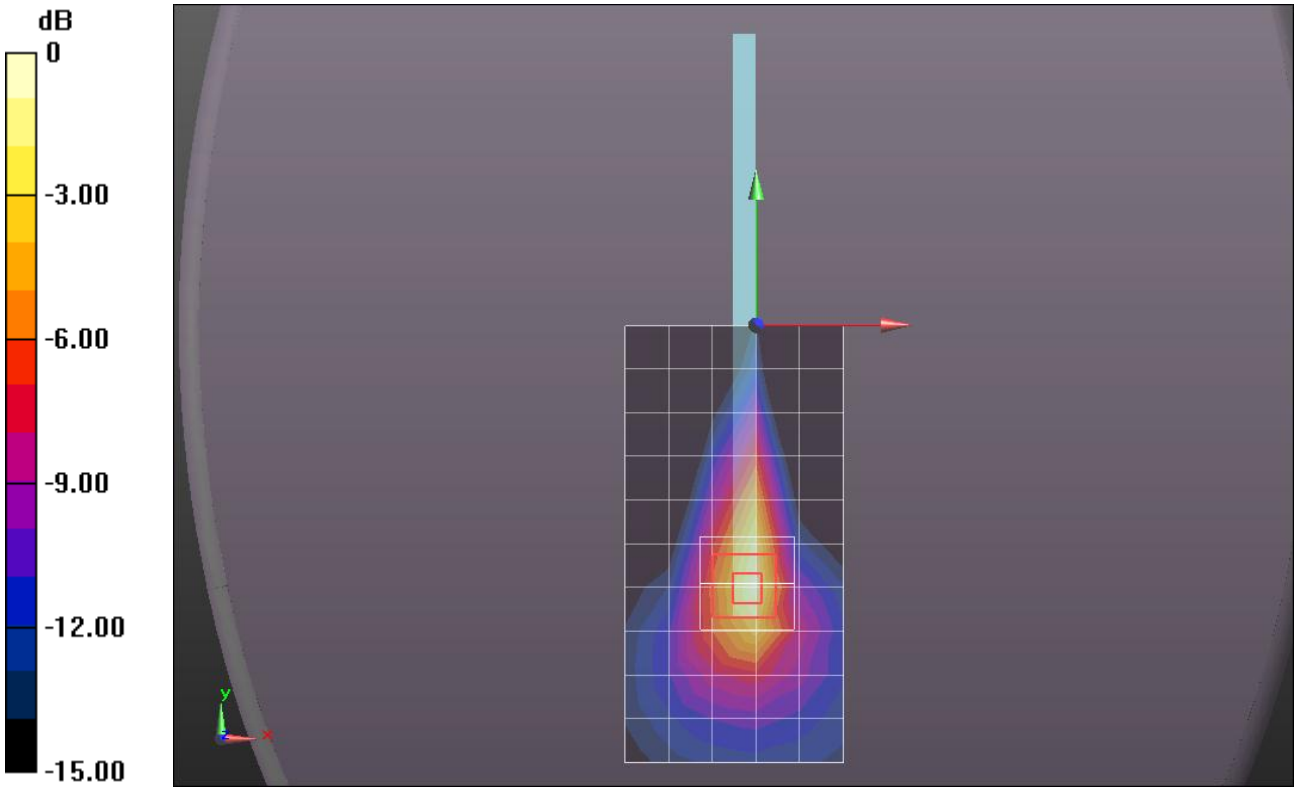
Frequency: 1880 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; σ = 1.478 mho/m; ε_r = 51.042; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Probe: EX3DV4 - SN3773; ConvF(7.11, 7.11, 7.11); Calibrated: 3/14/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Edge 2/GPRS 2 slots Ch 661 w/ Pwr back-off (Sec.) (0 mm)/Area Scan (6x11x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.001 mW/g

Edge 2/GPRS 2 slots Ch 661 w/ Pwr back-off (Sec.) (0 mm)/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.396 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.5390
SAR(1 g) = 0.735 mW/g; SAR(10 g) = 0.352 mW/g
Maximum value of SAR (measured) = 1.091 mW/g



0 dB = 1.090mW/g = 0.75 dB mW/g

Test Laboratory: UL CCS SAR Lab C Date: 9/18/2012

GSM1900

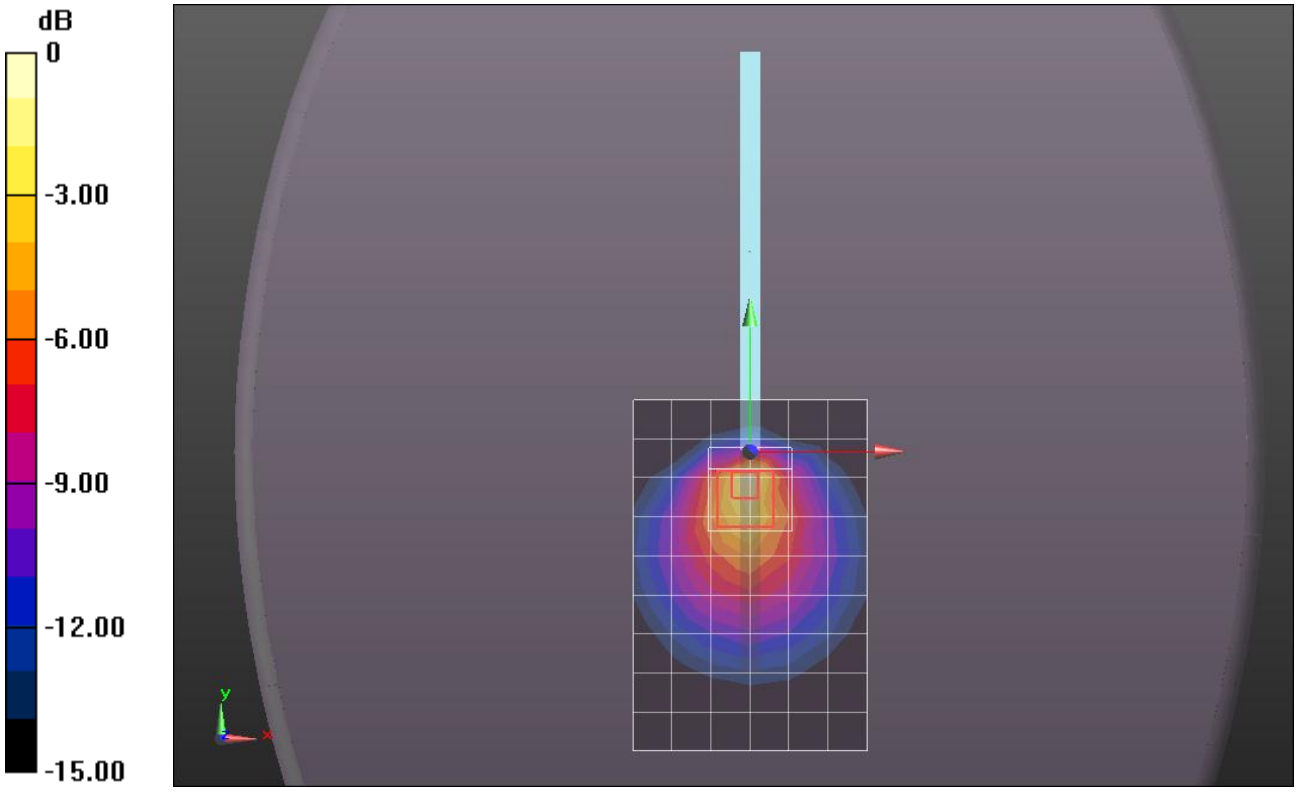
Frequency: 1880 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; σ = 1.478 mho/m; ε_r = 51.042; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Probe: EX3DV4 - SN3773; ConvF(7.11, 7.11, 7.11); Calibrated: 3/14/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Edge 1 and Edge 2 Tilt 40 deg/GPRS 2 slots Ch 661 w/ Pwr back-off (Sec.) (0 mm) 2/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.903 mW/g

Edge 1 and Edge 2 Tilt 40 deg/GPRS 2 slots Ch 661 w/ Pwr back-off (Sec.) (0 mm) 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.827 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.6380
SAR(1 g) = 0.701 mW/g; SAR(10 g) = 0.352 mW/g
Maximum value of SAR (measured) = 1.036 mW/g



0 dB = 1.040mW/g = 0.34 dB mW/g

GSM1900

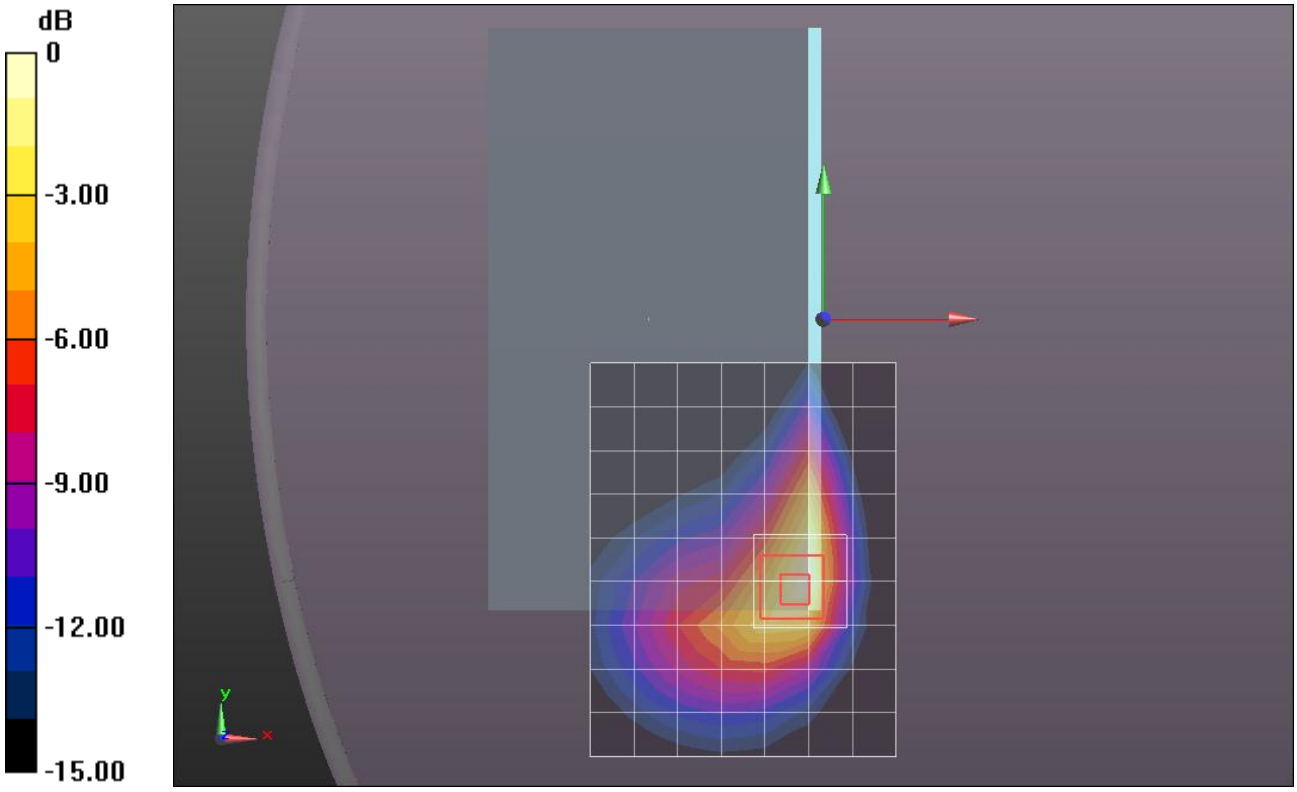
Frequency: 1880 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; σ = 1.478 mho/m; ε_r = 51.042; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Probe: EX3DV4 - SN3773; ConvF(7.11, 7.11, 7.11); Calibrated: 3/14/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Edge 2 Tilt 35 deg/GPRS 2 slots Ch 661 w/ Pwr back-off (Sec.) (0 mm) 2/Area Scan (8x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.977 mW/g

Edge 2 Tilt 35 deg/GPRS 2 slots Ch 661 w/ Pwr back-off (Sec.) (0 mm) 2/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.479 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.4190
SAR(1 g) = 0.771 mW/g; SAR(10 g) = 0.404 mW/g
Maximum value of SAR (measured) = 1.008 mW/g



0 dB = 1.010mW/g = 0.09 dB mW/g

Test Laboratory: UL CCS SAR Lab C Date: 9/18/2012

GSM1900

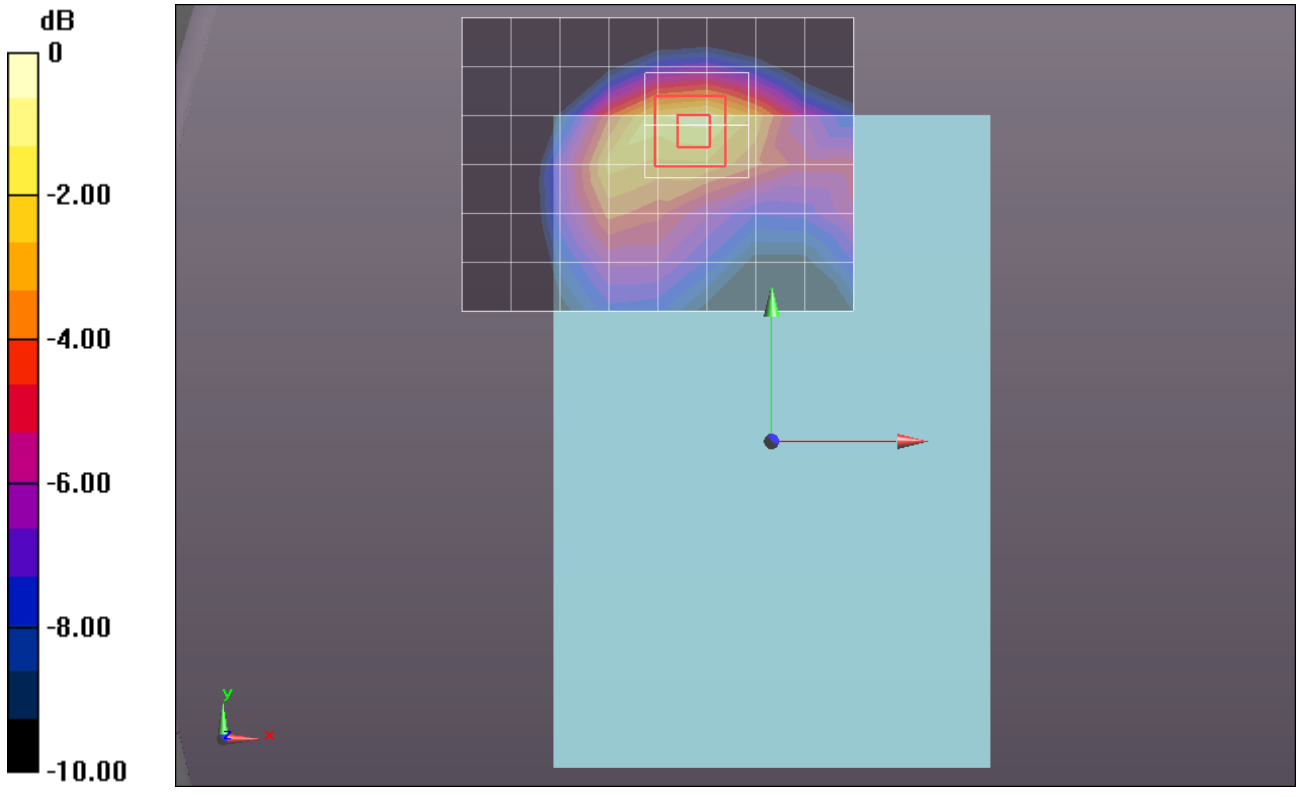
Frequency: 1850.2 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.448 mho/m; ε_r = 51.039; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Probe: EX3DV4 - SN3773; ConvF(7.11, 7.11, 7.11); Calibrated: 3/14/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1121

Rear/GPRS 2 slots Ch 512 w/o Pwr back-off (14 mm)/Area Scan (9x7x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.987 mW/g

Rear/GPRS 2 slots Ch 512 w/o Pwr back-off (14 mm)/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.945 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.5180
SAR(1 g) = 0.951 mW/g; SAR(10 g) = 0.548 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.189 mW/g



0 dB = 1.190mW/g = 1.51 dB mW/g

Test Laboratory: UL CCS SAR Lab C Date: 9/18/2012

GSM1900

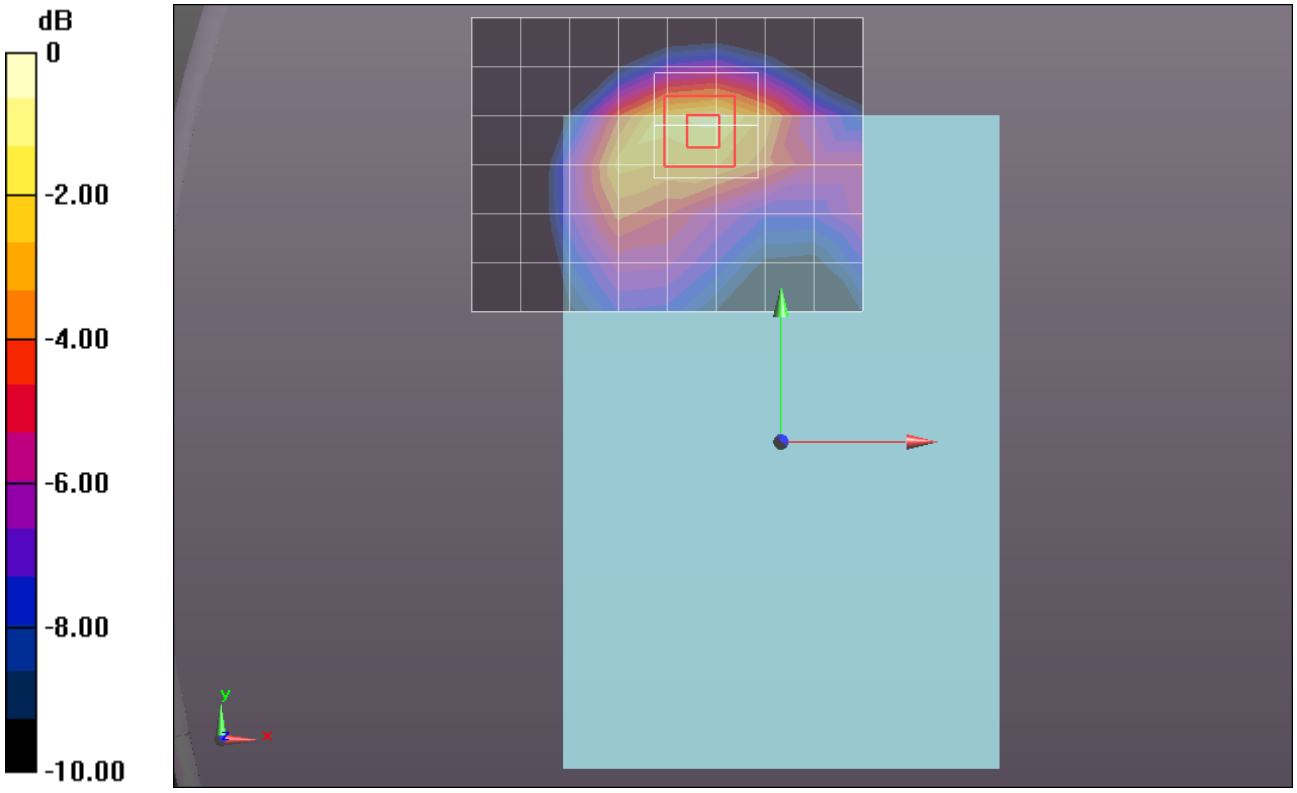
Frequency: 1880 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; σ = 1.478 mho/m; ε_r = 51.042; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Probe: EX3DV4 - SN3773; ConvF(7.11, 7.11, 7.11); Calibrated: 3/14/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1121

Rear/GPRS 2 slots Ch 661 w/o Pwr back-off (14 mm)/Area Scan (9x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.985 mW/g

Rear/GPRS 2 slots Ch 661 w/o Pwr back-off (14 mm)/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.726 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.5630
SAR(1 g) = 0.958 mW/g; SAR(10 g) = 0.550 mW/g
Maximum value of SAR (measured) = 1.200 mW/g



0 dB = 1.200mW/g = 1.58 dB mW/g

Test Laboratory: UL CCS SAR Lab C Date: 9/18/2012

GSM1900

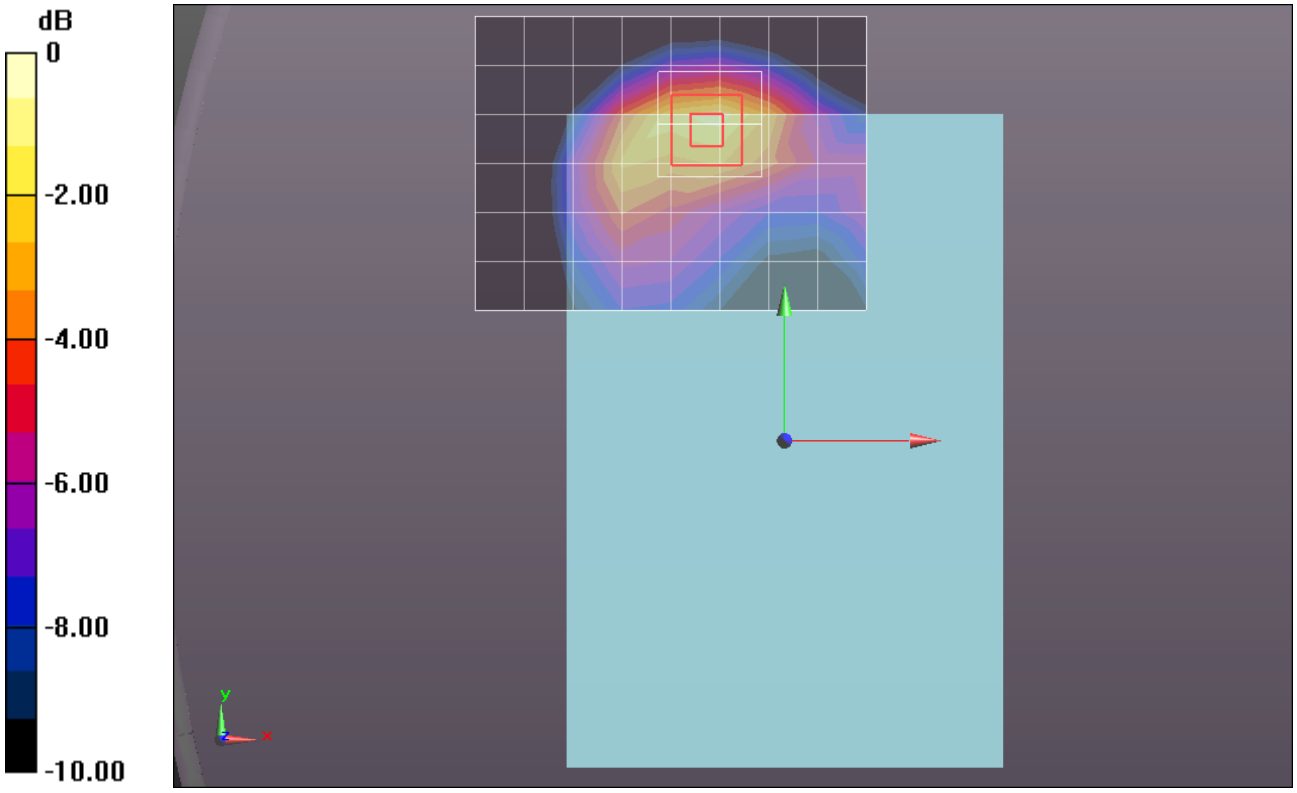
Frequency: 1909.8 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1910 MHz; σ = 1.528 mho/m; ε_r = 50.889; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Probe: EX3DV4 - SN3773; ConvF(7.11, 7.11, 7.11); Calibrated: 3/14/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1121

Rear/GPRS 2 slots Ch 810 w/o Pwr back-off (14 mm)/Area Scan (9x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.006 mW/g

Rear/GPRS 2 slots Ch 810 w/o Pwr back-off (14 mm)/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.723 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.6030
SAR(1 g) = 0.977 mW/g; SAR(10 g) = 0.559 mW/g
Maximum value of SAR (measured) = 1.230 mW/g



0 dB = 1.230mW/g = 1.80 dB mW/g

Test Laboratory: UL CCS SAR Lab C Date: 9/18/2012

GSM1900

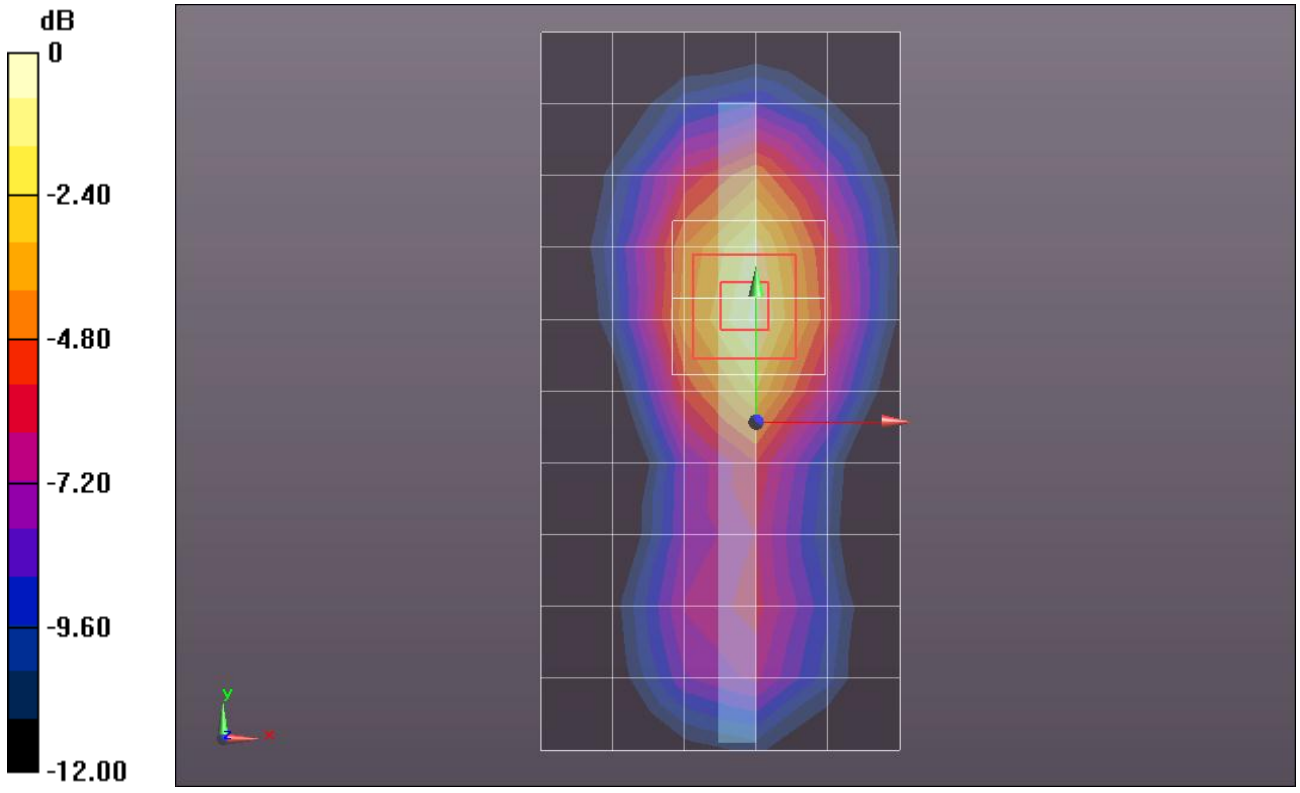
Frequency: 1850.2 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.448 mho/m; ε_r = 51.039; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Probe: EX3DV4 - SN3773; ConvF(7.11, 7.11, 7.11); Calibrated: 3/14/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Edge 1/GPRS 2 slots Ch 512 w/o Pwr back-off (14 mm)/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.187 mW/g

Edge 1/GPRS 2 slots Ch 512 w/o Pwr back-off (14 mm)/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.921 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.6520
SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.600 mW/g
Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.306 mW/g



0 dB = 1.310mW/g = 2.35 dB mW/g

Test Laboratory: UL CCS SAR Lab C Date: 9/18/2012

GSM1900

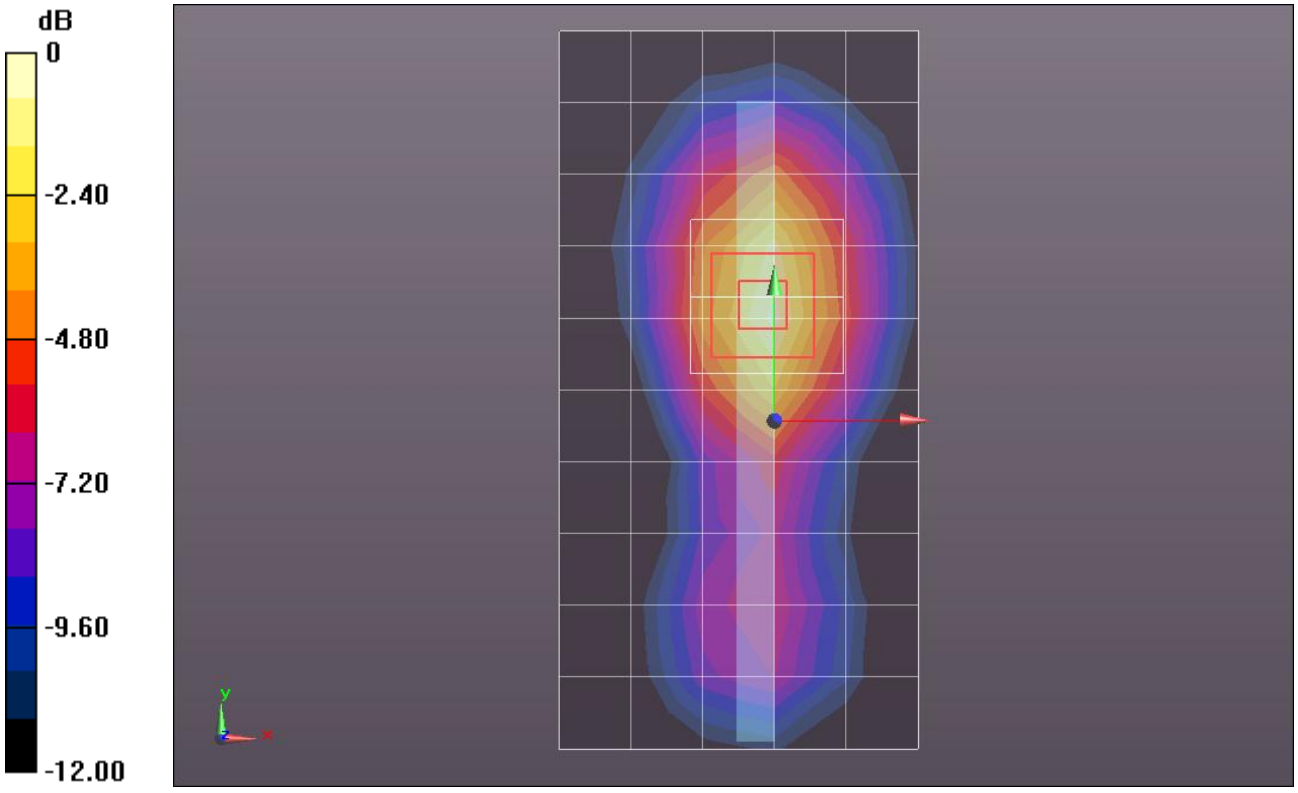
Frequency: 1880 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; σ = 1.478 mho/m; ε_r = 51.042; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Probe: EX3DV4 - SN3773; ConvF(7.11, 7.11, 7.11); Calibrated: 3/14/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Edge 1/GPRS 2 slots Ch 661 w/o Pwr back-off (14 mm)/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.288 mW/g

Edge 1/GPRS 2 slots Ch 661 w/o Pwr back-off (14 mm)/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.765 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.8560
SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.643 mW/g
Maximum value of SAR (measured) = 1.426 mW/g



0 dB = 1.430mW/g = 3.11 dB mW/g

Test Laboratory: UL CCS SAR Lab C Date: 9/18/2012

GSM1900

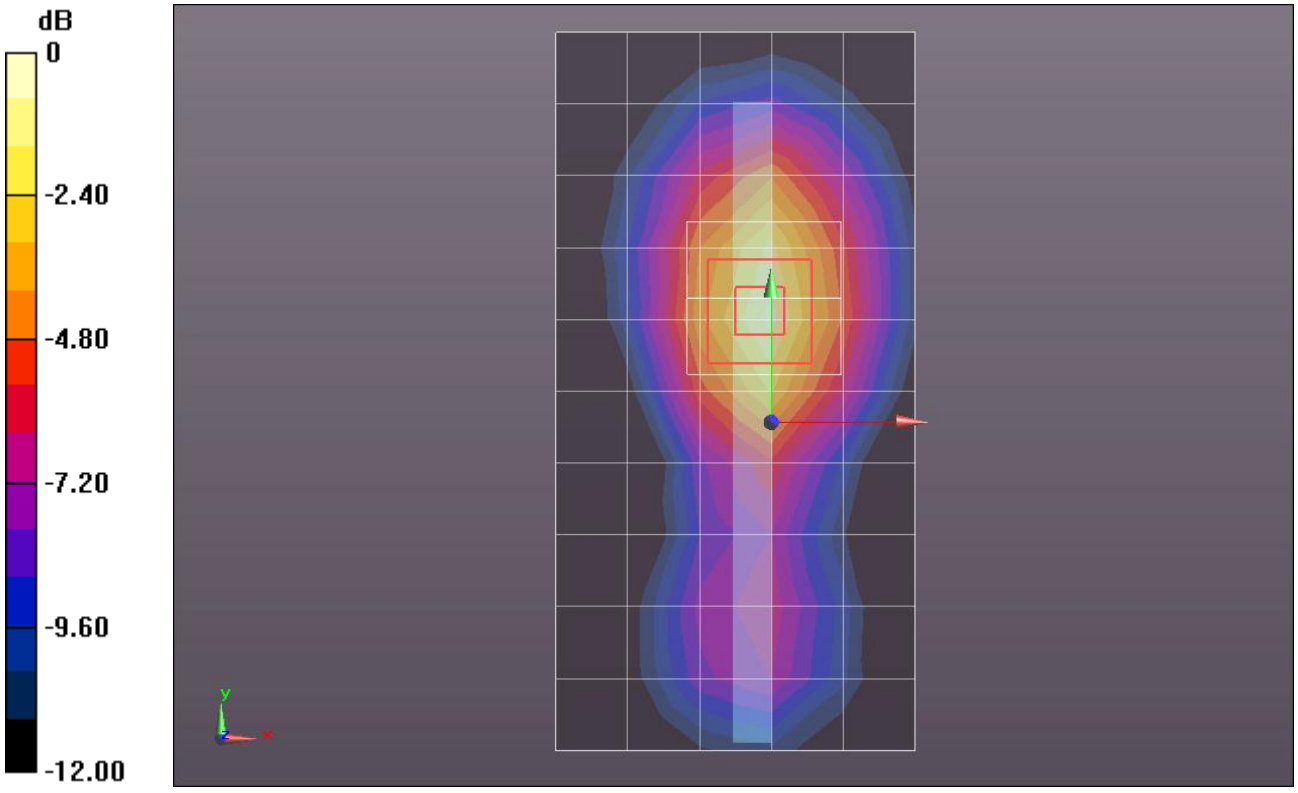
Frequency: 1909.8 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1910 MHz; σ = 1.528 mho/m; ε_r = 50.889; ρ = 1000 kg/m^3
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1239; Calibrated: 6/6/2012
- Probe: EX3DV4 - SN3773; ConvF(7.11, 7.11, 7.11); Calibrated: 3/14/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

Edge 1/GPRS 2 slots Ch 810 w/o Pwr back-off (14 mm)/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.248 mW/g

Edge 1/GPRS 2 slots Ch 810 w/o Pwr back-off (14 mm)/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.879 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.8160
SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.630 mW/g
Maximum value of SAR (measured) = 1.388 mW/g



0 dB = 1.390mW/g = 2.86 dB mW/g