Test Laboratory: UL CCS SAR Lab B Date: 9/4/2012

## GSM1900

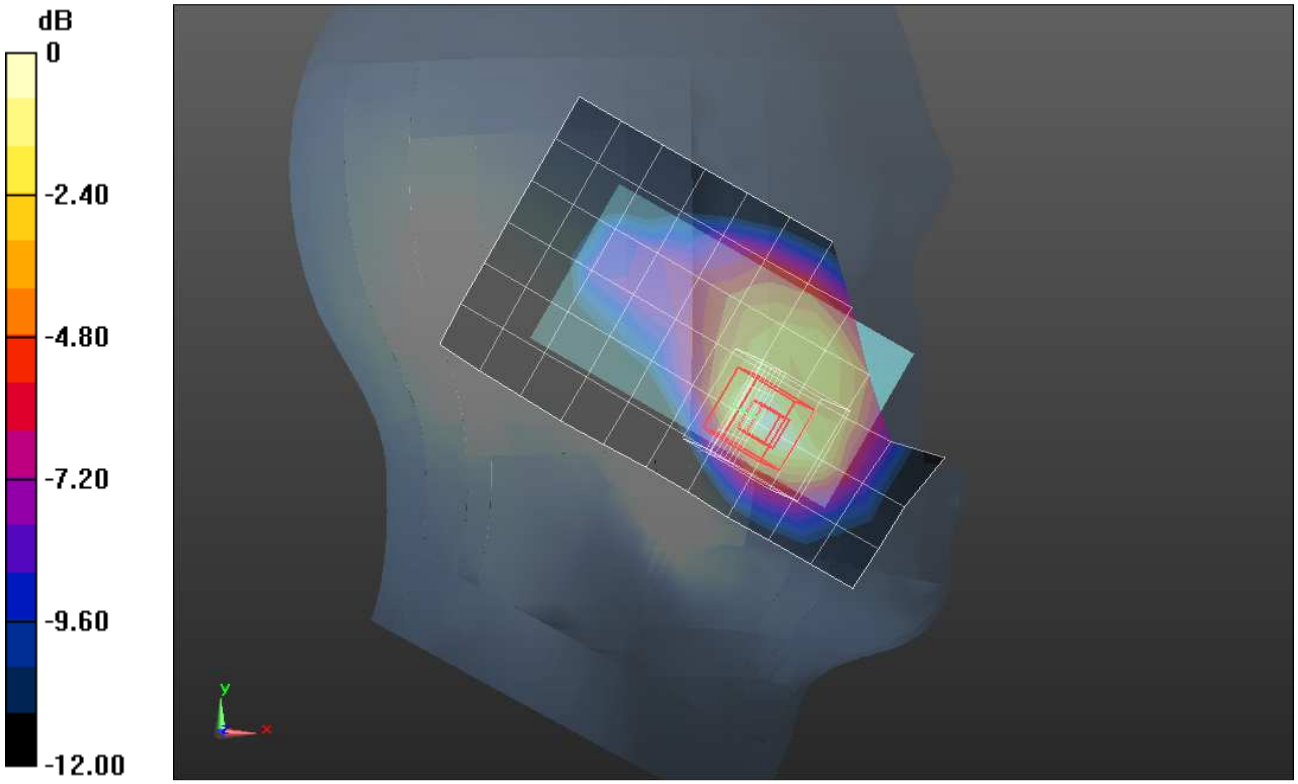
Frequency: 1880 MHz; Duty Cycle: 1:8.00018; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.384 mho/m; $\varepsilon_r$ = 39.83; $\rho$ = 1000 kg/$m^3$
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.51, 7.51, 7.51); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

### Head/Left Touch/GMSK Voice/Ch 661/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.717 mW/g

### Head/Left Touch/GMSK Voice/Ch 661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.197 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.9600
**SAR(1 g) = 0.559 mW/g; SAR(10 g) = 0.299 mW/g**
Maximum value of SAR (measured) = 0.706 mW/g



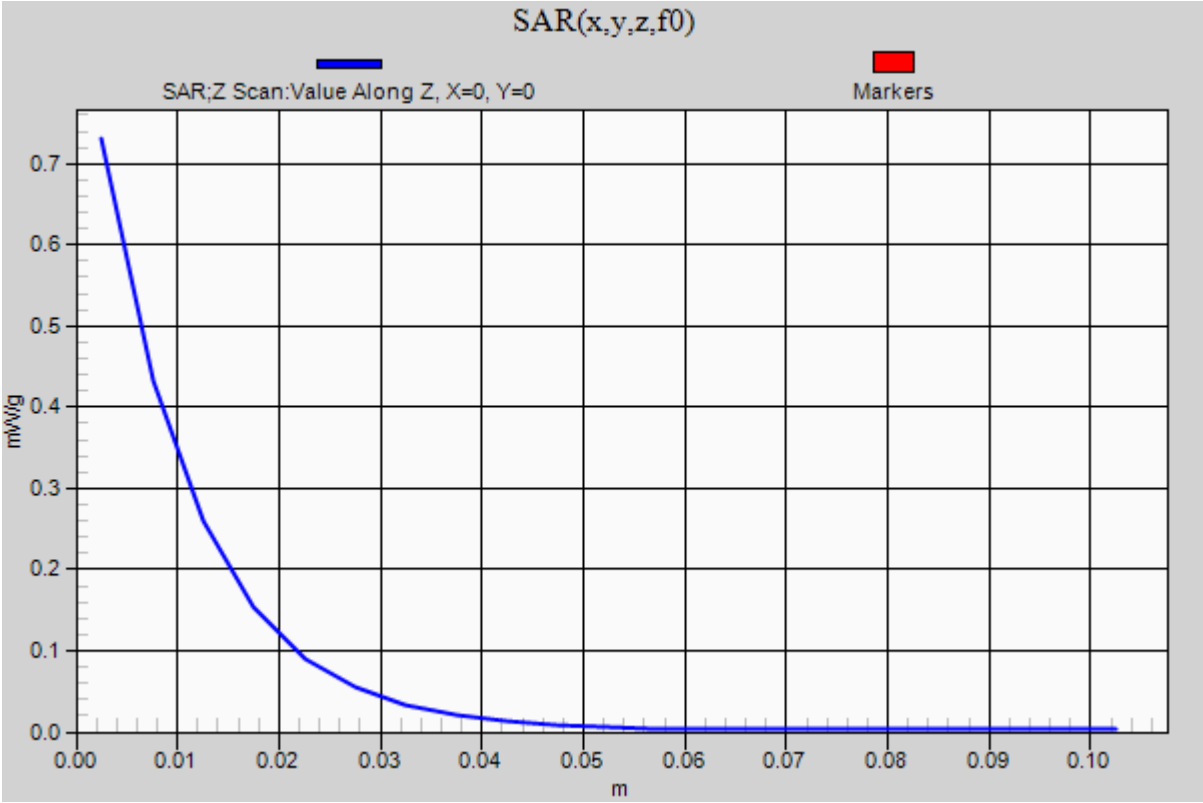

0 dB = 0.710mW/g = -2.97 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 9/4/2012

## GSM1900

Frequency: 1880 MHz; Duty Cycle: 1:8.00018

**Head/Left Touch/GMSK Voice/Ch 661/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.731 mW/g



Test Laboratory: UL CCS SAR Lab B Date: 9/4/2012

## GSM1900

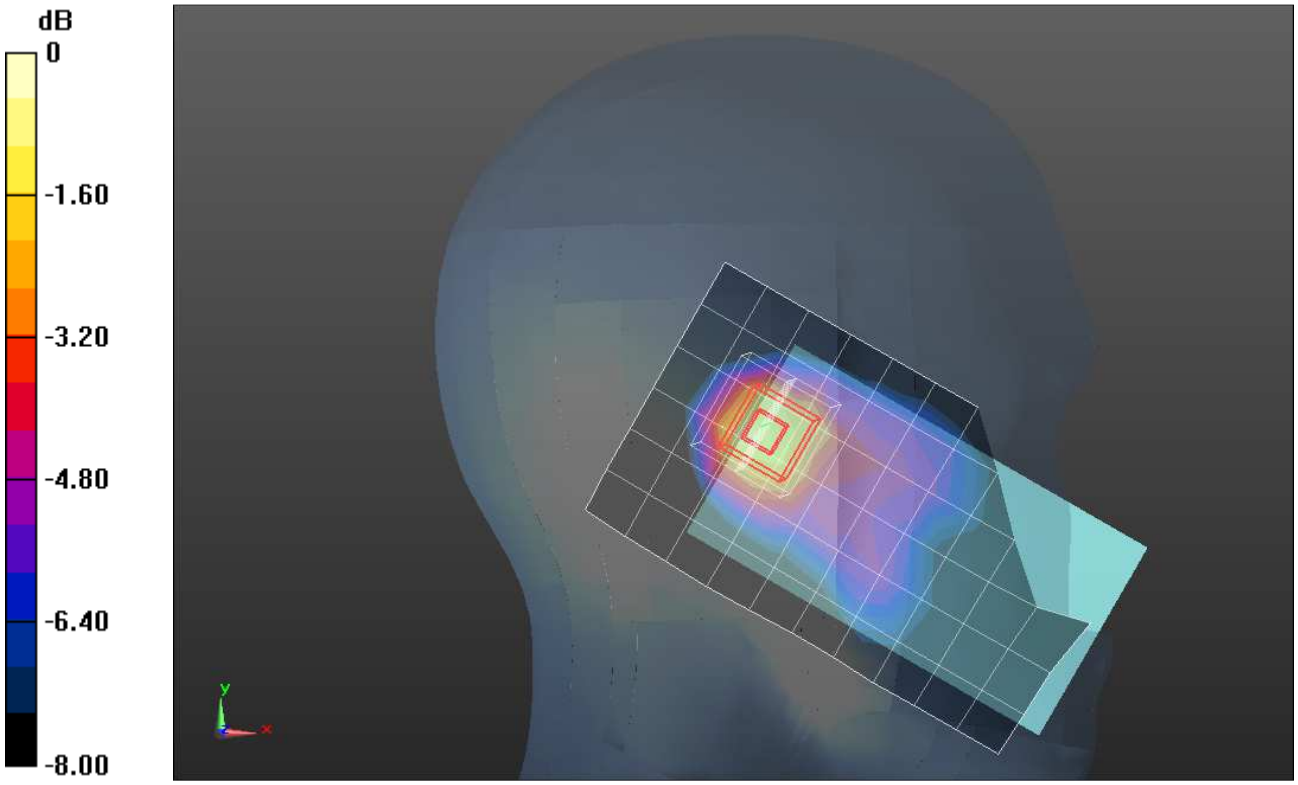
Frequency: 1880 MHz; Duty Cycle: 1:8.00018; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.384 mho/m; $\varepsilon_r$ = 39.83; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.51, 7.51, 7.51); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

### Head/Left Tilt/GMSK Voice/Ch 661/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.164 mW/g

### Head/Left Tilt/GMSK Voice/Ch 661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.990 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.2400
**SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.088 mW/g**
Maximum value of SAR (measured) = 0.188 mW/g




0 dB = 0.190mW/g = -14.42 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 9/4/2012

## GSM1900

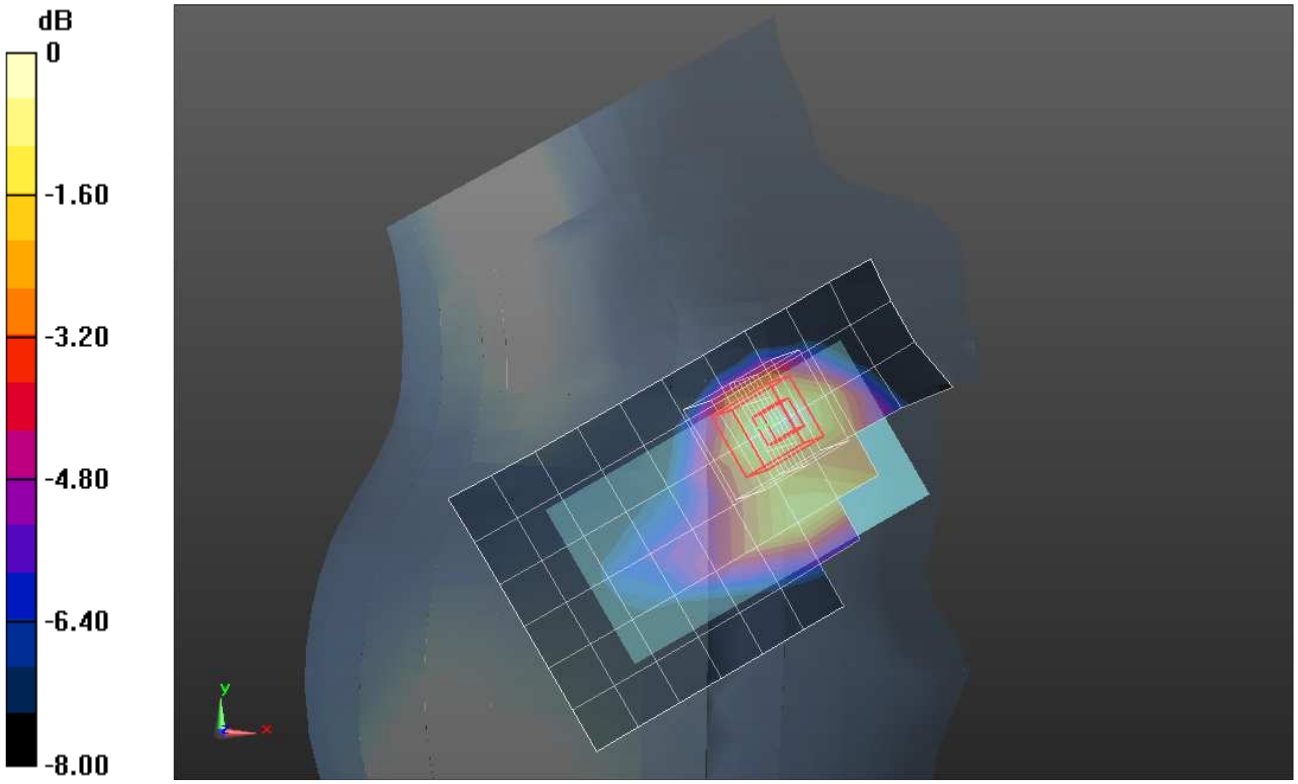
Frequency: 1880 MHz; Duty Cycle: 1:8.00018; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.384 mho/m; $\varepsilon_r$ = 39.83; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.51, 7.51, 7.51); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

### Head/Right Touch/GMSK Voice/Ch 661/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.545 mW/g

### Head/Right Touch/GMSK Voice/Ch 661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.973 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.6710
**SAR(1 g) = 0.448 mW/g; SAR(10 g) = 0.267 mW/g**
Maximum value of SAR (measured) = 0.549 mW/g




0 dB = 0.550mW/g = -5.19 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 9/4/2012

## GSM1900

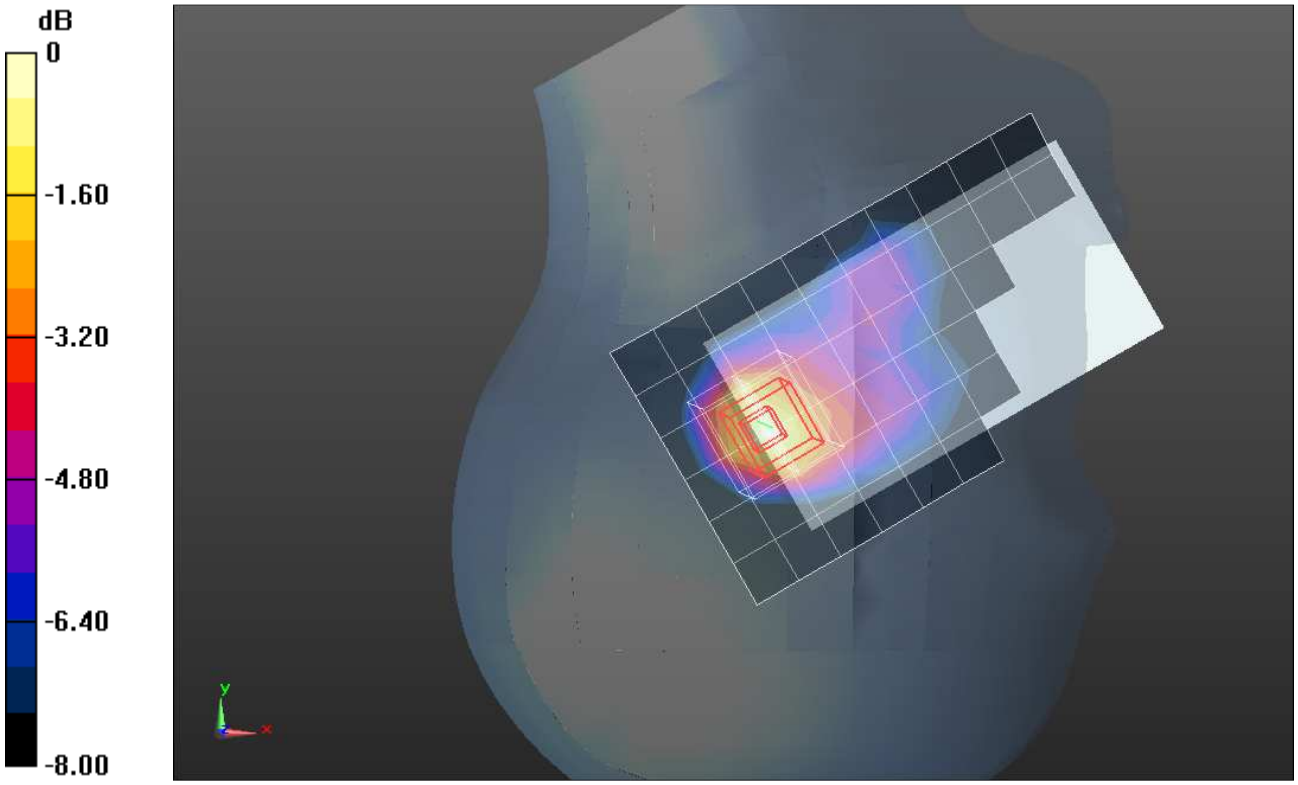
Frequency: 1880 MHz; Duty Cycle: 1:8.00018; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.384 mho/m; $\varepsilon_r$ = 39.83; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.51, 7.51, 7.51); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

### Head/Right Tilt/GMSK Voice/Ch 661/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.209 mW/g

### Head/Right Tilt/GMSK Voice/Ch 661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.472 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.2730
**SAR(1 g) = 0.168 mW/g; SAR(10 g) = 0.099 mW/g**
Maximum value of SAR (measured) = 0.210 mW/g




0 dB = 0.210mW/g = -13.56 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 9/4/2012

## GSM1900

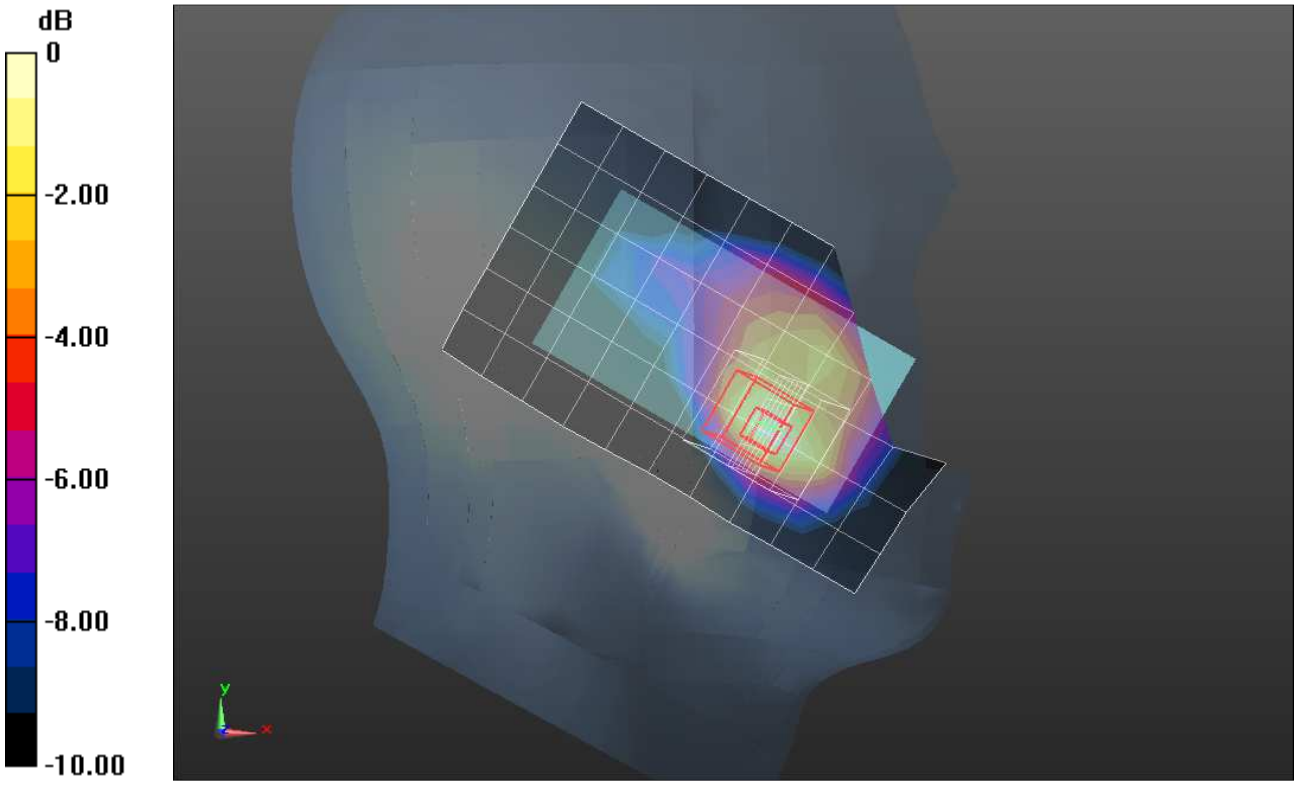
Frequency: 1880 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.384 mho/m; $\varepsilon_r$ = 39.83; $\rho$ = 1000 kg/$m^3$
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.51, 7.51, 7.51); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

### Head/Left Touch/GPRS 2 slot/Ch 661/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.748 mW/g

### Head/Left Touch/GPRS 2 slot/Ch 661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.784 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.0070
**SAR(1 g) = 0.588 mW/g; SAR(10 g) = 0.312 mW/g**
Maximum value of SAR (measured) = 0.729 mW/g



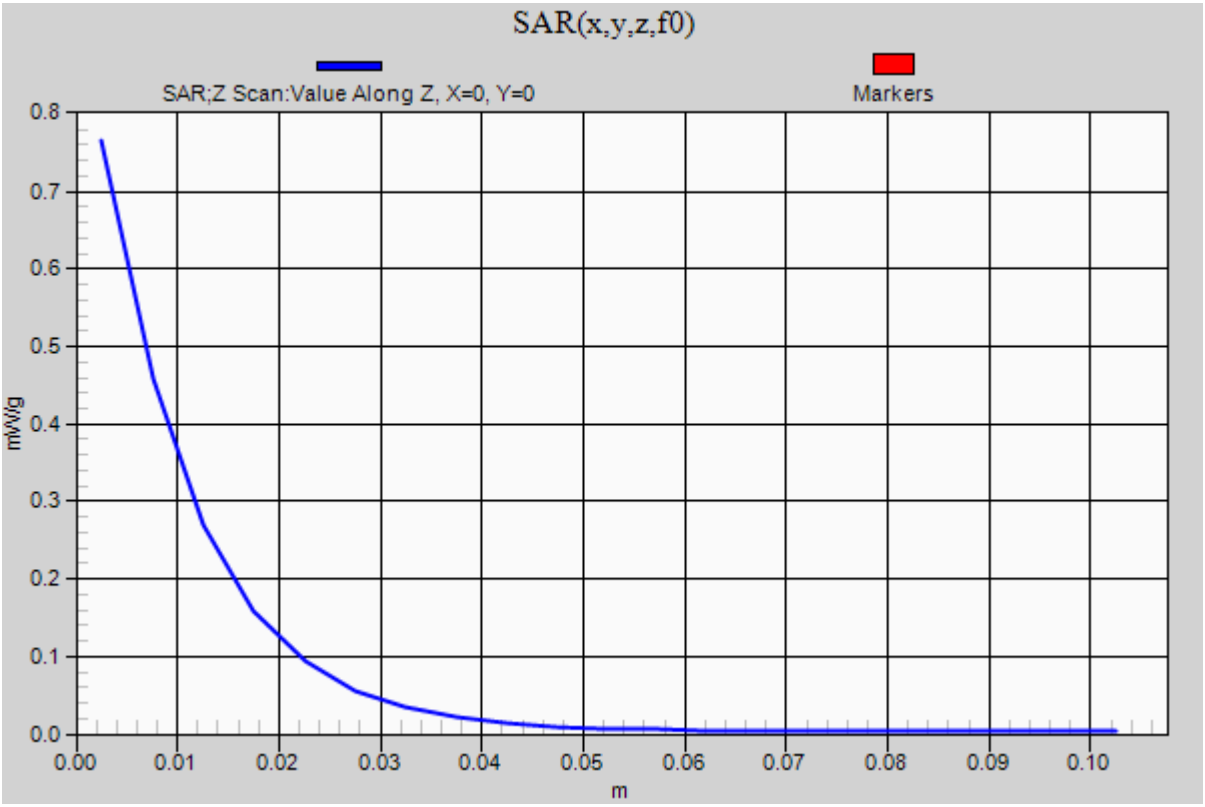

0 dB = 0.730mW/g = -2.73 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 9/4/2012

## GSM1900

Frequency: 1880 MHz; Duty Cycle: 1:4.00037

**Head/Left Touch/GPRS 2 slot/Ch 661/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.766 mW/g



Test Laboratory: UL CCS SAR Lab B Date: 9/4/2012

## GSM1900

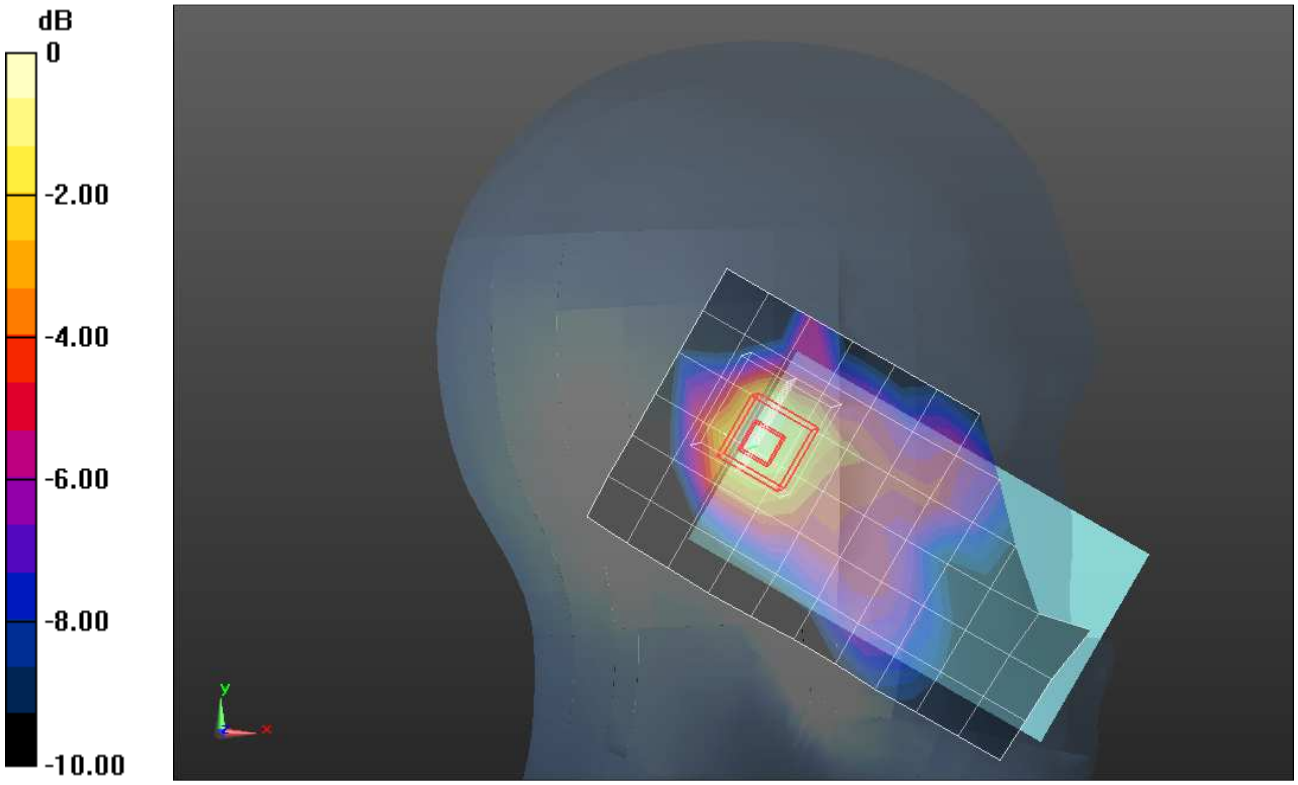
Frequency: 1880 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.384 mho/m; $\varepsilon_r$ = 39.83; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.51, 7.51, 7.51); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

### Head/Left Tilt/GPRS 2 slot/Ch 661/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.187 mW/g

### Head/Left Tilt/GPRS 2 slot/Ch 661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.568 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.2660
**SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.095 mW/g**
Maximum value of SAR (measured) = 0.197 mW/g




0 dB = 0.200mW/g = -13.98 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 9/4/2012

## GSM1900

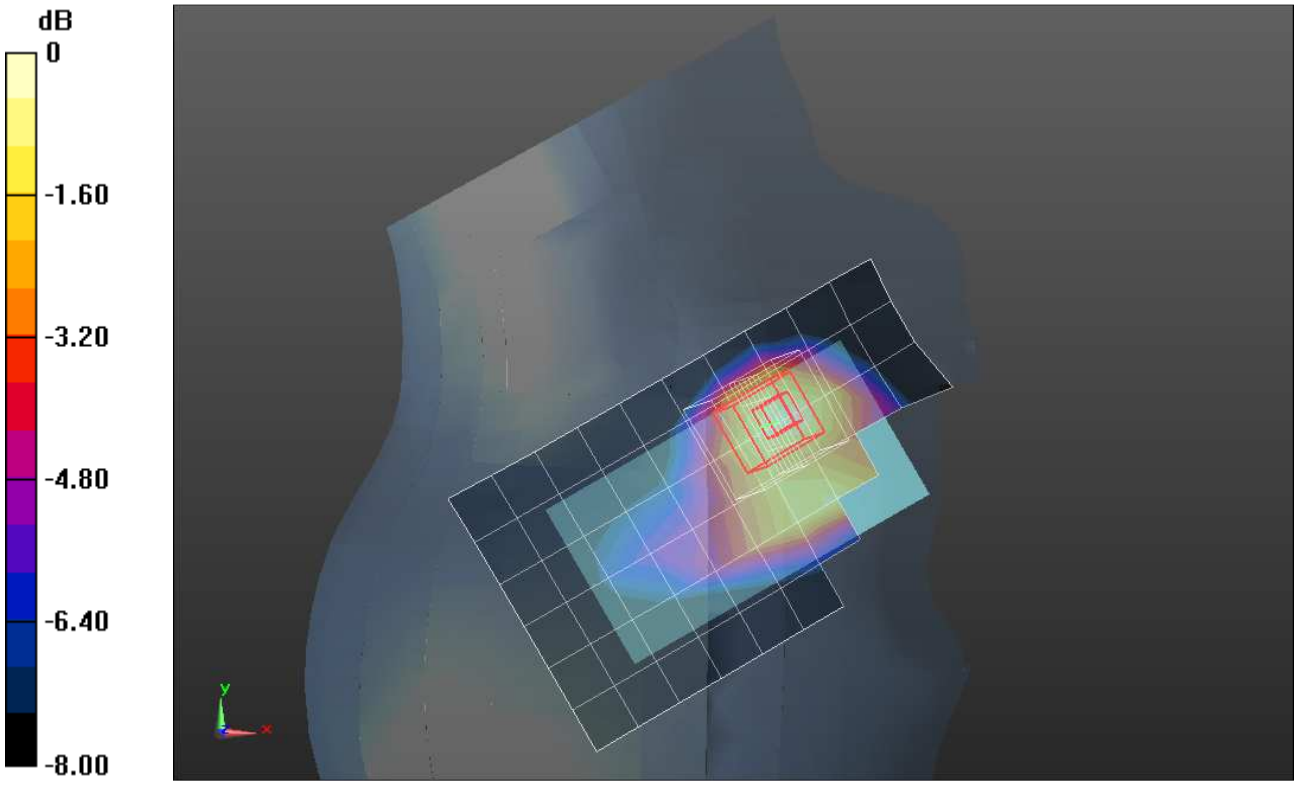
Frequency: 1880 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.384 mho/m; $\varepsilon_r$ = 39.83; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.51, 7.51, 7.51); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

### Head/Right Touch/GPRS 2 slot/Ch 661/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.526 mW/g

### Head/Right Touch/GPRS 2 slot/Ch 661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.586 V/m; Power Drift = -0.009 dB
Peak SAR (extrapolated) = 0.6410
**SAR(1 g) = 0.435 mW/g; SAR(10 g) = 0.259 mW/g**
Maximum value of SAR (measured) = 0.528 mW/g




0 dB = 0.530mW/g = -5.51 dB mW/g

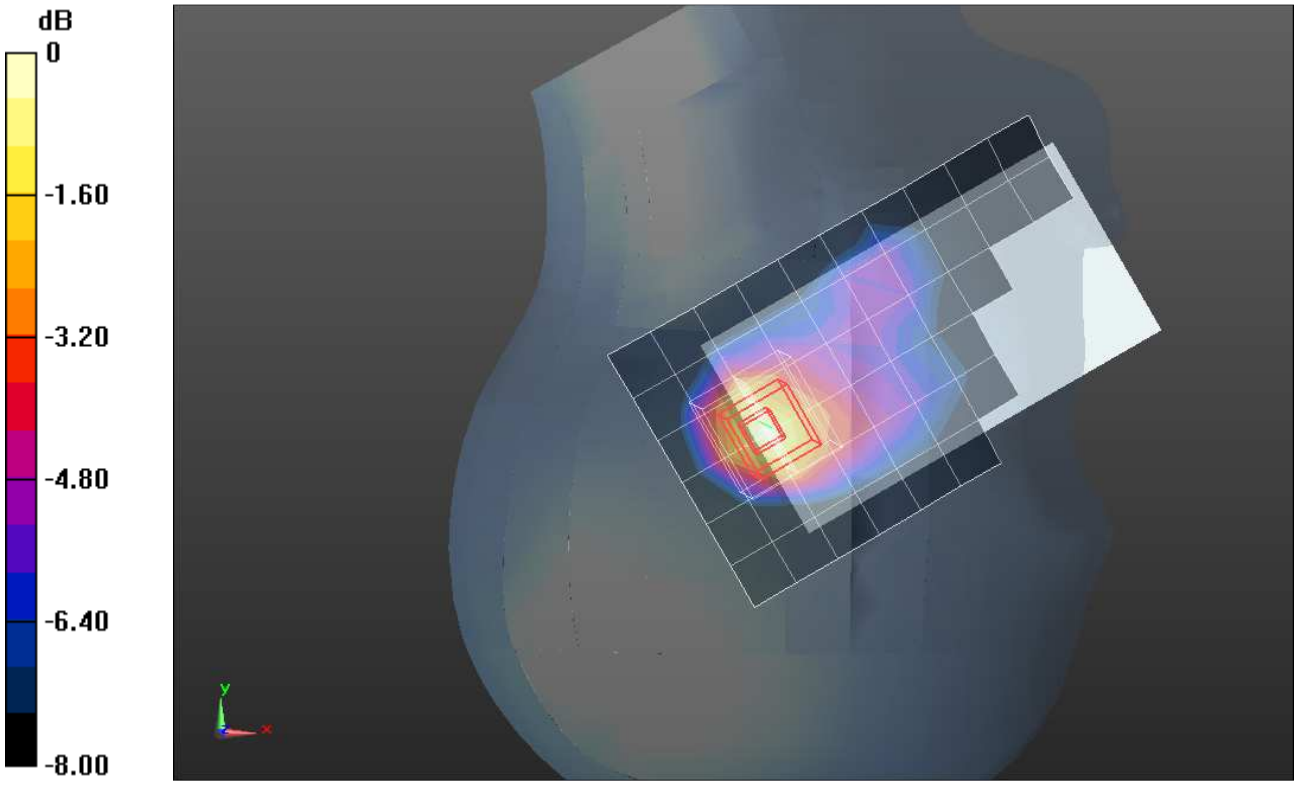
Test Laboratory: UL CCS SAR Lab B Date: 9/4/2012

## 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; $\sigma$ = 1.384 mho/m; $\varepsilon_r$ = 39.83; $\rho$ = 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 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.51, 7.51, 7.51); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Head/Right Tilt/GPRS 2 slot/Ch 661/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.219 mW/g

**Head/Right Tilt/GPRS 2 slot/Ch 661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.738 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.2780
**SAR(1 g) = 0.173 mW/g; SAR(10 g) = 0.102 mW/g**
Maximum value of SAR (measured) = 0.215 mW/g




0 dB = 0.220mW/g = -13.15 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 9/7/2012

## GSM1900

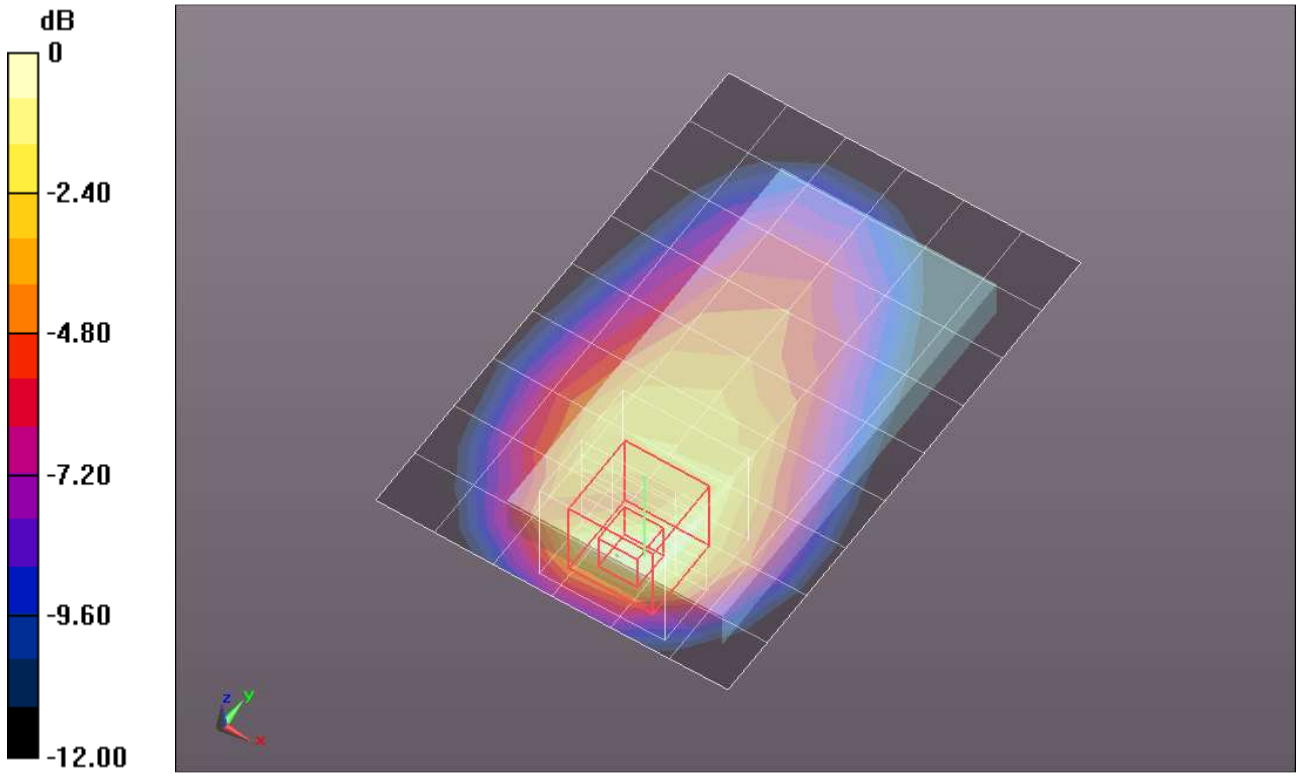
Frequency: 1880 MHz; Duty Cycle: 1:8.00018; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.505 mho/m; $\varepsilon_r$ = 52.358; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

### Body/Rear/GMSK Voice/10mm/Ch 661/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.606 mW/g

### Body/Rear/GMSK Voice/10mm/Ch 661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.193 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.9220
**SAR(1 g) = 0.561 mW/g; SAR(10 g) = 0.310 mW/g**
Maximum value of SAR (measured) = 0.733 mW/g



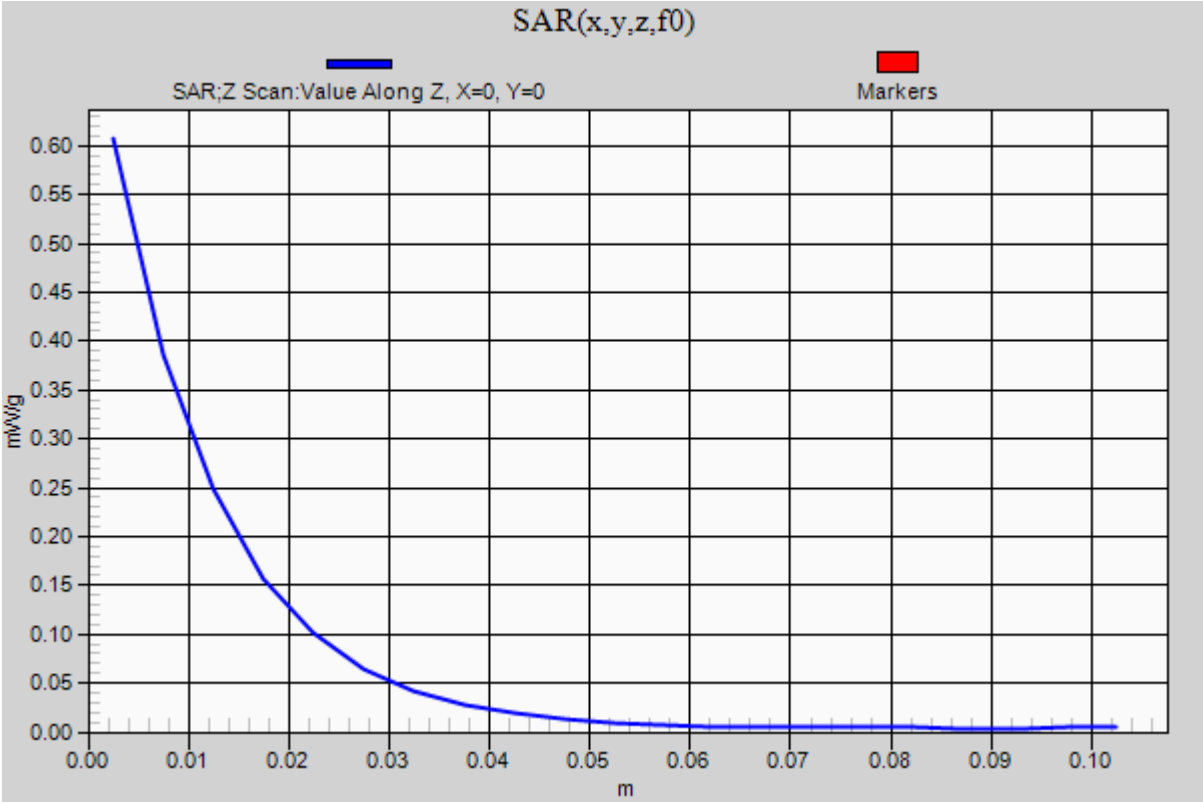

0 dB = 0.730mW/g = -2.73 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 9/7/2012

## GSM1900

Frequency: 1880 MHz; Duty Cycle: 1:8.00018

**Body/Rear/GMSK Voice/10mm/Ch 661/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.607 mW/g



Test Laboratory: UL CCS SAR Lab B Date: 9/7/2012

## GSM1900

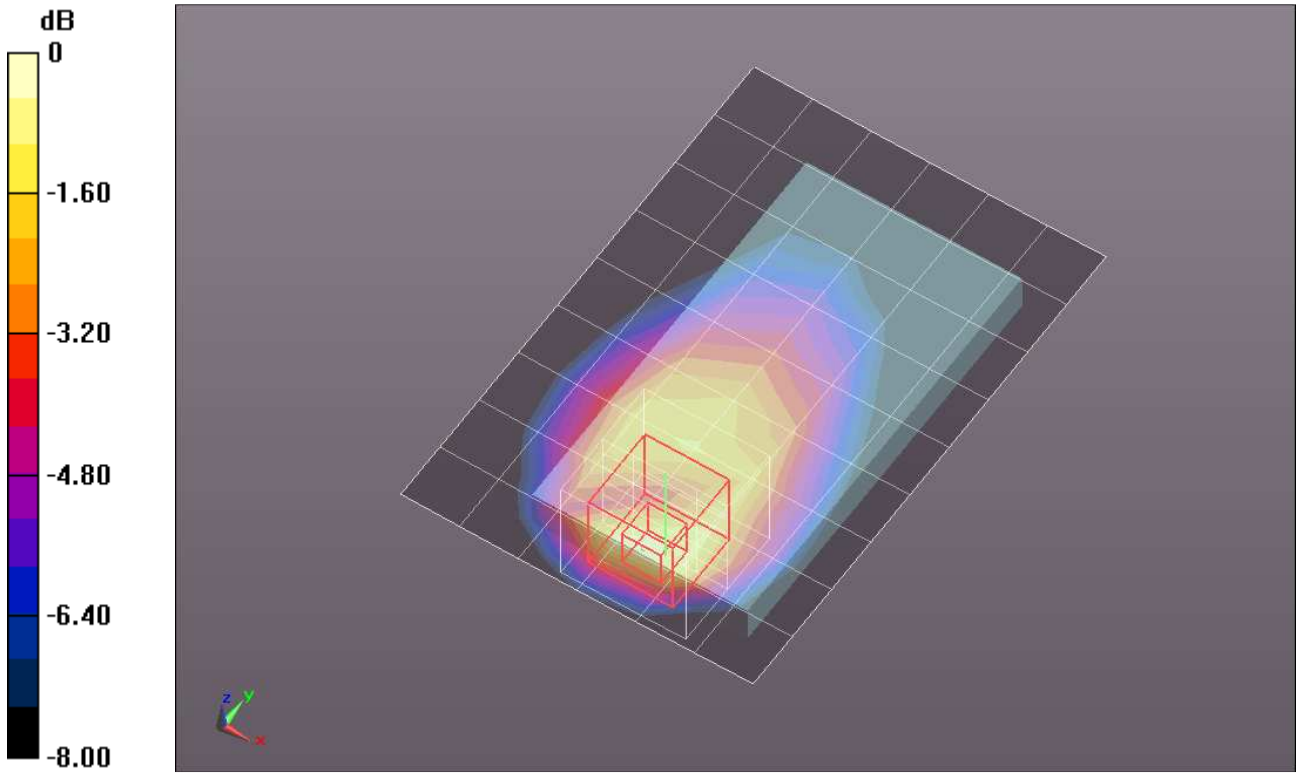
Frequency: 1880 MHz; Duty Cycle: 1:8.00018; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.505 mho/m; $\varepsilon_r$ = 52.358; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

## Body/Rear/GMSK Voice/10mm/Ch 661 with headset/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.623 mW/g

## Body/Rear/GMSK Voice/10mm/Ch 661 with headset/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.500 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.8970
**SAR(1 g) = 0.550 mW/g; SAR(10 g) = 0.308 mW/g**
Maximum value of SAR (measured) = 0.707 mW/g




0 dB = 0.710mW/g = -2.97 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 9/7/2012

## GSM1900

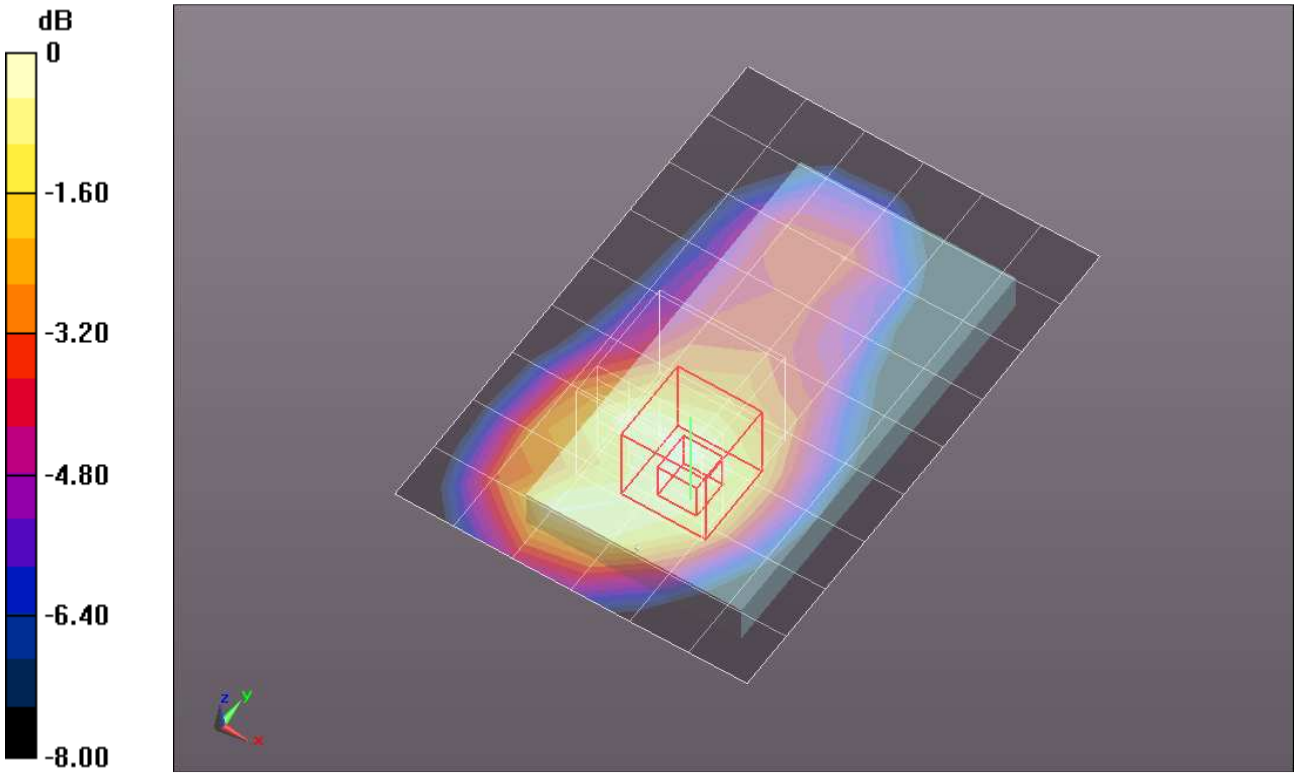
Frequency: 1880 MHz; Duty Cycle: 1:8.00018; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.505 mho/m; $\varepsilon_r$ = 52.358; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

### Body/Front/GMSK Voice/10mm/Ch 661/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.378 mW/g

### Body/Front/GMSK Voice/10mm/Ch 661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.026 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.5310
**SAR(1 g) = 0.331 mW/g; SAR(10 g) = 0.197 mW/g**
Maximum value of SAR (measured) = 0.403 mW/g




0 dB = 0.400mW/g = -7.96 dB mW/g

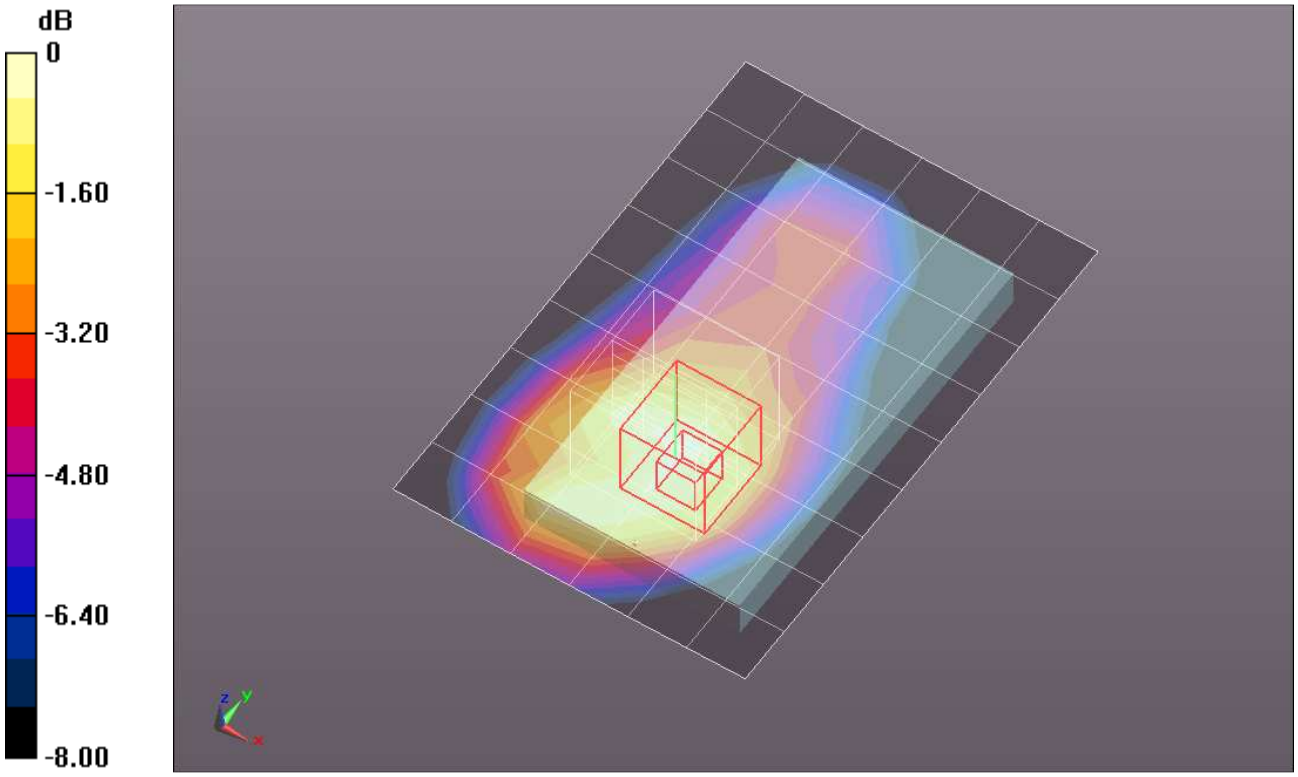
Test Laboratory: UL CCS SAR Lab B Date: 9/7/2012

## 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; $\sigma$ = 1.505 mho/m; $\varepsilon_r$ = 52.358; $\rho$ = 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 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Body/Front/GPRS 2 Slot/10mm/Ch 661/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.410 mW/g

**Body/Front/GPRS 2 Slot/10mm/Ch 661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.681 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.5690
**SAR(1 g) = 0.354 mW/g; SAR(10 g) = 0.212 mW/g**
Maximum value of SAR (measured) = 0.427 mW/g




0 dB = 0.430mW/g = -7.33 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 9/7/2012

## GSM1900

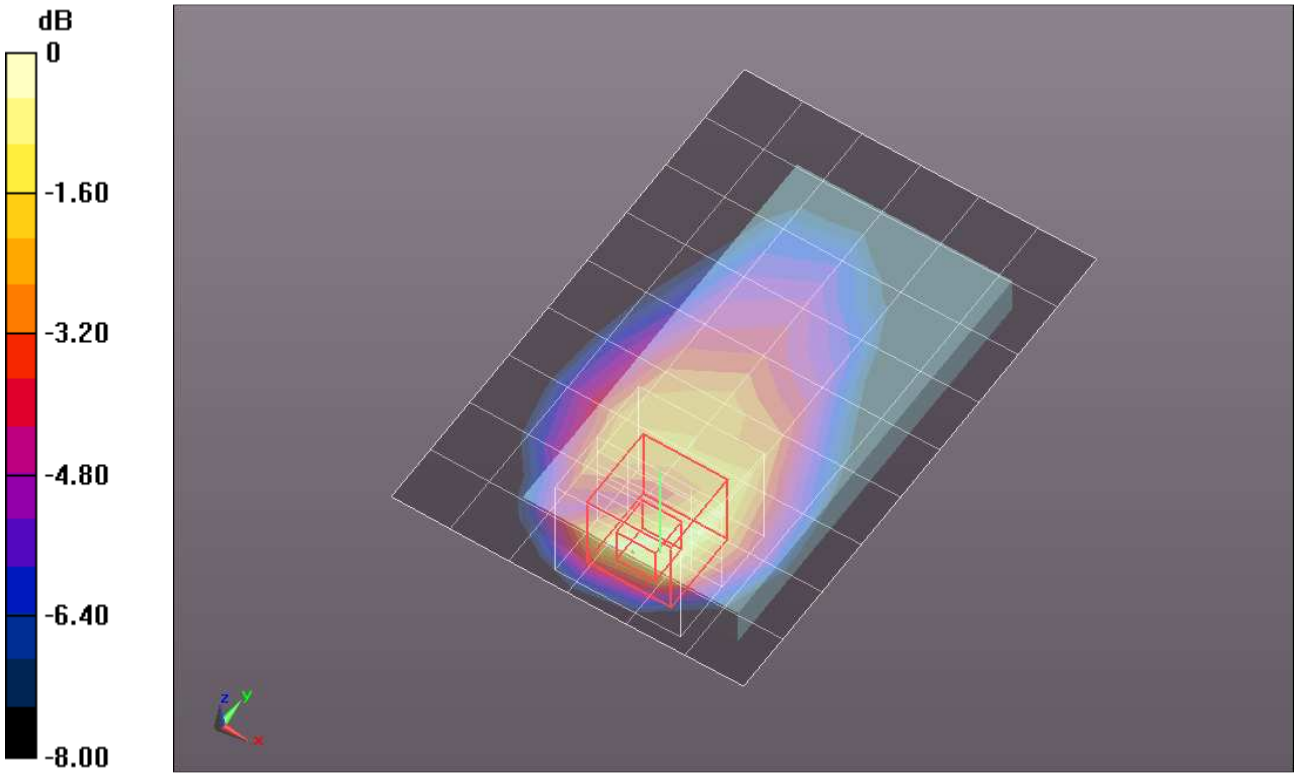
Frequency: 1880 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.505 mho/m; $\varepsilon_r$ = 52.358; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

### Body/Rear/GPRS 2 slot/10mm/Ch 661/Area Scan (7x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.598 mW/g

### Body/Rear/GPRS 2 slot/10mm/Ch 661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.119 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.9320
**SAR(1 g) = 0.569 mW/g; SAR(10 g) = 0.317 mW/g**
Maximum value of SAR (measured) = 0.735 mW/g



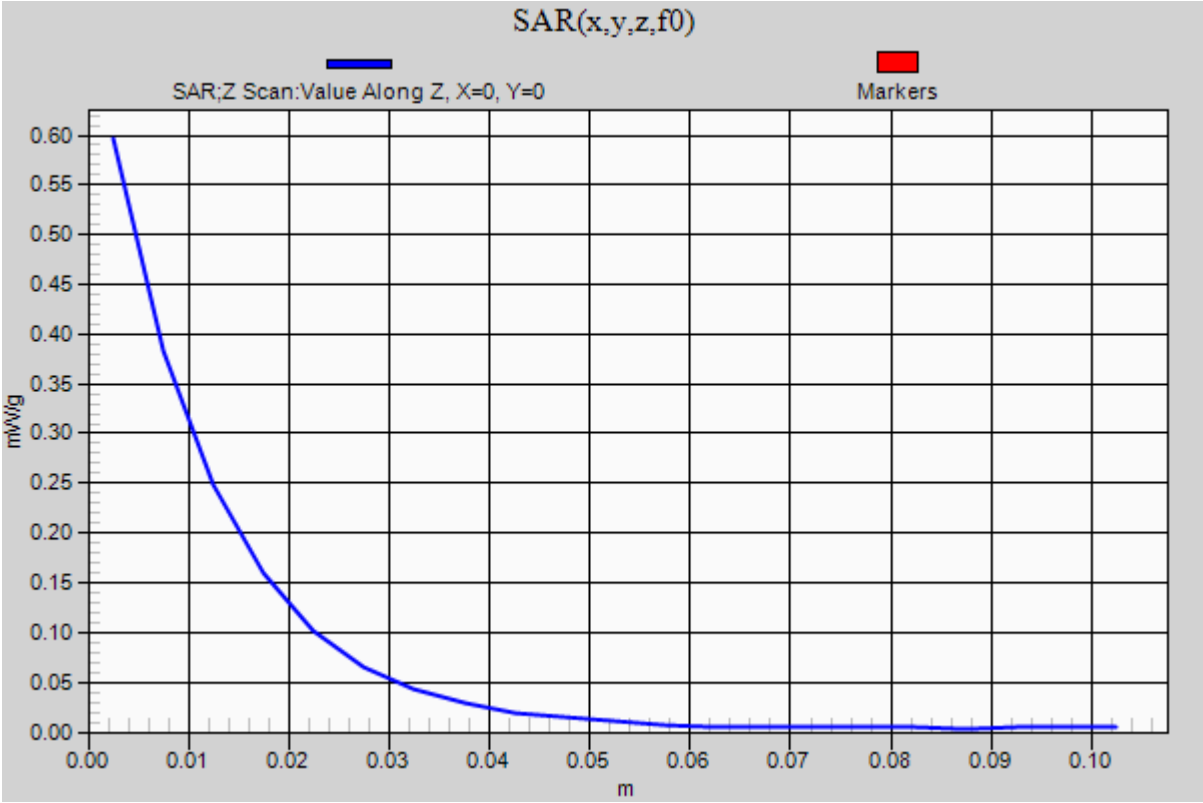

0 dB = 0.740mW/g = -2.62 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 9/7/2012

## GSM1900

Frequency: 1880 MHz; Duty Cycle: 1:4.00037

**Body/Rear/GPRS 2 slot/10mm/Ch 661/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.596 mW/g



Test Laboratory: UL CCS SAR Lab B Date: 9/7/2012

## GSM1900

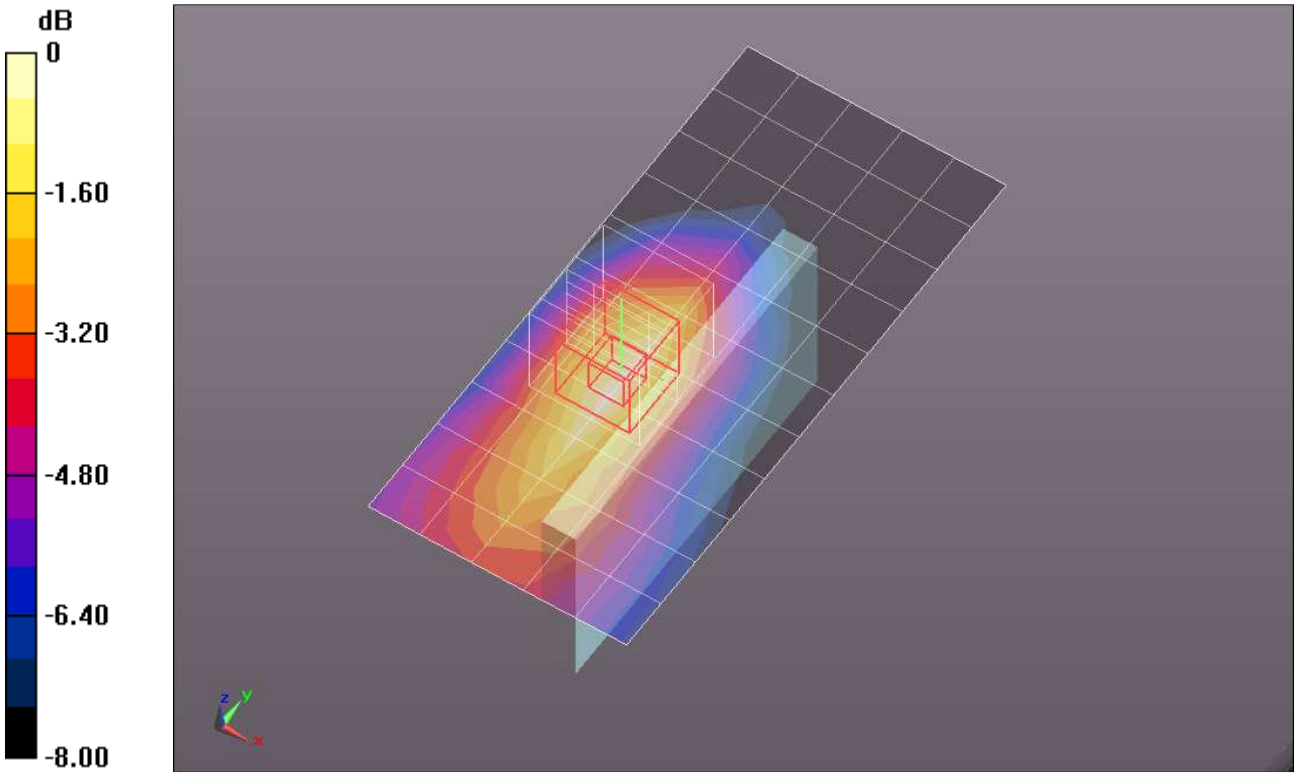
Frequency: 1880 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.505 mho/m; $\varepsilon_r$ = 52.358; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

### Body/Edge 2/GPRS 2 slot/10mm/Ch 661/Area Scan (6x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.107 mW/g

### Body/Edge 2/GPRS 2 slot/10mm/Ch 661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.480 V/m; Power Drift = 0.003 dB
Peak SAR (extrapolated) = 0.1380
**SAR(1 g) = 0.087 mW/g; SAR(10 g) = 0.053 mW/g**
Maximum value of SAR (measured) = 0.108 mW/g




0 dB = 0.110mW/g = -19.17 dB mW/g

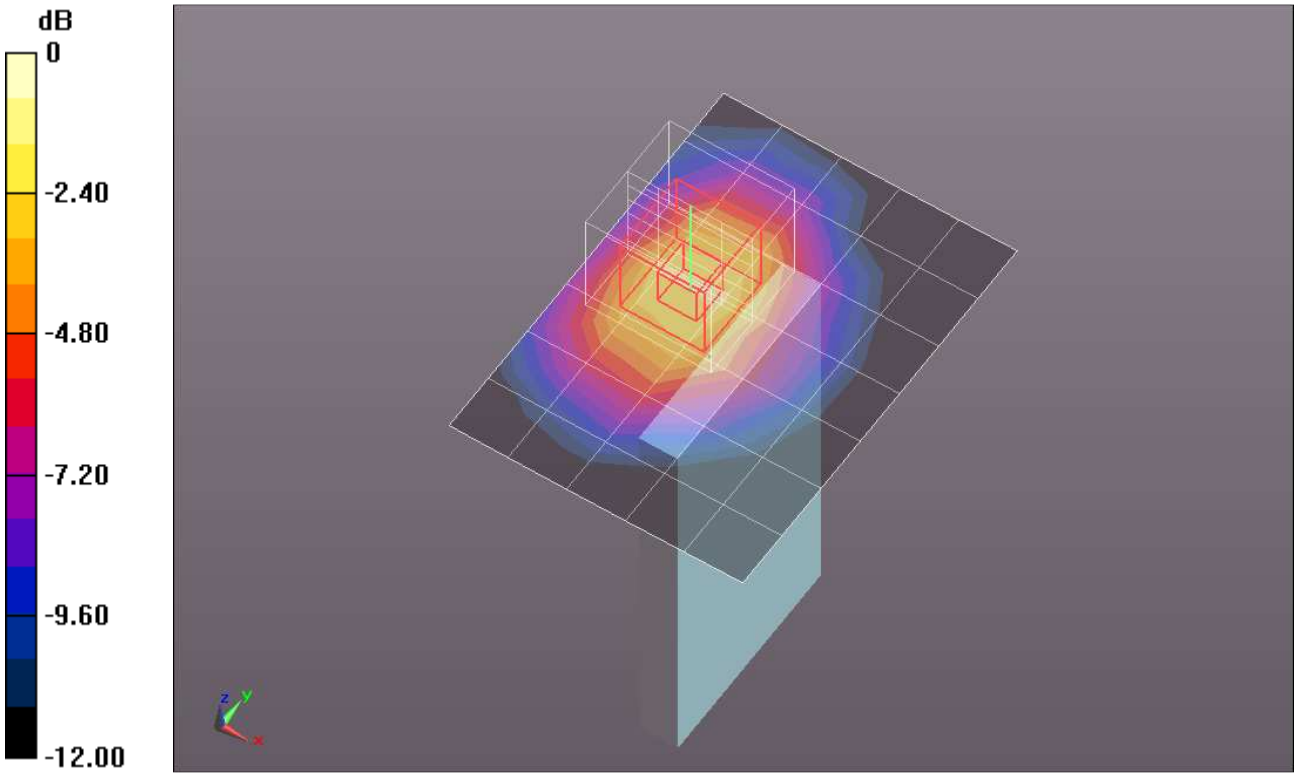
Test Laboratory: UL CCS SAR Lab B Date: 9/7/2012

## 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; $\sigma$ = 1.505 mho/m; $\varepsilon_r$ = 52.358; $\rho$ = 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 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Body/Edge 3/GPRS 2 slot/10mm/Ch 661/Area Scan (6x8x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.337 mW/g

**Body/Edge 3/GPRS 2 slot/10mm/Ch 661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.122 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.5780
**SAR(1 g) = 0.353 mW/g; SAR(10 g) = 0.197 mW/g**
Maximum value of SAR (measured) = 0.461 mW/g




0 dB = 0.460mW/g = -6.74 dB mW/g

Test Laboratory: UL CCS SAR Lab B Date: 9/7/2012

## GSM1900

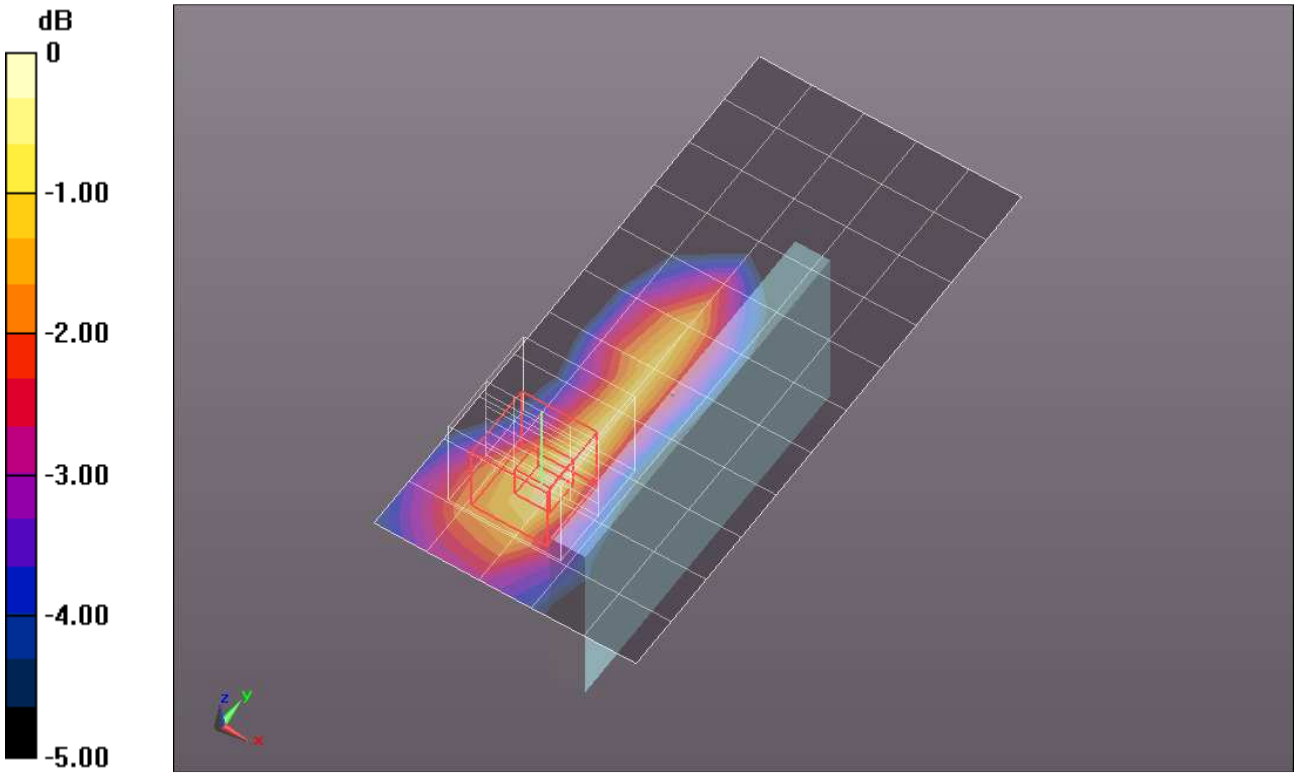
Frequency: 1880 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.505 mho/m; $\varepsilon_r$ = 52.358; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV4 - SN3686; ConvF(7.04, 7.04, 7.04); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

### Body/Edge 4/GPRS 2 slot/10mm/Ch 661/Area Scan (6x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.139 mW/g

### Body/Edge 4/GPRS 2 slot/10mm/Ch 661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.768 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.1870
**SAR(1 g) = 0.117 mW/g; SAR(10 g) = 0.071 mW/g**
Maximum value of SAR (measured) = 0.148 mW/g




0 dB = 0.150mW/g = -16.48 dB mW/g