## W-CDMA Band II

Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.412 mho/m; $\varepsilon_r$ = 40.194; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Electronics: DAE4 Sn1258; Calibrated: 3/8/2012
- Probe: EX3DV4 - SN3772; ConvF(7.59, 7.59, 7.59); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 (B); Type: QD000P40CD; Serial: 1628

### LHS/Touch_R99, ch 9400/Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

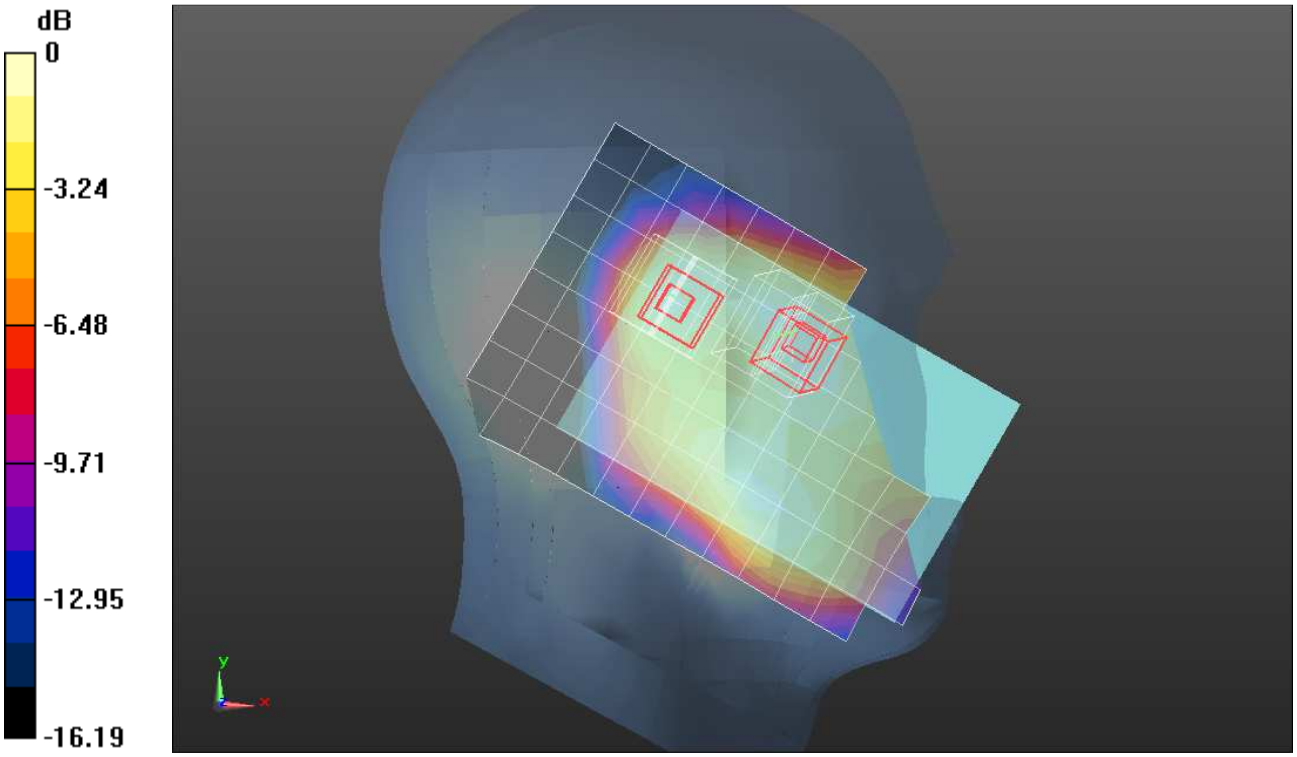
Maximum value of SAR (measured) = 0.199 mW/g

### LHS/Touch_R99, ch 9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.904 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.2420
**SAR(1 g) = 0.156 mW/g; SAR(10 g) = 0.097 mW/g**
Maximum value of SAR (measured) = 0.192 mW/g

### LHS/Touch_R99, ch 9400/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.904 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.2430
**SAR(1 g) = 0.163 mW/g; SAR(10 g) = 0.106 mW/g**
Maximum value of SAR (measured) = 0.196 mW/g




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

# W-CDMA Band II

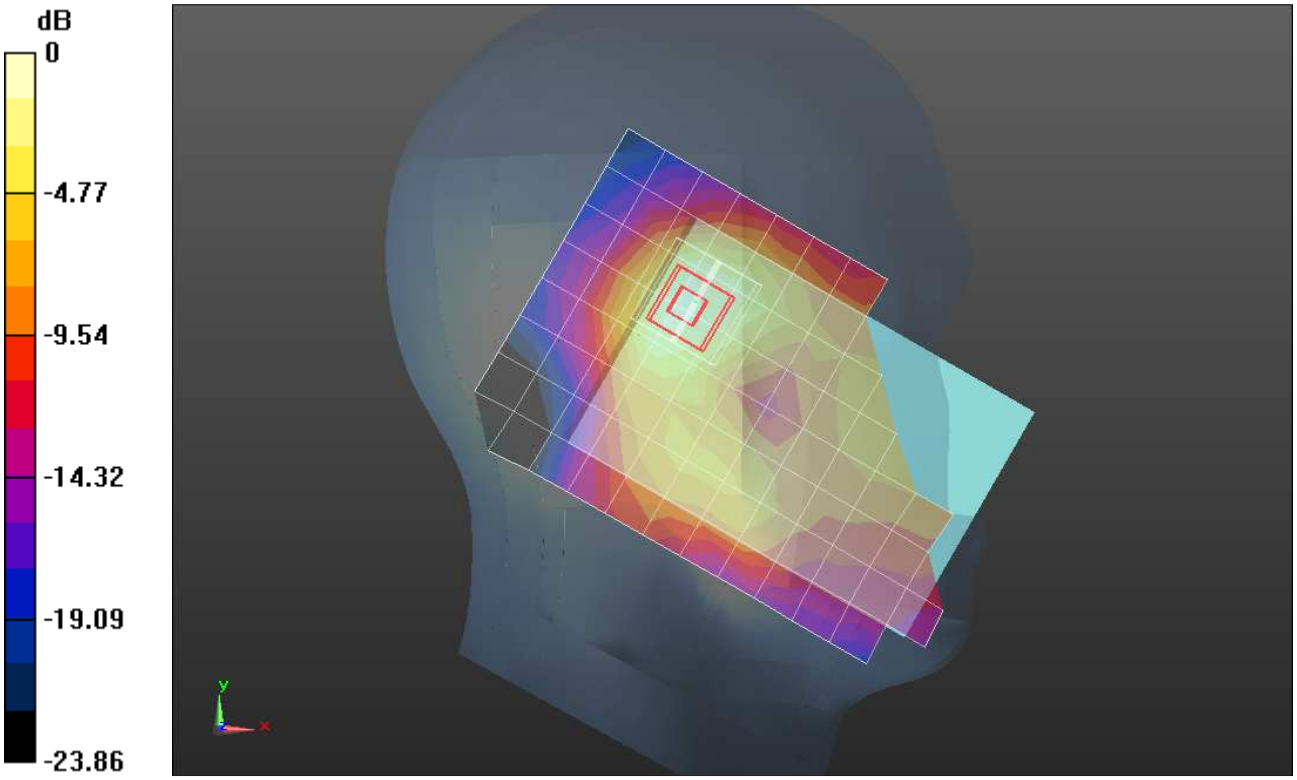
Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.412 mho/m; $\varepsilon_r$ = 40.194; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Electronics: DAE4 Sn1258; Calibrated: 3/8/2012
- Probe: EX3DV4 - SN3772; ConvF(7.59, 7.59, 7.59); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 (B); Type: QD000P40CD; Serial: 1628

## LHS/Tilt_R99, ch 9400/Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.257 mW/g

## LHS/Tilt_R99, ch 9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.627 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.3470
**SAR(1 g) = 0.213 mW/g; SAR(10 g) = 0.123 mW/g**
Maximum value of SAR (measured) = 0.267 mW/g




0 dB = 0.270mW/g = -11.37 dB mW/g

# W-CDMA Band II

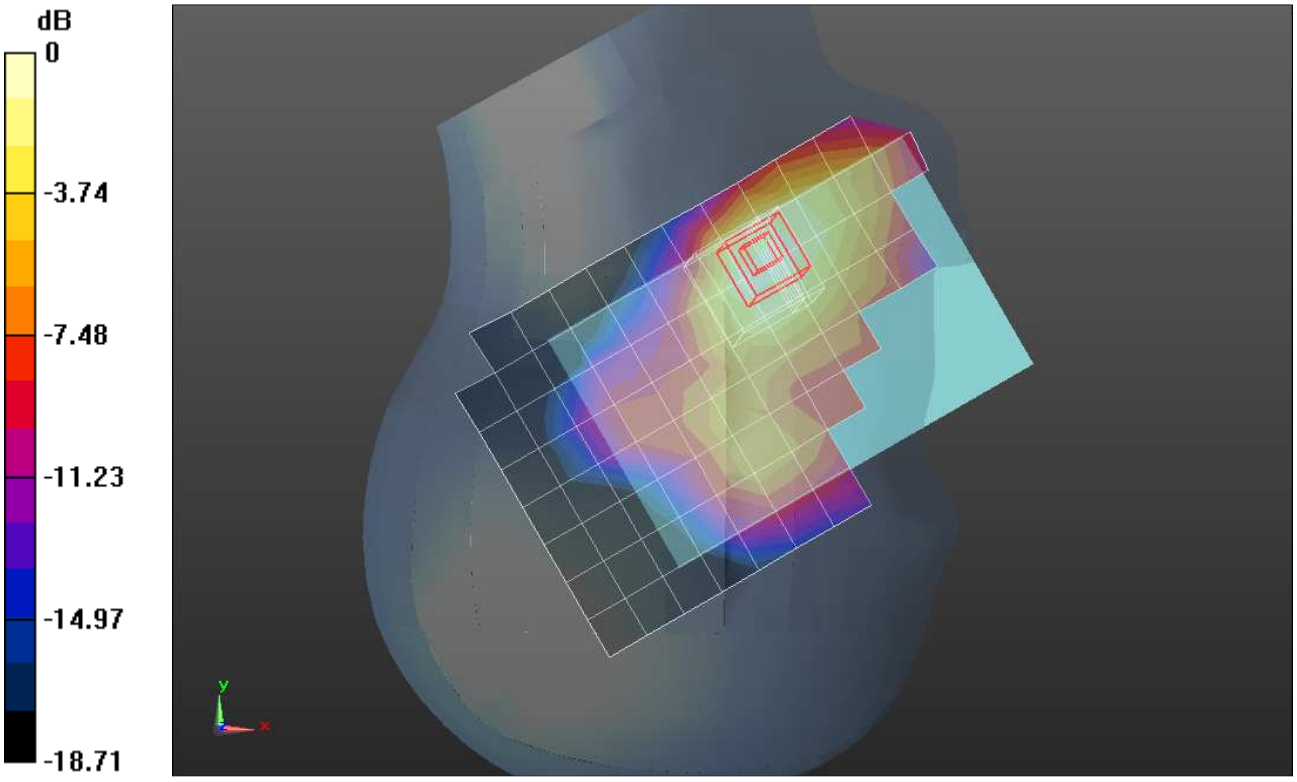
Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.412 mho/m; $\varepsilon_r$ = 40.194; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Electronics: DAE4 Sn1258; Calibrated: 3/8/2012
- Probe: EX3DV4 - SN3772; ConvF(7.59, 7.59, 7.59); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 (B); Type: QD000P40CD; Serial: 1628

## RHS/Touch_R99, ch 9400/Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.587 mW/g

## RHS/Touch_R99, ch 9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.169 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.7610
**SAR(1 g) = 0.522 mW/g; SAR(10 g) = 0.331 mW/g**
Maximum value of SAR (measured) = 0.613 mW/g



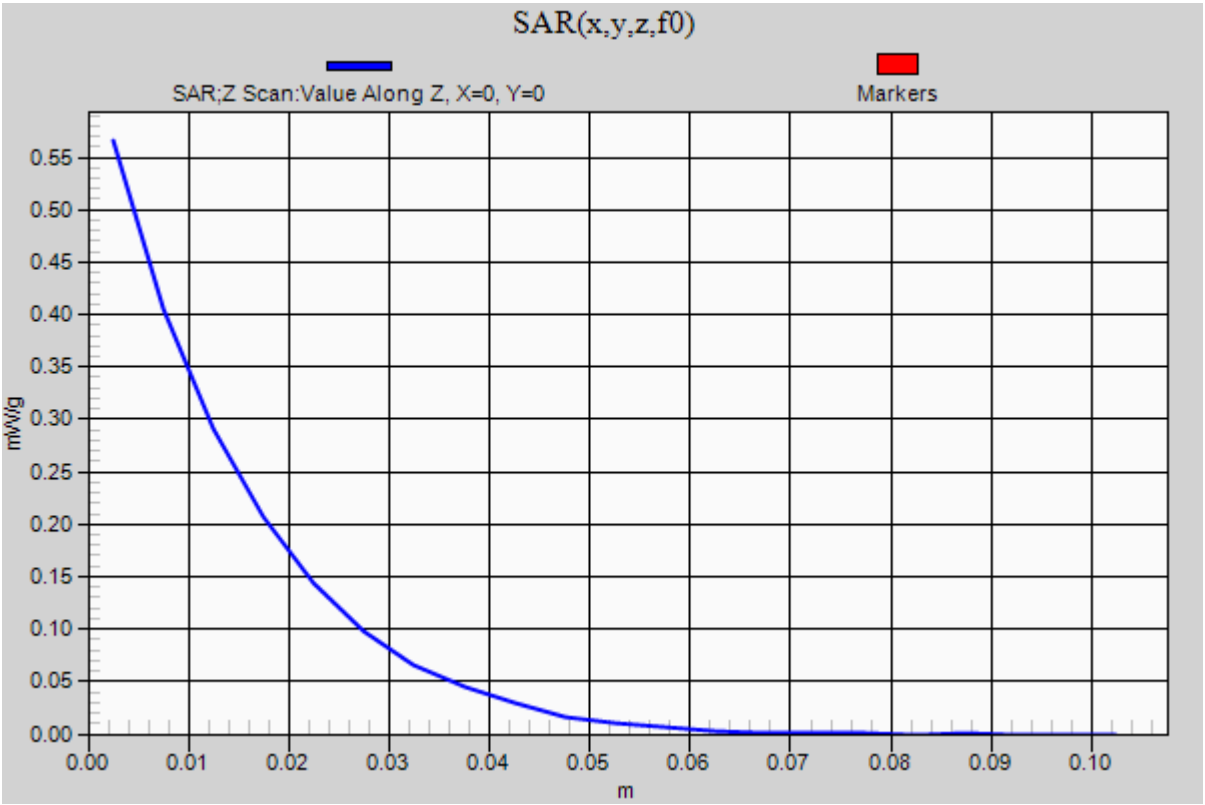

0 dB = 0.610mW/g = -4.29 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 6/5/2012

## W-CDMA Band II

Frequency: 1880 MHz; Duty Cycle: 1:1

**RHS/Touch_R99, ch 9400/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.566 mW/g



# W-CDMA Band II

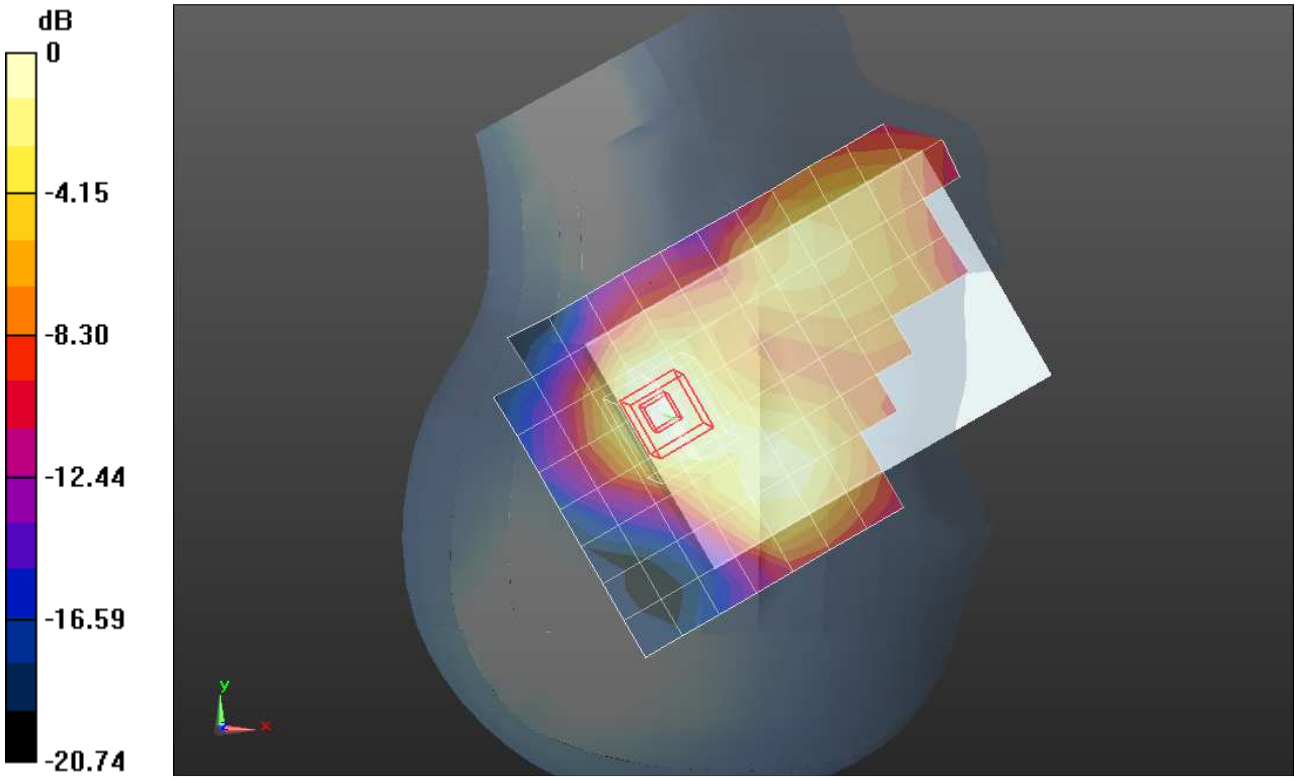
Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.412 mho/m; $\varepsilon_r$ = 40.194; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Electronics: DAE4 Sn1258; Calibrated: 3/8/2012
- Probe: EX3DV4 - SN3772; ConvF(7.59, 7.59, 7.59); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM v5.0 (B); Type: QD000P40CD; Serial: 1628

## RHS/Tilt_R99, ch 9400/Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.190 mW/g

## RHS/Tilt_R99, ch 9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.748 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.2450
**SAR(1 g) = 0.157 mW/g; SAR(10 g) = 0.094 mW/g**
Maximum value of SAR (measured) = 0.195 mW/g




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

# W-CDMA Band II

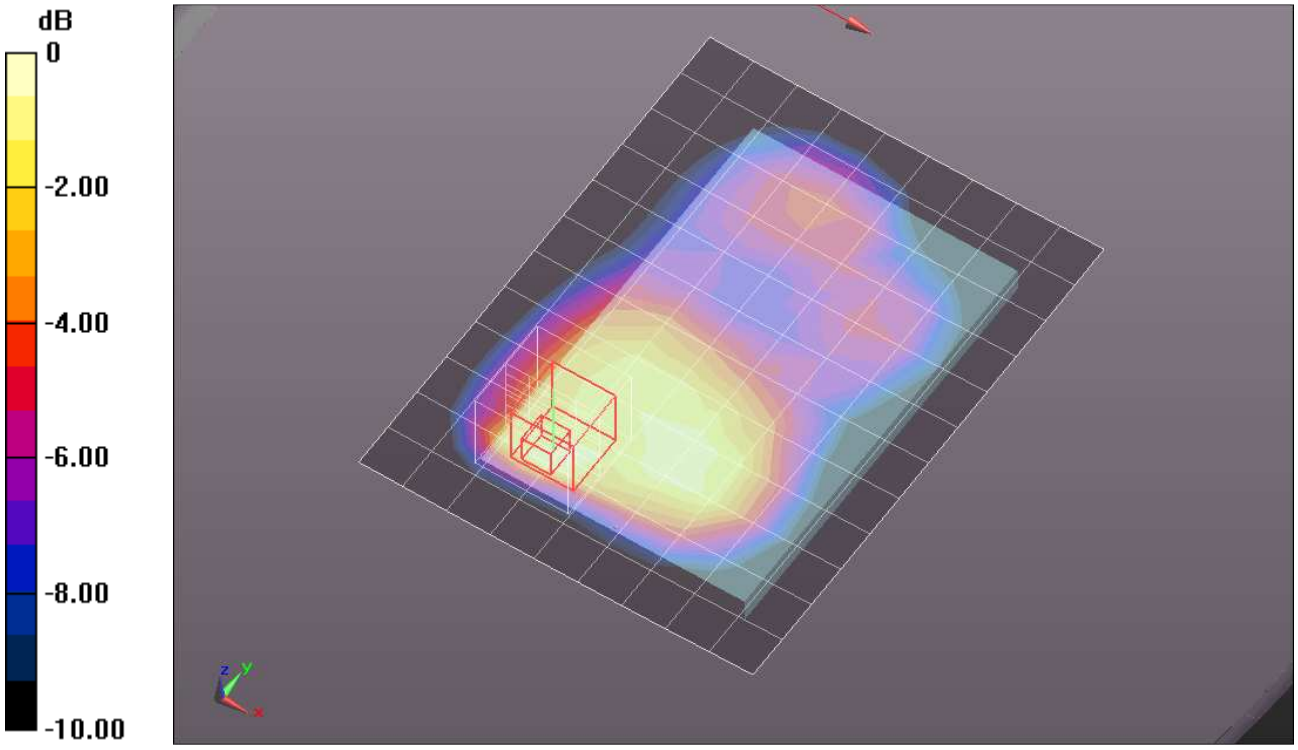
Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.496 mho/m; $\varepsilon_r$ = 52.23; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Electronics: DAE4 Sn1258; Calibrated: 3/8/2012
- Probe: EX3DV4 - SN3772; ConvF(7.23, 7.23, 7.23); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

## Rear/R99, ch 9400/Area Scan (10x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.570 mW/g

## Rear/R99, ch 9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.842 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.8500
**SAR(1 g) = 0.496 mW/g; SAR(10 g) = 0.278 mW/g**
Maximum value of SAR (measured) = 0.660 mW/g




0 dB = 0.660mW/g = -3.61 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 6/5/2012

## W-CDMA Band II

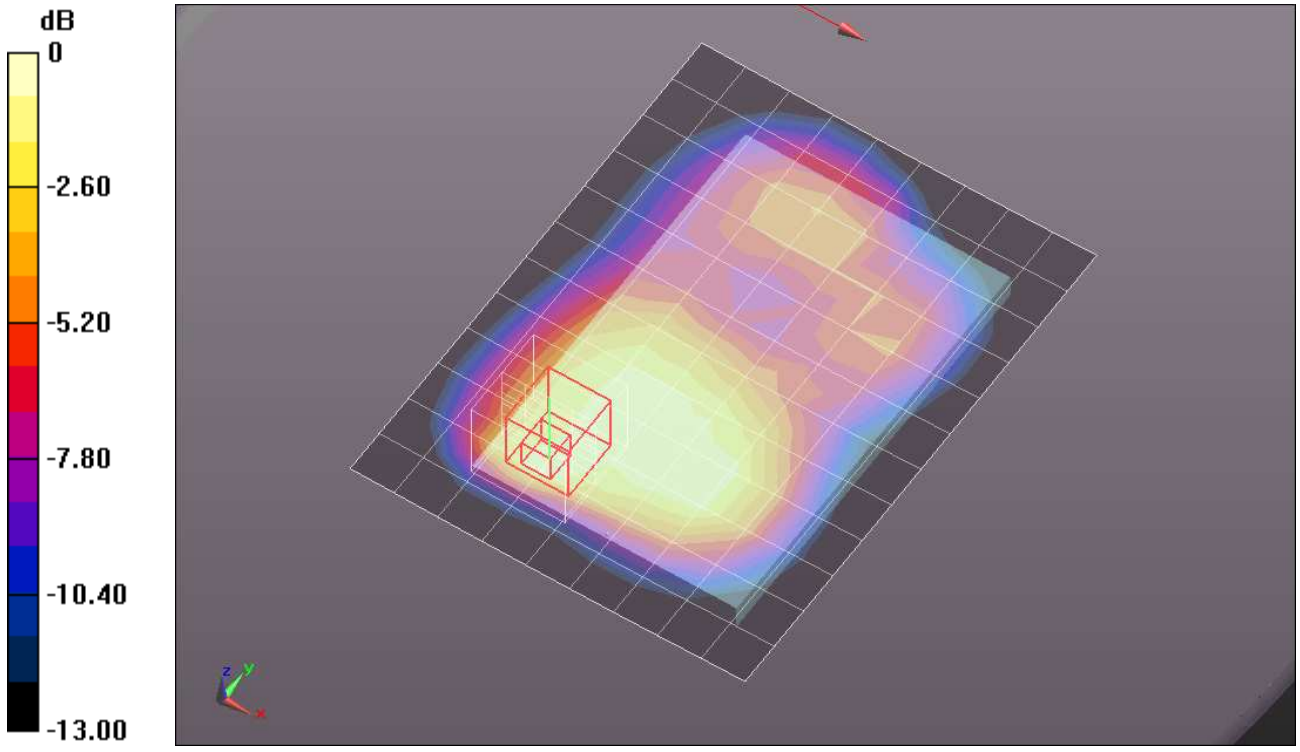
Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.496 mho/m; $\varepsilon_r$ = 52.23; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Electronics: DAE4 Sn1258; Calibrated: 3/8/2012
- Probe: EX3DV4 - SN3772; ConvF(7.23, 7.23, 7.23); Calibrated: 2/16/2012
- 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

### Rear/R99, ch 9400 w/headset/Area Scan (10x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.564 mW/g

### Rear/R99, ch 9400 w/headset/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.221 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.8650
**SAR(1 g) = 0.499 mW/g; SAR(10 g) = 0.280 mW/g**
Maximum value of SAR (measured) = 0.666 mW/g



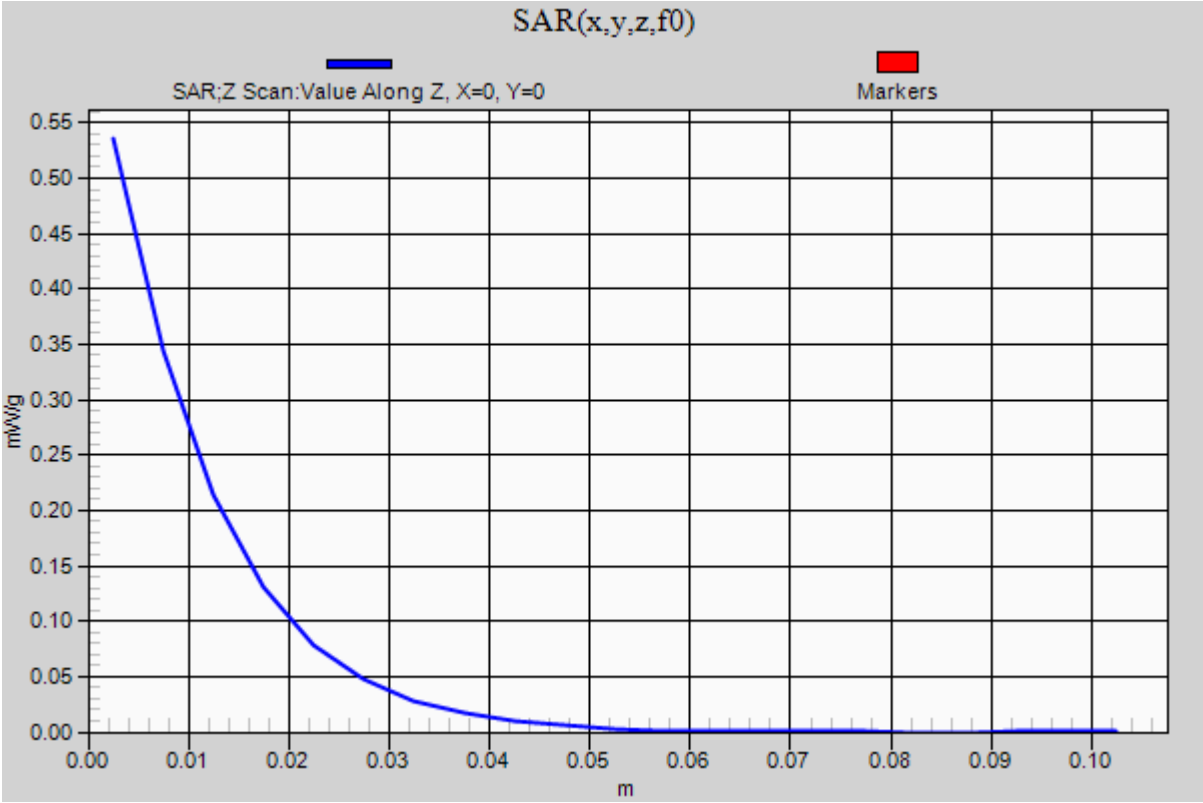

0 dB = 0.670mW/g = -3.48 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 6/5/2012

## W-CDMA Band II

Frequency: 1880 MHz; Duty Cycle: 1:1

**Rear/R99, ch 9400 w/headset/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm
Maximum value of SAR (measured) = 0.536 mW/g



Test Laboratory: UL CCS SAR Lab A Date: 6/5/2012

## W-CDMA Band II

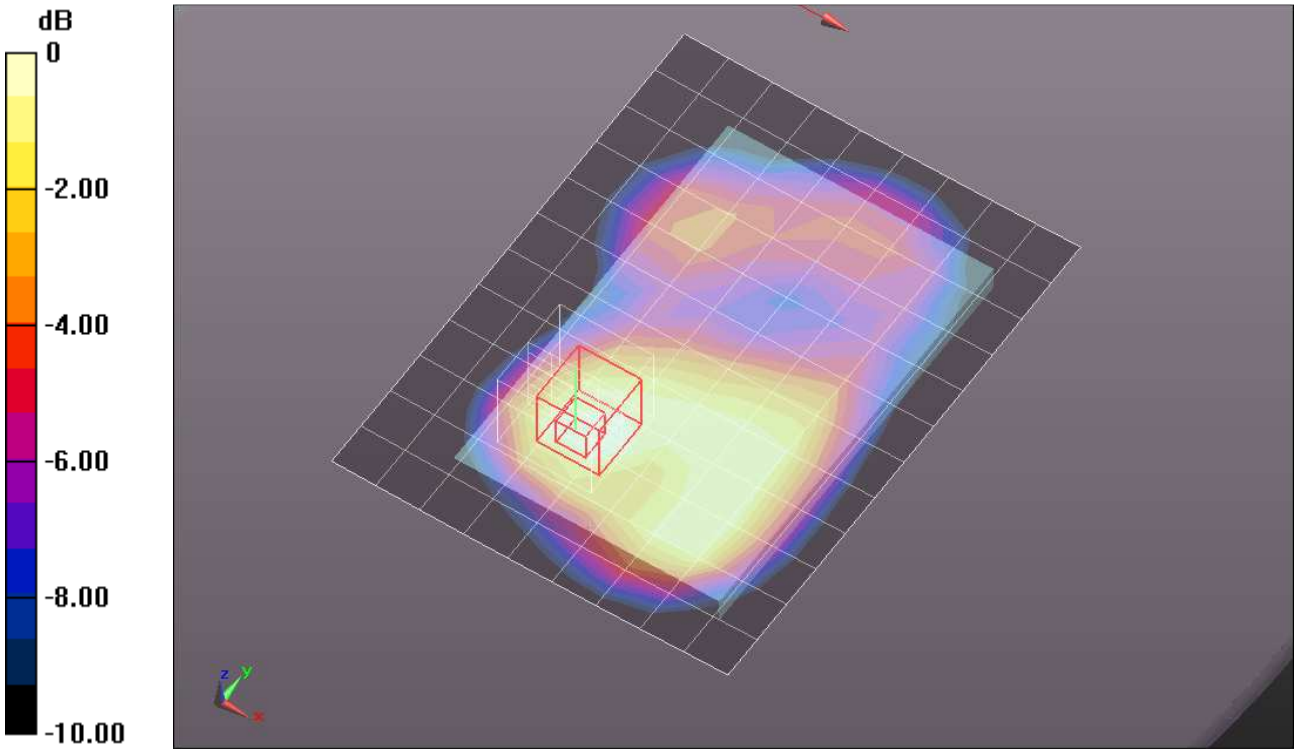
Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.496 mho/m; $\varepsilon_r$ = 52.23; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Electronics: DAE4 Sn1258; Calibrated: 3/8/2012
- Probe: EX3DV4 - SN3772; ConvF(7.23, 7.23, 7.23); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

### Front/R99, ch 9400/Area Scan (10x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.380 mW/g

### Front/R99, ch 9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.149 V/m; Power Drift = 0.0003 dB
Peak SAR (extrapolated) = 0.4990
**SAR(1 g) = 0.327 mW/g; SAR(10 g) = 0.208 mW/g**
Maximum value of SAR (measured) = 0.402 mW/g




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

Test Laboratory: UL CCS SAR Lab A Date: 6/5/2012

## W-CDMA Band II

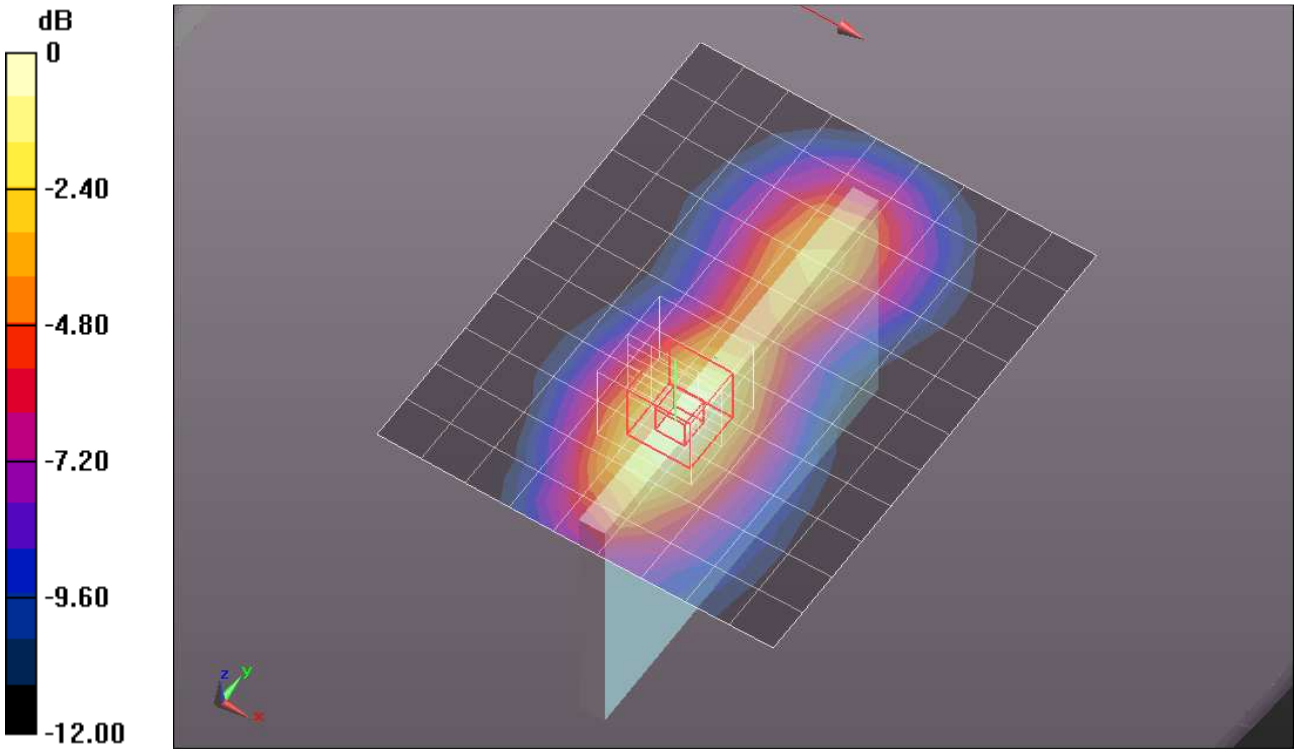
Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.496 mho/m; $\varepsilon_r$ = 52.23; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Electronics: DAE4 Sn1258; Calibrated: 3/8/2012
- Probe: EX3DV4 - SN3772; ConvF(7.23, 7.23, 7.23); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

### Edge 2/R99, ch 9400/Area Scan (10x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.288 mW/g

### Edge 2/R99, ch 9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.006 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.4280
**SAR(1 g) = 0.272 mW/g; SAR(10 g) = 0.163 mW/g**
Maximum value of SAR (measured) = 0.342 mW/g




0 dB = 0.340mW/g = -9.37 dB mW/g

Test Laboratory: UL CCS SAR Lab A Date: 6/5/2012

## W-CDMA Band II

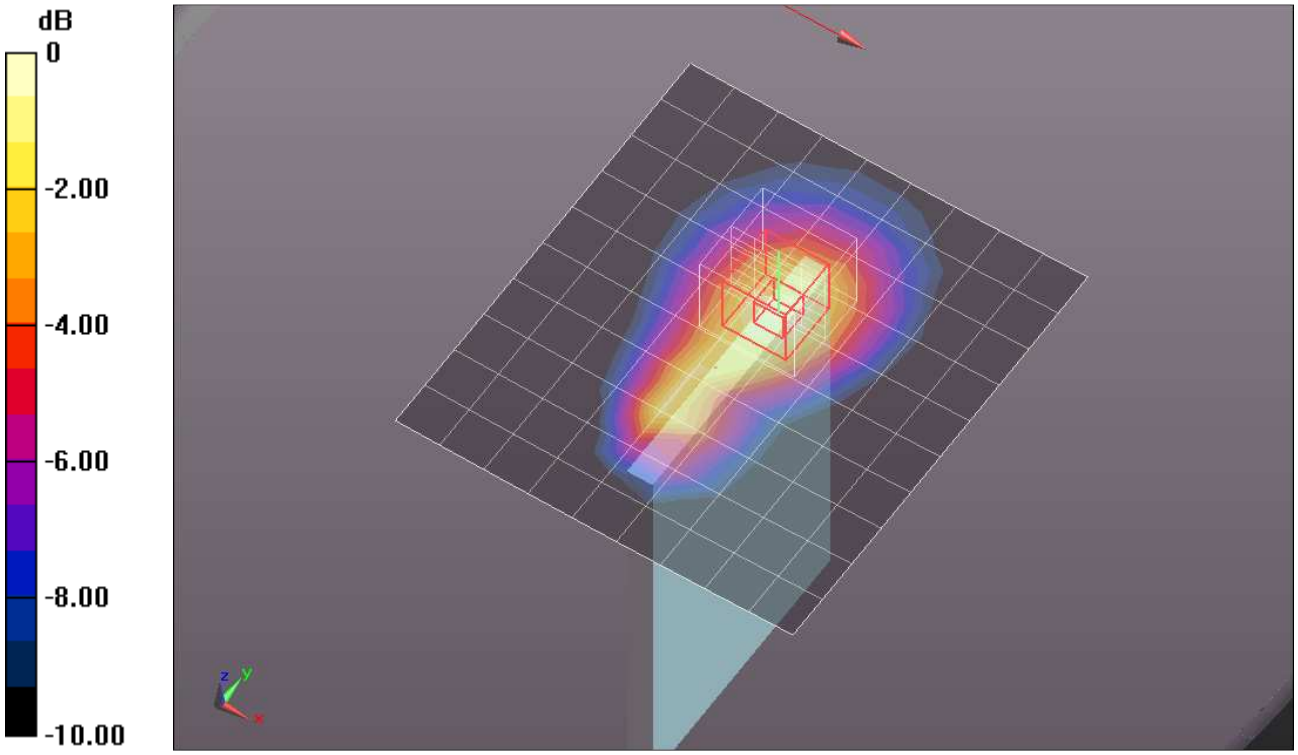
Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C
Medium parameters used: f = 1880 MHz; $\sigma$ = 1.496 mho/m; $\varepsilon_r$ = 52.23; $\rho$ = 1000 kg/m$^3$
DASY5 Configuration:
- Electronics: DAE4 Sn1258; Calibrated: 3/8/2012
- Probe: EX3DV4 - SN3772; ConvF(7.23, 7.23, 7.23); Calibrated: 2/16/2012
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1099

### Edge 3/R99, ch 9400/Area Scan (10x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.398 mW/g

### Edge 3/R99, ch 9400/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.501 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.5540
**SAR(1 g) = 0.358 mW/g; SAR(10 g) = 0.218 mW/g**
Maximum value of SAR (measured) = 0.447 mW/g




0 dB = 0.450mW/g = -6.94 dB mW/g