

## GSM 1900

Frequency: 1850.2 MHz; Duty Cycle: 1:8.30042; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 1850.2$  MHz;  $\sigma = 1.38$  mho/m;  $\epsilon_r = 40.534$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE3 Sn500; Calibrated: 7/14/2011
- Probe: EX3DV4 - SN3751; ConvF(7.33, 7.33, 7.33); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Left Touch/GSM Ch-512/Area Scan (9x12x1):** Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.988 mW/g

**Left Touch/GSM Ch-512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

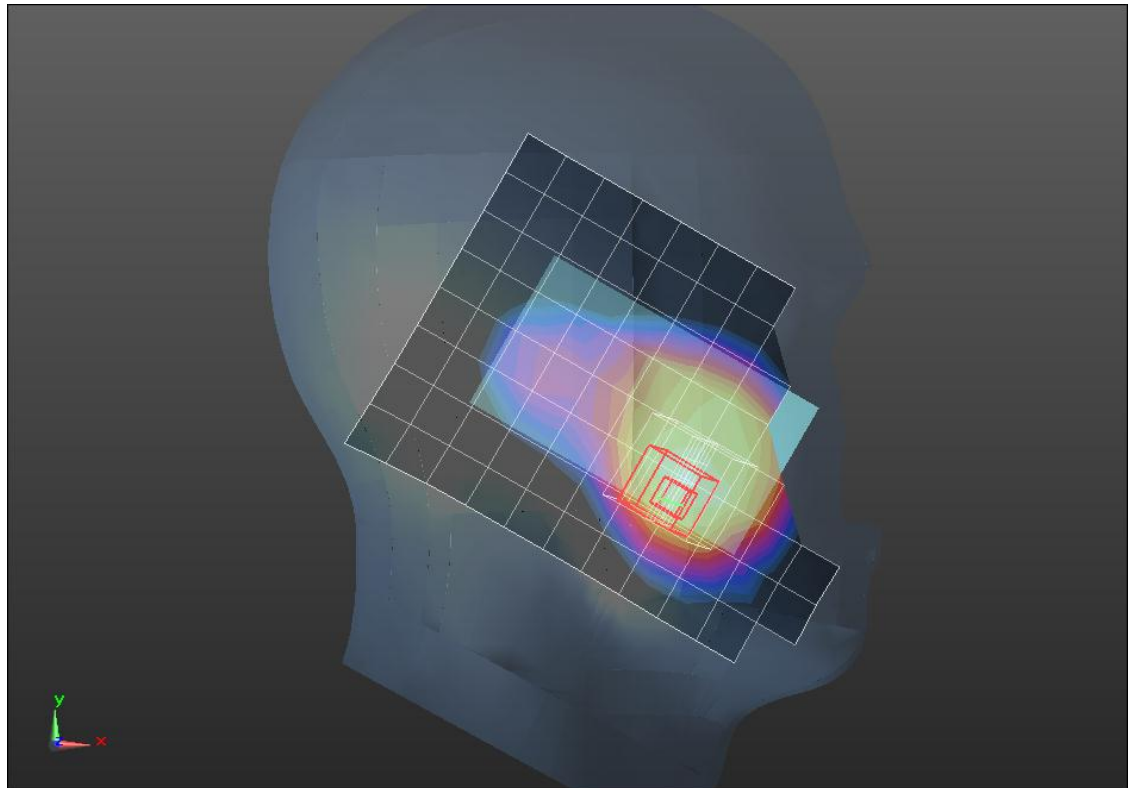
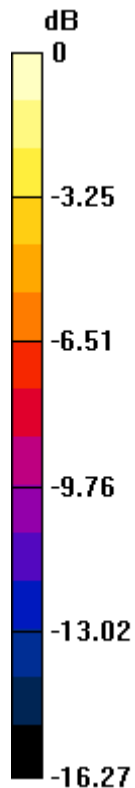
Reference Value = 24.783 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.4790

**SAR(1 g) = 0.874 mW/g; SAR(10 g) = 0.466 mW/g**

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 1.127 mW/g



0 dB = 1.130mW/g = 1.06 dB mW/g

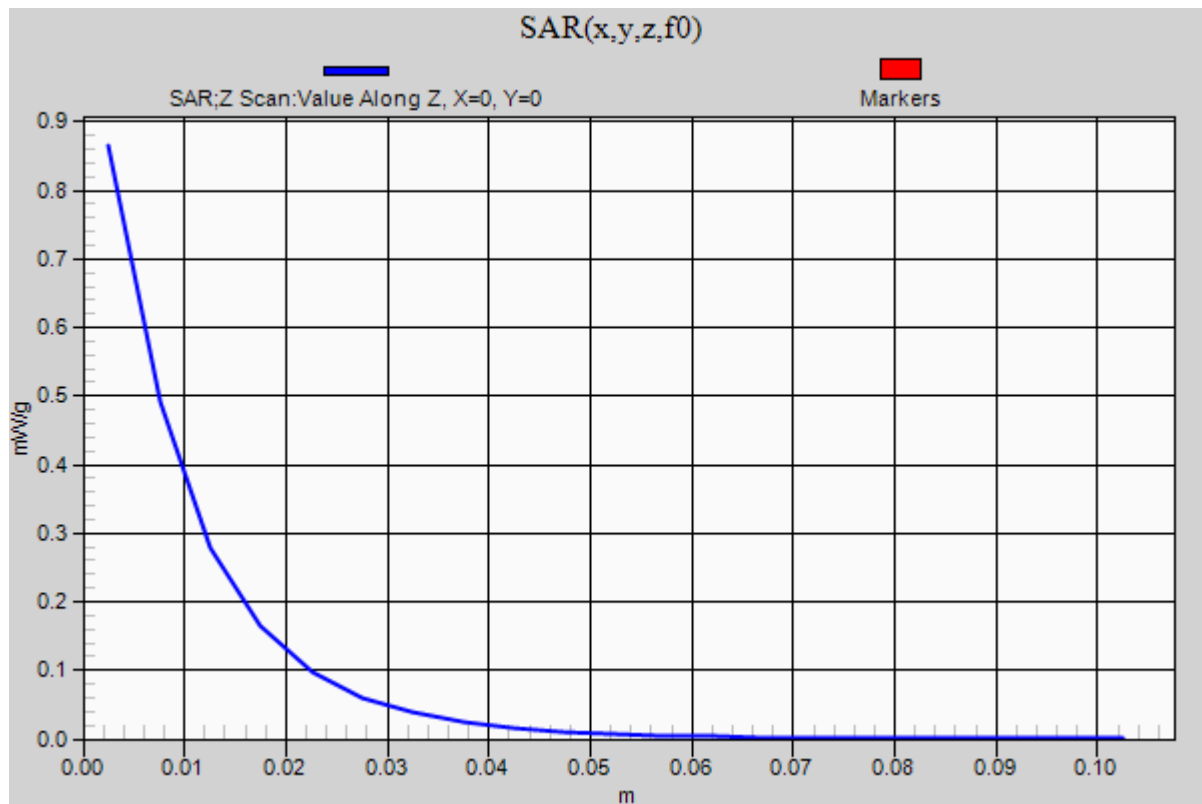
## GSM 1900

Frequency: 1850.2 MHz; Duty Cycle: 1:8.30042

**Left Touch/GSM Ch-512/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.865 mW/g



## GSM 1900

Frequency: 1880 MHz; Duty Cycle: 1:8.30042; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 40.406$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE3 Sn500; Calibrated: 7/14/2011
- Probe: EX3DV4 - SN3751; ConvF(7.33, 7.33, 7.33); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Left Touch/GSM Ch-661/Area Scan (9x12x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.054 mW/g

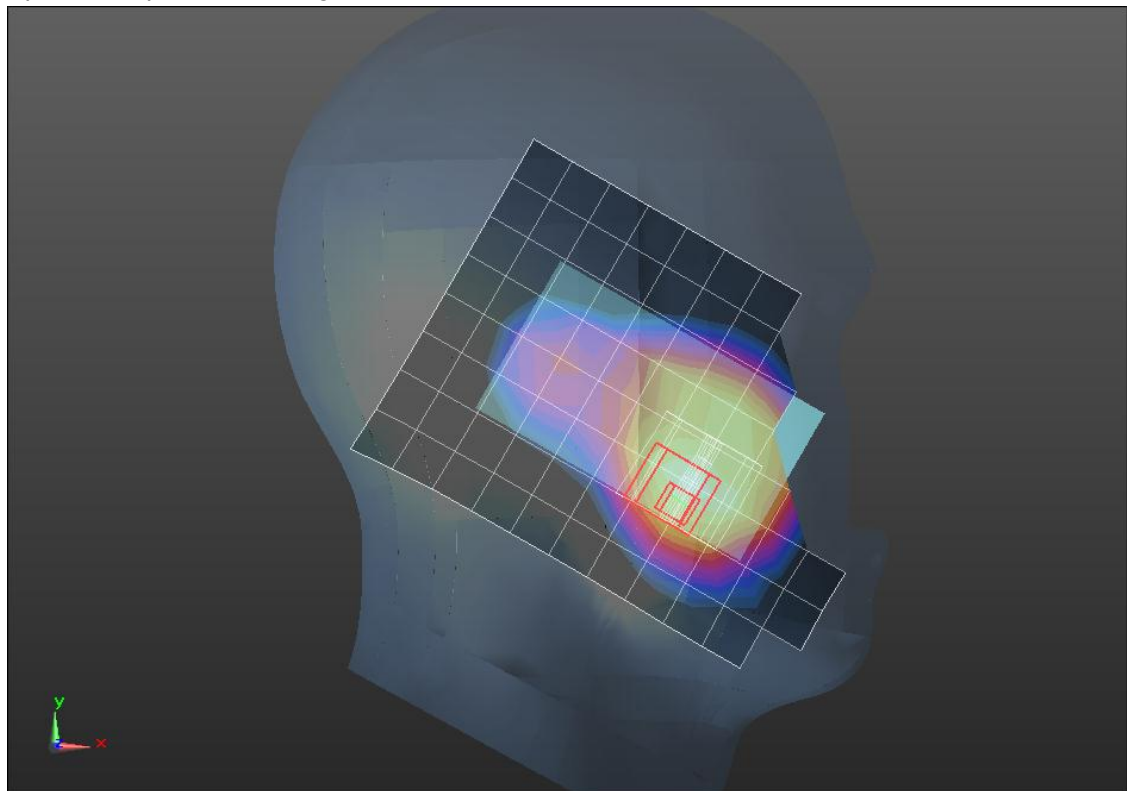
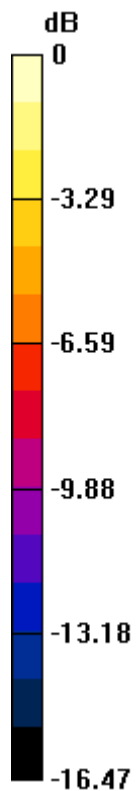
**Left Touch/GSM Ch-661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.187 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.4440

**SAR(1 g) = 0.849 mW/g; SAR(10 g) = 0.442 mW/g**

Maximum value of SAR (measured) = 1.112 mW/g



0 dB = 1.110mW/g = 0.91 dB mW/g

## GSM 1900

Frequency: 1909.8 MHz; Duty Cycle: 1:8.30042; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.441$  mho/m;  $\epsilon_r = 40.282$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE3 Sn500; Calibrated: 7/14/2011
- Probe: EX3DV4 - SN3751; ConvF(7.33, 7.33, 7.33); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Left Touch/GSM Ch-810/Area Scan (9x12x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.870 mW/g

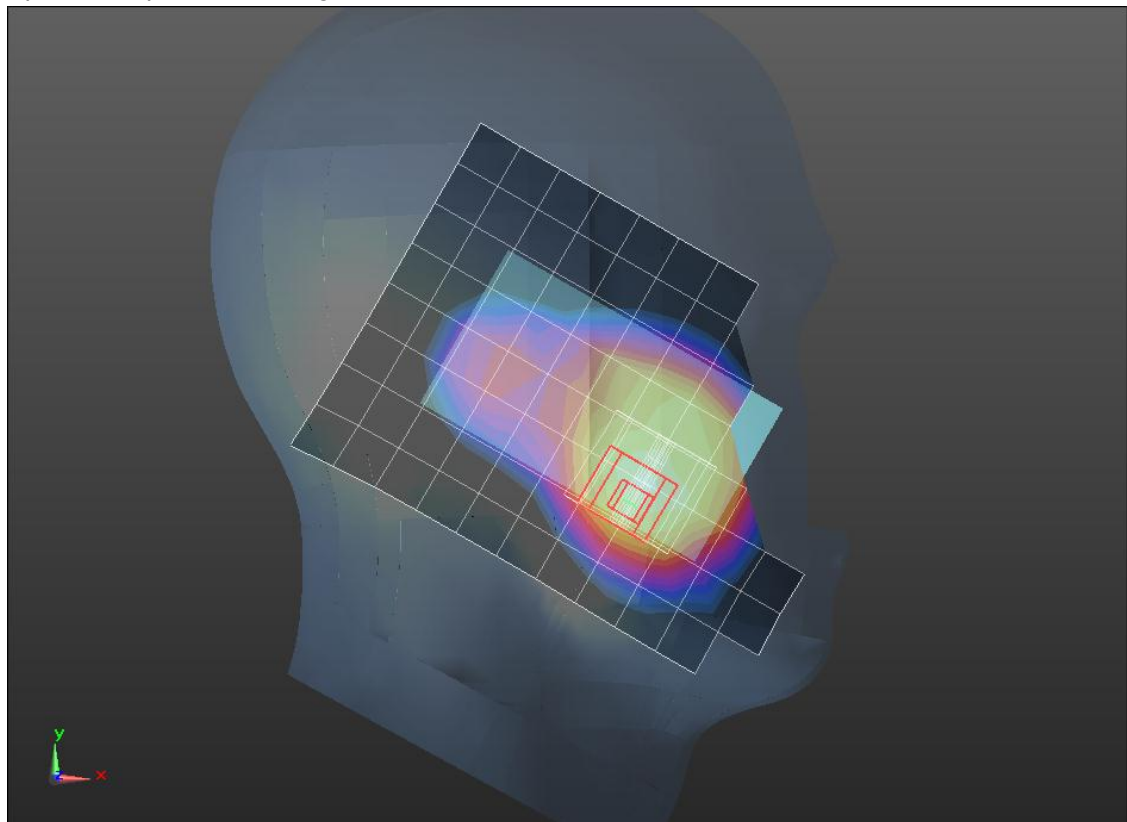
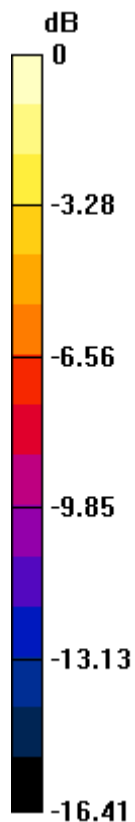
**Left Touch/GSM Ch-810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.877 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.2930

**SAR(1 g) = 0.756 mW/g; SAR(10 g) = 0.403 mW/g**

Maximum value of SAR (measured) = 0.989 mW/g



0 dB = 0.990mW/g = -0.09 dB mW/g

## GSM 1900

Frequency: 1880 MHz; Duty Cycle: 1:8.30042; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 40.406$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE3 Sn500; Calibrated: 7/14/2011
- Probe: EX3DV4 - SN3751; ConvF(7.33, 7.33, 7.33); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Left Tilt/GSM Ch-661/Area Scan (9x12x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.191 mW/g

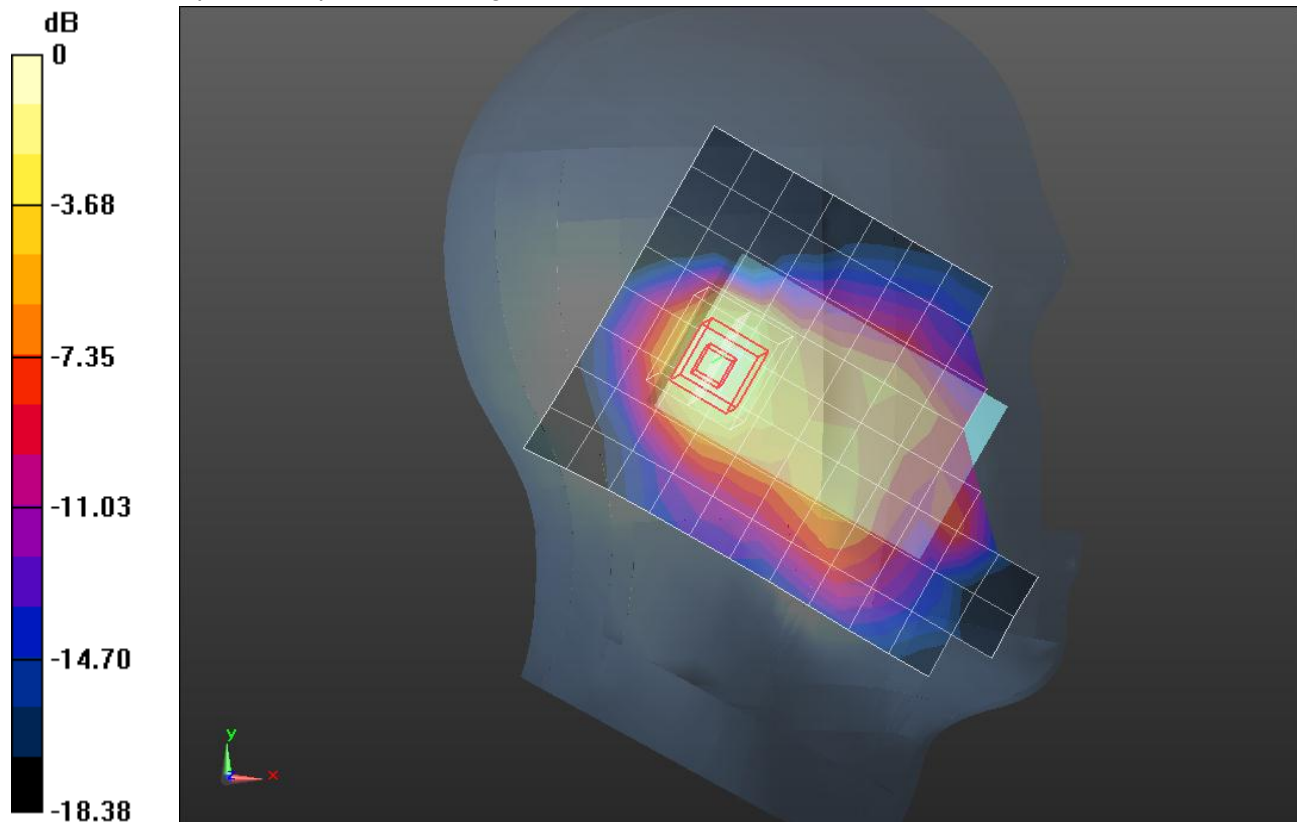
**Left Tilt/GSM Ch-661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.949 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.3100

**SAR(1 g) = 0.185 mW/g; SAR(10 g) = 0.105 mW/g**

Maximum value of SAR (measured) = 0.239 mW/g



0 dB = 0.240mW/g = -12.40 dB mW/g

## GSM 1900

Frequency: 1880 MHz; Duty Cycle: 1:8.30042; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 40.406$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE3 Sn500; Calibrated: 7/14/2011
- Probe: EX3DV4 - SN3751; ConvF(7.33, 7.33, 7.33); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1632

**Right Touch/GSM Ch-661/Area Scan (9x12x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.571 mW/g

**Right Touch/GSM Ch-661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.226 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.8160

**SAR(1 g) = 0.493 mW/g; SAR(10 g) = 0.268 mW/g**

Maximum value of SAR (measured) = 0.628 mW/g

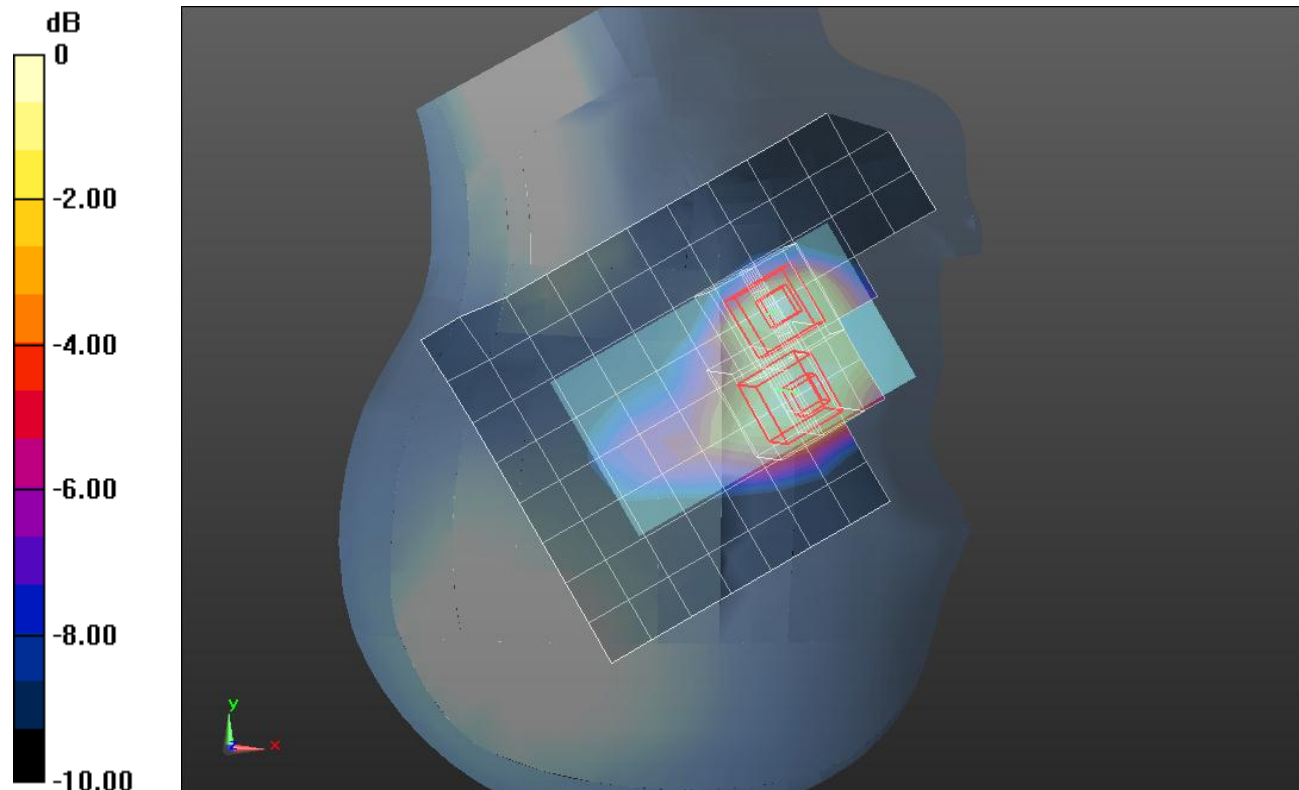
**Right Touch/GSM Ch-661/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.226 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.7970

**SAR(1 g) = 0.479 mW/g; SAR(10 g) = 0.274 mW/g**

Maximum value of SAR (measured) = 0.592 mW/g



0 dB = 0.590mW/g = -4.58 dB mW/g

## GSM 1900

Frequency: 1880 MHz; Duty Cycle: 1:8.30042; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 40.406$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE3 Sn500; Calibrated: 7/14/2011
- Probe: EX3DV4 - SN3751; ConvF(7.33, 7.33, 7.33); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: SAM; Type: QD000P40CD; Serial: 1629

**Right Tilt/GSM Ch-661/Area Scan (9x12x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.191 mW/g

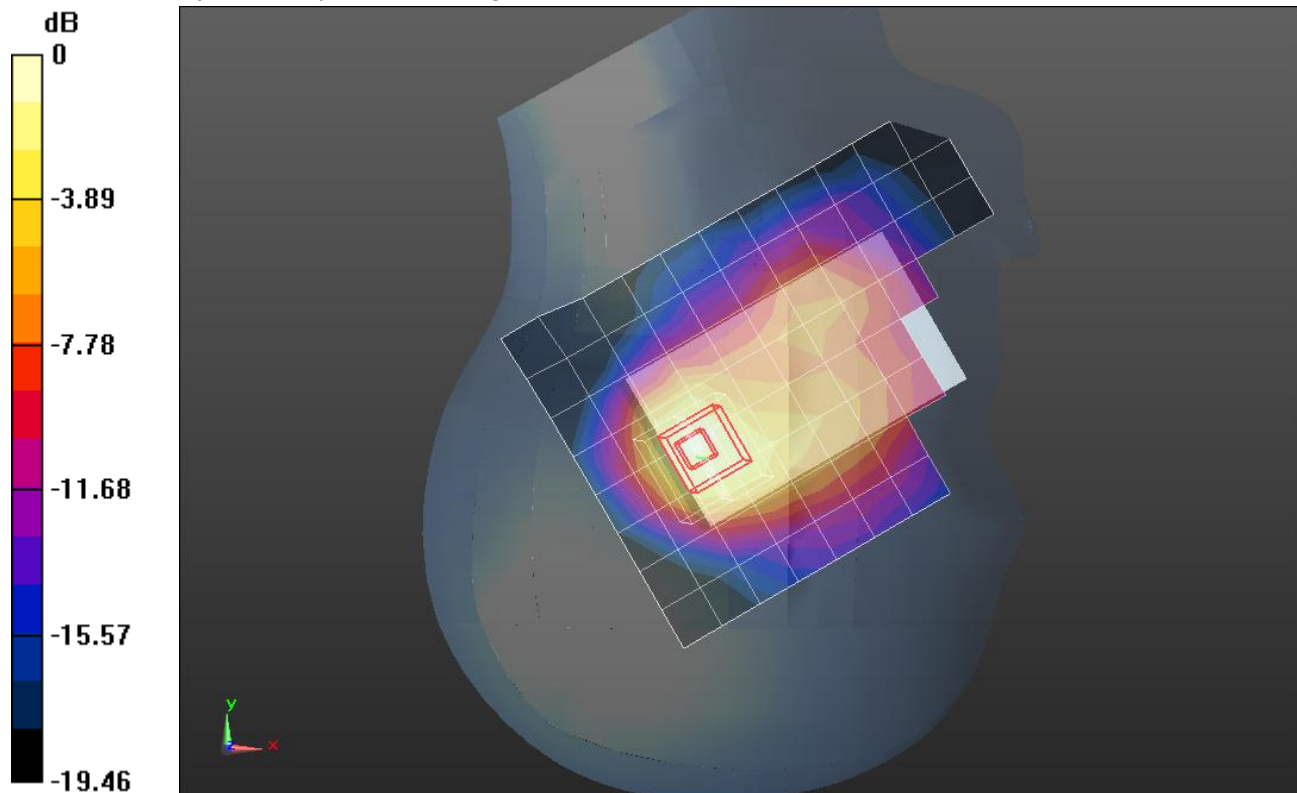
**Right Tilt/GSM Ch-661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.996 V/m; Power Drift = -0.005 dB

Peak SAR (extrapolated) = 0.3280

**SAR(1 g) = 0.194 mW/g; SAR(10 g) = 0.110 mW/g**

Maximum value of SAR (measured) = 0.247 mW/g



0 dB = 0.250mW/g = -12.04 dB mW/g

## GSM 1900

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;  $\sigma = 1.478$  mho/m;  $\epsilon_r = 51.619$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV3 - SN3531; ConvF(7.91, 7.91, 7.91); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Rear/Ch 661/Area Scan (10x12x1):** Measurement grid: dx=15mm, dy=15mm

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

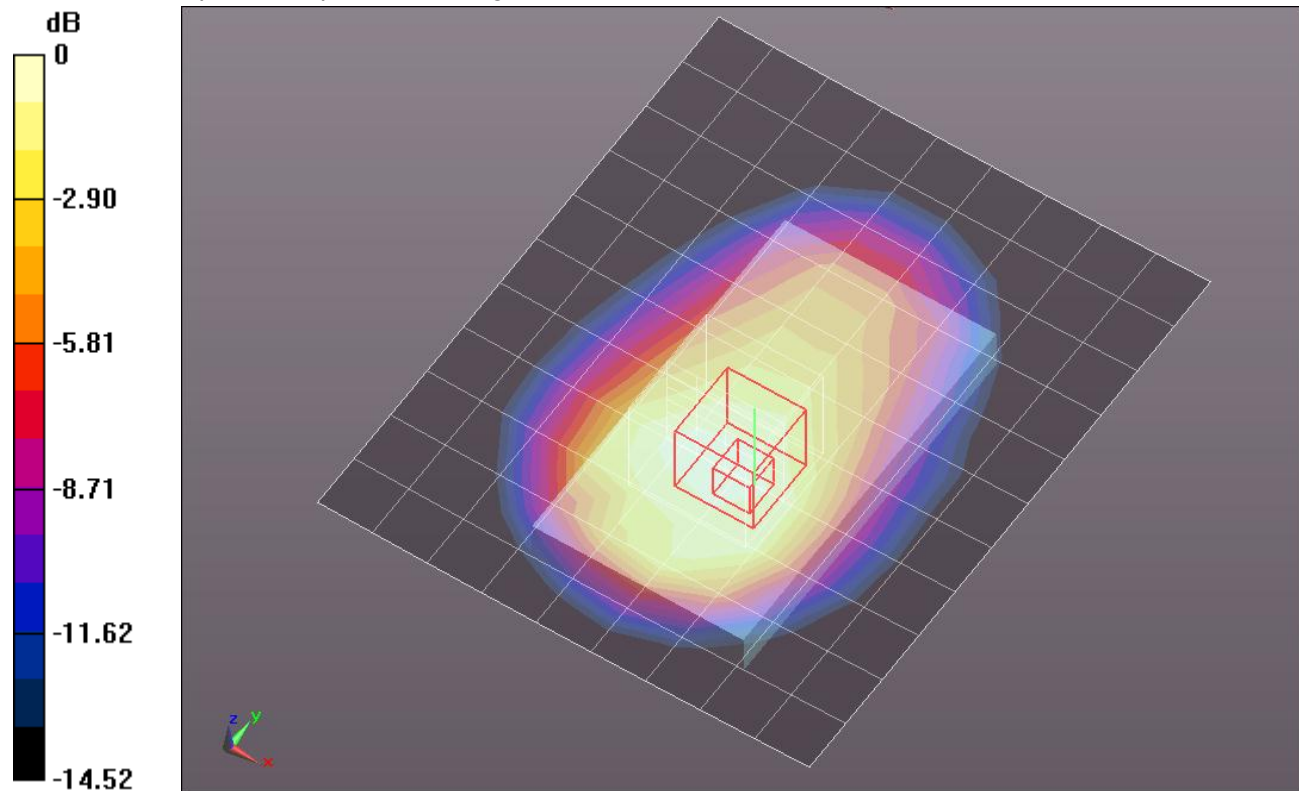
**Rear/Ch 661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.327 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.9310

**SAR(1 g) = 0.572 mW/g; SAR(10 g) = 0.347 mW/g**

Maximum value of SAR (measured) = 0.709 mW/g



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

## GSM 1900

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;  $\sigma = 1.478$  mho/m;  $\epsilon_r = 51.619$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV3 - SN3531; ConvF(7.91, 7.91, 7.91); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Rear/Ch 661\_w/Headset/Area Scan (10x12x1):** Measurement grid: dx=15mm, dy=15mm

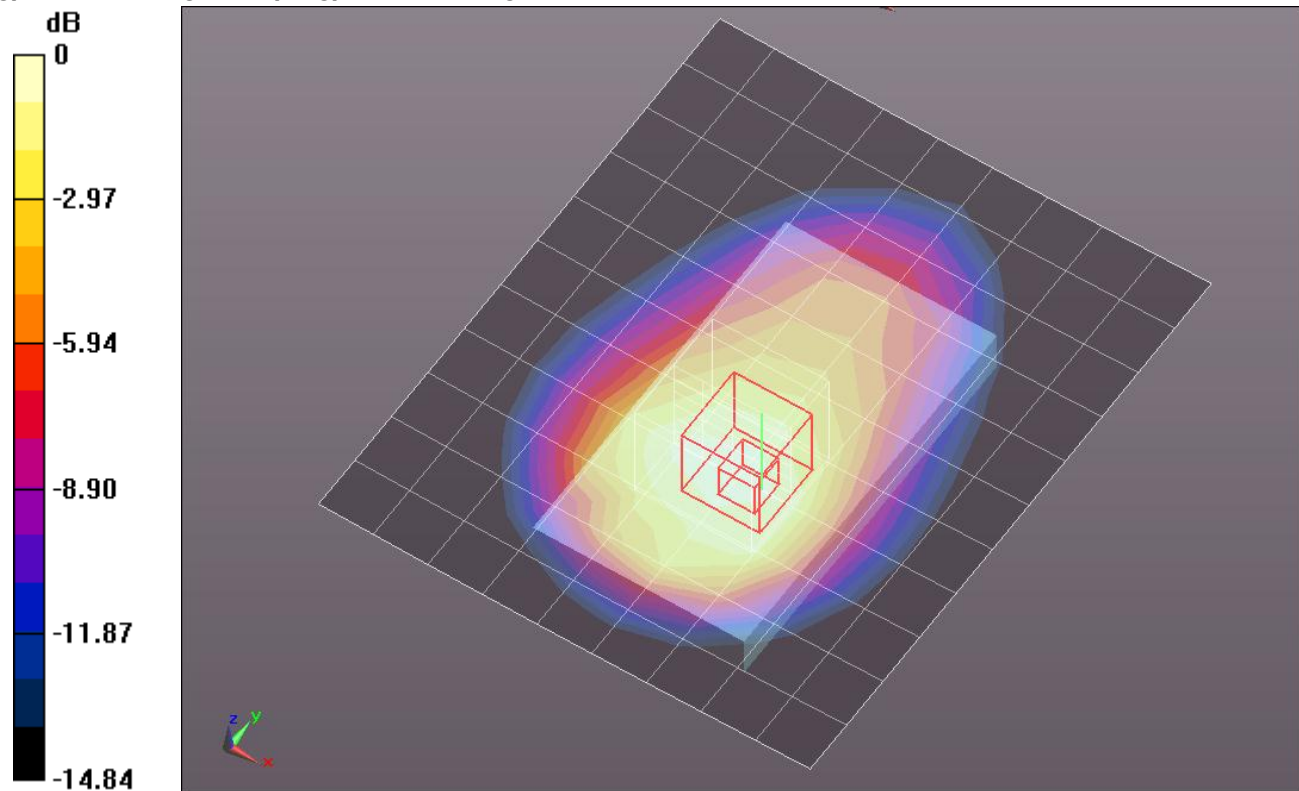
Maximum value of SAR (measured) = 0.743 mW/g

**Rear/Ch 661\_w/Headset/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.749 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.9890

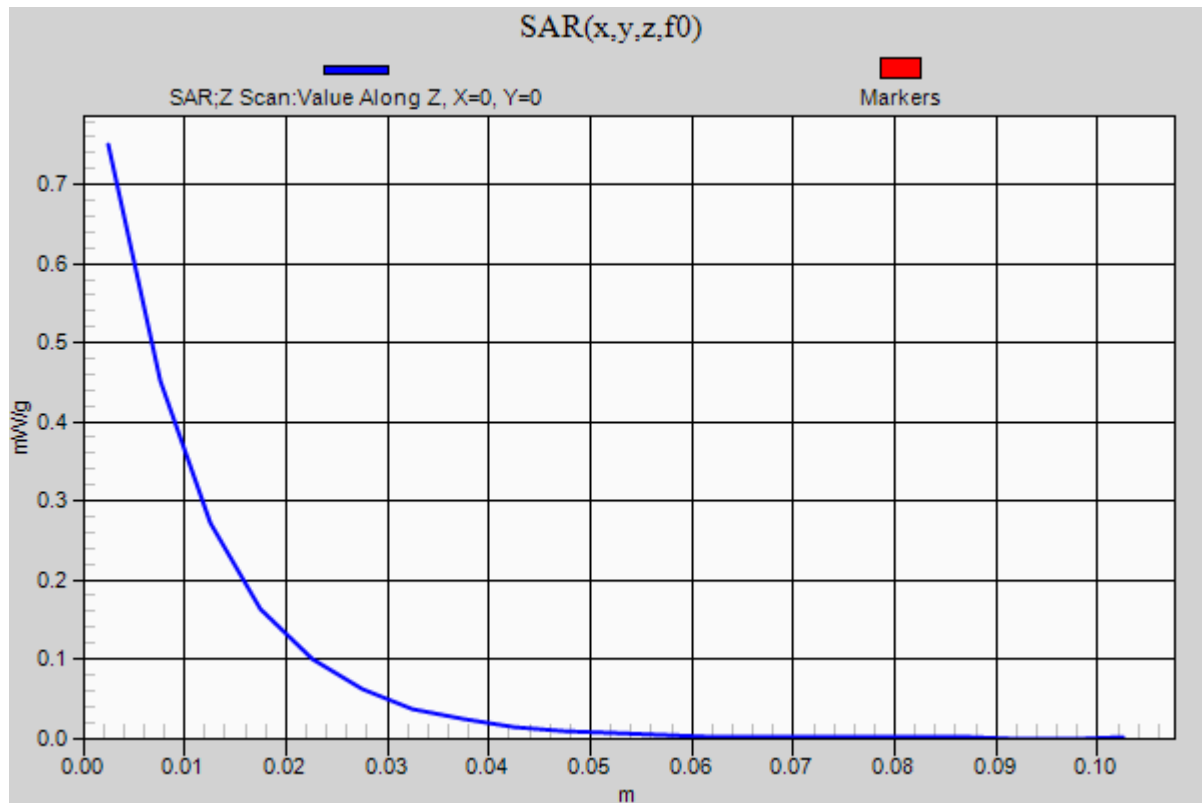
**SAR(1 g) = 0.599 mW/g; SAR(10 g) = 0.358 mW/g**



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

**GSM 1900**

Frequency: 1880 MHz; Duty Cycle: 1:4.00037

**Rear/Ch 661\_w/Headset/Z Scan (1x1x21):** Measurement grid: dx=20mm, dy=20mm, dz=5mm  
Maximum value of SAR (measured) = 0.750 mW/g

## GSM 1900

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;  $\sigma = 1.478$  mho/m;  $\epsilon_r = 51.619$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV3 - SN3531; ConvF(7.91, 7.91, 7.91); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Front/Ch 661/Area Scan (10x12x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.583 mW/g

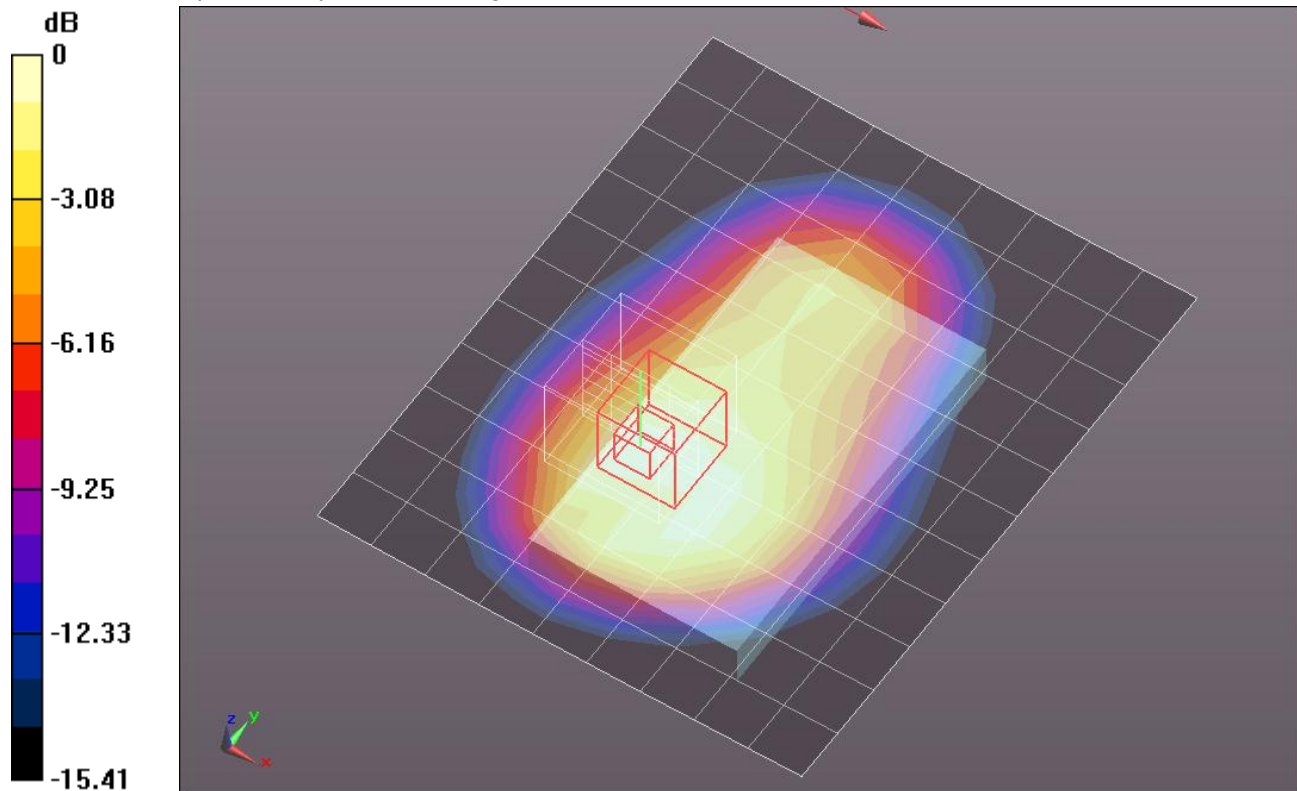
**Front/Ch 661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.194 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.8070

**SAR(1 g) = 0.490 mW/g; SAR(10 g) = 0.294 mW/g**

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



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

## GSM 1900

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;  $\sigma = 1.478$  mho/m;  $\epsilon_r = 51.619$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV3 - SN3531; ConvF(7.91, 7.91, 7.91); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Edge 2/Ch 661/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.105 mW/g

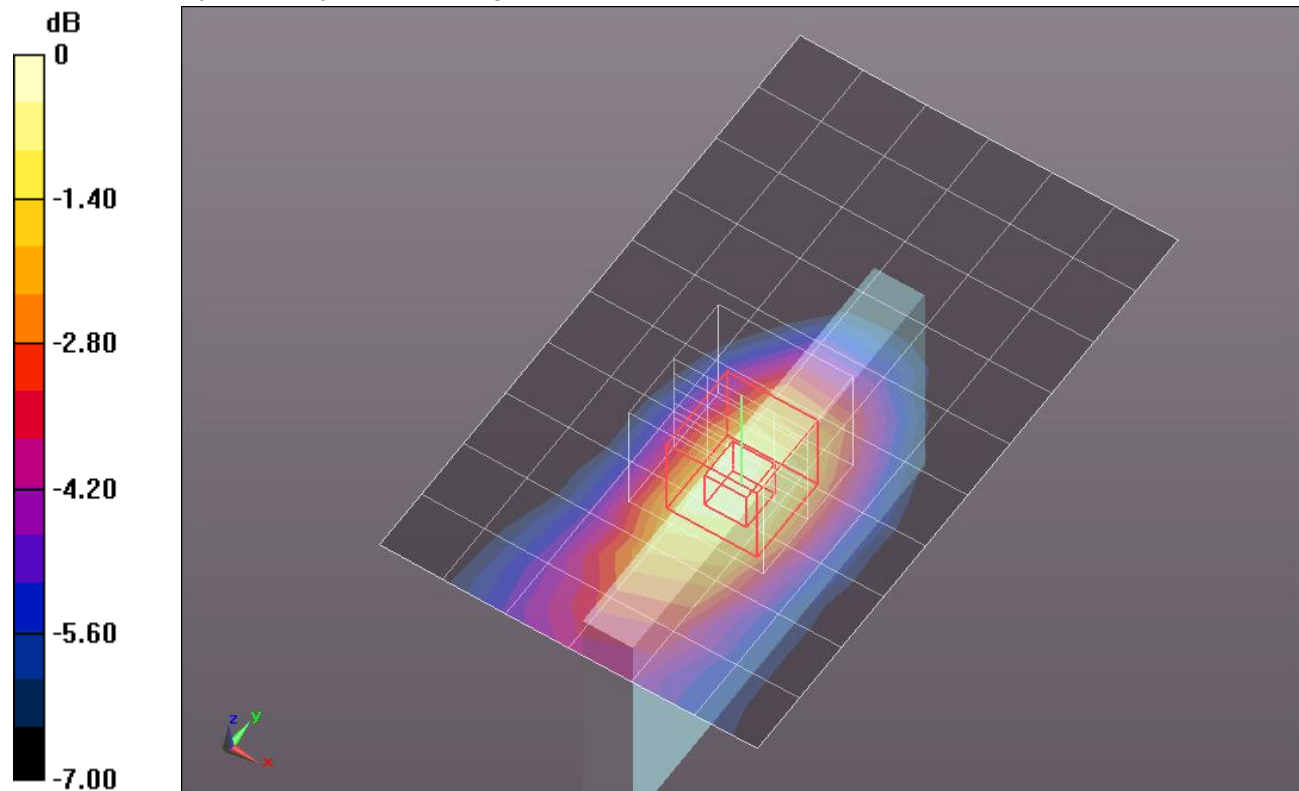
**Edge 2/Ch 661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.488 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.1510

**SAR(1 g) = 0.097 mW/g; SAR(10 g) = 0.059 mW/g**

Maximum value of SAR (measured) = 0.121 mW/g



0 dB = 0.120mW/g = -18.42 dB mW/g

## GSM 1900

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;  $\sigma = 1.478$  mho/m;  $\epsilon_r = 51.619$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV3 - SN3531; ConvF(7.91, 7.91, 7.91); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Edge 3/Ch 661/Area Scan (7x8x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.453 mW/g

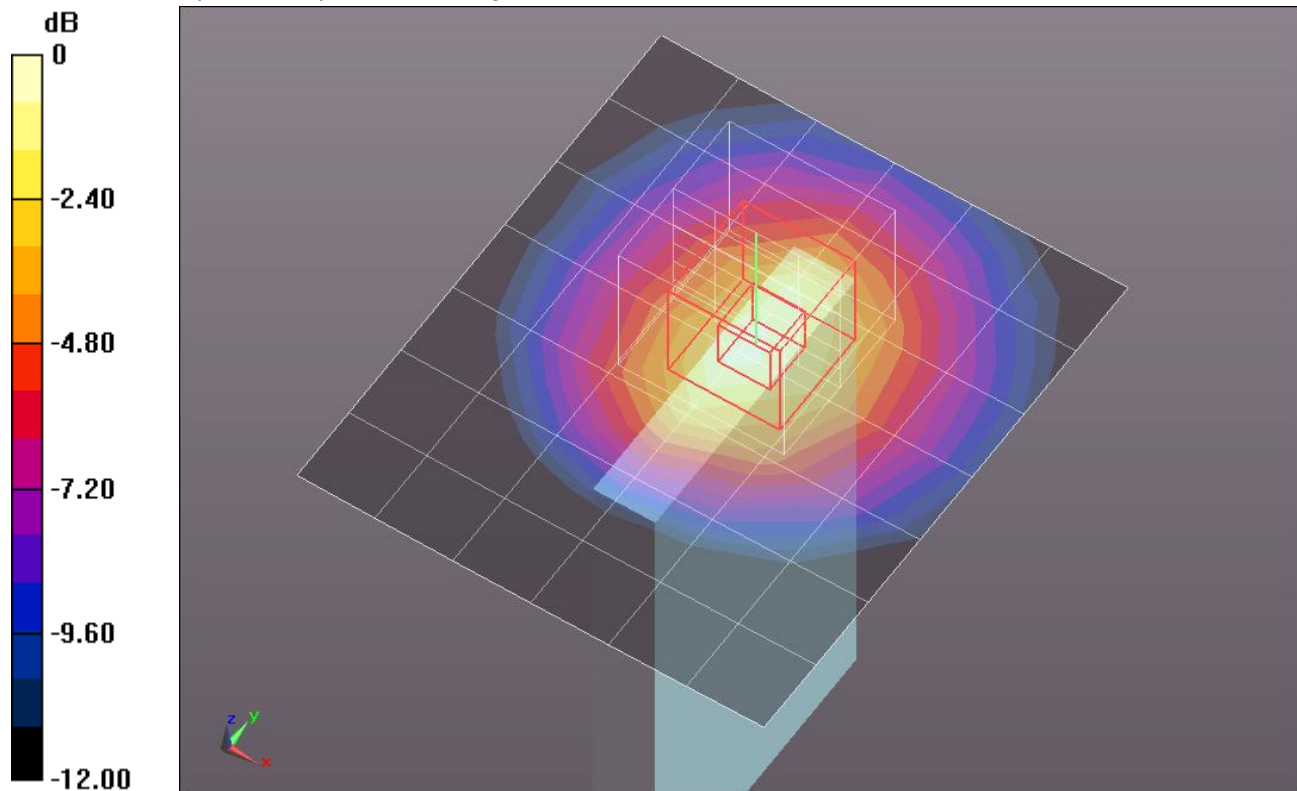
**Edge 3/Ch 661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.754 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.5870

**SAR(1 g) = 0.371 mW/g; SAR(10 g) = 0.214 mW/g**

Maximum value of SAR (measured) = 0.473 mW/g



0 dB = 0.470mW/g = -6.56 dB mW/g

## GSM 1900

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;  $\sigma = 1.478$  mho/m;  $\epsilon_r = 51.619$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Electronics: DAE4 Sn1259; Calibrated: 2/13/2012
- Probe: EX3DV3 - SN3531; ConvF(7.91, 7.91, 7.91); Calibrated: 12/19/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (A); Type: QDOVA001BB; Serial: 1120

**Edge 4/Ch 661/Area Scan (7x12x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.158 mW/g

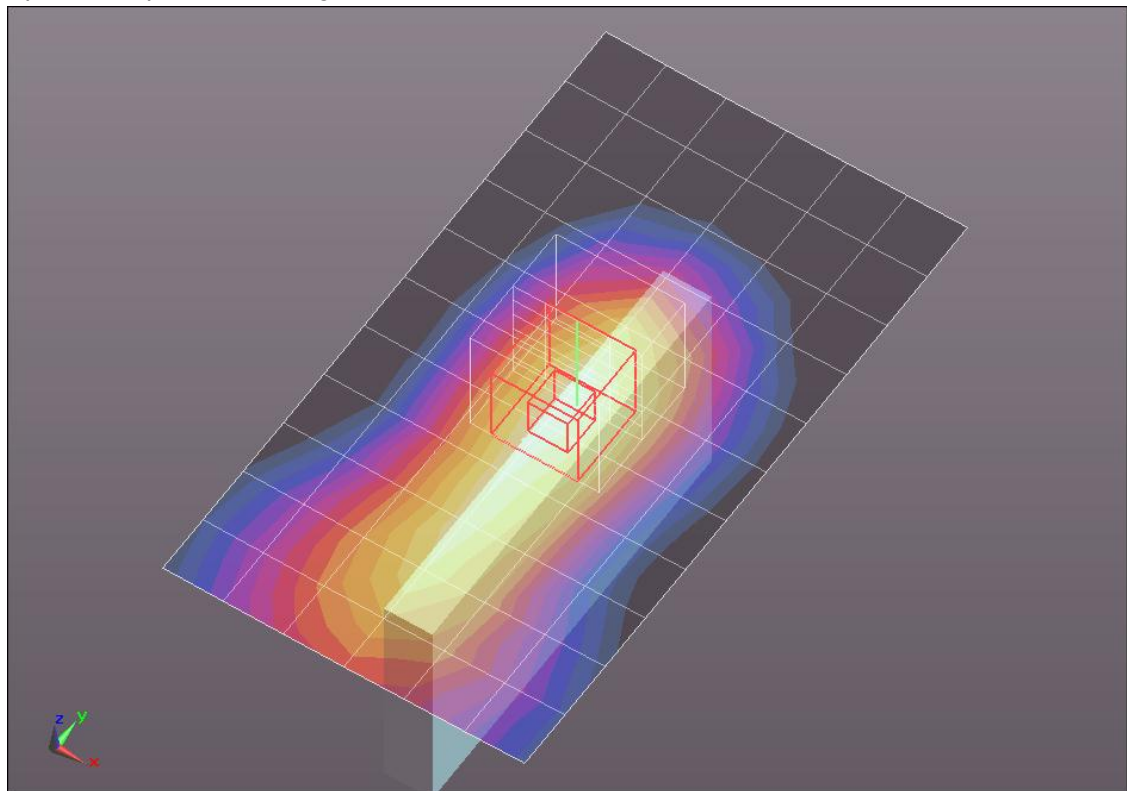
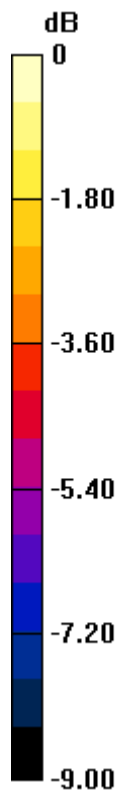
**Edge 4/Ch 661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.466 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.1990

**SAR(1 g) = 0.129 mW/g; SAR(10 g) = 0.080 mW/g**

Maximum value of SAR (measured) = 0.159 mW/g



0 dB = 0.160mW/g = -15.92 dB mW/g