

## 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;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 50.91$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

**Rear/GPRS 2 slots/Ch 512/Area Scan (7x12x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.402 mW/g

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

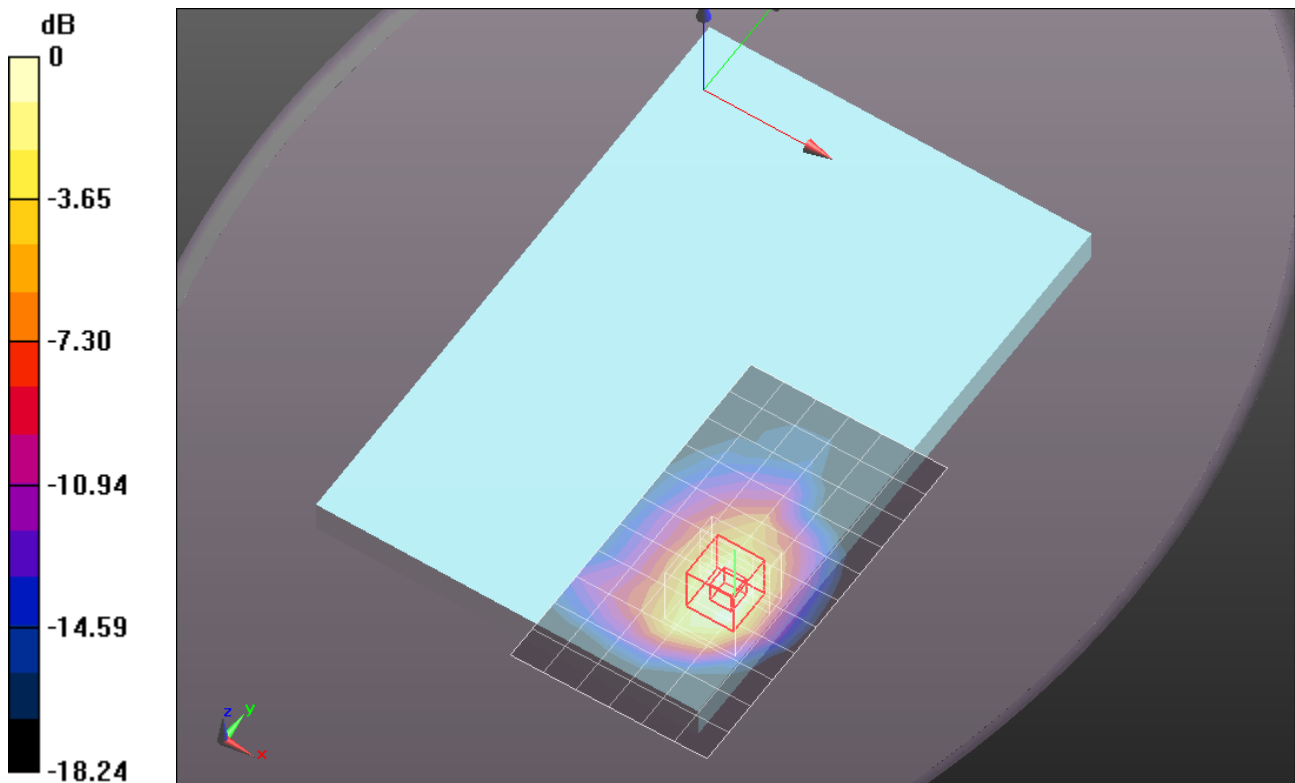
Reference Value = 31.040 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.3390

**SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.649 mW/g**

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

Maximum value of SAR (measured) = 1.564 mW/g



0 dB = 1.560mW/g = 3.86 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;  $\sigma = 1.506$  mho/m;  $\epsilon_r = 50.808$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

**Rear/GPRS 2 slots/Ch 661/Area Scan (7x12x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.278 mW/g

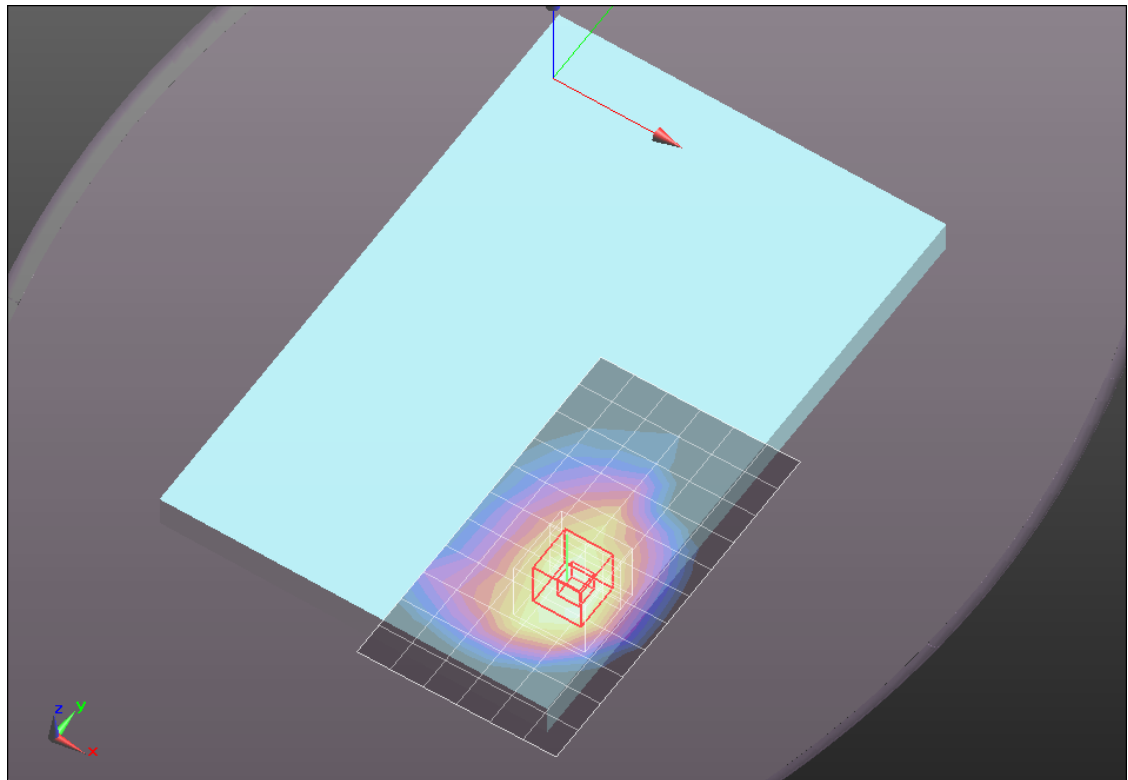
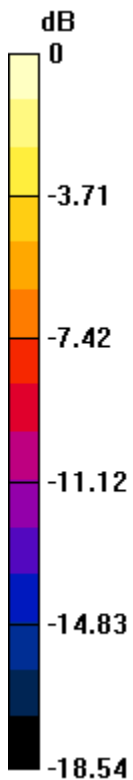
**Rear/GPRS 2 slots/Ch 661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.136 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.2180

**SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.603 mW/g**

Maximum value of SAR (measured) = 1.470 mW/g



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

## 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;  $\sigma = 1.541$  mho/m;  $\epsilon_r = 50.697$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 (B); Type: QDOVA001BB; Serial: 1118

**Rear/GPRS 2 slots/Ch 810/Area Scan (9x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.894 mW/g

**Rear/GPRS 2 slots/Ch 810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,

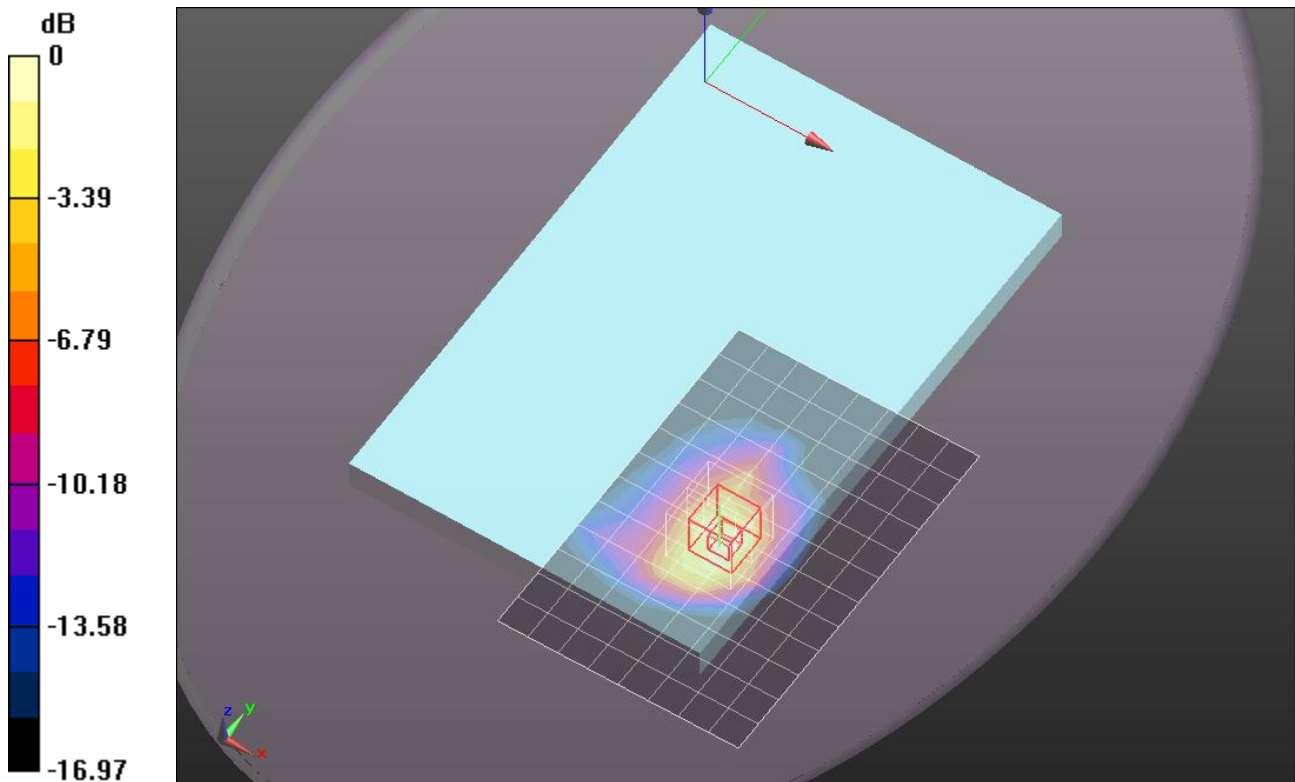
dz=5mm

Reference Value = 24.440 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.6550

**SAR(1 g) = 0.869 mW/g; SAR(10 g) = 0.452 mW/g**

Maximum value of SAR (measured) = 1.176 mW/g



0 dB = 1.180mW/g = 1.44 dB mW/g

## 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;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 50.91$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 (B); Type: QDOVA001BB; Serial: 1118

### Rear 20 deg Tilt @ Edge 1/GPRS 2 slots/Ch 512/Area Scan (7x12x1): Measurement grid:

dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.872 mW/g

### Rear 20 deg Tilt @ Edge 1/GPRS 2 slots/Ch 512/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm

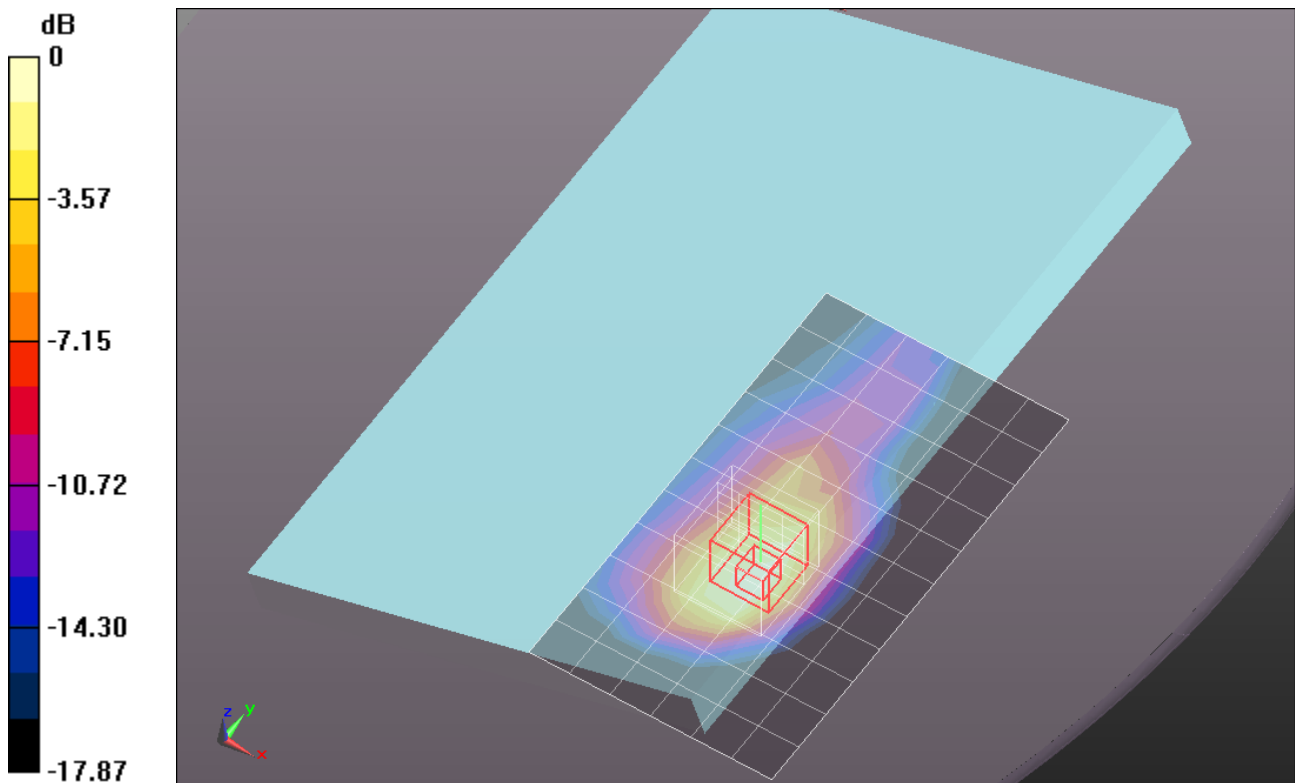
Reference Value = 36.095 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.4460

**SAR(1 g) = 1.34 mW/g; SAR(10 g) = 0.694 mW/g**

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

Maximum value of SAR (measured) = 1.649 mW/g



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

## GSM1900

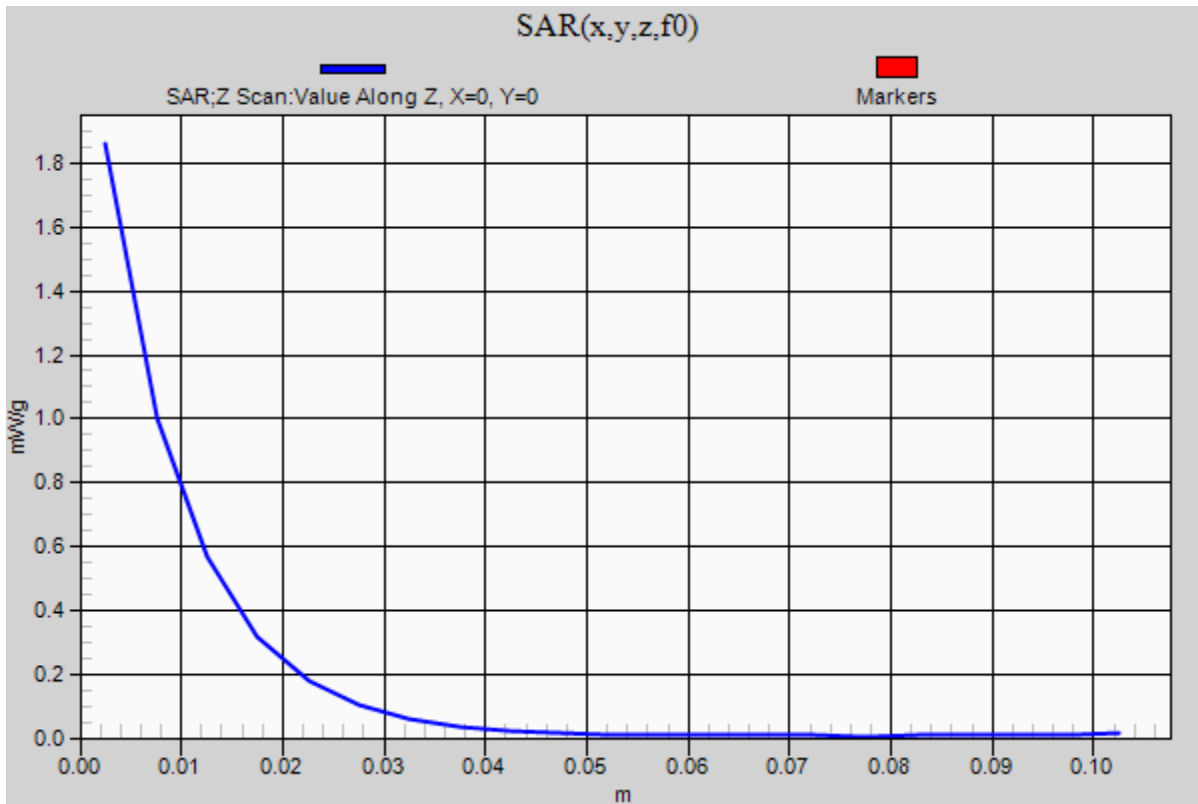
Frequency: 1850.2 MHz; Duty Cycle: 1:4.00037

**Rear 20 deg Tilt @ Edge 1/GPRS 2 slots/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) = 1.861 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;  $\sigma = 1.506$  mho/m;  $\epsilon_r = 50.808$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

### Rear 20 deg Tilt @ Edge 1/GPRS 2 slots/Ch 661/Area Scan (7x12x1): Measurement grid:

$dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 1.629 mW/g

### Rear 20 deg Tilt @ Edge 1/GPRS 2 slots/Ch 661/Zoom Scan (5x5x7)/Cube 0:

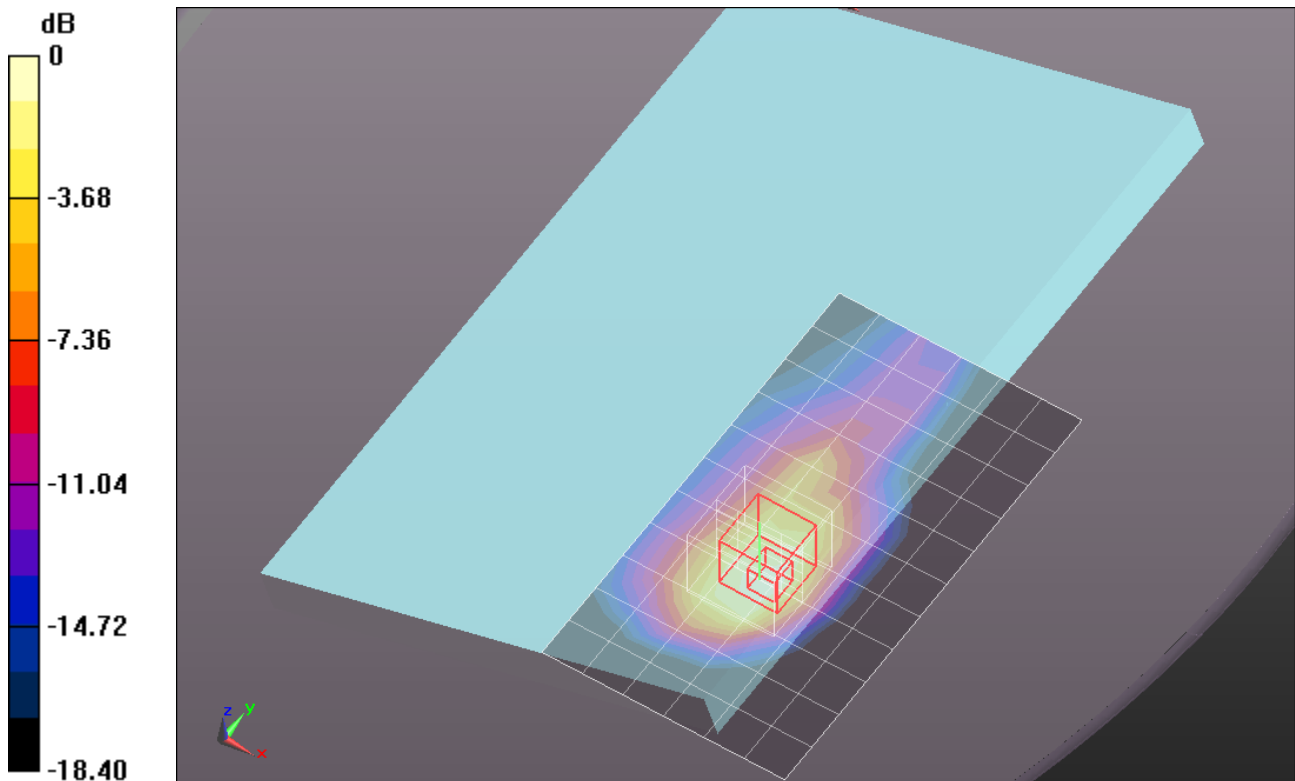
Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 33.288 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.1440

**SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.604 mW/g**

Maximum value of SAR (measured) = 1.466 mW/g



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

## 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;  $\sigma = 1.541$  mho/m;  $\epsilon_r = 50.697$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

### Rear 20 deg Tilt @ Edge 1/GPRS 2 slots/Ch 810/Area Scan (7x12x1): Measurement grid:

$dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (measured) = 1.220 mW/g

### Rear 20 deg Tilt @ Edge 1/GPRS 2 slots/Ch 810/Zoom Scan (5x5x7)/Cube 0:

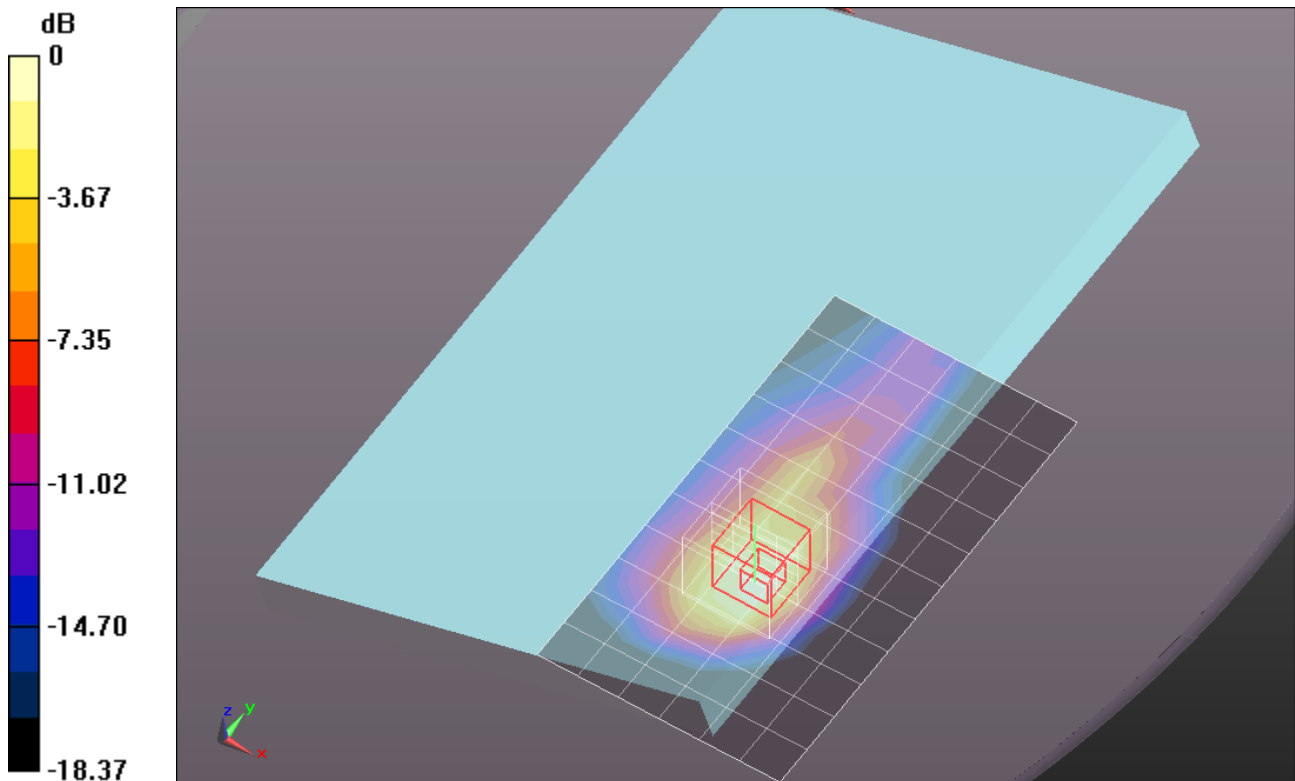
Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 28.556 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.6390

**SAR(1 g) = 0.895 mW/g; SAR(10 g) = 0.466 mW/g**

Maximum value of SAR (measured) = 1.149 mW/g



0 dB = 1.150mW/g = 1.21 dB mW/g

## 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;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 50.91$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 (B); Type: QDOVA001BB; Serial: 1118

**Edge 1/GPRS 2 slots/Ch 512/Area Scan (8x16x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 0.795 mW/g

**Edge 1/GPRS 2 slots/Ch 512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

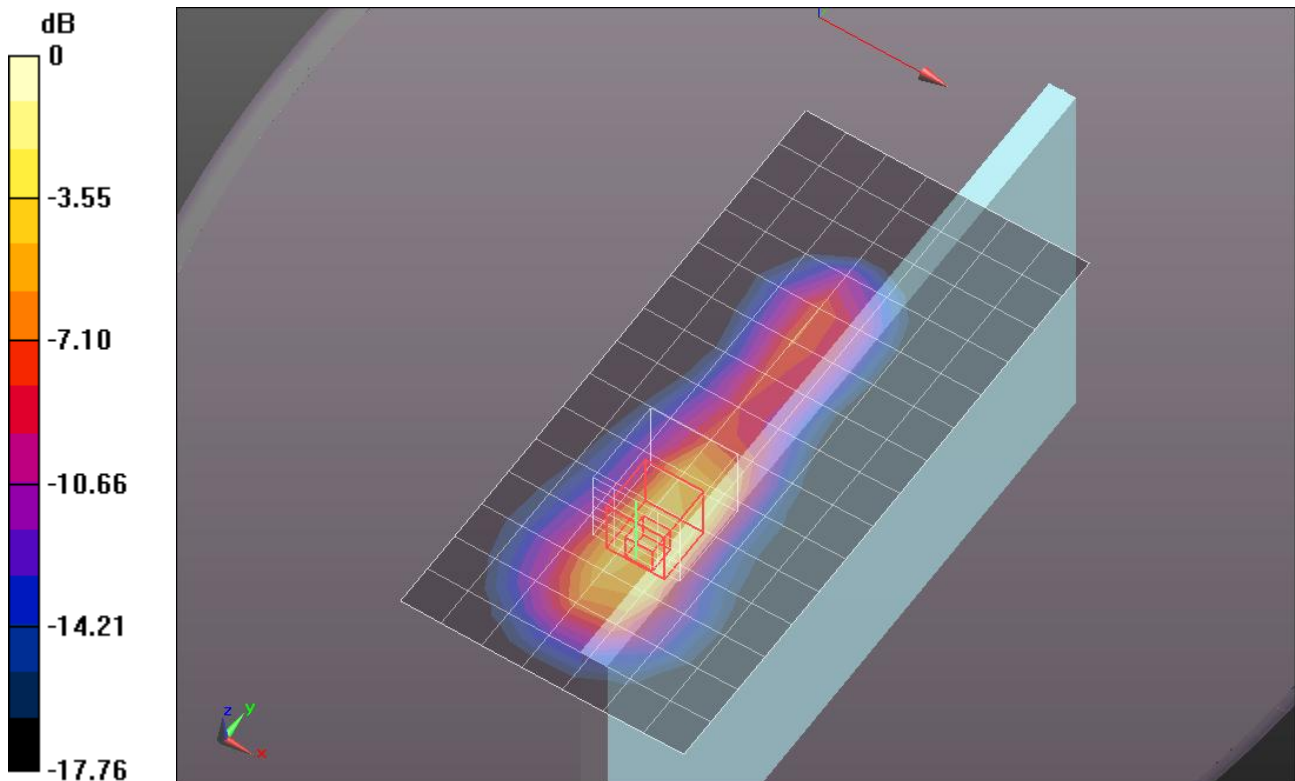
Reference Value = 23.604 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 2.0050

**SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.500 mW/g**

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

Maximum value of SAR (measured) = 1.546 mW/g



0 dB = 1.550mW/g = 3.81 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;  $\sigma = 1.506$  mho/m;  $\epsilon_r = 50.808$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

**Edge 1/GPRS 2 slots/Ch 661/Area Scan (8x16x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.643 mW/g

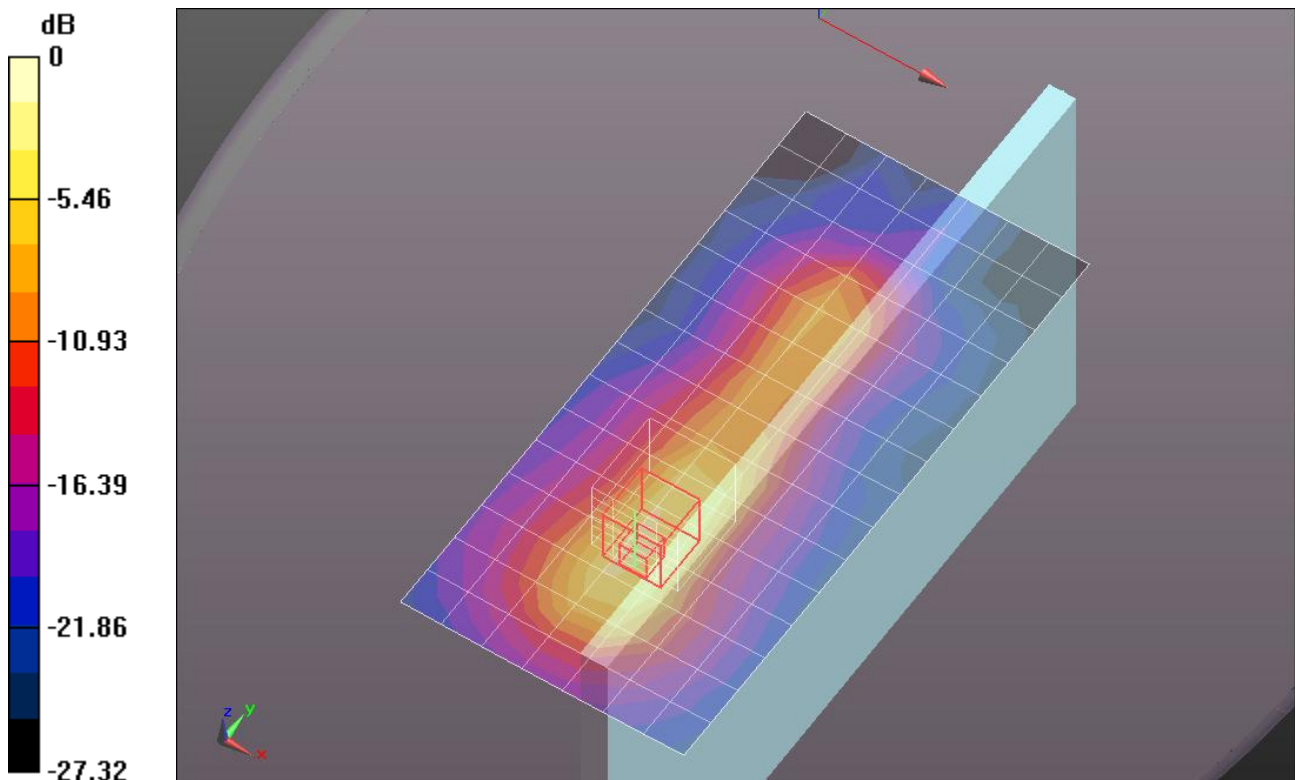
**Edge 1/GPRS 2 slots/Ch 661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.603 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.7810

**SAR(1 g) = 0.897 mW/g; SAR(10 g) = 0.434 mW/g**

Maximum value of SAR (measured) = 1.393 mW/g



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

## 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;  $\sigma = 1.541$  mho/m;  $\epsilon_r = 50.697$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

**Edge 1/GPRS 2 slots/Ch 810/Area Scan (8x16x1):** Measurement grid: dx=15mm, dy=15mm

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

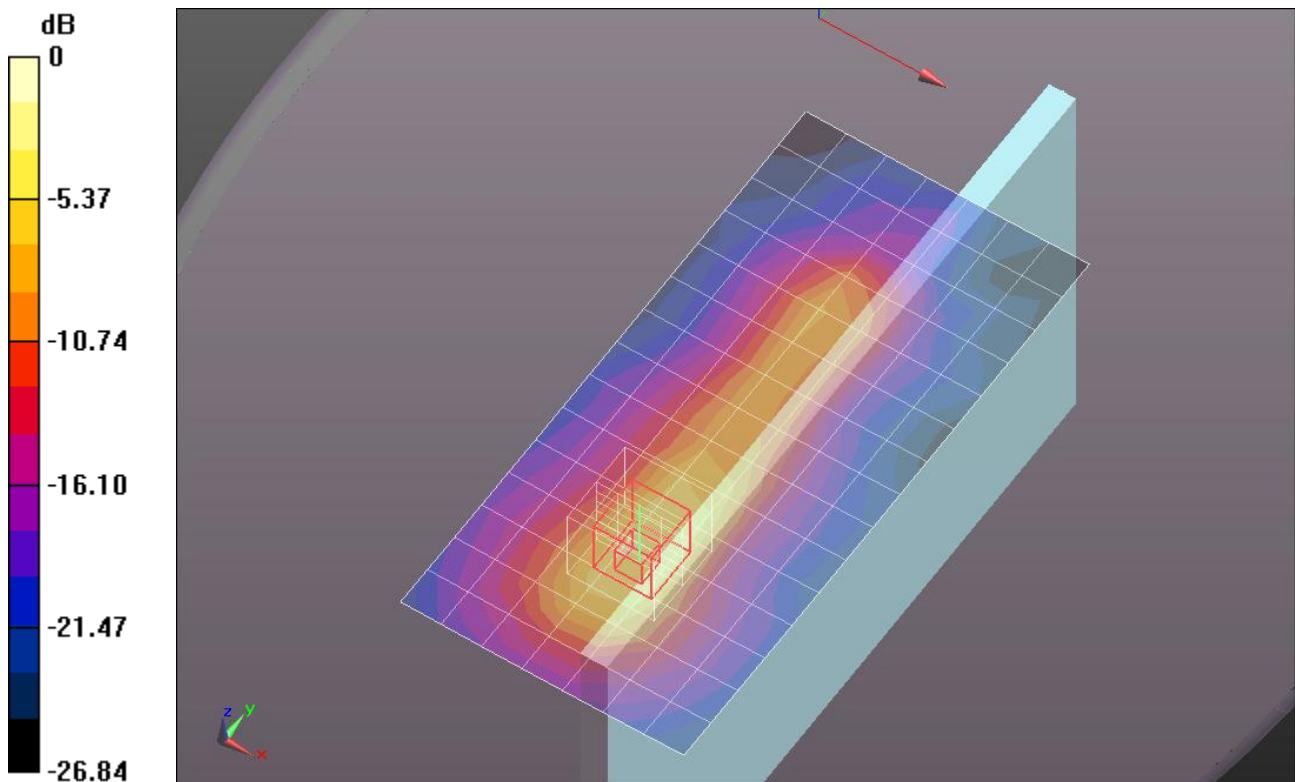
**Edge 1/GPRS 2 slots/Ch 810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.234 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.5850

**SAR(1 g) = 0.809 mW/g; SAR(10 g) = 0.383 mW/g**

Maximum value of SAR (measured) = 1.241 mW/g



0 dB = 1.240mW/g = 1.87 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;  $\sigma = 1.506$  mho/m;  $\epsilon_r = 50.808$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 (B); Type: QDOVA001BB; Serial: 1118

**Edge 4/GPRS 2 slots/Ch 661/Area Scan (7x14x1):** Measurement grid: dx=15mm, dy=15mm

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

**Edge 4/GPRS 2 slots/Ch 661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm,

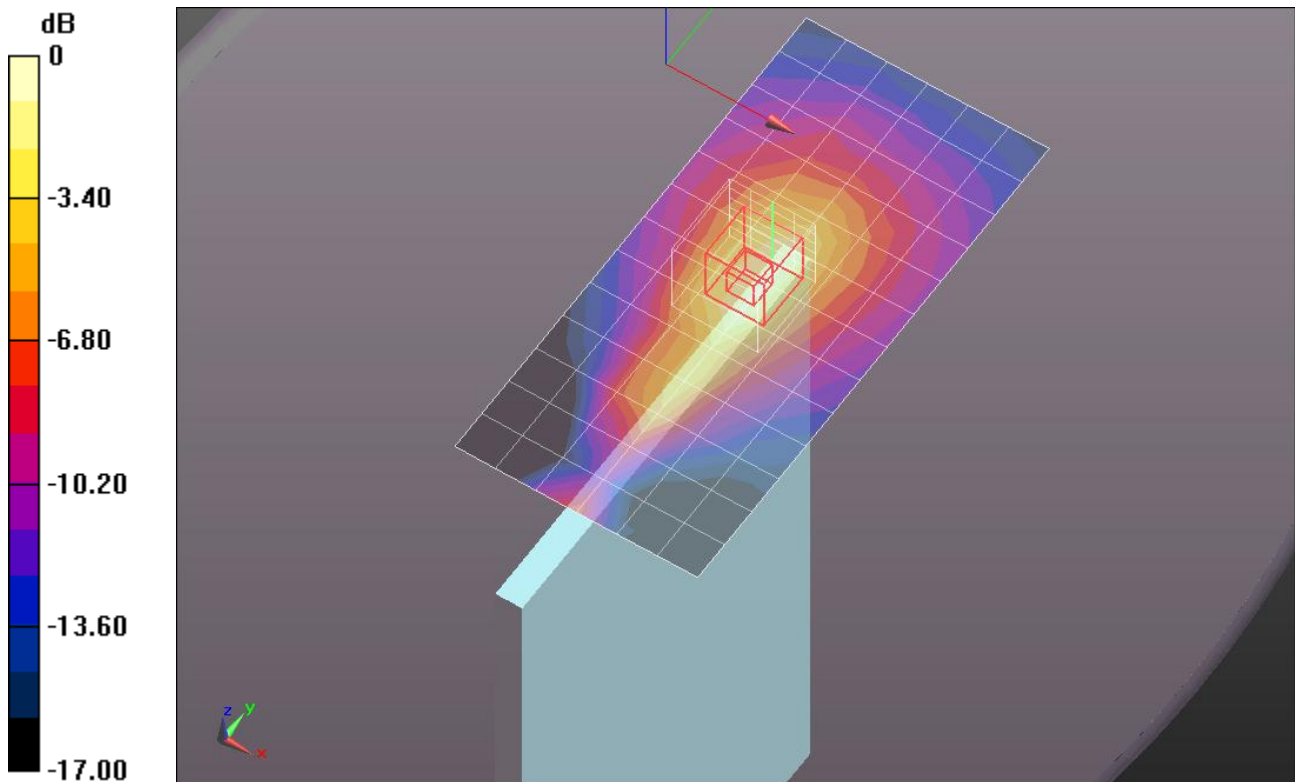
dz=5mm

Reference Value = 13.027 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.4370

**SAR(1 g) = 0.227 mW/g; SAR(10 g) = 0.124 mW/g**

Maximum value of SAR (measured) = 0.301 mW/g



0 dB = 0.300mW/g = -10.46 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;  $\sigma = 1.506$  mho/m;  $\epsilon_r = 50.808$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

### Rear with 17mm Separation Dist./GPRS 2 slots/Ch 661/Area Scan (7x12x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.438 mW/g

### Rear with 17mm Separation Dist./GPRS 2 slots/Ch 661/Zoom Scan (5x5x7)/Cube 0:

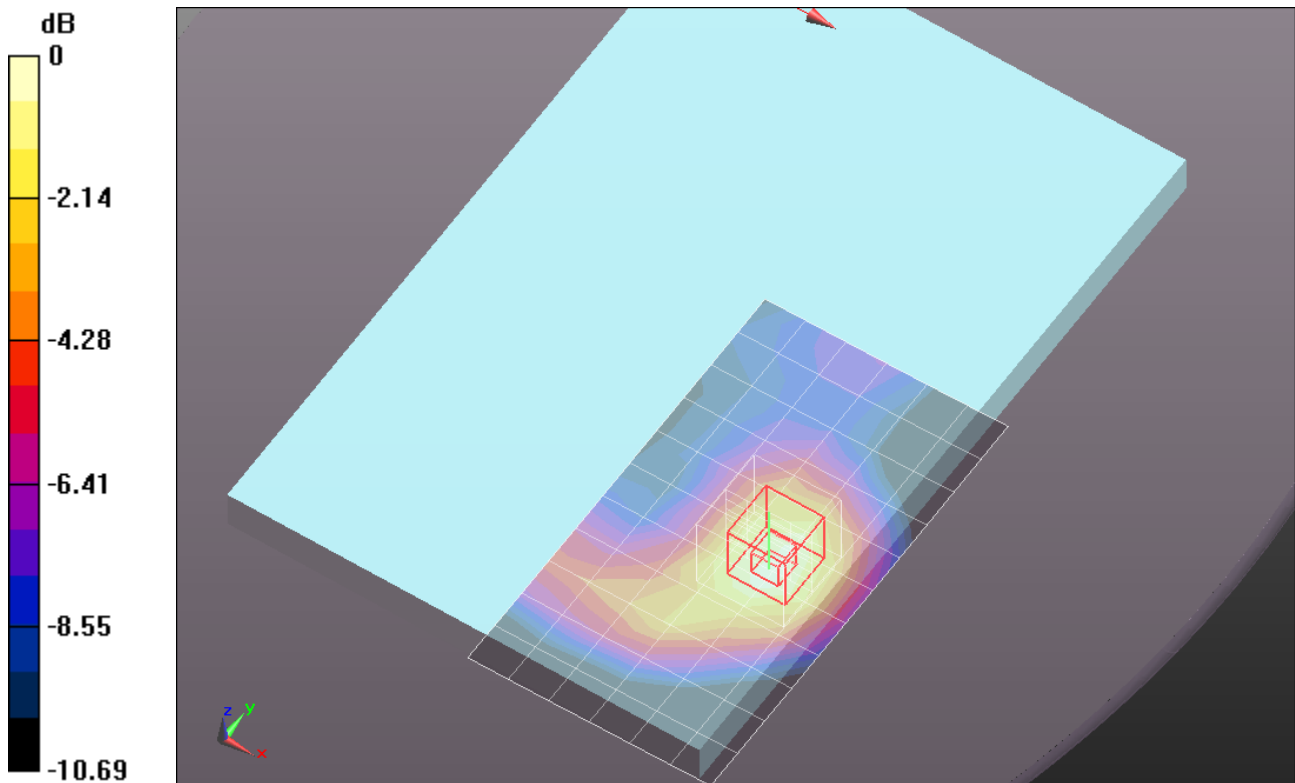
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.233 V/m; Power Drift = -0.007 dB

Peak SAR (extrapolated) = 0.5590

**SAR(1 g) = 0.362 mW/g; SAR(10 g) = 0.221 mW/g**

Maximum value of SAR (measured) = 0.452 mW/g



0 dB = 0.450mW/g = -6.94 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;  $\sigma = 1.506$  mho/m;  $\epsilon_r = 50.808$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118

### Edge 1 with 17mm Separation Dist./GPRS 2 slots/Ch 661/Area Scan (8x16x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.482 mW/g

### Edge 1 with 17mm Separation Dist./GPRS 2 slots/Ch 661/Zoom Scan (5x5x7)/Cube

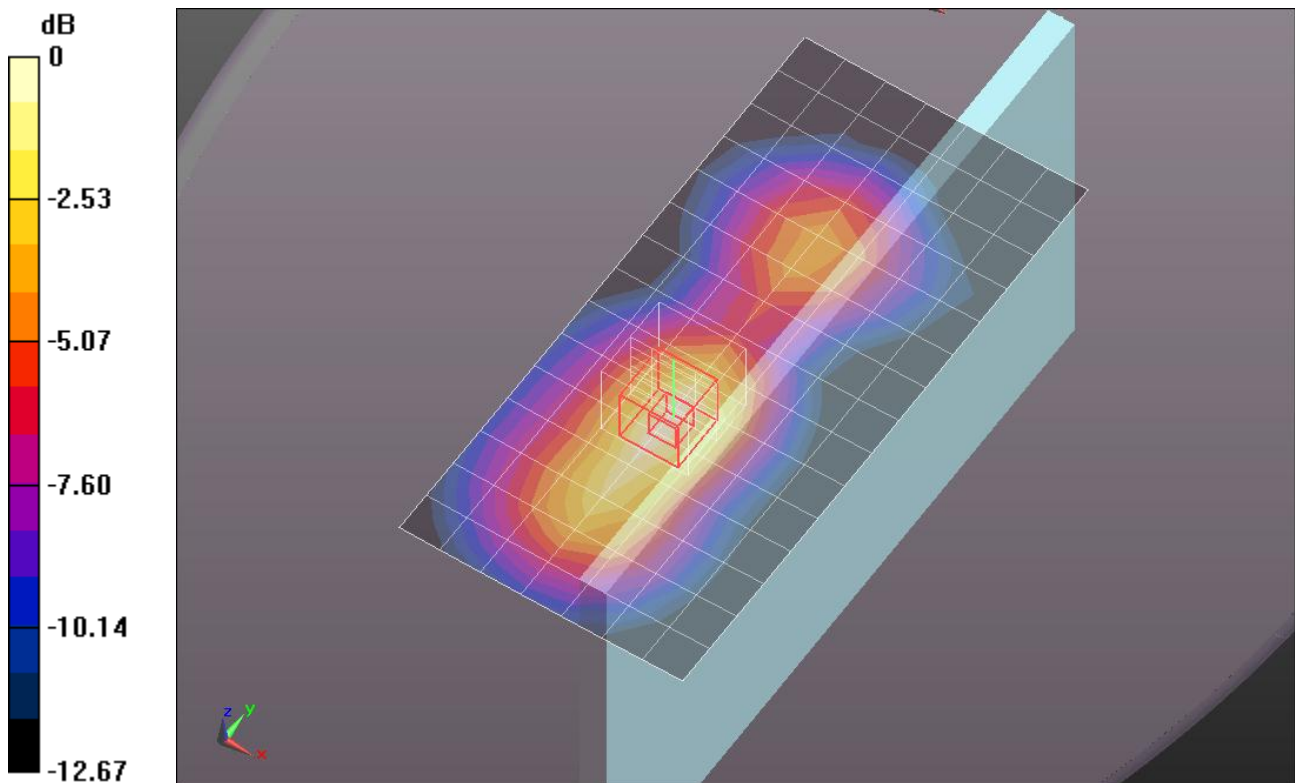
**0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.219 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.6210

**SAR(1 g) = 0.402 mW/g; SAR(10 g) = 0.244 mW/g**

Maximum value of SAR (measured) = 0.498 mW/g



0 dB = 0.500mW/g = -6.02 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;  $\sigma = 1.506$  mho/m;  $\epsilon_r = 50.808$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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 (B); Type: QDOVA001BB; Serial: 1118

### Edge 4 with 17mm Separation Dist./GPRS 2 slots/Ch 661/Area Scan (7x19x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.106 mW/g

### Edge 4 with 17mm Separation Dist./GPRS 2 slots/Ch 661/Zoom Scan (5x5x7)/Cube

**0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.461 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.1470

**SAR(1 g) = 0.089 mW/g; SAR(10 g) = 0.057 mW/g**

Maximum value of SAR (measured) = 0.109 mW/g

### Edge 4 with 17mm Separation Dist./GPRS 2 slots/Ch 661/Zoom Scan (5x5x7)/Cube

**1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.461 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.1690

**SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.049 mW/g**

Maximum value of SAR (measured) = 0.100 mW/g

### Edge 4 with 17mm Separation Dist./GPRS 2 slots/Ch 661/Zoom Scan (5x5x7)/Cube

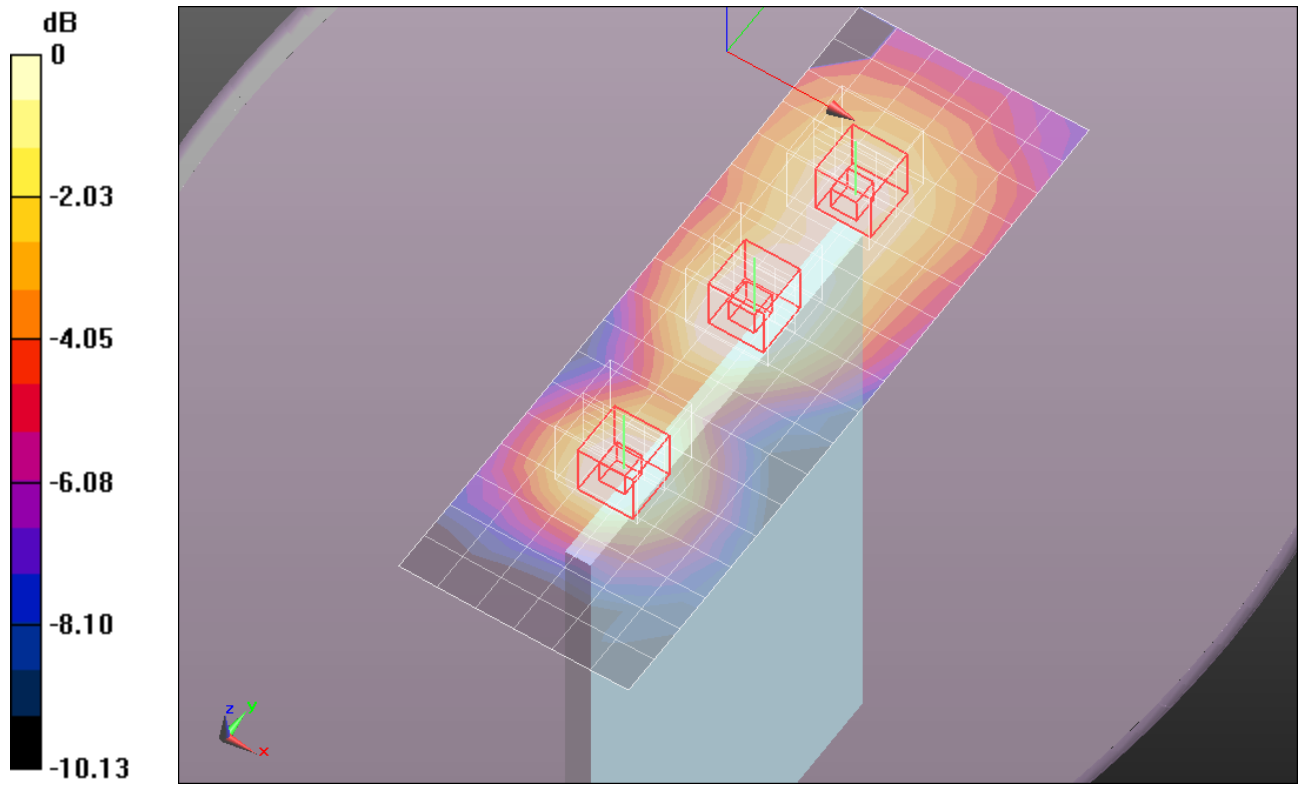
**2:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.461 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.1630

**SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.041 mW/g**

Maximum value of SAR (measured) = 0.079 mW/g



0 dB = 0.080mW/g = -21.94 dB mW/g