

## GSM850

Frequency: 824.4 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 825 \text{ MHz}$ ;  $\sigma = 0.967 \text{ mho/m}$ ;  $\epsilon_r = 53.478$ ;  $\rho = 1000 \text{ kg/m}^3$

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(8.73, 8.73, 8.73); 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 slot\_Ch 128 w/ Pwr back-off (Pri.) (0 mm)/Area Scan (9x7x1): Measurement grid:

$dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (measured) = 1.576 mW/g

### Rear/GPRS 2 slot\_Ch 128 w/ Pwr back-off (Pri.) (0 mm)/Zoom Scan (5x5x7)/Cube 0:

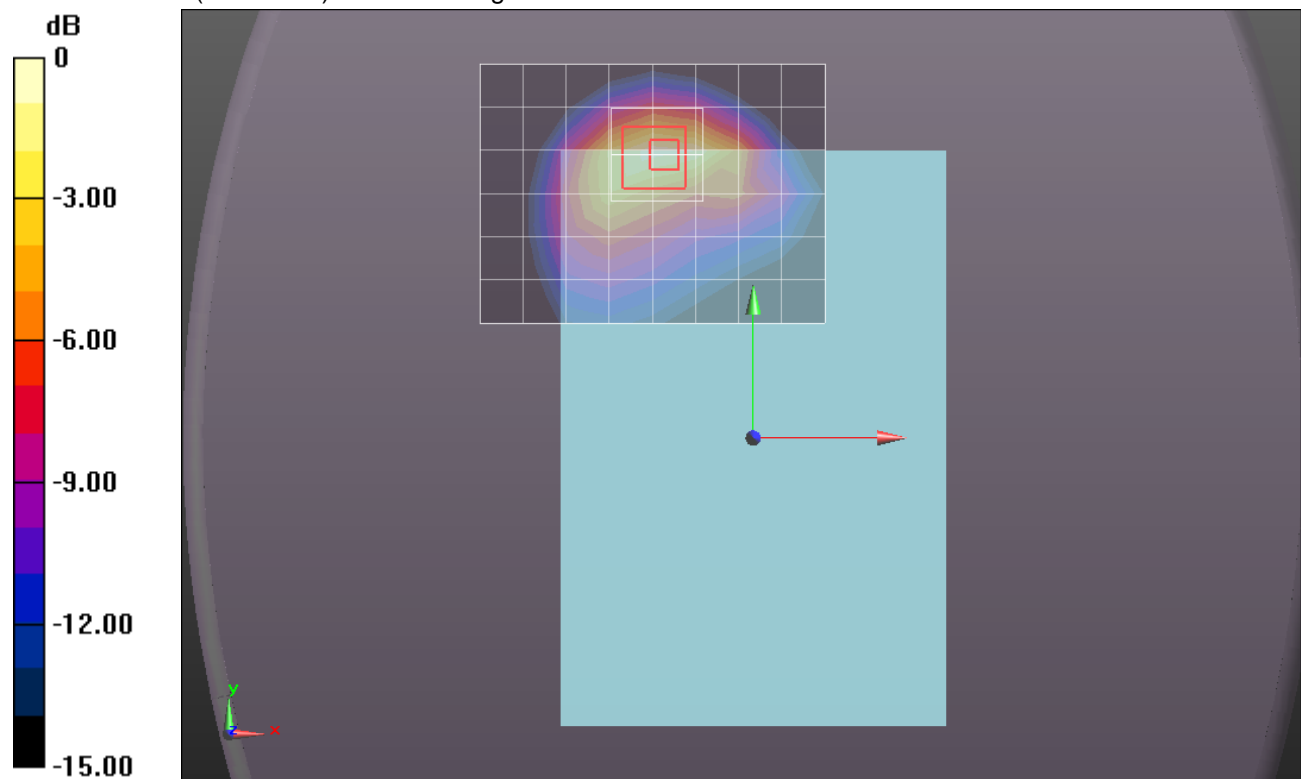
Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 40.998 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.3550

**SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.621 mW/g**

Maximum value of SAR (measured) = 1.682 mW/g



0 dB = 1.680mW/g = 4.51 dB mW/g

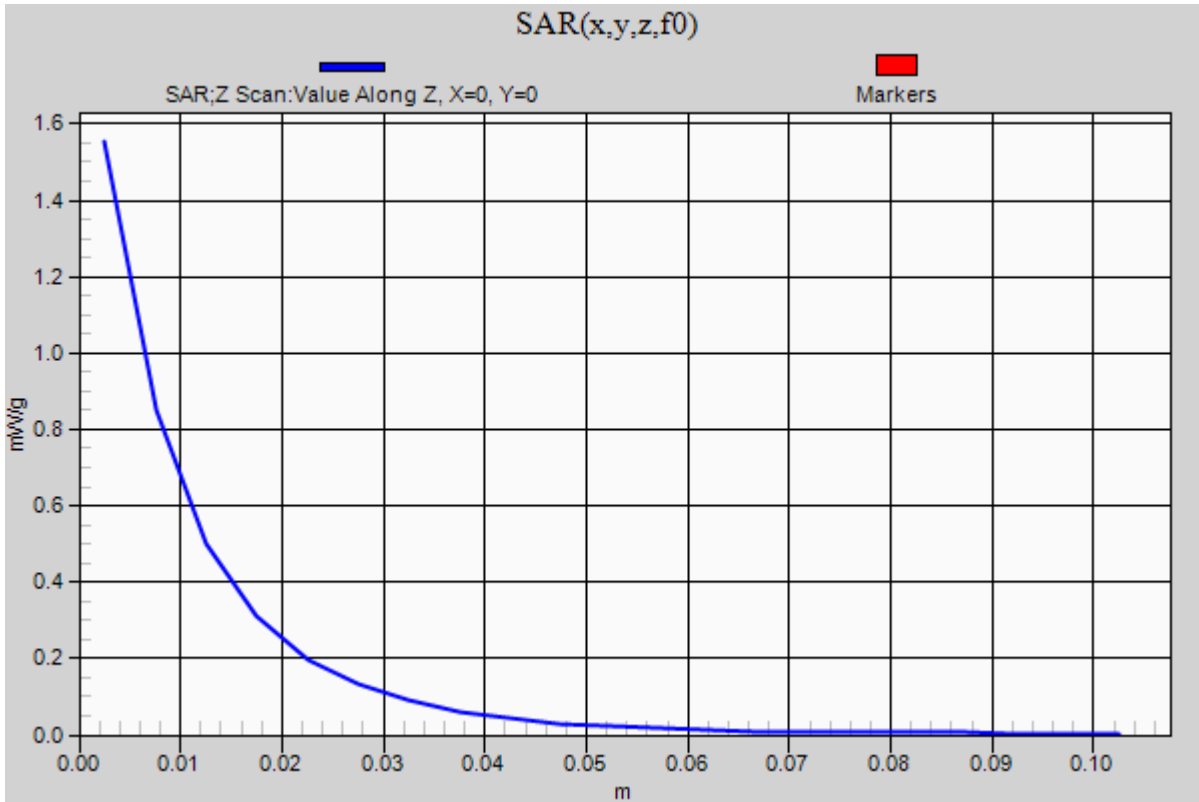
## GSM850

Frequency: 824.4 MHz; Duty Cycle: 1:4.00037

**Rear/GPRS 2 slot\_Ch 128 w/ Pwr back-off (Pri.) (0 mm)/Z Scan (1x1x21):** Measurement grid:

dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 1.553 mW/g



## GSM850

Frequency: 836.6 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.981$  mho/m;  $\epsilon_r = 53.339$ ;  $\rho = 1000$  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(8.73, 8.73, 8.73); 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 slot\_Ch 190 w/ Pwr back-off (Pri.) (0 mm)/Area Scan (9x7x1): Measurement grid:

dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.773 mW/g

### Rear/GPRS 2 slot\_Ch 190 w/ Pwr back-off (Pri.) (0 mm)/Zoom Scan (5x5x7)/Cube 0:

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

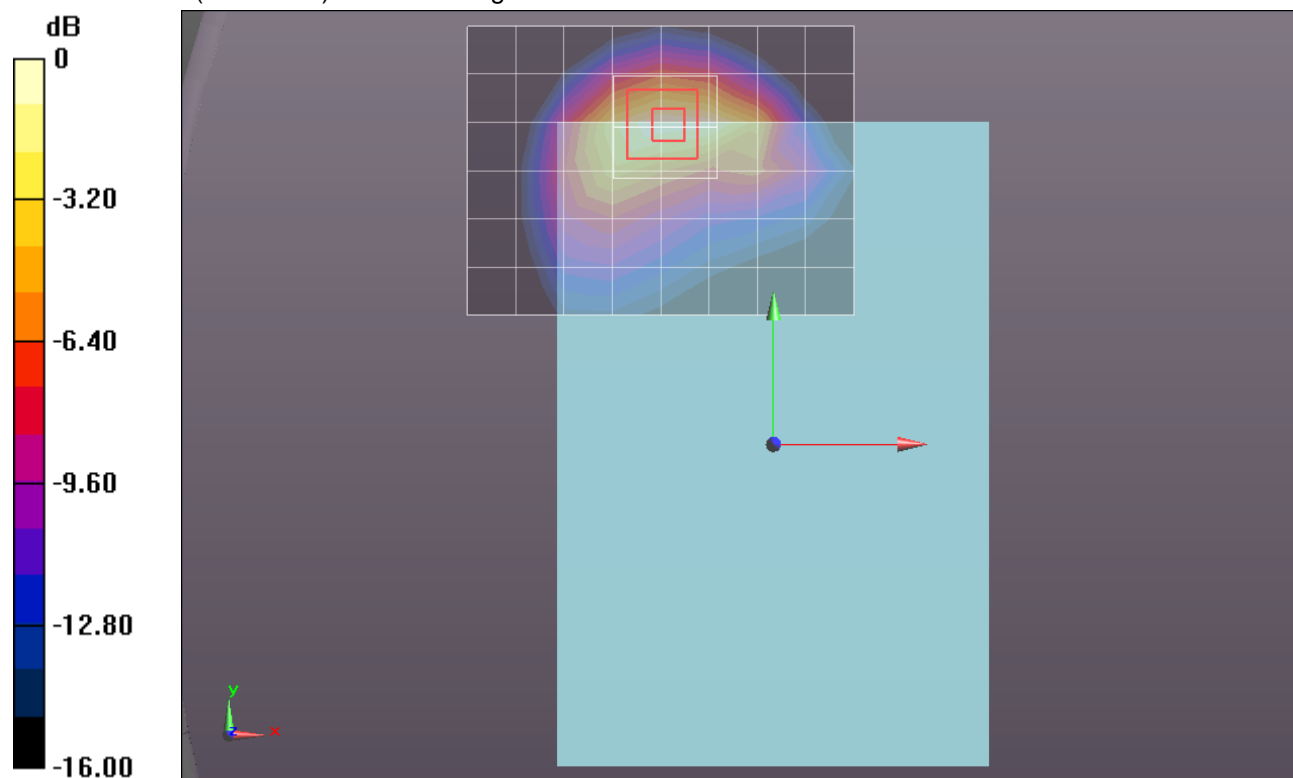
Reference Value = 41.324 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.3600

**SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.607 mW/g**

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

Maximum value of SAR (measured) = 1.715 mW/g



0 dB = 1.720mW/g = 4.71 dB mW/g

## GSM850

Frequency: 848.8 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.989$  mho/m;  $\epsilon_r = 53.228$ ;  $\rho = 1000$  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(8.73, 8.73, 8.73); 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 slot\_Ch 251 w/ Pwr back-off (Pri.) (0 mm)/Area Scan (9x7x1): Measurement grid:

dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.410 mW/g

### Rear/GPRS 2 slot\_Ch 251 w/ Pwr back-off (Pri.) (0 mm)/Zoom Scan (5x5x7)/Cube 0:

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

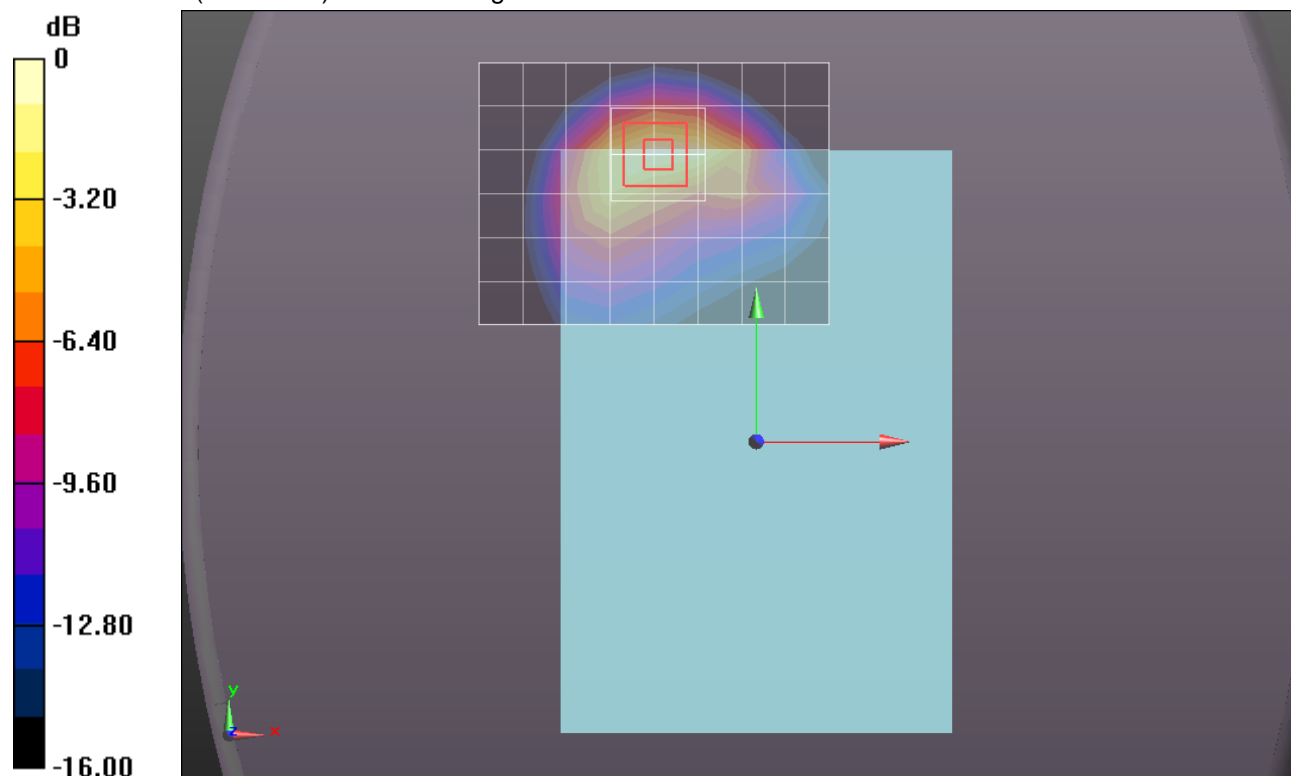
Reference Value = 38.414 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.1430

**SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.559 mW/g**

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

Maximum value of SAR (measured) = 1.549 mW/g



0 dB = 1.550mW/g = 3.81 dB mW/g

## GSM850

Frequency: 824.4 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.967$  mho/m;  $\epsilon_r = 53.478$ ;  $\rho = 1000$  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(8.73, 8.73, 8.73); 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 slot\_Ch 128 w/ Pwr back-off (Pri) (0 mm)/Area Scan (6x11x1): Measurement

grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.993 mW/g

### Edge 1/GPRS 2 slot\_Ch 128 w/ Pwr back-off (Pri) (0 mm)/Zoom Scan (5x5x7)/Cube 0:

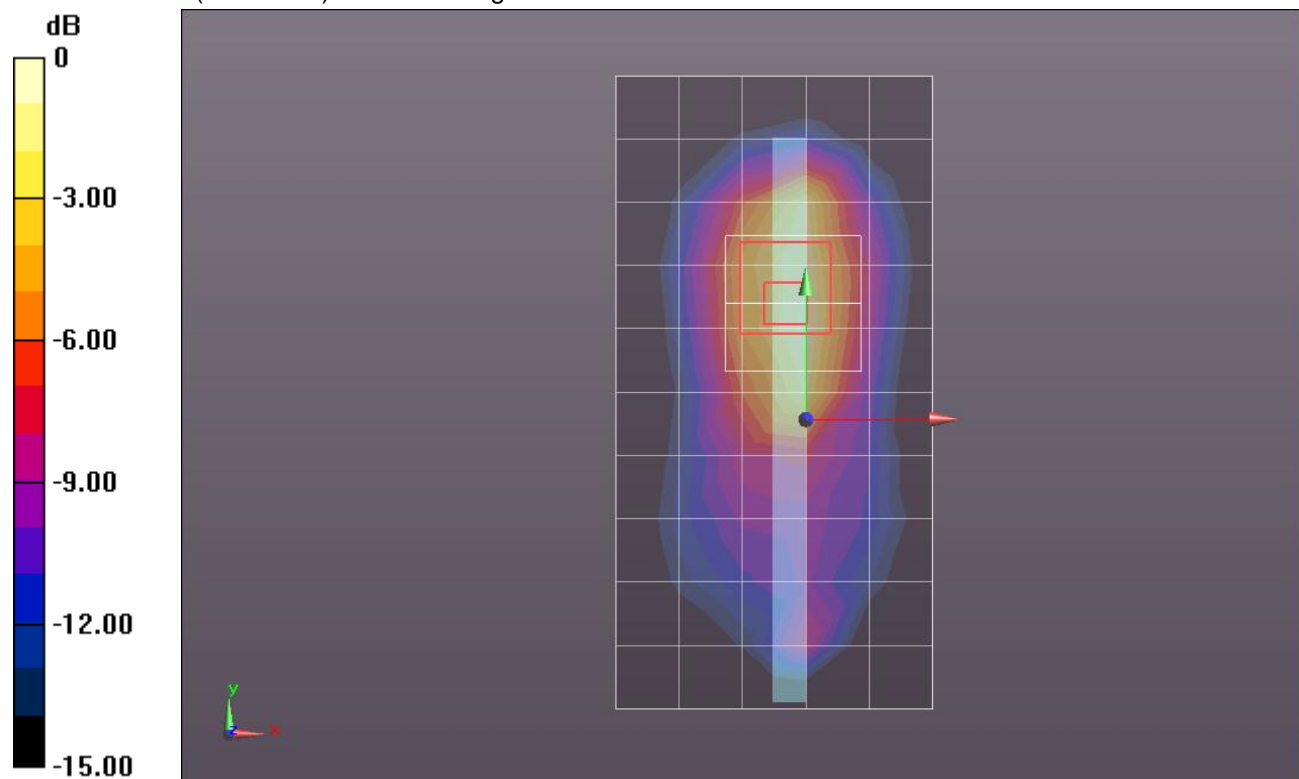
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.903 V/m; Power Drift = 0.023 dB

Peak SAR (extrapolated) = 1.5880

**SAR(1 g) = 0.823 mW/g; SAR(10 g) = 0.453 mW/g**

Maximum value of SAR (measured) = 1.122 mW/g



0 dB = 1.120mW/g = 0.98 dB mW/g

## GSM850

Frequency: 836.6 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.981$  mho/m;  $\epsilon_r = 53.339$ ;  $\rho = 1000$  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(8.73, 8.73, 8.73); 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 slot\_Ch 190 w/ Pwr back-off (Pri) (0 mm)/Area Scan (6x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.036 mW/g

**Edge 1/GPRS 2 slot\_Ch 190 w/ Pwr back-off (Pri) (0 mm)/Zoom Scan (5x5x7)/Cube 0:**

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

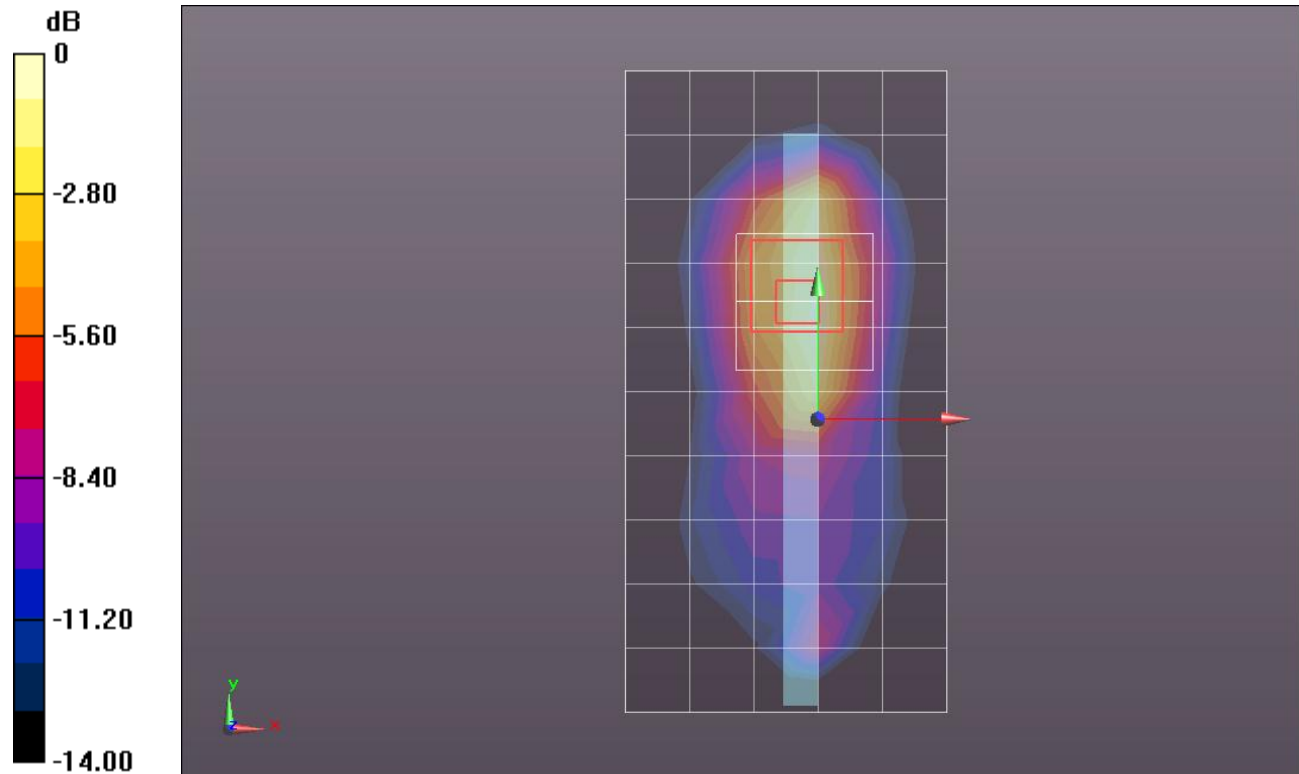
Reference Value = 30.699 V/m; Power Drift = 0.026 dB

Peak SAR (extrapolated) = 1.5540

**SAR(1 g) = 0.830 mW/g; SAR(10 g) = 0.456 mW/g**

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

Maximum value of SAR (measured) = 1.128 mW/g



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

## GSM850

Frequency: 848.8 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.989$  mho/m;  $\epsilon_r = 53.228$ ;  $\rho = 1000$  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(8.73, 8.73, 8.73); 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 slot\_Ch 251 w/ Pwr back-off (Pri) (0 mm)/Area Scan (6x11x1):** Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.007 mW/g

**Edge 1/GPRS 2 slot\_Ch 251 w/ Pwr back-off (Pri) (0 mm)/Zoom Scan (5x5x7)/Cube 0:**

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

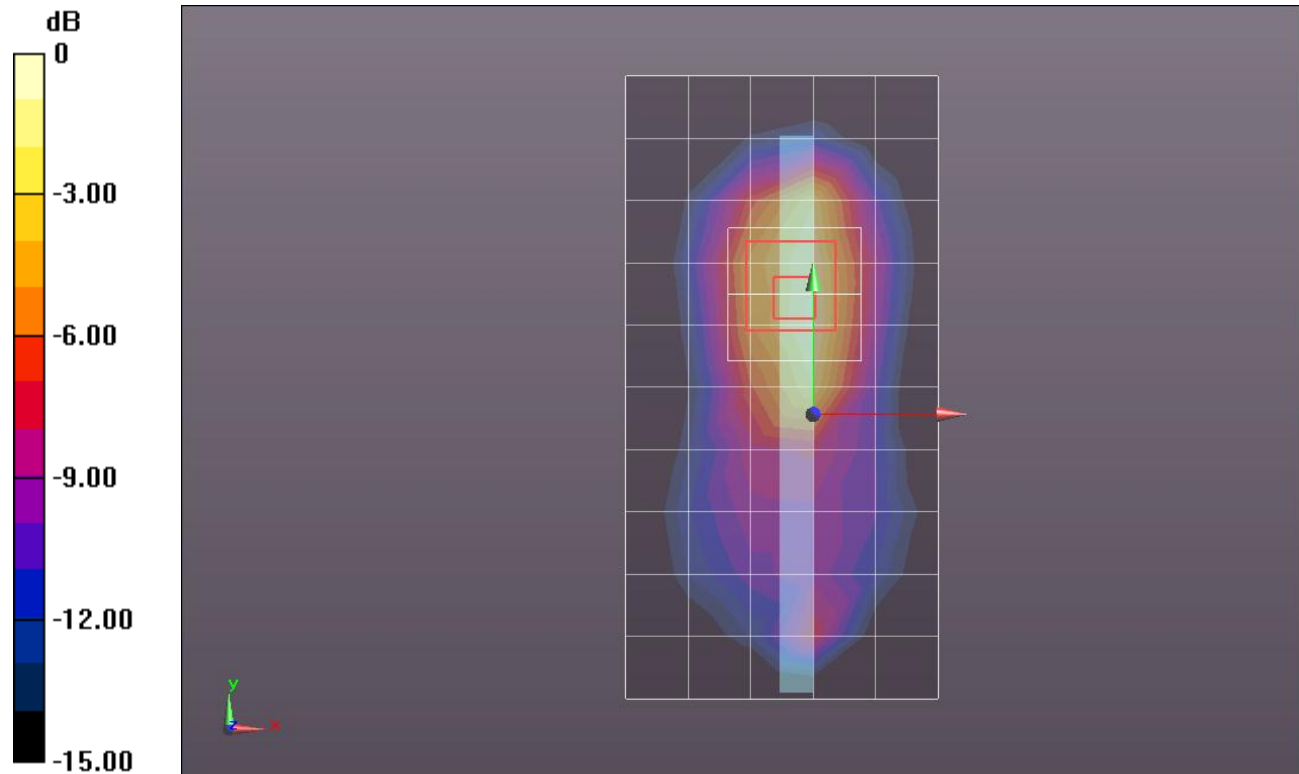
Reference Value = 30.457 V/m; Power Drift = 0.026 dB

Peak SAR (extrapolated) = 1.5230

**SAR(1 g) = 0.823 mW/g; SAR(10 g) = 0.449 mW/g**

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

Maximum value of SAR (measured) = 1.143 mW/g



0 dB = 1.140mW/g = 1.14 dB mW/g

## GSM850

Frequency: 836.6 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.981$  mho/m;  $\epsilon_r = 53.339$ ;  $\rho = 1000$  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(8.73, 8.73, 8.73); 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 2/GPRS 2 slot\_Ch 190 w/ Pwr back-off (Sec.) (0 mm)/Area Scan (6x17x1):

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

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

Maximum value of SAR (measured) = 0.872 mW/g

### Edge 2/GPRS 2 slot\_Ch 190 w/ Pwr back-off (Sec.) (0 mm)/Zoom Scan (5x5x7)/Cube 0:

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

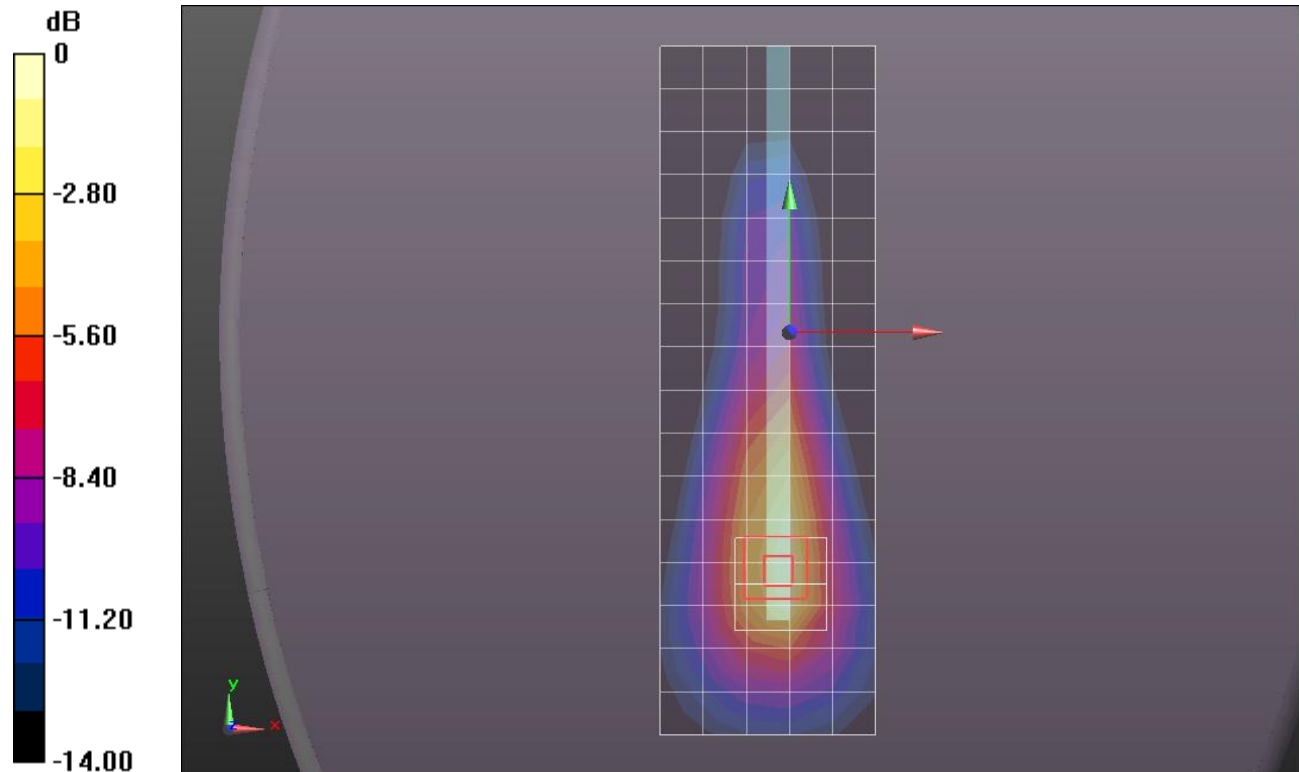
Reference Value = 28.306 V/m; Power Drift = 0.028 dB

Peak SAR (extrapolated) = 1.4880

**SAR(1 g) = 0.709 mW/g; SAR(10 g) = 0.380 mW/g**

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

Maximum value of SAR (measured) = 1.039 mW/g



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



## GSM850

Frequency: 824.4 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.967$  mho/m;  $\epsilon_r = 53.478$ ;  $\rho = 1000$  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(8.73, 8.73, 8.73); 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 and Edge 2 Tilt 40 deg/GPRS 2 slot\_Ch 128 w/ Pwr back-off (Sec.) (0 mm)/Area

**Scan (6x11x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 2.586 mW/g

### Edge 1 and Edge 2 Tilt 40 deg/GPRS 2 slot\_Ch 128 w/ Pwr back-off (Sec.) (0 mm)/Zoom

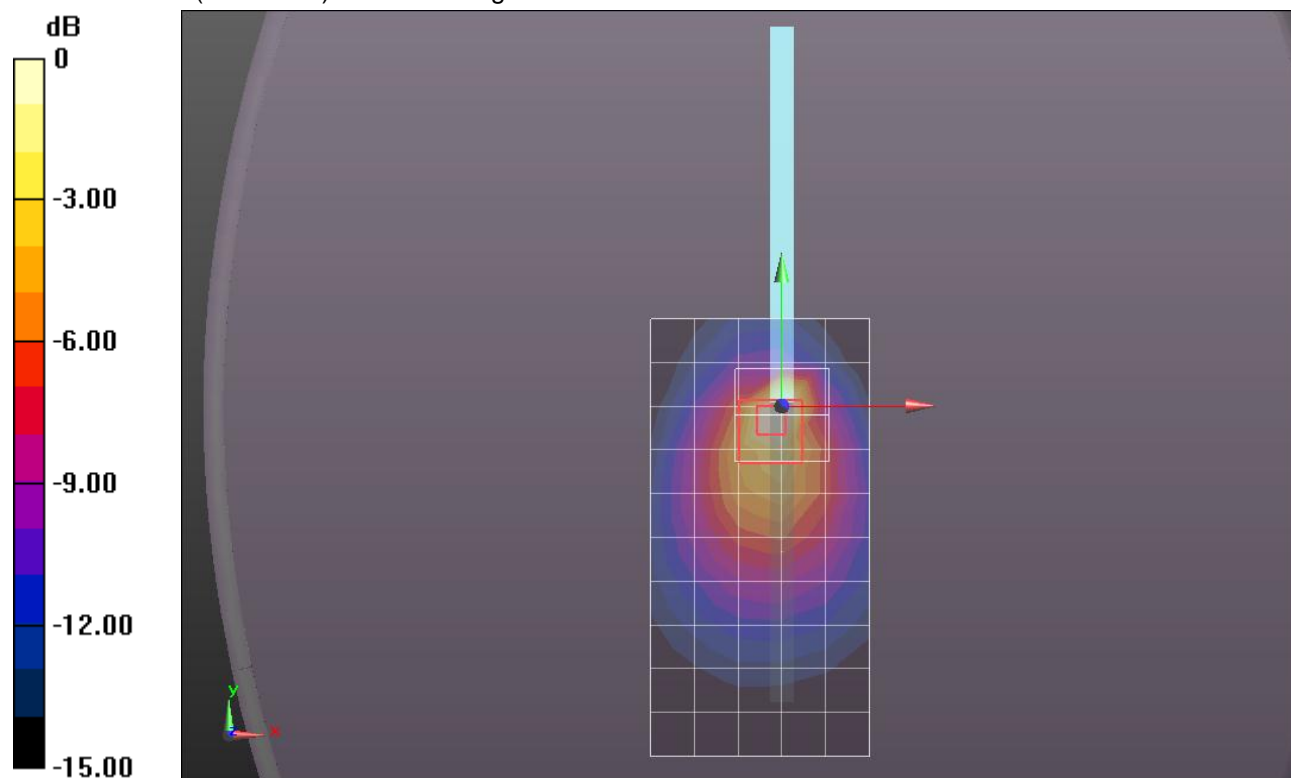
**Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 37.247 V/m; Power Drift = 0.051 dB

Peak SAR (extrapolated) = 2.3980

**SAR(1 g) = 0.927 mW/g; SAR(10 g) = 0.443 mW/g**

Maximum value of SAR (measured) = 1.378 mW/g



0 dB = 1.380mW/g = 2.80 dB mW/g

## GSM850

Frequency: 848.8 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.982$  mho/m;  $\epsilon_r = 52.653$ ;  $\rho = 1000$  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(8.73, 8.73, 8.73); 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 and Edge 2 Tilt 40 deg/GPRS 2 slot\_Ch 251 w/ Pwr back-off (Sec.) (0 mm)/Area Scan (6x11x1):

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

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

Maximum value of SAR (measured) = 2.674 mW/g

### Edge 1 and Edge 2 Tilt 40 deg/GPRS 2 slot\_Ch 251 w/ Pwr back-off (Sec.) (0 mm)/Zoom Scan (5x5x7)/Cube 0:

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

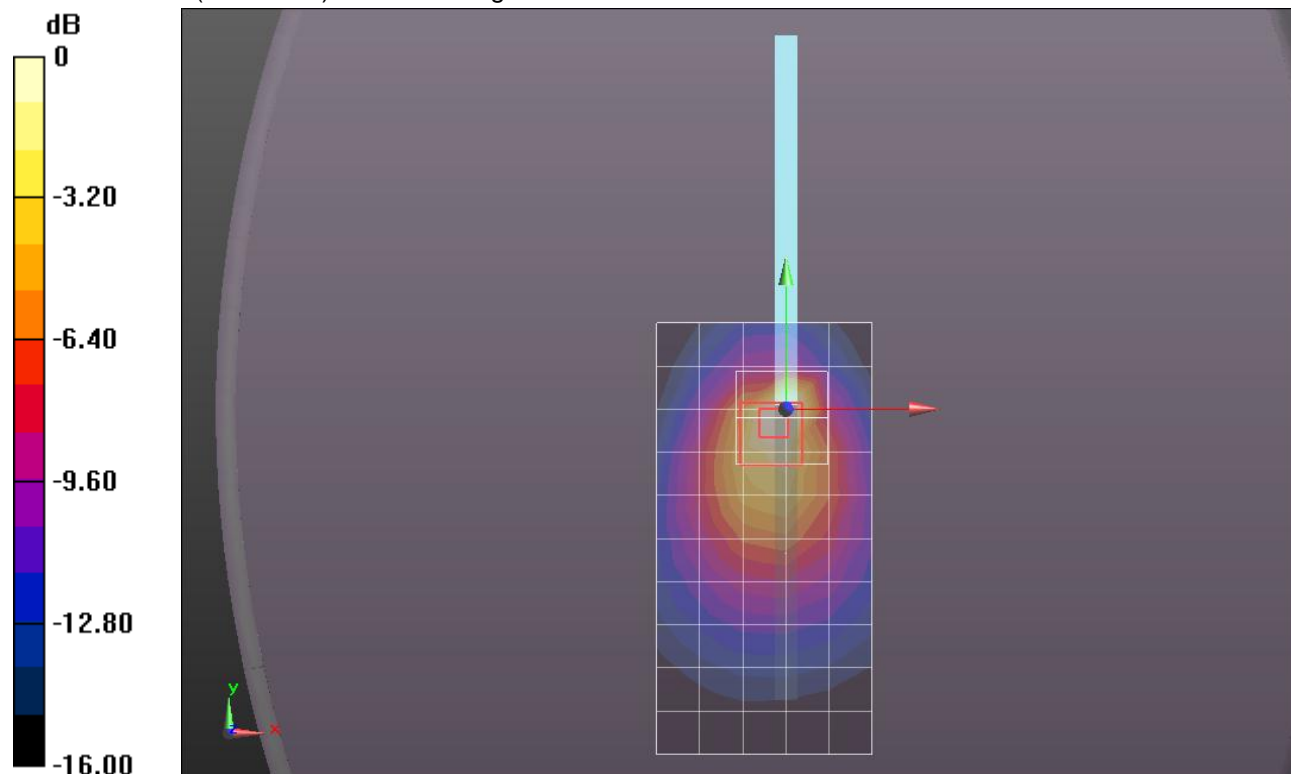
Reference Value = 30.724 V/m; Power Drift = 0.051 dB

Peak SAR (extrapolated) = 2.2440

**SAR(1 g) = 0.865 mW/g; SAR(10 g) = 0.415 mW/g**

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

Maximum value of SAR (measured) = 1.346 mW/g



0 dB = 1.350mW/g = 2.61 dB mW/g

## GSM850

Frequency: 848.8 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.989$  mho/m;  $\epsilon_r = 53.228$ ;  $\rho = 1000$  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(8.73, 8.73, 8.73); 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 and Edge 2 Tilt 40 deg/GPRS 2 slot\_Ch 251 w/ Pwr back-off (Sec.) (0 mm)/Area Scan (6x11x1):

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

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

Maximum value of SAR (measured) = 2.155 mW/g

### Edge 1 and Edge 2 Tilt 40 deg/GPRS 2 slot\_Ch 251 w/ Pwr back-off (Sec.) (0 mm)/Zoom Scan (5x5x7)/Cube 0:

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

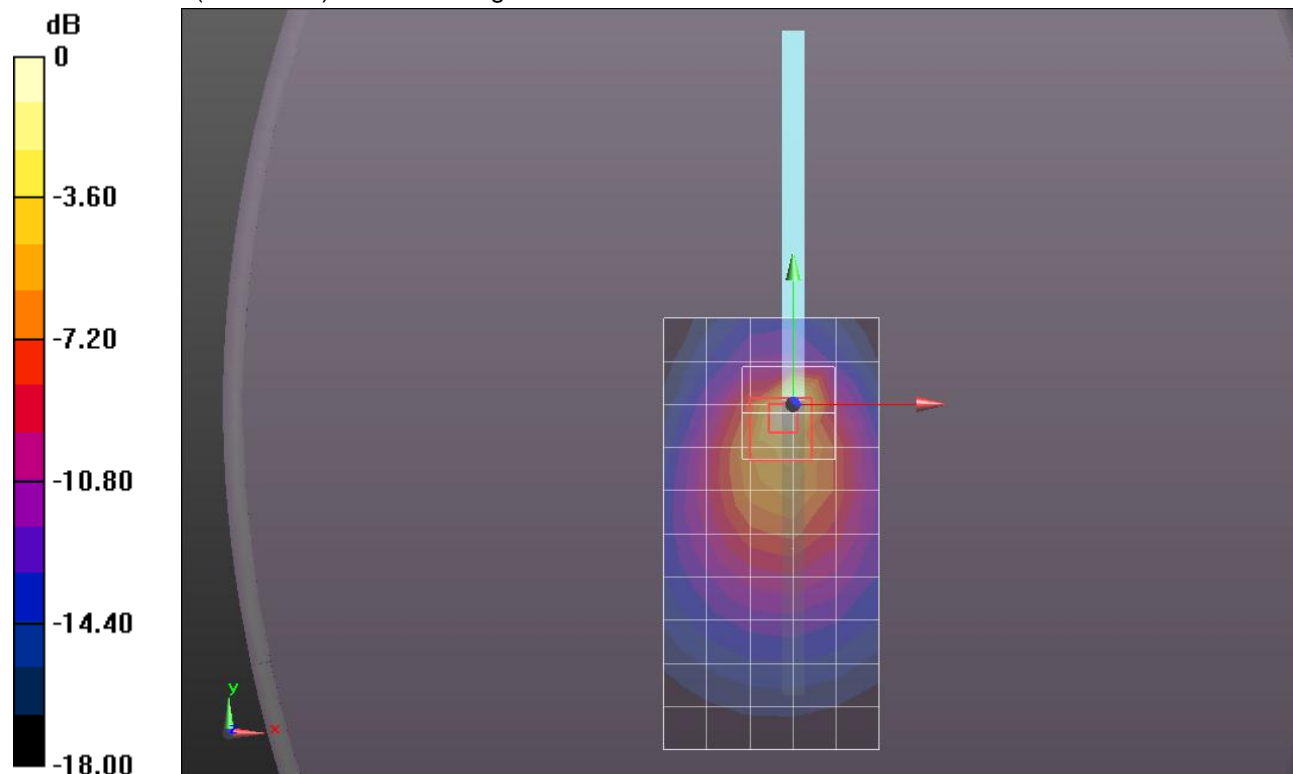
Reference Value = 34.550 V/m; Power Drift = 0.051 dB

Peak SAR (extrapolated) = 2.4840

**SAR(1 g) = 0.873 mW/g; SAR(10 g) = 0.407 mW/g**

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

Maximum value of SAR (measured) = 1.599 mW/g



0 dB = 1.600mW/g = 4.08 dB mW/g

## GSM850

Frequency: 824.4 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.96$  mho/m;  $\epsilon_r = 52.938$ ;  $\rho = 1000$  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(8.73, 8.73, 8.73); 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 2 Tilt 35 deg/GPRS 2 slot\_Ch 128 w/ Pwr back-off (Sec.) (0 mm)/Area Scan

**(7x17x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 1.320 mW/g

### Edge 2 Tilt 35 deg/GPRS 2 slot\_Ch 128 w/ Pwr back-off (Sec.) (0 mm)/Zoom Scan

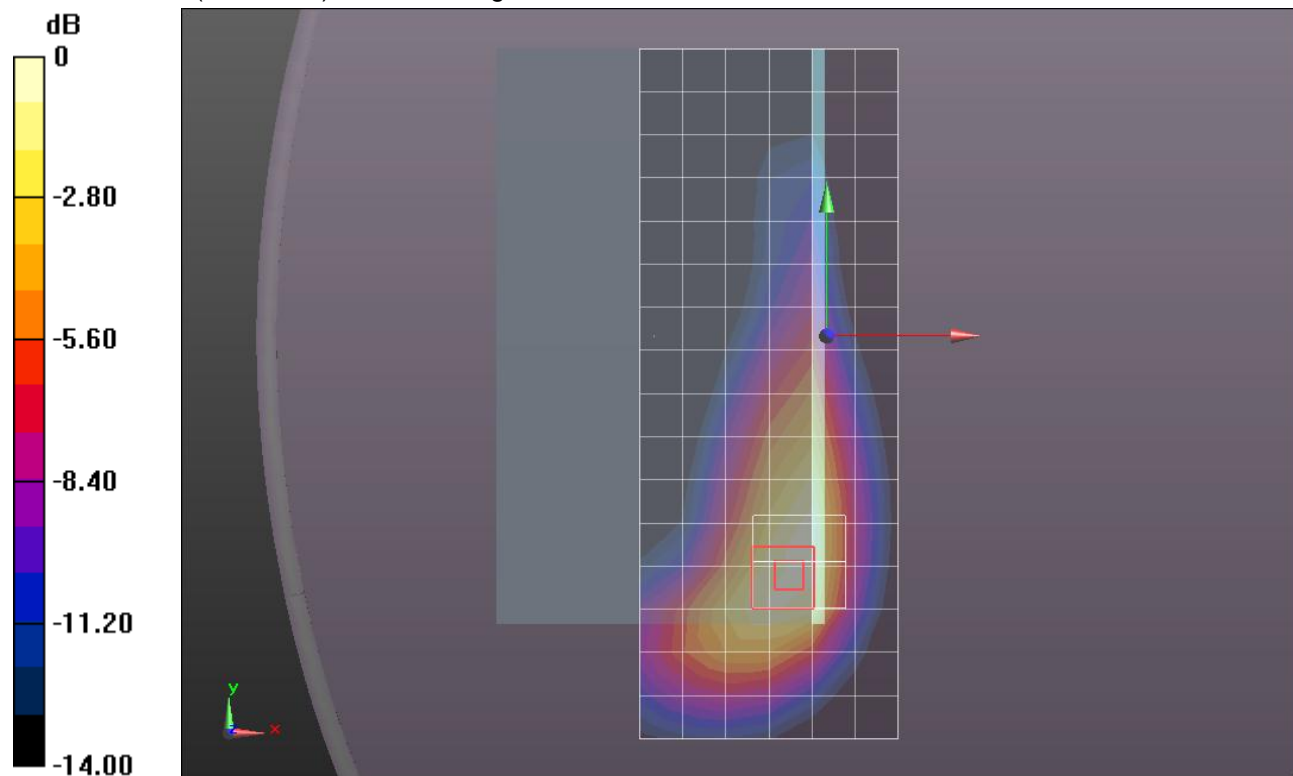
**(5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.478 V/m; Power Drift = 0.022 dB

Peak SAR (extrapolated) = 1.9180

**SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.698 mW/g**

Maximum value of SAR (measured) = 1.437 mW/g



0 dB = 1.440mW/g = 3.17 dB mW/g

## GSM850

Frequency: 836.6 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.971$  mho/m;  $\epsilon_r = 52.67$ ;  $\rho = 1000$  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(8.73, 8.73, 8.73); 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 2 Tilt 35 deg/GPRS 2 slot\_Ch 190 w/ Pwr back-off (Sec.) (0 mm)/Area Scan

**(7x17x1)**: Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.162 mW/g

### Edge 2 Tilt 35 deg/GPRS 2 slot\_Ch 190 w/ Pwr back-off (Sec.) (0 mm)/Zoom Scan

**(5x5x7)/Cube 0**: Measurement grid: dx=8mm, dy=8mm, dz=5mm

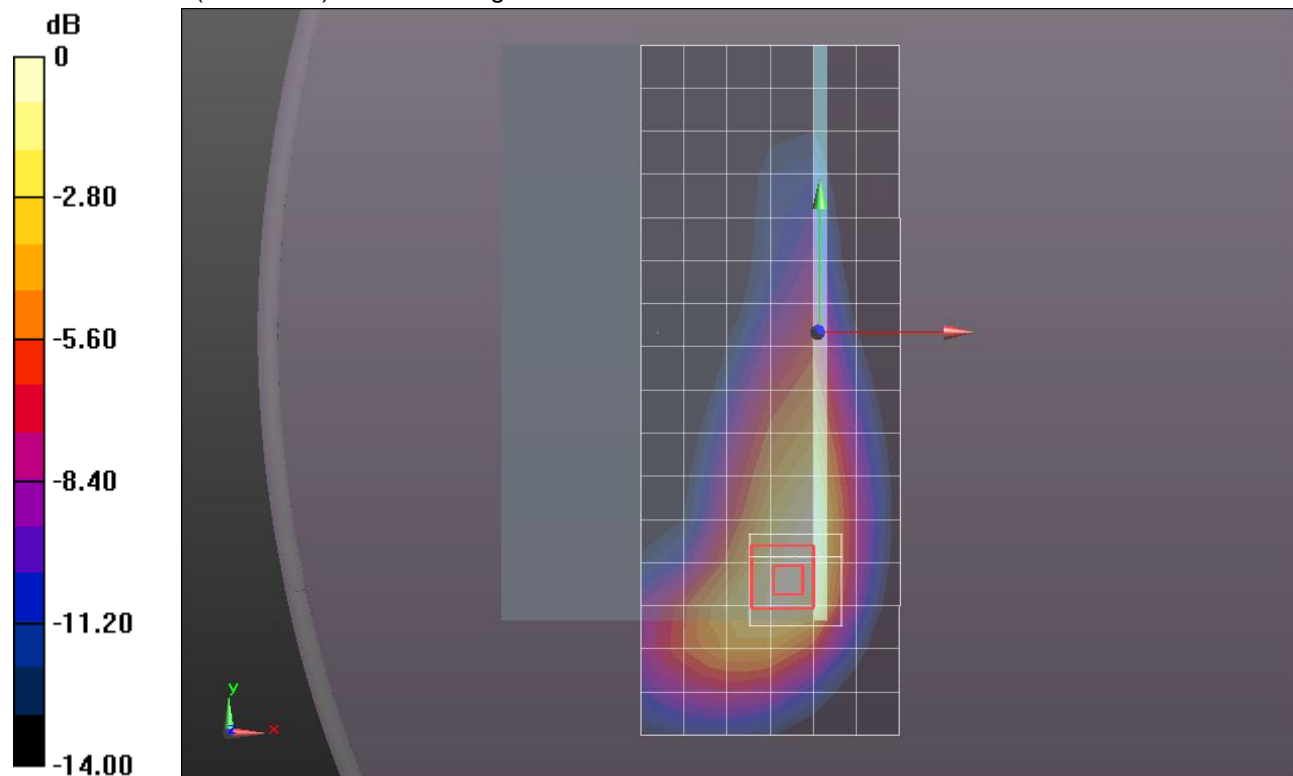
Reference Value = 33.312 V/m; Power Drift = 0.019 dB

Peak SAR (extrapolated) = 1.6410

**SAR(1 g) = 0.998 mW/g; SAR(10 g) = 0.624 mW/g**

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

Maximum value of SAR (measured) = 1.253 mW/g



0 dB = 1.250mW/g = 1.94 dB mW/g

## GSM850

Frequency: 848.8 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.982$  mho/m;  $\epsilon_r = 52.653$ ;  $\rho = 1000$  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(8.73, 8.73, 8.73); 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 2 Tilt 35 deg/GPRS 2 slot\_Ch 251 w/ Pwr back-off (Sec.) (0 mm)/Area Scan

**(7x17x1)**: Measurement grid: dx=15mm, dy=15mm

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

Maximum value of SAR (measured) = 1.114 mW/g

### Edge 2 Tilt 35 deg/GPRS 2 slot\_Ch 251 w/ Pwr back-off (Sec.) (0 mm)/Zoom Scan

**(5x5x7)/Cube 0**: Measurement grid: dx=8mm, dy=8mm, dz=5mm

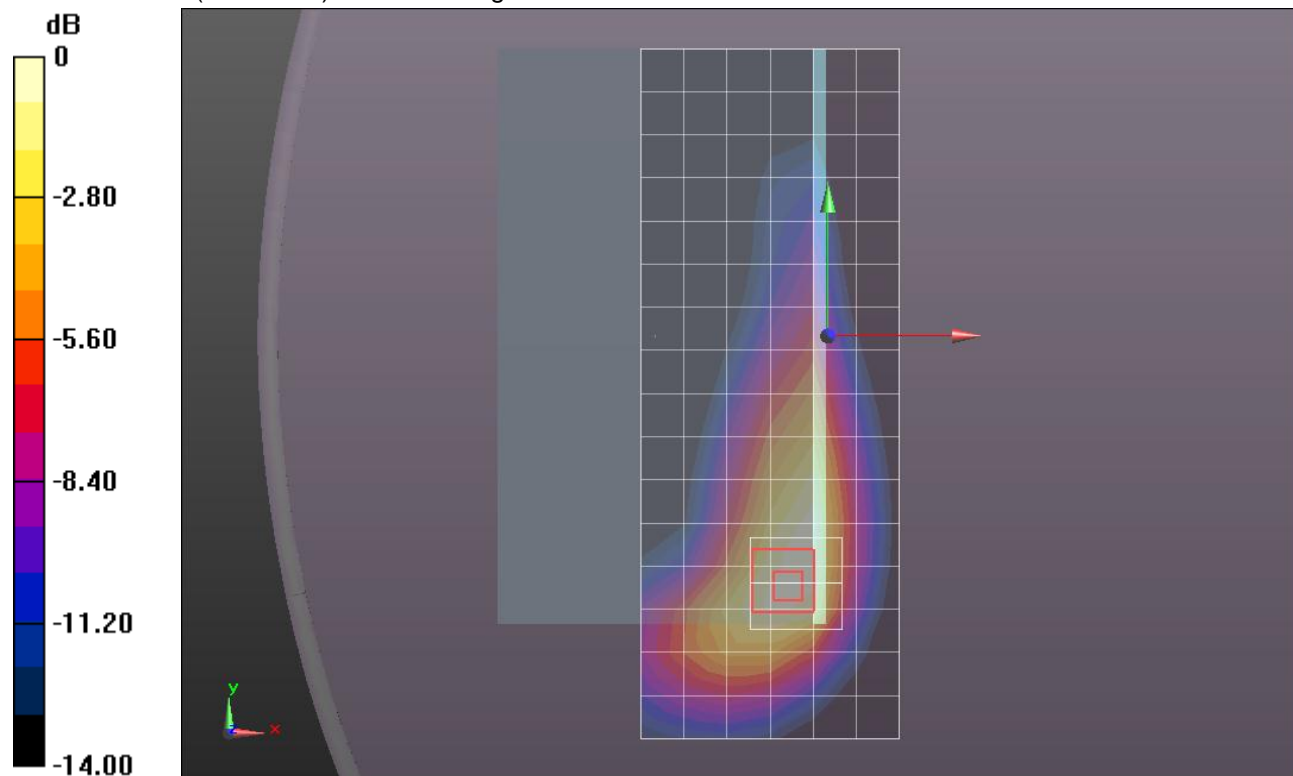
Reference Value = 32.519 V/m; Power Drift = 0.023 dB

Peak SAR (extrapolated) = 1.5630

**SAR(1 g) = 0.966 mW/g; SAR(10 g) = 0.601 mW/g**

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

Maximum value of SAR (measured) = 1.195 mW/g



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

## GSM850

Frequency: 824.4 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.965$  mho/m;  $\epsilon_r = 53.049$ ;  $\rho = 1000$  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(8.73, 8.73, 8.73); 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 slot\_Ch 128 w/o Pwr back-off (14 mm)/Area Scan (9x7x1): Measurement grid:

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

Maximum value of SAR (measured) = 1.214 mW/g

### Rear/GPRS 2 slot\_Ch 128 w/o Pwr back-off (14 mm)/Zoom Scan (5x5x7)/Cube 0:

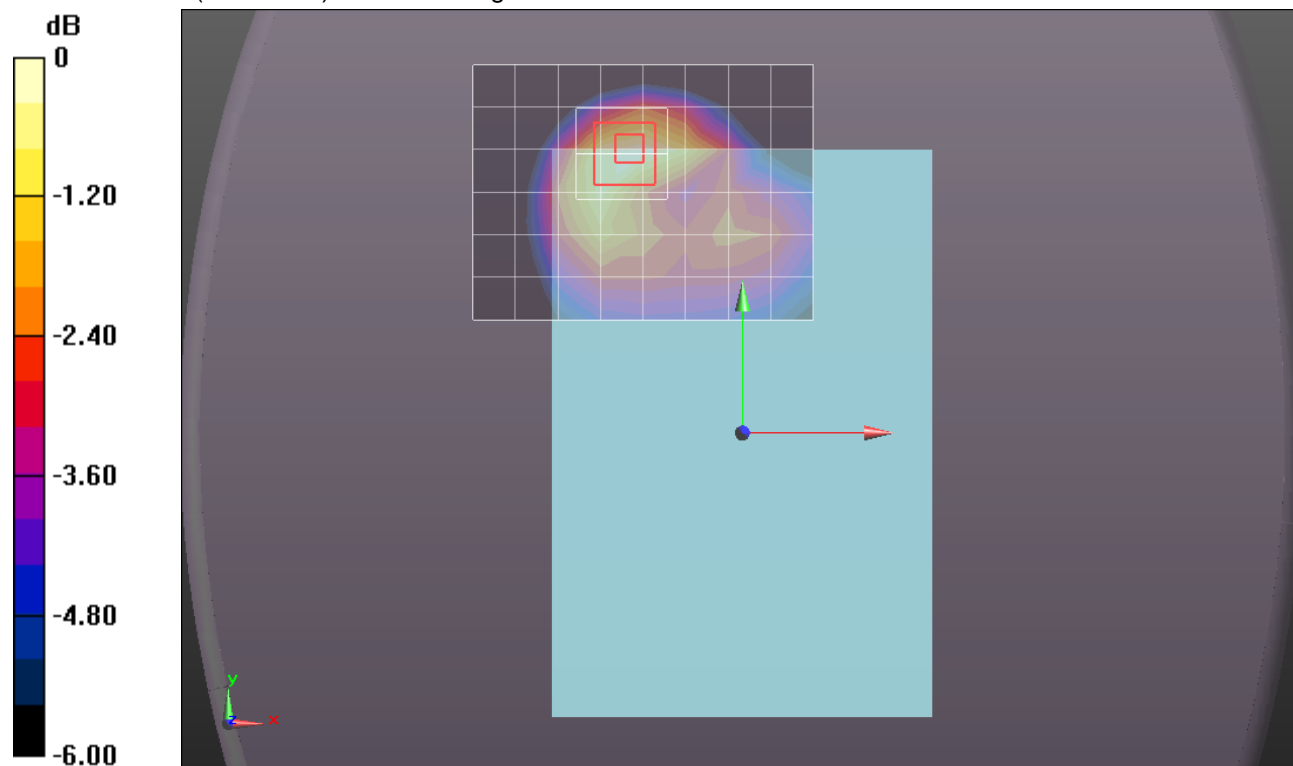
Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 35.874 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.4910

**SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.672 mW/g**

Maximum value of SAR (measured) = 1.235 mW/g



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

## GSM850

Frequency: 836.6 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.978$  mho/m;  $\epsilon_r = 53.078$ ;  $\rho = 1000$  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(8.73, 8.73, 8.73); 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 slot\_Ch 190 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) = 1.203 mW/g

### Rear/GPRS 2 slot\_Ch 190 w/o Pwr back-off (14 mm)/Zoom Scan (5x5x7)/Cube 0:

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

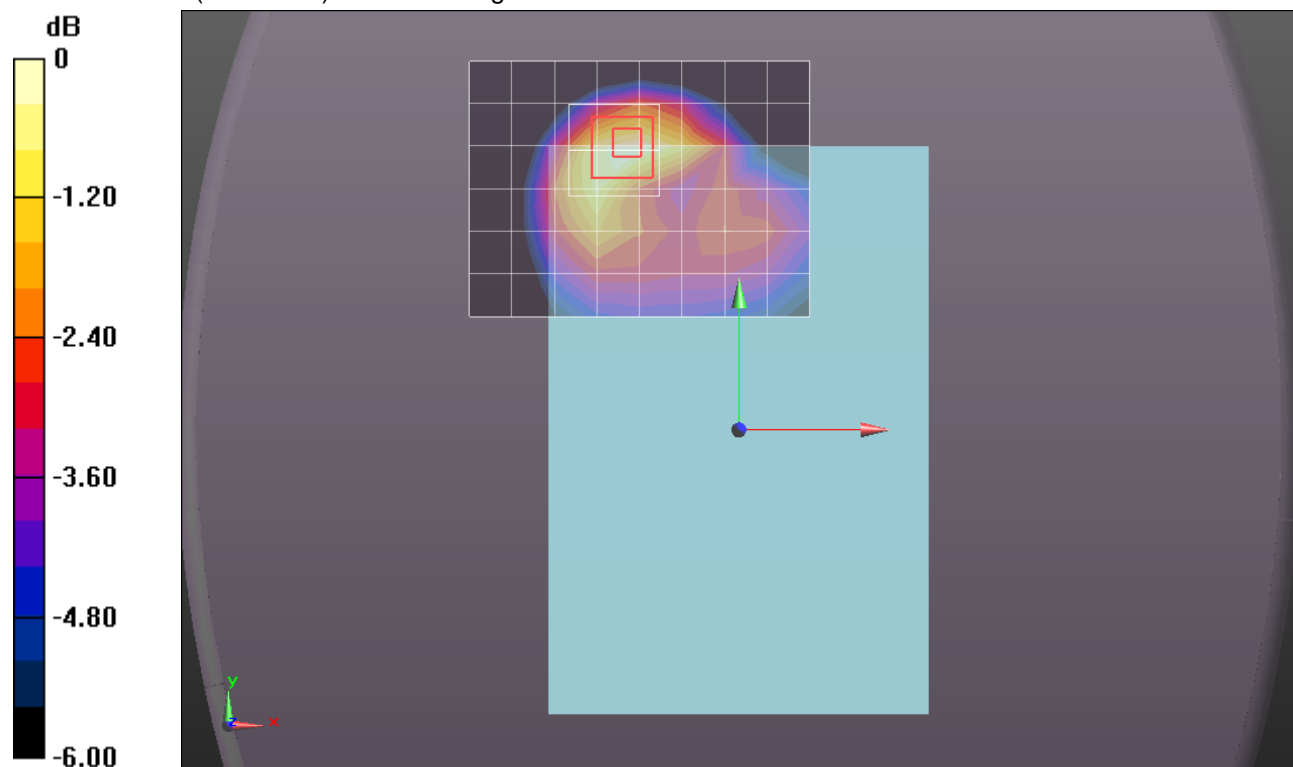
Reference Value = 35.662 V/m; Power Drift = 0.0012 dB

Peak SAR (extrapolated) = 1.5140

**SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.668 mW/g**

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

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



0 dB = 1.220mW/g = 1.73 dB mW/g



## GSM850

Frequency: 848.8 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.991$  mho/m;  $\epsilon_r = 52.879$ ;  $\rho = 1000$  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(8.73, 8.73, 8.73); 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 slot\_Ch 251 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) = 1.204 mW/g

### Rear/GPRS 2 slot\_Ch 251 w/o Pwr back-off (14 mm)/Zoom Scan (5x5x7)/Cube 0:

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

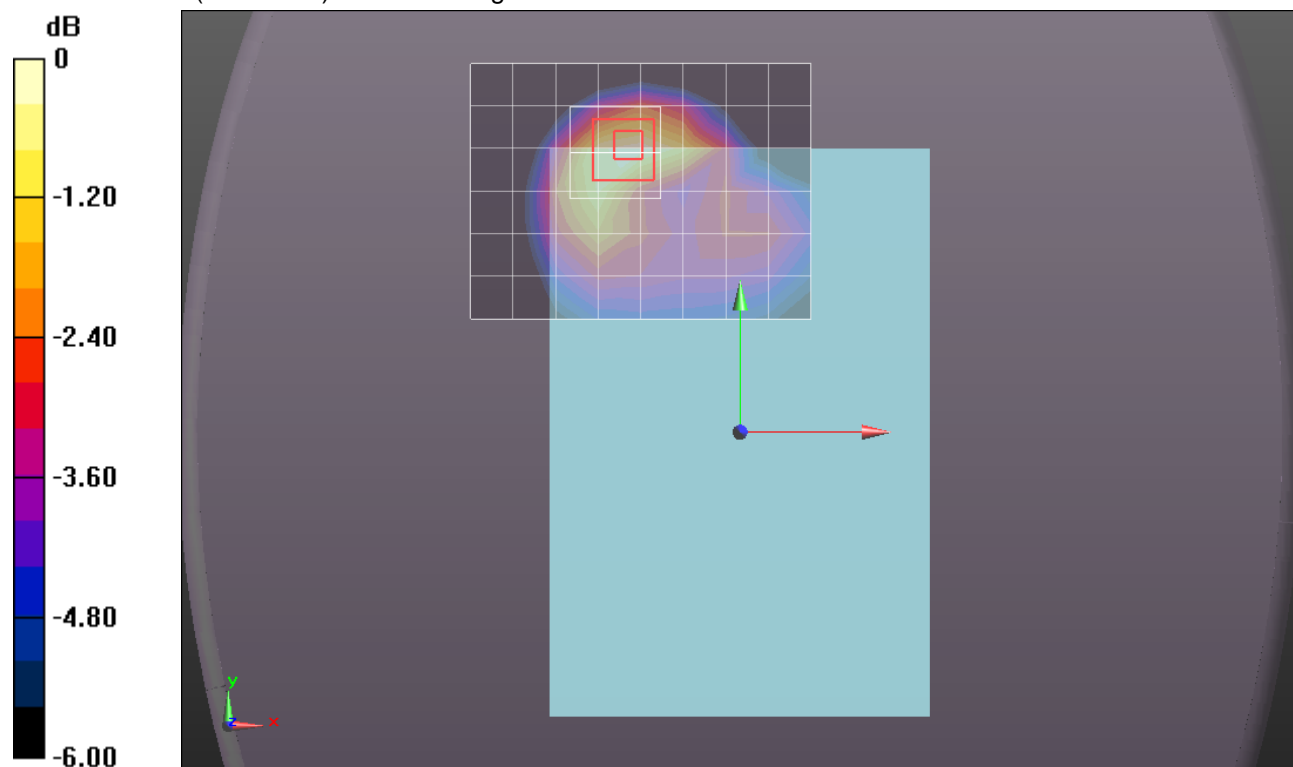
Reference Value = 35.471 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.4960

**SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.661 mW/g**

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

Maximum value of SAR (measured) = 1.227 mW/g



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

## GSM850

Frequency: 824.4 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.965$  mho/m;  $\epsilon_r = 53.049$ ;  $\rho = 1000$  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(8.73, 8.73, 8.73); 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 slot\_Ch 128 w/o Pwr back-off (14 mm)/Area Scan (6x11x1): Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.917 mW/g

### Edge 1/GPRS 2 slot\_Ch 128 w/o Pwr back-off (14 mm)/Zoom Scan (5x5x7)/Cube 0:

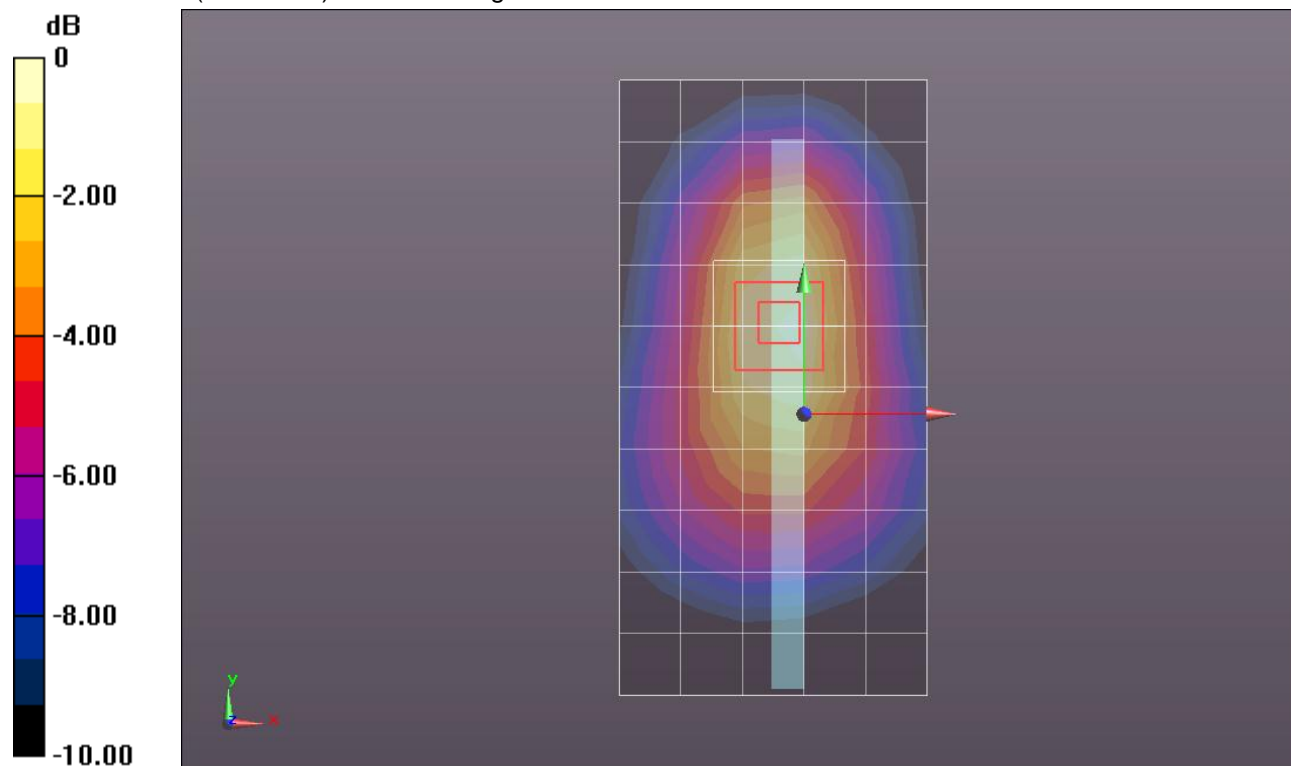
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.884 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.1900

**SAR(1 g) = 0.841 mW/g; SAR(10 g) = 0.561 mW/g**

Maximum value of SAR (measured) = 1.002 mW/g



0 dB = 1.000mW/g = 0 dB mW/g

## GSM850

Frequency: 836.6 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.978$  mho/m;  $\epsilon_r = 53.078$ ;  $\rho = 1000$  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(8.73, 8.73, 8.73); 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 slot\_Ch 190 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) = 0.915 mW/g

### Edge 1/GPRS 2 slot\_Ch 190 w/o Pwr back-off (14 mm)/Zoom Scan (5x5x7)/Cube 0:

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

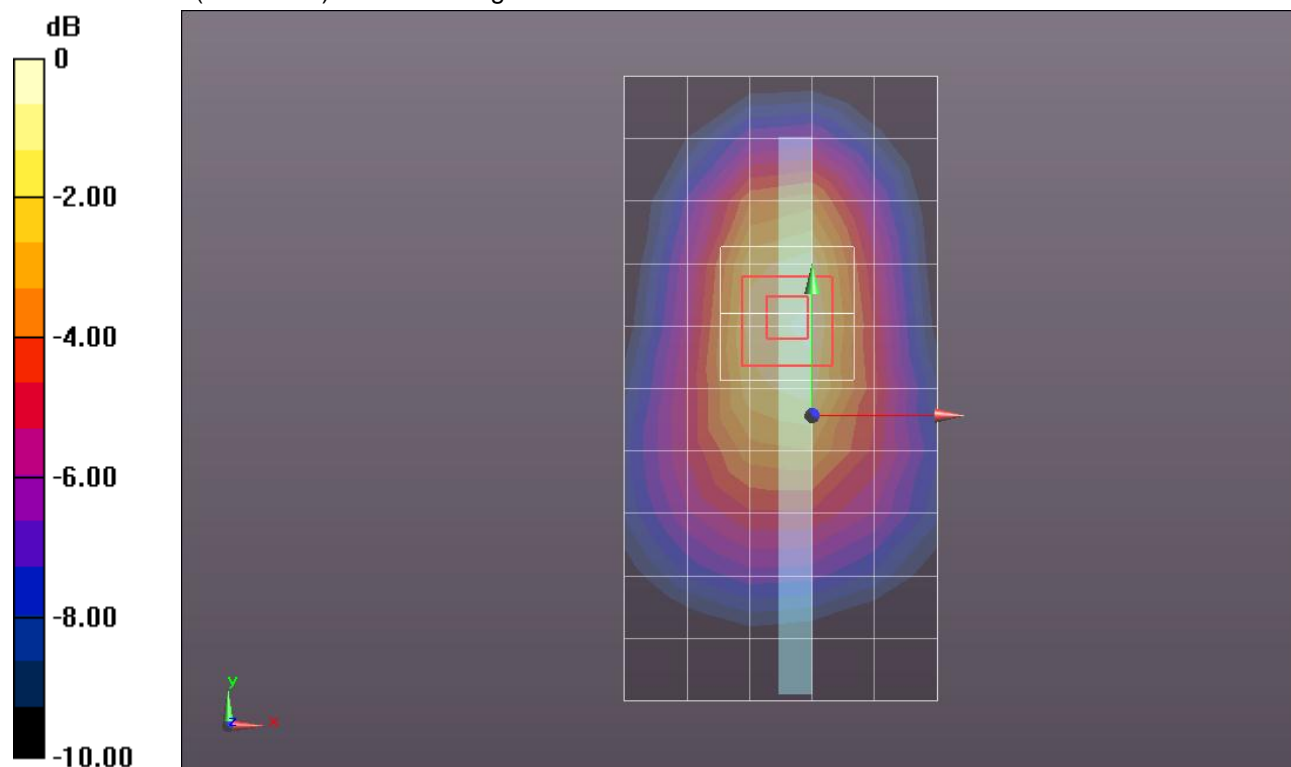
Reference Value = 30.762 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.1970

**SAR(1 g) = 0.844 mW/g; SAR(10 g) = 0.561 mW/g**

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

Maximum value of SAR (measured) = 1.007 mW/g



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

## GSM850

Frequency: 848.8 MHz; Duty Cycle: 1:4.00037; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C  
Medium parameters used (interpolated):  $f = 848.8$  MHz;  $\sigma = 0.991$  mho/m;  $\epsilon_r = 52.879$ ;  $\rho = 1000$  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(8.73, 8.73, 8.73); 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 slot\_Ch 251 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) = 0.904 mW/g

### Edge 1/GPRS 2 slot\_Ch 251 w/o Pwr back-off (14 mm)/Zoom Scan (5x5x7)/Cube 0:

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

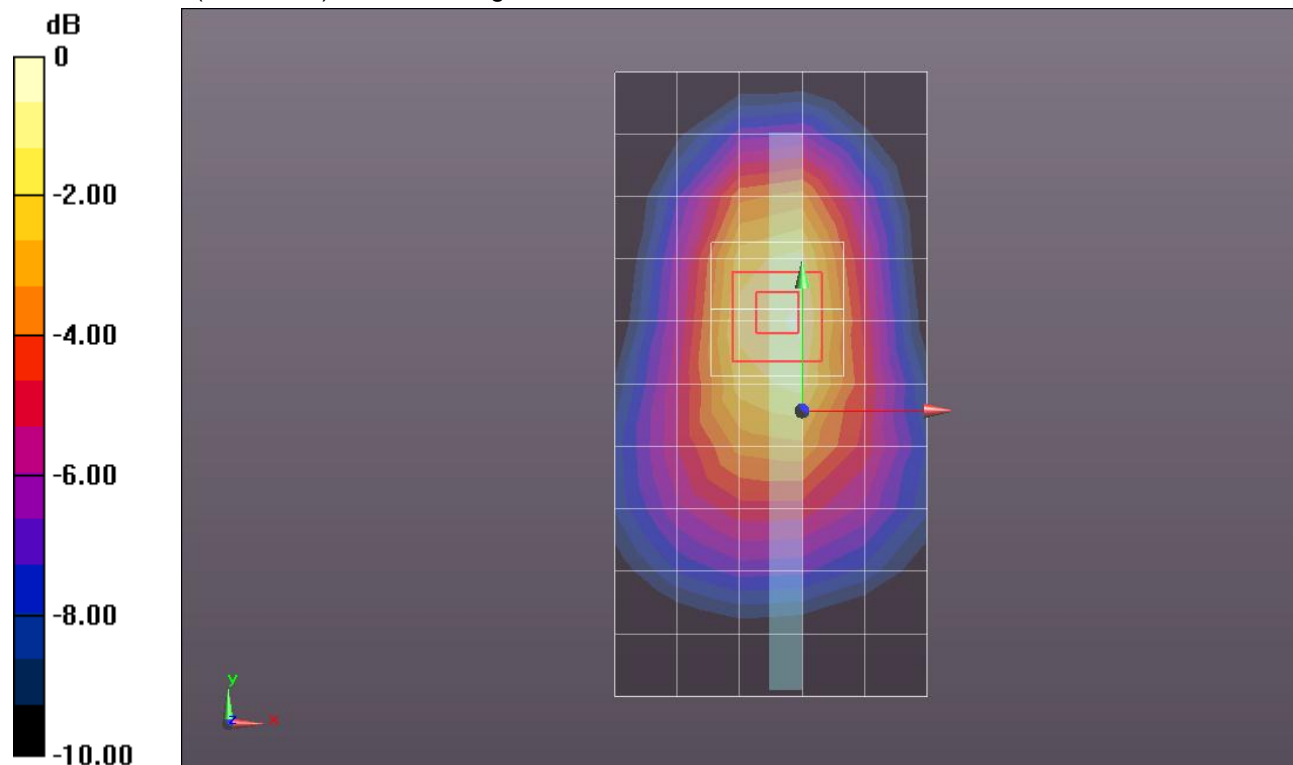
Reference Value = 30.366 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.2020

**SAR(1 g) = 0.835 mW/g; SAR(10 g) = 0.552 mW/g**

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

Maximum value of SAR (measured) = 1.005 mW/g



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