



## ***Appendix A. Plots of System Performance Check***

The plots are shown as follows.

### System Check\_Head\_835MHz\_131122

**DUT: D835V2 - SN:4d091**

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: HSL\_835\_131122 Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.905 \text{ mho/m}$ ;  $\epsilon_r = 42.233$ ;

$\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.3 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.35, 9.35, 9.35); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Pin=250mW/Area Scan (61x61x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $3.074 \text{ mW/g}$

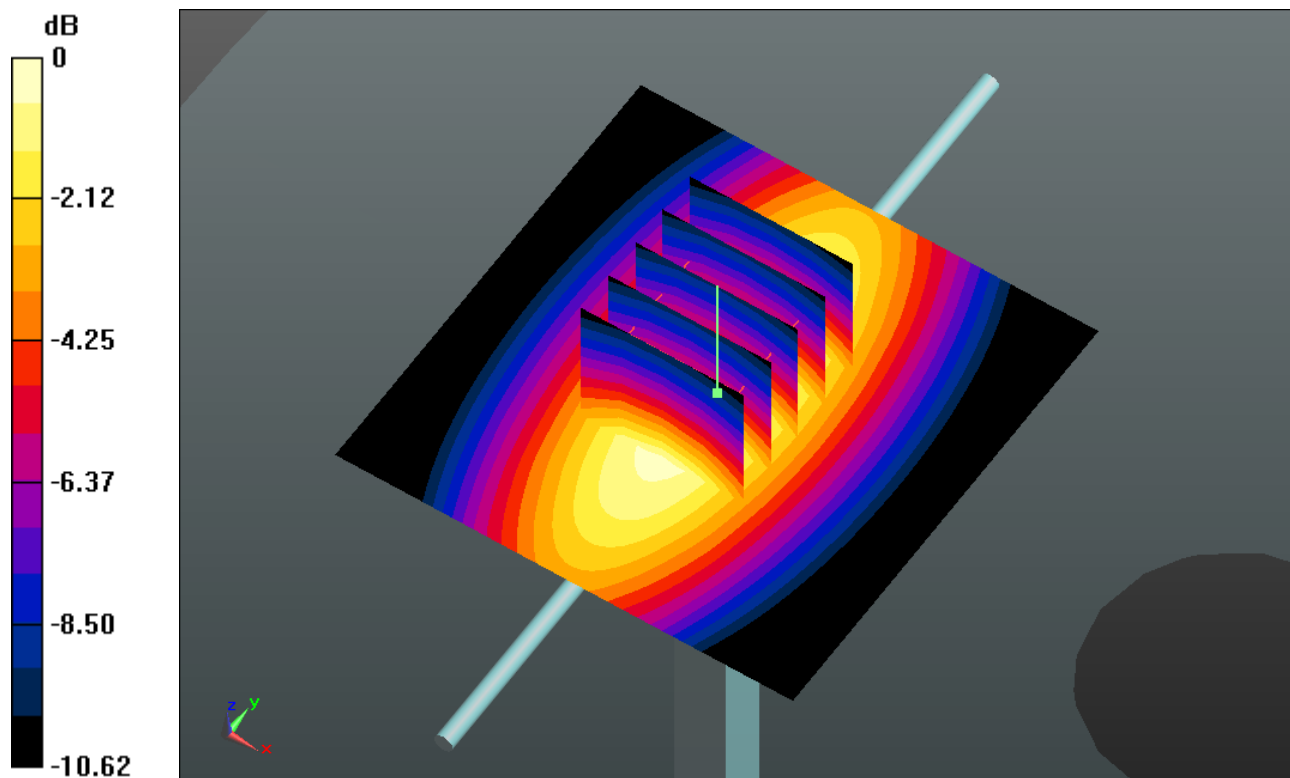
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $53.783 \text{ V/m}$ ; Power Drift =  $-0.01 \text{ dB}$

Peak SAR (extrapolated) =  $3.628 \text{ W/kg}$

**SAR(1 g) =  $2.42 \text{ mW/g}$ ; SAR(10 g) =  $1.59 \text{ mW/g}$**

Maximum value of SAR (measured) =  $3.077 \text{ mW/g}$



0 dB =  $3.080 \text{ mW/g}$

### System Check\_Head\_1900MHz\_131121

#### DUT: D1900V2 - SN:5d118

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_131121 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.425$  mho/m;  $\epsilon_r =$

$38.89$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.04, 8.04, 8.04); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Pin=250mW/Area Scan (61x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 14.306 mW/g

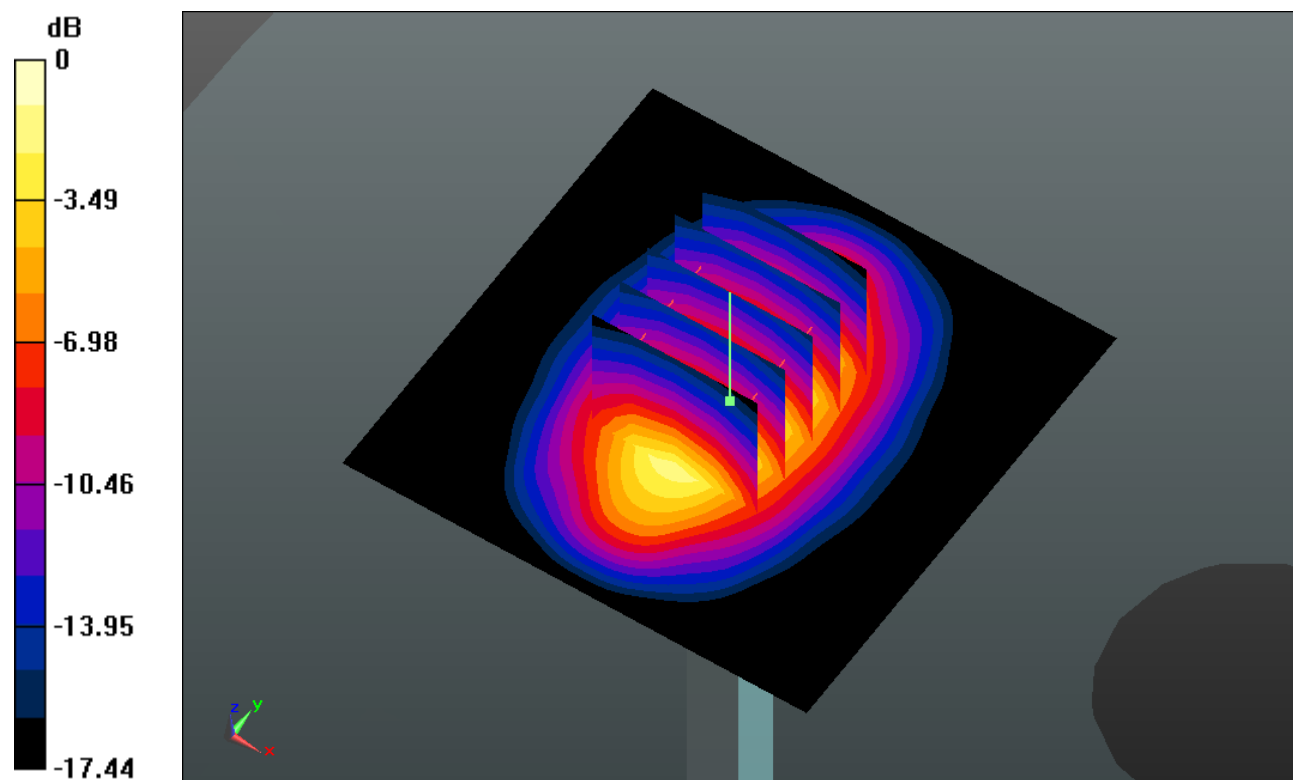
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 88.749 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 18.040 W/kg

**SAR(1 g) = 9.91 mW/g; SAR(10 g) = 5.2 mW/g**

Maximum value of SAR (measured) = 14.260 mW/g



0 dB = 14.260mW/g

### System Check\_Head\_2450MHz\_131122

#### DUT: D2450V2 - SN:840

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: HSL\_2450\_131122 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.817$  mho/m;  $\epsilon_r =$

$39.195$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.05, 7.05, 7.05); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Pin=250mW/Area Scan (71x71x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 20.984 mW/g

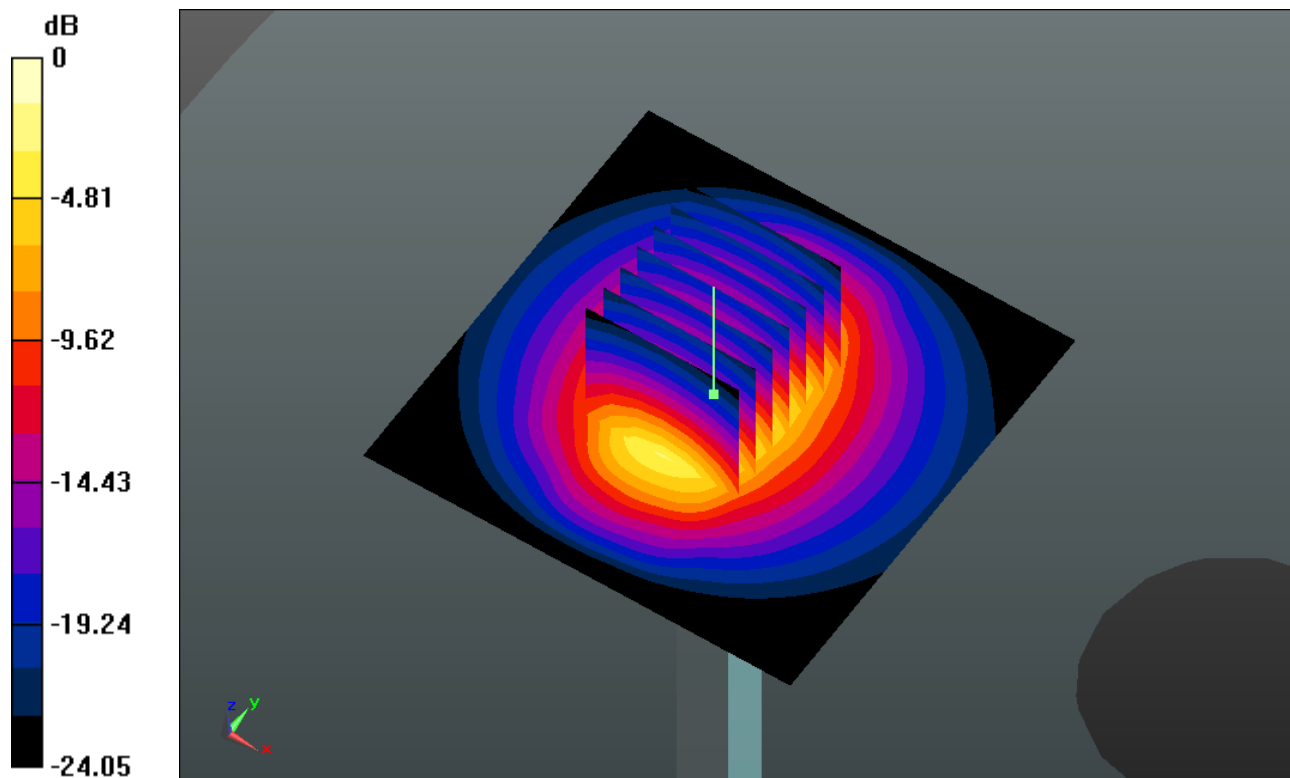
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 90.907 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 27.988 W/kg

**SAR(1 g) = 13.1 mW/g; SAR(10 g) = 5.9 mW/g**

Maximum value of SAR (measured) = 20.394 mW/g



0 dB = 20.390mW/g

### System Check\_Body\_835MHz\_131122

#### DUT: D835V2 - SN:4d091

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: MSL\_835\_131122 Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.983 \text{ mho/m}$ ;  $\epsilon_r = 54.851$ ;

$\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.4 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.5 \text{ }^\circ\text{C}$

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.48, 9.48, 9.48); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Pin=250mW/Area Scan (61x61x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $2.877 \text{ mW/g}$

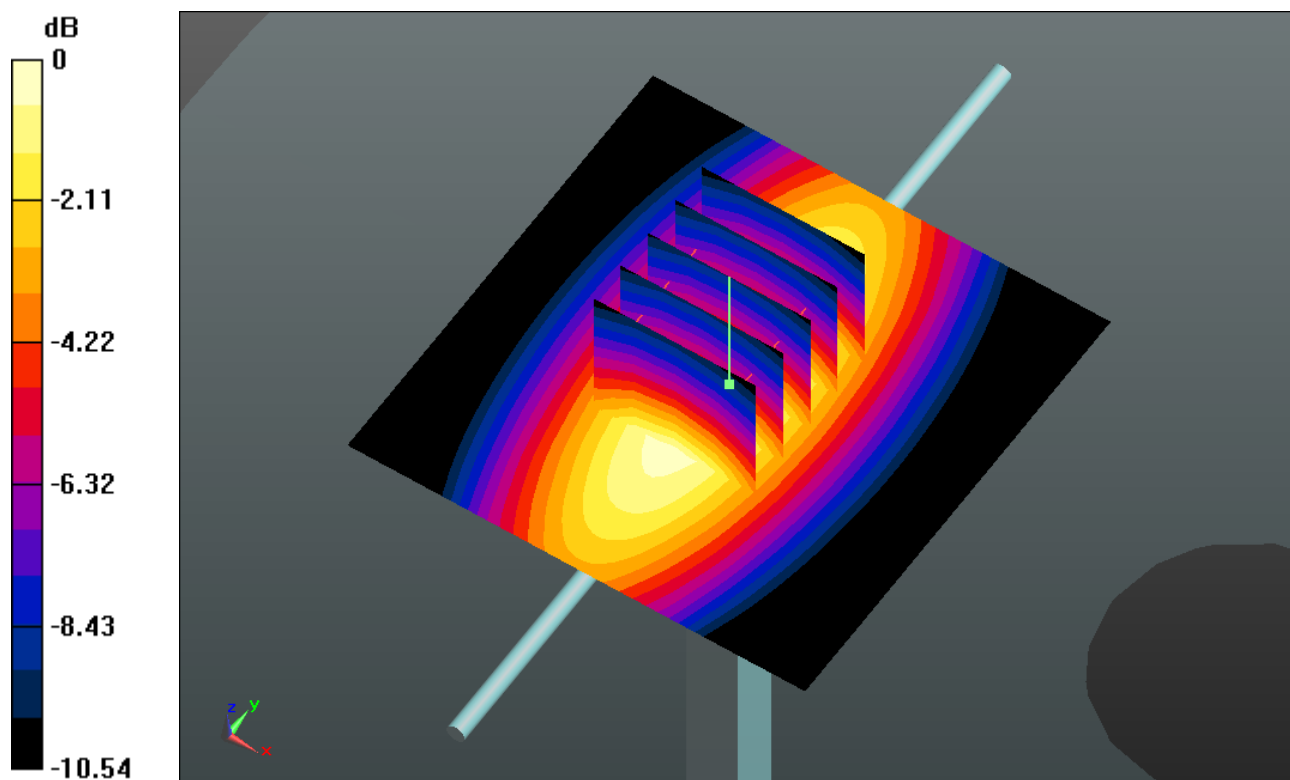
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $49.780 \text{ V/m}$ ; Power Drift =  $-0.02 \text{ dB}$

Peak SAR (extrapolated) =  $3.359 \text{ W/kg}$

**SAR(1 g) =  $2.25 \text{ mW/g}$ ; SAR(10 g) =  $1.48 \text{ mW/g}$**

Maximum value of SAR (measured) =  $2.860 \text{ mW/g}$



0 dB =  $2.860 \text{ mW/g}$

**System Check\_Body\_1900MHz\_131121**

**DUT: D1900V2 - SN:5d118**

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_131121 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.555$  mho/m;  $\epsilon_r =$

$53.533$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.9 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(7.52, 7.52, 7.52); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Pin=250mW/Area Scan (61x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 14.658 mW/g

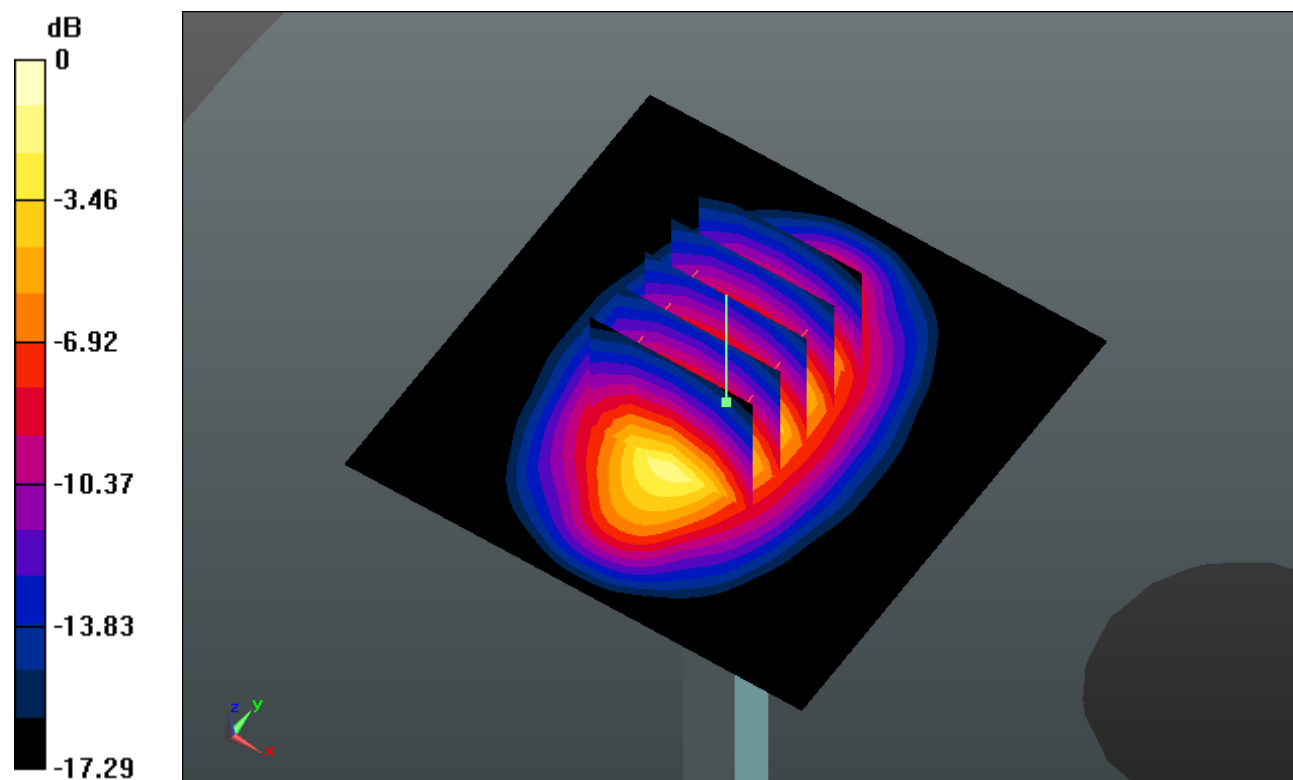
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 87.566 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 17.973 W/kg

**SAR(1 g) = 10.3 mW/g; SAR(10 g) = 5.4 mW/g**

Maximum value of SAR (measured) = 14.613 mW/g



0 dB = 14.610mW/g

### System Check\_Body\_2450MHz\_131121

#### DUT: D2450V2 - SN:840

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_131121 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.94$  mho/m;  $\epsilon_r =$

$51.413$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7, 7, 7); Calibrated: 2013.06.20

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19

- Phantom: SAM2; Type: SAM; Serial: TP-1477

- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Pin=250mW/Area Scan (71x71x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 19.625 mW/g

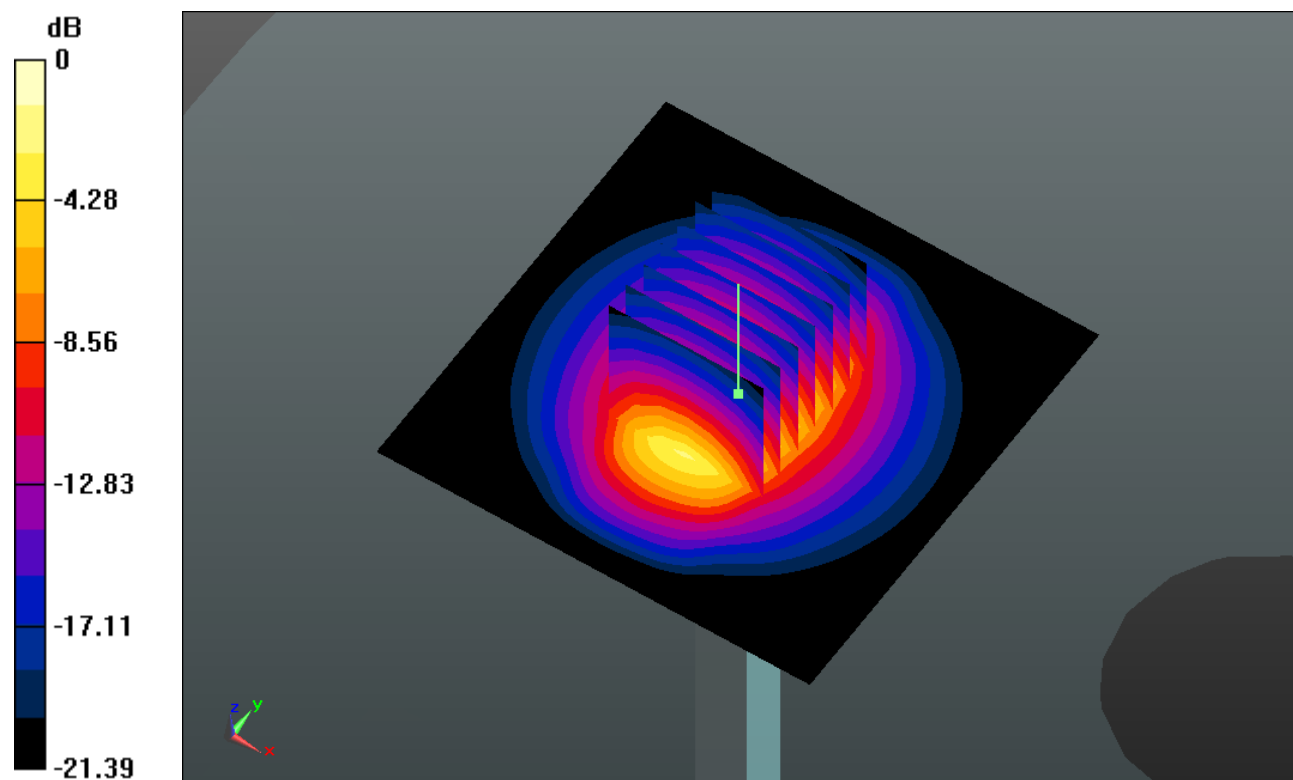
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 86.184 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 25.816 W/kg

**SAR(1 g) = 12.6 mW/g; SAR(10 g) = 5.83 mW/g**

Maximum value of SAR (measured) = 19.173 mW/g



0 dB = 19.170mW/g



## ***Appendix B. Plots of SAR Measurement***

The plots are shown as follows.



### #01\_GSM850\_GSM Voice\_Right Cheek\_Ch128

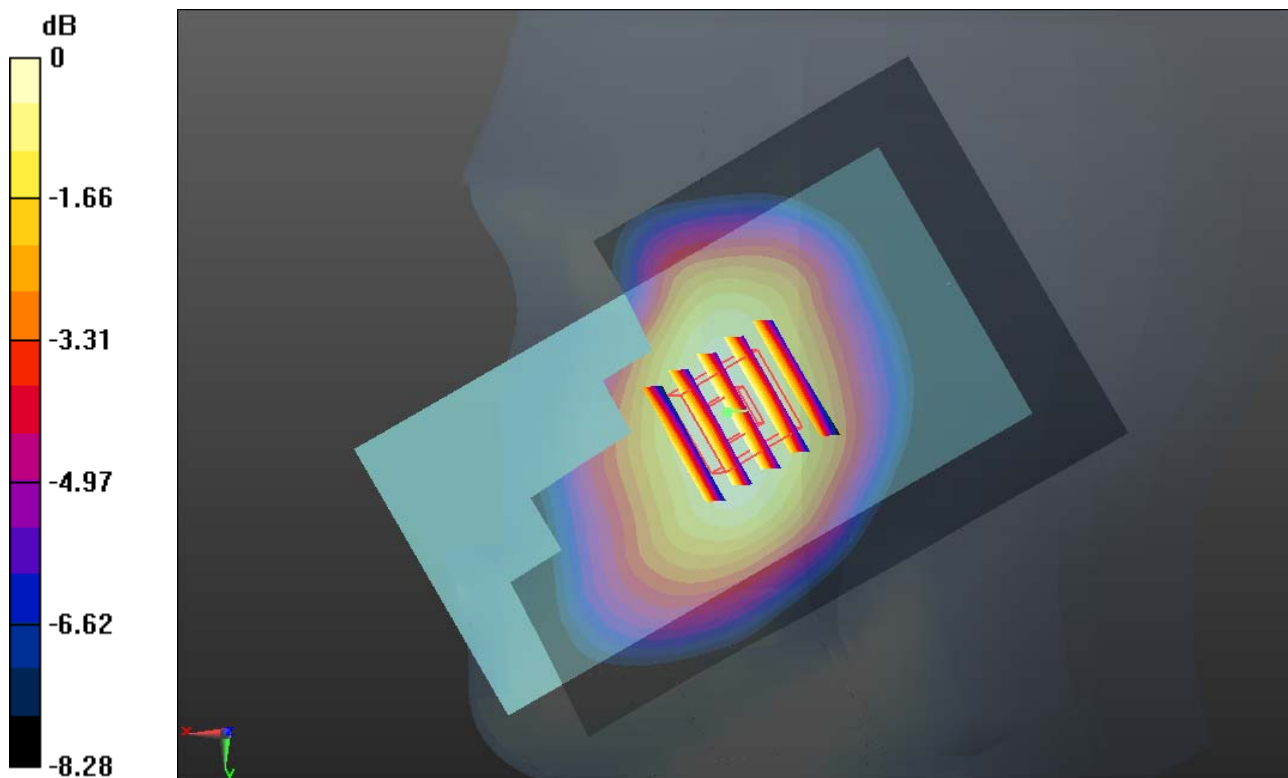
Communication System: General GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.3  
Medium: HSL\_835\_131122 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.895$  mho/m;  $\epsilon_r = 42.361$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.35, 9.35, 9.35); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch128/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.258 mW/g

**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 3.571 V/m; Power Drift = -0.02 dB  
Peak SAR (extrapolated) = 0.279 W/kg  
**SAR(1 g) = 0.230 mW/g; SAR(10 g) = 0.181 mW/g**  
Maximum value of SAR (measured) = 0.257 mW/g



0 dB = 0.260mW/g

### #02\_GSM850\_GSM Voice\_Right Tilted\_Ch128

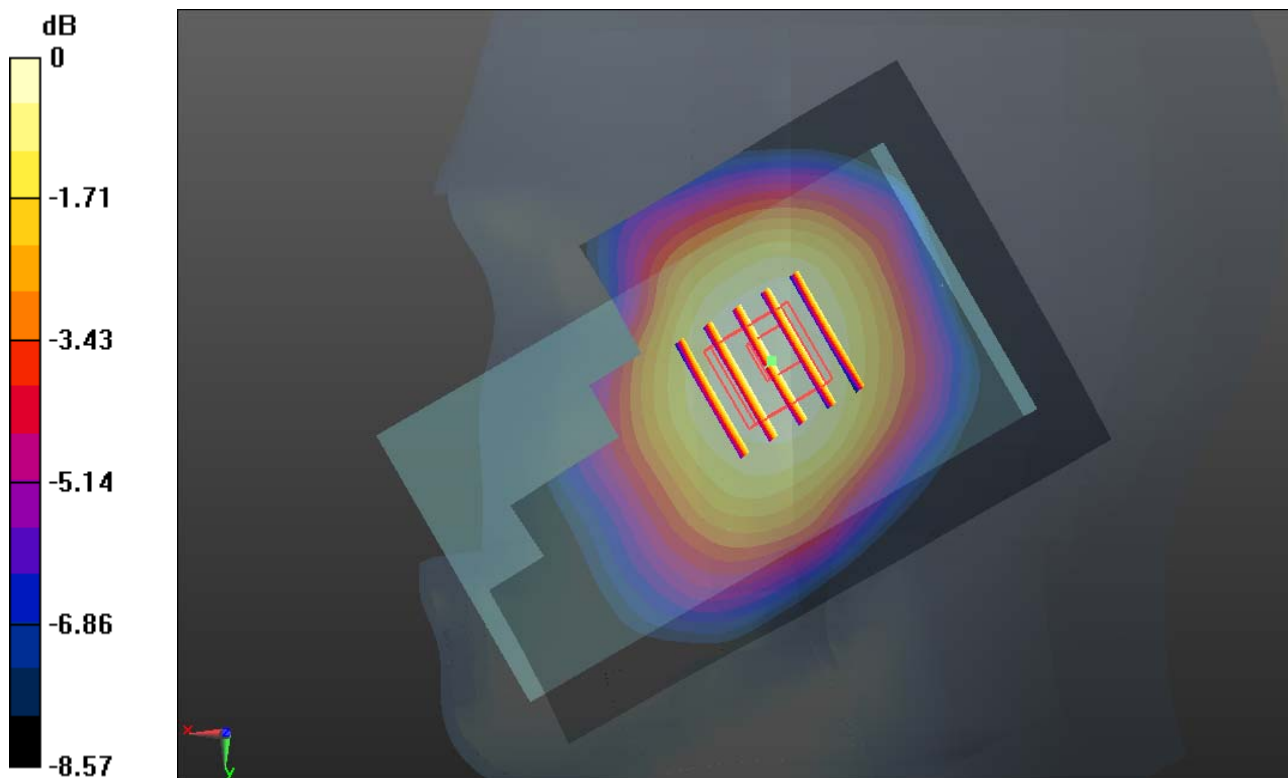
Communication System: General GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.3  
Medium: HSL\_835\_131122 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.895$  mho/m;  $\epsilon_r = 42.361$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.35, 9.35, 9.35); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch128/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.153 mW/g

**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 6.452 V/m; Power Drift = -0.08 dB  
Peak SAR (extrapolated) = 0.167 W/kg  
**SAR(1 g) = 0.137 mW/g; SAR(10 g) = 0.107 mW/g**  
Maximum value of SAR (measured) = 0.152 mW/g



0 dB = 0.150mW/g

**#03\_GSM850\_GSM Voice\_Left Cheek\_Ch128**

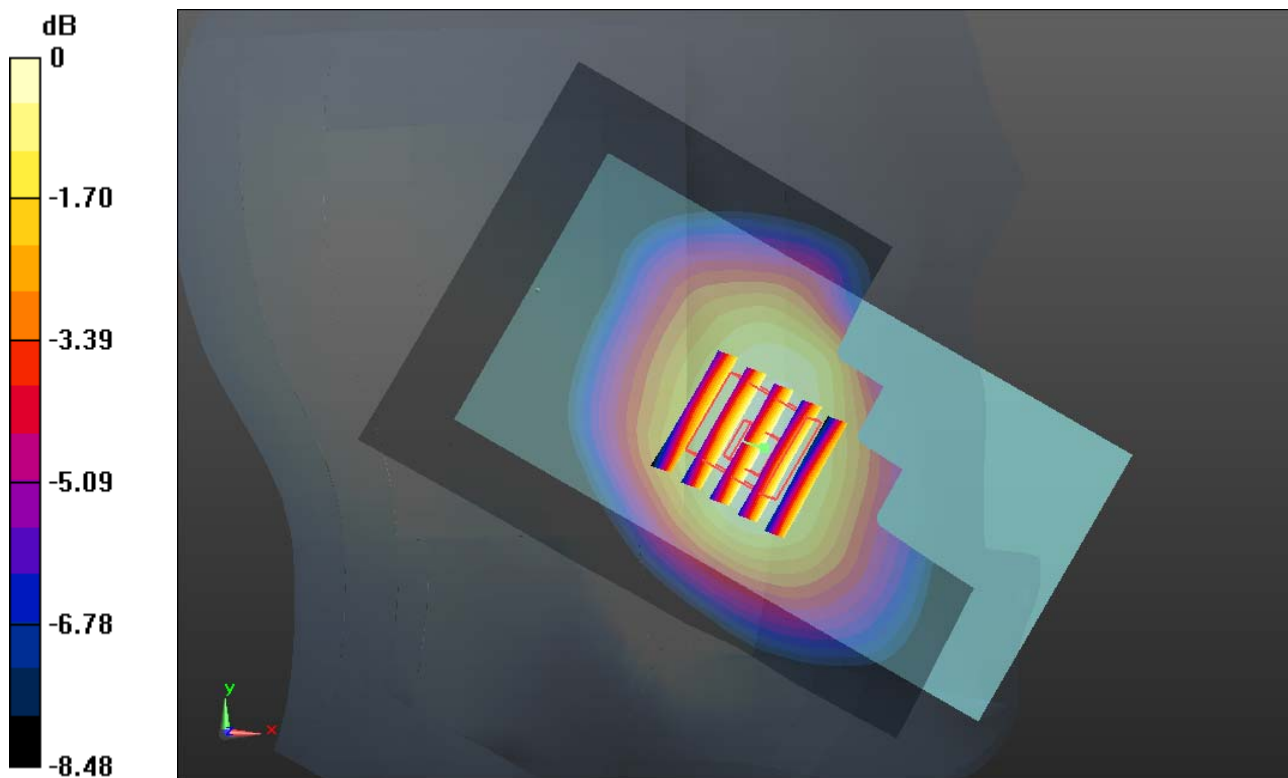
Communication System: General GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.3  
 Medium: HSL\_835\_131122 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.895$  mho/m;  $\epsilon_r = 42.361$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(9.35, 9.35, 9.35); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch128/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.286 mW/g

**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 3.874 V/m; Power Drift = 0.08 dB  
 Peak SAR (extrapolated) = 0.314 W/kg  
**SAR(1 g) = 0.255 mW/g; SAR(10 g) = 0.200 mW/g**  
 Maximum value of SAR (measured) = 0.287 mW/g



0 dB = 0.290mW/g

**#04\_GSM850\_GSM Voice\_Left Tilted\_Ch128**

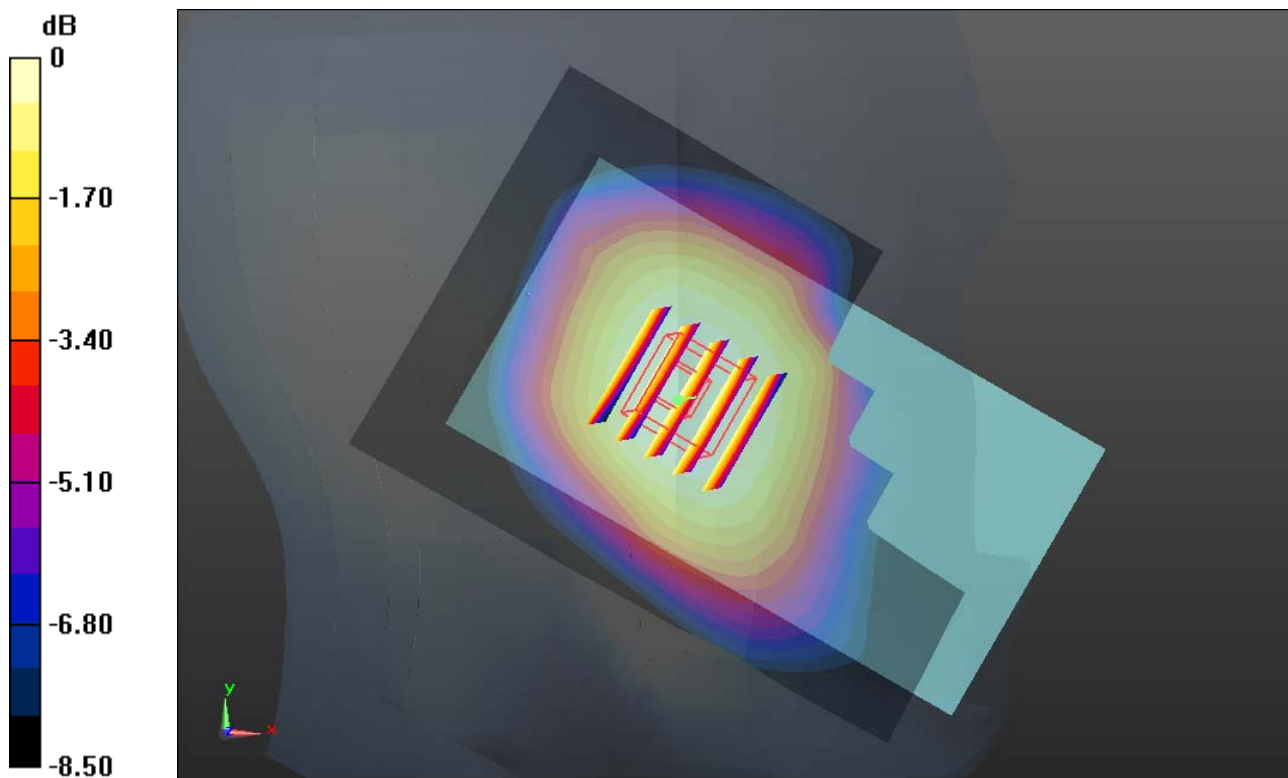
Communication System: General GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.3  
 Medium: HSL\_835\_131122 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.895$  mho/m;  $\epsilon_r = 42.361$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(9.35, 9.35, 9.35); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch128/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.152 mW/g

**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 6.397 V/m; Power Drift = 0.14 dB  
 Peak SAR (extrapolated) = 0.163 W/kg  
**SAR(1 g) = 0.135 mW/g; SAR(10 g) = 0.106 mW/g**  
 Maximum value of SAR (measured) = 0.150 mW/g



0 dB = 0.150mW/g

### #07\_GSM1900\_GSM Voice\_Right Cheek\_Ch512

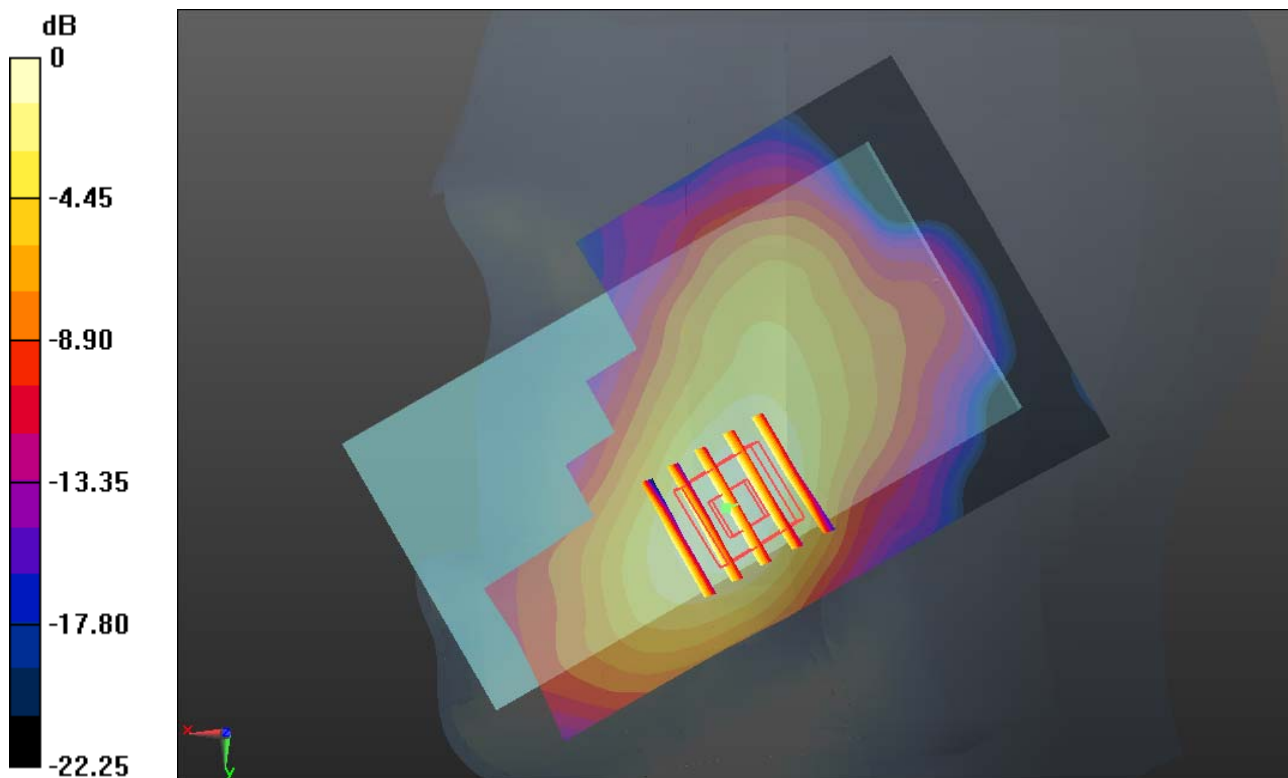
Communication System: General GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3  
Medium: HSL\_1900\_131121 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.375$  mho/m;  $\epsilon_r = 39.073$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.04, 8.04, 8.04); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch512/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.160 mW/g

**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 3.036 V/m; Power Drift = -0.06 dB  
Peak SAR (extrapolated) = 0.196 W/kg  
**SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.078 mW/g**  
Maximum value of SAR (measured) = 0.161 mW/g



0 dB = 0.160mW/g

### #08\_GSM1900\_GSM Voice\_Right Tilted\_Ch512

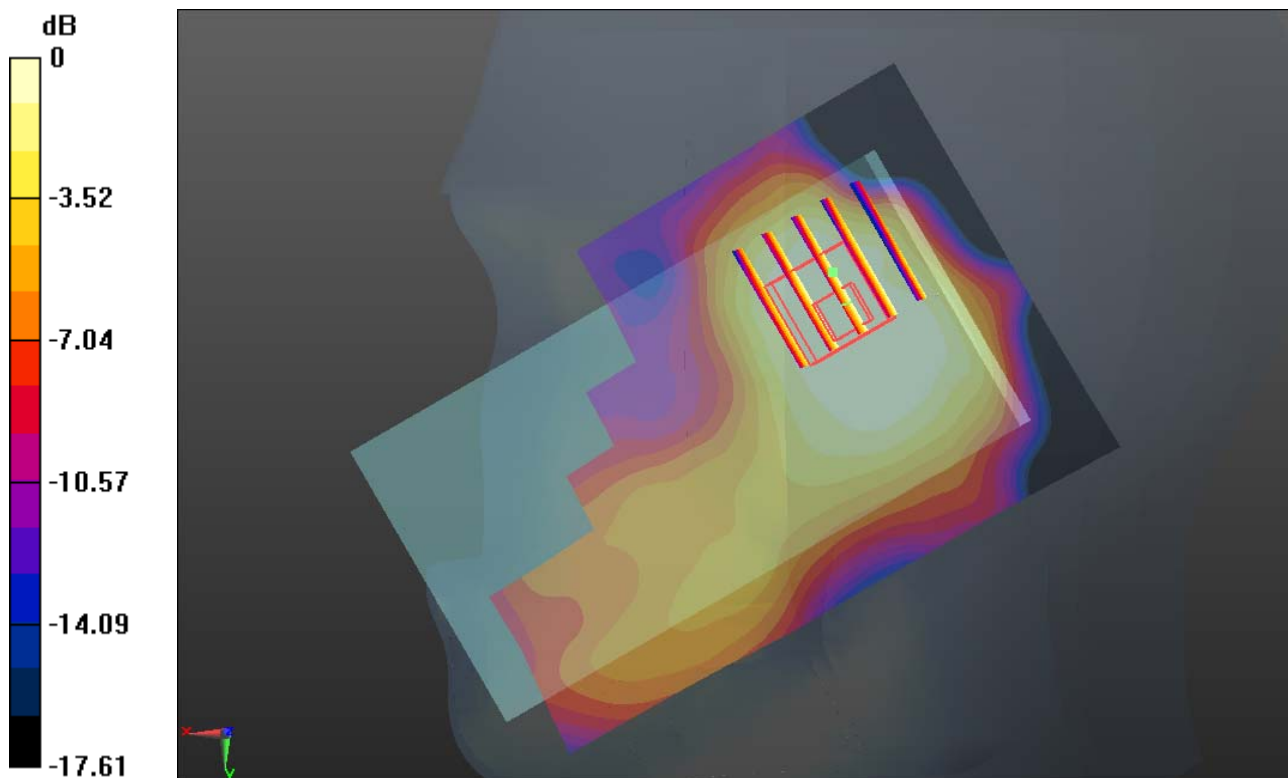
Communication System: General GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3  
Medium: HSL\_1900\_131121 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.375$  mho/m;  $\epsilon_r = 39.073$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.04, 8.04, 8.04); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch512/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.057 mW/g

**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 4.631 V/m; Power Drift = 0.03 dB  
Peak SAR (extrapolated) = 0.064 W/kg  
**SAR(1 g) = 0.044 mW/g; SAR(10 g) = 0.028 mW/g**  
Maximum value of SAR (measured) = 0.054 mW/g



0 dB = 0.050mW/g

**#09\_GSM1900\_GSM Voice\_Left Cheek\_Ch512**

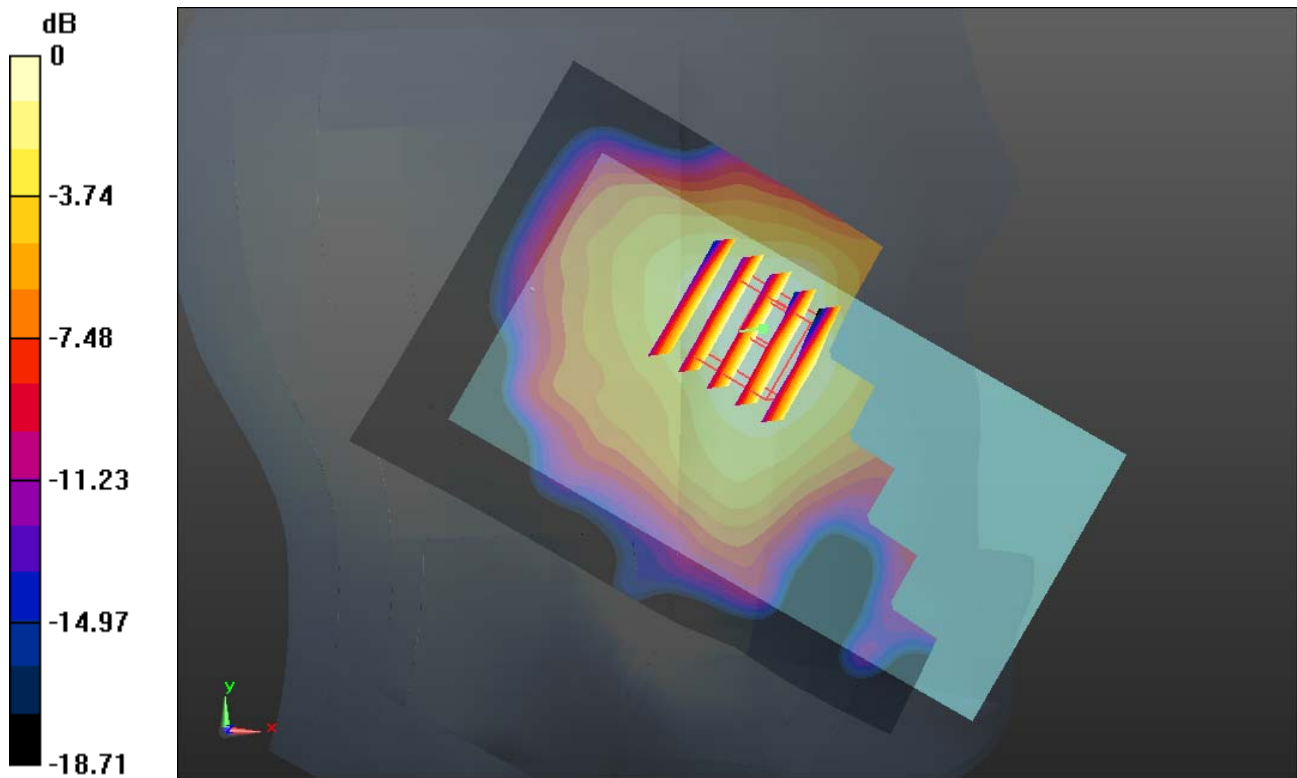
Communication System: General GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3  
 Medium: HSL\_1900\_131121 Medium parameters used:  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.375 \text{ mho/m}$ ;  $\epsilon_r = 39.073$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(8.04, 8.04, 8.04); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch512/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.081 mW/g

**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 2.701 V/m; Power Drift = -0.02 dB  
 Peak SAR (extrapolated) = 0.093 W/kg  
**SAR(1 g) = 0.062 mW/g; SAR(10 g) = 0.040 mW/g**  
 Maximum value of SAR (measured) = 0.077 mW/g



0 dB = 0.080mW/g

### #10\_GSM1900\_GSM Voice\_Left Tilted\_Ch512

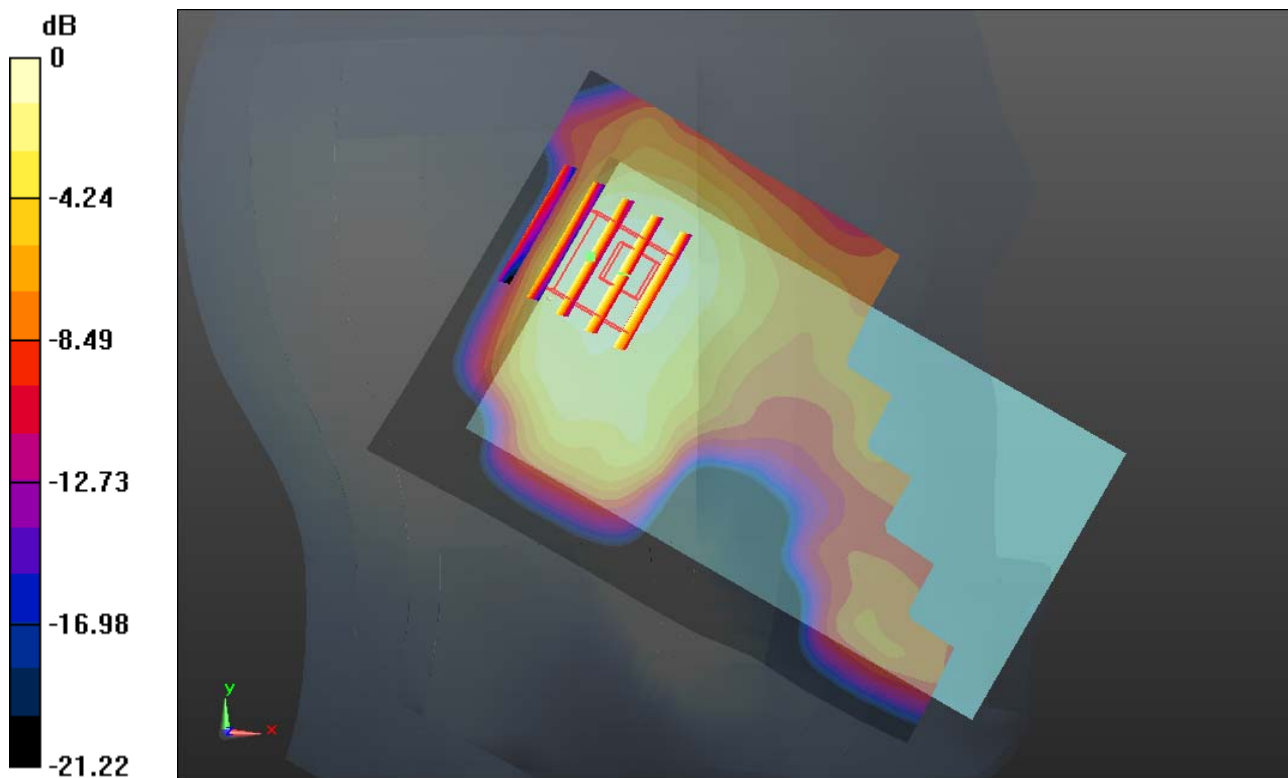
Communication System: General GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3  
Medium: HSL\_1900\_131121 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.375$  mho/m;  $\epsilon_r = 39.073$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.04, 8.04, 8.04); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch512/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.058 mW/g

**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 4.860 V/m; Power Drift = -0.12 dB  
Peak SAR (extrapolated) = 0.070 W/kg  
**SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.027 mW/g**  
Maximum value of SAR (measured) = 0.058 mW/g



0 dB = 0.060mW/g



### #13\_WCDMA Dcpf 'V\_RMC12.2K\_Right Cheek\_Ch4182

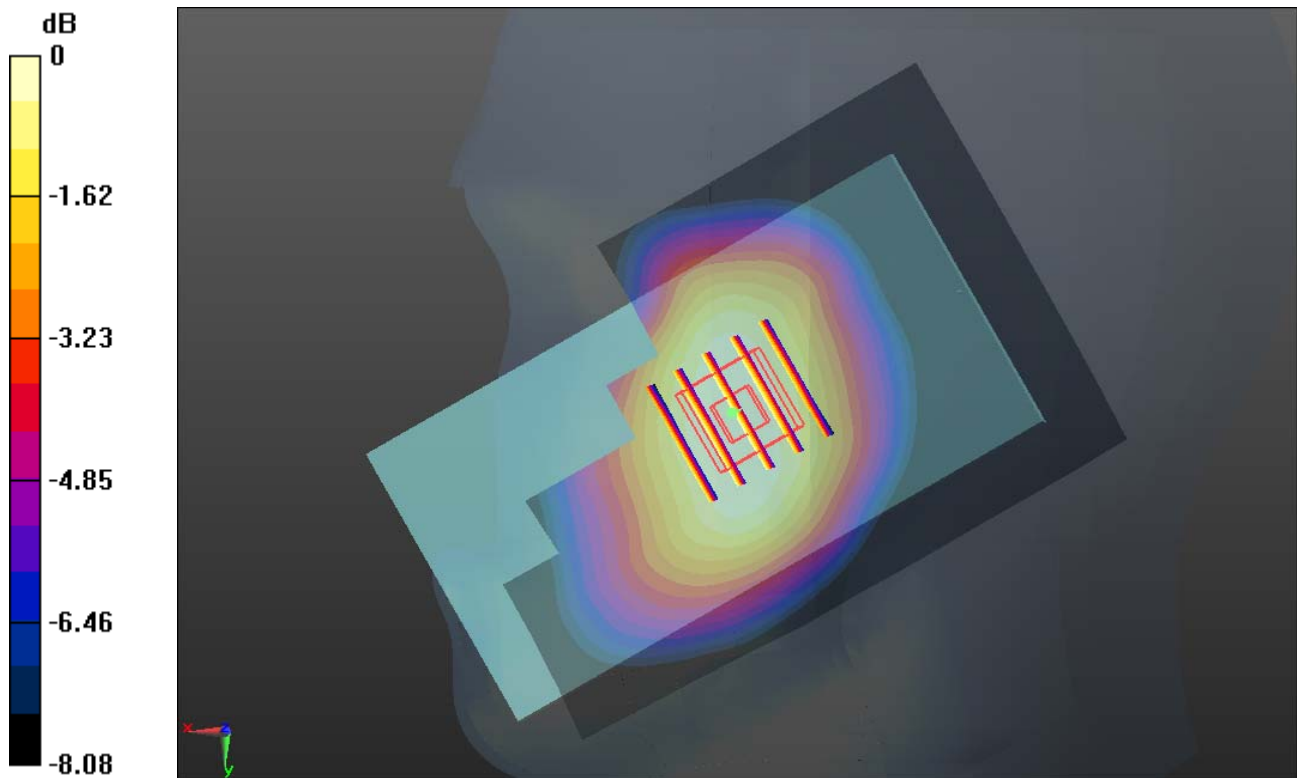
Communication System: UMTS; Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_835\_131122 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.906$  mho/m;  $\epsilon_r = 42.213$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.35, 9.35, 9.35); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch4182/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.224 mW/g

**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 2.780 V/m; Power Drift = 0.07 dB  
Peak SAR (extrapolated) = 0.239 W/kg  
**SAR(1 g) = 0.198 mW/g; SAR(10 g) = 0.156 mW/g**  
Maximum value of SAR (measured) = 0.223 mW/g



0 dB = 0.220mW/g

### #14\_WCDMA Dcpf 'V\_RMC12.2K\_Right Tilted\_Ch4182

Communication System: UMTS; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: HSL\_835\_131122 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.906$  mho/m;  $\epsilon_r =$

42.213;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.35, 9.35, 9.35); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch4182/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.113 mW/g

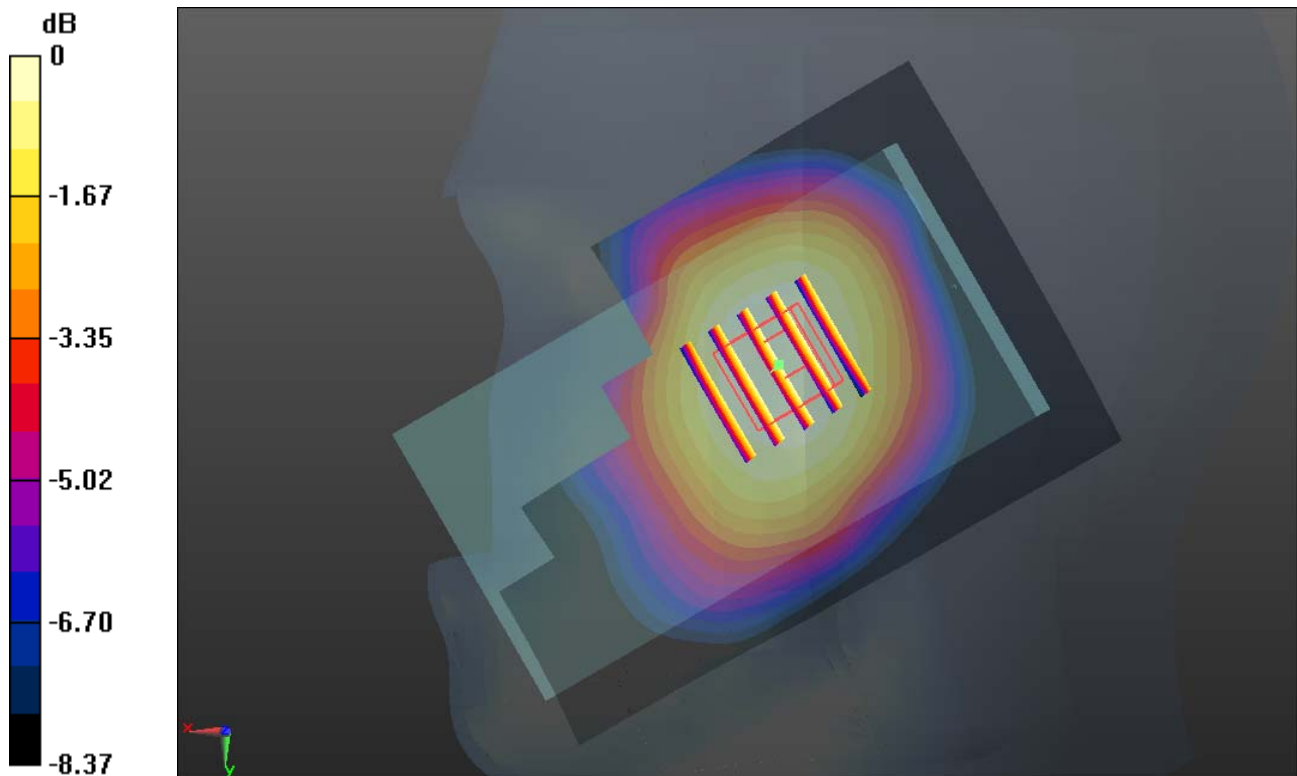
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.777 V/m; Power Drift = -0.0068 dB

Peak SAR (extrapolated) = 0.122 W/kg

**SAR(1 g) = 0.100 mW/g; SAR(10 g) = 0.079 mW/g**

Maximum value of SAR (measured) = 0.112 mW/g



0 dB = 0.110mW/g

### #15\_WCDMA Dcpf 'V\_RMC12.2K\_Left Cheek\_Ch4182

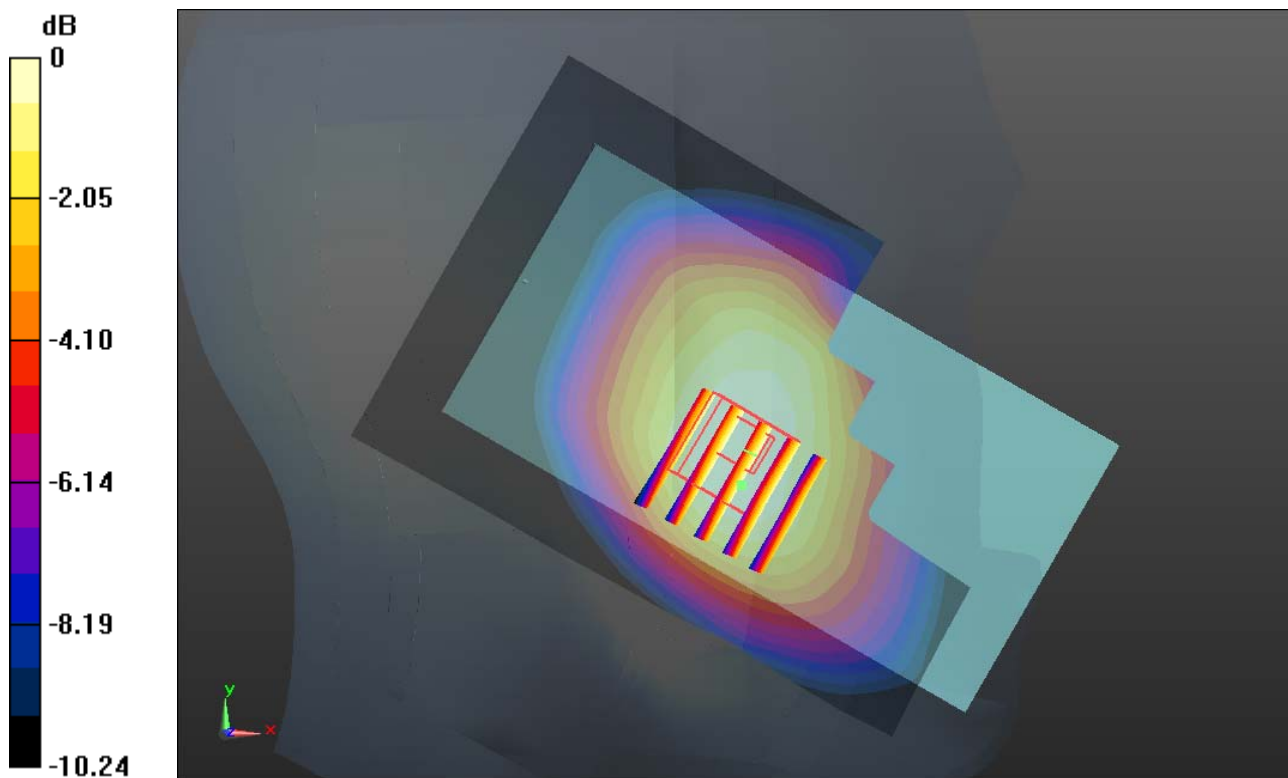
Communication System: UMTS; Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_835\_131122 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.906$  mho/m;  $\epsilon_r = 42.213$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.35, 9.35, 9.35); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch4182/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.255 mW/g

**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 3.562 V/m; Power Drift = 0.06 dB  
Peak SAR (extrapolated) = 0.275 W/kg  
**SAR(1 g) = 0.224 mW/g; SAR(10 g) = 0.171 mW/g**  
Maximum value of SAR (measured) = 0.250 mW/g



0 dB = 0.250mW/g

### #16\_WCDMA Dcpf 'V\_RMC12.2K\_Left Tilted\_Ch4182

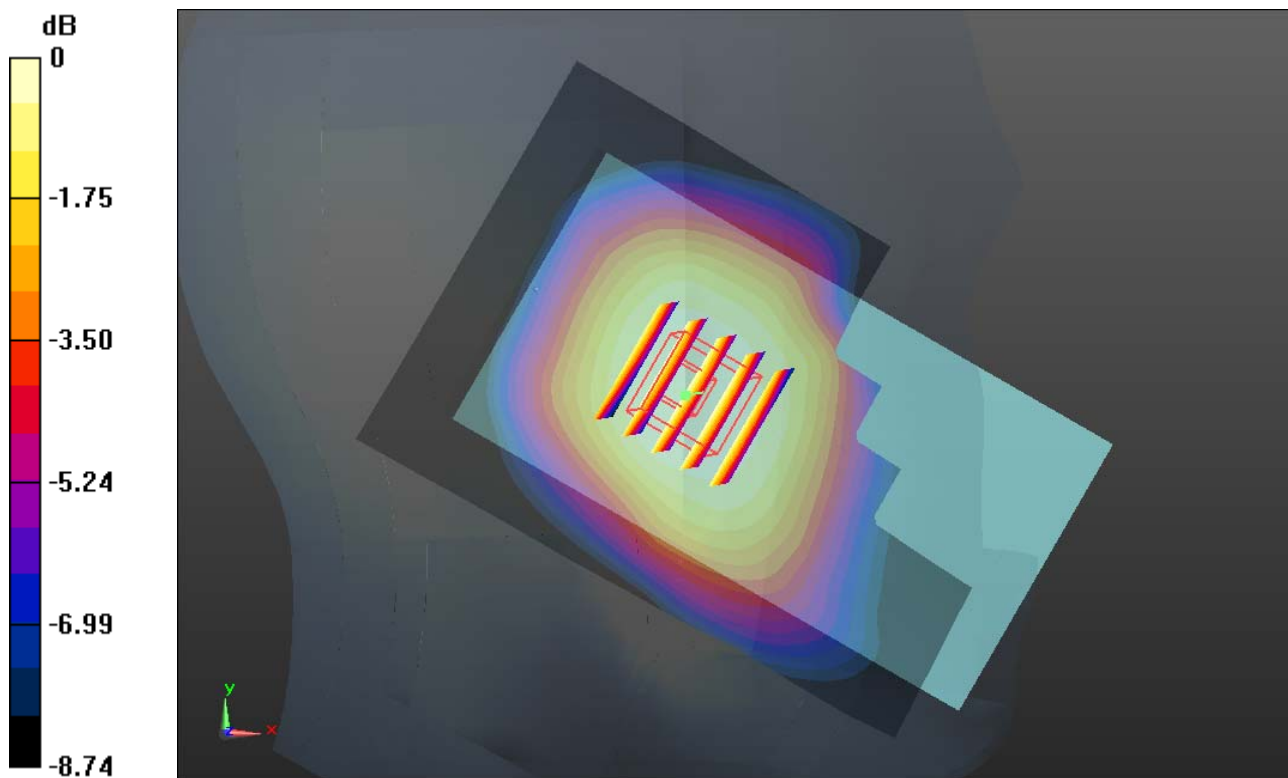
Communication System: UMTS; Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_835\_131122 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.906$  mho/m;  $\epsilon_r = 42.213$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.35, 9.35, 9.35); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch4182/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.126 mW/g

**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 5.563 V/m; Power Drift = 0.04 dB  
Peak SAR (extrapolated) = 0.134 W/kg  
**SAR(1 g) = 0.110 mW/g; SAR(10 g) = 0.087 mW/g**  
Maximum value of SAR (measured) = 0.123 mW/g



0 dB = 0.120mW/g

### #19\_WCDMA Dcpf 'II\_RMC12.2K\_Right Cheek\_Ch9262

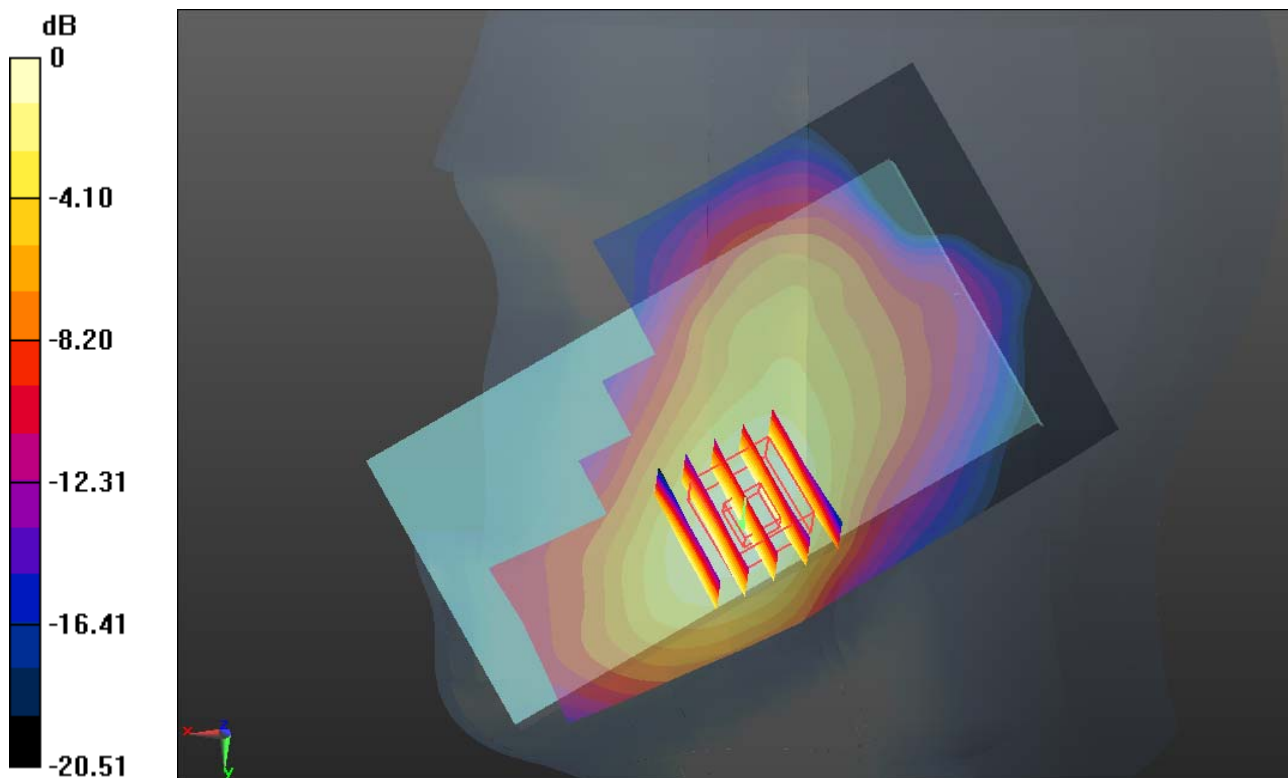
Communication System: UMTS; Frequency: 1852.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_131121 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.377$  mho/m;  $\epsilon_r = 39.066$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.04, 8.04, 8.04); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch9262/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.318 mW/g

**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 4.443 V/m; Power Drift = -0.06 dB  
Peak SAR (extrapolated) = 0.389 W/kg  
**SAR(1 g) = 0.251 mW/g; SAR(10 g) = 0.154 mW/g**  
Maximum value of SAR (measured) = 0.319 mW/g



0 dB = 0.320mW/g

### #20\_WCDMA Dcpf 'II\_RMC12.2K\_Right Tilted\_Ch9262

Communication System: UMTS; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_131121 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.377$  mho/m;  $\epsilon_r =$

$39.066$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.04, 8.04, 8.04); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch9262/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.115 mW/g

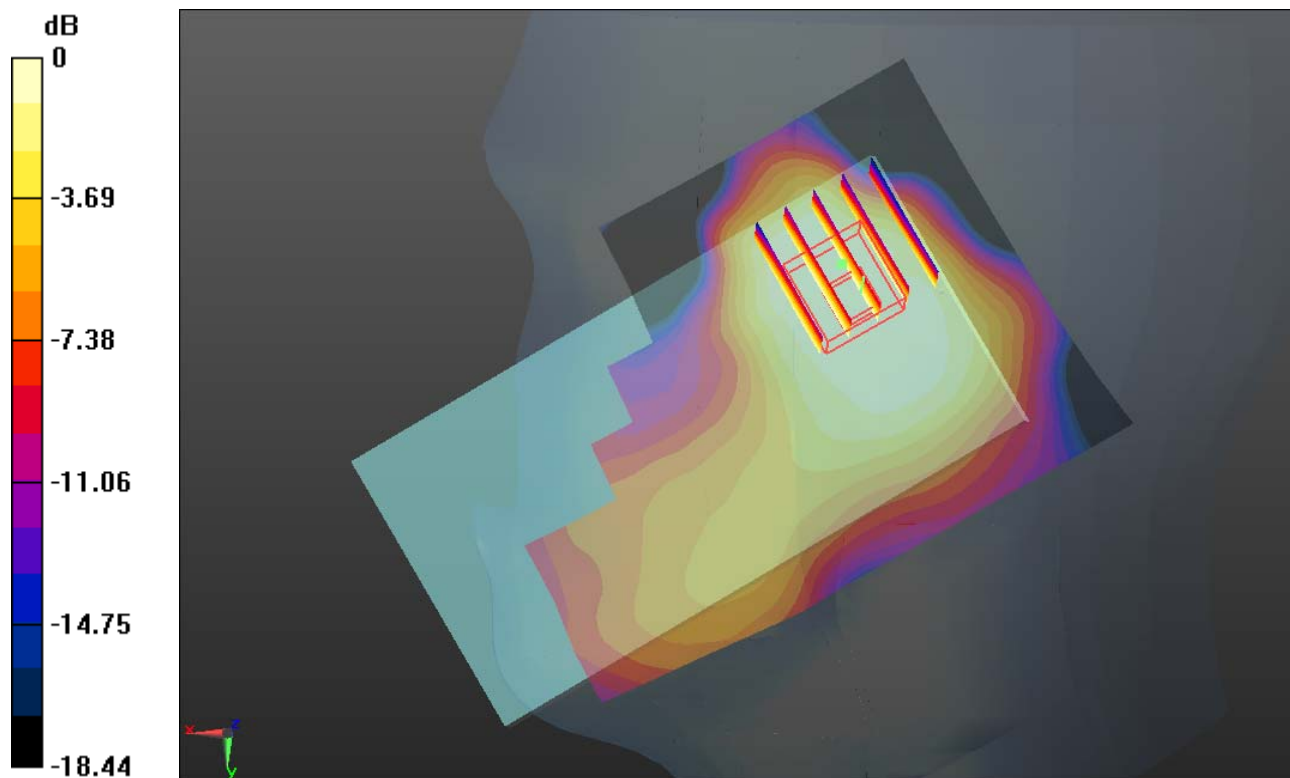
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.365 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.123 W/kg

**SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.054 mW/g**

Maximum value of SAR (measured) = 0.103 mW/g



0 dB = 0.100mW/g

### #21\_WCDMA Dcpf 'II\_RMC12.2K\_Left Cheek\_Ch9262

Communication System: UMTS; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_131121 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.377$  mho/m;  $\epsilon_r =$

$39.066$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.04, 8.04, 8.04); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch9262/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

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

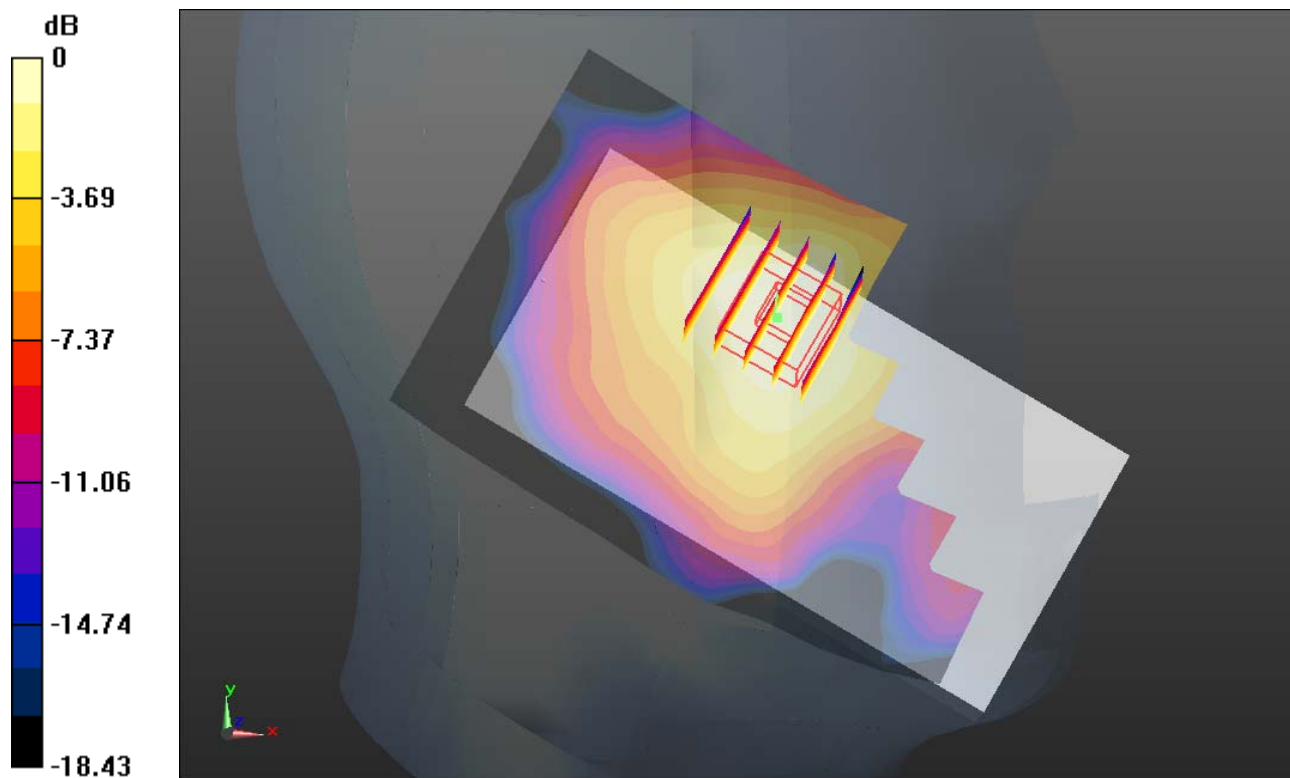
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.534 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.183 W/kg

**SAR(1 g) = 0.122 mW/g; SAR(10 g) = 0.078 mW/g**

Maximum value of SAR (measured) = 0.154 mW/g



0 dB = 0.150mW/g

### #22\_WCDMA Dcpf 'II\_RMC12.2K\_Left Tilted\_Ch9262

Communication System: UMTS; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_131121 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.377$  mho/m;  $\epsilon_r =$

$39.066$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.04, 8.04, 8.04); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch9262/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.114 mW/g

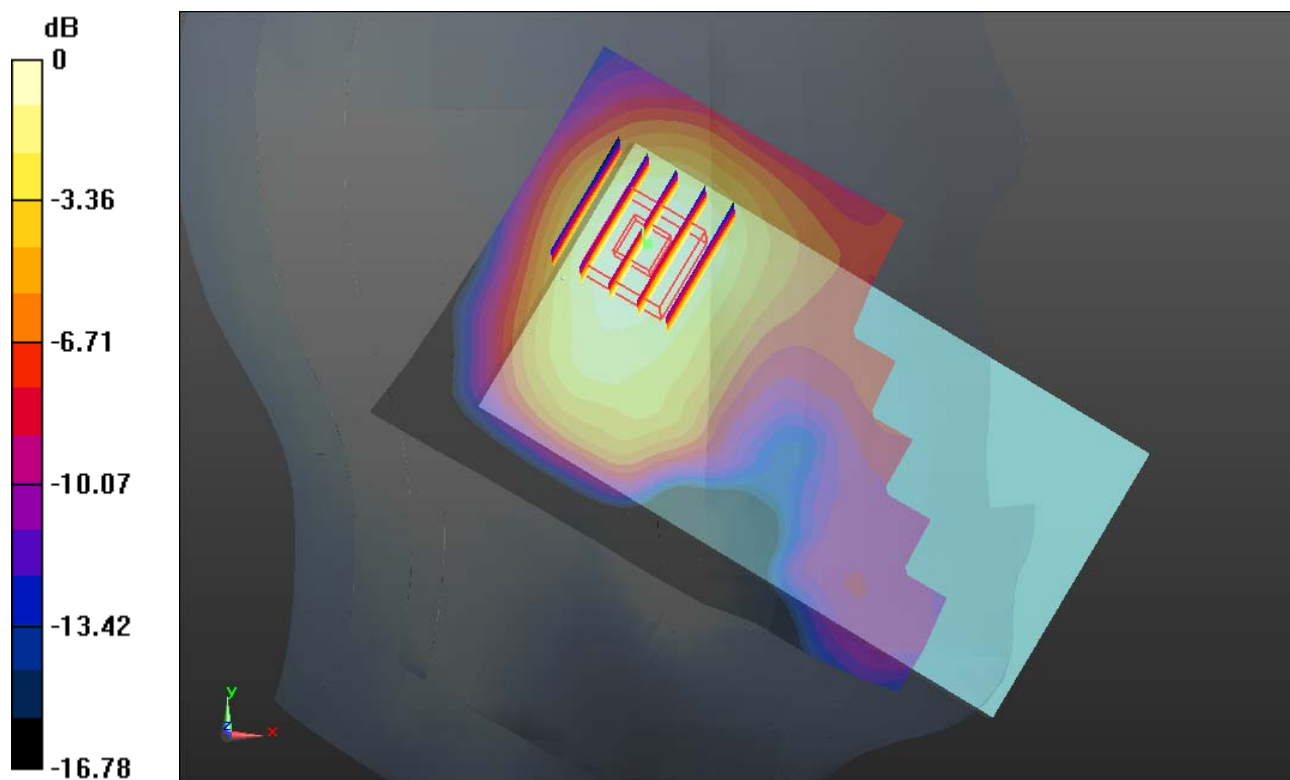
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.329 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.130 W/kg

**SAR(1 g) = 0.087 mW/g; SAR(10 g) = 0.055 mW/g**

Maximum value of SAR (measured) = 0.110 mW/g



0 dB = 0.110mW/g



### #25\_WLAN 2.4GJ | \_802.11b\_1M\_Right Cheek\_Ch11

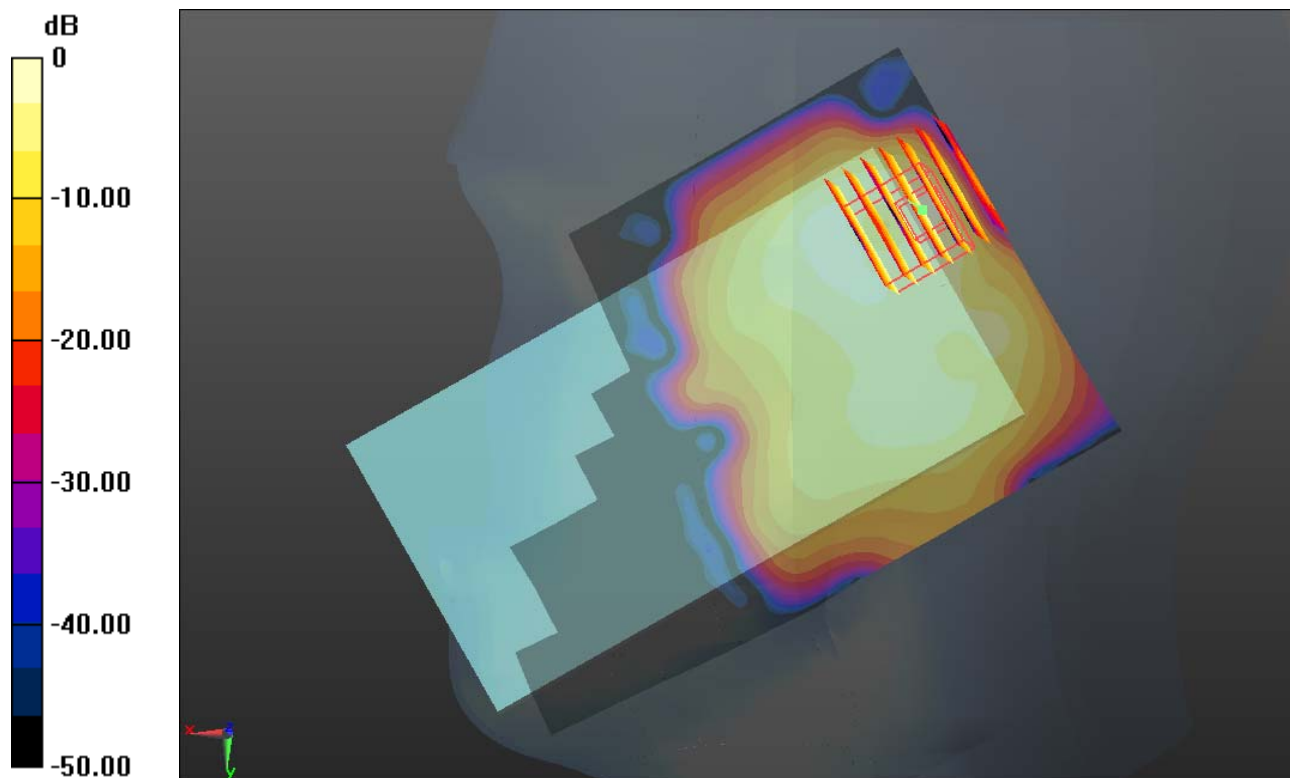
Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1  
Medium: HSL\_2450\_131122 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.831$  mho/m;  $\epsilon_r = 39.149$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.05, 7.05, 7.05); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch11/Area Scan (91x151x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (interpolated) = 0.284 mW/g

**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 7.309 V/m; Power Drift = -0.05 dB  
Peak SAR (extrapolated) = 0.535 W/kg  
**SAR(1 g) = 0.175 mW/g; SAR(10 g) = 0.060 mW/g**  
Maximum value of SAR (measured) = 0.337 mW/g



0 dB = 0.340mW/g

### #26\_WLAN 2.4GJ | \_802.11b\_1M\_Right Tilted\_Ch11

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: HSL\_2450\_131122 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.831$  mho/m;  $\epsilon_r =$

$39.149$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.05, 7.05, 7.05); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch11/Area Scan (91x151x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.477 mW/g

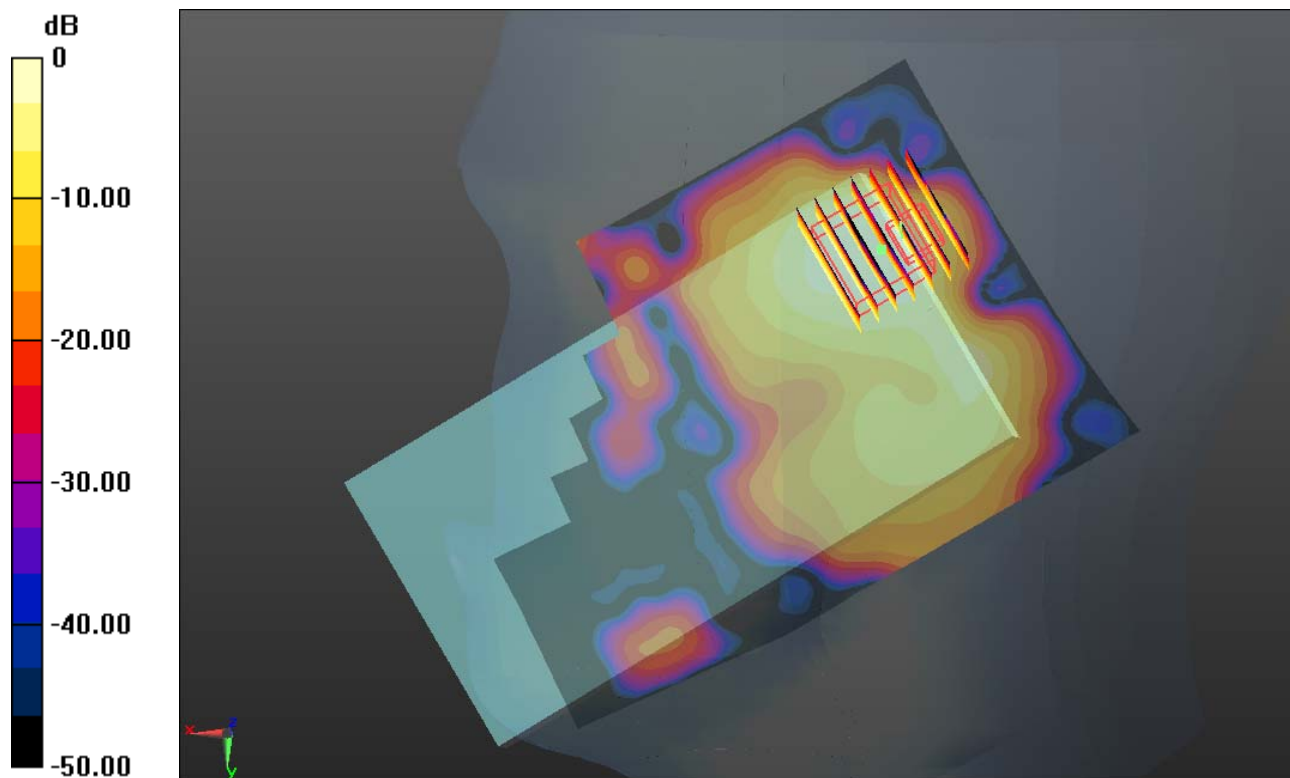
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.428 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.608 W/kg

**SAR(1 g) = 0.167 mW/g; SAR(10 g) = 0.058 mW/g**

Maximum value of SAR (measured) = 0.335 mW/g



0 dB = 0.340mW/g

**#27\_WLAN 2.4GJ | \_802.11b\_1M\_Left Cheek\_Ch11**

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: HSL\_2450\_131122 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.831$  mho/m;  $\epsilon_r =$

$39.149$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.05, 7.05, 7.05); Calibrated: 2013.06.20

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19

- Phantom: SAM1; Type: SAM; Serial: TP-1479

- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch11/Area Scan (91x151x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.467 mW/g

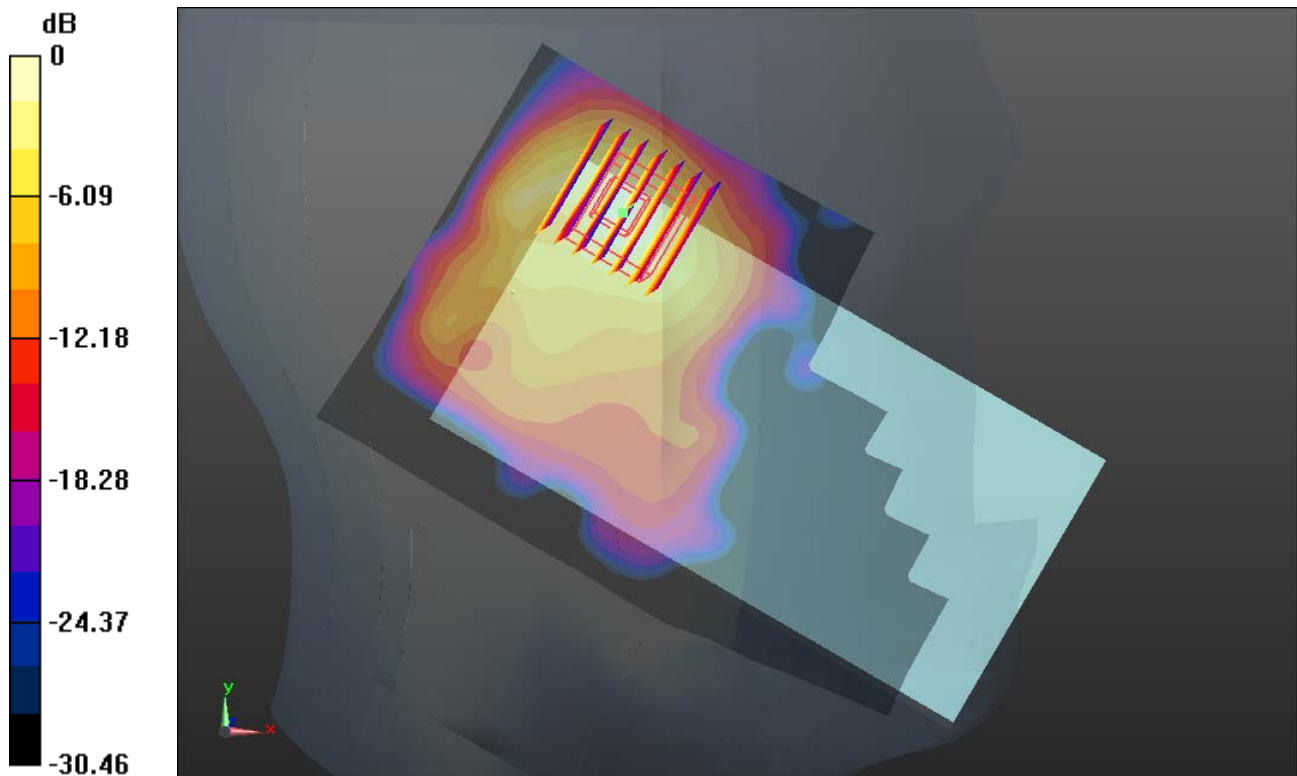
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.533 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.664 W/kg

**SAR(1 g) = 0.290 mW/g; SAR(10 g) = 0.119 mW/g**

Maximum value of SAR (measured) = 0.451 mW/g



0 dB = 0.450mW/g

**#28\_WLAN 2.4GJ | \_802.11b\_1M\_Left Tilted\_Ch11**

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: HSL\_2450\_131122 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.831$  mho/m;  $\epsilon_r =$

$39.149$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.05, 7.05, 7.05); Calibrated: 2013.06.20

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19

- Phantom: SAM1; Type: SAM; Serial: TP-1479

- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch11/Area Scan (91x151x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.298 mW/g

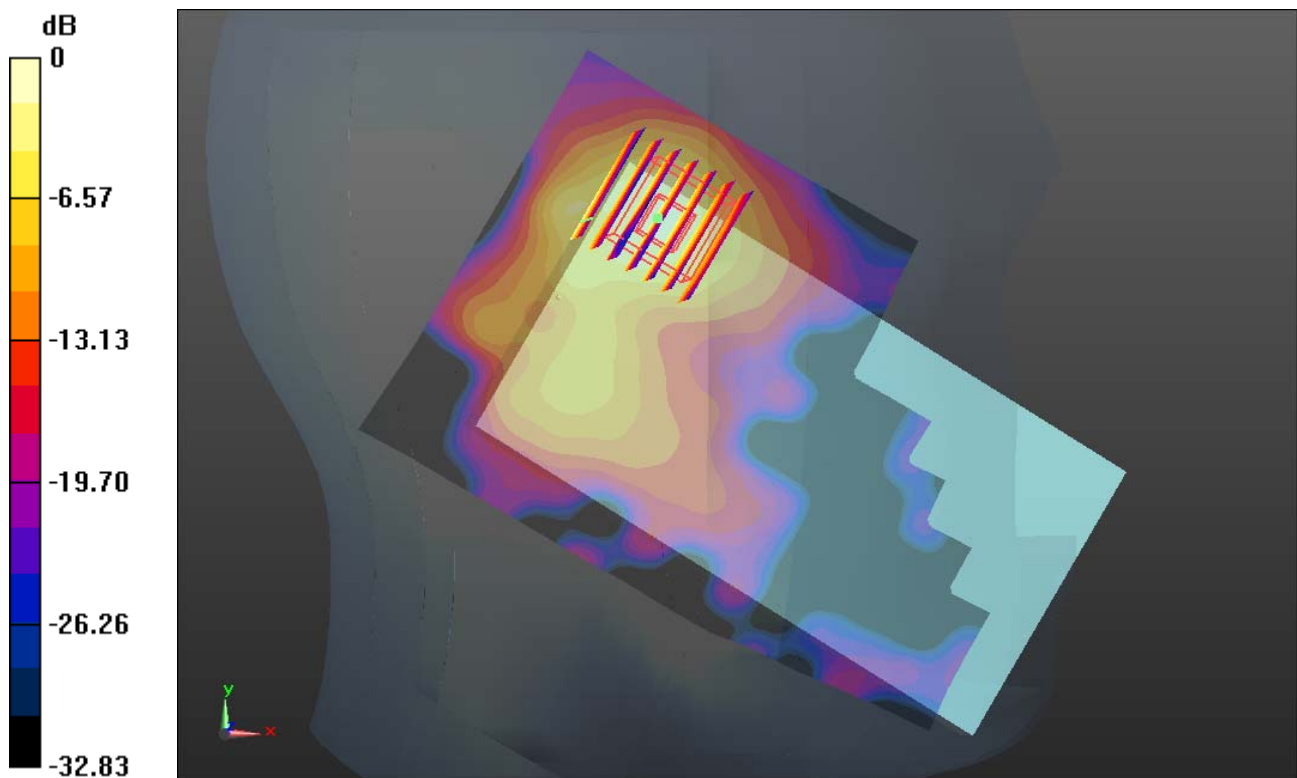
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.821 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.616 W/kg

**SAR(1 g) = 0.179 mW/g; SAR(10 g) = 0.072 mW/g**

Maximum value of SAR (measured) = 0.388 mW/g



0 dB = 0.390mW/g

### #31\_GSM850\_GPRS (4 Tx slots)\_Front 1cm\_Ch128

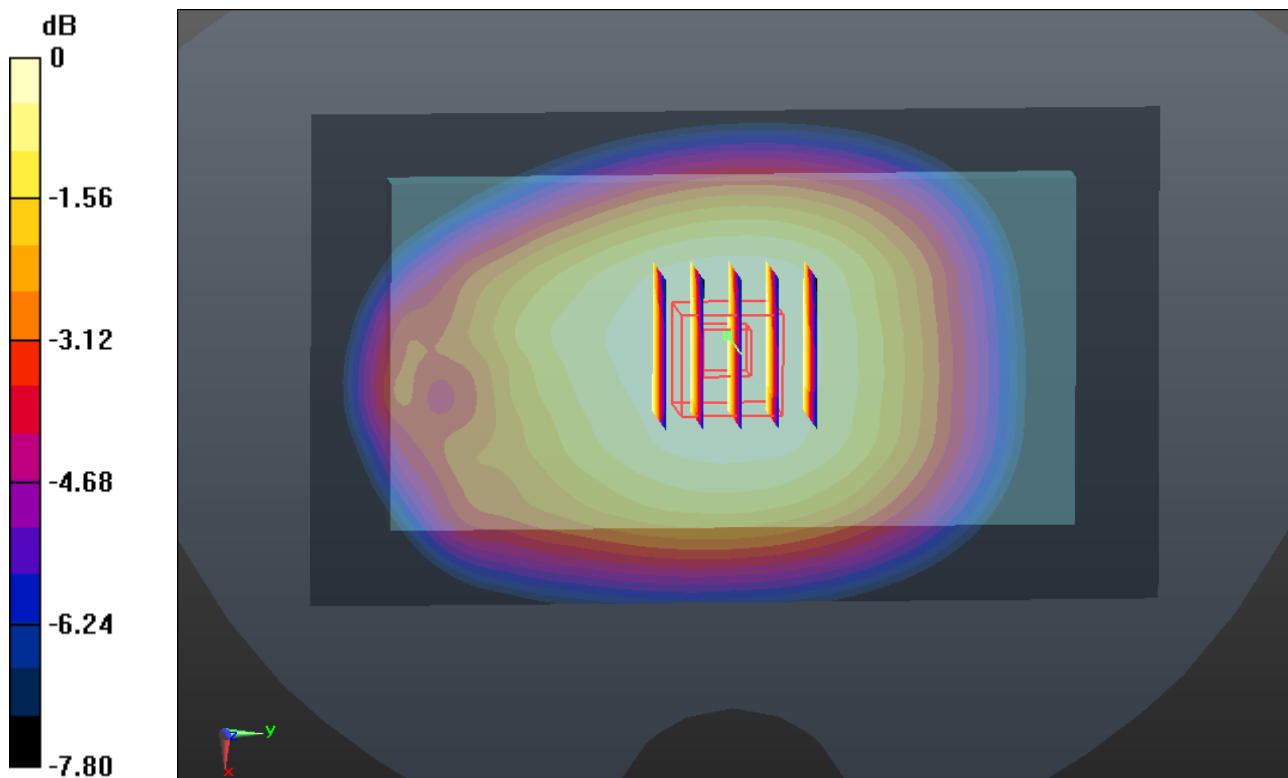
Communication System: GPRS/EDGE (4 Tx slots); Frequency: 824.2 MHz; Duty Cycle: 1:2.08  
Medium: MSL\_850\_131122 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.972$  mho/m;  $\epsilon_r = 54.953$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.48, 9.48, 9.48); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch128/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.704 mW/g

**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 25.631 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 0.775 W/kg  
**SAR(1 g) = 0.616 mW/g; SAR(10 g) = 0.483 mW/g**  
Maximum value of SAR (measured) = 0.702 mW/g



0 dB = 0.700mW/g

**#32\_GSM850\_GPRS (4 Tx slots)\_Back 1cm\_Ch128**

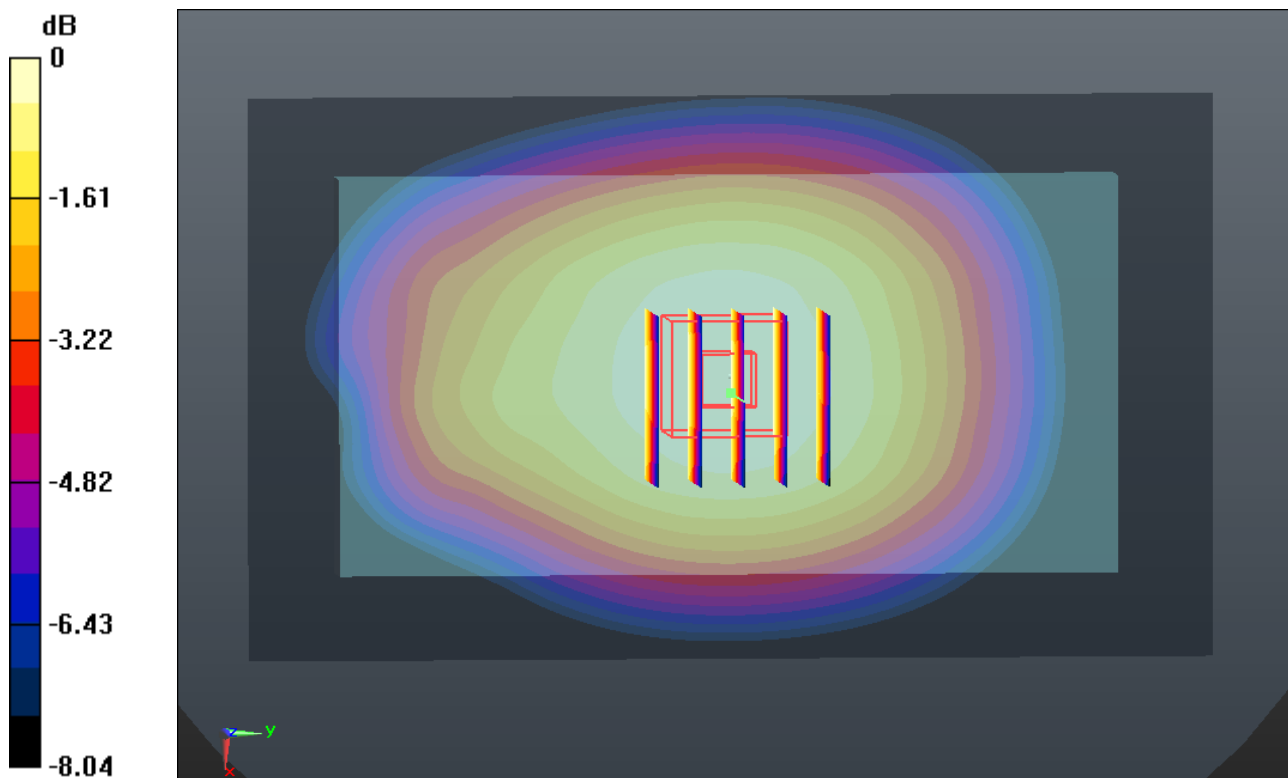
Communication System: GPRS/EDGE (4 Tx slots); Frequency: 824.2 MHz; Duty Cycle: 1:2.08  
Medium: MSL\_850\_131122 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.972$  mho/m;  $\epsilon_r = 54.953$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.48, 9.48, 9.48); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch128/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.756 mW/g

**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 26.565 V/m; Power Drift = -0.03 dB  
Peak SAR (extrapolated) = 0.826 W/kg  
**SAR(1 g) = 0.655 mW/g; SAR(10 g) = 0.504 mW/g**  
Maximum value of SAR (measured) = 0.750 mW/g



0 dB = 0.750mW/g

### #34\_GSM850\_GPRS (4 Tx slots)\_Right Side 1cm\_Ch128

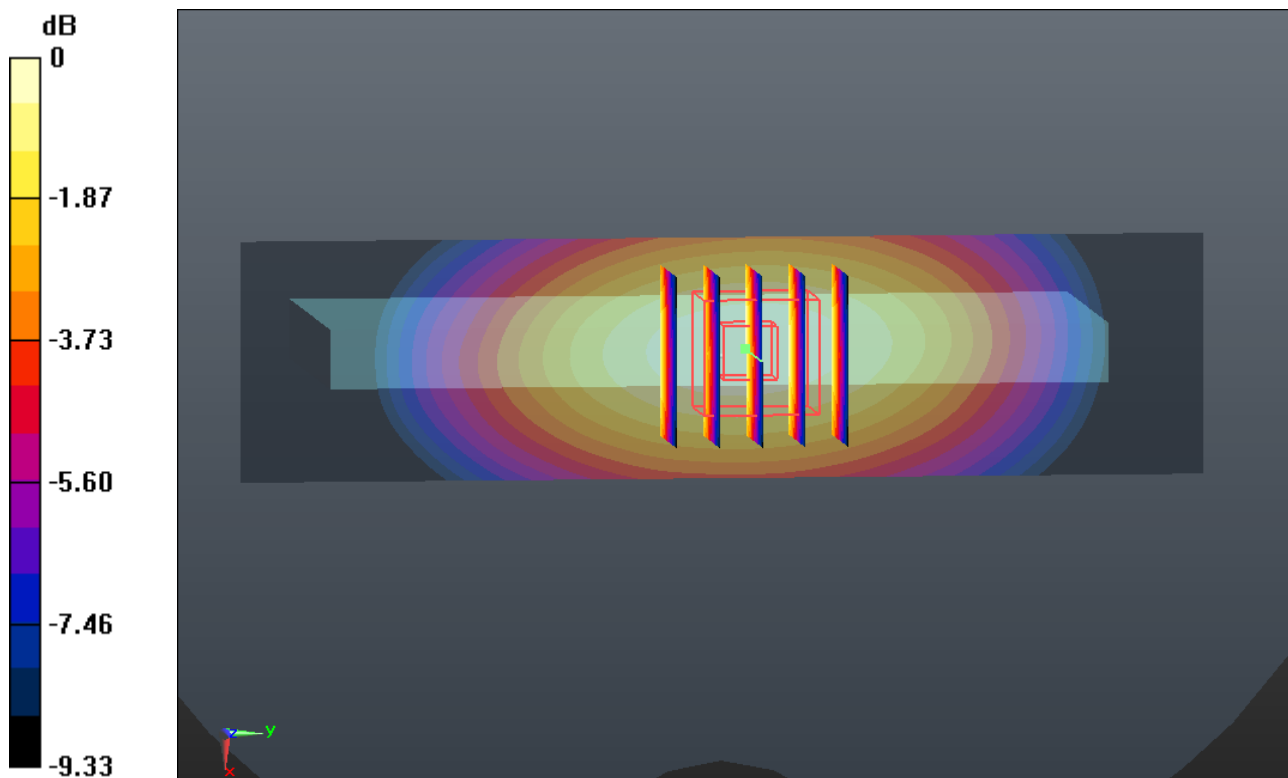
Communication System: GPRS/EDGE (4 Tx slots); Frequency: 824.2 MHz; Duty Cycle: 1:2.08  
Medium: MSL\_850\_131122 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.972$  mho/m;  $\epsilon_r = 54.953$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.48, 9.48, 9.48); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch128/Area Scan (31x121x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.632 mW/g

**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 23.843 V/m; Power Drift = -0.0037 dB  
Peak SAR (extrapolated) = 0.736 W/kg  
**SAR(1 g) = 0.521 mW/g; SAR(10 g) = 0.363 mW/g**  
Maximum value of SAR (measured) = 0.640 mW/g



0 dB = 0.640mW/g

### #35\_GSM850\_GPRS (4 Tx slots)\_Bottom Side 1cm\_Ch128

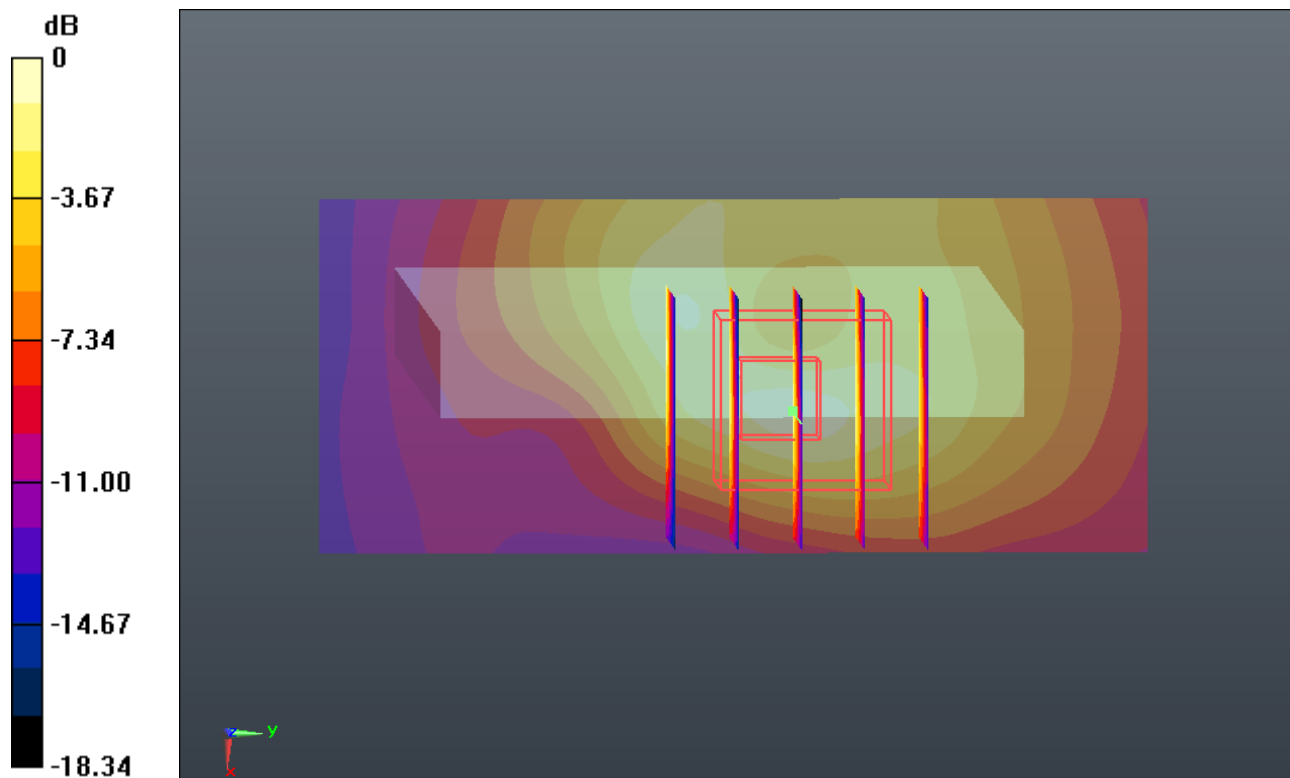
Communication System: GPRS/EDGE (4 Tx slots); Frequency: 824.2 MHz; Duty Cycle: 1:2.08  
Medium: MSL\_850\_131122 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.972$  mho/m;  $\epsilon_r = 54.953$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.48, 9.48, 9.48); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch128/Area Scan (31x71x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.107 mW/g

**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 9.627 V/m; Power Drift = -0.12 dB  
Peak SAR (extrapolated) = 0.158 W/kg  
**SAR(1 g) = 0.081 mW/g; SAR(10 g) = 0.043 mW/g**  
Maximum value of SAR (measured) = 0.117 mW/g



0 dB = 0.120mW/g



### #36\_GSM850\_GSM Voice\_Back 1cm\_Ch128

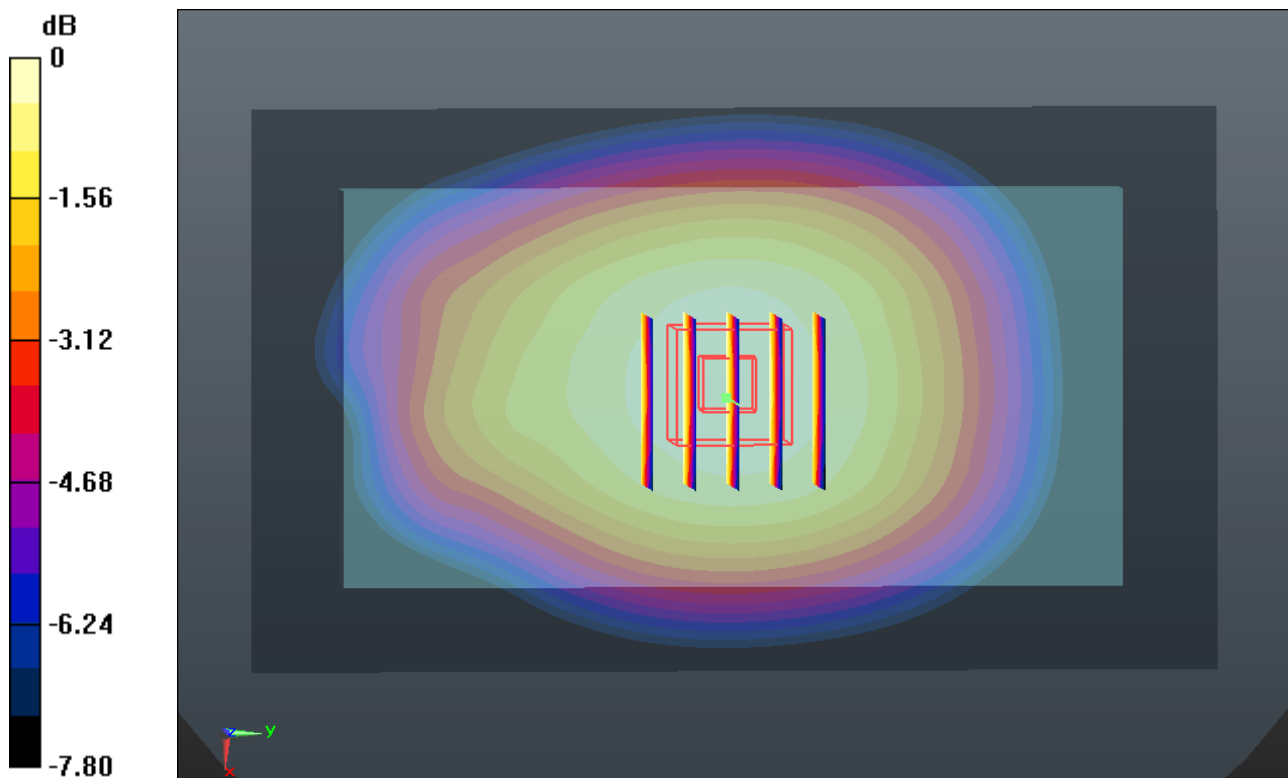
Communication System: General GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.3  
Medium: MSL\_850\_131122 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.972$  mho/m;  $\epsilon_r = 54.953$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.48, 9.48, 9.48); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch128/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.444 mW/g

**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 20.394 V/m; Power Drift = 0.05 dB  
Peak SAR (extrapolated) = 0.492 W/kg  
**SAR(1 g) = 0.391 mW/g; SAR(10 g) = 0.302 mW/g**  
Maximum value of SAR (measured) = 0.447 mW/g



0 dB = 0.450mW/g

### #39\_GSM1900\_GPRS (4 Tx slots)\_Front 1cm\_Ch512

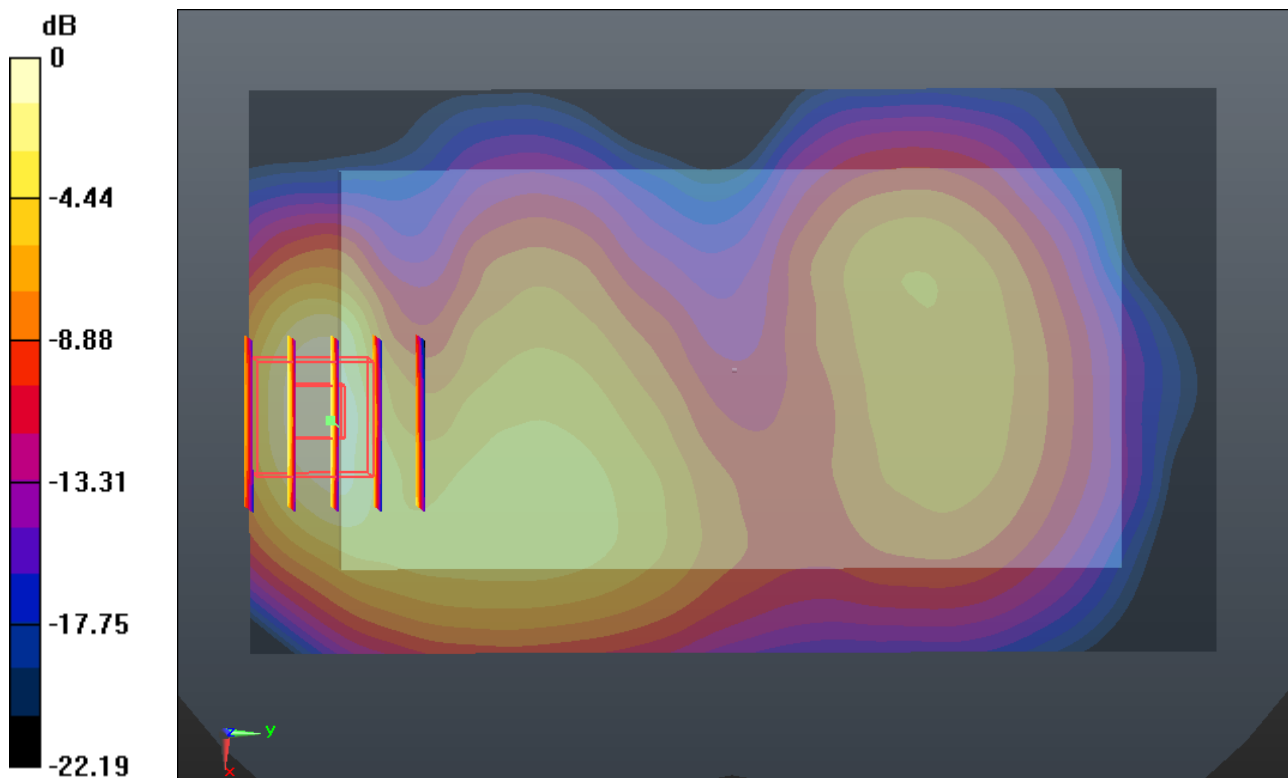
Communication System: GPRS/EDGE (4 Tx slots); Frequency: 1850.2 MHz; Duty Cycle: 1:2.08  
Medium: MSL\_1900\_131121 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.495$  mho/m;  $\epsilon_r = 53.647$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.9 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.52, 7.52, 7.52); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch512/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.596 mW/g

**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 4.770 V/m; Power Drift = 0.09 dB  
Peak SAR (extrapolated) = 0.760 W/kg  
**SAR(1 g) = 0.422 mW/g; SAR(10 g) = 0.207 mW/g**  
Maximum value of SAR (measured) = 0.582 mW/g



0 dB = 0.580mW/g

**#40\_GSM1900\_GPRS (4 Tx slots)\_Back 1cm\_Ch512**

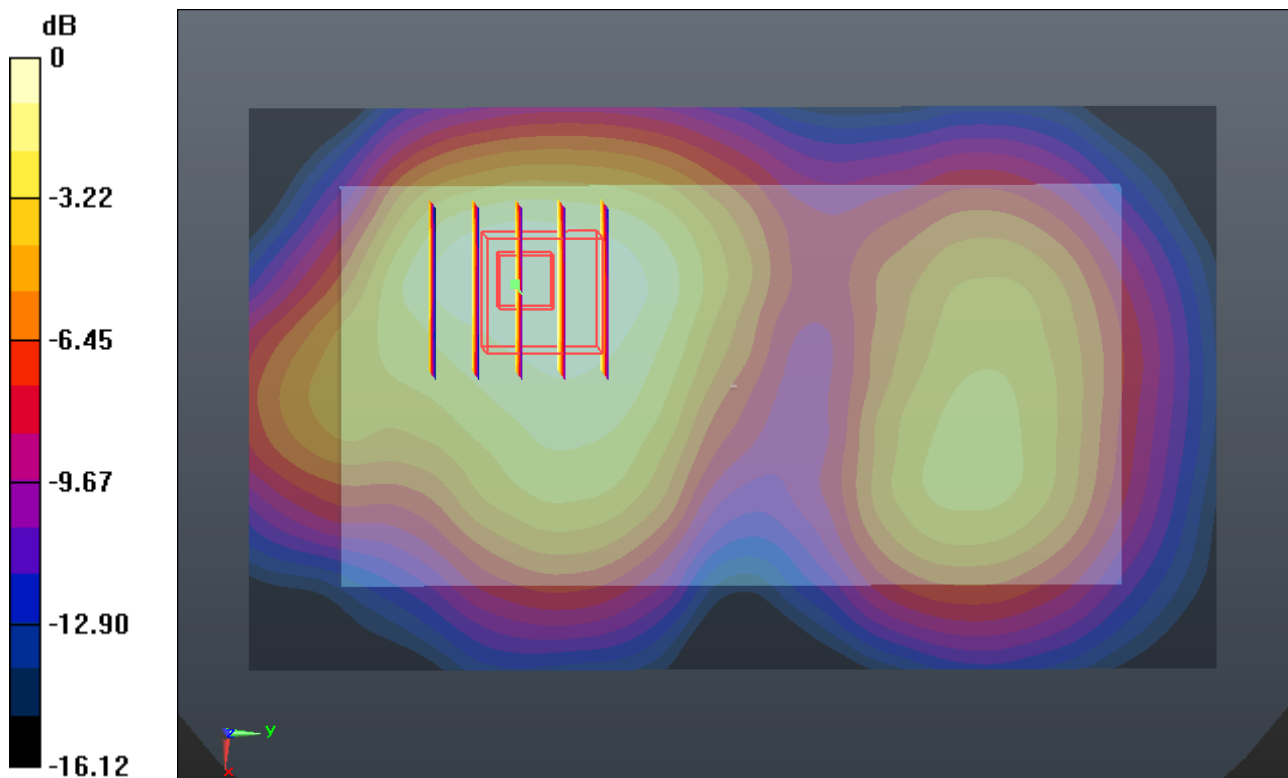
Communication System: GPRS/EDGE (4 Tx slots); Frequency: 1850.2 MHz; Duty Cycle: 1:2.08  
Medium: MSL\_1900\_131121 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.495$  mho/m;  $\epsilon_r = 53.647$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.52, 7.52, 7.52); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch512/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.398 mW/g

**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 6.933 V/m; Power Drift = 0.08 dB  
Peak SAR (extrapolated) = 0.439 W/kg  
**SAR(1 g) = 0.296 mW/g; SAR(10 g) = 0.191 mW/g**  
Maximum value of SAR (measured) = 0.369 mW/g



0 dB = 0.370mW/g

### #42\_GSM1900\_GPRS (4 Tx slots)\_Right Side 1cm\_Ch512

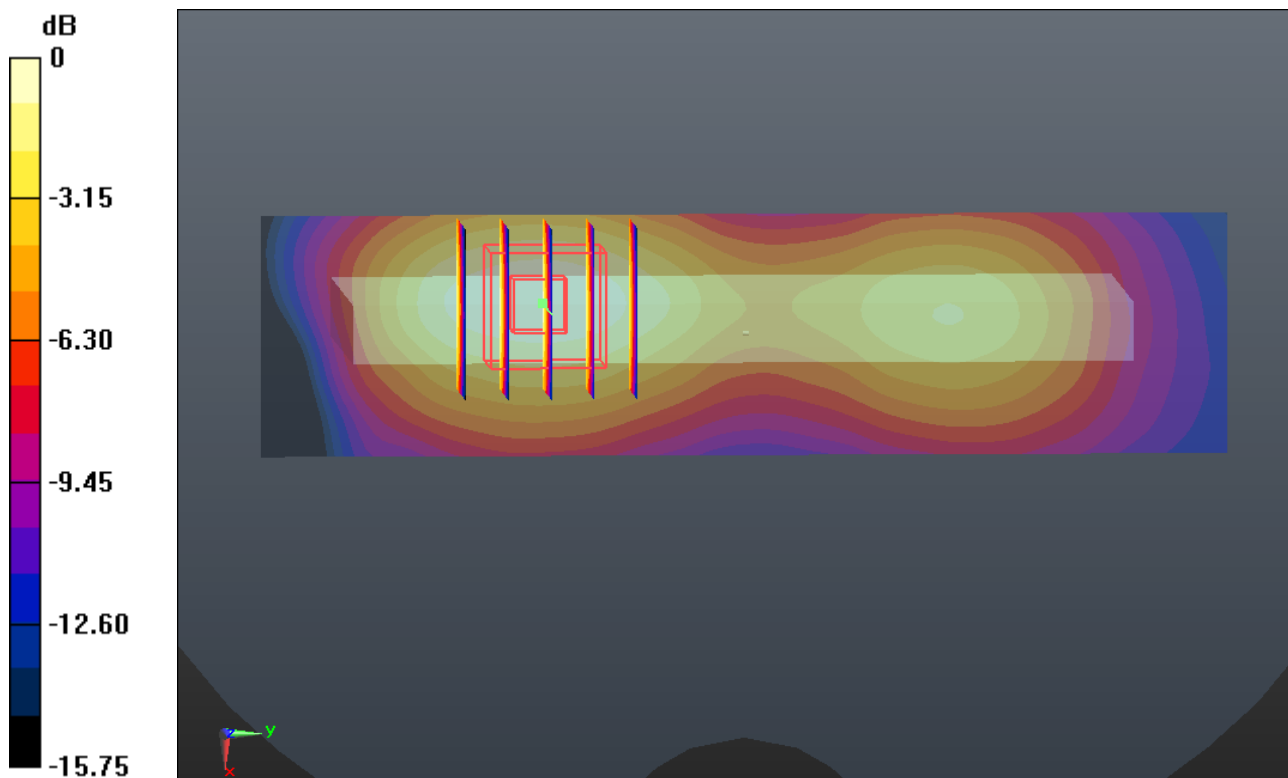
Communication System: GPRS/EDGE (4 Tx slots); Frequency: 1850.2 MHz; Duty Cycle: 1:2.08  
Medium: MSL\_1900\_131121 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.495$  mho/m;  $\epsilon_r = 53.647$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.9 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.52, 7.52, 7.52); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch512/Area Scan (31x121x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.286 mW/g

**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 7.656 V/m; Power Drift = 0.09 dB  
Peak SAR (extrapolated) = 0.343 W/kg  
**SAR(1 g) = 0.219 mW/g; SAR(10 g) = 0.131 mW/g**  
Maximum value of SAR (measured) = 0.289 mW/g



0 dB = 0.290mW/g

### #43\_GSM1900\_GPRS (4 Tx slots)\_Bottom Side 1cm\_Ch512

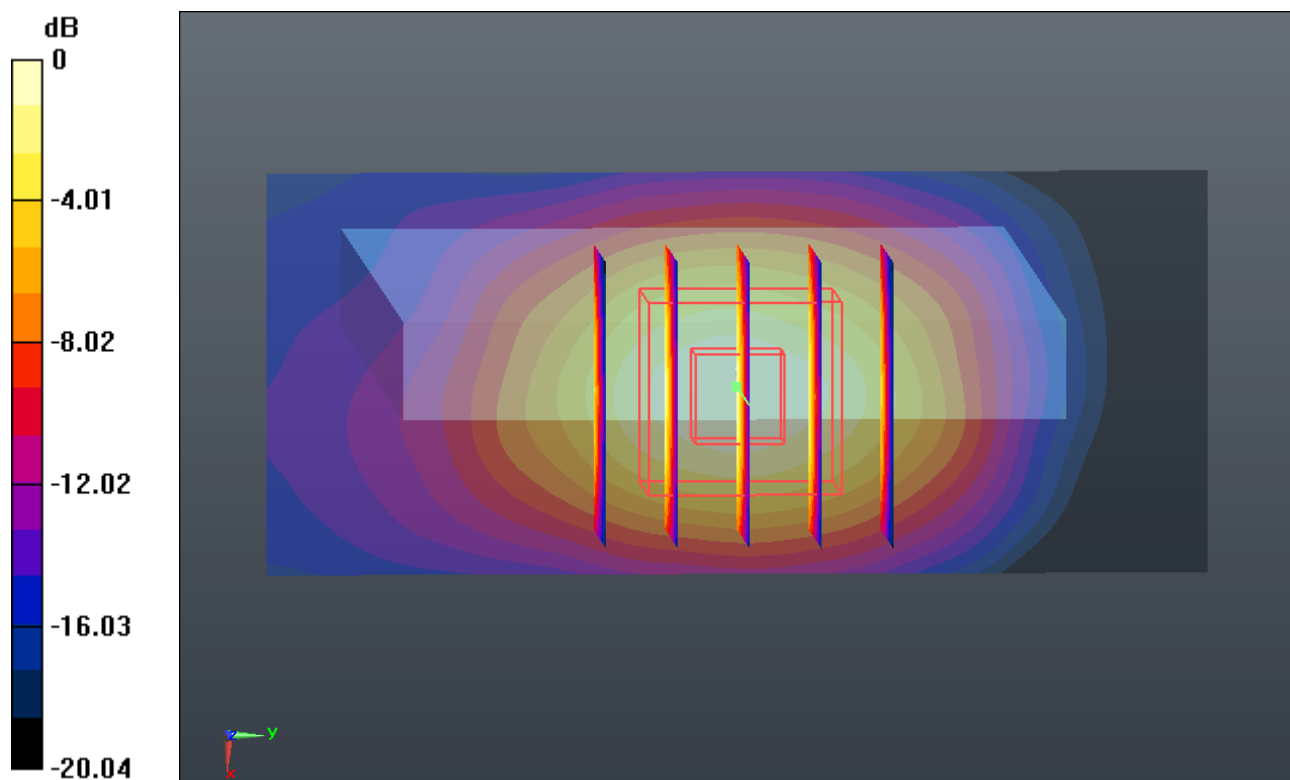
Communication System: GPRS/EDGE (4 Tx slots); Frequency: 1850.2 MHz; Duty Cycle: 1:2.08  
Medium: MSL\_1900\_131121 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.495$  mho/m;  $\epsilon_r = 53.647$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.9 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.52, 7.52, 7.52); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch512/Area Scan (31x71x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.679 mW/g

**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 18.300 V/m; Power Drift = -0.02 dB  
Peak SAR (extrapolated) = 0.791 W/kg  
**SAR(1 g) = 0.446 mW/g; SAR(10 g) = 0.225 mW/g**  
Maximum value of SAR (measured) = 0.640 mW/g



0 dB = 0.640mW/g

### #44\_GSM1900\_GSM Voice\_Front 1cm\_Ch512

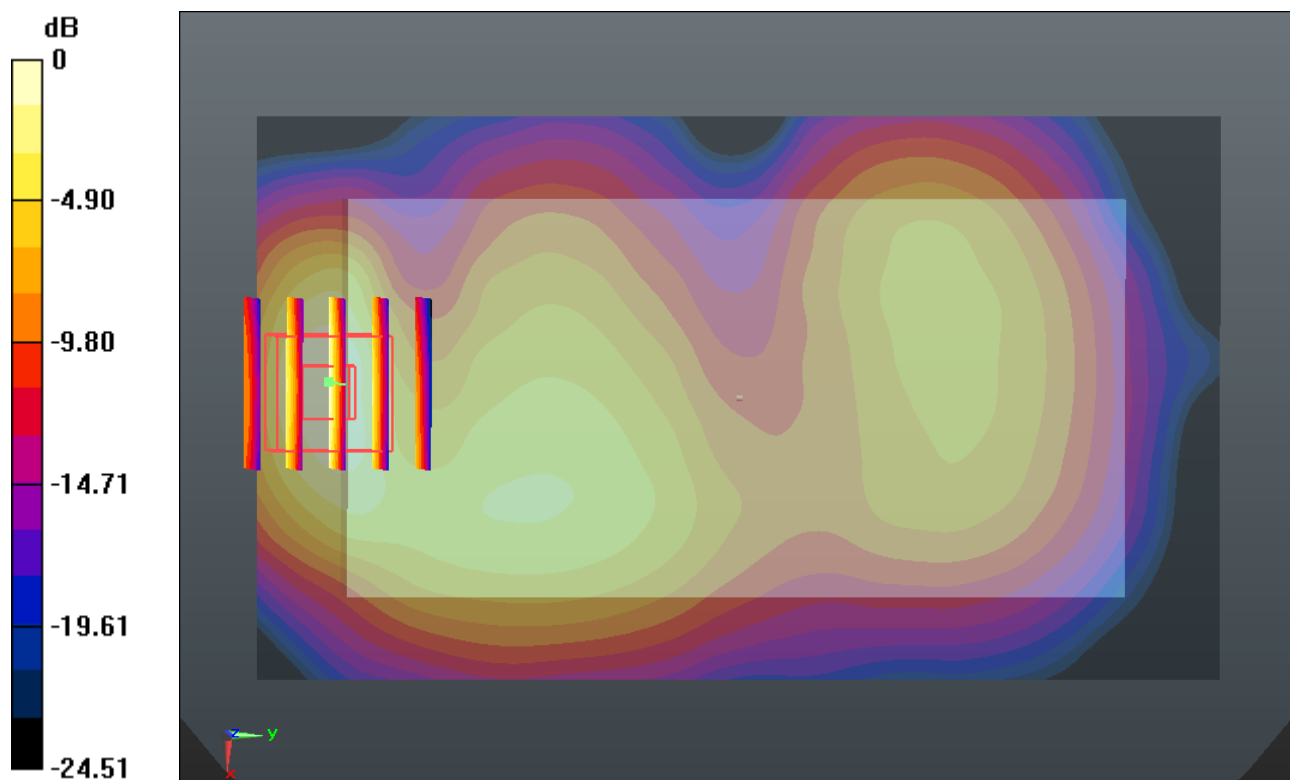
Communication System: General GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3  
Medium: MSL\_1900\_131121 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.495$  mho/m;  $\epsilon_r = 53.647$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.9 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.52, 7.52, 7.52); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch512/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.348 mW/g

**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 4.454 V/m; Power Drift = -0.01 dB  
Peak SAR (extrapolated) = 0.436 W/kg  
**SAR(1 g) = 0.240 mW/g; SAR(10 g) = 0.120 mW/g**  
Maximum value of SAR (measured) = 0.352 mW/g



0 dB = 0.350mW/g

### #47\_WCDMA Dcpcf 'V\_RMC12.2K\_Front 1cm\_Ch4182

Communication System: UMTS; Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium: MSL\_850\_131122 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.984$  mho/m;  $\epsilon_r = 54.837$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.48, 9.48, 9.48); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch4182/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.312 mW/g

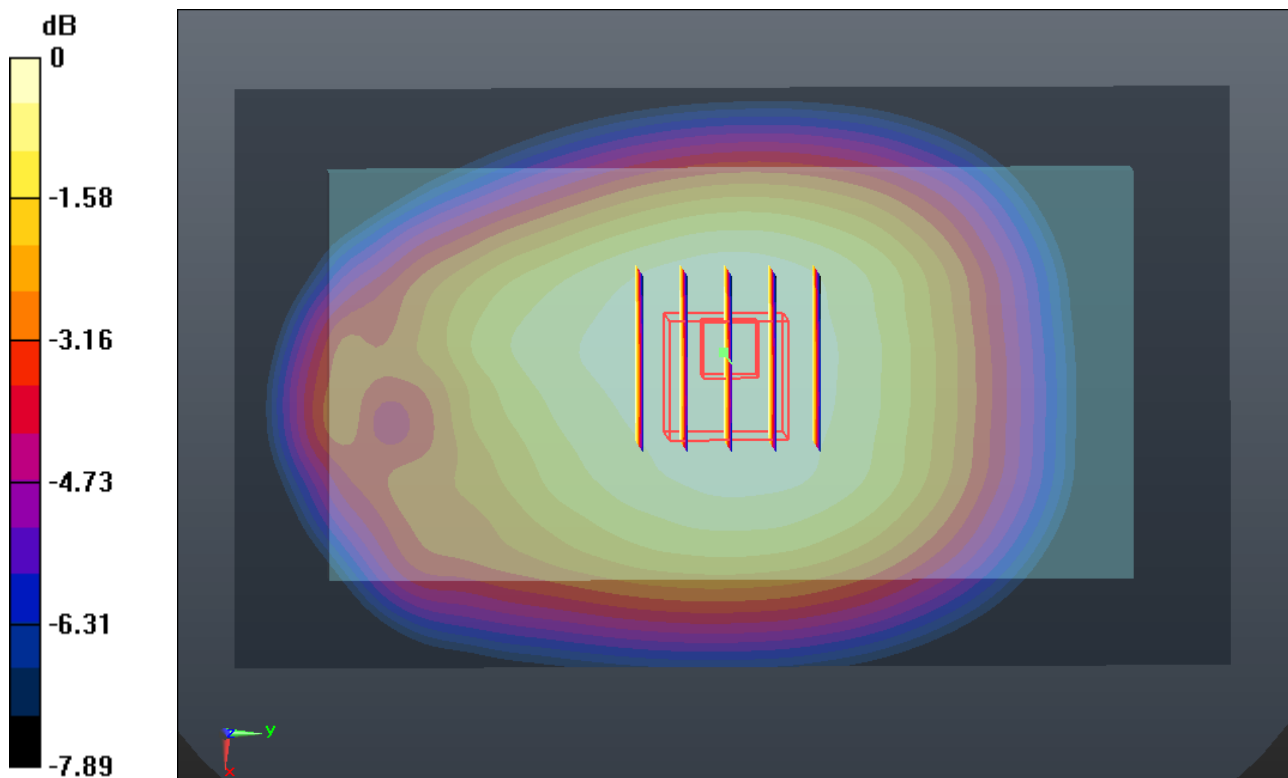
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.846 V/m; Power Drift = 0.0061 dB

Peak SAR (extrapolated) = 0.344 W/kg

**SAR(1 g) = 0.269 mW/g; SAR(10 g) = 0.210 mW/g**

Maximum value of SAR (measured) = 0.309 mW/g



0 dB = 0.310mW/g

### #48\_WCDMA Dcpcf 'V\_RMC12.2K\_Back 1cm\_Ch4182

Communication System: UMTS; Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium: MSL\_850\_131122 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.984$  mho/m;  $\epsilon_r = 54.837$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.48, 9.48, 9.48); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch4182/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.331 mW/g

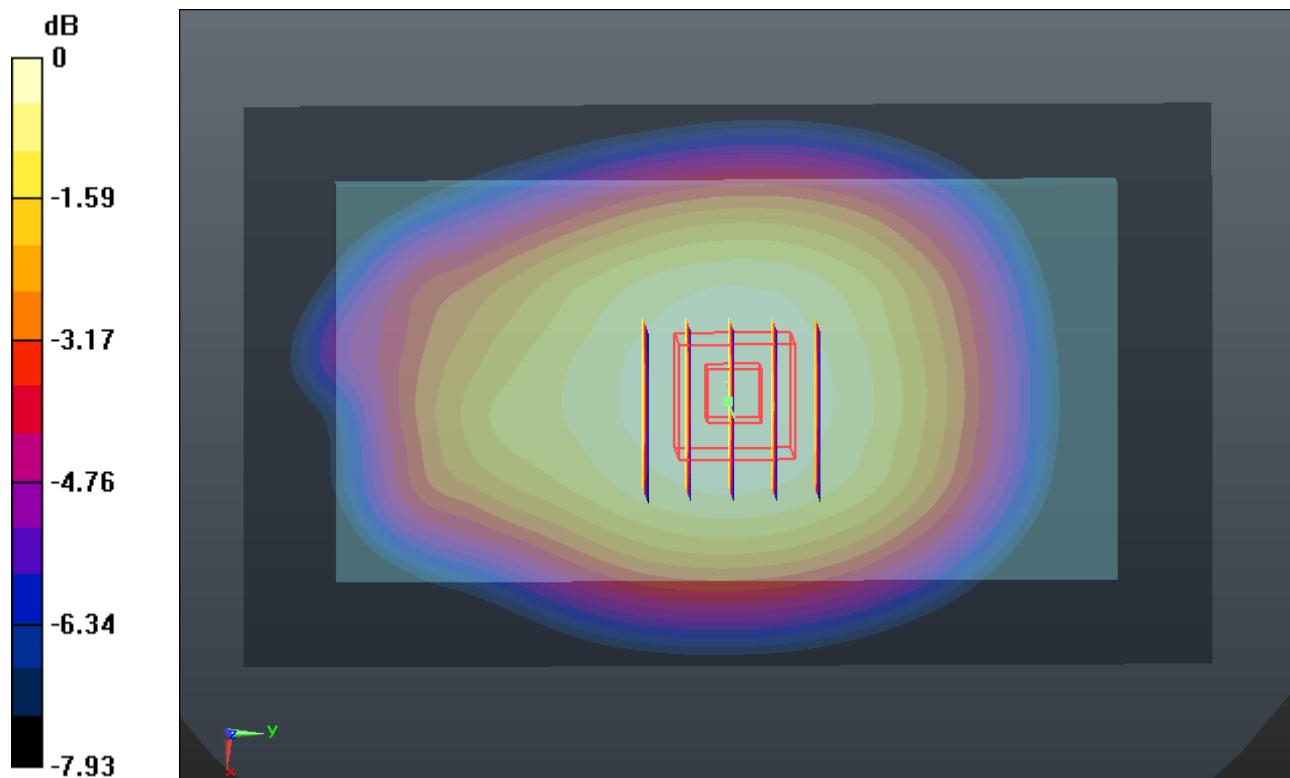
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.446 V/m; Power Drift = -0.0046 dB

Peak SAR (extrapolated) = 0.362 W/kg

**SAR(1 g) = 0.287 mW/g; SAR(10 g) = 0.221 mW/g**

Maximum value of SAR (measured) = 0.329 mW/g



0 dB = 0.330mW/g



### #50\_WCDMA Dcpf 'V\_RMC12.2K\_Right Side 1cm\_Ch4182

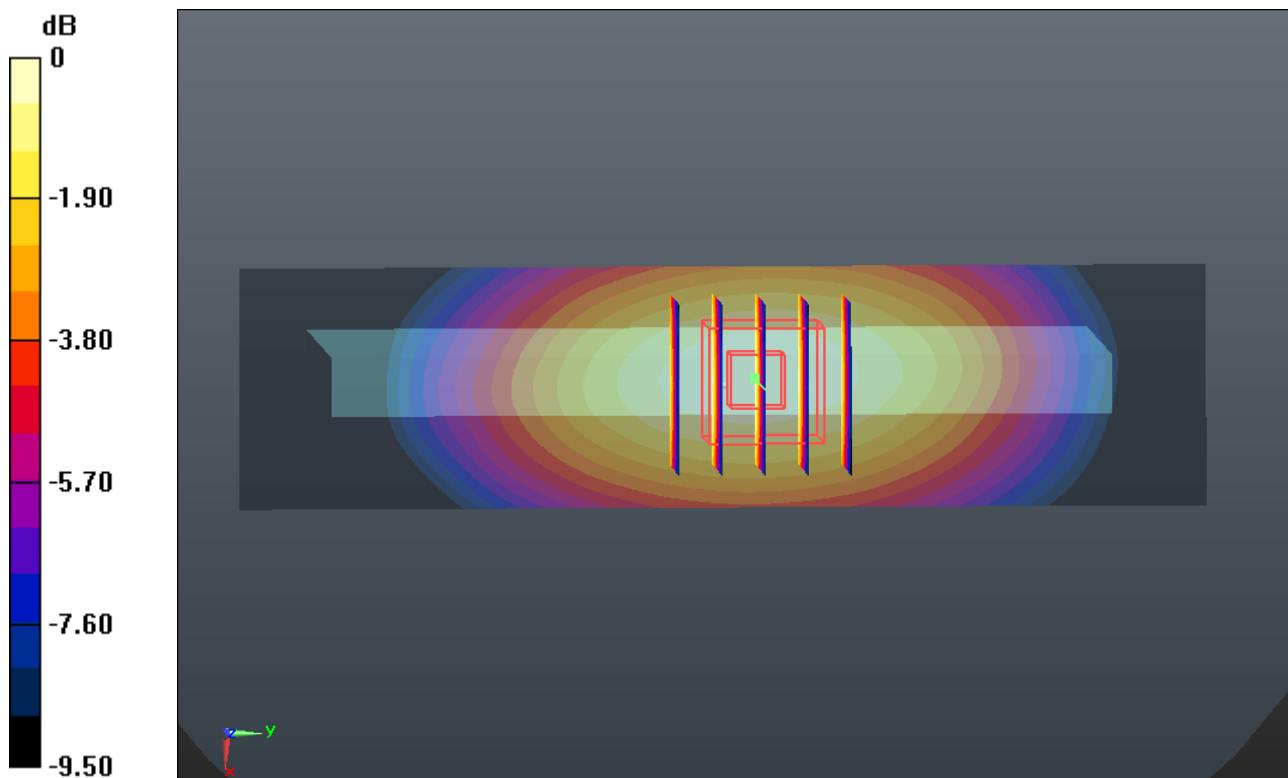
Communication System: UMTS; Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium: MSL\_850\_131122 Medium parameters used:  $f = 836.4 \text{ MHz}$ ;  $\sigma = 0.984 \text{ mho/m}$ ;  $\epsilon_r = 54.837$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(9.48, 9.48, 9.48); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch4182/Area Scan (31x121x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.237 mW/g

**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 14.449 V/m; Power Drift = -0.03 dB  
Peak SAR (extrapolated) = 0.278 W/kg  
**SAR(1 g) = 0.196 mW/g; SAR(10 g) = 0.136 mW/g**  
Maximum value of SAR (measured) = 0.240 mW/g



0 dB = 0.240mW/g

**#51\_WCDMA Dcpcf 'V\_RMC12.2K\_Bottom Side 1cm\_Ch4182**

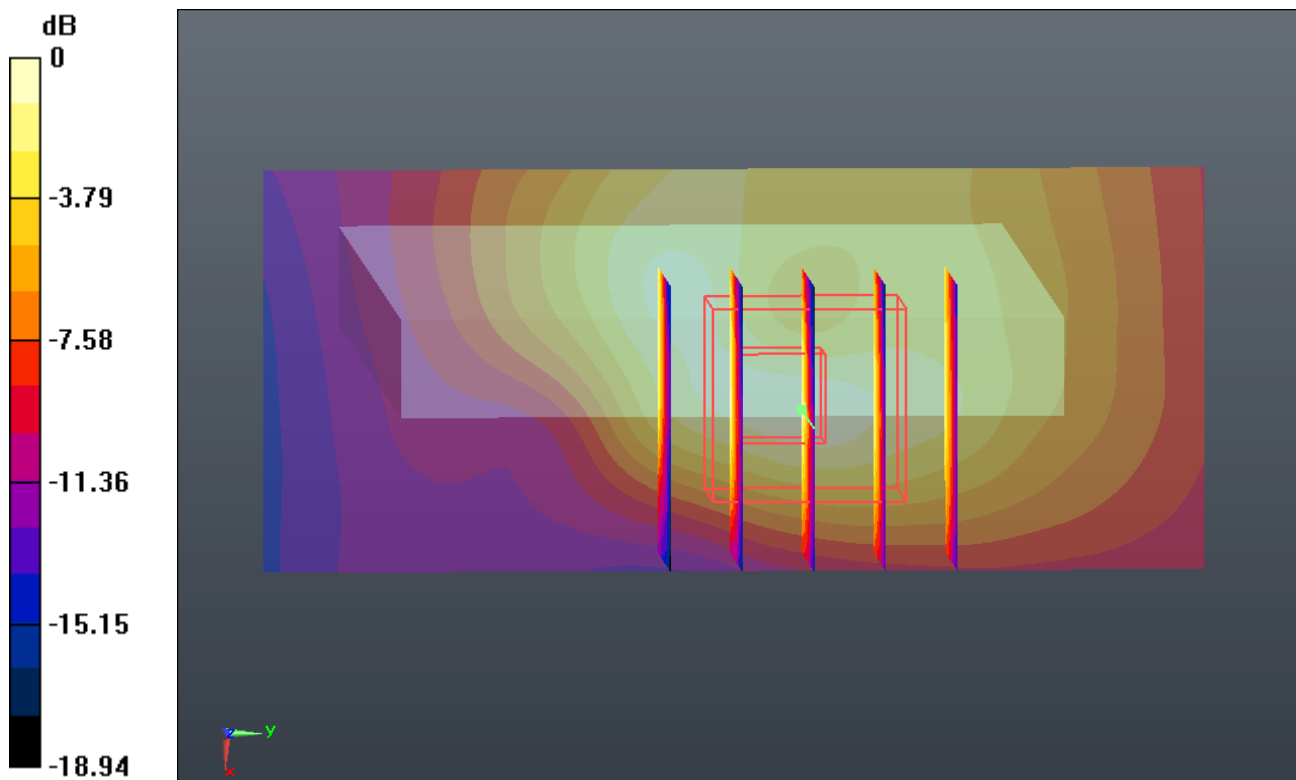
Communication System: UMTS; Frequency: 836.4 MHz; Duty Cycle: 1:1  
 Medium: MSL\_850\_131122 Medium parameters used:  $f = 836.4 \text{ MHz}$ ;  $\sigma = 0.984 \text{ mho/m}$ ;  $\epsilon_r = 54.837$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(9.48, 9.48, 9.48); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch4182/Area Scan (31x71x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.058 mW/g

**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 6.975 V/m; Power Drift = -0.02 dB  
 Peak SAR (extrapolated) = 0.084 W/kg  
**SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.022 mW/g**  
 Maximum value of SAR (measured) = 0.061 mW/g



0 dB = 0.060mW/g

### #54\_WCDMA Dcpcf 'II\_RMC12.2K\_Front 1cm\_Ch9262

Communication System: UMTS; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_131121 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.498$  mho/m;  $\epsilon_r =$

53.64;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.52, 7.52, 7.52); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch9262/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.660 mW/g

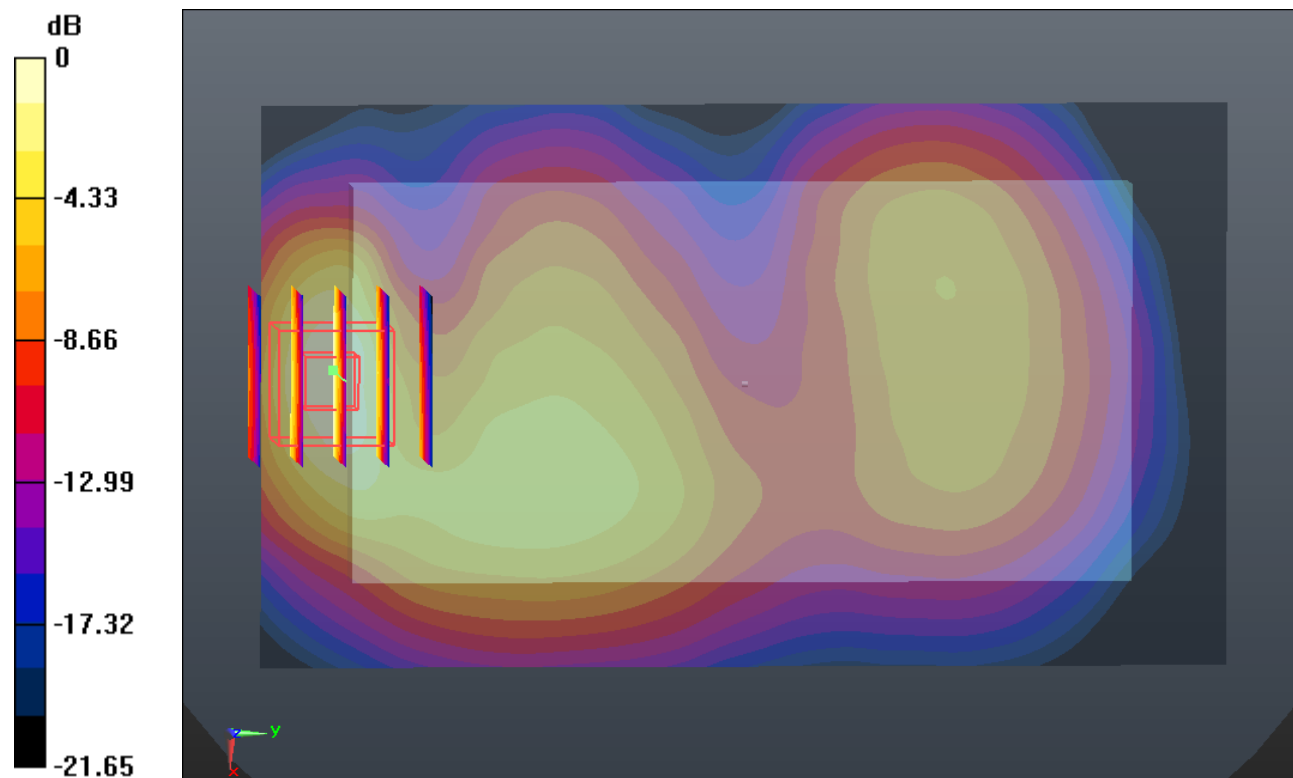
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.993 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.826 W/kg

**SAR(1 g) = 0.457 mW/g; SAR(10 g) = 0.229 mW/g**

Maximum value of SAR (measured) = 0.666 mW/g



0 dB = 0.670mW/g

### #55\_WCDMA Dcpcf 'II\_RMC12.2K\_Back 1cm\_Ch9262

Communication System: UMTS; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_131121 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.498$  mho/m;  $\epsilon_r =$

53.64;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.52, 7.52, 7.52); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch9262/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.425 mW/g

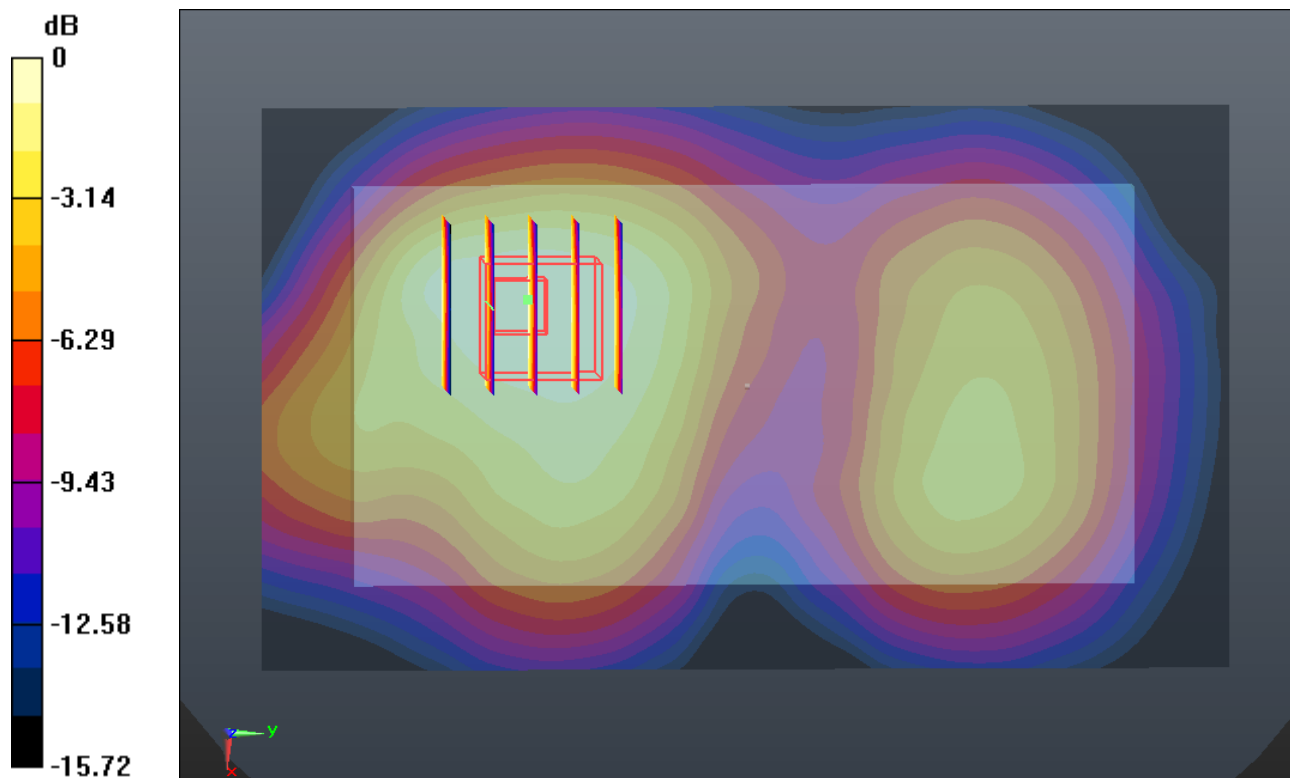
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.741 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.482 W/kg

**SAR(1 g) = 0.326 mW/g; SAR(10 g) = 0.211 mW/g**

Maximum value of SAR (measured) = 0.409 mW/g



0 dB = 0.410mW/g

### #57\_WCDMA Dcpf 'II\_RMC12.2K\_Right Side 1cm\_Ch9262

Communication System: UMTS; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_131121 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.498$  mho/m;  $\epsilon_r =$

53.64;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.52, 7.52, 7.52); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch9262/Area Scan (31x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.344 mW/g

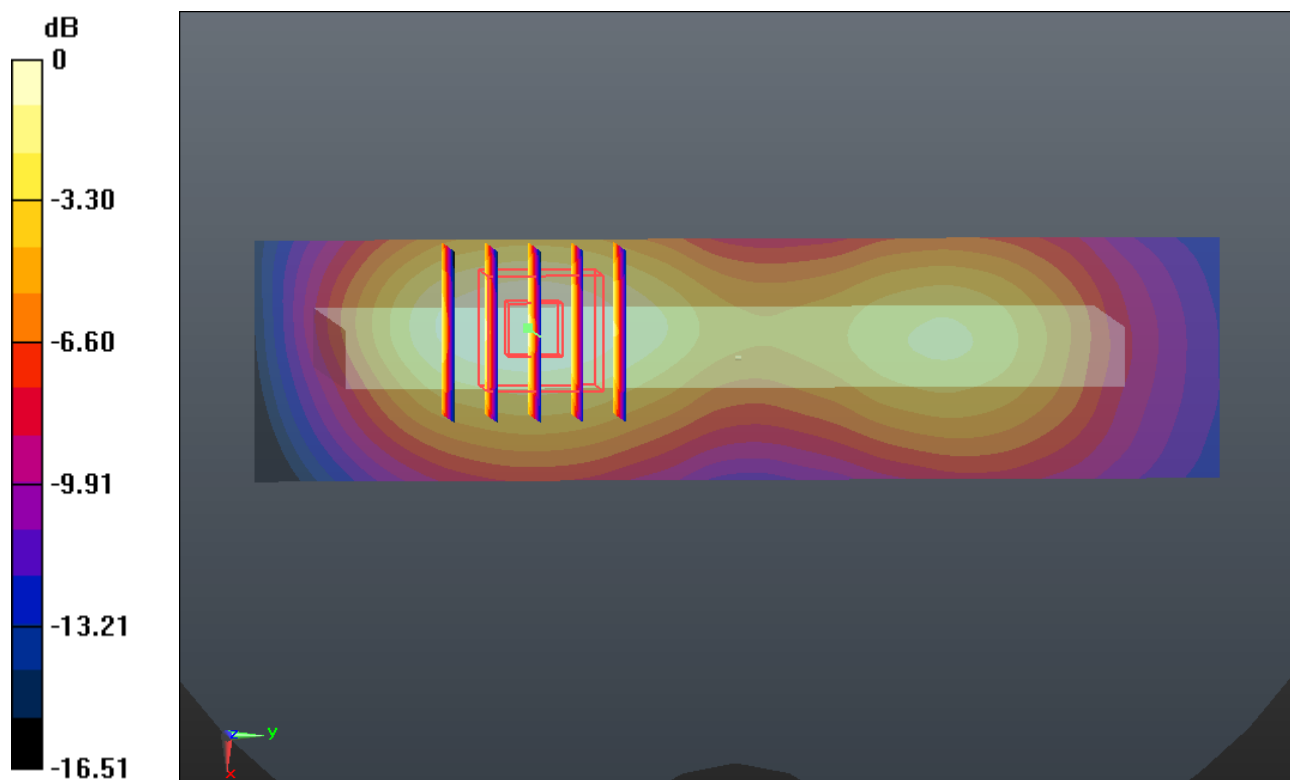
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.343 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.404 W/kg

**SAR(1 g) = 0.258 mW/g; SAR(10 g) = 0.154 mW/g**

Maximum value of SAR (measured) = 0.339 mW/g



0 dB = 0.340mW/g

**#58\_WCDMA Dcpf 'II\_RMC12.2K\_Bottom Side 1cm\_Ch9262**

Communication System: UMTS; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_131121 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.498$  mho/m;  $\epsilon_r =$

53.64;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.52, 7.52, 7.52); Calibrated: 2013.06.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch9262/Area Scan (31x71x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.825 mW/g

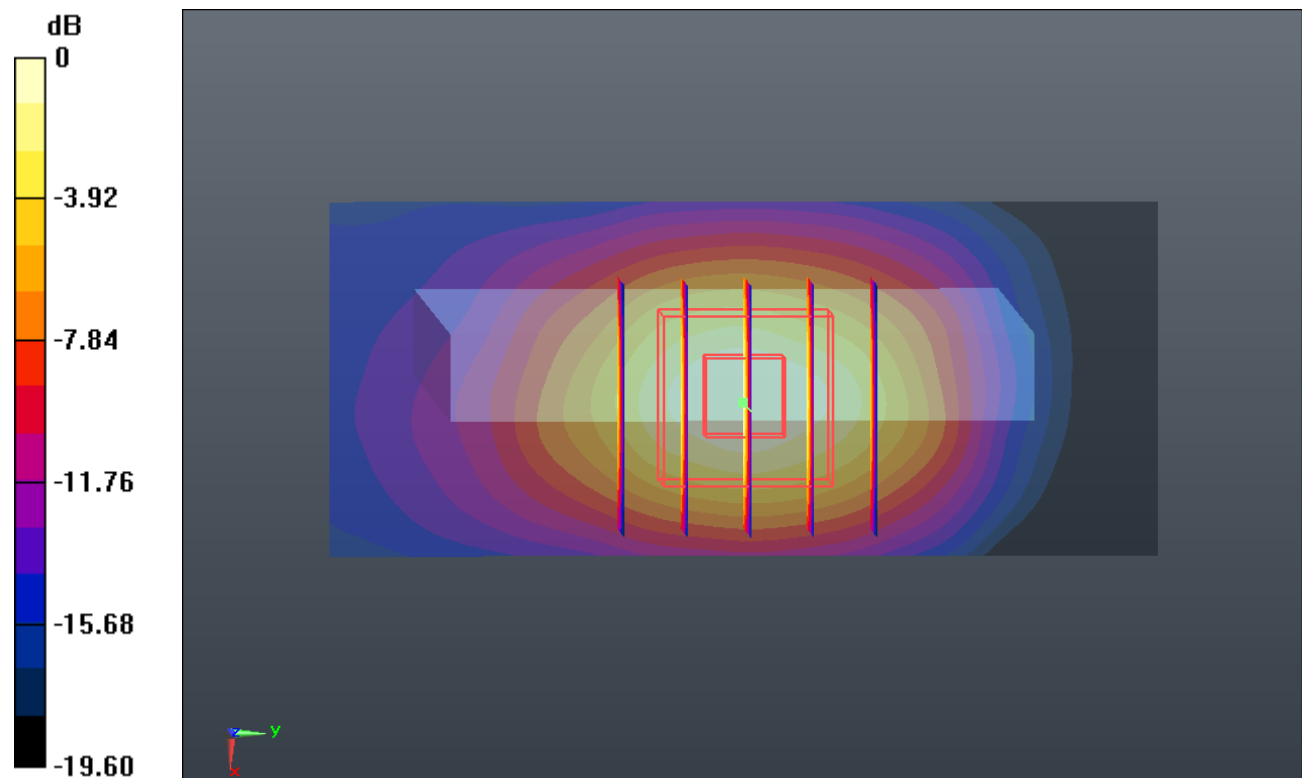
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.649 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.927 W/kg

**SAR(1 g) = 0.521 mW/g; SAR(10 g) = 0.263 mW/g**

Maximum value of SAR (measured) = 0.747 mW/g



0 dB = 0.750mW/g

**#61\_WLAN2.4GJ | \_802.11b\_1M\_Front 1cm\_Ch11**

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_131121 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.956$  mho/m;  $\epsilon_r =$

$51.361$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7, 7, 7); Calibrated: 2013.06.20

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19

- Phantom: SAM2; Type: SAM; Serial: TP-1477

- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch11/Area Scan (91x151x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.112 mW/g

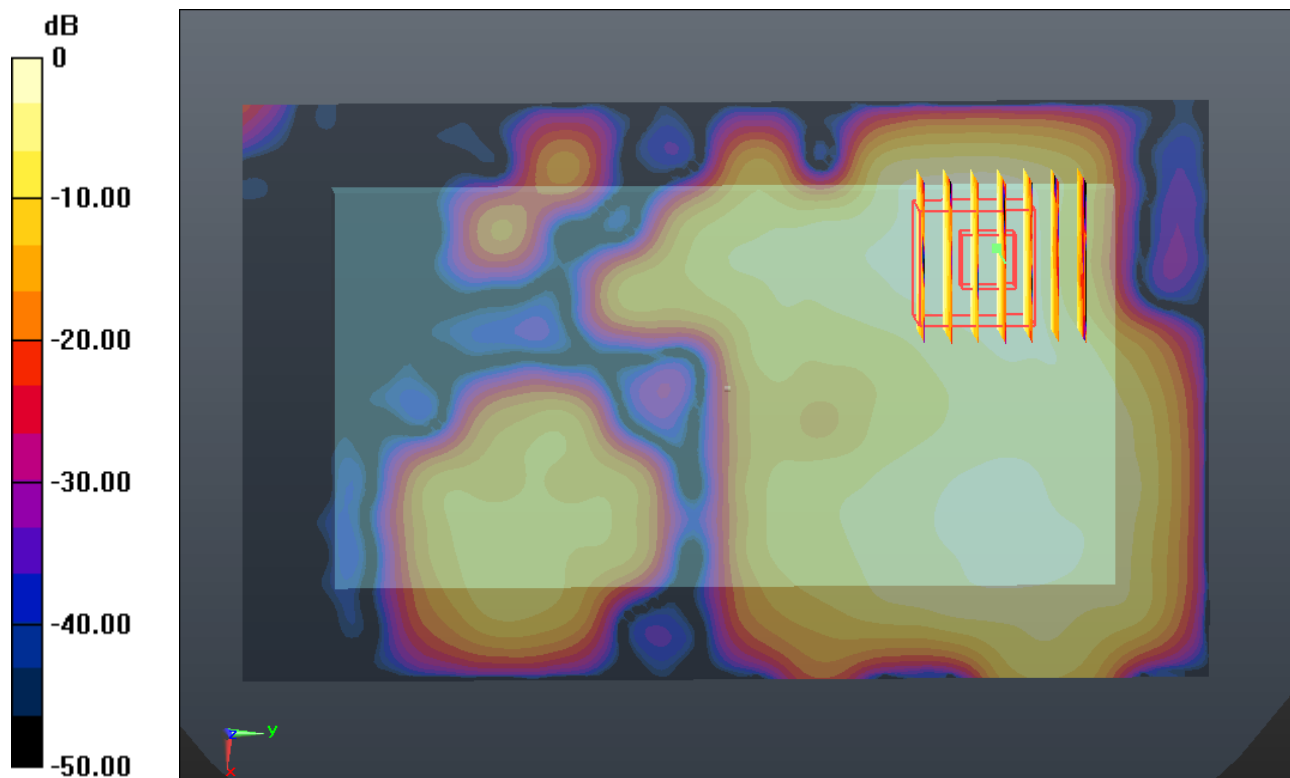
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.617 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.139 W/kg

**SAR(1 g) = 0.069 mW/g; SAR(10 g) = 0.033 mW/g**

Maximum value of SAR (measured) = 0.101 mW/g



0 dB = 0.100mW/g

**#62\_WLAN2.4GJ | \_802.11b\_1M\_Back 1cm\_Ch11**

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_131121 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.956$  mho/m;  $\epsilon_r =$

$51.361$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7, 7, 7); Calibrated: 2013.06.20

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19

- Phantom: SAM2; Type: SAM; Serial: TP-1477

- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch11/Area Scan (91x151x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.154 mW/g

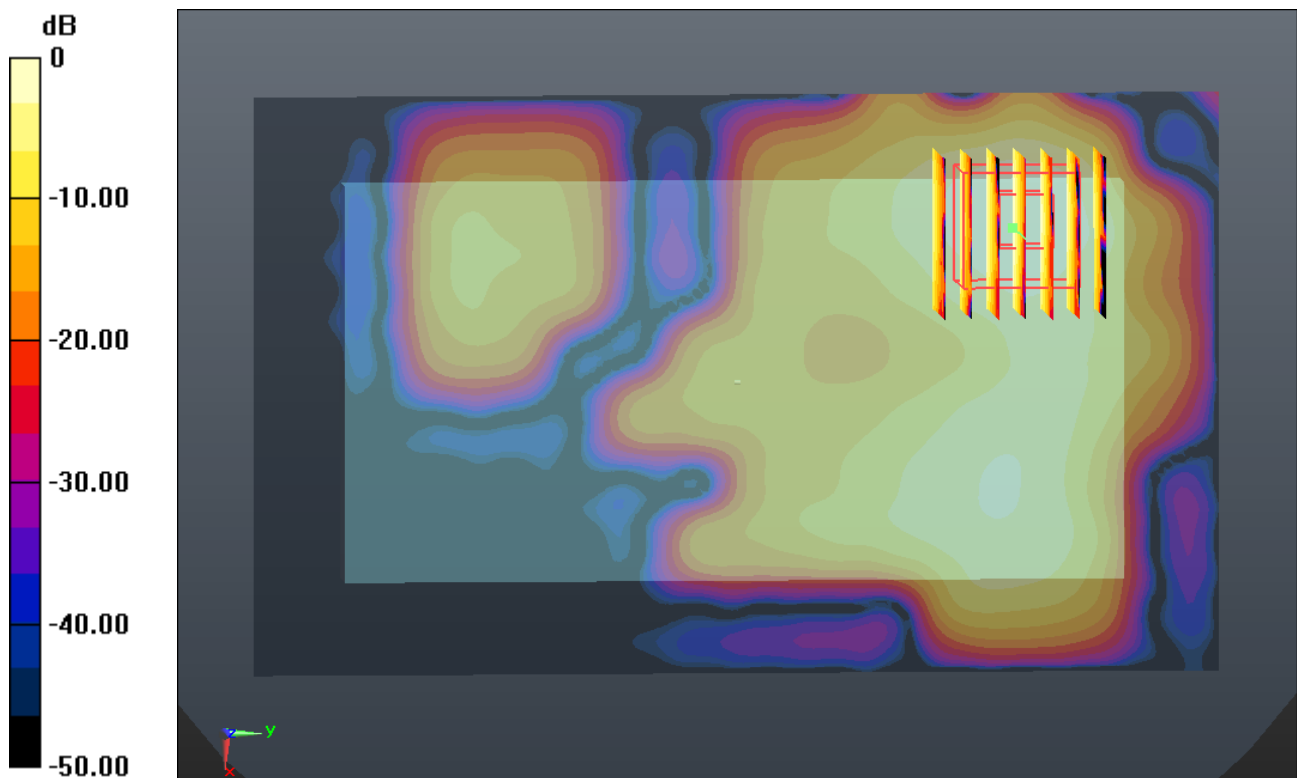
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.739 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.212 W/kg

**SAR(1 g) = 0.097 mW/g; SAR(10 g) = 0.042 mW/g**

Maximum value of SAR (measured) = 0.144 mW/g



0 dB = 0.140mW/g



### #63\_WLAN2.4GJ | \_802.11b\_1M\_Right Side 1cm\_Ch11

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_131121 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.956$  mho/m;  $\epsilon_r =$

$51.361$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7, 7, 7); Calibrated: 2013.06.20

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19

- Phantom: SAM2; Type: SAM; Serial: TP-1477

- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch11/Area Scan (31x151x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.067 mW/g

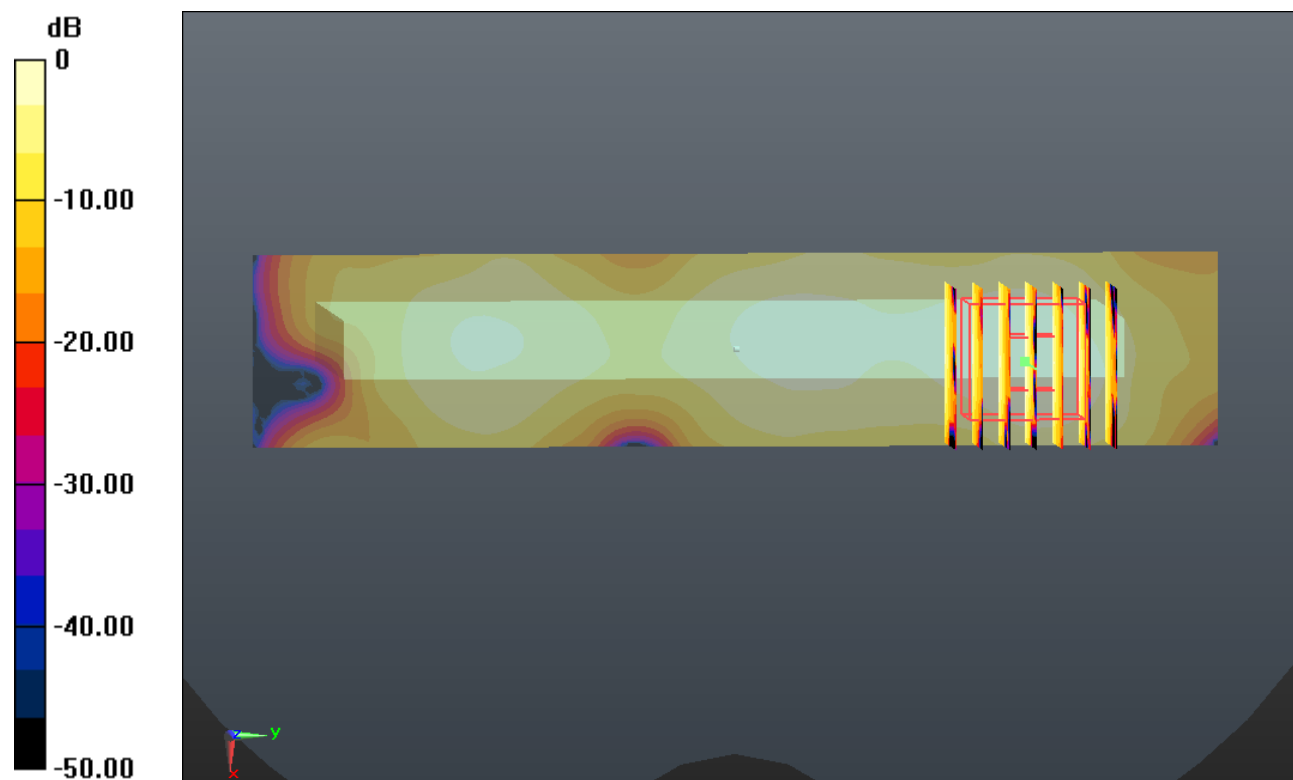
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.387 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.085 W/kg

**SAR(1 g) = 0.041 mW/g; SAR(10 g) = 0.018 mW/g**

Maximum value of SAR (measured) = 0.062 mW/g



0 dB = 0.060mW/g

**#64\_WLAN2.4GJ | \_802.11b\_1M\_Top Side 1cm\_Ch11**

Communication System: WIFI; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_131121 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.956$  mho/m;  $\epsilon_r =$

$51.361$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7, 7, 7); Calibrated: 2013.06.20

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2013.06.19

- Phantom: SAM2; Type: SAM; Serial: TP-1477

- Measurement SW: DASY52, Version 52.8 (5); SEMCAD X Version 14.4.5 (3634)

**Ch11/Area Scan (31x91x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.036 mW/g

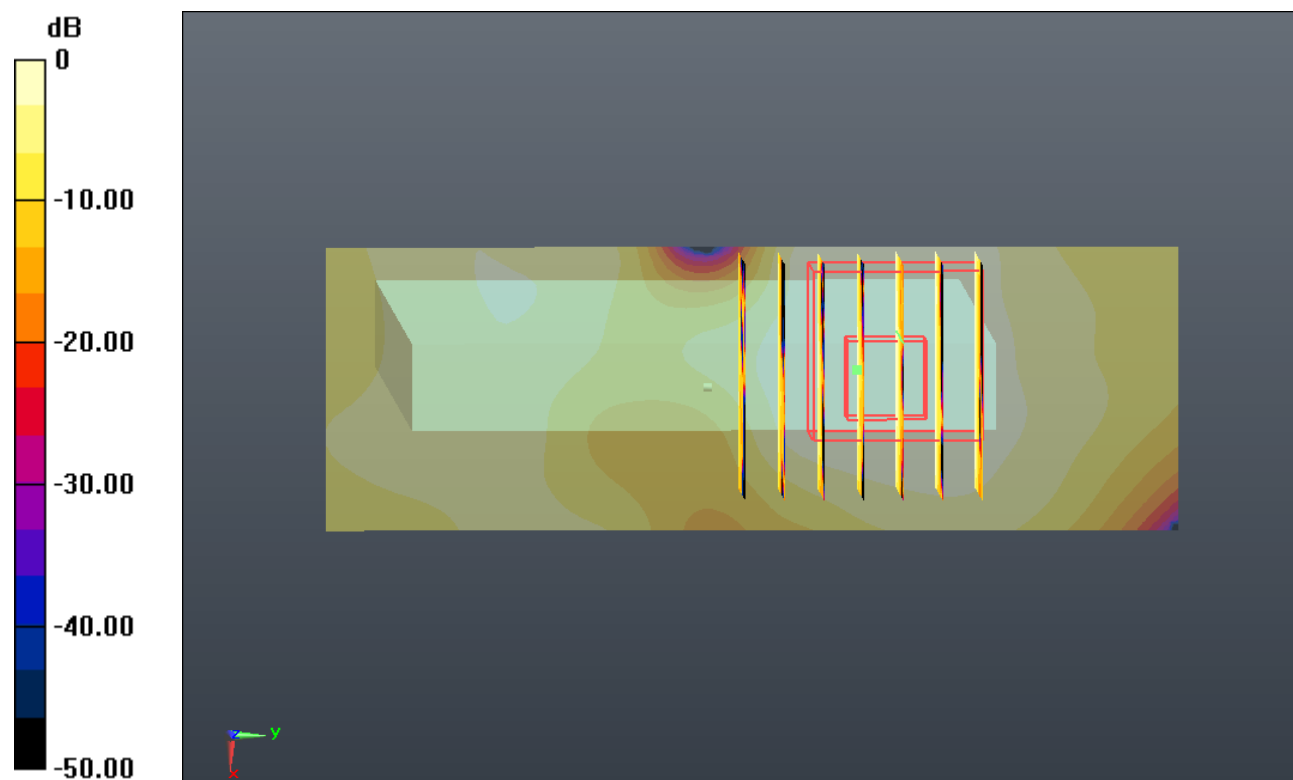
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.907 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.049 W/kg

**SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.011 mW/g**

Maximum value of SAR (measured) = 0.034 mW/g



0 dB = 0.030mW/g