



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

The plots are shown as follows.

**System Check\_Head\_835MHz\_131014**

**DUT: D835V2-SN:4d151**

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

Medium: HSL\_835\_131014 Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.91 \text{ mho/m}$ ;  $\epsilon_r = 42.91$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (interpolated) = 3.22 W/kg

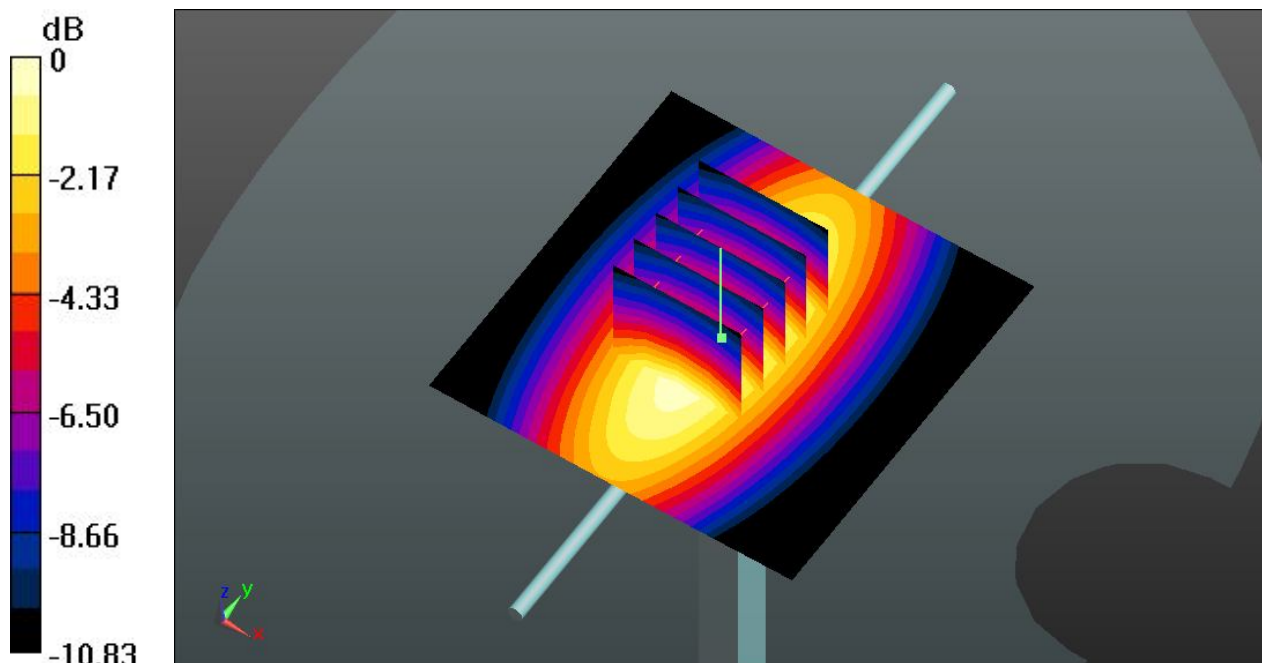
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 60.209 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 3.834 mW/g

**SAR(1 g) = 2.53 mW/g; SAR(10 g) = 1.65 mW/g**

Maximum value of SAR (measured) = 3.23 W/kg



0 dB = 3.23 W/kg

### System Check\_Head\_1900MHz\_131014

**DUT: D1900V2-SN:5d170**

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

Medium: HSL\_1900\_131014 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.453$  mho/m;  $\epsilon_r = 39.146$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (interpolated) = 14.8 W/kg

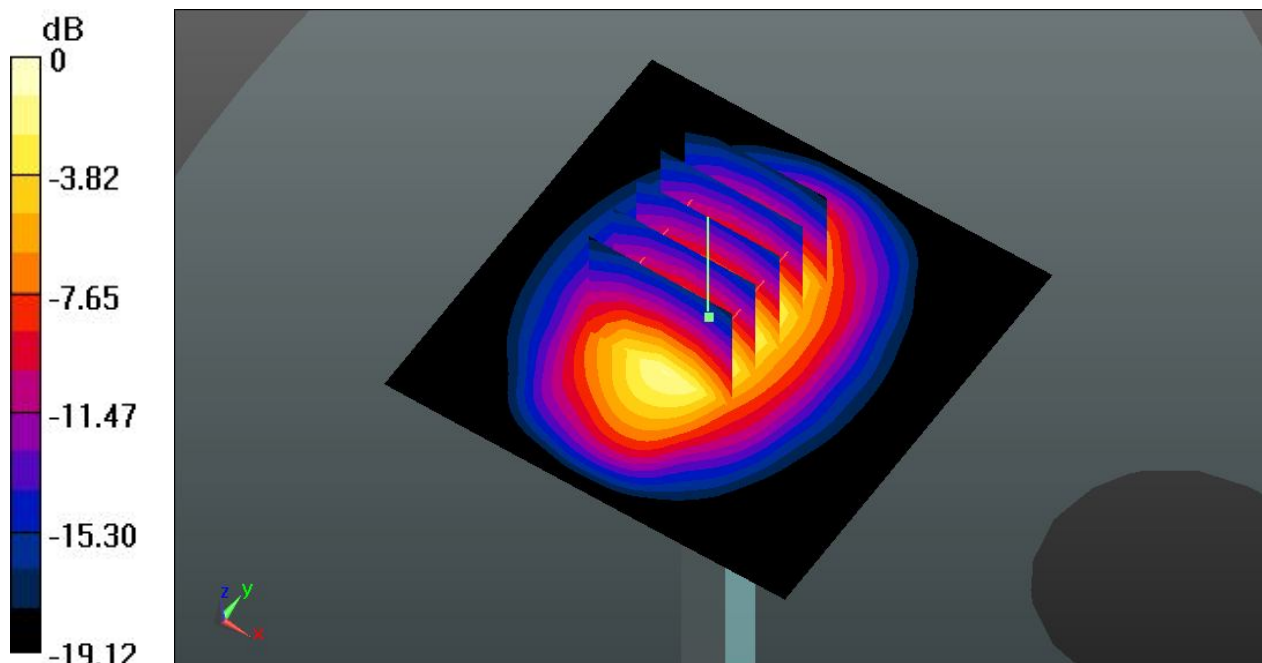
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 101.6 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 19.107 mW/g

**SAR(1 g) = 10.2 mW/g; SAR(10 g) = 5.27 mW/g**

Maximum value of SAR (measured) = 14.4 W/kg



0 dB = 14.4 W/kg

### System Check\_Head\_1900MHz\_131022

**DUT: D1900V2-SN:5d170**

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

Medium: HSL\_1900\_131022 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.417$  mho/m;  $\epsilon_r = 40.994$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (interpolated) = 13.9 W/kg

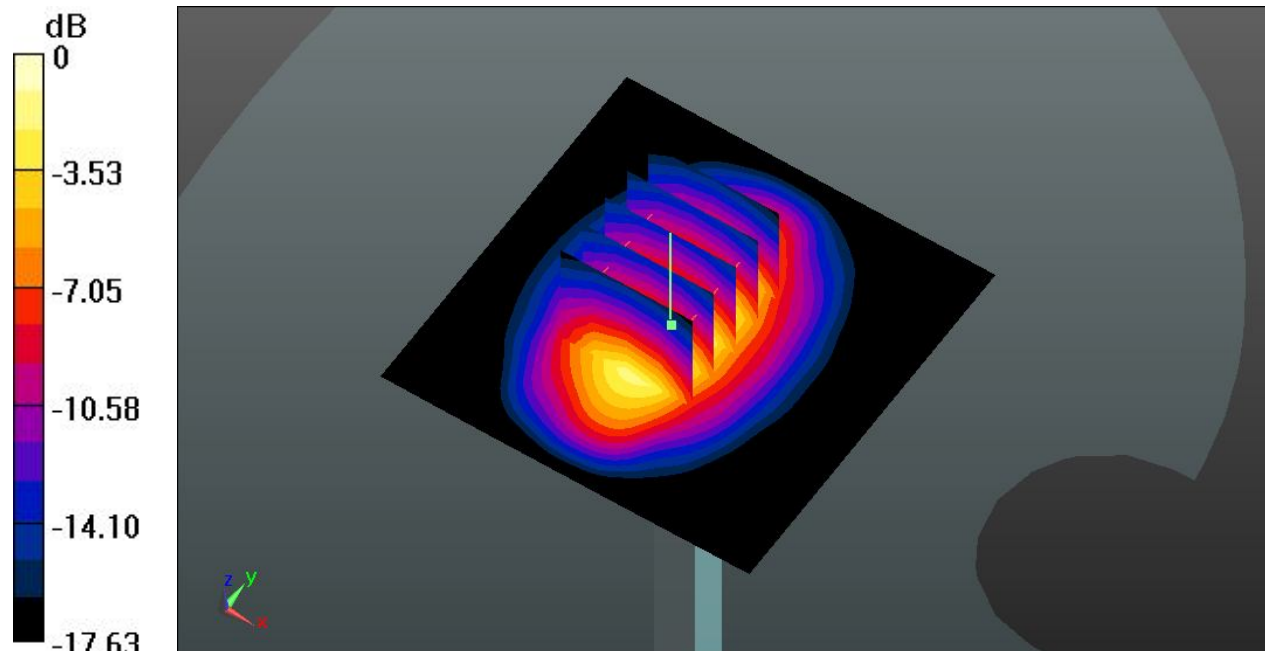
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 98.112 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 17.560 mW/g

**SAR(1 g) = 9.66 mW/g; SAR(10 g) = 5.04 mW/g**

Maximum value of SAR (measured) = 13.7 W/kg



0 dB = 13.7 W/kg

### System Check\_Head\_2450MHz\_131022

**DUT: D2450V2-SN:840**

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1  
Medium: HSL\_2450\_131022 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.878$  mho/m;  $\epsilon_r = 40.464$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Pin=250mW/Area Scan (81x81x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 20.1 W/kg

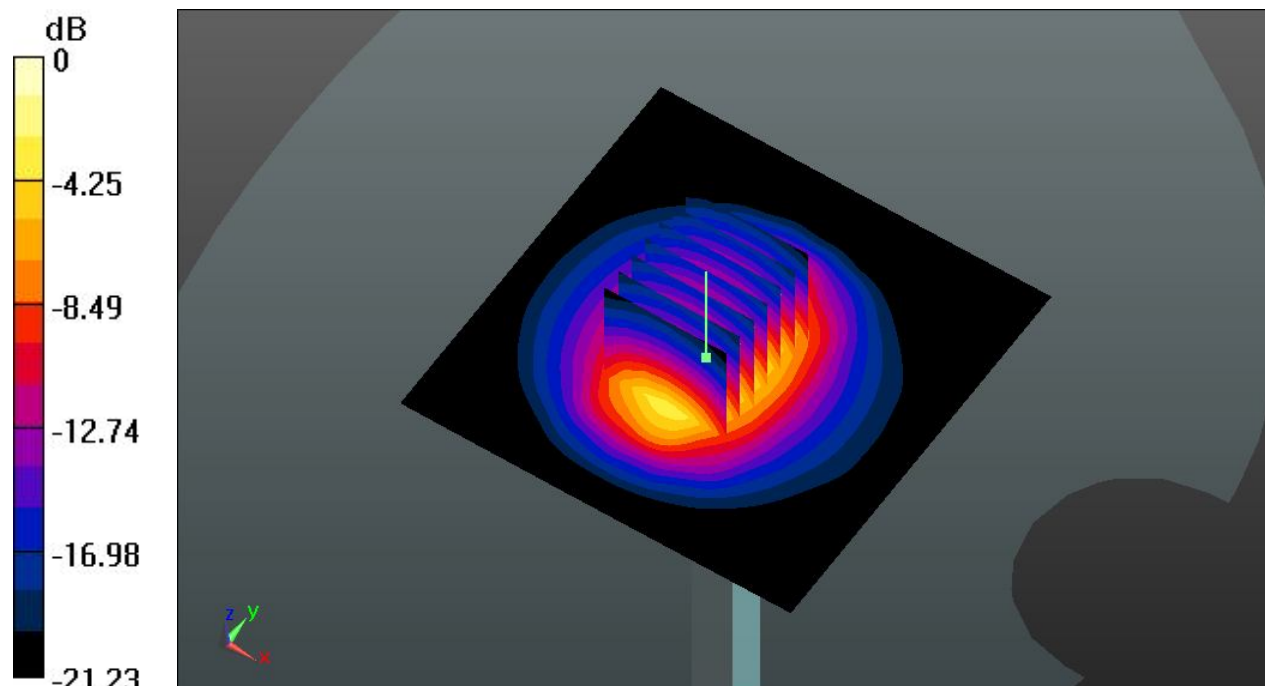
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 87.980 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 26.833 mW/g

**SAR(1 g) = 13 mW/g; SAR(10 g) = 6.04 mW/g**

Maximum value of SAR (measured) = 19.9 W/kg



0 dB = 19.9 W/kg

### System Check\_Body\_835MHz\_131014

**DUT: D835V2-SN:4d151**

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

Medium: MSL\_835\_131014 Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 1.011 \text{ mho/m}$ ;  $\epsilon_r = 56.243$ ;  
 $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.5 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (interpolated) =  $2.49 \text{ W/kg}$

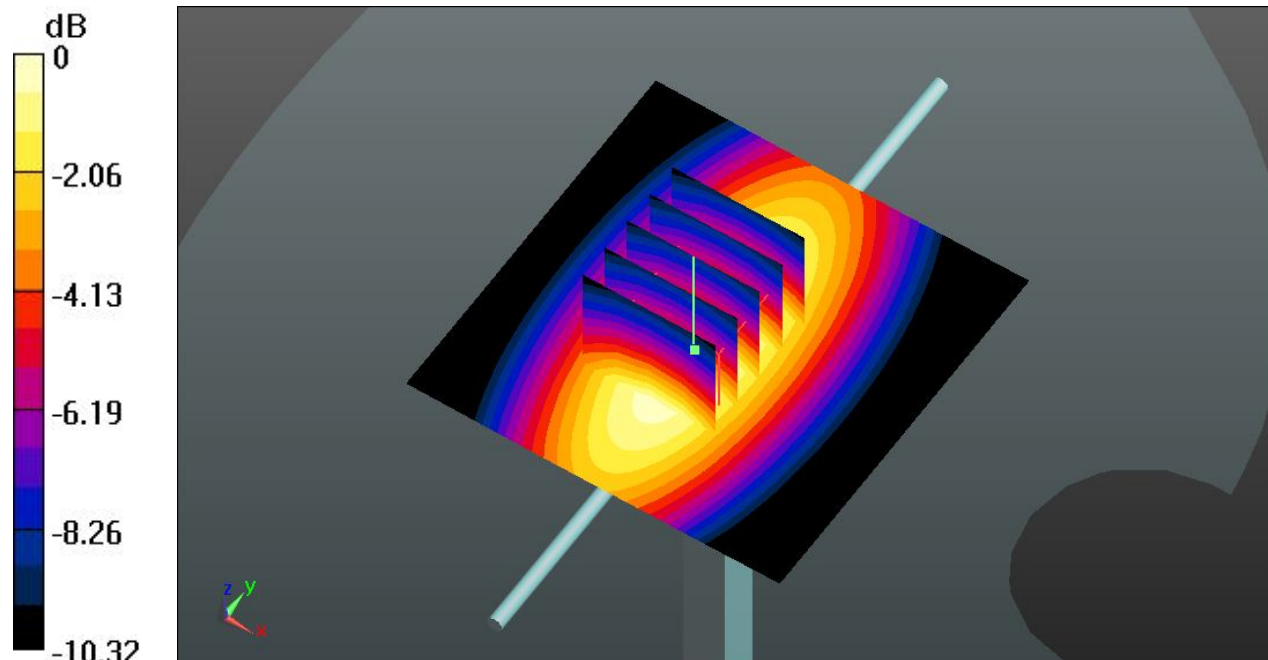
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $49.462 \text{ V/m}$ ; Power Drift =  $0.03 \text{ dB}$

Peak SAR (extrapolated) =  $3.392 \text{ mW/g}$

**SAR(1 g) =  $2.31 \text{ mW/g}$ ; SAR(10 g) =  $1.52 \text{ mW/g}$**

Maximum value of SAR (measured) =  $2.48 \text{ W/kg}$



0 dB =  $2.48 \text{ W/kg}$

### System Check\_Body\_1900MHz\_131015

**DUT: D1900V2-SN:5d170**

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131015 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.533$  mho/m;  $\epsilon_r = 54.611$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (interpolated) = 14.5 W/kg

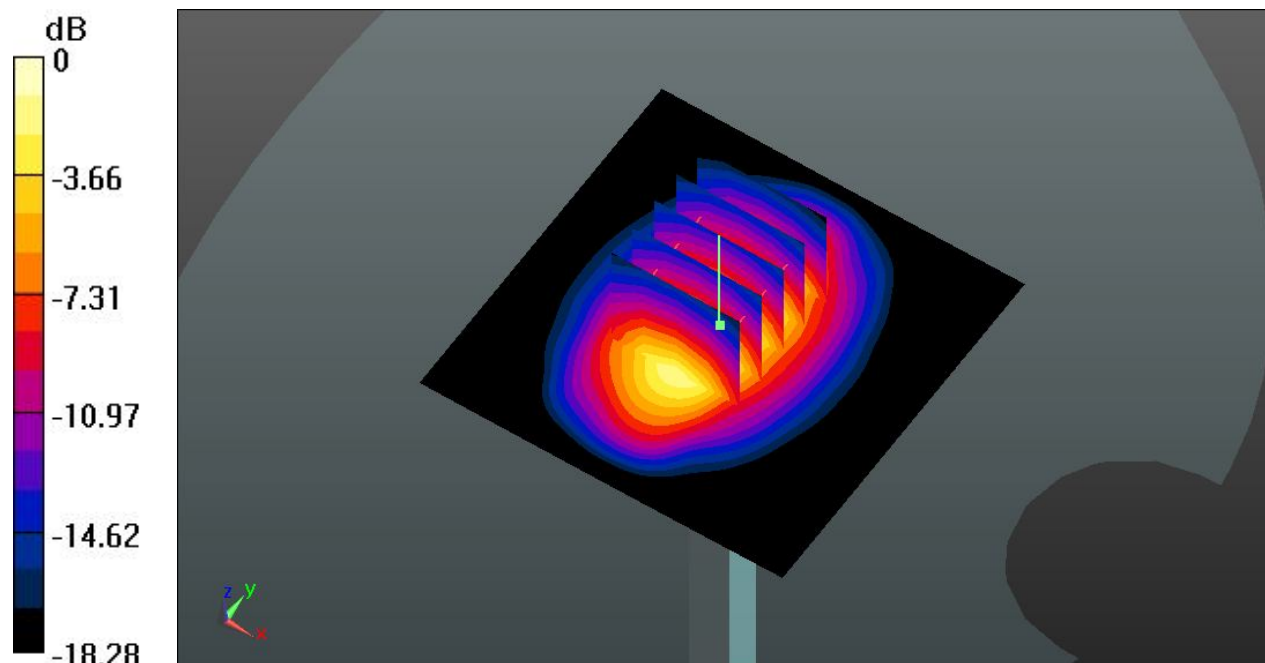
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 85.872 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 18.503 mW/g

**SAR(1 g) = 10.2 mW/g; SAR(10 g) = 5.29 mW/g**

Maximum value of SAR (measured) = 14.6 W/kg



0 dB = 14.6 W/kg

### System Check\_Body\_1900MHz\_131021

#### DUT: D1900V2-SN:5d170

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131021 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.531$  mho/m;  $\epsilon_r = 54.732$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

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

Maximum value of SAR (interpolated) = 14.7 W/kg

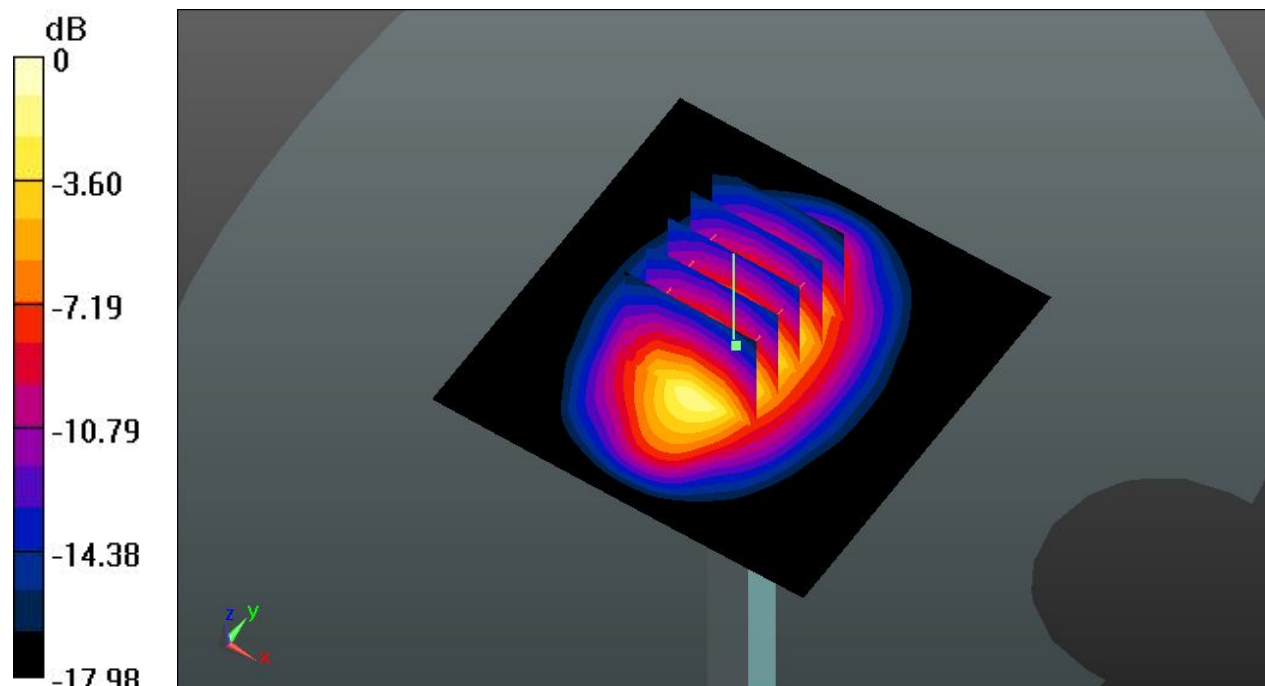
**Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 86.897 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 18.358 mW/g

**SAR(1 g) = 10.3 mW/g; SAR(10 g) = 5.35 mW/g**

Maximum value of SAR (measured) = 14.4 W/kg



0 dB = 14.4 W/kg



**System Check\_Body\_2450MHz\_131022**

**DUT: D2450V2-SN:840**

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1  
 Medium: MSL\_2450\_131022 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.949$  mho/m;  $\epsilon_r = 51.667$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Pin=250mW/Area Scan (81x81x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 21.0 W/kg

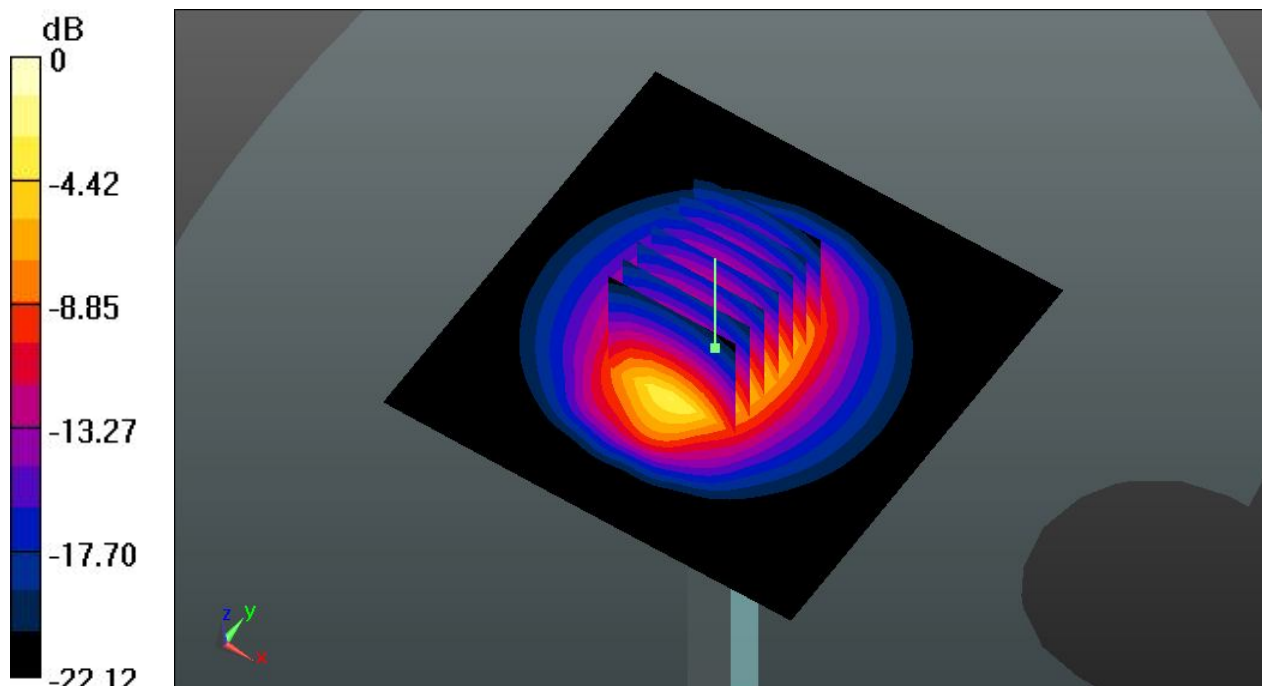
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 88.812 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 28.624 mW/g

**SAR(1 g) = 13.6 mW/g; SAR(10 g) = 6.25 mW/g**

Maximum value of SAR (measured) = 21.0 W/kg



0 dB = 21.0 W/kg



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

The plots are shown as follows.

### 01 CDMA2000 BC0\_RC3 SO55\_Right Cheek\_Ch1013

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1  
Medium: HSL\_835\_131014 Medium parameters used:  $f = 825 \text{ MHz}$ ;  $\sigma = 0.9 \text{ mho/m}$ ;  $\epsilon_r = 43.034$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature :  $23.5 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.7 \text{ }^\circ\text{C}$

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch1013/Area Scan (61x11x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) =  $0.204 \text{ W/kg}$

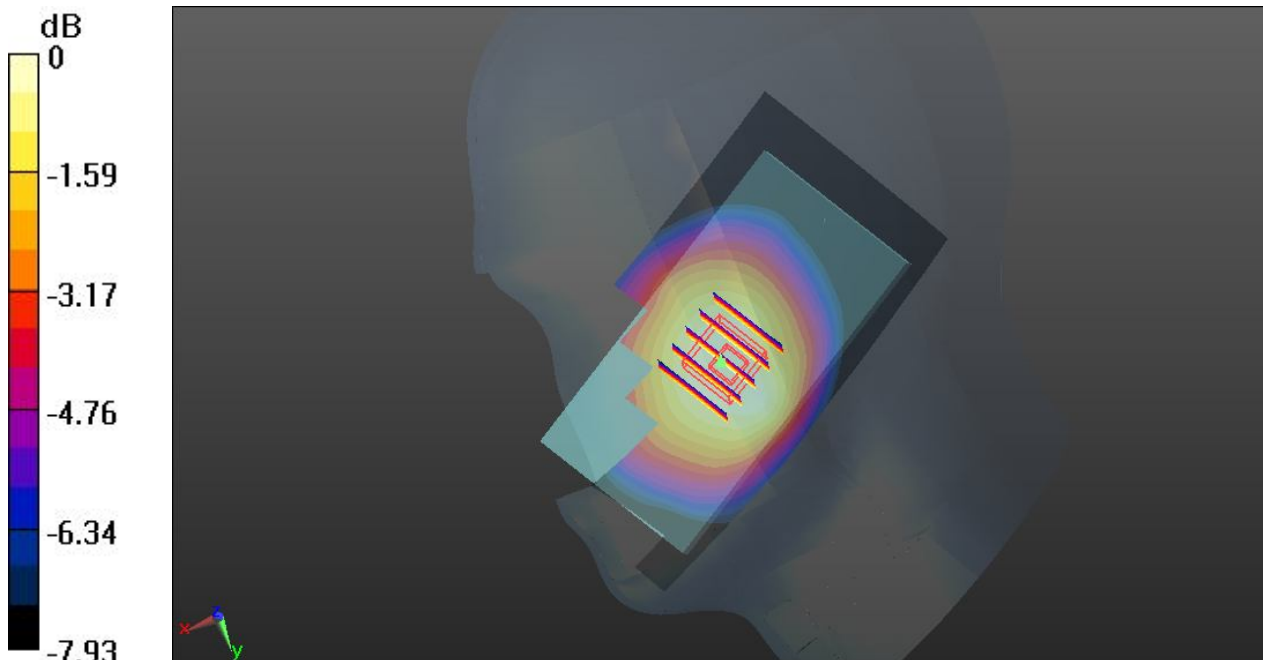
#### Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value =  $3.867 \text{ V/m}$ ; Power Drift =  $0.09 \text{ dB}$

Peak SAR (extrapolated) =  $0.211 \text{ mW/g}$

**SAR(1 g) =  $0.170 \text{ mW/g}$ ; SAR(10 g) =  $0.130 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.192 \text{ W/kg}$



0 dB =  $0.192 \text{ W/kg}$

### 02 CDMA2000 BC0\_RC3 SO55\_Right Tilted\_Ch1013

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1  
Medium: HSL\_835\_131014 Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.9$  mho/m;  $\epsilon_r = 43.034$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch1013/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.143 W/kg

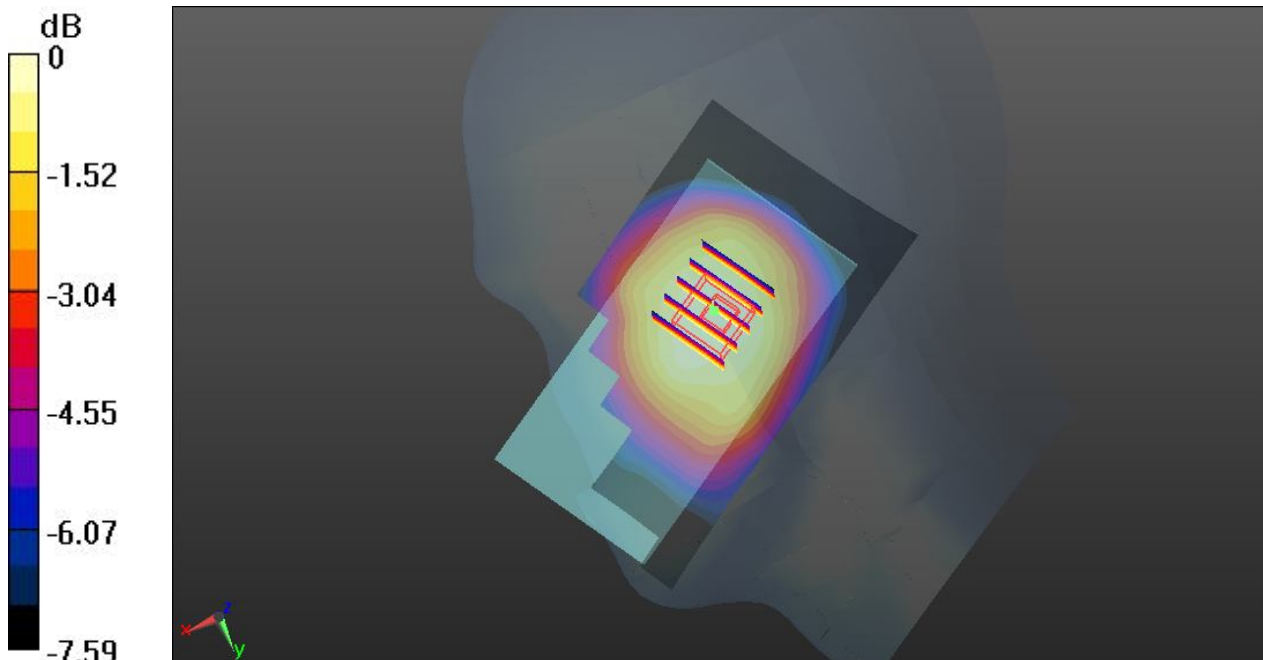
#### Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.968 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.151 mW/g

**SAR(1 g) = 0.124 mW/g; SAR(10 g) = 0.097 mW/g**

Maximum value of SAR (measured) = 0.139 W/kg



0 dB = 0.139 W/kg

### 03 CDMA2000 BC0\_RC3 SO55\_Left Cheek\_Ch1013

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1  
Medium: HSL\_835\_131014 Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.9$  mho/m;  $\epsilon_r = 43.034$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch1013/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.193 W/kg

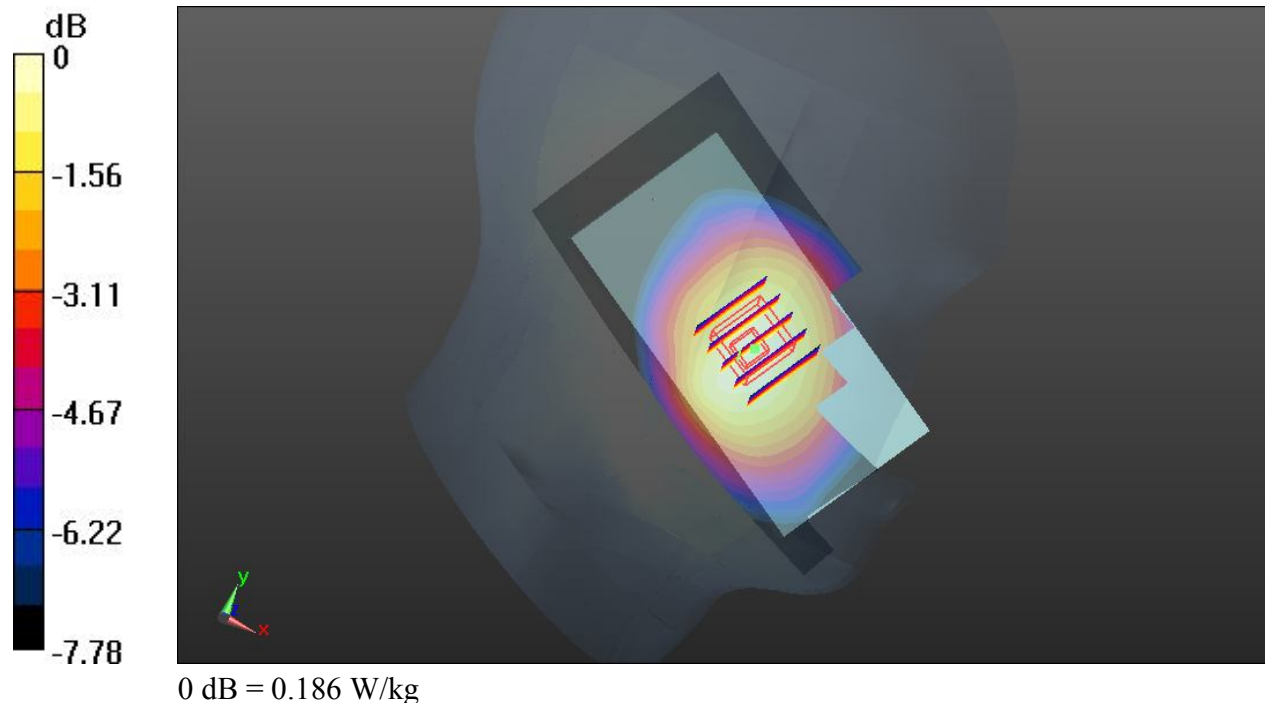
#### Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.443 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.206 mW/g

**SAR(1 g) = 0.164 mW/g; SAR(10 g) = 0.127 mW/g**

Maximum value of SAR (measured) = 0.186 W/kg



### 04 CDMA2000 BC0\_RC3 SO55\_Left Tilted\_Ch1013

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1  
Medium: HSL\_835\_131014 Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.9$  mho/m;  $\epsilon_r = 43.034$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch1013/Area Scan (61x11x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.135 W/kg

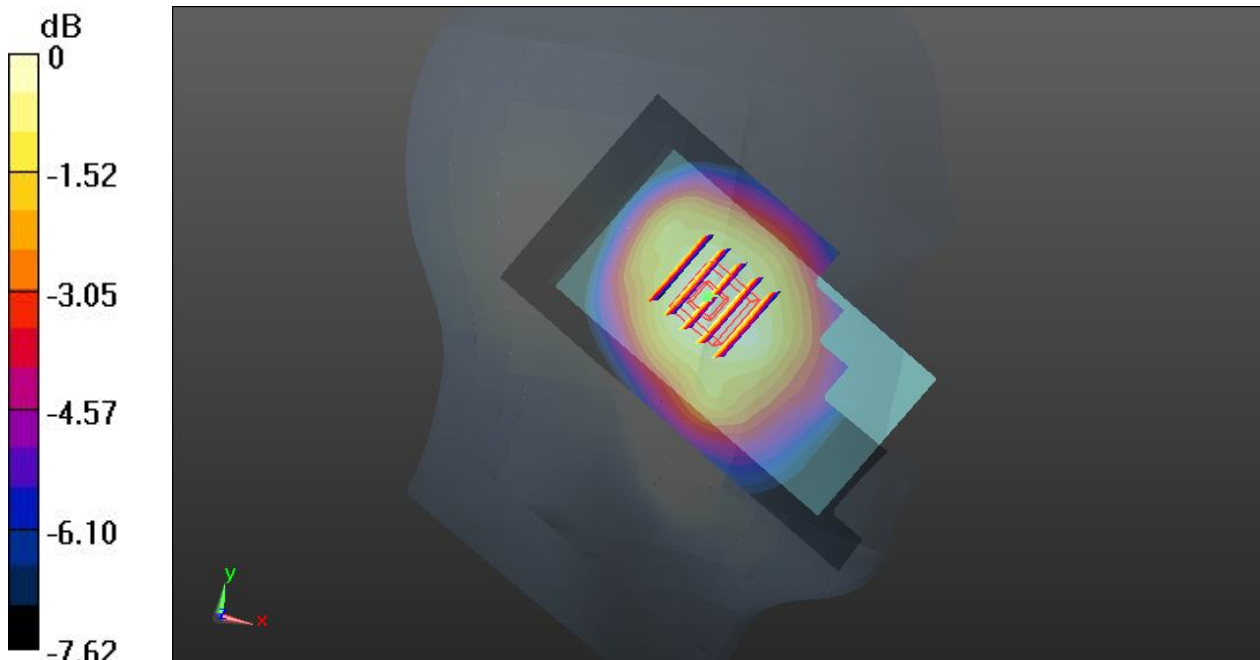
#### Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.837 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.142 mW/g

**SAR(1 g) = 0.116 mW/g; SAR(10 g) = 0.091 mW/g**

Maximum value of SAR (measured) = 0.132 W/kg



0 dB = 0.132 W/kg

### 05 CDMA2000 BC0\_RETAP 4096\_Right Cheek\_Ch1013

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1  
Medium: HSL\_835\_131014 Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.9$  mho/m;  $\epsilon_r = 43.034$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch1013/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.180 W/kg

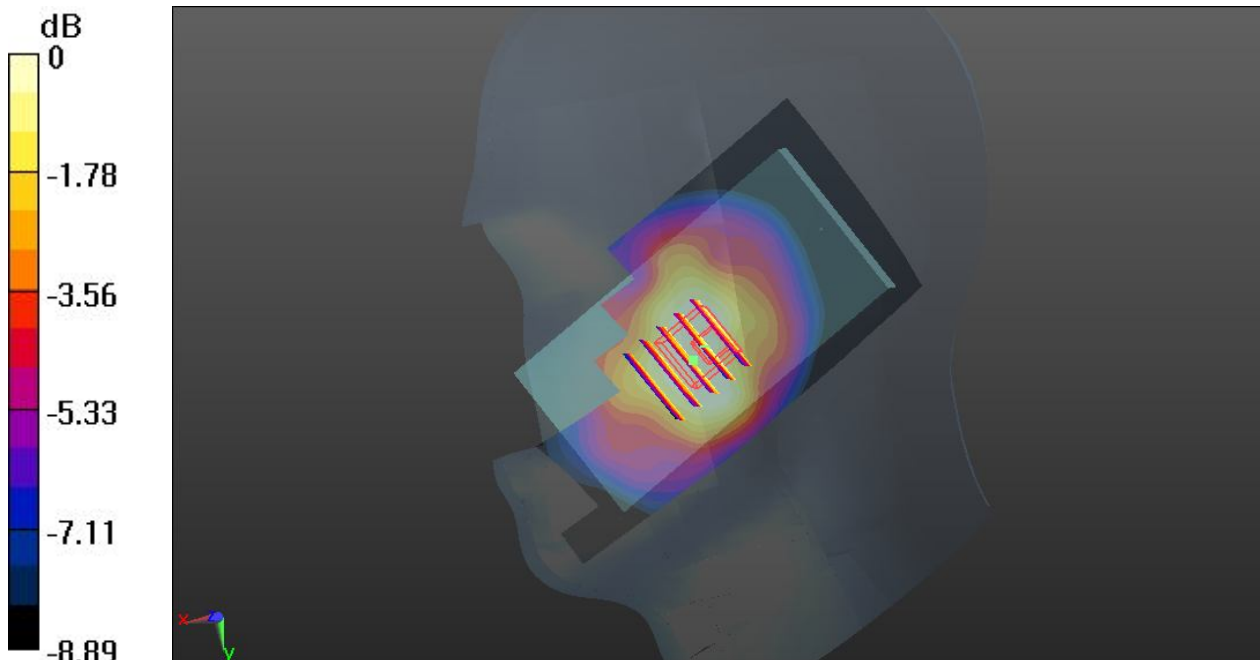
#### Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.908 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.225 mW/g

**SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.107 mW/g**

Maximum value of SAR (measured) = 0.166 W/kg



0 dB = 0.166 W/kg

### 151 CDMA2000 BC1\_RC3 SO55\_Right Cheek\_Ch1175

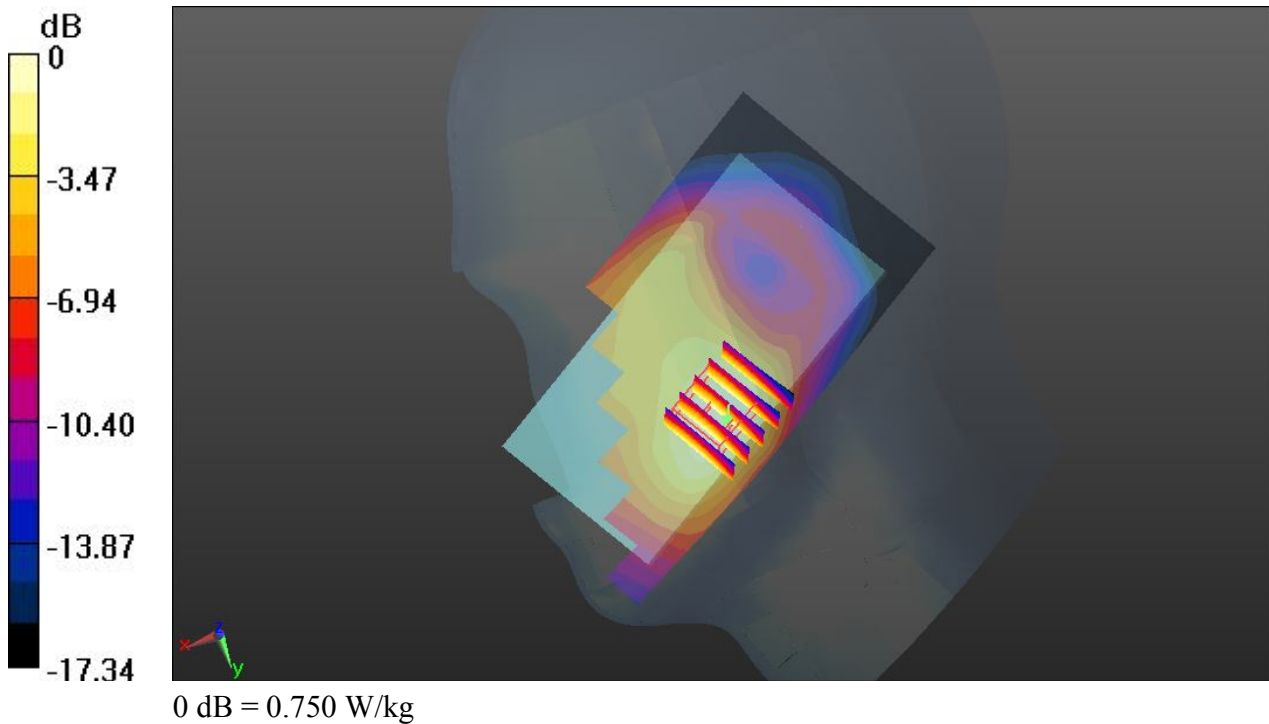
Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_131022 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.428$  mho/m;  $\epsilon_r = 40.975$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch1175/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.797 W/kg

**Ch1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 5.292 V/m; Power Drift = 0.09 dB  
Peak SAR (extrapolated) = 0.902 mW/g  
**SAR(1 g) = 0.589 mW/g; SAR(10 g) = 0.363 mW/g**  
Maximum value of SAR (measured) = 0.750 W/kg





### 152 CDMA2000 BC1\_RC3 SO55\_Right Tilted\_Ch1175

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_131022 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.428$  mho/m;  $\epsilon_r = 40.975$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch1175/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.200 W/kg

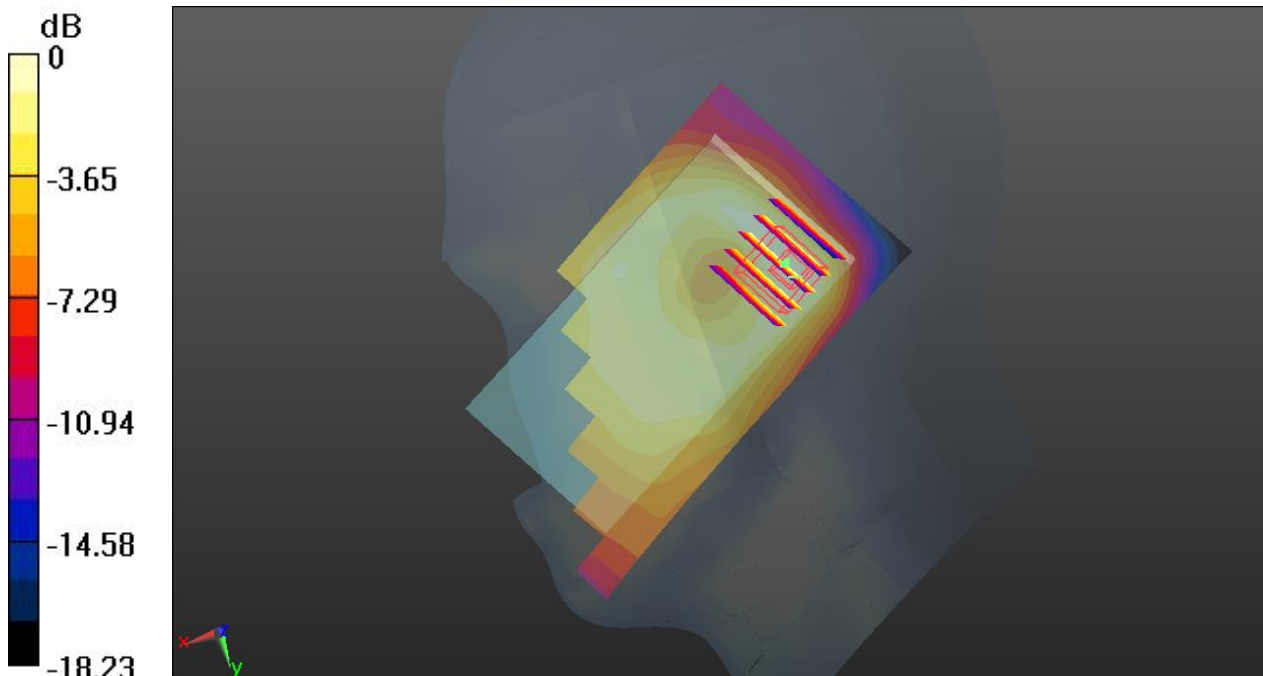
#### Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.087 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.240 mW/g

**SAR(1 g) = 0.144 mW/g; SAR(10 g) = 0.082 mW/g**

Maximum value of SAR (measured) = 0.189 W/kg



0 dB = 0.189 W/kg

### 153 CDMA2000 BC1\_RC3 SO55\_Left Cheek\_Ch1175

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_131022 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.428$  mho/m;  $\epsilon_r = 40.975$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch1175/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.610 W/kg

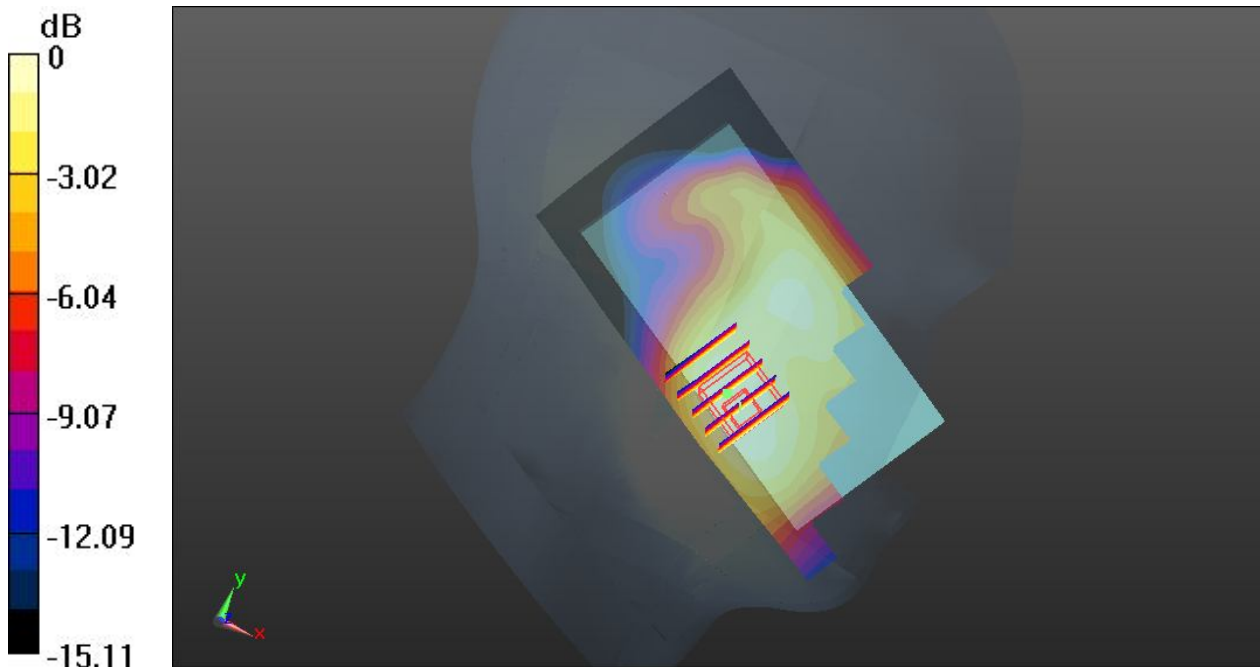
#### Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.967 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.723 mW/g

**SAR(1 g) = 0.460 mW/g; SAR(10 g) = 0.290 mW/g**

Maximum value of SAR (measured) = 0.601 W/kg



0 dB = 0.601 W/kg

### 154 CDMA2000 BC1\_RC3 SO55\_Left Tilted\_Ch1175

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_131022 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.428$  mho/m;  $\epsilon_r = 40.975$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch1175/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.757 W/kg

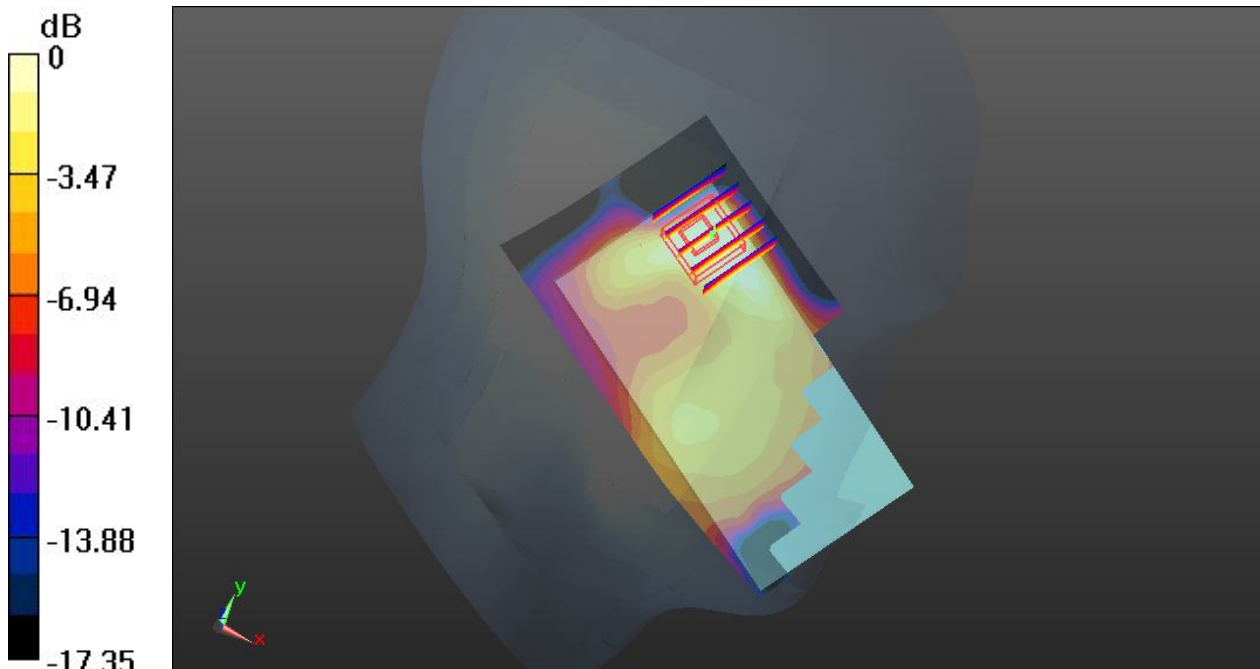
#### Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.254 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.438 mW/g

**SAR(1 g) = 0.257 mW/g; SAR(10 g) = 0.143 mW/g**

Maximum value of SAR (measured) = 0.319 W/kg



0 dB = 0.319 W/kg

### 155 CDMA2000 BC1\_RETAP 4096\_Right Cheek\_Ch1175

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_131022 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.428$  mho/m;  $\epsilon_r = 40.975$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.8 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch1175/Area Scan (61x11x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.877 W/kg

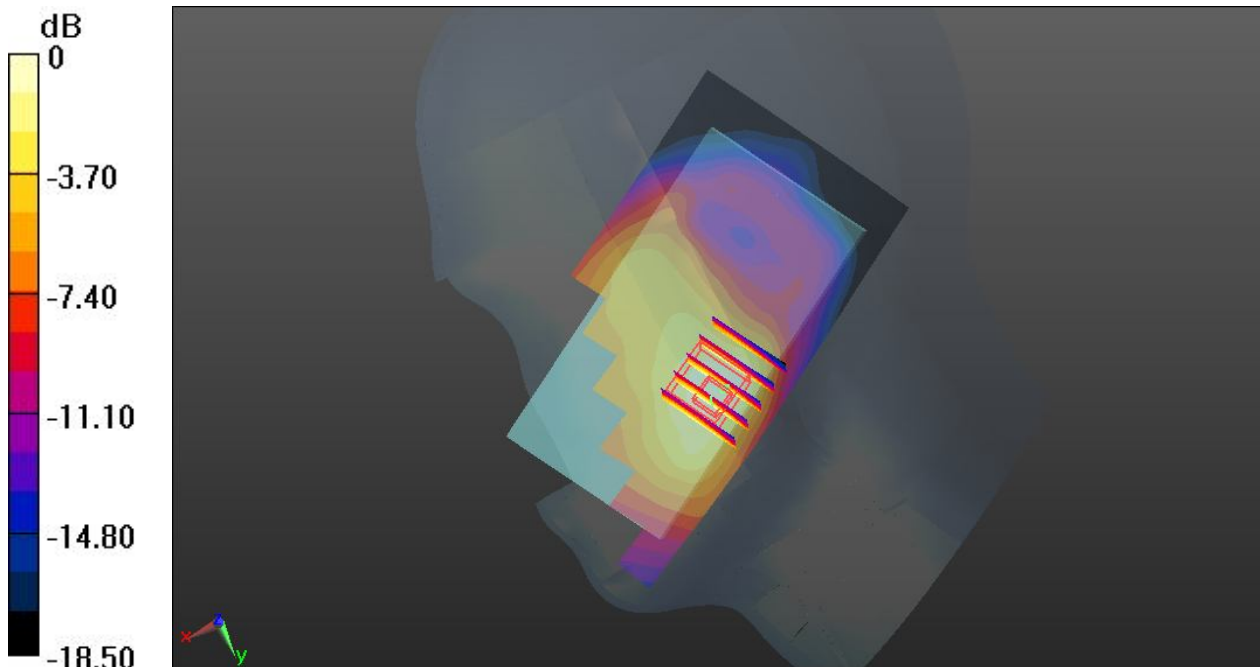
#### Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.716 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.989 mW/g

**SAR(1 g) = 0.646 mW/g; SAR(10 g) = 0.378 mW/g**

Maximum value of SAR (measured) = 0.843 W/kg



0 dB = 0.843 W/kg

### 31 LTE Band 25\_20M\_QPSK 1Rb 0offset\_Right Cheek\_Ch26365

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_131014 Medium parameters used:  $f = 1882.5$  MHz;  $\sigma = 1.435$  mho/m;  $\epsilon_r = 39.208$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch26365/Area Scan (61x11x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0666 W/kg

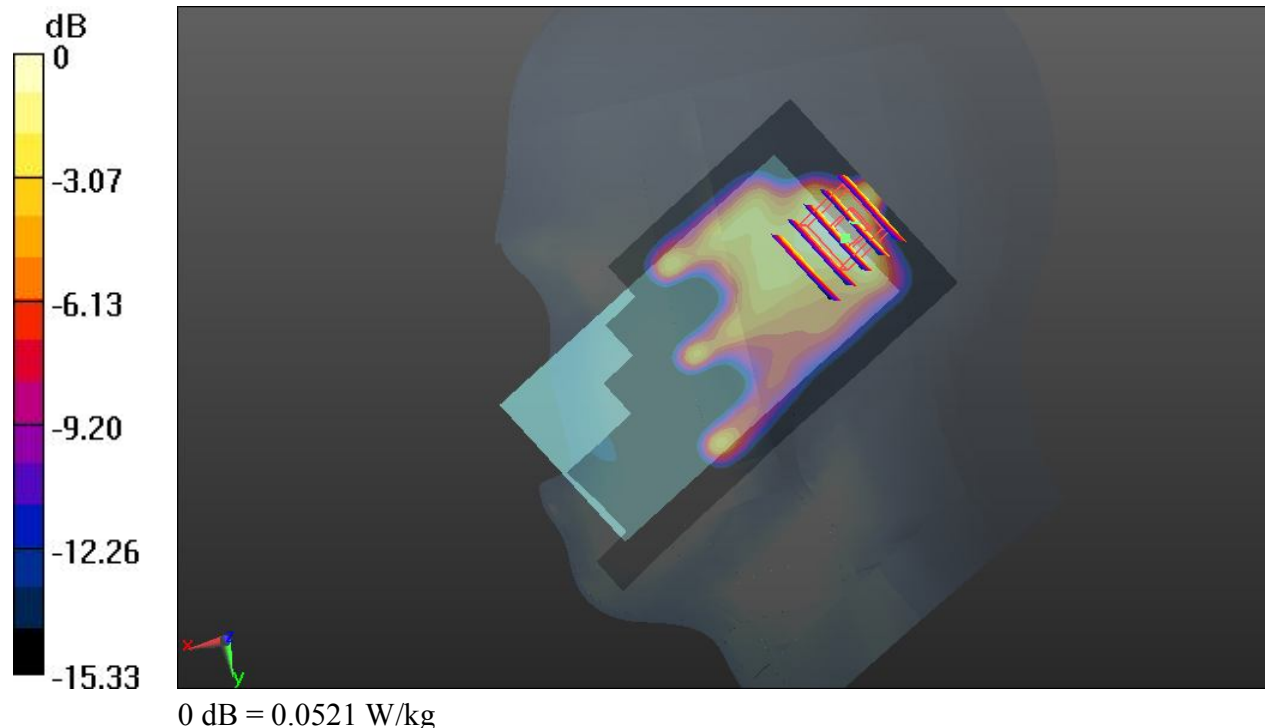
**Ch26365/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.249 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.067 mW/g

**SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.022 mW/g**

Maximum value of SAR (measured) = 0.0521 W/kg



### 32 LTE Band 25\_20M\_QPSK 1Rb 0offset\_Right Tilted\_Ch26365

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_131014 Medium parameters used:  $f = 1882.5$  MHz;  $\sigma = 1.435$  mho/m;  $\epsilon_r = 39.208$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch26365/Area Scan (61x11x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0612 W/kg

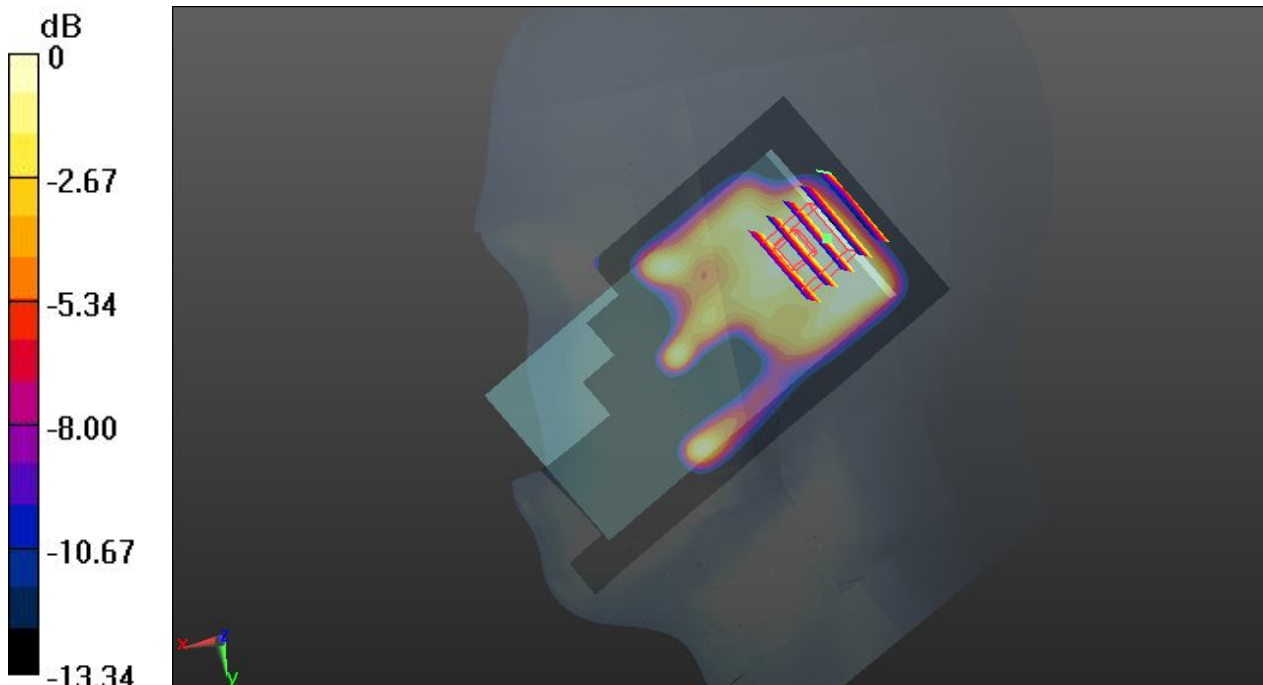
**Ch26365/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.489 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.048 mW/g

**SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.016 mW/g**

Maximum value of SAR (measured) = 0.0354 W/kg



0 dB = 0.0354 W/kg

### 33 LTE Band 25\_20M\_QPSK 1Rb 0offset\_Left Cheek\_Ch26365

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_131014 Medium parameters used:  $f = 1882.5$  MHz;  $\sigma = 1.435$  mho/m;  $\epsilon_r = 39.208$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch26365/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0700 W/kg

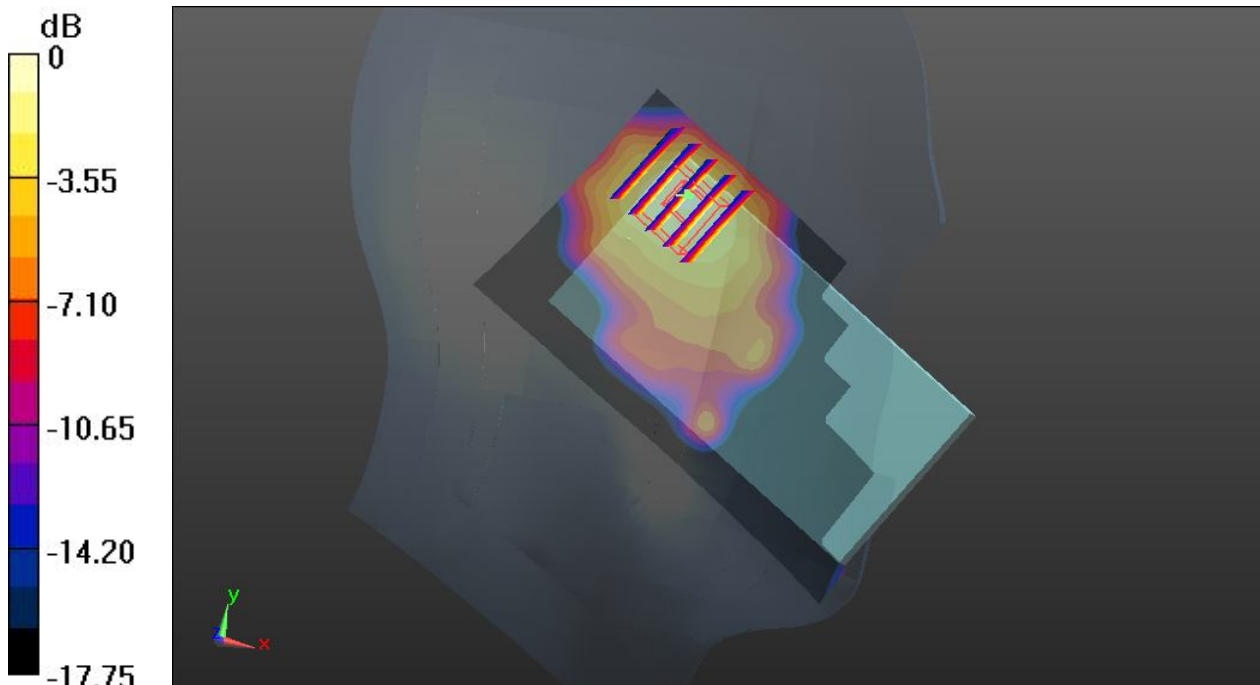
**Ch26365/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.970 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.118 mW/g

**SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.029 mW/g**

Maximum value of SAR (measured) = 0.0836 W/kg



0 dB = 0.0836 W/kg

### 34 LTE Band 25\_20M\_QPSK 1Rb 0offset\_Left Tilted\_Ch26365

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_131014 Medium parameters used:  $f = 1882.5$  MHz;  $\sigma = 1.435$  mho/m;  $\epsilon_r = 39.208$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch26365/Area Scan (61x11x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0622 W/kg

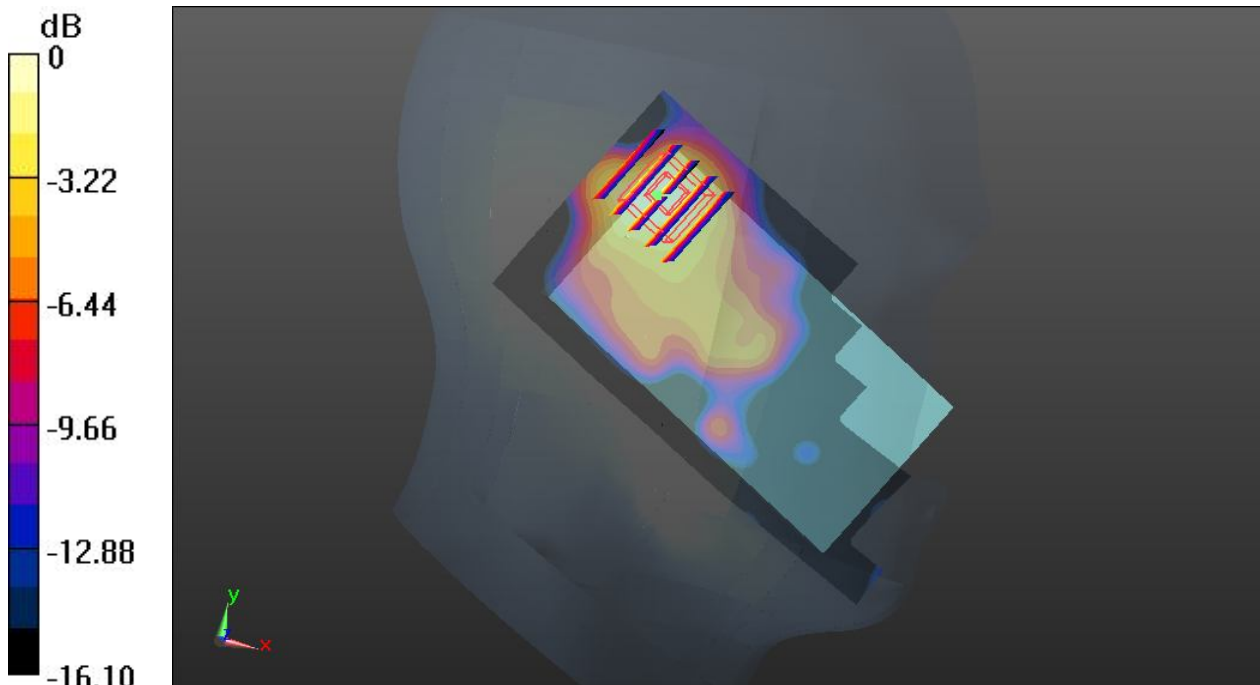
**Ch26365/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.530 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.086 mW/g

**SAR(1 g) = 0.042 mW/g; SAR(10 g) = 0.021 mW/g**

Maximum value of SAR (measured) = 0.0621 W/kg



0 dB = 0.0621 W/kg



### 41 LTE Band 25\_20M\_QPSK 50Rb 0offset\_Right Cheek\_Ch26365

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_131014 Medium parameters used:  $f = 1882.5$  MHz;  $\sigma = 1.435$  mho/m;  $\epsilon_r = 39.208$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch26365/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0586 W/kg

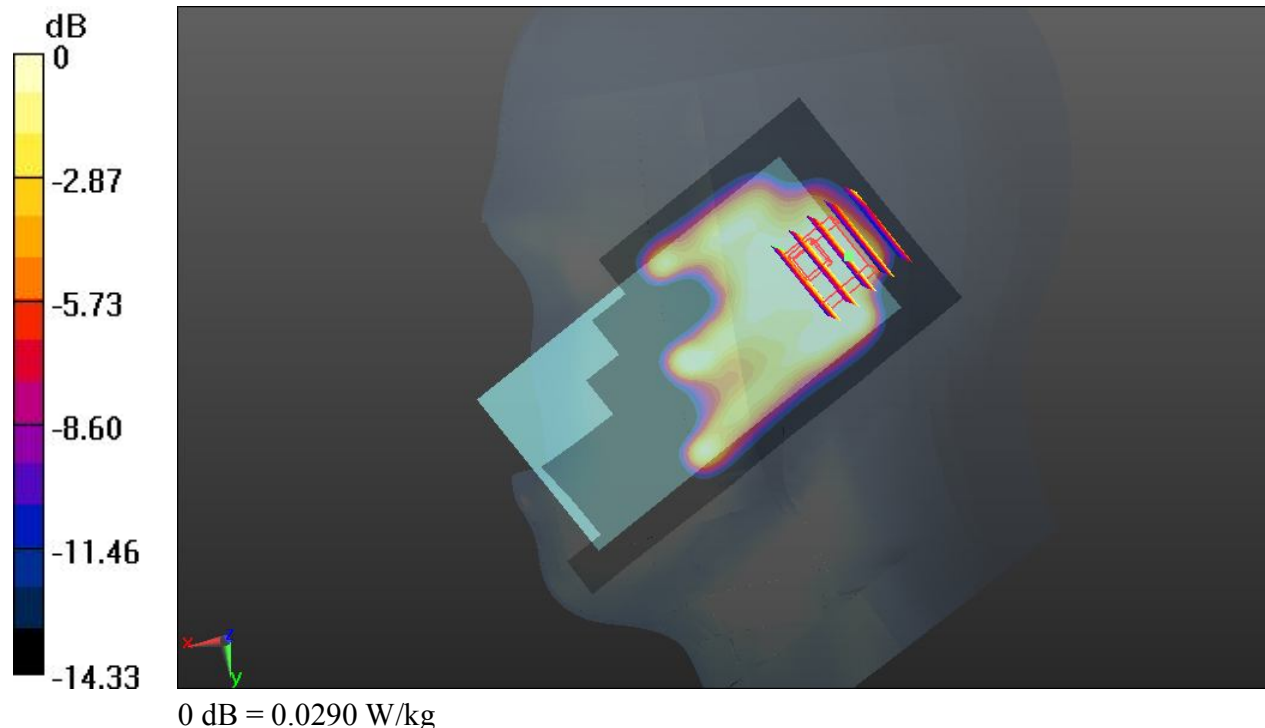
**Ch26365/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.648 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.037 mW/g

**SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.013 mW/g**

Maximum value of SAR (measured) = 0.0290 W/kg



### 42 LTE Band 25\_20M\_QPSK 50Rb 0offset\_Right Tilted\_Ch26365

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_131014 Medium parameters used:  $f = 1882.5$  MHz;  $\sigma = 1.435$  mho/m;  $\epsilon_r = 39.208$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch26365/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0419 W/kg

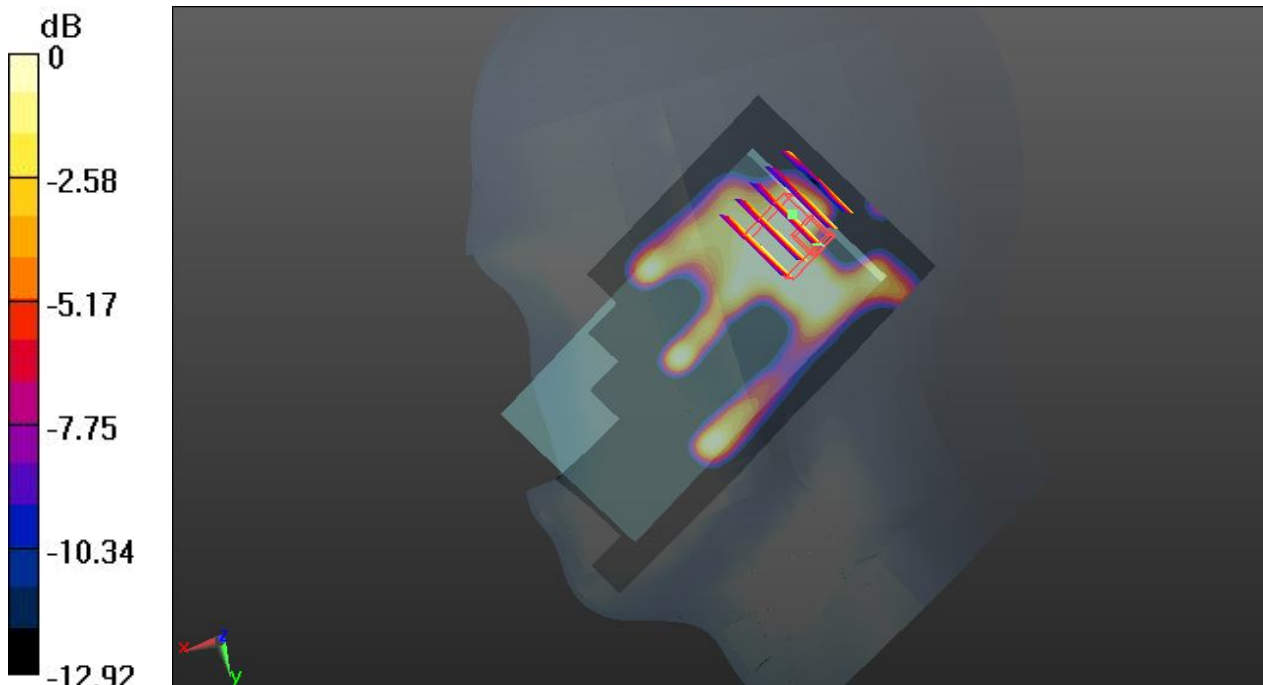
**Ch26365/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.487 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.034 mW/g

**SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.013 mW/g**

Maximum value of SAR (measured) = 0.0264 W/kg



0 dB = 0.0264 W/kg

### 43 LTE Band 25\_20M\_QPSK 50Rb 0offset\_Left Cheek\_Ch26365

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_131014 Medium parameters used:  $f = 1882.5$  MHz;  $\sigma = 1.435$  mho/m;  $\epsilon_r = 39.208$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch26365/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.103 W/kg

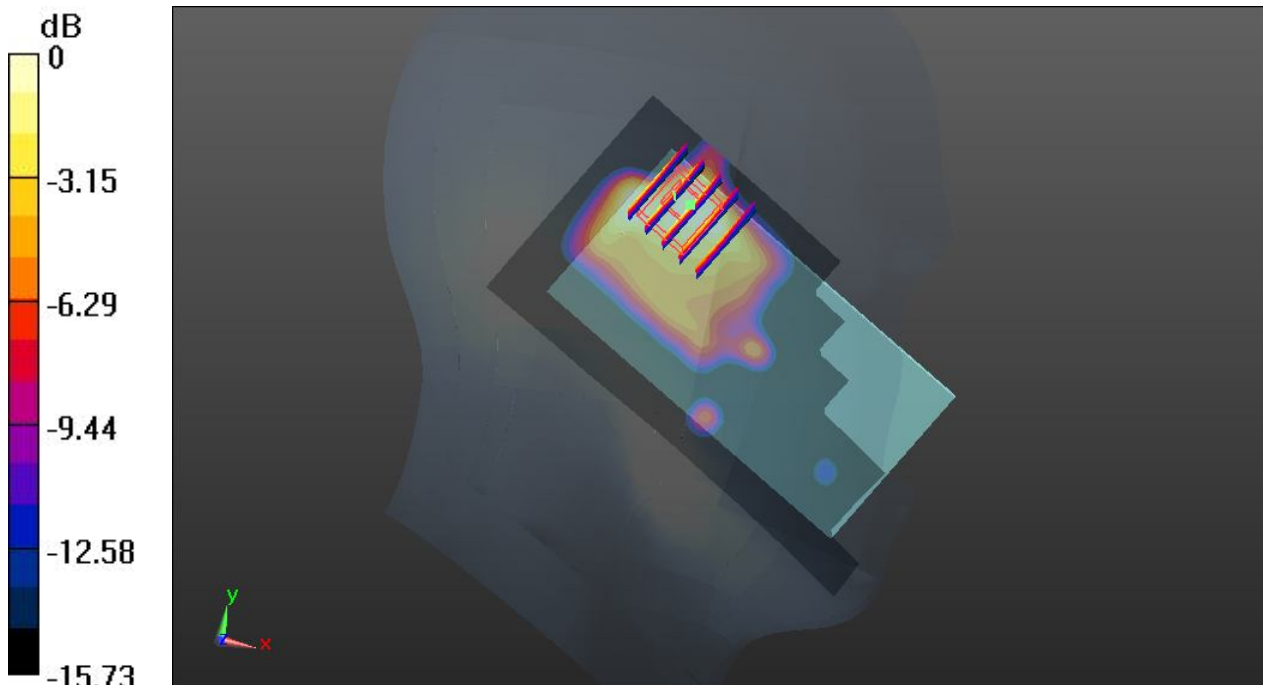
**Ch26365/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.097 mW/g

**SAR(1 g) = 0.047 mW/g; SAR(10 g) = 0.023 mW/g**

Maximum value of SAR (measured) = 0.0676 W/kg



0 dB = 0.0676 W/kg

### 44 LTE Band 25\_20M\_QPSK 50Rb 0offset\_Left Tilted\_Ch26365

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_131014 Medium parameters used:  $f = 1882.5$  MHz;  $\sigma = 1.435$  mho/m;  $\epsilon_r = 39.208$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch26365/Area Scan (61x11x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0580 W/kg

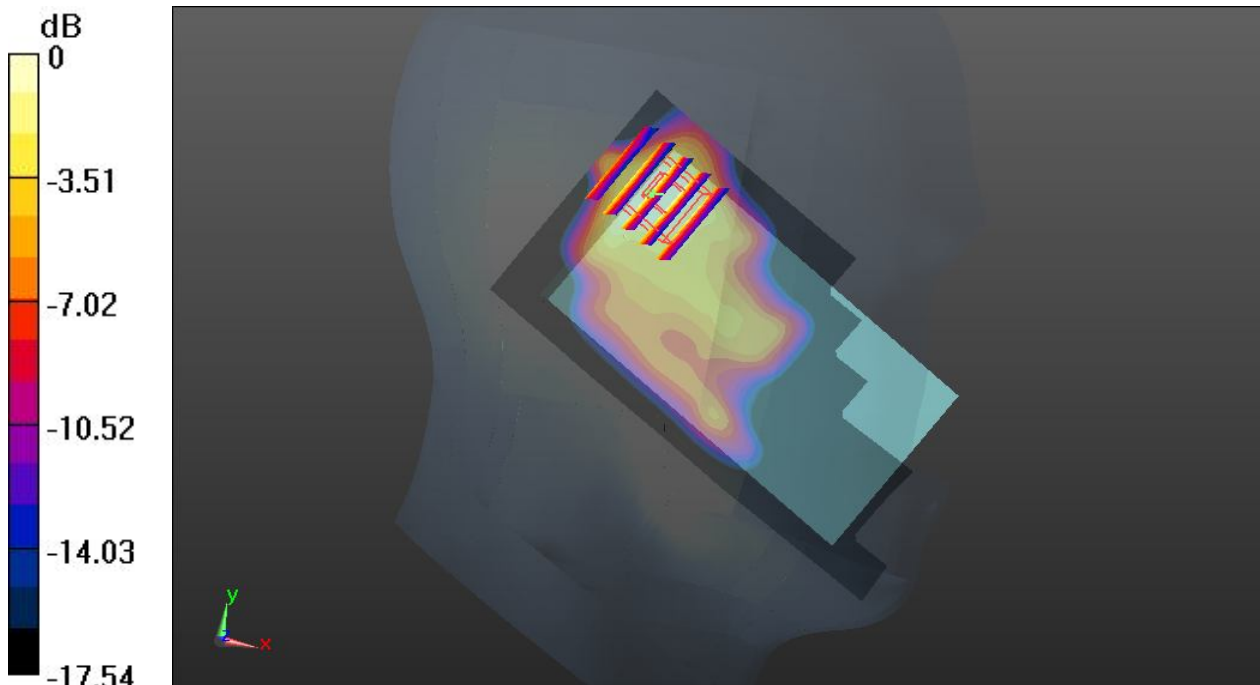
**Ch26365/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.889 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.076 mW/g

**SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.018 mW/g**

Maximum value of SAR (measured) = 0.0515 W/kg



0 dB = 0.0515 W/kg

### 141 WLAN2.4GHz\_802.11b\_1M\_Right Check\_Ch6

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1.025  
Medium: HSL\_2450\_131022 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.863$  mho/m;  $\epsilon_r = 40.52$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch6/Area Scan (81x131x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.140 W/kg

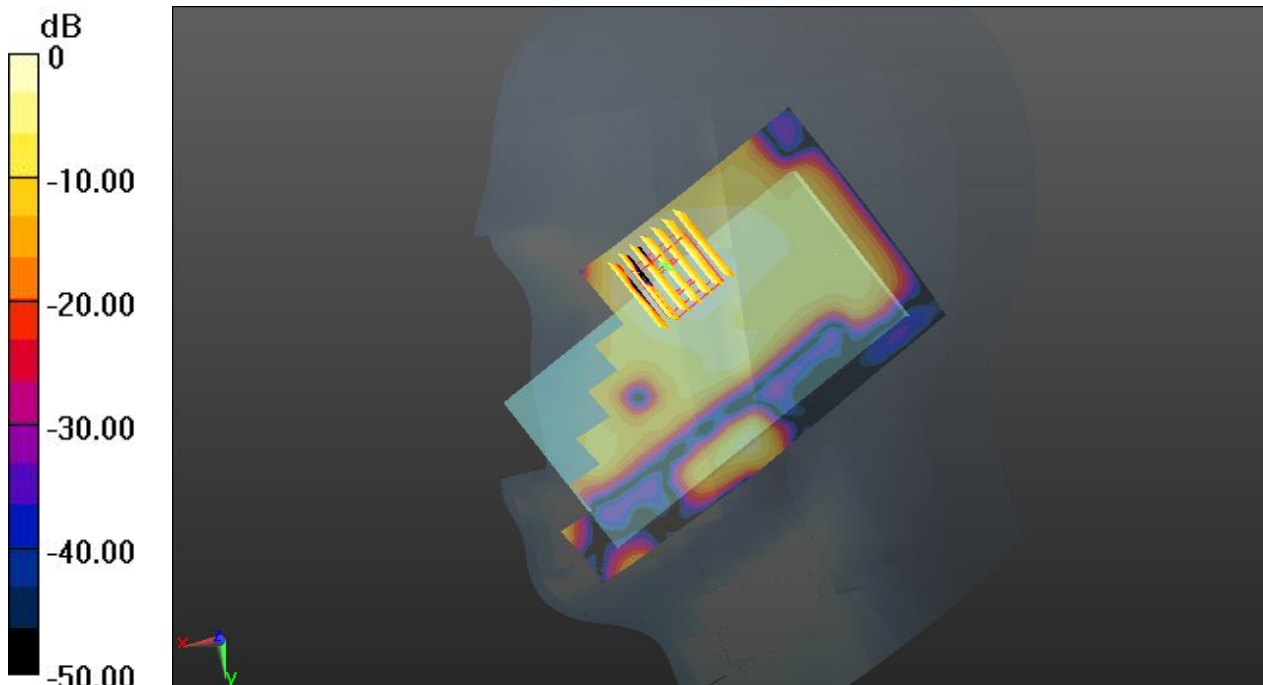
#### Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.214 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.189 mW/g

**SAR(1 g) = 0.097 mW/g; SAR(10 g) = 0.049 mW/g**

Maximum value of SAR (measured) = 0.140 W/kg



0 dB = 0.140 W/kg

### 142 WLAN2.4GHz\_802.11b\_1M\_Right Tilted\_Ch6

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1.025  
Medium: HSL\_2450\_131022 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.863$  mho/m;  $\epsilon_r = 40.52$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch6/Area Scan (81x131x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0595 W/kg

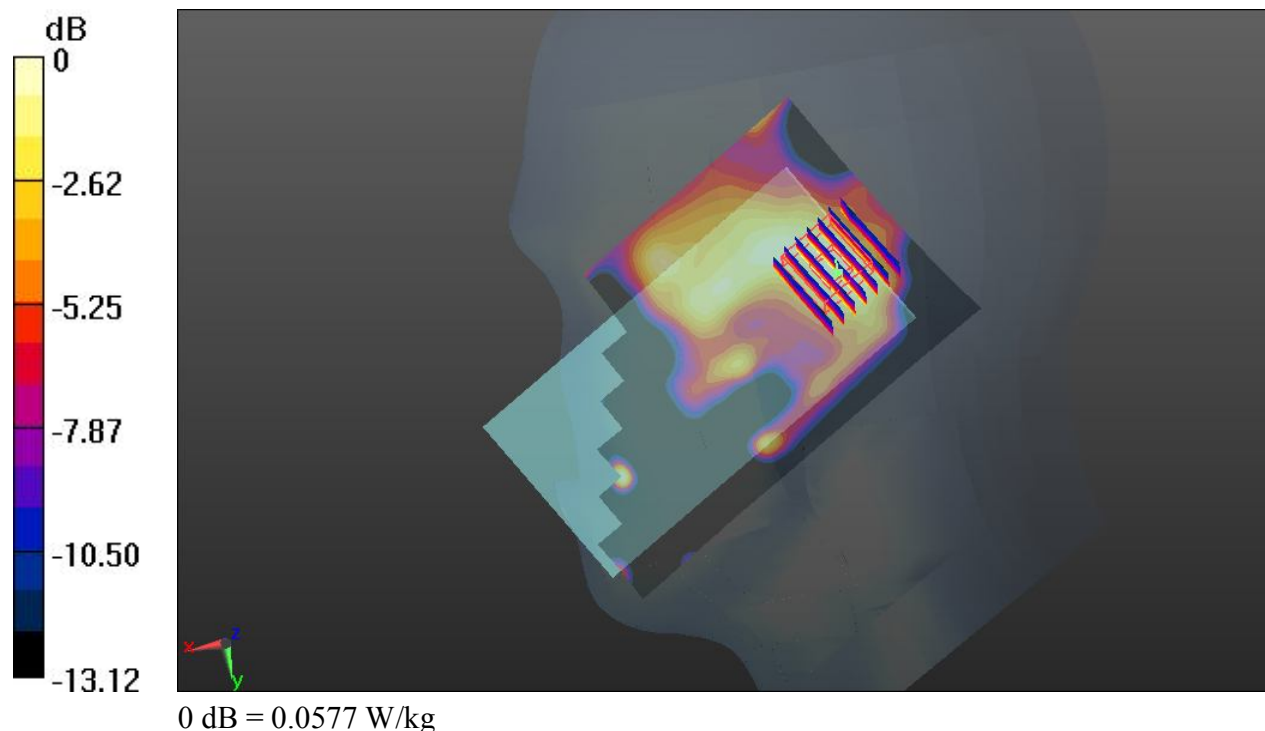
#### Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.487 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.080 mW/g

**SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.022 mW/g**

Maximum value of SAR (measured) = 0.0577 W/kg



### 143 WLAN2.4GHz\_802.11b\_1M\_Left Check\_Ch6

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1.025  
Medium: HSL\_2450\_131022 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.863$  mho/m;  $\epsilon_r = 40.52$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch6/Area Scan (81x131x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.302 W/kg

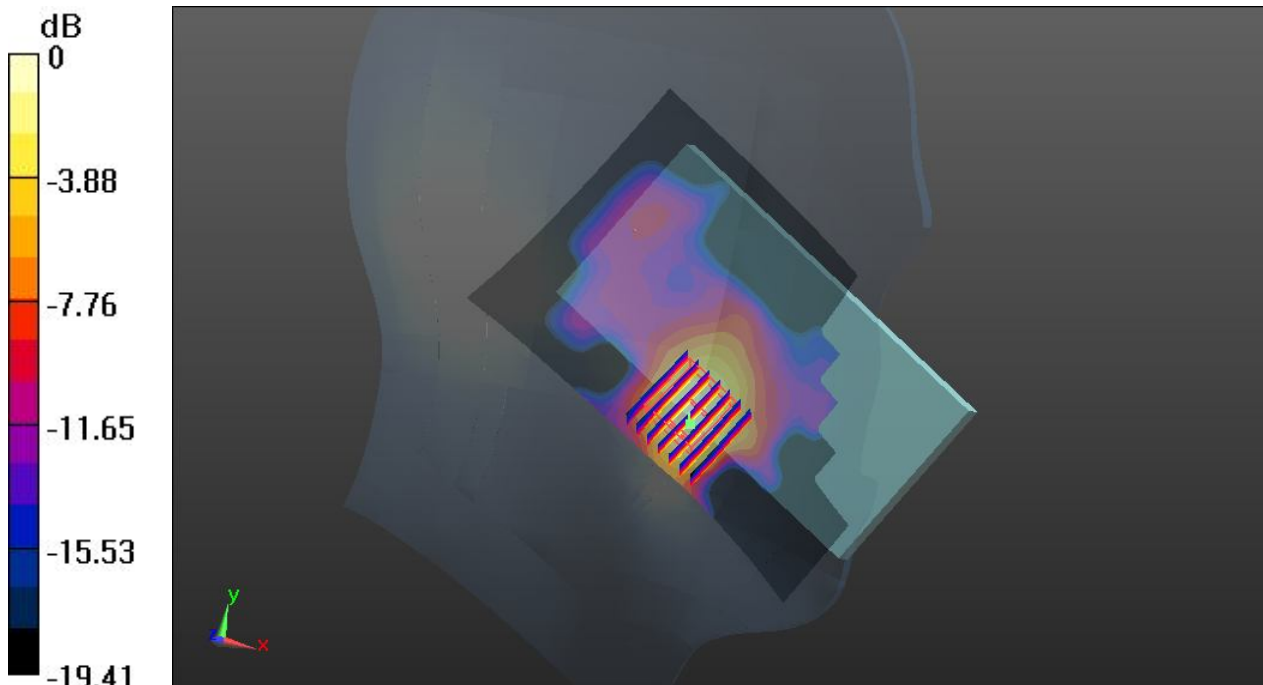
#### Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.735 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.450 mW/g

**SAR(1 g) = 0.190 mW/g; SAR(10 g) = 0.087 mW/g**

Maximum value of SAR (measured) = 0.304 W/kg



0 dB = 0.304 W/kg

### 144 WLAN2.4GHz\_802.11b\_1M\_Left Tilted\_Ch6

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1.025  
Medium: HSL\_2450\_131022 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.863$  mho/m;  $\epsilon_r = 40.52$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch6/Area Scan (81x131x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0821 W/kg

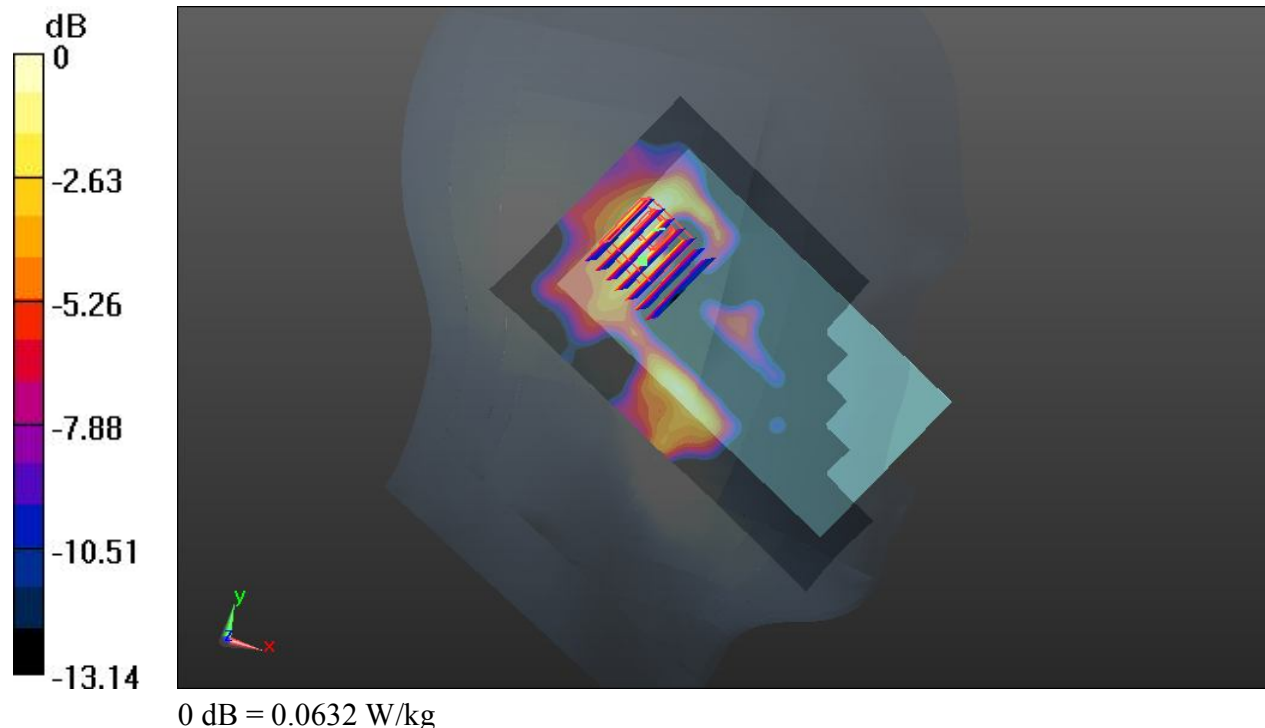
#### Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.649 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.084 mW/g

**SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.023 mW/g**

Maximum value of SAR (measured) = 0.0632 W/kg





### 145 WLAN2.4GHz\_802.11b\_5.5M\_Left Check\_Ch6

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1.132  
Medium: HSL\_2450\_131022 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.863$  mho/m;  $\epsilon_r = 40.52$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(6.99, 6.99, 6.99); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch6/Area Scan (81x131x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.315 W/kg

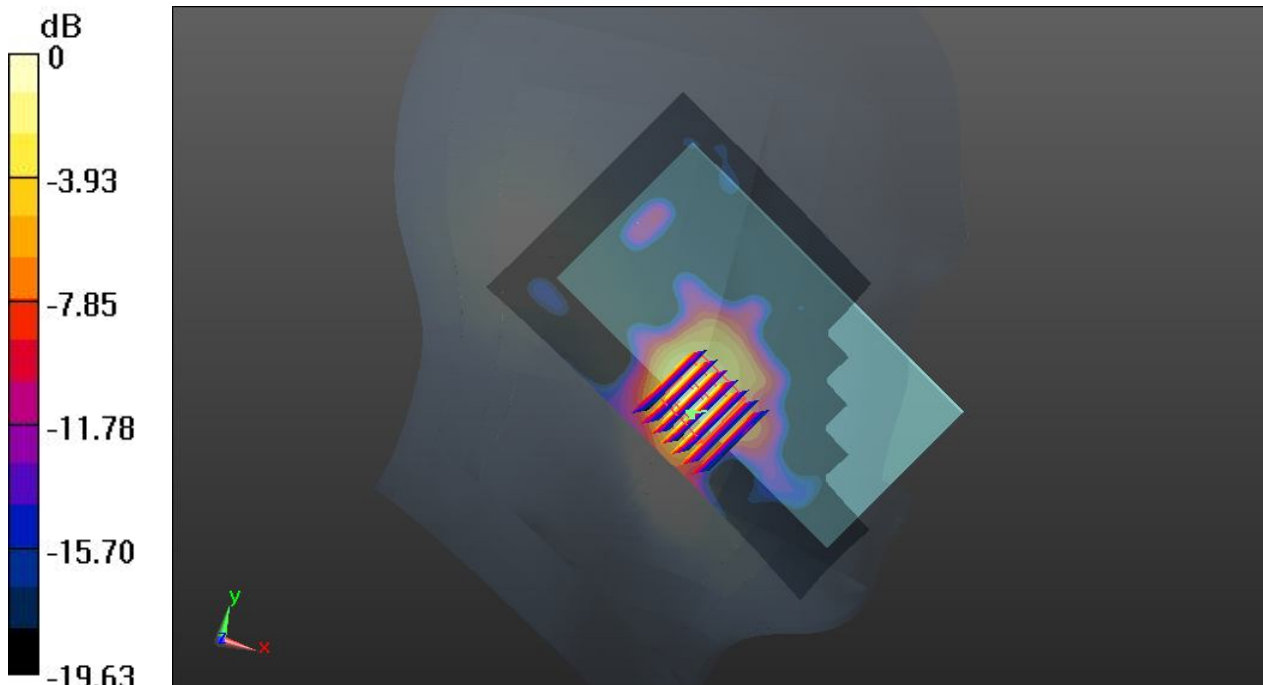
**Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.904 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.494 mW/g

**SAR(1 g) = 0.211 mW/g; SAR(10 g) = 0.096 mW/g**

Maximum value of SAR (measured) = 0.325 W/kg



0 dB = 0.325 W/kg

### 21 CDMA2000 BC0\_RTAP 153.6\_Front\_1cm\_Ch1013

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1  
Medium: MSL\_835\_131014 Medium parameters used:  $f = 825$  MHz;  $\sigma = 1.001$  mho/m;  $\epsilon_r = 56.355$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch1013/Area Scan (61x11x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.250 W/kg

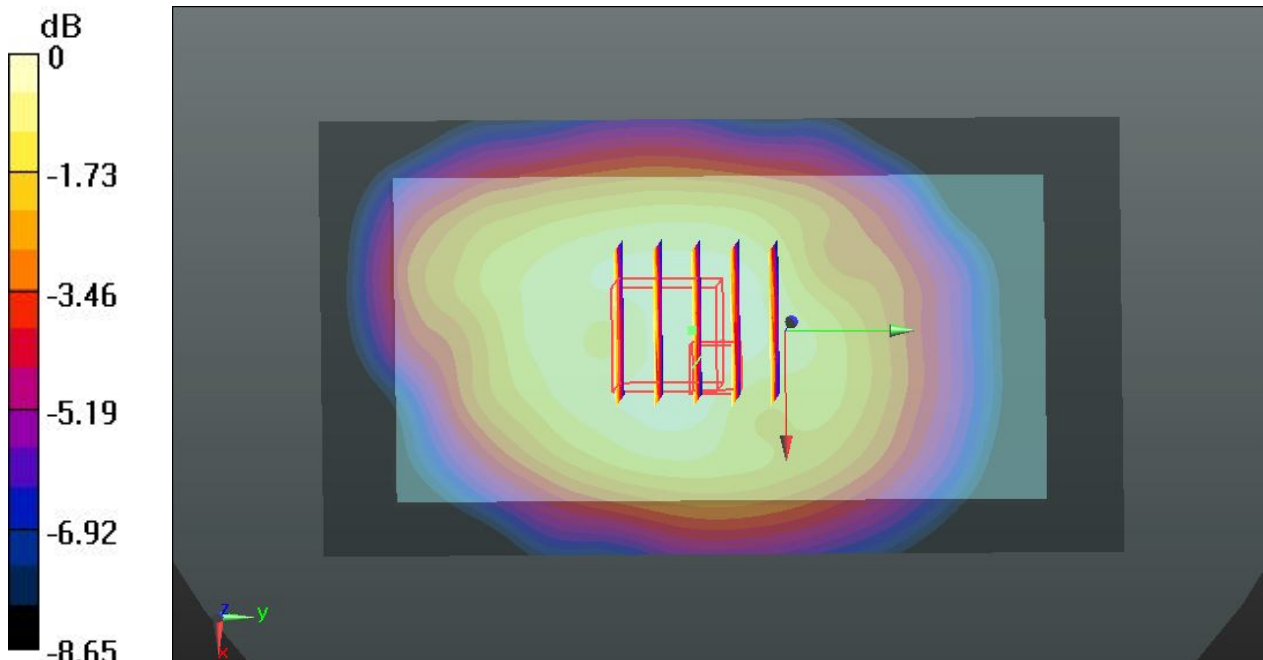
#### Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.773 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.292 mW/g

**SAR(1 g) = 0.211 mW/g; SAR(10 g) = 0.155 mW/g**

Maximum value of SAR (measured) = 0.247 W/kg



0 dB = 0.247 W/kg

### 22 CDMA2000 BC0\_RTAP 153.6\_Back\_1cm\_Ch1013

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1  
Medium: MSL\_835\_131014 Medium parameters used:  $f = 825$  MHz;  $\sigma = 1.001$  mho/m;  $\epsilon_r = 56.355$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch1013/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.711 W/kg

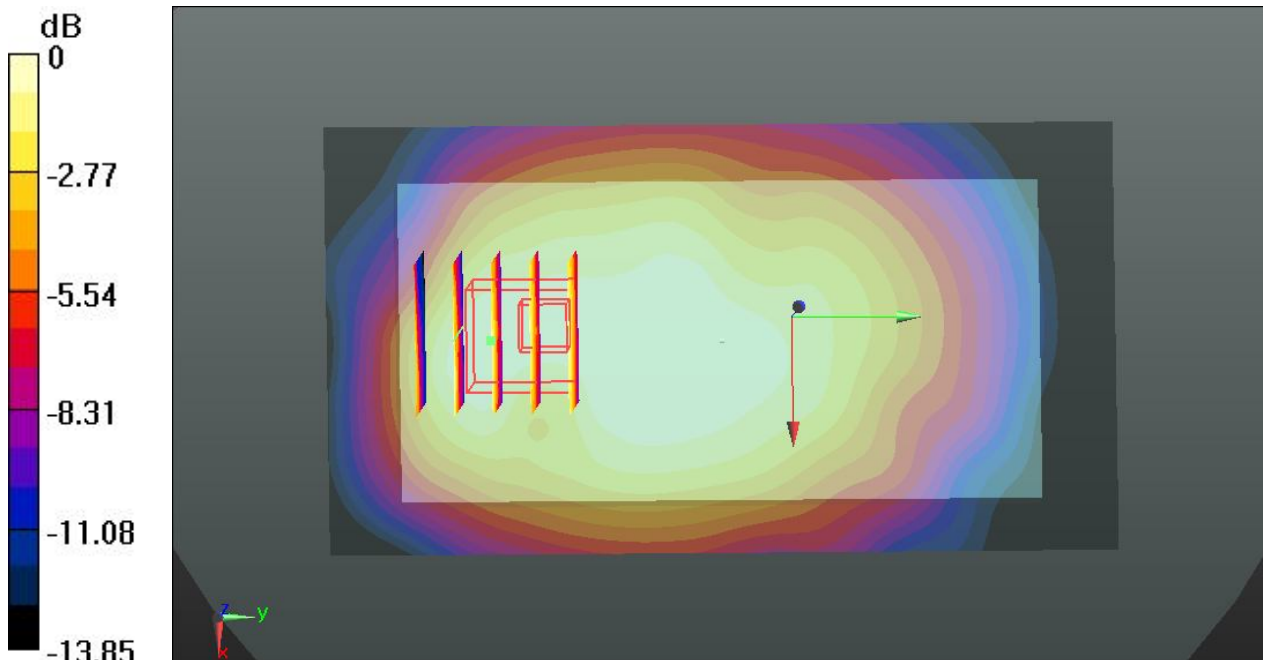
#### Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.636 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.909 mW/g

**SAR(1 g) = 0.494 mW/g; SAR(10 g) = 0.349 mW/g**

Maximum value of SAR (measured) = 0.653 W/kg



0 dB = 0.653 W/kg

### 23 CDMA2000 BC0\_RTAP 153.6\_Left Side\_1cm\_Ch1013

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1  
Medium: MSL\_835\_131014 Medium parameters used:  $f = 825$  MHz;  $\sigma = 1.001$  mho/m;  $\epsilon_r = 56.355$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch1013/Area Scan (41x11x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0991 W/kg

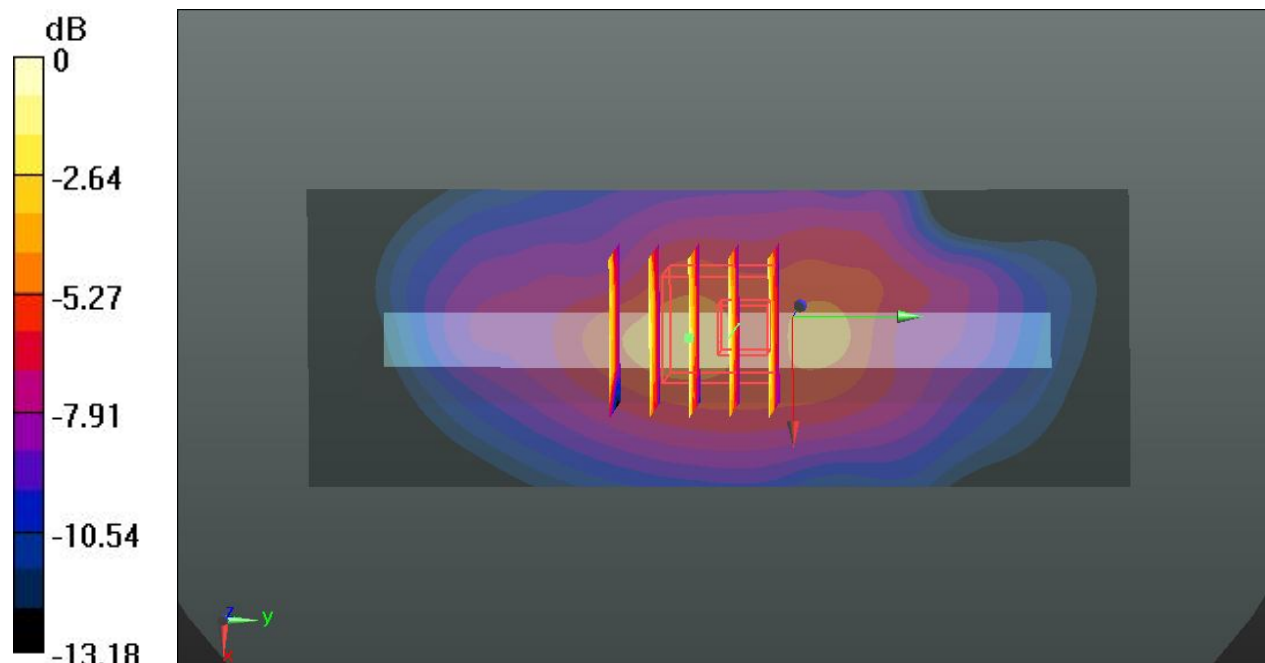
#### Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.157 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.351 mW/g

**SAR(1 g) = 0.227 mW/g; SAR(10 g) = 0.153 mW/g**

Maximum value of SAR (measured) = 0.281 W/kg



0 dB = 0.281 W/kg

### 24 CDMA2000 BC0\_RTAP 153.6\_Right Side\_1cm\_Ch1013

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1  
Medium: MSL\_835\_131014 Medium parameters used:  $f = 825$  MHz;  $\sigma = 1.001$  mho/m;  $\epsilon_r = 56.355$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch1013/Area Scan (41x11x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.273 W/kg

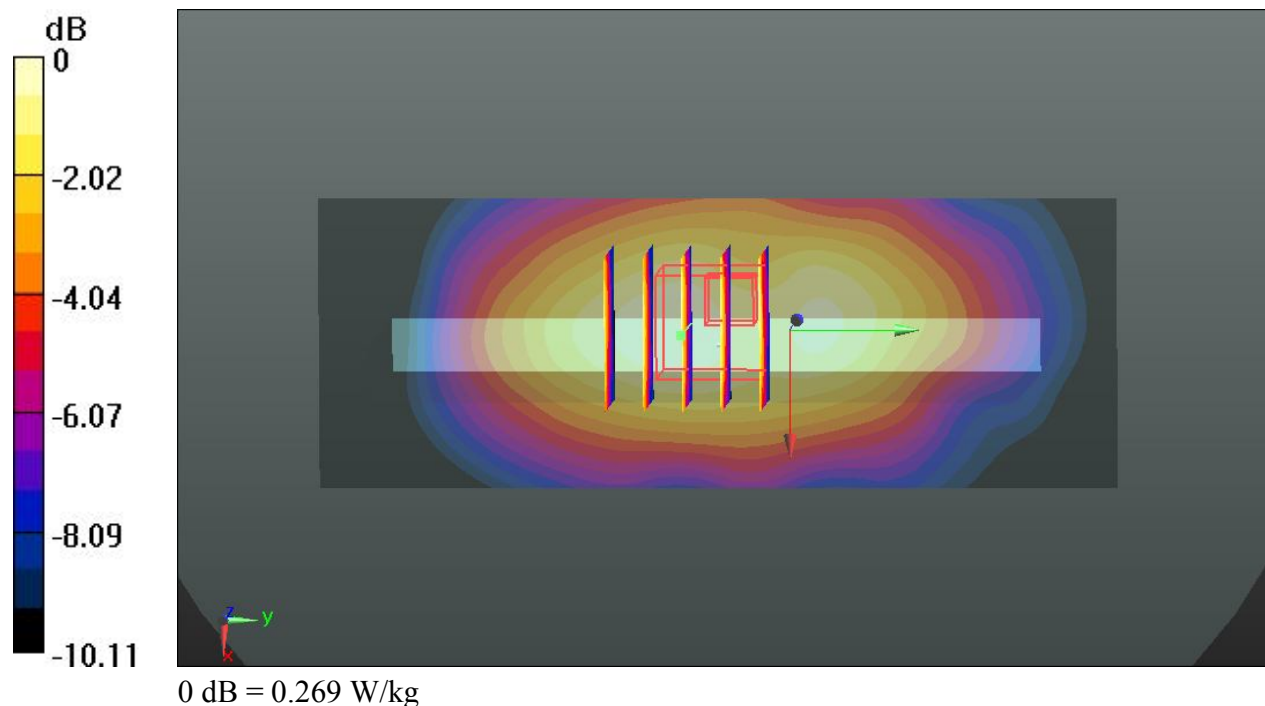
#### Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.146 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.329 mW/g

**SAR(1 g) = 0.216 mW/g; SAR(10 g) = 0.154 mW/g**

Maximum value of SAR (measured) = 0.269 W/kg



### 25 CDMA2000 BC0\_RTAP 153.6\_Bottom Side\_1cm\_Ch1013

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1  
Medium: MSL\_835\_131014 Medium parameters used:  $f = 825$  MHz;  $\sigma = 1.001$  mho/m;  $\epsilon_r = 56.355$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch1013/Area Scan (41x71x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0792 W/kg

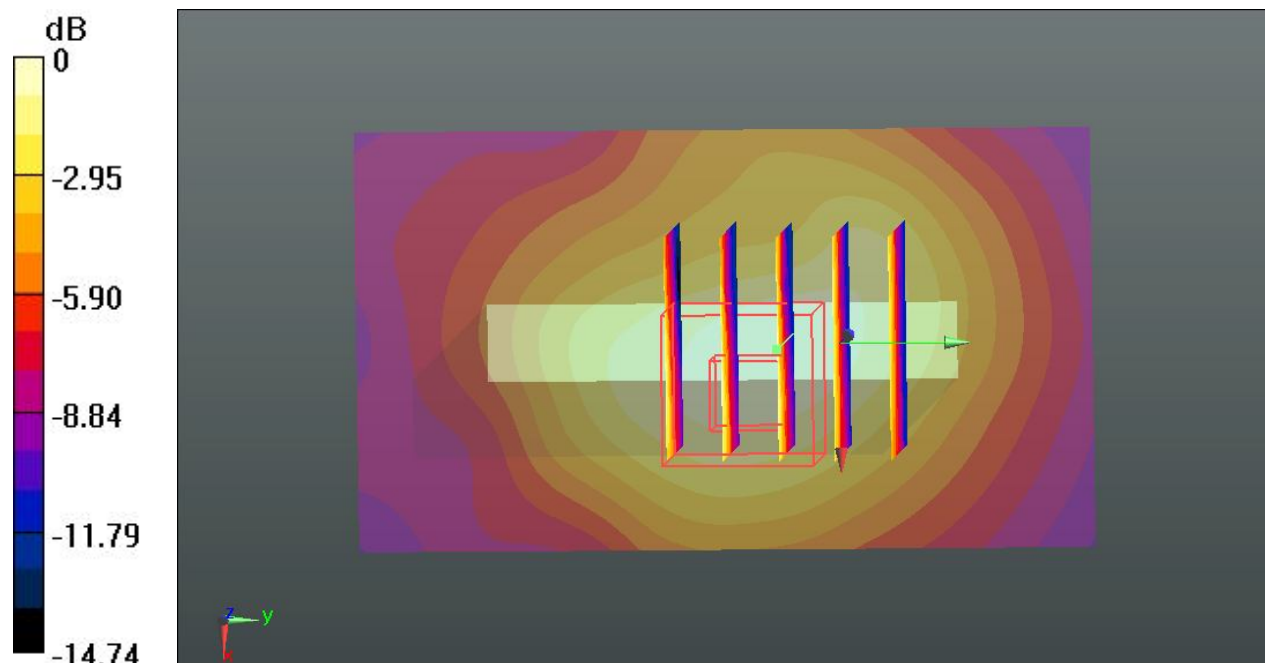
#### Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.911 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.120 mW/g

**SAR(1 g) = 0.053 mW/g; SAR(10 g) = 0.032 mW/g**

Maximum value of SAR (measured) = 0.0786 W/kg



0 dB = 0.0786 W/kg

### 101 CDMA2000 BC1\_RTAP 153.6\_Front\_1cm\_Ch1175

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131021 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.543$  mho/m;  $\epsilon_r = 54.589$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch1175/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.778 W/kg

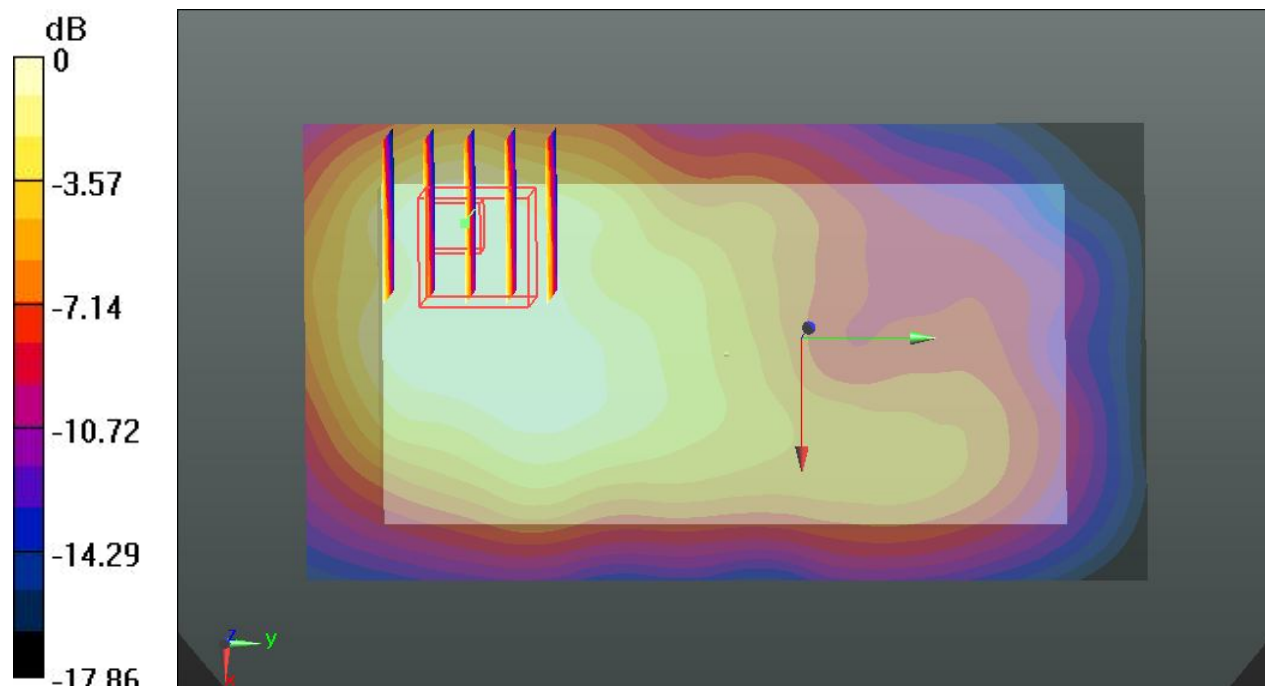
#### Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.574 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.933 mW/g

**SAR(1 g) = 0.522 mW/g; SAR(10 g) = 0.315 mW/g**

Maximum value of SAR (measured) = 0.719 W/kg



0 dB = 0.719 W/kg

### 102 CDMA2000 BC1\_RTAP 153.6\_Back\_1cm\_Ch1175

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131021 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.543$  mho/m;  $\epsilon_r = 54.589$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch1175/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.63 W/kg

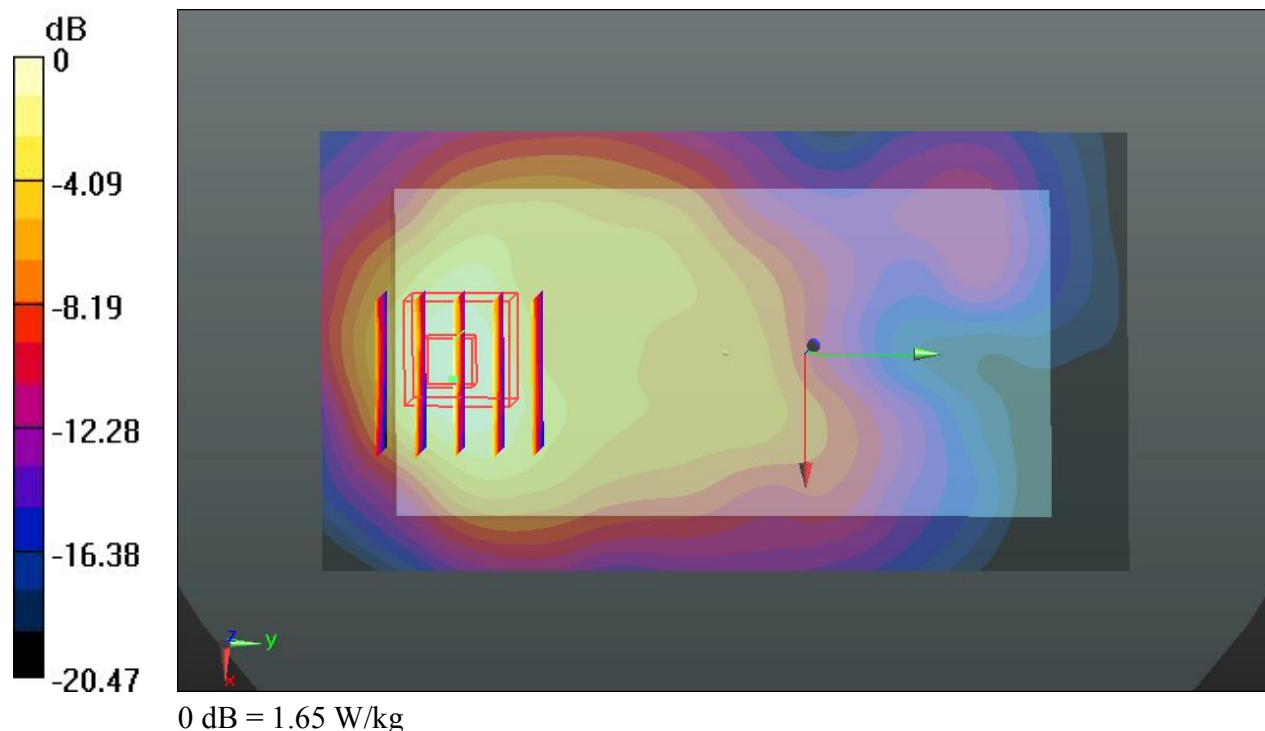
#### Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.225 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.300 mW/g

**SAR(1 g) = 1.140 mW/g; SAR(10 g) = 0.617 mW/g**

Maximum value of SAR (measured) = 1.65 W/kg





### 103 CDMA2000 BC1\_RTAP 153.6\_Left Side\_1cm\_Ch1175

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131021 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.543$  mho/m;  $\epsilon_r = 54.589$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch1175/Area Scan (41x11x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.838 W/kg

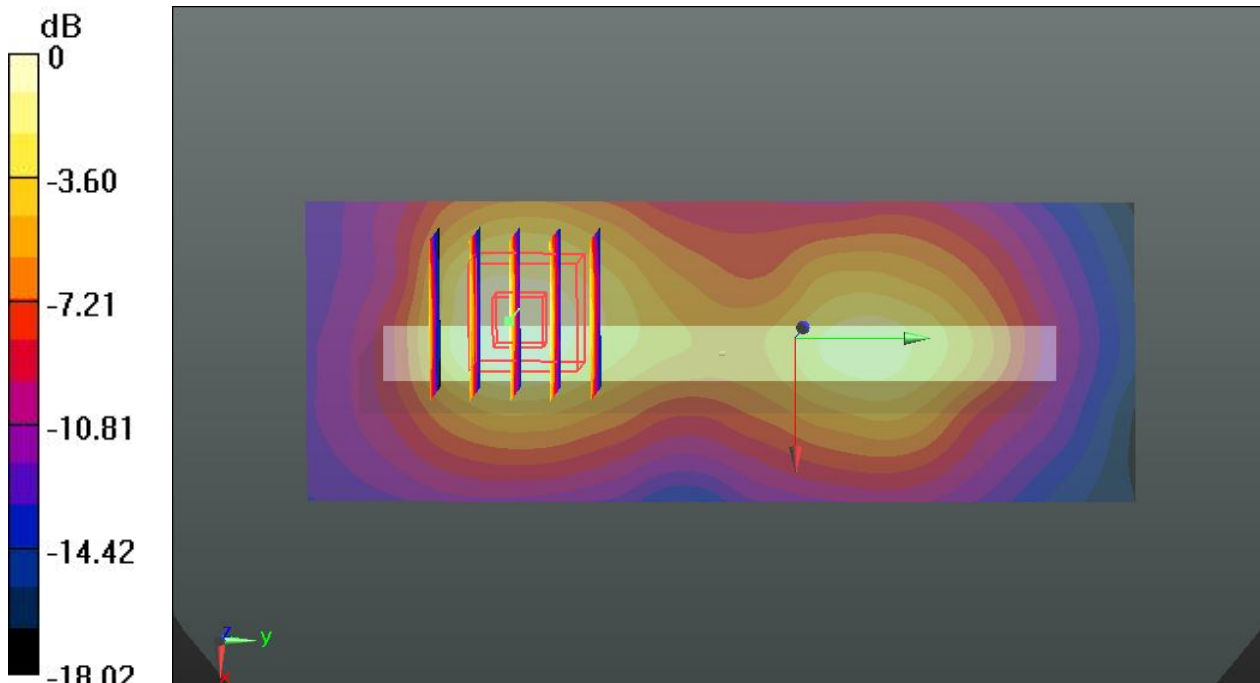
#### Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.112 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.051 mW/g

**SAR(1 g) = 0.544 mW/g; SAR(10 g) = 0.298 mW/g**

Maximum value of SAR (measured) = 0.764 W/kg



0 dB = 0.764 W/kg

### 104 CDMA2000 BC1\_RTAP 153.6\_Right Side\_1cm\_Ch1175

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131021 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.543$  mho/m;  $\epsilon_r = 54.589$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch1175/Area Scan (41x11x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.228 W/kg

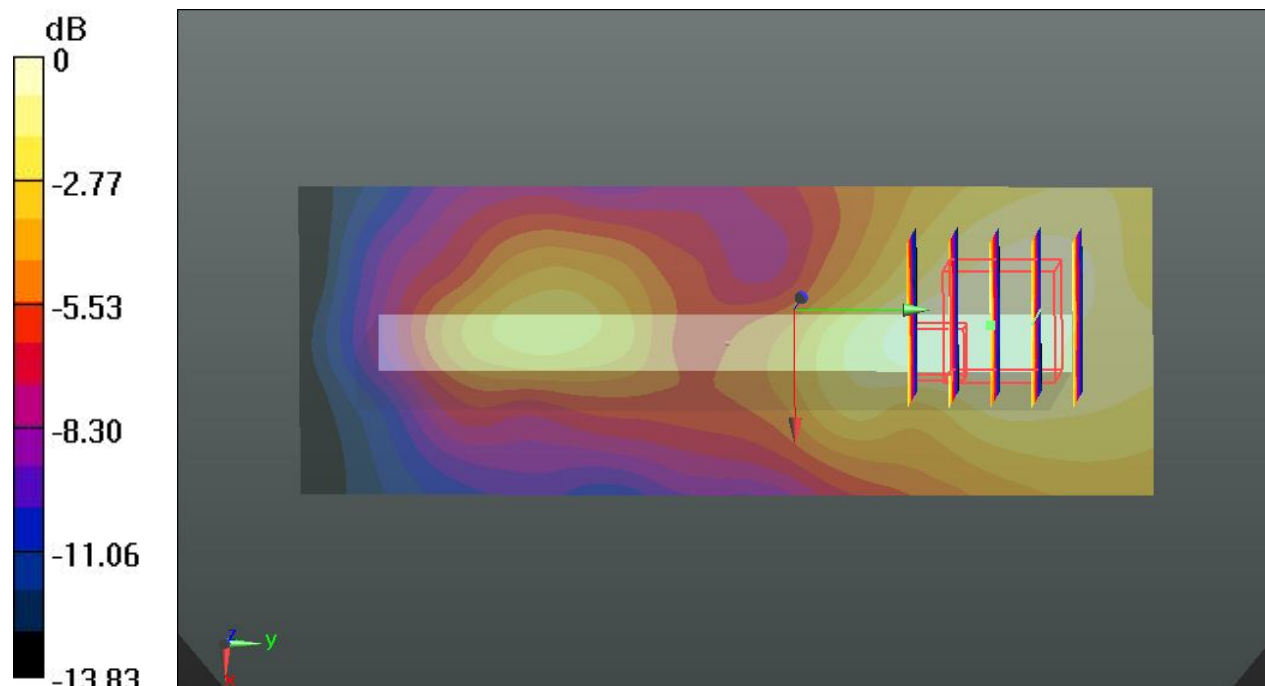
#### Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.335 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.256 mW/g

**SAR(1 g) = 0.155 mW/g; SAR(10 g) = 0.095 mW/g**

Maximum value of SAR (measured) = 0.218 W/kg



0 dB = 0.218 W/kg

### 105 CDMA2000 BC1\_RTAP 153.6\_Bottom Side\_1cm\_Ch1175

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131021 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.543$  mho/m;  $\epsilon_r = 54.589$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch1175/Area Scan (41x71x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.36 W/kg

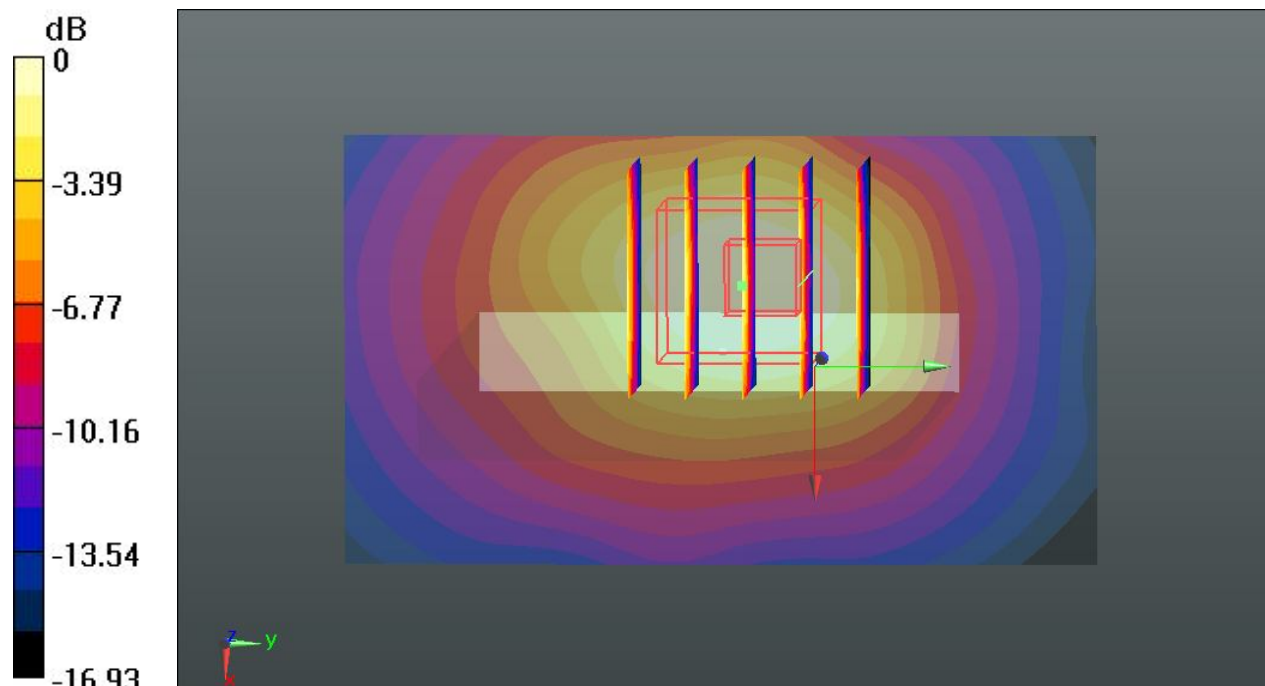
#### Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.918 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.405 mW/g

**SAR(1 g) = 0.835 mW/g; SAR(10 g) = 0.478 mW/g**

Maximum value of SAR (measured) = 1.17 W/kg



0 dB = 1.17 W/kg

### 106 CDMA2000 BC1\_RTAP 153.6\_Back\_1cm\_Ch25

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131021 Medium parameters used:  $f = 1851.25$  MHz;  $\sigma = 1.469$  mho/m;  $\epsilon_r = 54.84$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch25/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.89 W/kg

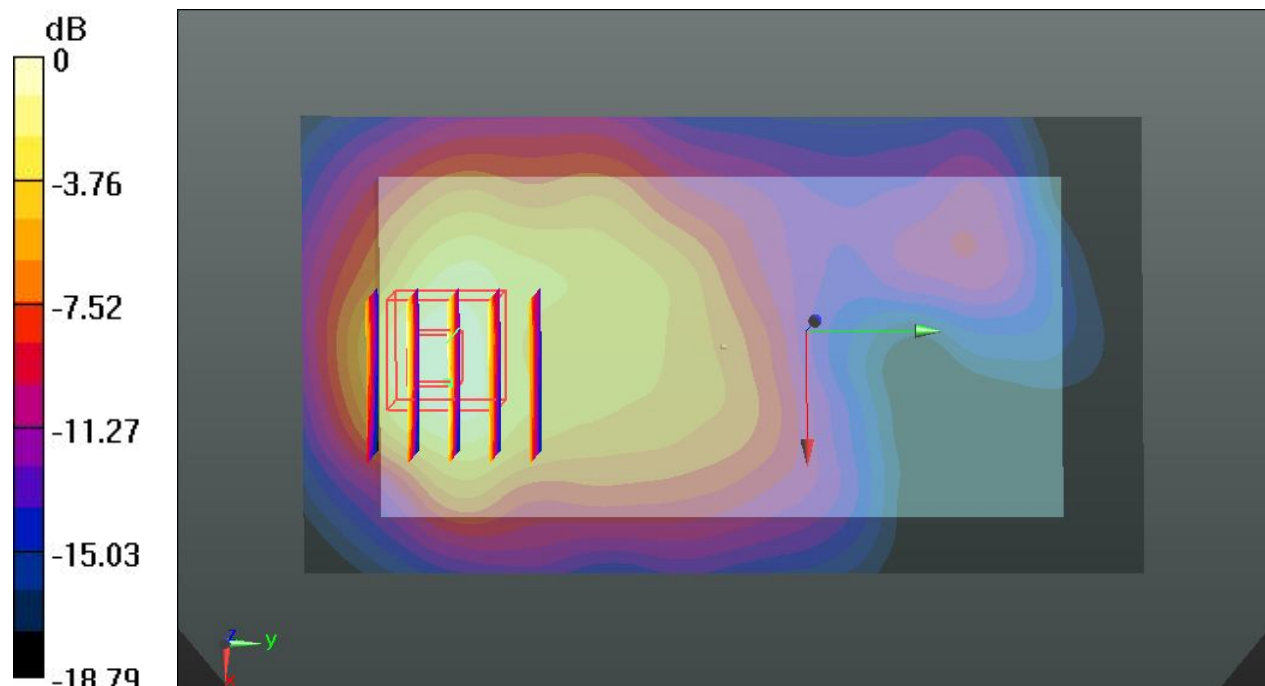
#### Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.514 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.757 mW/g

**SAR(1 g) = 1.450 mW/g; SAR(10 g) = 0.794 mW/g**

Maximum value of SAR (measured) = 1.99 W/kg



0 dB = 1.99 W/kg

### 107 CDMA2000 BC1\_RTAP 153.6\_Back\_1cm\_Ch600

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131021 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.507$  mho/m;  $\epsilon_r = 54.733$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch600/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.84 W/kg

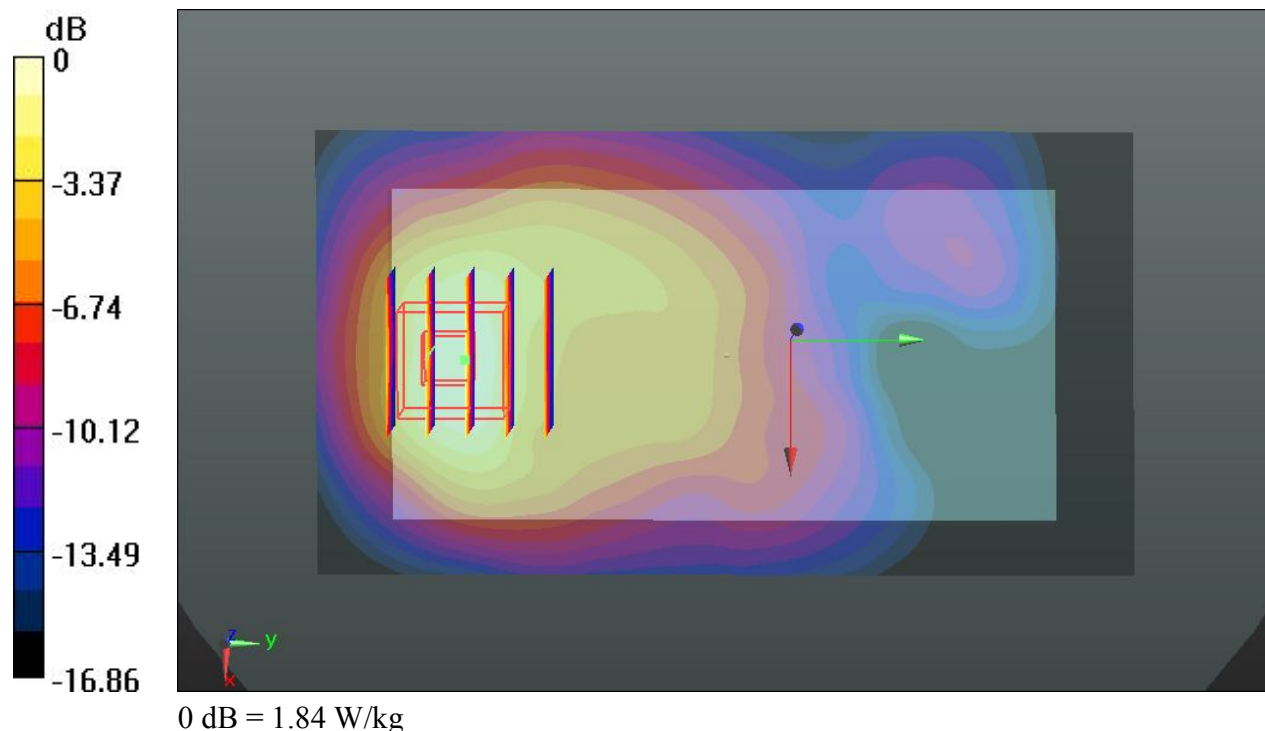
#### Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.156 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 3.123 mW/g

**SAR(1 g) = 1.350 mW/g; SAR(10 g) = 0.734 mW/g**

Maximum value of SAR (measured) = 1.84 W/kg



### 108 CDMA2000 BC1\_RTAP 153.6\_Bottom Side\_1cm\_Ch25

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131021 Medium parameters used:  $f = 1851.25$  MHz;  $\sigma = 1.469$  mho/m;  $\epsilon_r = 54.84$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch25/Area Scan (41x71x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.44 W/kg

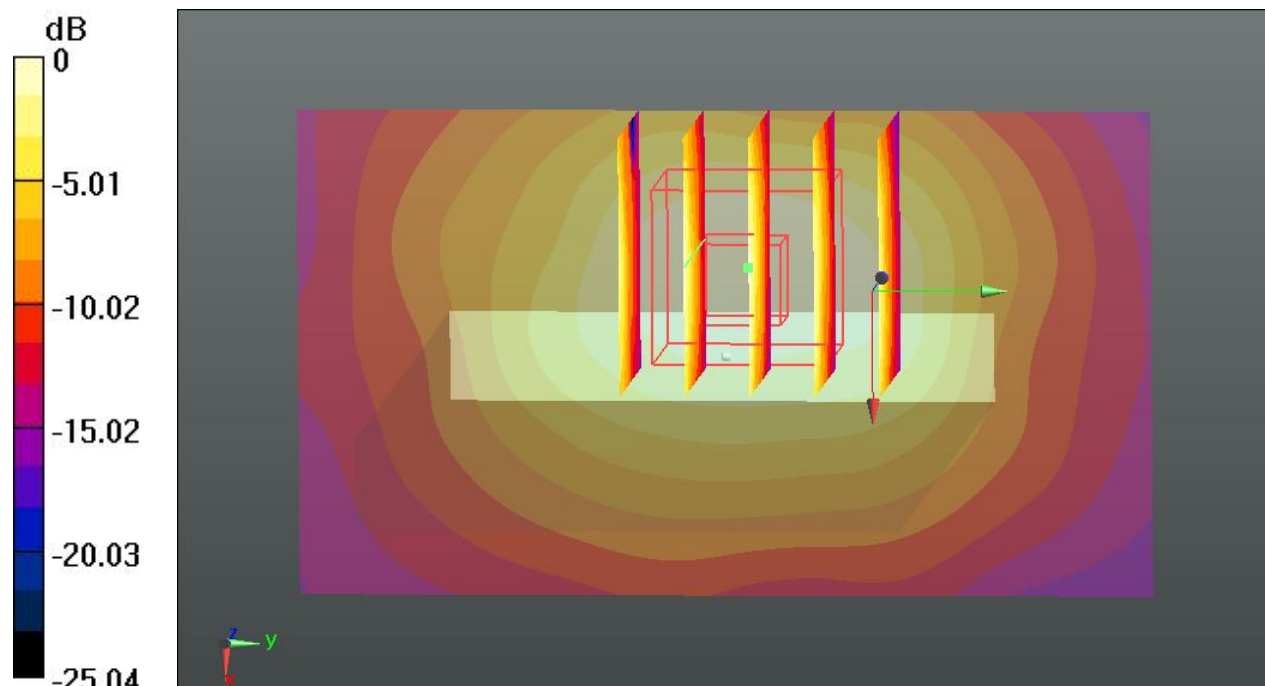
#### Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.934 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.373 mW/g

**SAR(1 g) = 0.947 mW/g; SAR(10 g) = 0.539 mW/g**

Maximum value of SAR (measured) = 1.26 W/kg



0 dB = 1.26 W/kg

### 109 CDMA2000 BC1\_RTAP 153.6\_Bottom Side\_1cm\_Ch600

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131021 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.507$  mho/m;  $\epsilon_r = 54.733$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch600/Area Scan (41x71x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.34 W/kg

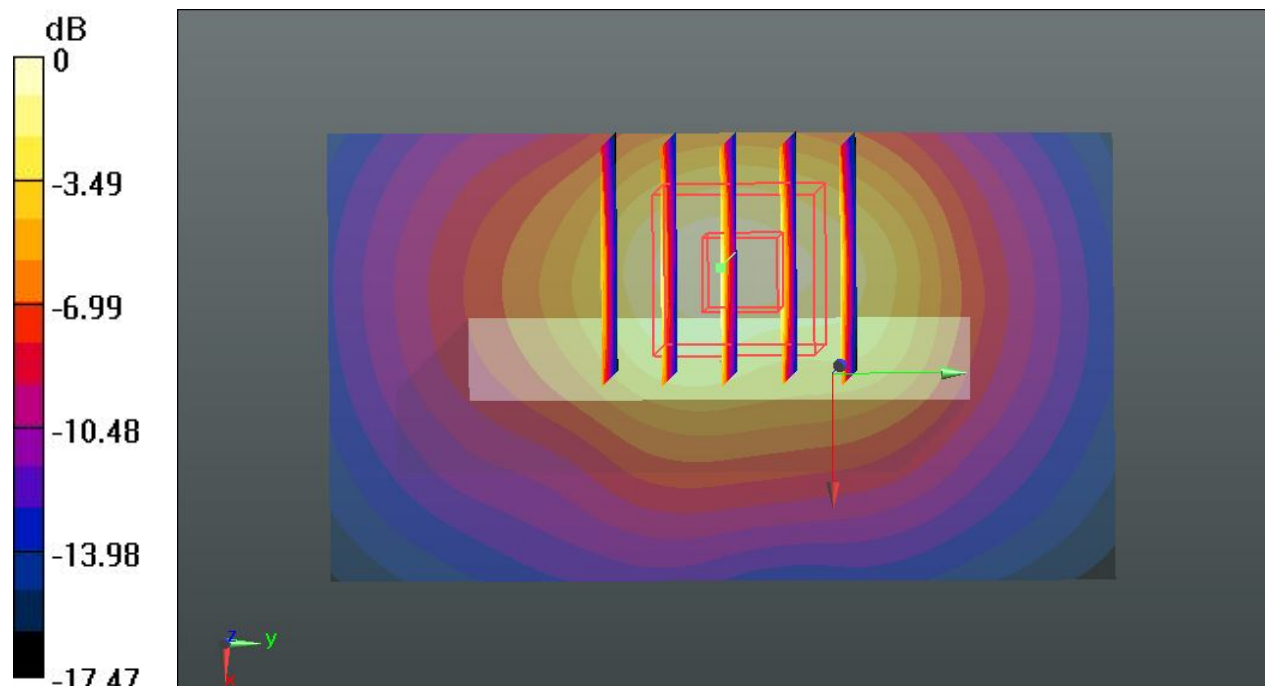
**Ch600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.130 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.632 mW/g

**SAR(1 g) = 1.030 mW/g; SAR(10 g) = 0.552 mW/g**

Maximum value of SAR (measured) = 1.42 W/kg



0 dB = 1.42 W/kg

### 51 LTE Band 25\_20M\_QPSK 1Rb 0offset\_Front\_1cm\_Ch26365

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131015 Medium parameters used:  $f = 1882.5$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 54.723$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch26365/Area Scan (61x11x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.722 W/kg

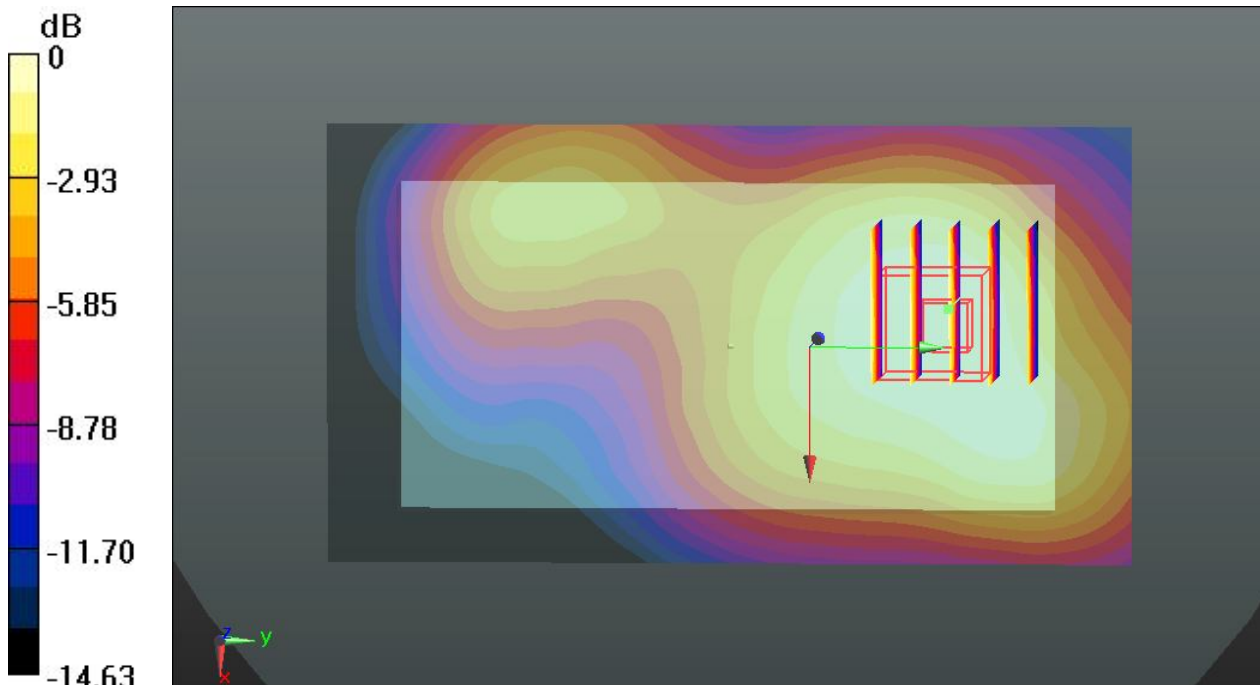
**Ch26365/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.226 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.860 mW/g

**SAR(1 g) = 0.572 mW/g; SAR(10 g) = 0.373 mW/g**

Maximum value of SAR (measured) = 0.716 W/kg



0 dB = 0.716 W/kg



### 52 LTE Band 25\_20M\_QPSK 1Rb 0offset\_Back\_1cm\_Ch26365

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131015 Medium parameters used:  $f = 1882.5$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 54.723$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch26365/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.28 W/kg

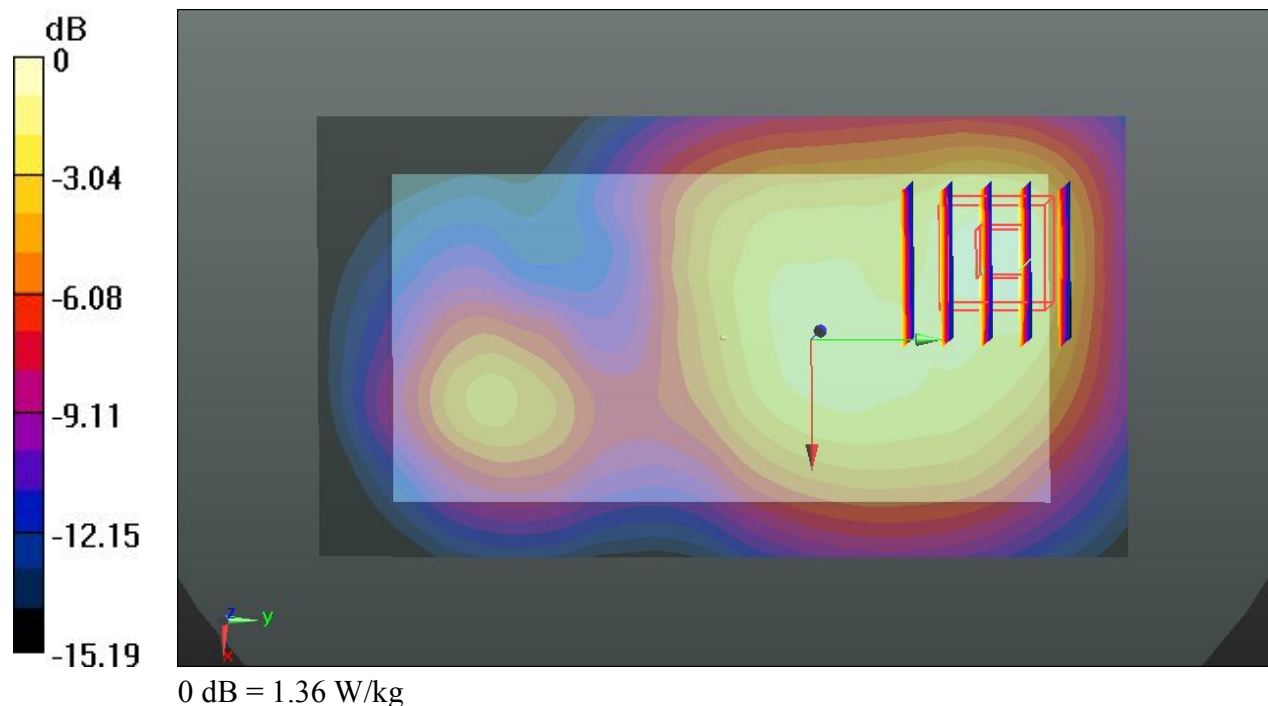
**Ch26365/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.899 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.803 mW/g

**SAR(1 g) = 1.020 mW/g; SAR(10 g) = 0.578 mW/g**

Maximum value of SAR (measured) = 1.36 W/kg



**53 LTE Band 25\_20M\_QPSK 1Rb 0offset\_Left Side\_1cm\_Ch26365**

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131015 Medium parameters used:  $f = 1882.5$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 54.723$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch26365/Area Scan (41x11x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.490 W/kg

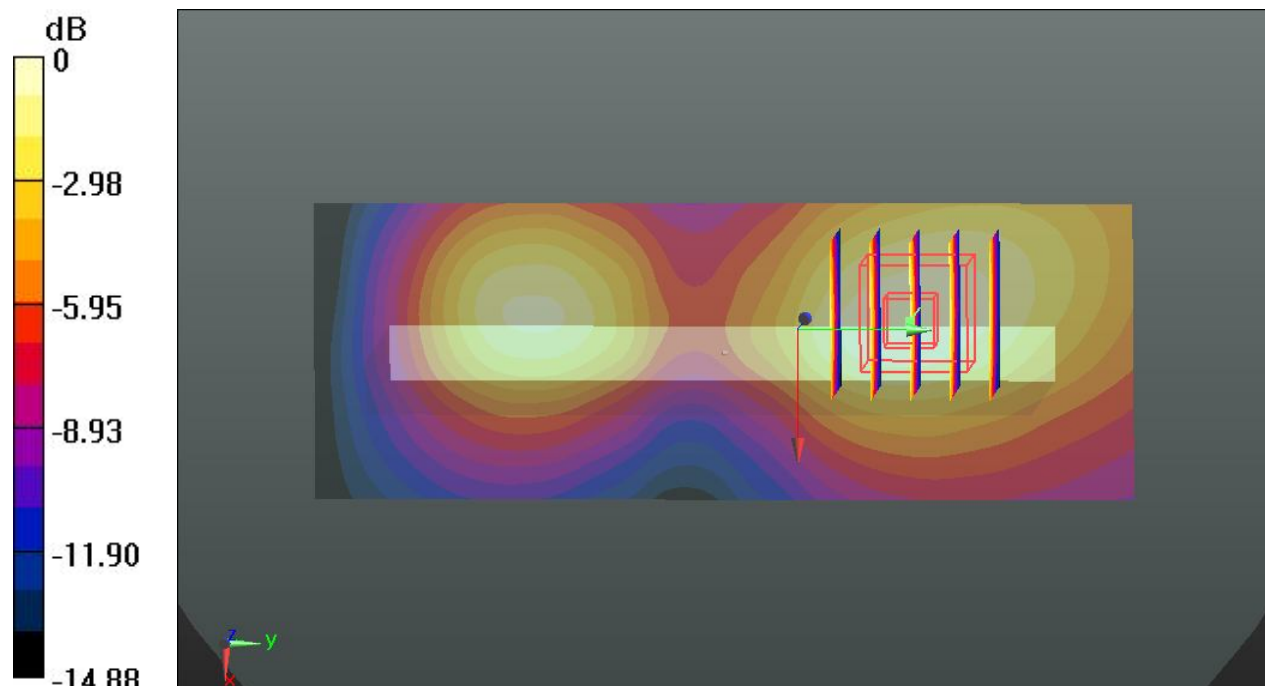
**Ch26365/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.250 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.592 mW/g

**SAR(1 g) = 0.362 mW/g; SAR(10 g) = 0.219 mW/g**

Maximum value of SAR (measured) = 0.483 W/kg



0 dB = 0.483 W/kg

### 54 LTE Band 25\_20M\_QPSK 1Rb 0offset\_Right Side\_1cm\_Ch26365

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131015 Medium parameters used:  $f = 1882.5$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 54.723$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch26365/Area Scan (41x11x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.852 W/kg

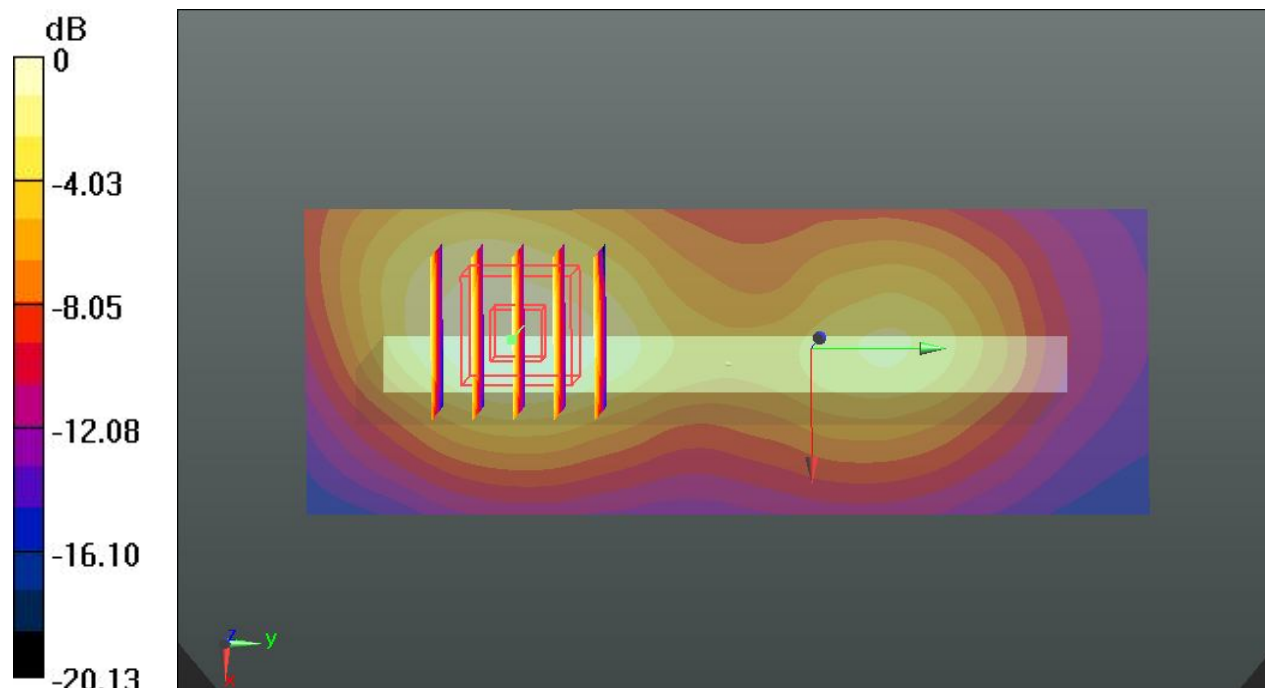
**Ch26365/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.808 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.981 mW/g

**SAR(1 g) = 0.580 mW/g; SAR(10 g) = 0.337 mW/g**

Maximum value of SAR (measured) = 0.788 W/kg



0 dB = 0.788 W/kg

### 55 LTE Band 25\_20M\_QPSK 1Rb 0offset\_Top Side\_1cm\_Ch26365

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131015 Medium parameters used:  $f = 1882.5$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 54.723$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch26365/Area Scan (41x71x1):

Interpolated grid:  $dx=15$ mm,  $dy=15$ mm  
Maximum value of SAR (interpolated) = 0.0304 W/kg

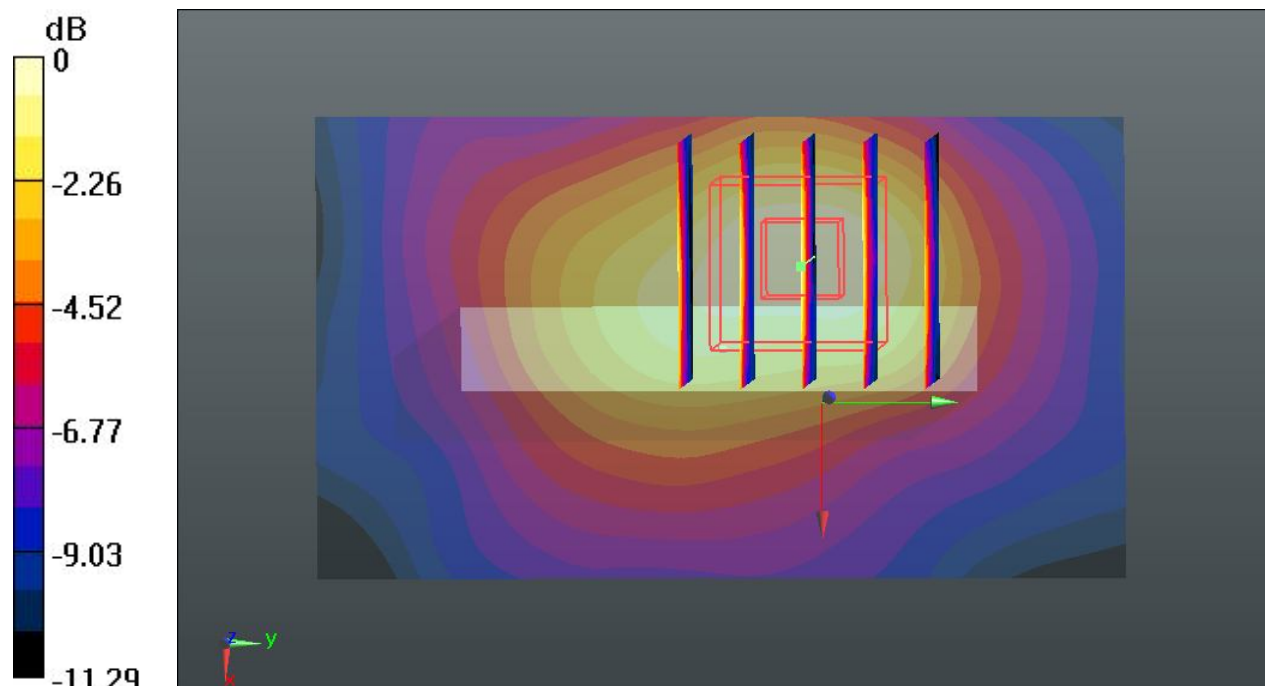
#### Ch26365/Zoom Scan (5x5x7)/Cube 0:

Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 1.246 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.036 mW/g

**SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.012 mW/g**

Maximum value of SAR (measured) = 0.0284 W/kg



0 dB = 0.0284 W/kg

**56 LTE Band 25\_20M\_QPSK 1Rb 0offset\_Back\_1cm\_Ch26140**

Communication System: LTE; Frequency: 1860 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131015 Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 54.807$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch26140/Area Scan (61x11x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.24 W/kg

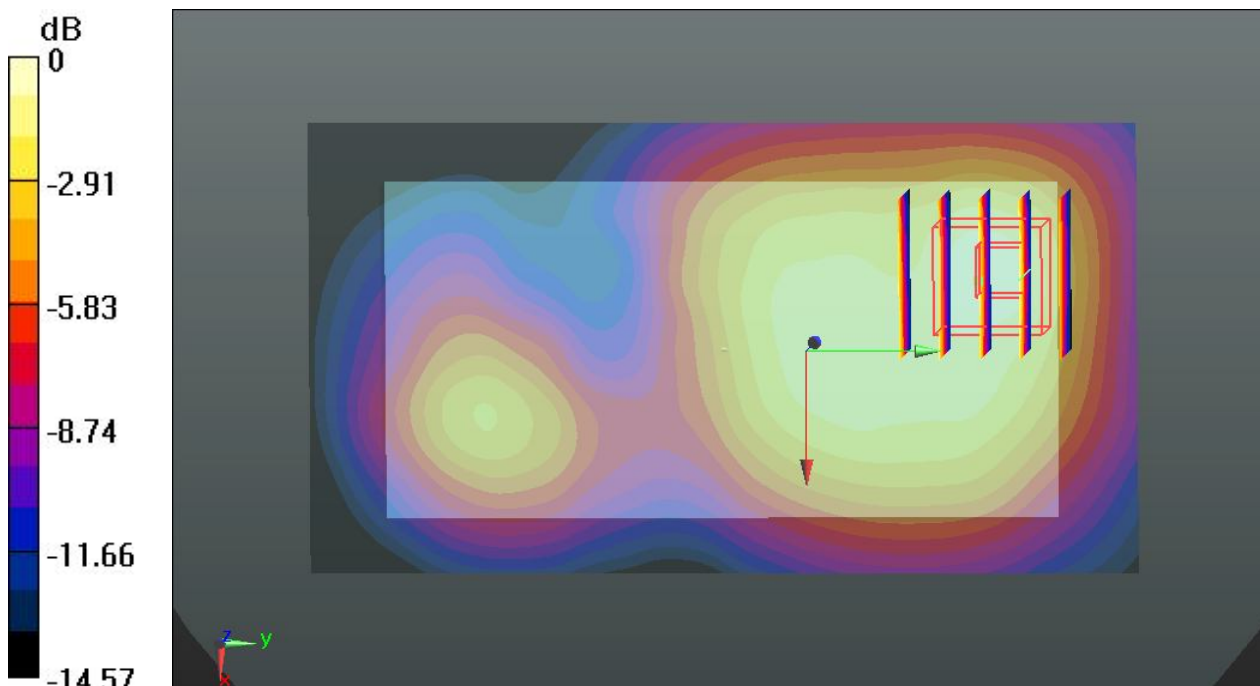
**Ch26140/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.696 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.547 mW/g

**SAR(1 g) = 0.916 mW/g; SAR(10 g) = 0.519 mW/g**

Maximum value of SAR (measured) = 1.19 W/kg



0 dB = 1.19 W/kg

**57 LTE Band 25\_20M\_QPSK 1Rb 0offset\_Back\_1cm\_Ch26590**

Communication System: LTE; Frequency: 1905 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131015 Medium parameters used:  $f = 1905$  MHz;  $\sigma = 1.539$  mho/m;  $\epsilon_r = 54.601$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch26590/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.26 W/kg

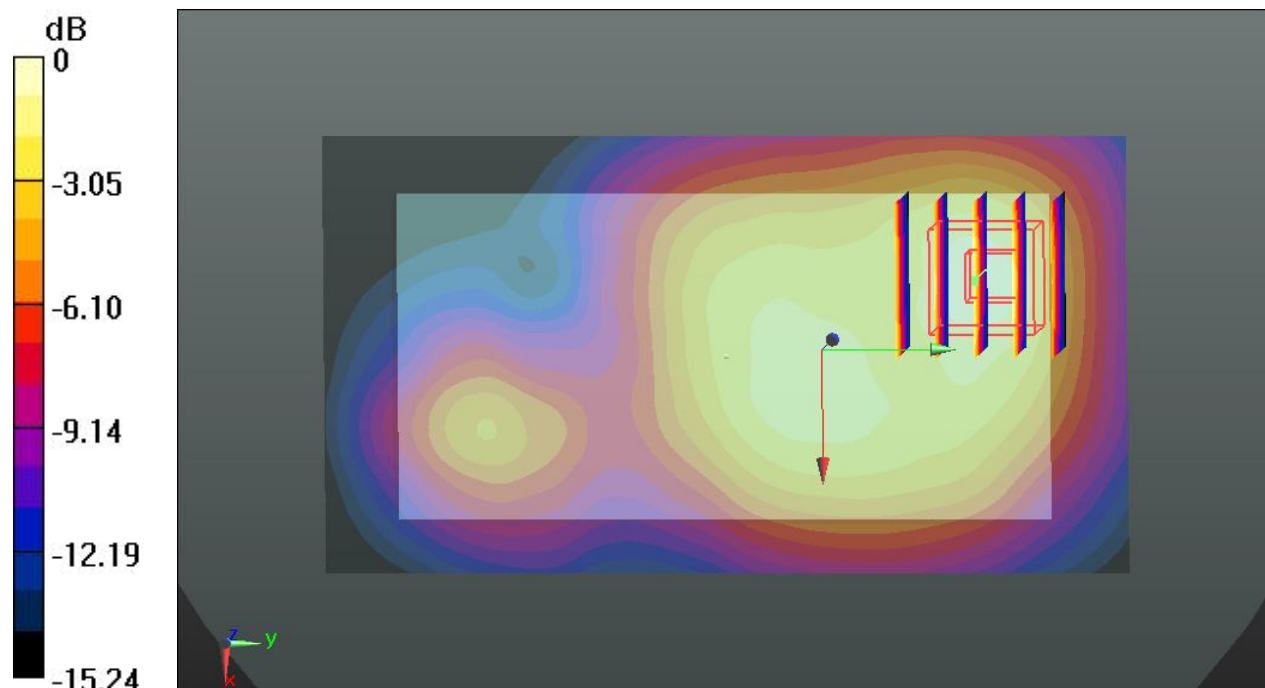
**Ch26590/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.992 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.586 mW/g

**SAR(1 g) = 0.917 mW/g; SAR(10 g) = 0.504 mW/g**

Maximum value of SAR (measured) = 1.19 W/kg



0 dB = 1.19 W/kg

### 71 LTE Band 25\_20M\_QPSK 50Rb 0offset\_Front\_1cm\_Ch26365

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131015 Medium parameters used:  $f = 1882.5$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 54.723$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch26365/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.553 W/kg

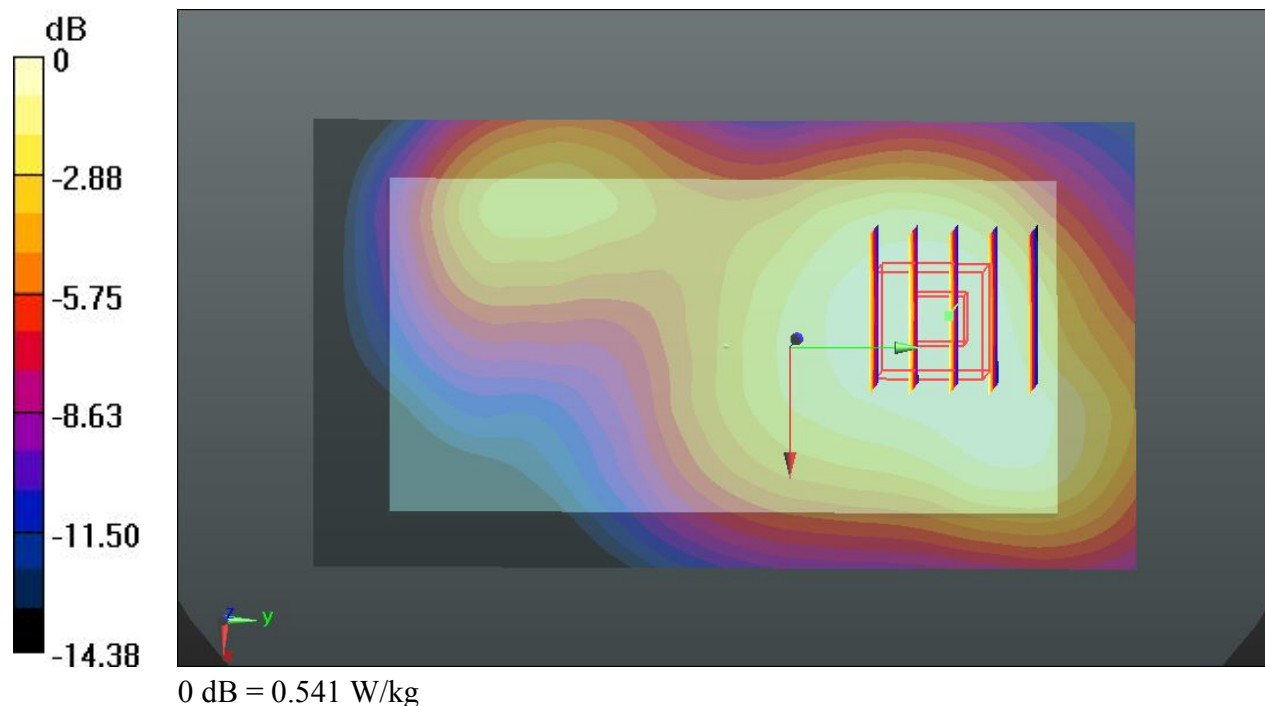
**Ch26365/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.574 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.644 mW/g

**SAR(1 g) = 0.429 mW/g; SAR(10 g) = 0.281 mW/g**

Maximum value of SAR (measured) = 0.541 W/kg



### 72 LTE Band 25\_20M\_QPSK 50Rb 0offset\_Back\_1cm\_Ch26365

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131015 Medium parameters used:  $f = 1882.5$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 54.723$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch26365/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.15 W/kg

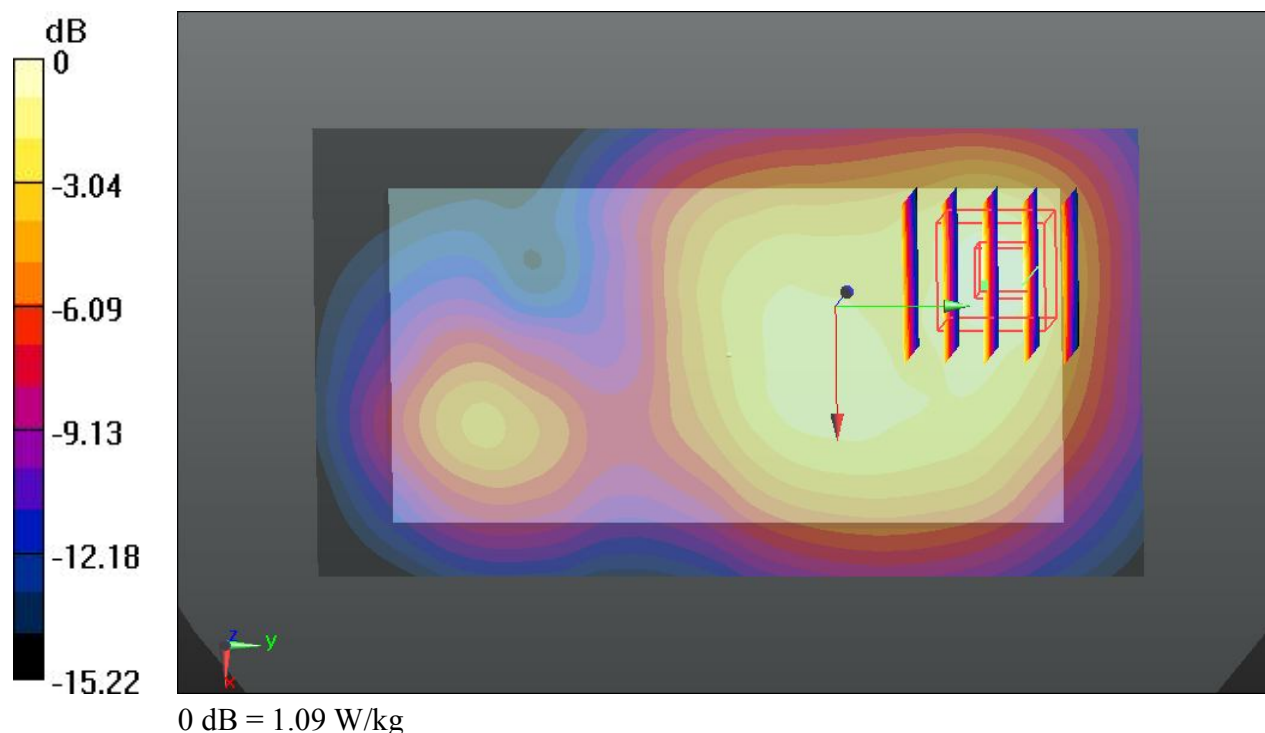
**Ch26365/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.874 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.468 mW/g

**SAR(1 g) = 0.853 mW/g; SAR(10 g) = 0.467 mW/g**

Maximum value of SAR (measured) = 1.09 W/kg





### 73 LTE Band 25\_20M\_QPSK 50Rb 0offset\_Left Side\_1cm\_Ch26365

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131015 Medium parameters used:  $f = 1882.5$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 54.723$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch26365/Area Scan (41x11x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.372 W/kg

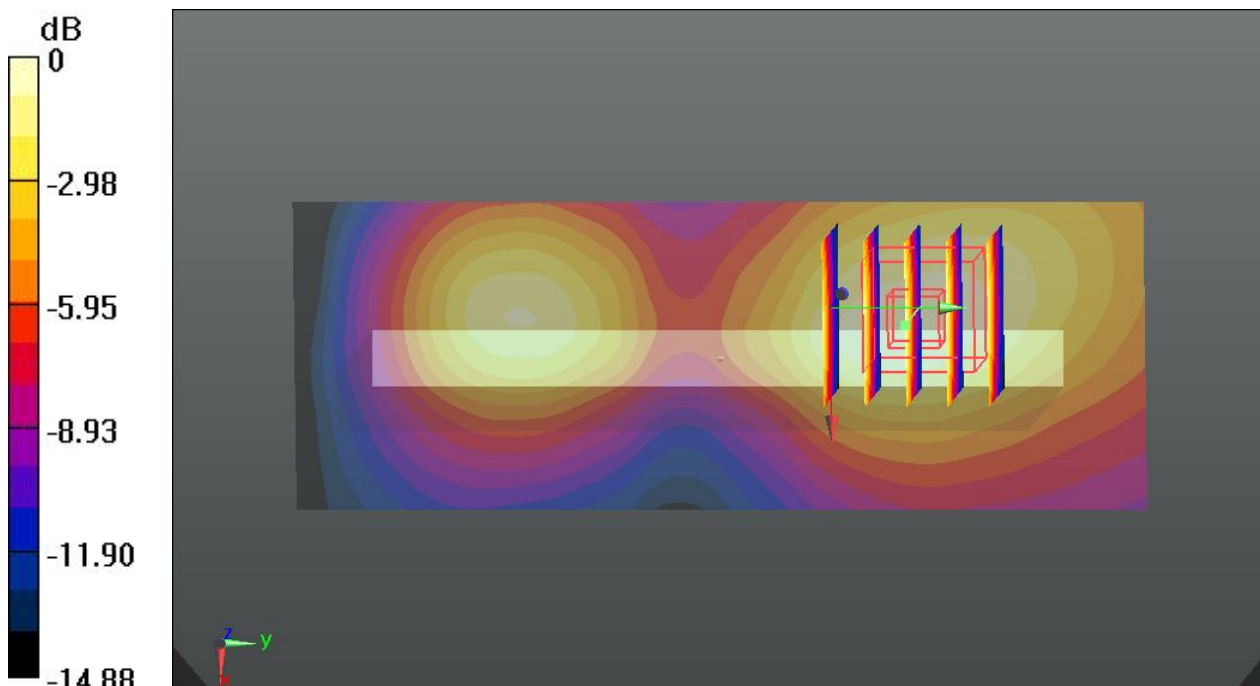
**Ch26365/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.941 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.459 mW/g

**SAR(1 g) = 0.280 mW/g; SAR(10 g) = 0.168 mW/g**

Maximum value of SAR (measured) = 0.375 W/kg



0 dB = 0.375 W/kg

### 74 LTE Band 25\_20M\_QPSK 50Rb 0offset\_Right Side\_1cm\_Ch26365

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131015 Medium parameters used:  $f = 1882.5$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 54.723$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch26365/Area Scan (41x11x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.632 W/kg

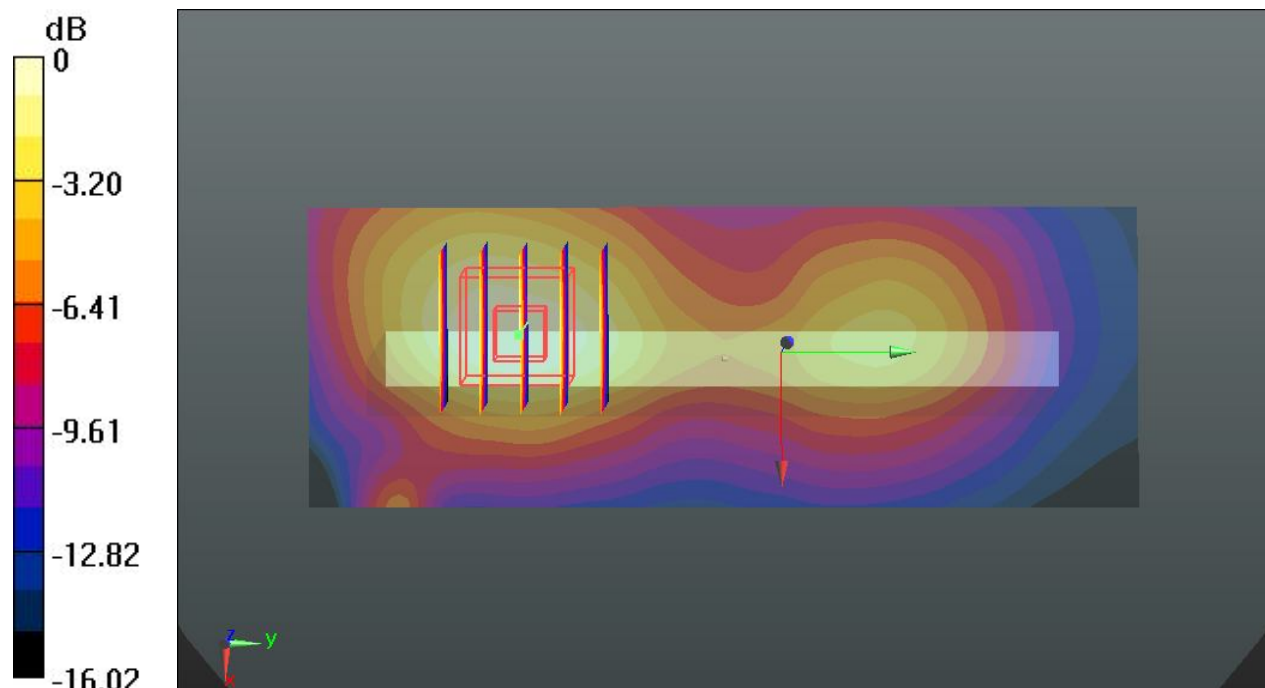
**Ch26365/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.096 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.772 mW/g

**SAR(1 g) = 0.452 mW/g; SAR(10 g) = 0.261 mW/g**

Maximum value of SAR (measured) = 0.619 W/kg



0 dB = 0.619 W/kg

### 75 LTE Band 25\_20M\_QPSK 50Rb 0offset\_Top Side\_1cm\_Ch26365

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131015 Medium parameters used:  $f = 1882.5$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 54.723$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch26365/Area Scan (41x71x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0237 W/kg

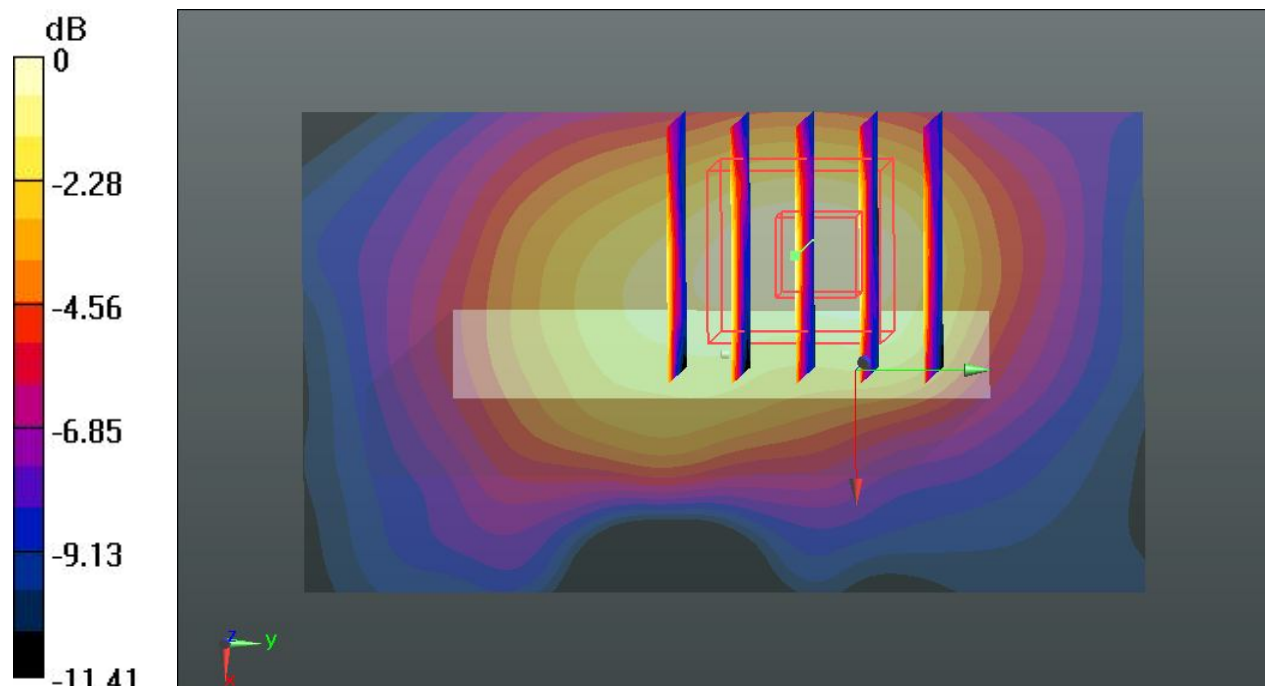
**Ch26365/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.997 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.030 mW/g

**SAR(1 g) = 0.018 mW/g; SAR(10 g) = 0.011 mW/g**

Maximum value of SAR (measured) = 0.0233 W/kg



0 dB = 0.0233 W/kg

**76 LTE Band 25\_20M\_QPSK 50Rb 0offset\_Back\_1cm\_Ch26140**

Communication System: LTE; Frequency: 1860 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131015 Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 54.807$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch26140/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.938 W/kg

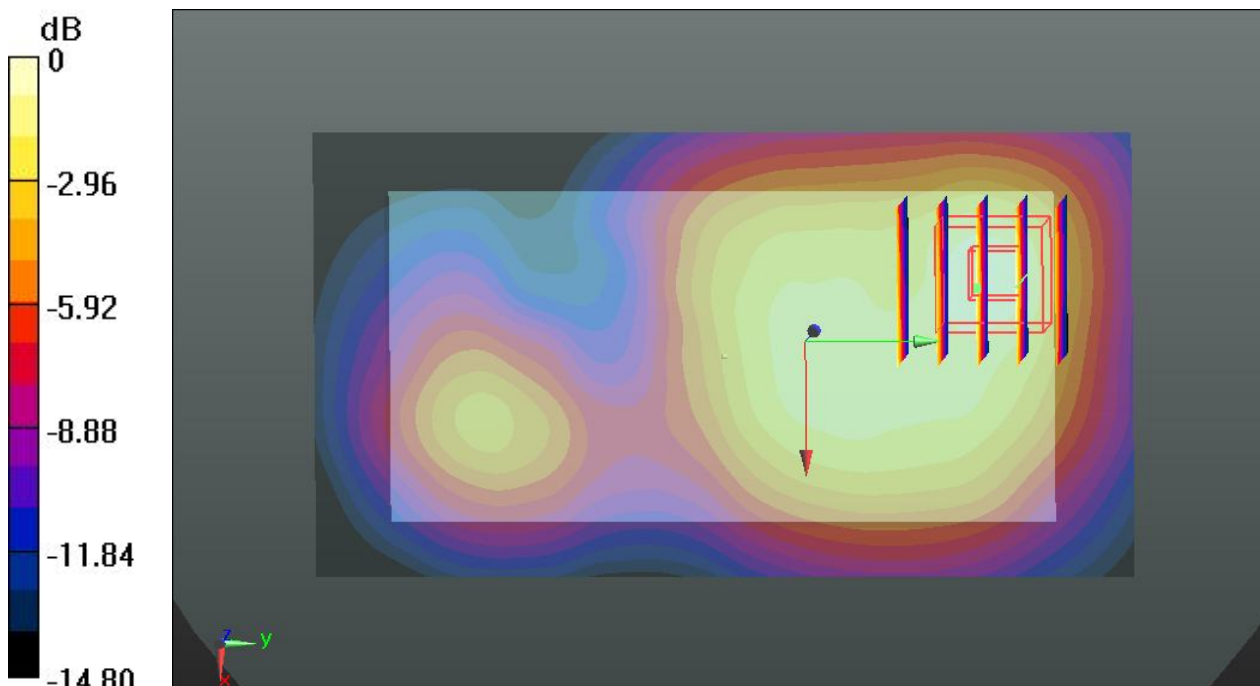
**Ch26140/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.407 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.180 mW/g

**SAR(1 g) = 0.690 mW/g; SAR(10 g) = 0.383 mW/g**

Maximum value of SAR (measured) = 0.888 W/kg



0 dB = 0.888 W/kg

### 77 LTE Band 25\_20M\_QPSK 50Rb 0offset\_Back\_1cm\_Ch26590

Communication System: LTE; Frequency: 1905 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131015 Medium parameters used:  $f = 1905$  MHz;  $\sigma = 1.539$  mho/m;  $\epsilon_r = 54.601$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch26590/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.07 W/kg

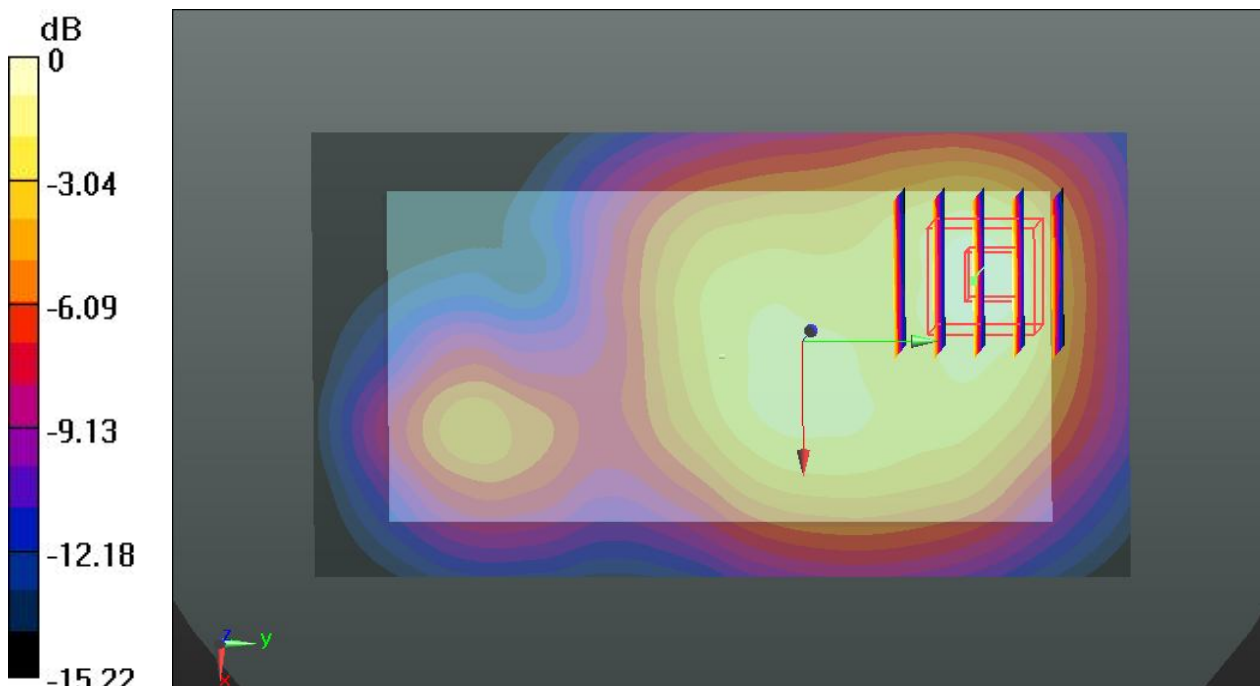
#### Ch26590/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.327 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.332 mW/g

**SAR(1 g) = 0.766 mW/g; SAR(10 g) = 0.420 mW/g**

Maximum value of SAR (measured) = 0.997 W/kg



0 dB = 0.997 W/kg

### 91 LTE Band 25\_20M\_QPSK 100Rb 0offset\_Front\_1cm\_Ch26365

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131015 Medium parameters used:  $f = 1882.5$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 54.723$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch26365/Area Scan (61x11x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.481 W/kg

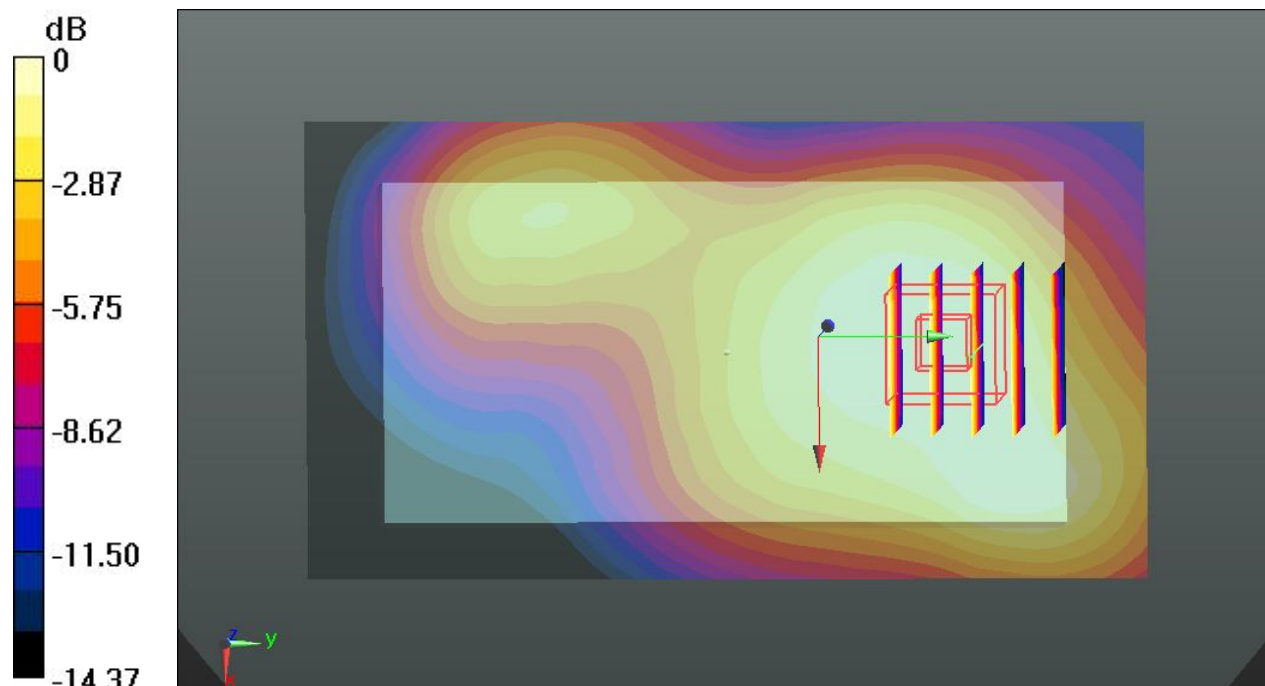
#### Ch26365/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.604 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.562 mW/g

**SAR(1 g) = 0.373 mW/g; SAR(10 g) = 0.243 mW/g**

Maximum value of SAR (measured) = 0.468 W/kg



0 dB = 0.468 W/kg

### 92 LTE Band 25\_20M\_QPSK 100Rb 0offset\_Back\_1cm\_Ch26365

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131015 Medium parameters used:  $f = 1882.5$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 54.723$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch26365/Area Scan (61x11x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.05 W/kg

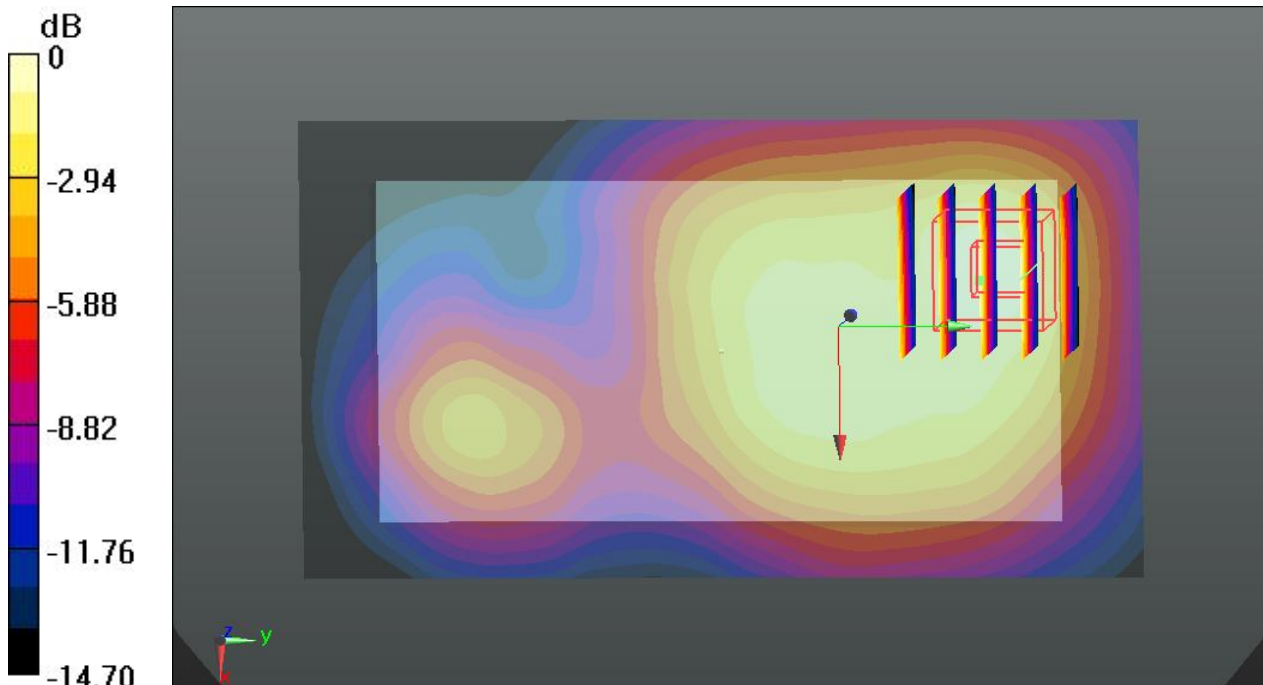
**Ch26365/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.645 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.293 mW/g

**SAR(1 g) = 0.753 mW/g; SAR(10 g) = 0.420 mW/g**

Maximum value of SAR (measured) = 0.976 W/kg



0 dB = 0.976 W/kg

### 93 LTE Band 25\_20M\_QPSK 100Rb 0offset\_Left Side\_1cm\_Ch26365

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131015 Medium parameters used:  $f = 1882.5$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 54.723$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch26365/Area Scan (41x11x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.349 W/kg

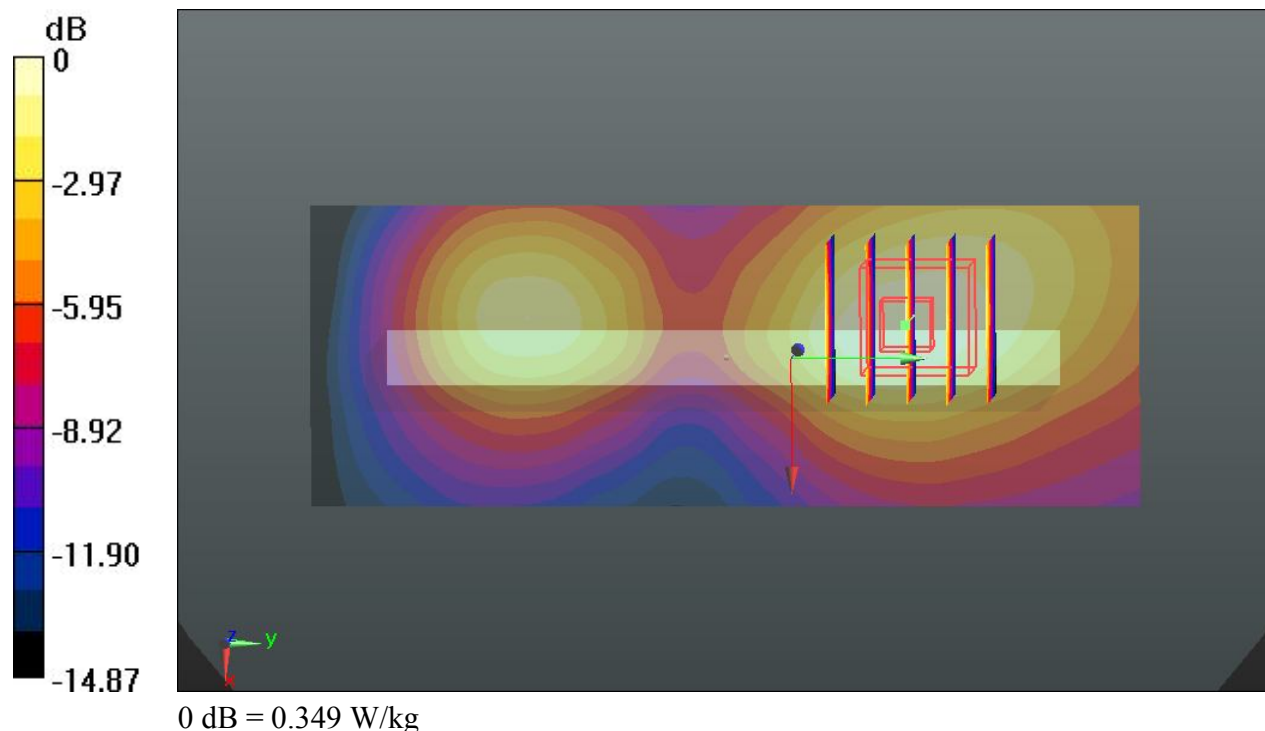
**Ch26365/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.635 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.429 mW/g

**SAR(1 g) = 0.260 mW/g; SAR(10 g) = 0.157 mW/g**

Maximum value of SAR (measured) = 0.349 W/kg





### 94 LTE Band 25\_20M\_QPSK 100Rb 0offset\_Right Side\_1cm\_Ch26365

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131015 Medium parameters used:  $f = 1882.5$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 54.723$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch26365/Area Scan (41x11x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.626 W/kg

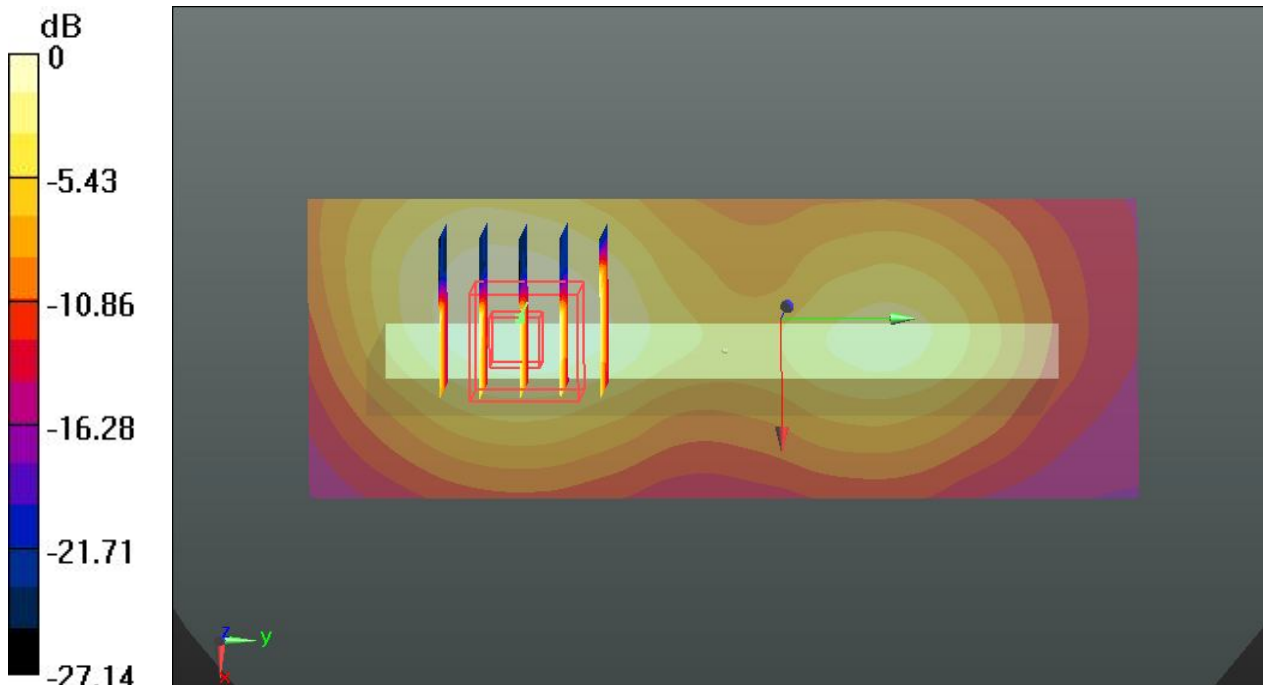
**Ch26365/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.734 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.118 mW/g

**SAR(1 g) = 0.495 mW/g; SAR(10 g) = 0.213 mW/g**

Maximum value of SAR (measured) = 0.600 W/kg



0 dB = 0.600 W/kg

### 95 LTE Band 25\_20M\_QPSK 100Rb 0offset\_Top Side\_1cm\_Ch26365

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131015 Medium parameters used:  $f = 1882.5$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 54.723$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch26365/Area Scan (41x71x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0267 W/kg

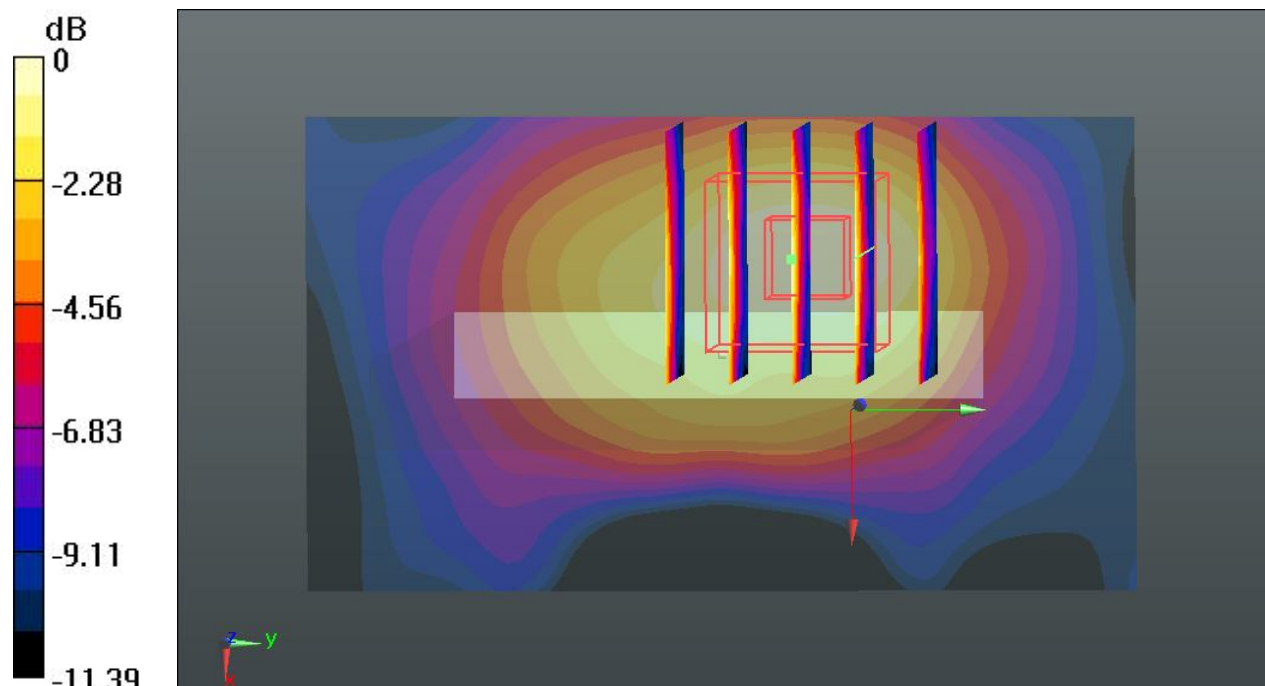
**Ch26365/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.164 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.035 mW/g

**SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.012 mW/g**

Maximum value of SAR (measured) = 0.0261 W/kg



0 dB = 0.0261 W/kg

### 131 WLAN2.4GHz\_802.11b\_1M\_Front\_1cm\_Ch6

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1.025  
Medium: MSL\_2450\_131022 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.931$  mho/m;  $\epsilon_r = 51.715$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch6/Area Scan (81x131x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0667 W/kg

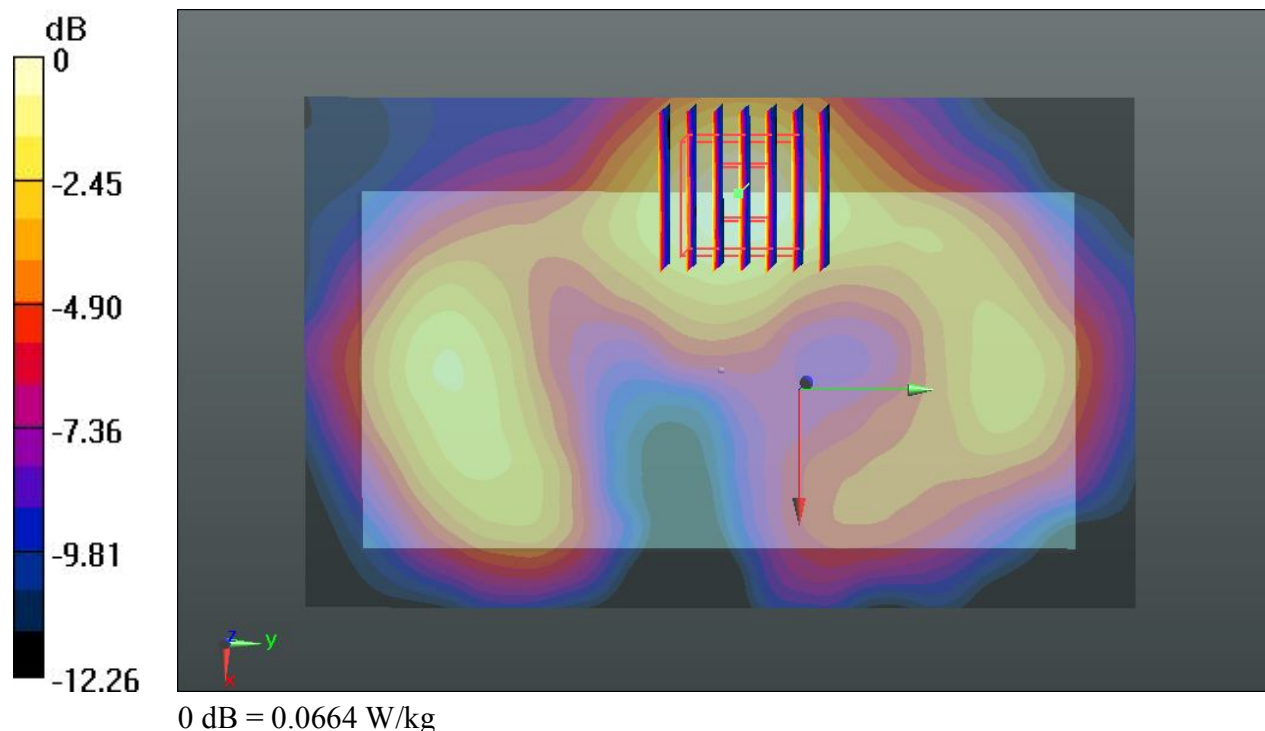
**Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.265 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.088 mW/g

**SAR(1 g) = 0.047 mW/g; SAR(10 g) = 0.026 mW/g**

Maximum value of SAR (measured) = 0.0664 W/kg



### 132 WLAN2.4GHz\_802.11b\_1M\_Back\_1cm\_Ch6

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1.025  
Medium: MSL\_2450\_131022 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.931$  mho/m;  $\epsilon_r = 51.715$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch6/Area Scan (81x131x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.160 W/kg

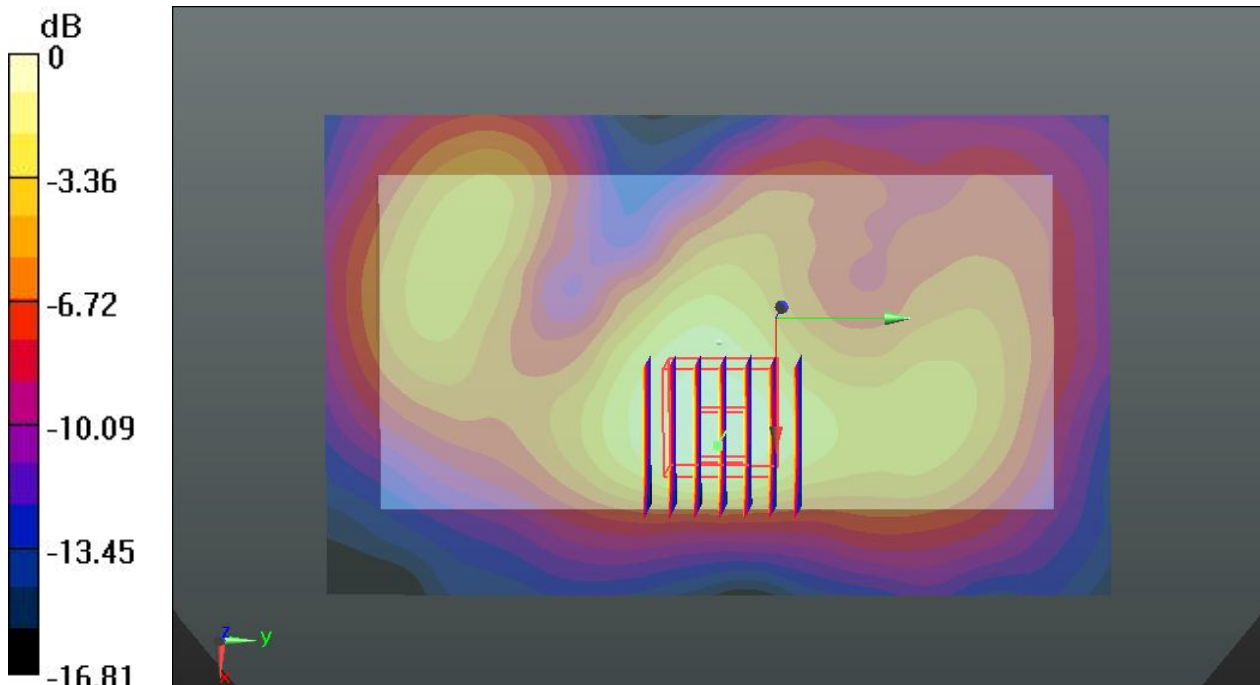
**Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.067 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.221 mW/g

**SAR(1 g) = 0.109 mW/g; SAR(10 g) = 0.059 mW/g**

Maximum value of SAR (measured) = 0.158 W/kg



0 dB = 0.158 W/kg

### 133 WLAN2.4GHz\_802.11b\_1M\_Left Side\_1cm\_Ch6

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1.025  
Medium: MSL\_2450\_131022 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.931$  mho/m;  $\epsilon_r = 51.715$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch6/Area Scan (41x141x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.101 W/kg

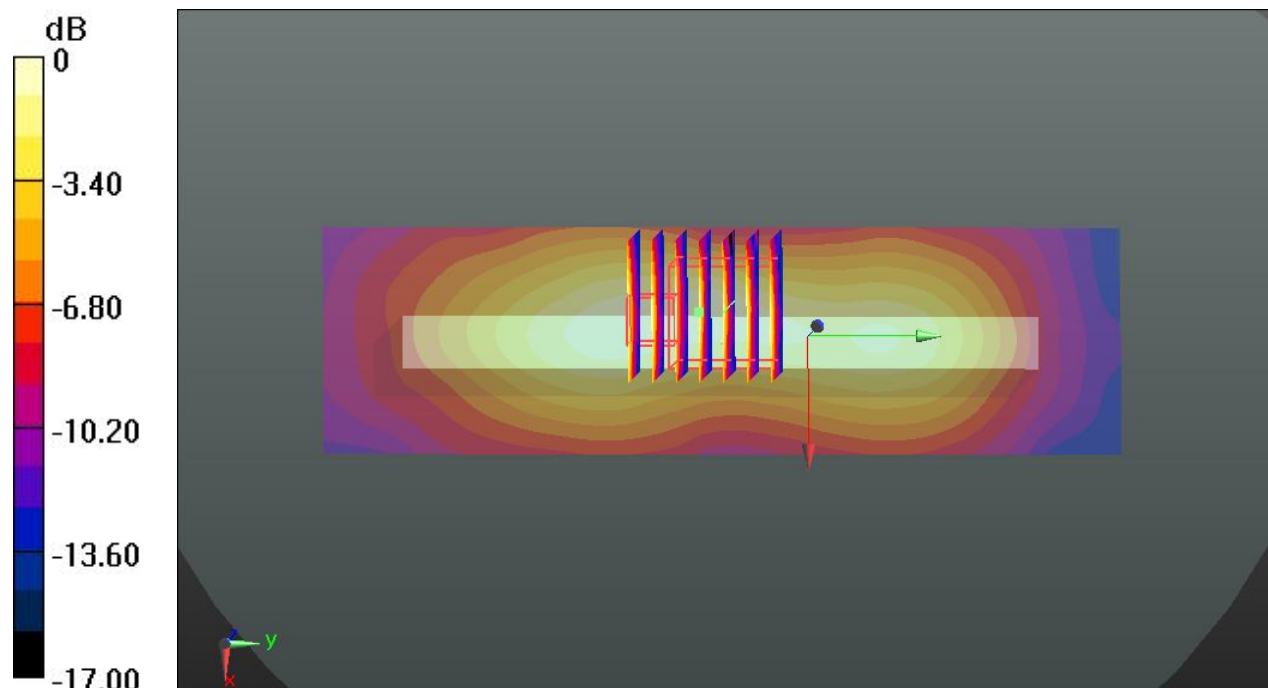
**Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.601 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.187 mW/g

**SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.035 mW/g**

Maximum value of SAR (measured) = 0.108 W/kg



0 dB = 0.108 W/kg

### 134 WLAN2.4GHz\_802.11b\_5.5M\_Back\_1cm\_Ch6

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1.132  
Medium: MSL\_2450\_131022 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.931$  mho/m;  $\epsilon_r = 51.715$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch6/Area Scan (81x131x1):** Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.150 W/kg

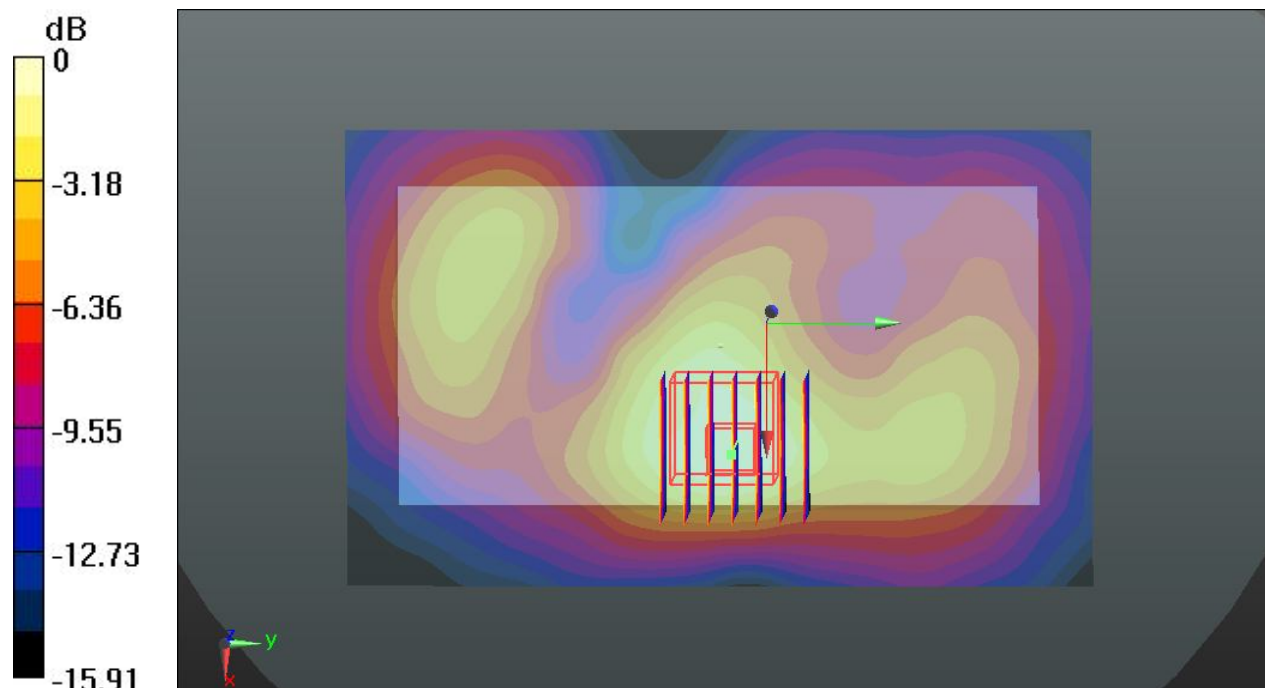
**Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.765 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.193 mW/g

**SAR(1 g) = 0.097 mW/g; SAR(10 g) = 0.054 mW/g**

Maximum value of SAR (measured) = 0.141 W/kg



0 dB = 0.141 W/kg

### 26 CDMA2000 BC0\_RC3 SO32\_Front\_1cm\_Ch1013

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1  
Medium: MSL\_835\_131014 Medium parameters used:  $f = 825$  MHz;  $\sigma = 1.001$  mho/m;  $\epsilon_r = 56.355$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch1013/Area Scan (61x11x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.269 W/kg

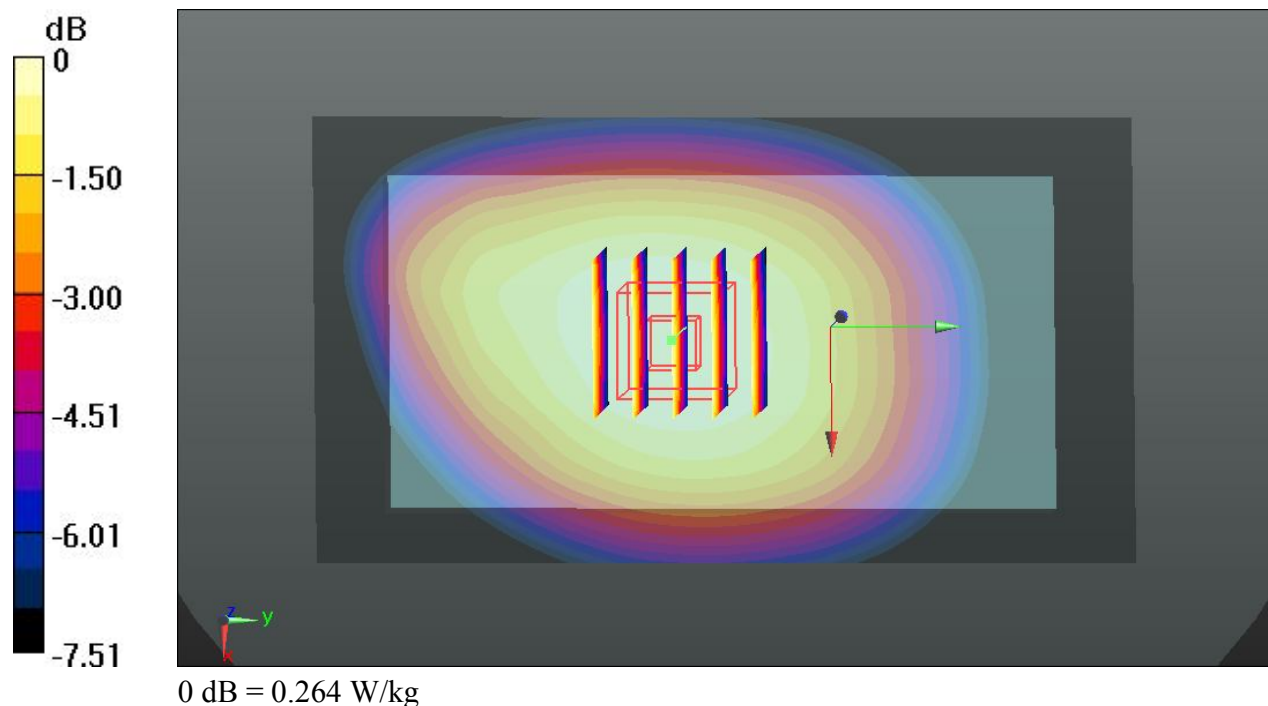
#### Ch1013/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.571 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.287 mW/g

**SAR(1 g) = 0.232 mW/g; SAR(10 g) = 0.180 mW/g**

Maximum value of SAR (measured) = 0.264 W/kg



### 27 CDMA2000 BC0\_RC3 SO32\_Back\_1cm\_Ch1013

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1  
Medium: MSL\_835\_131014 Medium parameters used:  $f = 825$  MHz;  $\sigma = 1.001$  mho/m;  $\epsilon_r = 56.355$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch1013/Area Scan (61x11x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.751 W/kg

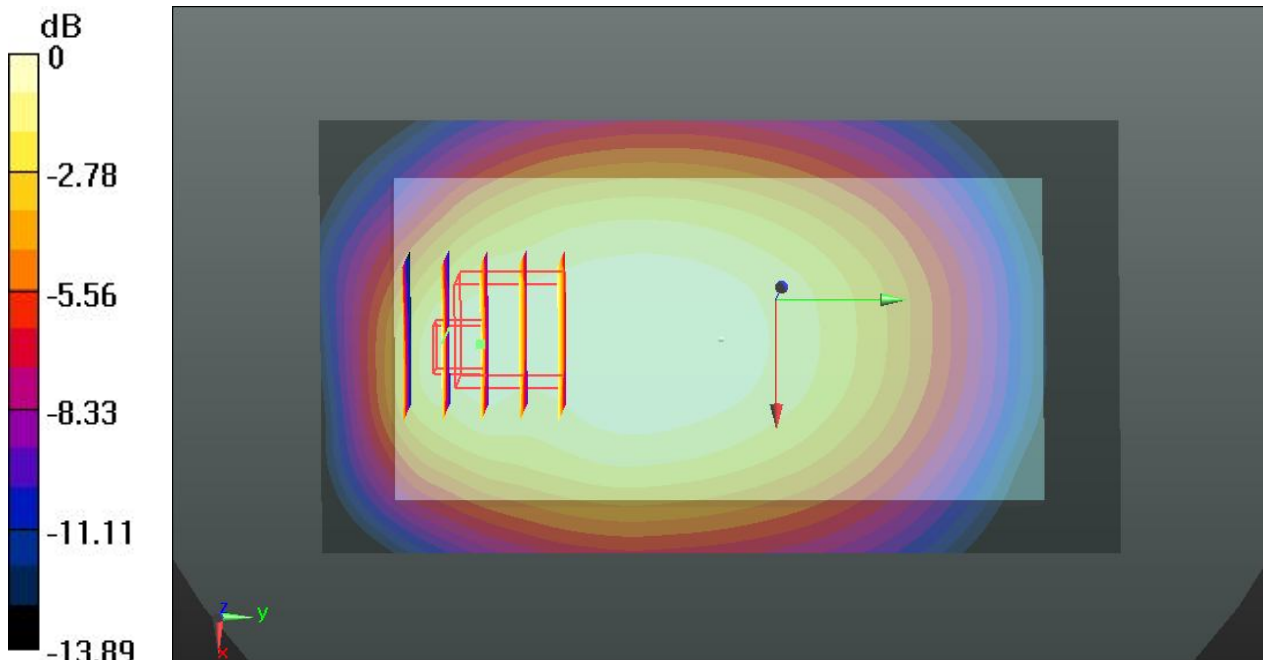
**Ch1013/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.294 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.910 mW/g

**SAR(1 g) = 0.561 mW/g; SAR(10 g) = 0.393 mW/g**

Maximum value of SAR (measured) = 0.734 W/kg



0 dB = 0.734 W/kg



### 29 CDMA2000 BC0\_RETAP 4096\_Back\_1cm\_Ch1013

Communication System: CDMA2000; Frequency: 824.7 MHz; Duty Cycle: 1:1  
Medium: MSL\_835\_131014 Medium parameters used:  $f = 825$  MHz;  $\sigma = 1.001$  mho/m;  $\epsilon_r = 56.355$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.6 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch1013/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.711 W/kg

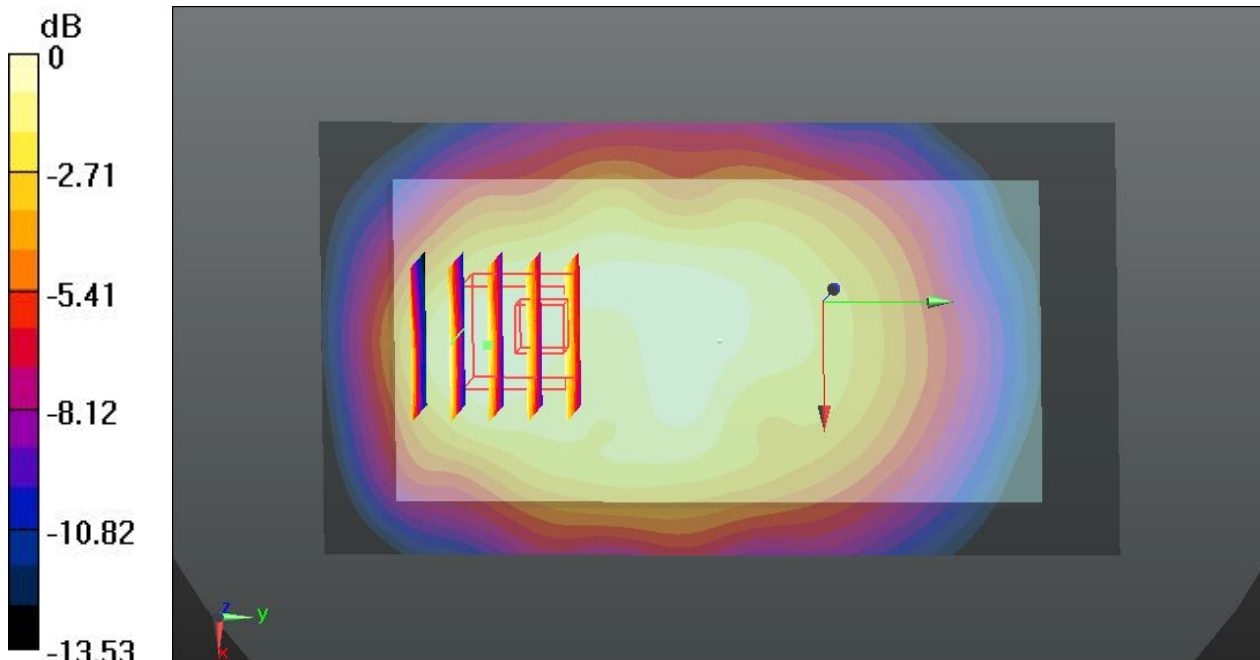
**Ch1013/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.301 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.874 mW/g

**SAR(1 g) = 0.516 mW/g; SAR(10 g) = 0.363 mW/g**

Maximum value of SAR (measured) = 0.692 W/kg



0 dB = 0.692 W/kg

### 110 CDMA2000 BC1\_RC3 SO32\_Front\_1cm\_Ch1175

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131021 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.543$  mho/m;  $\epsilon_r = 54.589$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch1175/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.776 W/kg

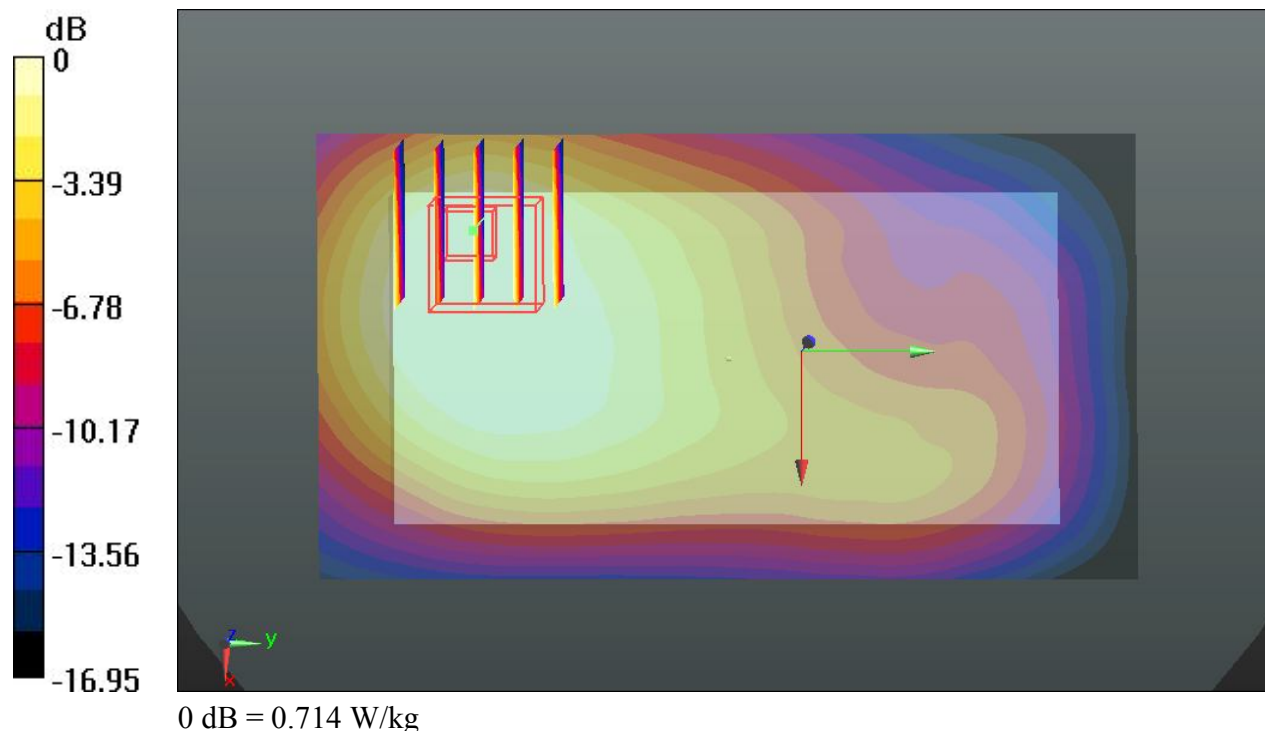
#### Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.524 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.910 mW/g

**SAR(1 g) = 0.524 mW/g; SAR(10 g) = 0.327 mW/g**

Maximum value of SAR (measured) = 0.714 W/kg



### 111 CDMA2000 BC1\_RC3 SO32\_Back\_1cm\_Ch1175

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131021 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.543$  mho/m;  $\epsilon_r = 54.589$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch1175/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.63 W/kg

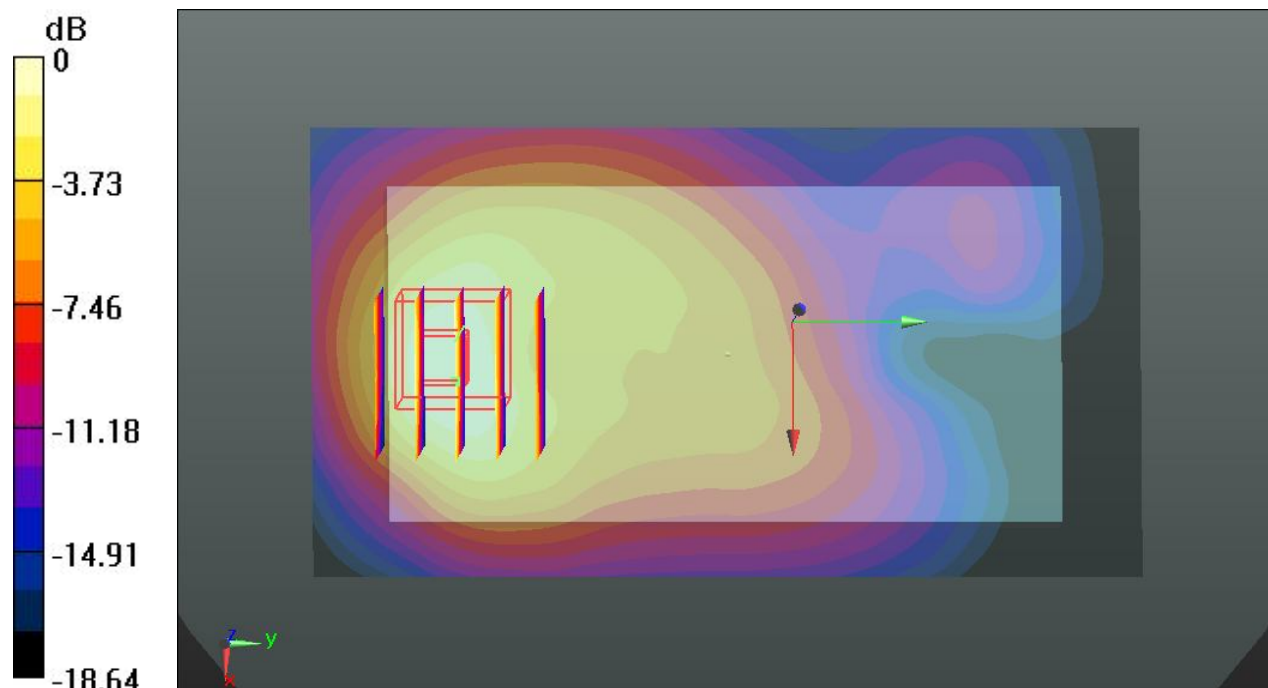
#### Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.286 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 2.149 mW/g

SAR(1 g) = 1.242 mW/g; SAR(10 g) = 0.681 mW/g

Maximum value of SAR (measured) = 1.63 W/kg



0 dB = 1.63 W/kg

### 112 CDMA2000 BC1\_RC3 SO32\_Back\_1cm\_Ch25

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131021 Medium parameters used:  $f = 1851.25$  MHz;  $\sigma = 1.469$  mho/m;  $\epsilon_r = 54.84$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch25/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.83 W/kg

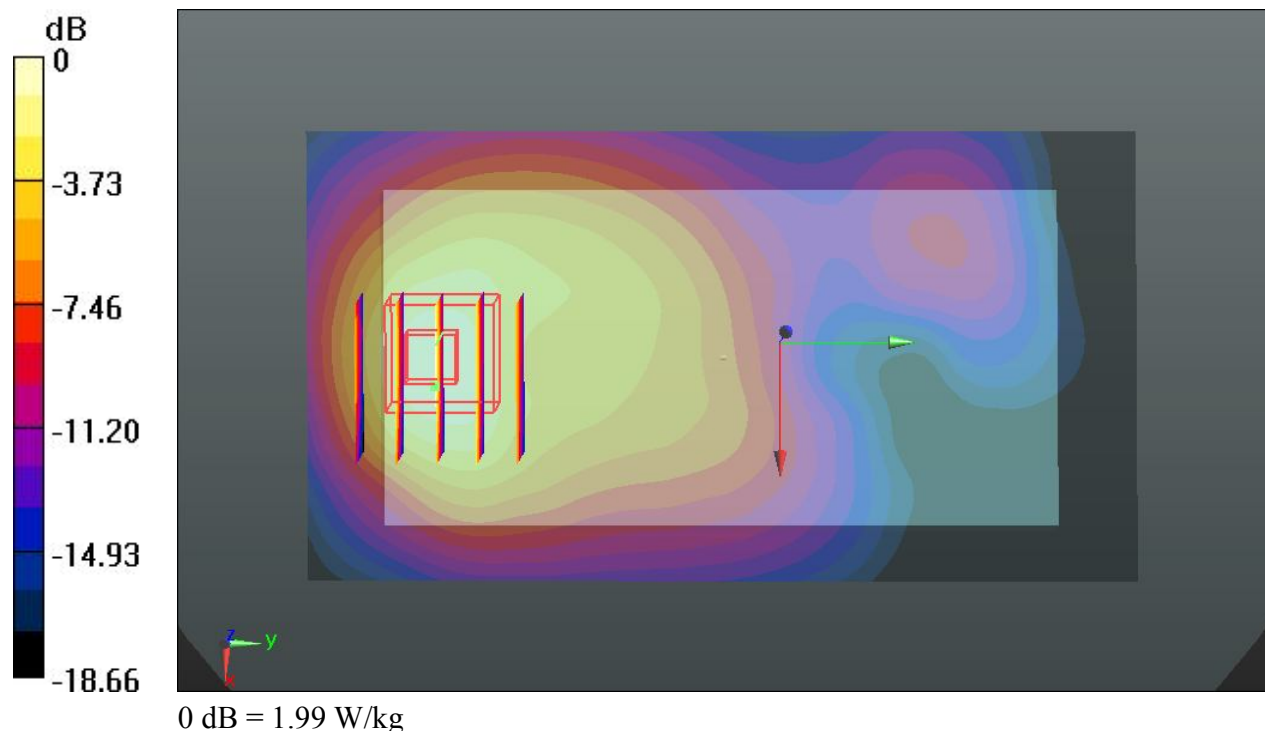
#### Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.578 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.479 mW/g

**SAR(1 g) = 1.462 mW/g; SAR(10 g) = 0.819 mW/g**

Maximum value of SAR (measured) = 1.99 W/kg



### 124 CDMA2000 BC1\_RC3 SO32\_Back\_1cm\_Ch25\_Repeat SAR

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131021 Medium parameters used:  $f = 1851.25$  MHz;  $\sigma = 1.469$  mho/m;  $\epsilon_r = 54.84$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch25/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.85 W/kg

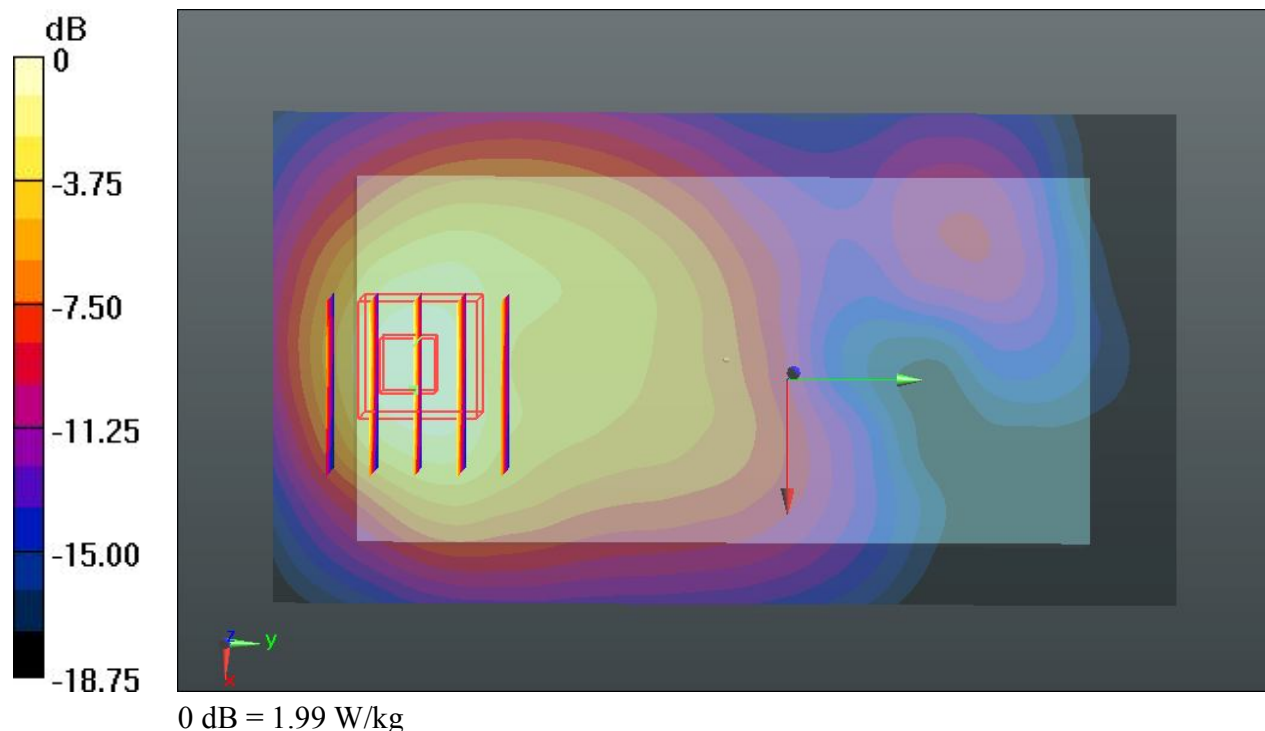
**Ch25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.398 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.415 mW/g

**SAR(1 g) = 1.442 mW/g; SAR(10 g) = 0.787 mW/g**

Maximum value of SAR (measured) = 1.99 W/kg



### 125 CDMA2000 BC1\_RC3 SO32\_Back\_1cm\_Ch25\_Repeat SAR

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131021 Medium parameters used:  $f = 1851.25$  MHz;  $\sigma = 1.469$  mho/m;  $\epsilon_r = 54.84$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch25/Area Scan (61x111x1):** Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.74 W/kg

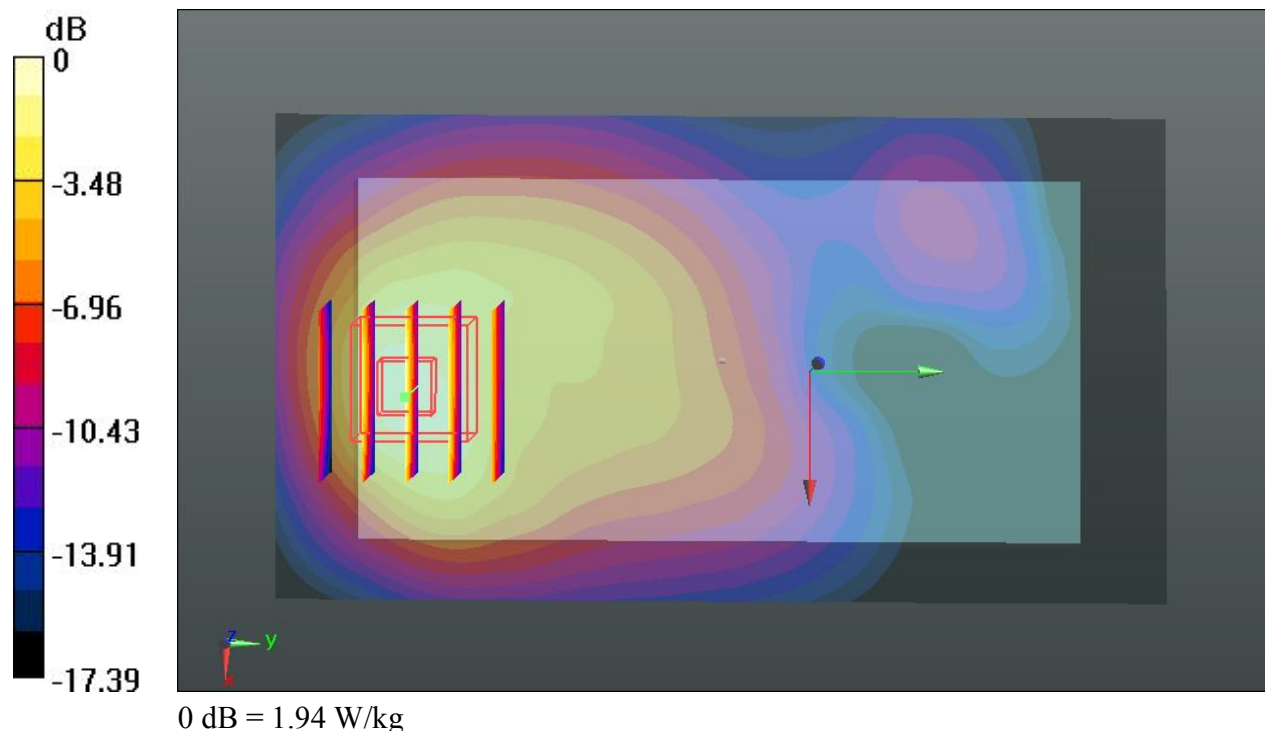
**Ch25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.262 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.325 mW/g

**SAR(1 g) = 1.43 mW/g; SAR(10 g) = 0.814 mW/g**

Maximum value of SAR (measured) = 1.94 W/kg



### 113 CDMA2000 BC1\_RC3 SO32\_Back\_1cm\_Ch600

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131021 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.507$  mho/m;  $\epsilon_r = 54.733$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch600/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.82 W/kg

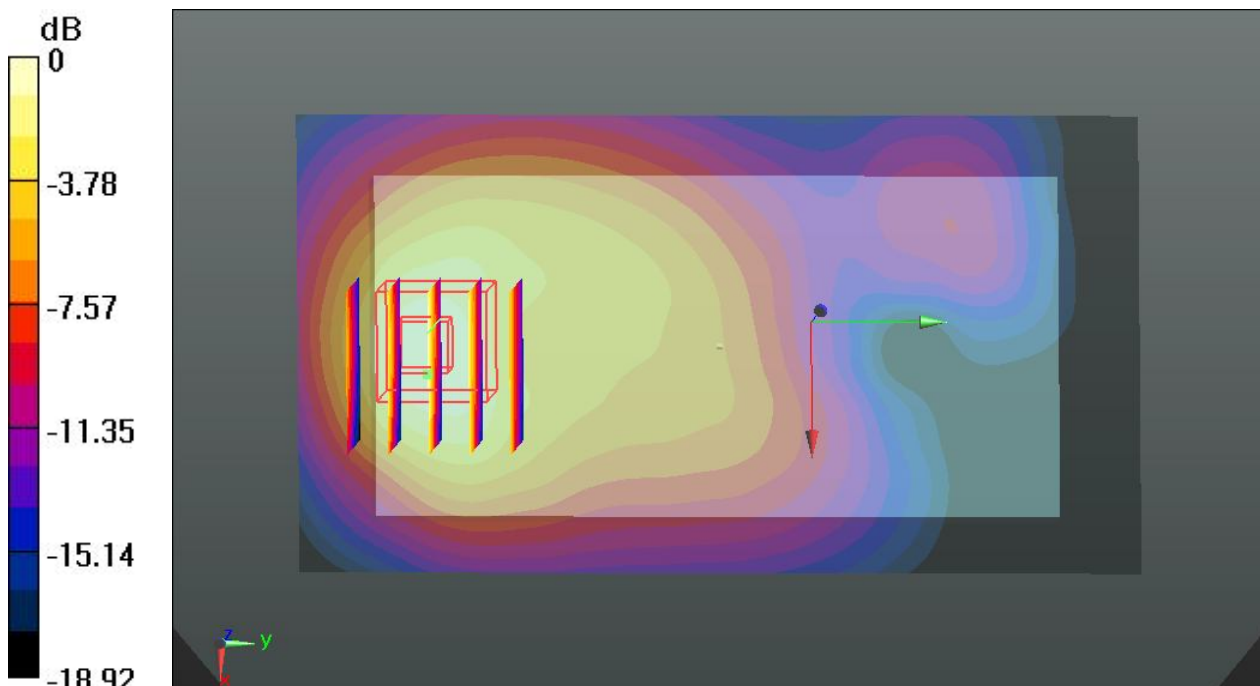
#### Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.887 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.457 mW/g

SAR(1 g) = 1.442 mW/g; SAR(10 g) = 0.798 mW/g

Maximum value of SAR (measured) = 1.96 W/kg



0 dB = 1.96 W/kg

### 114 CDMA2000 BC1\_RC3 SO32\_Back\_1cm\_Ch1175\_Headset

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131021 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.543$  mho/m;  $\epsilon_r = 54.589$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch1175/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.55 W/kg

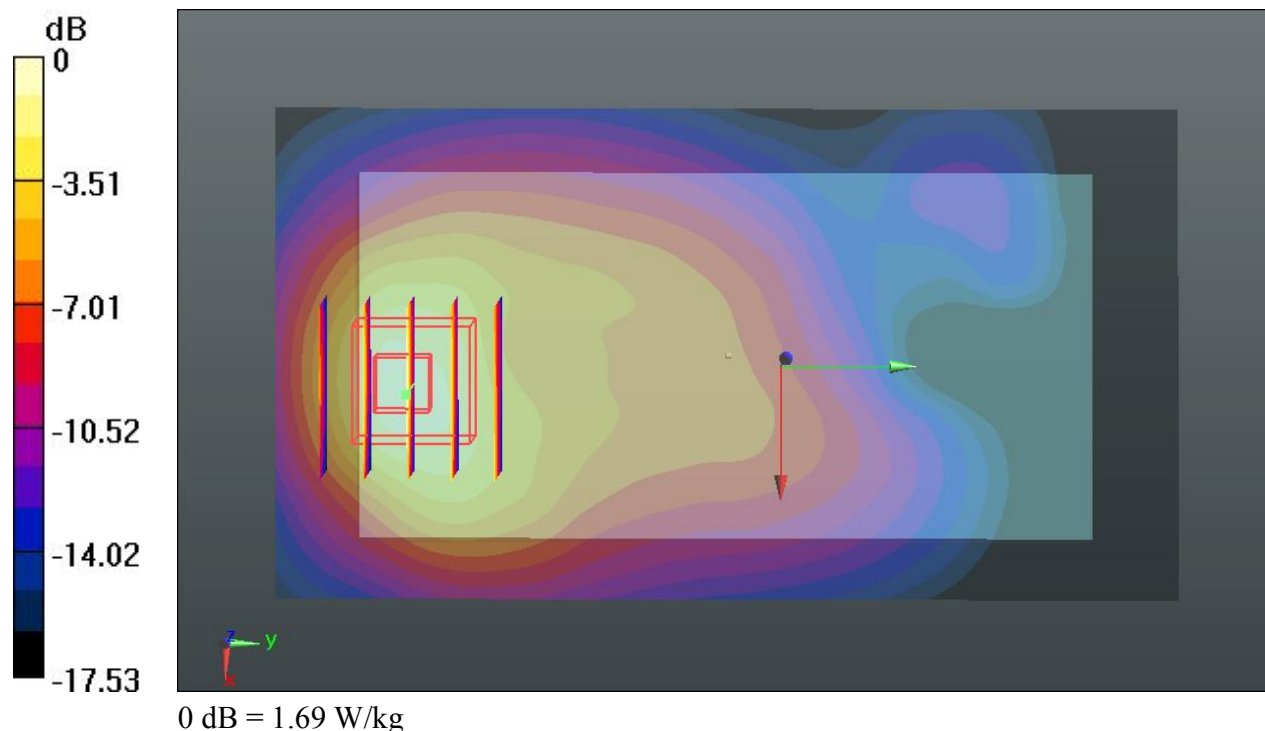
#### Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.400 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.055 mW/g

**SAR(1 g) = 1.242 mW/g; SAR(10 g) = 0.694 mW/g**

Maximum value of SAR (measured) = 1.69 W/kg





### 115 CDMA2000 BC1\_RC3 SO32\_Back\_1cm\_Ch25\_Headset

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131021 Medium parameters used:  $f = 1851.25$  MHz;  $\sigma = 1.469$  mho/m;  $\epsilon_r = 54.84$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch25/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.47 W/kg

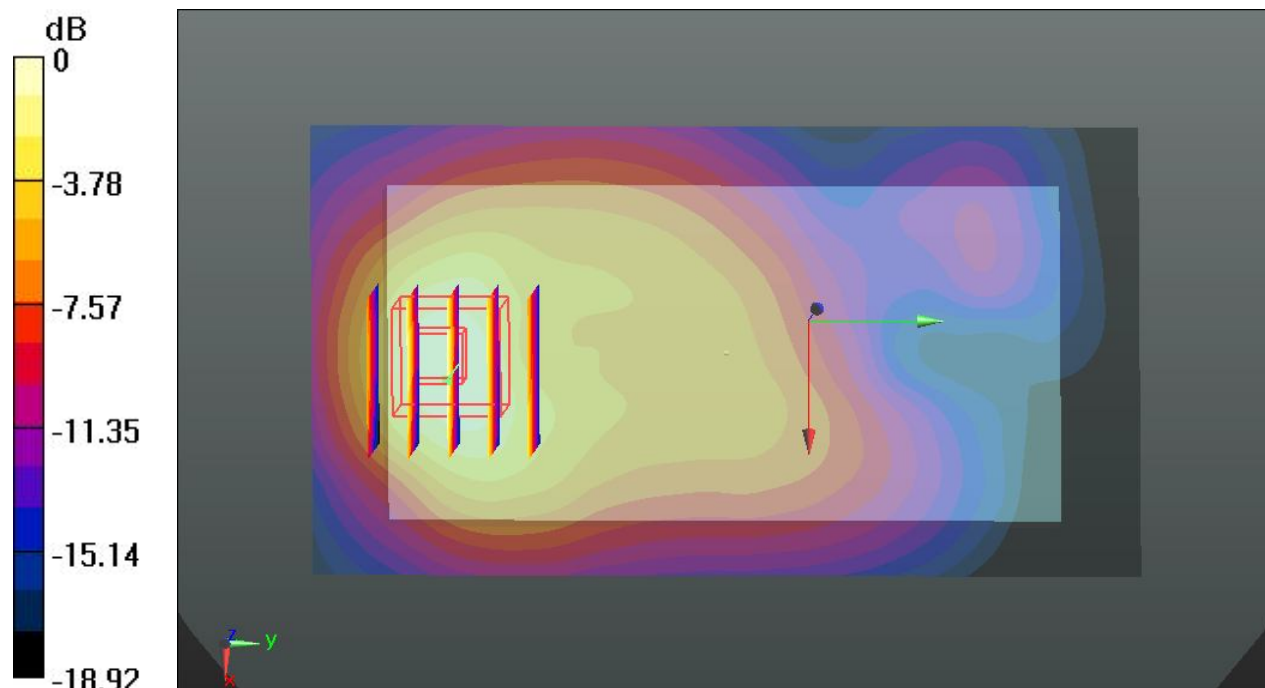
#### Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.946 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.929 mW/g

**SAR(1 g) = 1.122 mW/g; SAR(10 g) = 0.606 mW/g**

Maximum value of SAR (measured) = 1.51 W/kg



0 dB = 1.51 W/kg

### 116 CDMA2000 BC1\_RC3 SO32\_Back\_1cm\_Ch600\_Headset

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131021 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.507$  mho/m;  $\epsilon_r = 54.733$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch600/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.71 W/kg

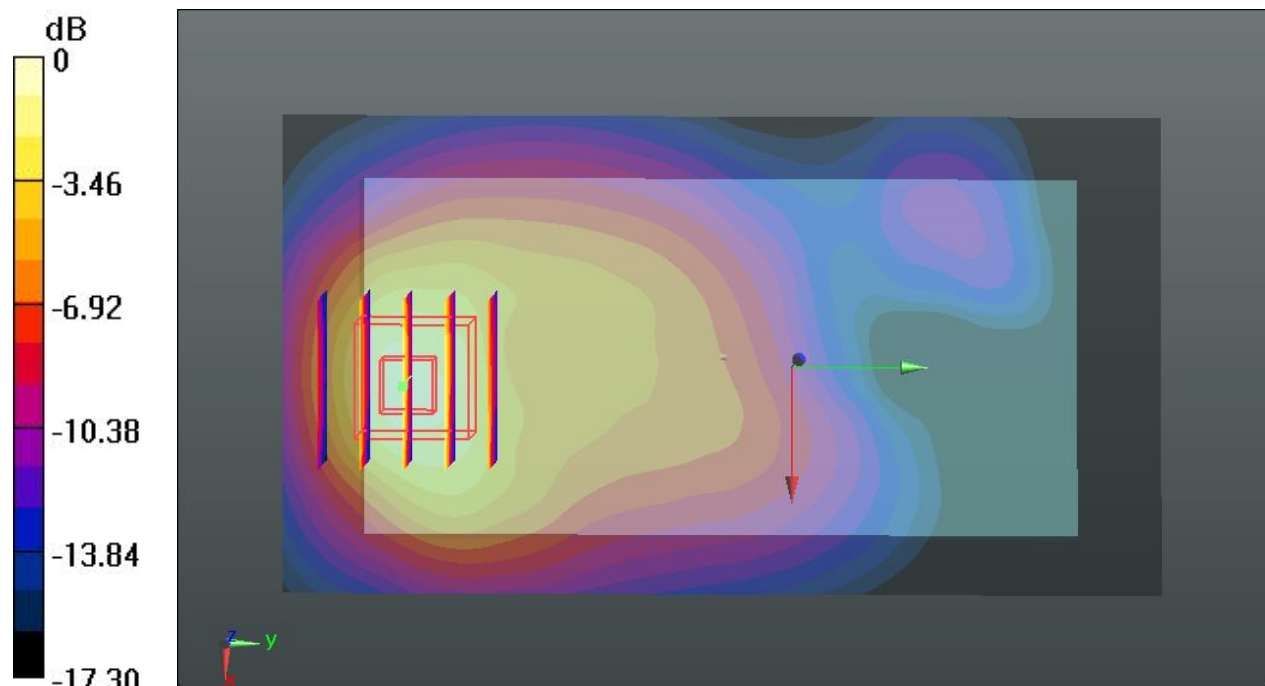
#### Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.003 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.289 mW/g

**SAR(1 g) = 1.352 mW/g; SAR(10 g) = 0.774 mW/g**

Maximum value of SAR (measured) = 1.89 W/kg



0 dB = 1.89 W/kg

### 118 CDMA2000 BC1\_RETAP 4096\_Back\_1cm\_Ch1175

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131021 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.543$  mho/m;  $\epsilon_r = 54.589$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch1175/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.51 W/kg

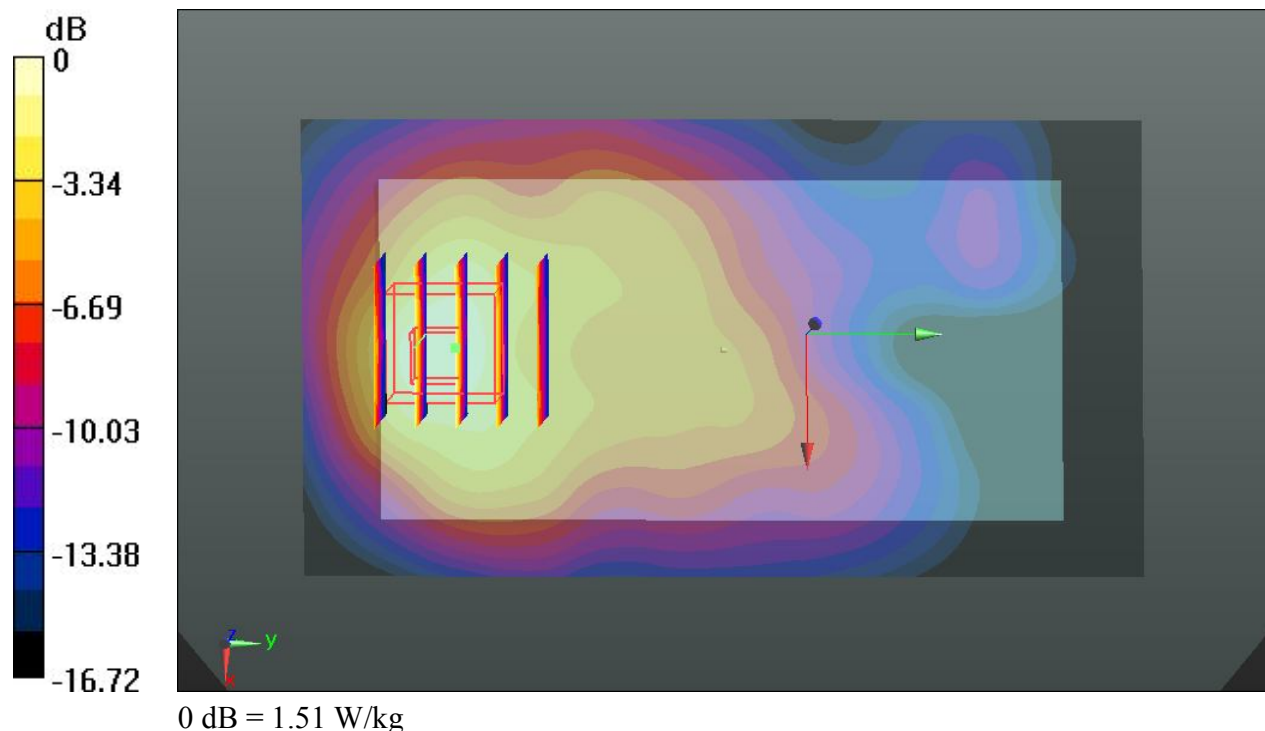
#### Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.209 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.545 mW/g

**SAR(1 g) = 1.112 mW/g; SAR(10 g) = 0.626 mW/g**

Maximum value of SAR (measured) = 1.51 W/kg



### 119 CDMA2000 BC1\_RETAP 4096\_Back\_1cm\_Ch25

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131021 Medium parameters used:  $f = 1851.25$  MHz;  $\sigma = 1.469$  mho/m;  $\epsilon_r = 54.84$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch25/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.71 W/kg

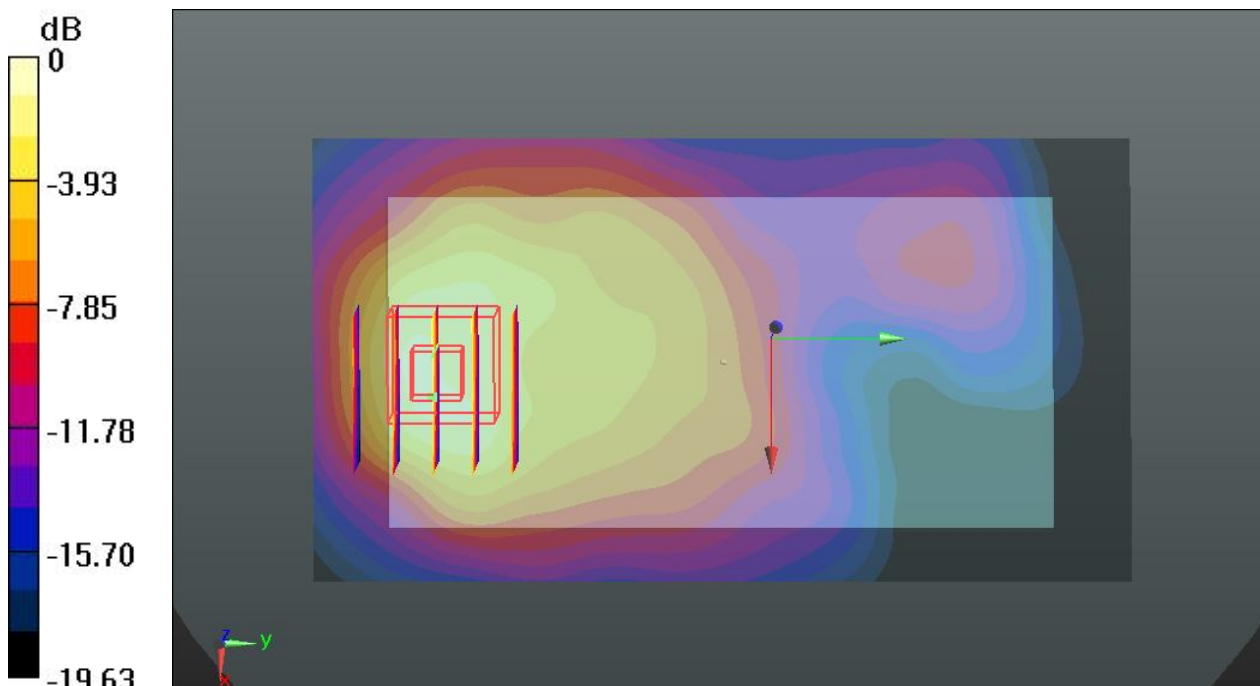
#### Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.397 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.412 mW/g

**SAR(1 g) = 1.442 mW/g; SAR(10 g) = 0.786 mW/g**

Maximum value of SAR (measured) = 2.08 W/kg



0 dB = 2.08 W/kg

### 120 CDMA2000 BC1\_RETAP 4096\_Back\_1cm\_Ch600

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131021 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.507$  mho/m;  $\epsilon_r = 54.733$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch600/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.76 W/kg

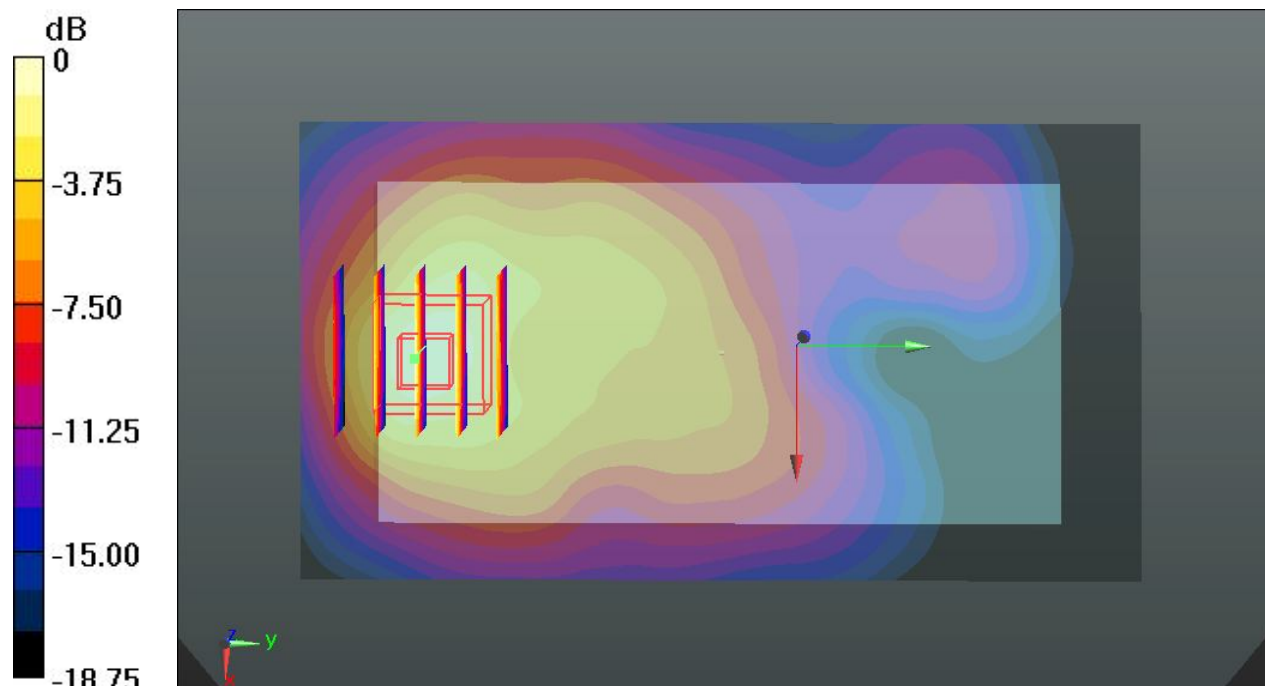
#### Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.806 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 2.479 mW/g

**SAR(1 g) = 1.412 mW/g; SAR(10 g) = 0.761 mW/g**

Maximum value of SAR (measured) = 1.97 W/kg



0 dB = 1.97 W/kg

### 121 CDMA2000 BC1\_RETAP 4096\_Back\_1cm\_Ch1175\_Headset

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131021 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.543$  mho/m;  $\epsilon_r = 54.589$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch1175/Area Scan (61x11x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.47 W/kg

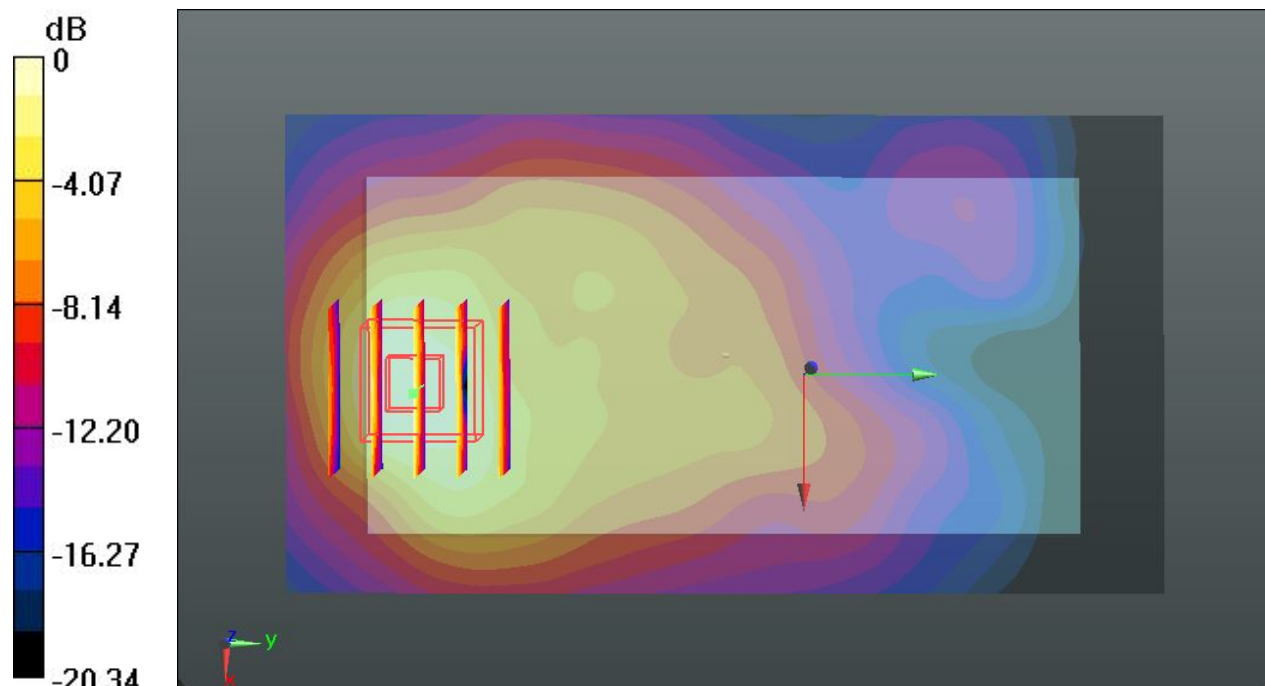
#### Ch1175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.989 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.033 mW/g

**SAR(1 g) = 1.052 mW/g; SAR(10 g) = 0.586 mW/g**

Maximum value of SAR (measured) = 1.47 W/kg



0 dB = 1.47 W/kg

### 122 CDMA2000 BC1\_RETAP 4096\_Back\_1cm\_Ch25\_Headset

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131021 Medium parameters used:  $f = 1851.25$  MHz;  $\sigma = 1.469$  mho/m;  $\epsilon_r = 54.84$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch25/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.68 W/kg

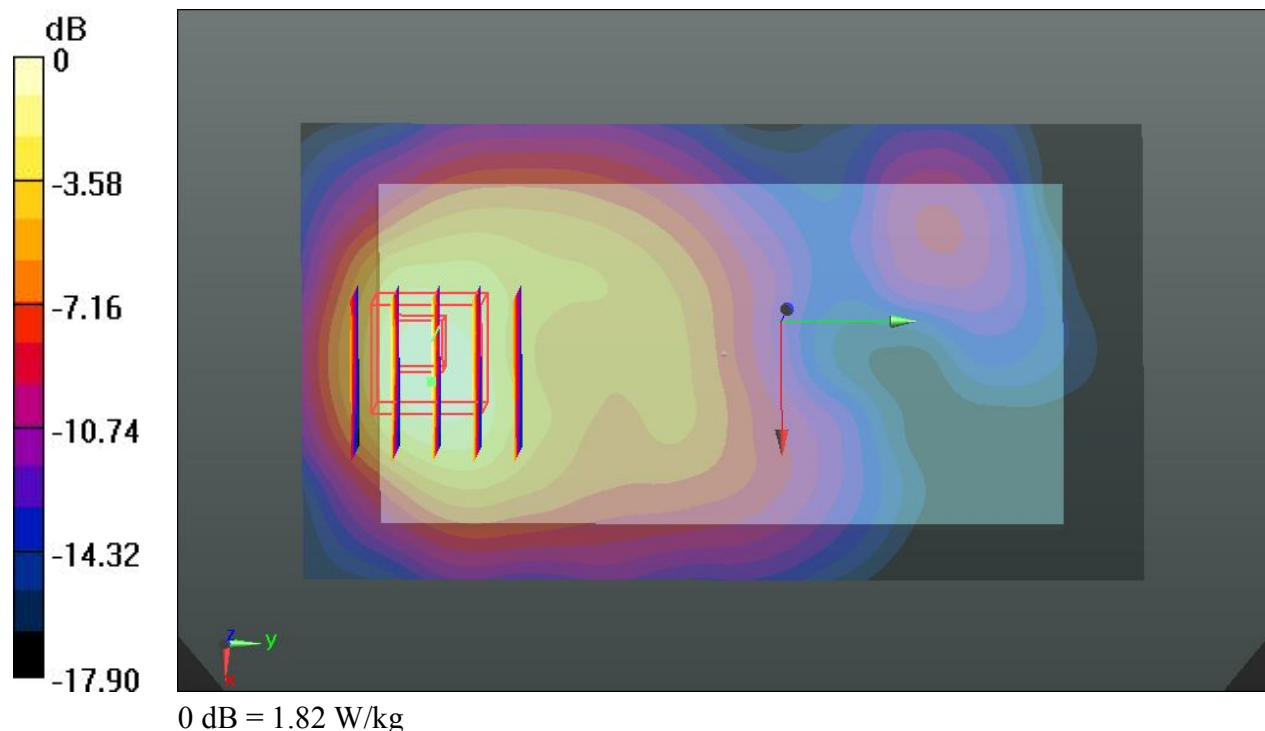
#### Ch25/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.036 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.997 mW/g

**SAR(1 g) = 1.292 mW/g; SAR(10 g) = 0.688 mW/g**

Maximum value of SAR (measured) = 1.82 W/kg



### 123 CDMA2000 BC1\_RETAP 4096\_Back\_1cm\_Ch600\_Headset

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_131021 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.507$  mho/m;  $\epsilon_r = 54.733$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch600/Area Scan (61x111x1): Interpolated grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.48 W/kg

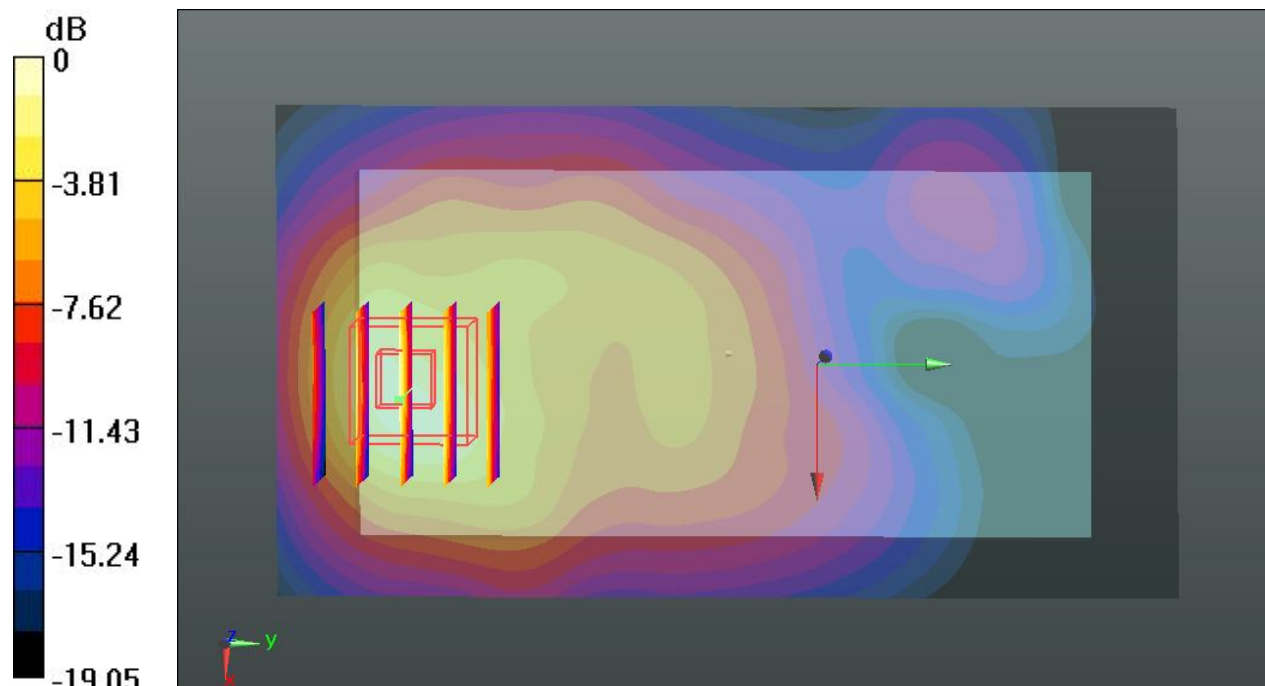
#### Ch600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.884 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.259 mW/g

**SAR(1 g) = 1.322 mW/g; SAR(10 g) = 0.715 mW/g**

Maximum value of SAR (measured) = 1.74 W/kg



0 dB = 1.74 W/kg



### 135 WLAN2.4GHz\_802.11b\_Back\_1cm\_Ch6\_Headset

Communication System: WIFI; Frequency: 2437 MHz; Duty Cycle: 1:1.025  
Medium: MSL\_2450\_131022 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.931$  mho/m;  $\epsilon_r = 51.715$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.21, 7.21, 7.21); Calibrated: 2012.11.26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012.11.22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

#### Ch6/Area Scan (81x131x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.147 W/kg

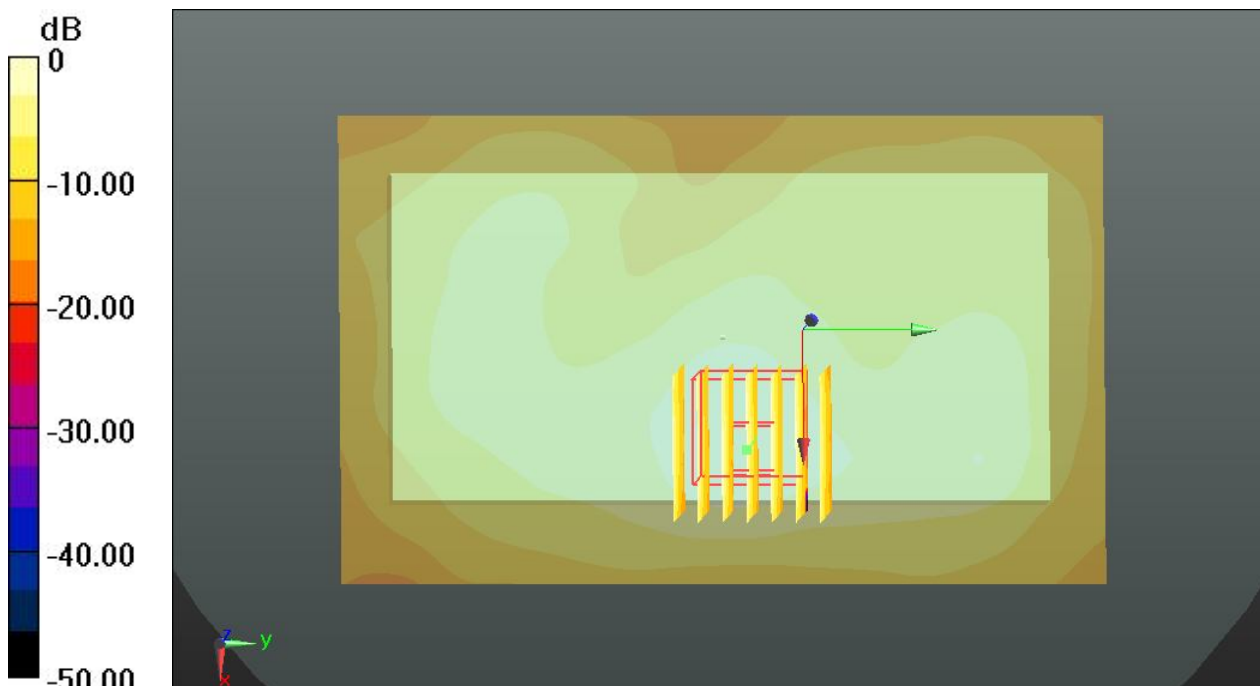
#### Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.714 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.202 mW/g

**SAR(1 g) = 0.095 mW/g; SAR(10 g) = 0.049 mW/g**

Maximum value of SAR (measured) = 0.138 W/kg



0 dB = 0.138 W/kg