

**#01 GSM850\_Right Cheek\_Ch251**

**DUT: 002701**

Communication System: Generic GSM; Frequency: 848.6 MHz; Duty Cycle: 1:8.3

Medium: HSL\_835\_101103 Medium parameters used:  $f = 848.6 \text{ MHz}$ ;  $\sigma = 0.913 \text{ mho/m}$ ;  $\epsilon_r = 40.6$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.4^\circ\text{C}$ ; Liquid Temperature :  $21.3^\circ\text{C}$

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(8.32, 8.32, 8.32); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch251/Area Scan (51x91x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.414 \text{ mW/g}$

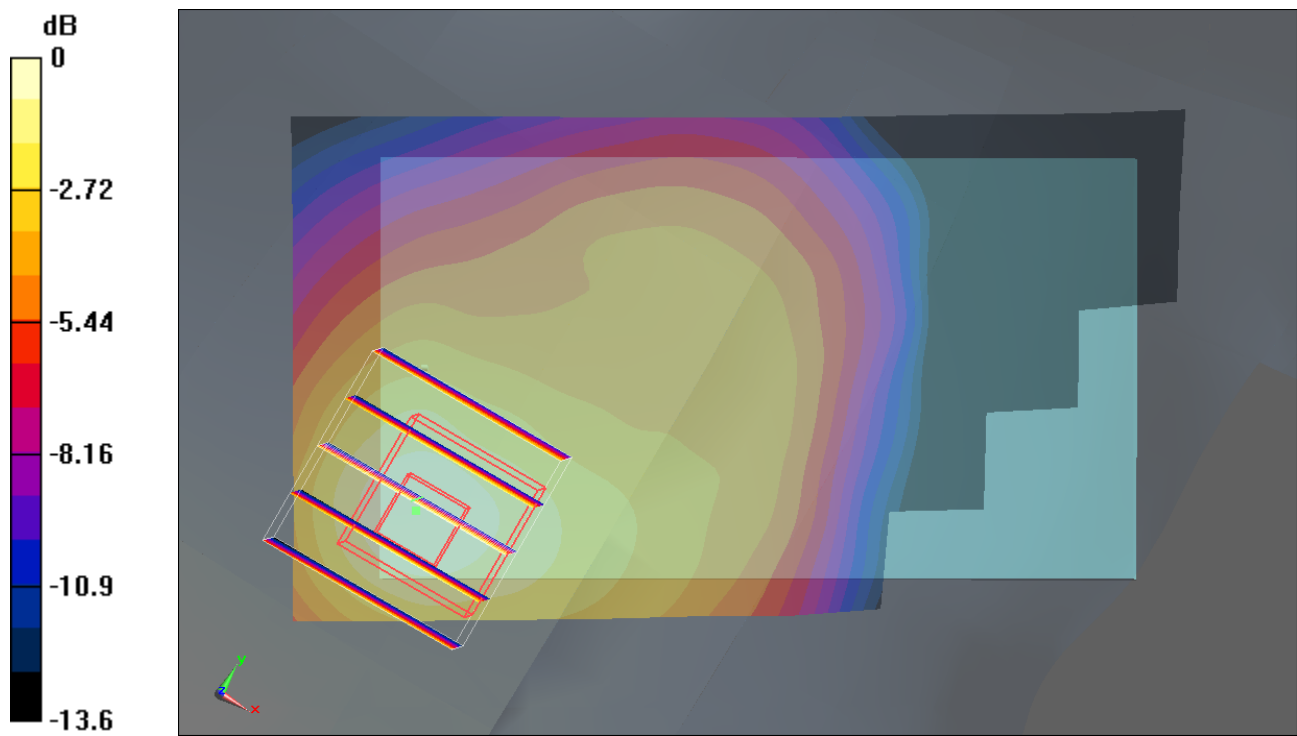
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $15.2 \text{ V/m}$ ; Power Drift =  $0.00587 \text{ dB}$

Peak SAR (extrapolated) =  $0.622 \text{ W/kg}$

**SAR(1 g) =  $0.365 \text{ mW/g}$ ; SAR(10 g) =  $0.215 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.398 \text{ mW/g}$



0 dB = 0.398mW/g

## **#02 GSM850\_Right Tilted\_Ch251**

### **DUT: 002701**

Communication System: Generic GSM; Frequency: 848.6 MHz; Duty Cycle: 1:8.3

Medium: HSL\_835\_101103 Medium parameters used:  $f = 848.6 \text{ MHz}$ ;  $\sigma = 0.913 \text{ mho/m}$ ;  $\epsilon_r = 40.6$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.4^\circ\text{C}$ ; Liquid Temperature :  $21.3^\circ\text{C}$

#### **DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(8.32, 8.32, 8.32); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch251/Area Scan (51x91x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.450 \text{ mW/g}$

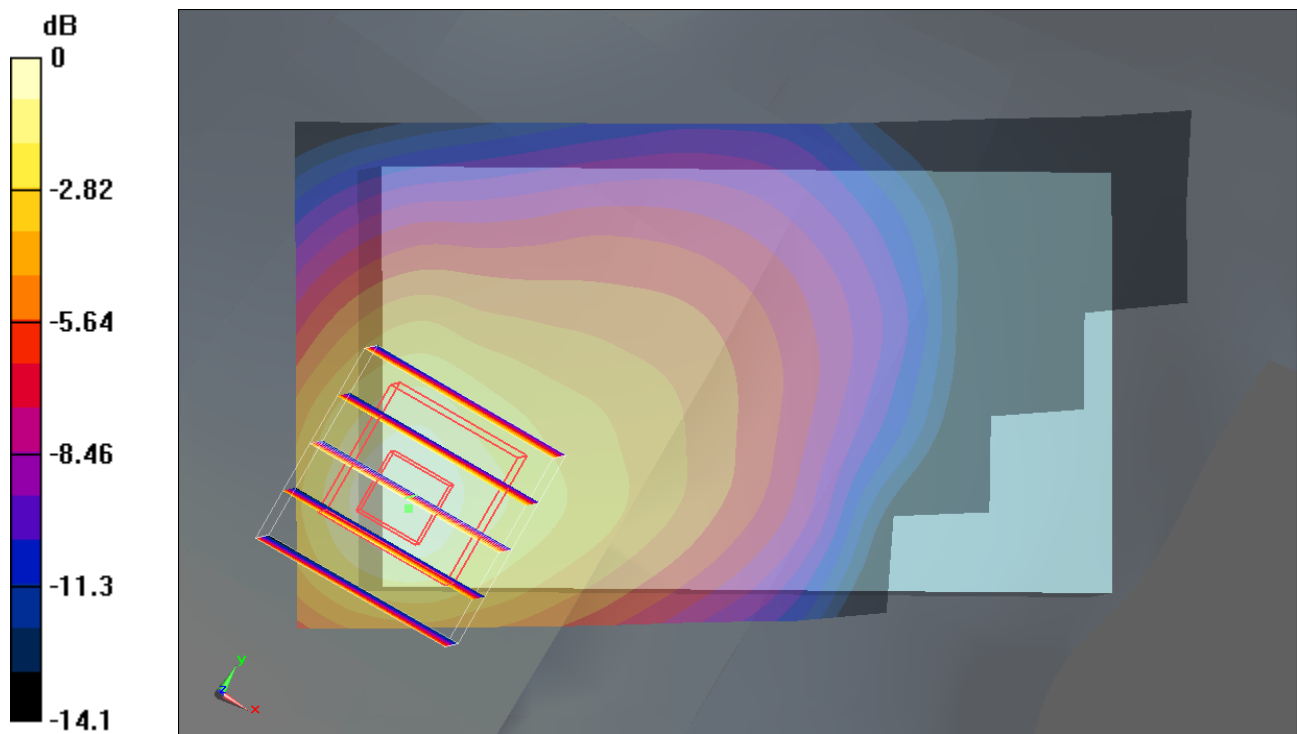
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $17.1 \text{ V/m}$ ; Power Drift =  $-0.034 \text{ dB}$

Peak SAR (extrapolated) =  $0.689 \text{ W/kg}$

**SAR(1 g) =  $0.393 \text{ mW/g}$ ; SAR(10 g) =  $0.228 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.443 \text{ mW/g}$



0 dB = 0.443mW/g

**#02 GSM850\_Right Tilted\_Ch251\_2D**

**DUT: 002701**

Communication System: Generic GSM; Frequency: 848.6 MHz; Duty Cycle: 1:8.3

Medium: HSL\_835\_101103 Medium parameters used:  $f = 848.6$  MHz;  $\sigma = 0.913$  mho/m;  $\epsilon_r = 40.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.3 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(8.32, 8.32, 8.32); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch251/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.450 mW/g

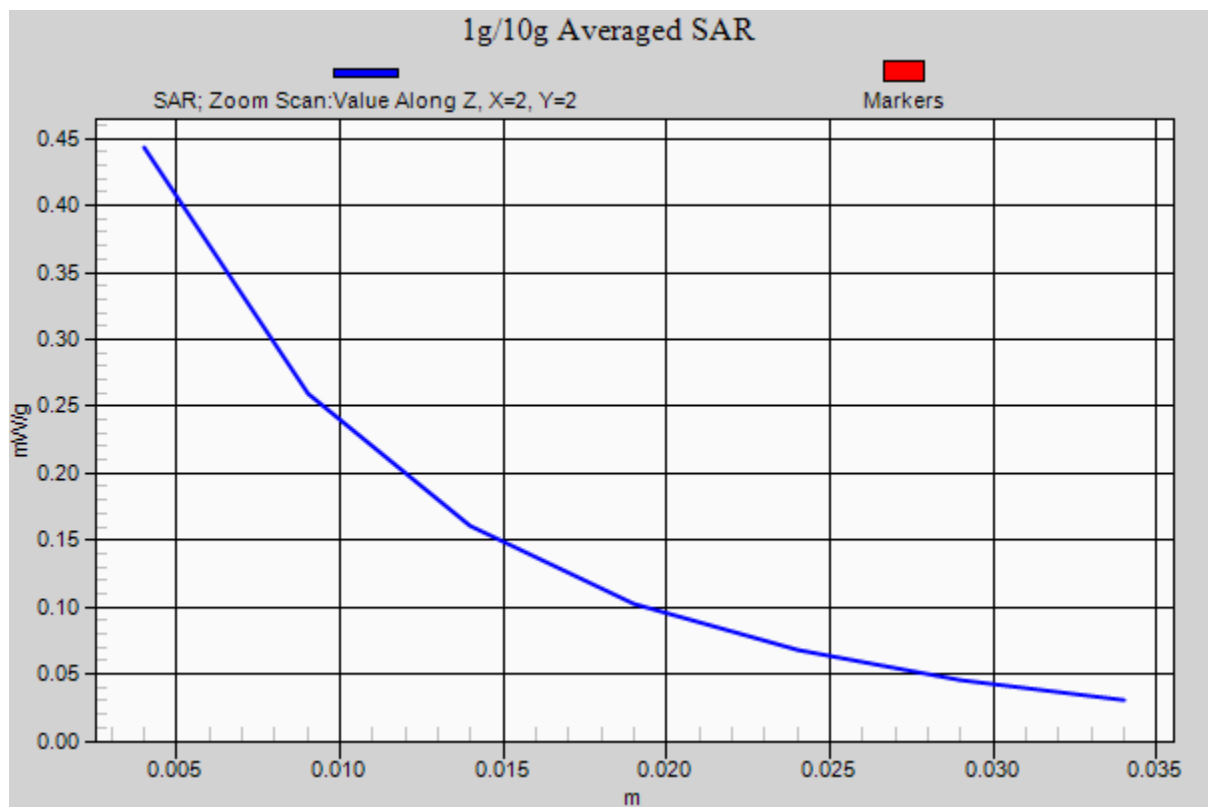
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.1 V/m; Power Drift = -0.034 dB

Peak SAR (extrapolated) = 0.689 W/kg

**SAR(1 g) = 0.393 mW/g; SAR(10 g) = 0.228 mW/g**

Maximum value of SAR (measured) = 0.443 mW/g



**#03 GSM850\_Left Cheek\_Ch251**

**DUT: 002701**

Communication System: Generic GSM; Frequency: 848.6 MHz; Duty Cycle: 1:8.3

Medium: HSL\_835\_101103 Medium parameters used:  $f = 848.6 \text{ MHz}$ ;  $\sigma = 0.913 \text{ mho/m}$ ;  $\epsilon_r = 40.6$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.4^\circ\text{C}$ ; Liquid Temperature :  $21.3^\circ\text{C}$

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(8.32, 8.32, 8.32); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch251/Area Scan (51x91x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.278 \text{ mW/g}$

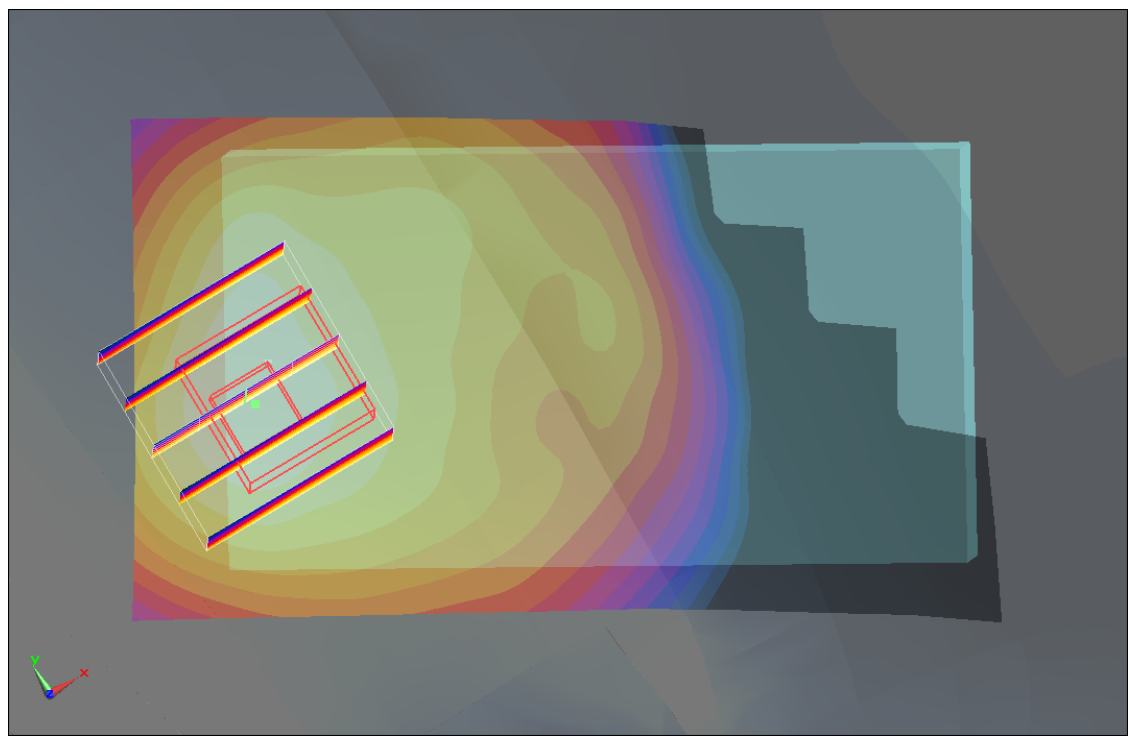
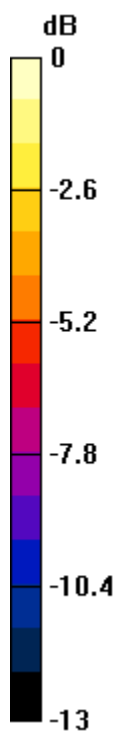
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $16.9 \text{ V/m}$ ; Power Drift =  $-0.106 \text{ dB}$

Peak SAR (extrapolated) =  $0.384 \text{ W/kg}$

**SAR(1 g) =  $0.248 \text{ mW/g}$ ; SAR(10 g) =  $0.163 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.267 \text{ mW/g}$



0 dB = 0.267mW/g



**#04 GSM850\_Left Tilted\_Ch251**

**DUT: 002701**

Communication System: Generic GSM; Frequency: 848.6 MHz; Duty Cycle: 1:8.3

Medium: HSL\_835\_101103 Medium parameters used:  $f = 848.6 \text{ MHz}$ ;  $\sigma = 0.913 \text{ mho/m}$ ;  $\epsilon_r = 40.6$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.4^\circ\text{C}$ ; Liquid Temperature :  $21.3^\circ\text{C}$

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(8.32, 8.32, 8.32); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch251/Area Scan (51x91x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.301 \text{ mW/g}$

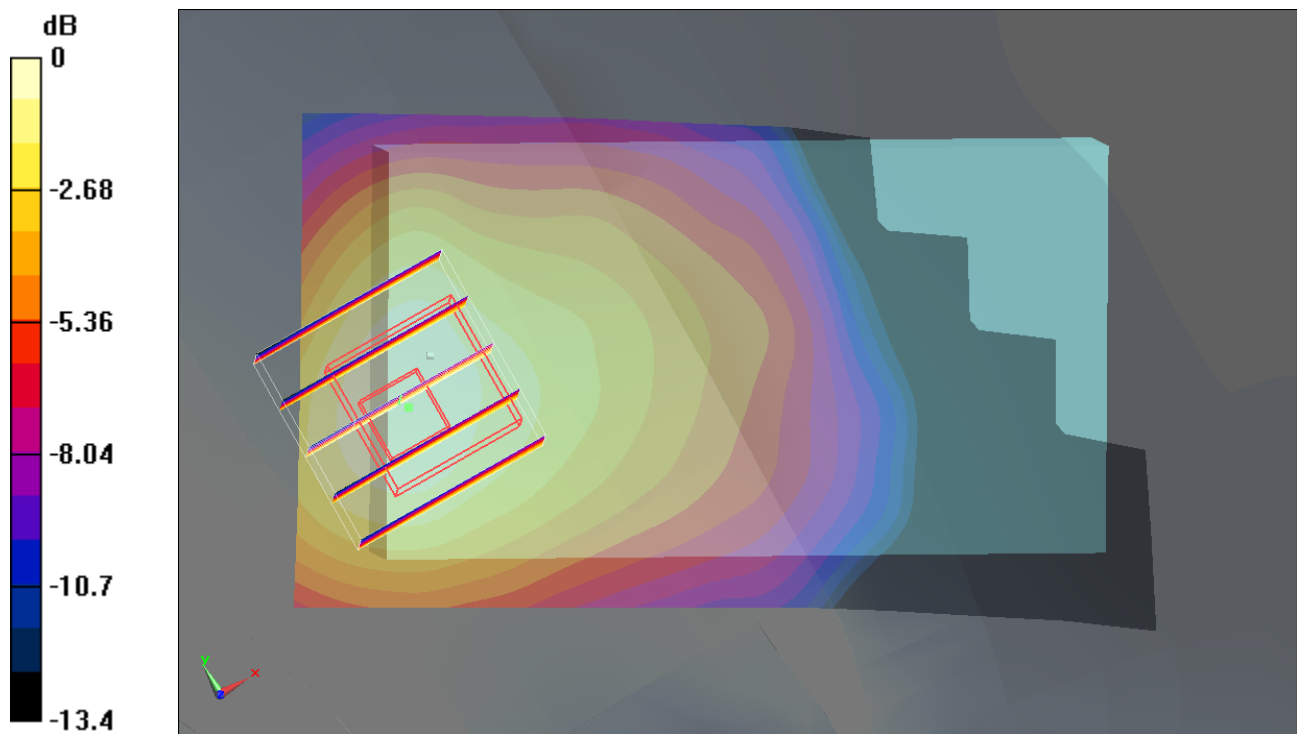
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $16.9 \text{ V/m}$ ; Power Drift =  $-0.079 \text{ dB}$

Peak SAR (extrapolated) =  $0.408 \text{ W/kg}$

**SAR(1 g) =  $0.267 \text{ mW/g}$ ; SAR(10 g) =  $0.173 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.291 \text{ mW/g}$



0 dB = 0.291mW/g

**#09 GSM1900\_Right Cheek\_Ch810**

**DUT: 002701**

Communication System: Generic GSM; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_101103 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 39.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.2 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(7.32, 7.32, 7.32); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch810/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

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

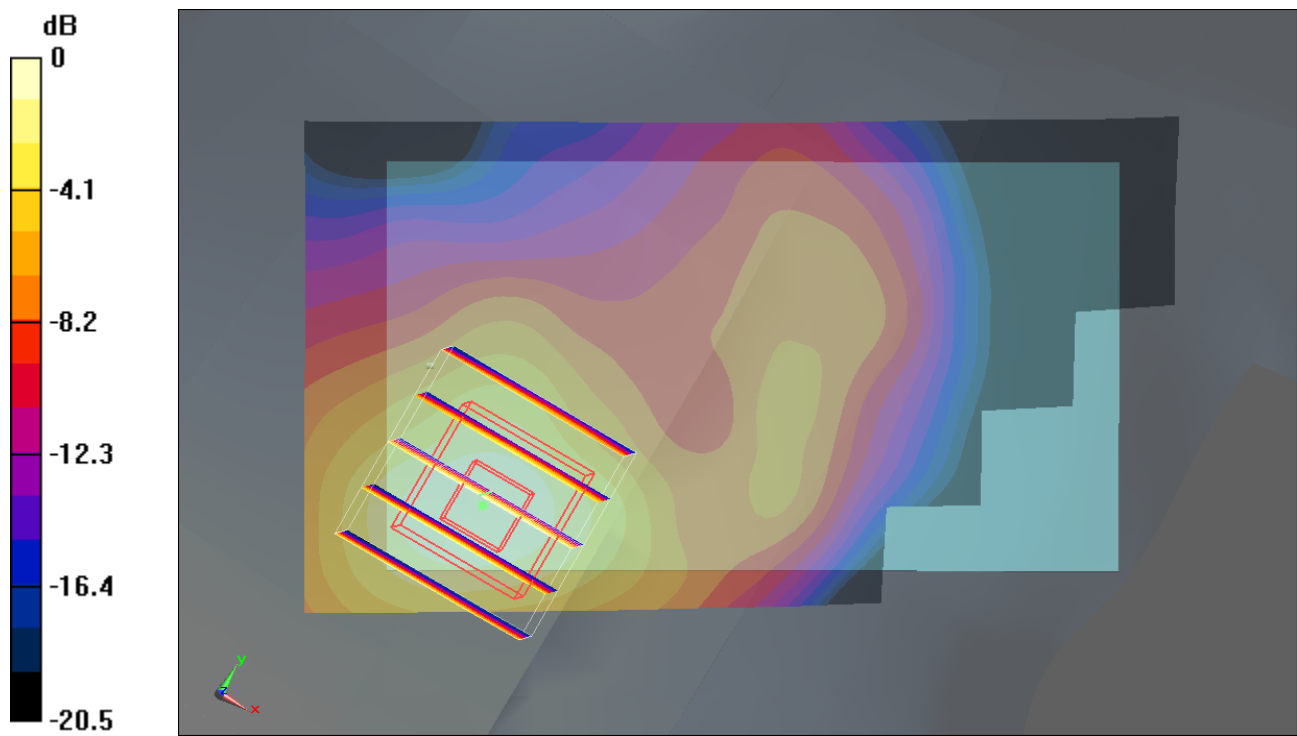
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.12 V/m; Power Drift = -0.142 dB

Peak SAR (extrapolated) = 0.689 W/kg

**SAR(1 g) = 0.397 mW/g; SAR(10 g) = 0.211 mW/g**

Maximum value of SAR (measured) = 0.436 mW/g



**#10 GSM1900\_Right Tilted\_Ch810**

**DUT: 002701**

Communication System: Generic GSM; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_101103 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 39.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.2 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(7.32, 7.32, 7.32); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch810/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.433 mW/g

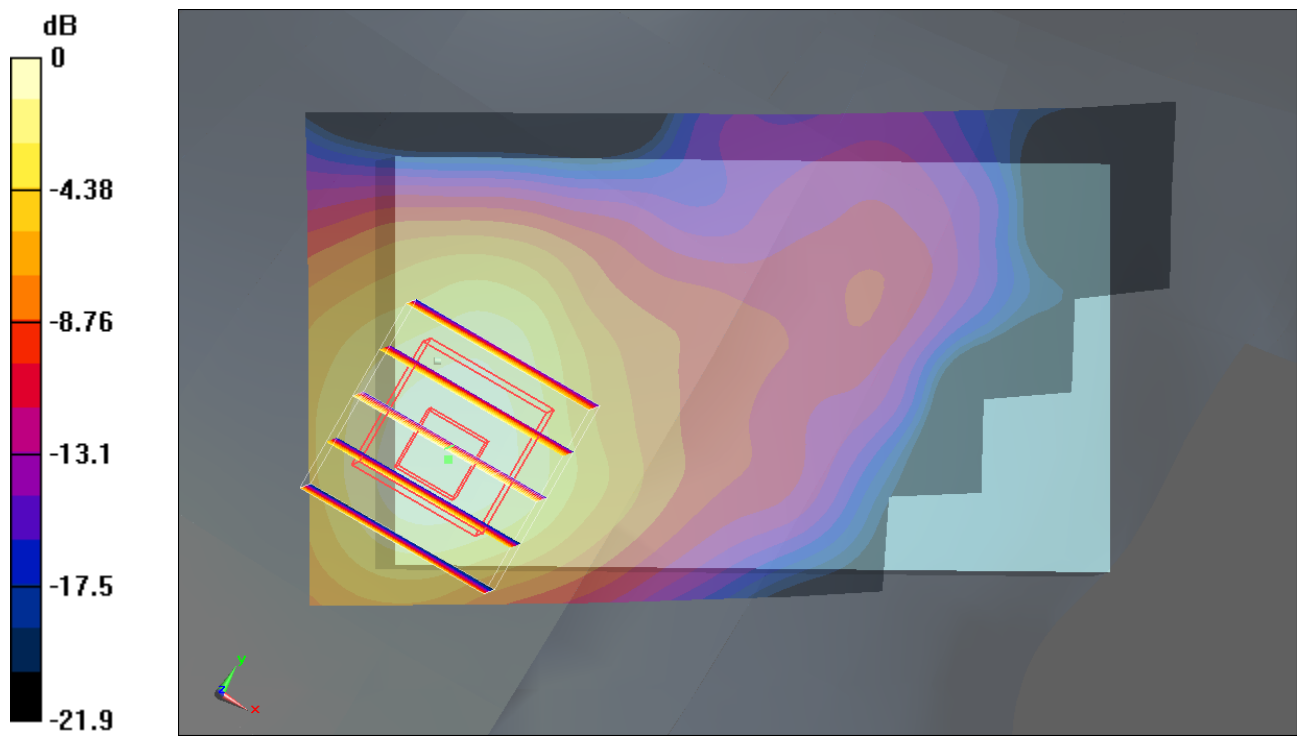
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.3 V/m; Power Drift = 0.053 dB

Peak SAR (extrapolated) = 0.718 W/kg

**SAR(1 g) = 0.406 mW/g; SAR(10 g) = 0.223 mW/g**

Maximum value of SAR (measured) = 0.441 mW/g



0 dB = 0.441mW/g

**#10 GSM1900\_Right Tilted\_Ch810\_2D**

**DUT: 002701**

Communication System: Generic GSM; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_101103 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 39.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.2 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(7.32, 7.32, 7.32); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch810/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.433 mW/g

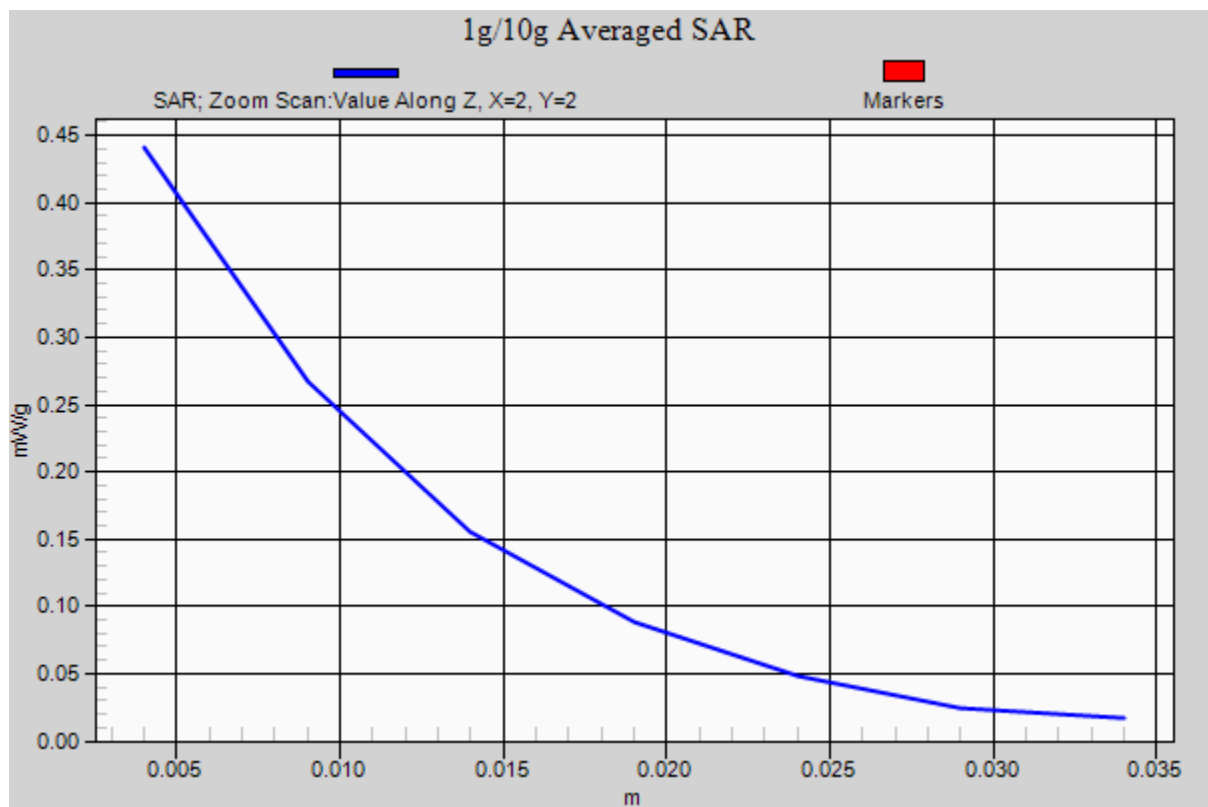
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.3 V/m; Power Drift = 0.053 dB

Peak SAR (extrapolated) = 0.718 W/kg

**SAR(1 g) = 0.406 mW/g; SAR(10 g) = 0.223 mW/g**

Maximum value of SAR (measured) = 0.441 mW/g





## **#11 GSM1900\_Left Cheek\_Ch810**

### **DUT: 002701**

Communication System: Generic GSM; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_101103 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 39.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.2 °C

#### **DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(7.32, 7.32, 7.32); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

#### **Ch810/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.253 mW/g

#### **Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.8 V/m; Power Drift = -0.017 dB

Peak SAR (extrapolated) = 0.382 W/kg

**SAR(1 g) = 0.234 mW/g; SAR(10 g) = 0.140 mW/g**

Maximum value of SAR (measured) = 0.254 mW/g

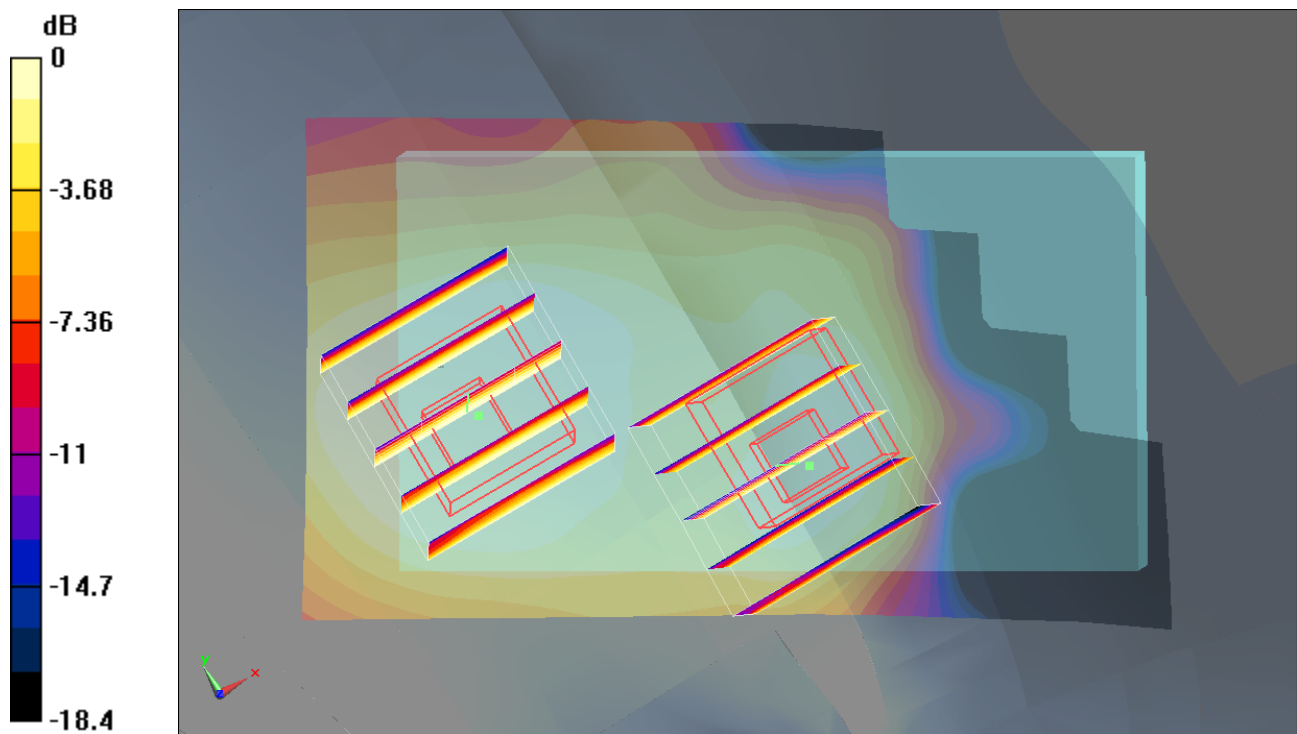
#### **Ch810/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.8 V/m; Power Drift = -0.017 dB

Peak SAR (extrapolated) = 0.218 W/kg

**SAR(1 g) = 0.139 mW/g; SAR(10 g) = 0.084 mW/g**

Maximum value of SAR (measured) = 0.157 mW/g



0 dB = 0.157mW/g

## **#12 GSM1900\_Left Tilted\_Ch810**

### **DUT: 002701**

Communication System: Generic GSM; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_101103 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.45$  mho/m;  $\epsilon_r = 39.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.2 °C

#### **DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(7.32, 7.32, 7.32); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch810/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.332 mW/g

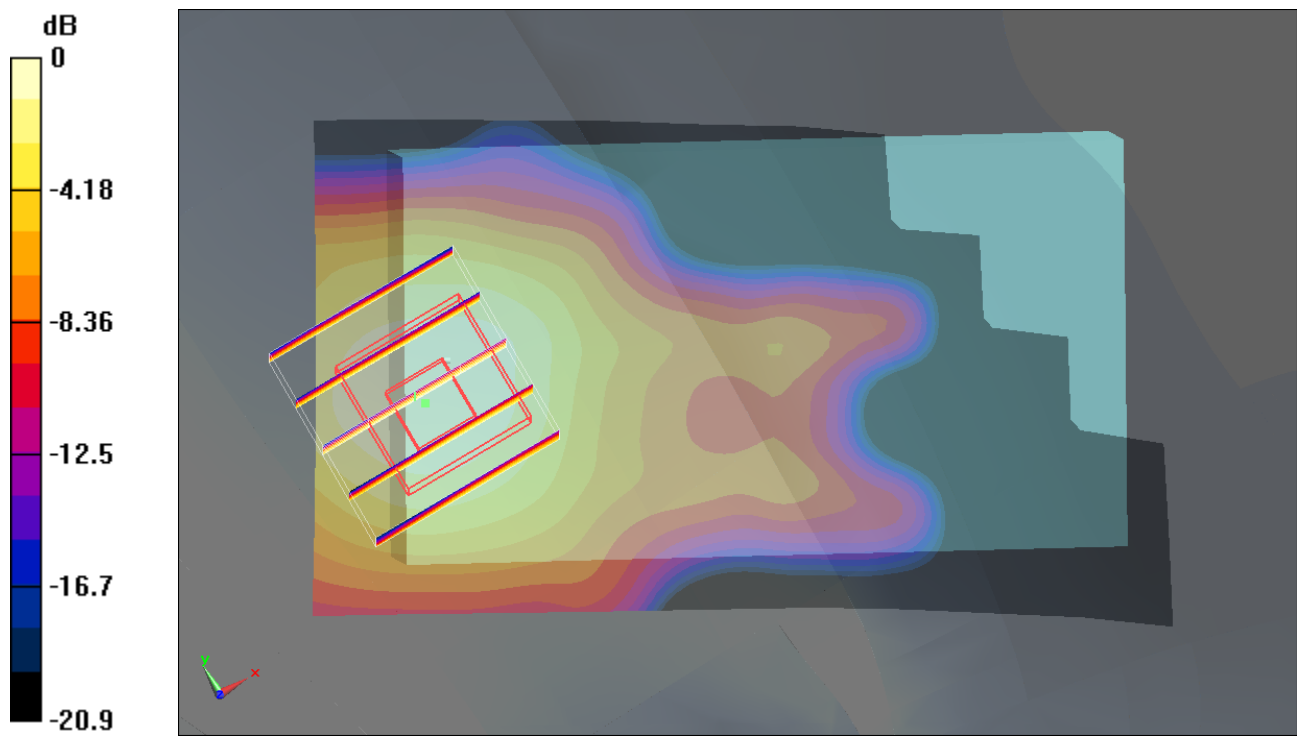
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.5 V/m; Power Drift = 0.105 dB

Peak SAR (extrapolated) = 0.485 W/kg

**SAR(1 g) = 0.301 mW/g; SAR(10 g) = 0.176 mW/g**

Maximum value of SAR (measured) = 0.320 mW/g



**#05 WCDMA V\_RMC 12.2K\_Right Cheek\_Ch4132**

**DUT: 002701**

Communication System: UMTS; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: HSL\_835\_101103 Medium parameters used:  $f = 826.5$  MHz;  $\sigma = 0.894$  mho/m;  $\epsilon_r = 40.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.3 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(8.32, 8.32, 8.32); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch4132/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.215 mW/g

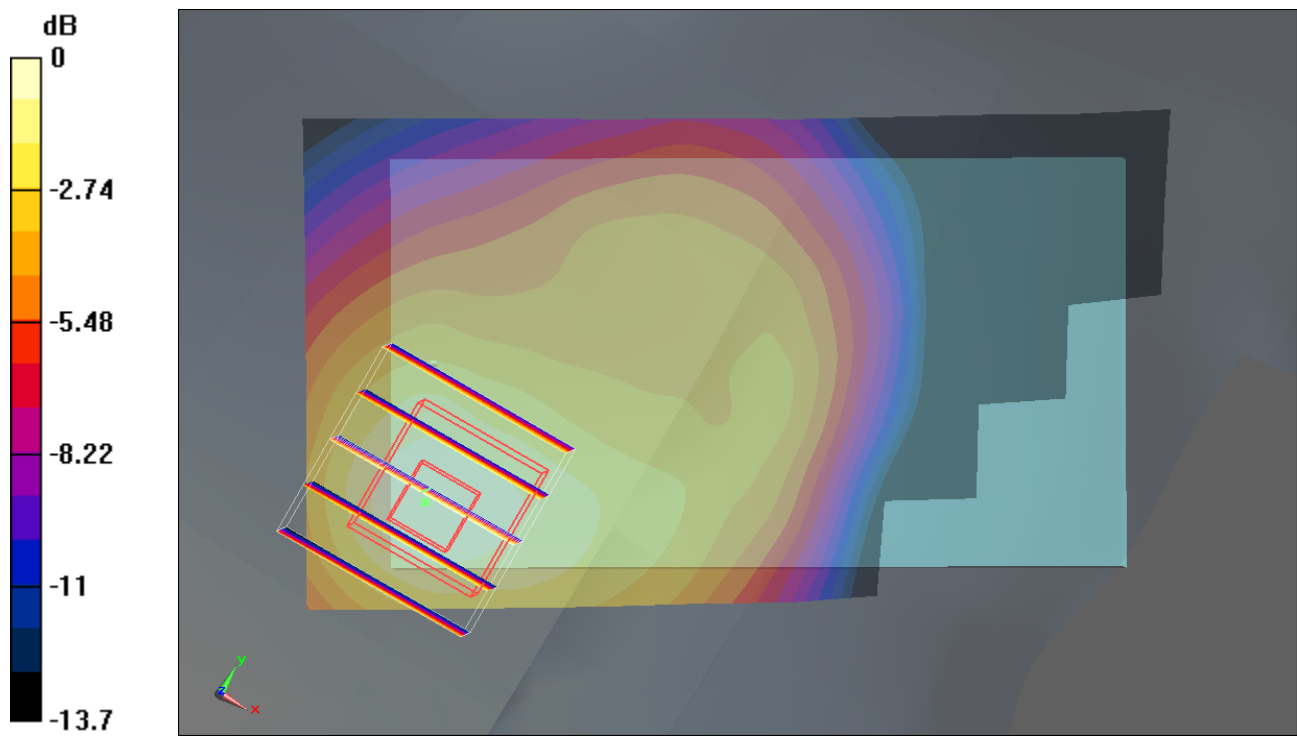
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.4 V/m; Power Drift = 0.084 dB

Peak SAR (extrapolated) = 0.321 W/kg

**SAR(1 g) = 0.191 mW/g; SAR(10 g) = 0.114 mW/g**

Maximum value of SAR (measured) = 0.208 mW/g



0 dB = 0.208mW/g

**#06 WCDMA V\_RMC 12.2K\_Right Tilted\_Ch4132**

**DUT: 002701**

Communication System: UMTS; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: HSL\_835\_101103 Medium parameters used:  $f = 826.5$  MHz;  $\sigma = 0.894$  mho/m;  $\epsilon_r = 40.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.3 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(8.32, 8.32, 8.32); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch4132/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.240 mW/g

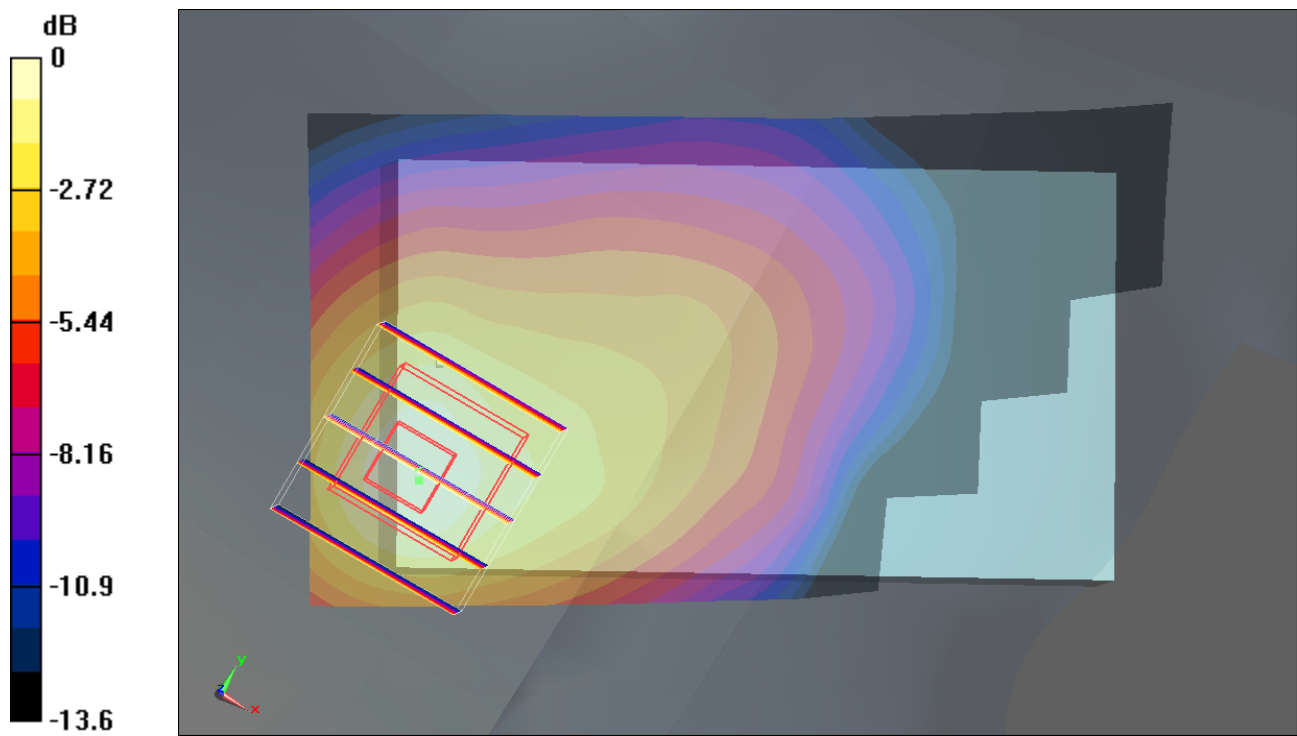
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.9 V/m; Power Drift = 0.148 dB

Peak SAR (extrapolated) = 0.358 W/kg

**SAR(1 g) = 0.213 mW/g; SAR(10 g) = 0.126 mW/g**

Maximum value of SAR (measured) = 0.238 mW/g



0 dB = 0.238mW/g



**#06 WCDMA V\_RMC 12.2K\_Right Tilted\_Ch4132\_2D**

**DUT: 002701**

Communication System: UMTS; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: HSL\_835\_101103 Medium parameters used:  $f = 826.5 \text{ MHz}$ ;  $\sigma = 0.894 \text{ mho/m}$ ;  $\epsilon_r = 40.8$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.4^\circ\text{C}$ ; Liquid Temperature :  $21.3^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.32, 8.32, 8.32); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch4132/Area Scan (51x91x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.240 \text{ mW/g}$

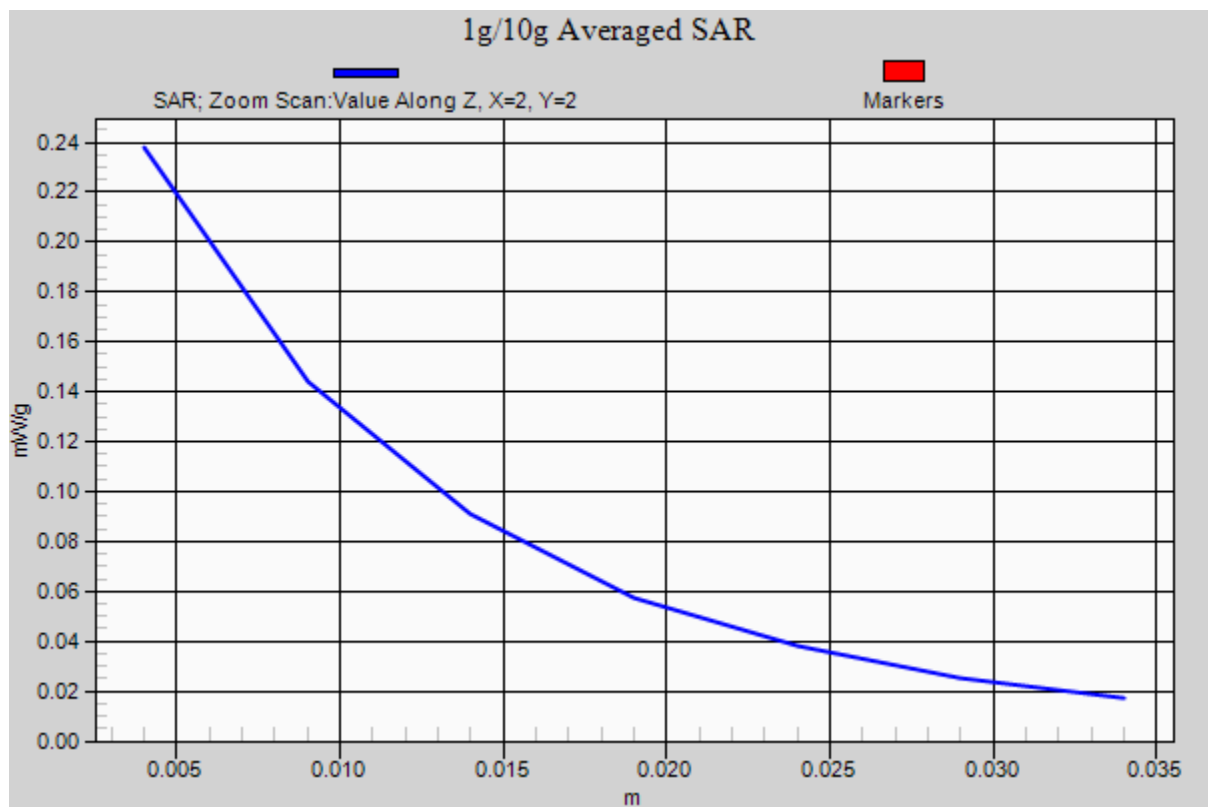
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $12.9 \text{ V/m}$ ; Power Drift =  $0.148 \text{ dB}$

Peak SAR (extrapolated) =  $0.358 \text{ W/kg}$

**SAR(1 g) =  $0.213 \text{ mW/g}$ ; SAR(10 g) =  $0.126 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.238 \text{ mW/g}$



**#07 WCDMA V\_RMC 12.2K\_Left Cheek\_Ch4132**

**DUT: 002701**

Communication System: UMTS; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: HSL\_835\_101103 Medium parameters used:  $f = 826.5 \text{ MHz}$ ;  $\sigma = 0.894 \text{ mho/m}$ ;  $\epsilon_r = 40.8$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.4^\circ\text{C}$ ; Liquid Temperature :  $21.3^\circ\text{C}$

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(8.32, 8.32, 8.32); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch4132/Area Scan (51x91x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.128 \text{ mW/g}$

**Ch4132/Zoom Scan (5x5x7)/Cube 1:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $11.4 \text{ V/m}$ ; Power Drift =  $-0.00798 \text{ dB}$

Peak SAR (extrapolated) =  $0.169 \text{ W/kg}$

**SAR(1 g) =  $0.118 \text{ mW/g}$ ; SAR(10 g) =  $0.086 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.124 \text{ mW/g}$

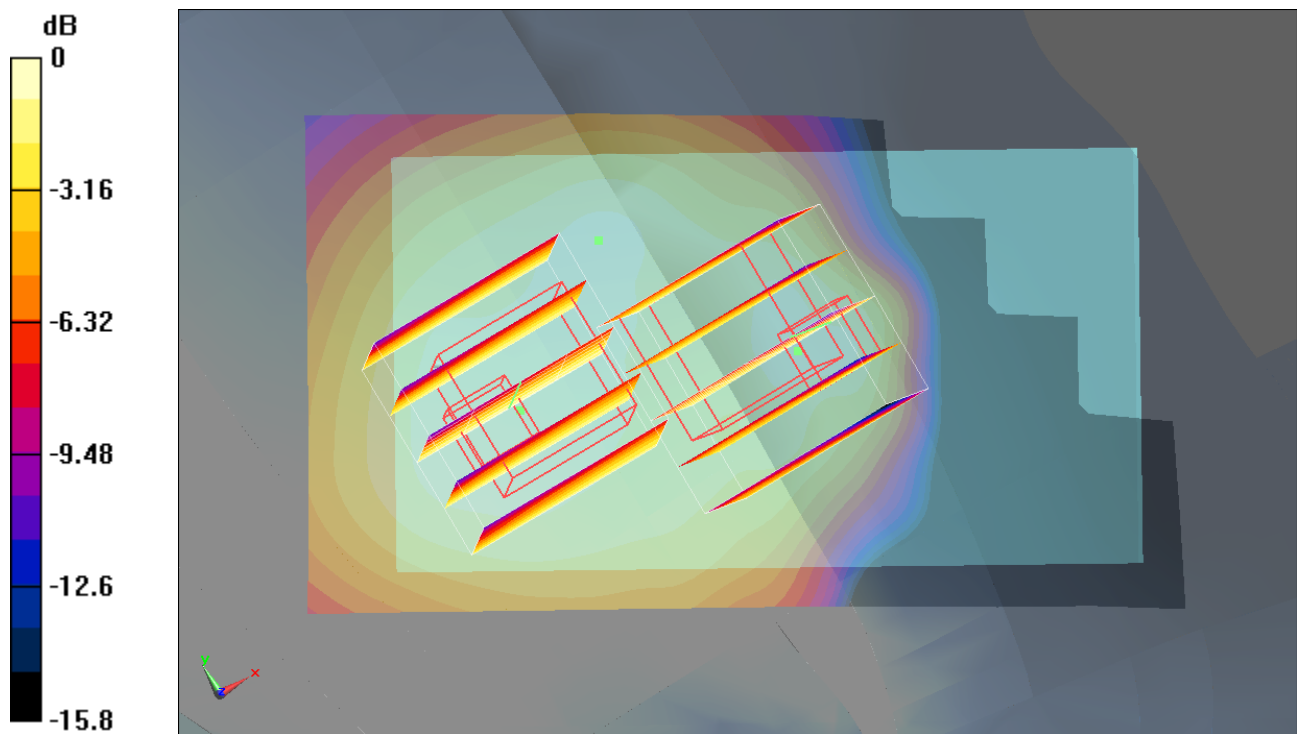
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $11.4 \text{ V/m}$ ; Power Drift =  $-0.00798 \text{ dB}$

Peak SAR (extrapolated) =  $0.224 \text{ W/kg}$

**SAR(1 g) =  $0.116 \text{ mW/g}$ ; SAR(10 g) =  $0.071 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.135 \text{ mW/g}$



0 dB = 0.135mW/g

**#08 WCDMA V\_RMC 12.2K\_Left Tilted\_Ch4132**

**DUT: 002701**

Communication System: UMTS; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: HSL\_835\_101103 Medium parameters used:  $f = 826.5 \text{ MHz}$ ;  $\sigma = 0.894 \text{ mho/m}$ ;  $\epsilon_r = 40.8$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.4^\circ\text{C}$ ; Liquid Temperature :  $21.3^\circ\text{C}$

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(8.32, 8.32, 8.32); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch4132/Area Scan (51x91x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.141 \text{ mW/g}$

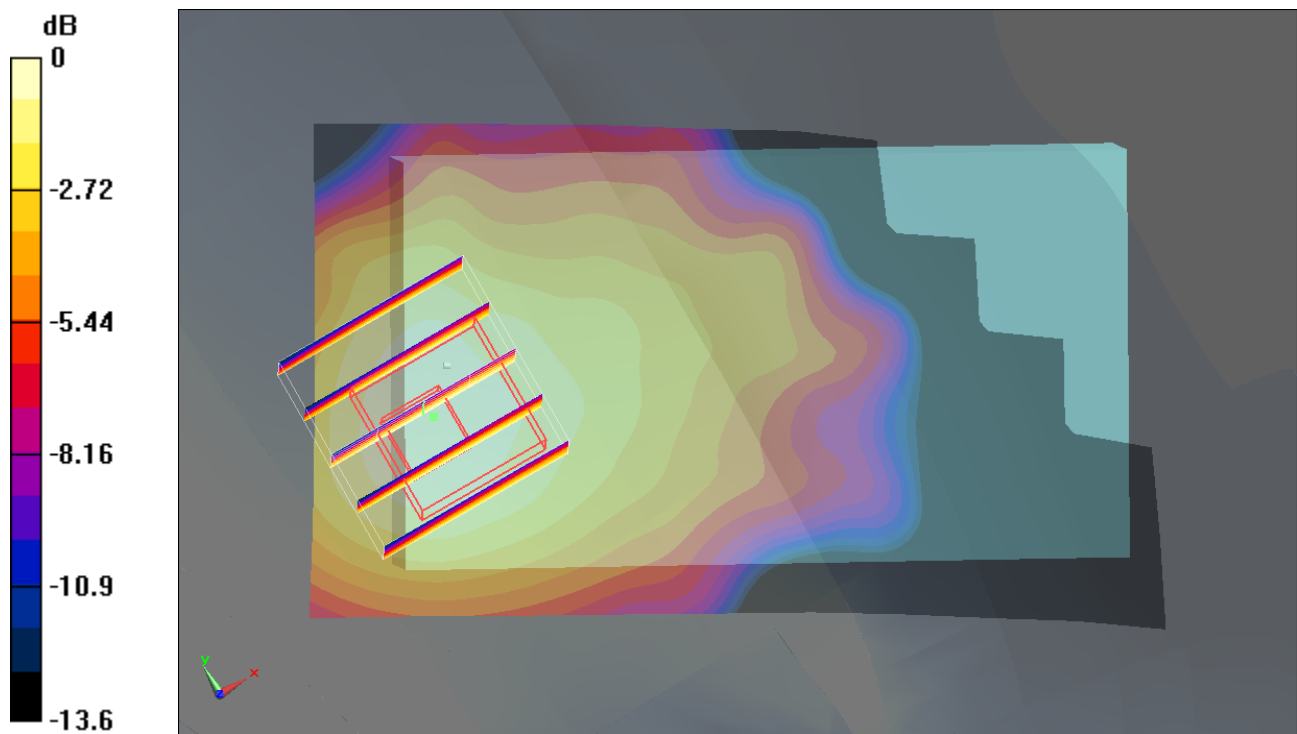
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $11.6 \text{ V/m}$ ; Power Drift =  $0.073 \text{ dB}$

Peak SAR (extrapolated) =  $0.190 \text{ W/kg}$

**SAR(1 g) =  $0.127 \text{ mW/g}$ ; SAR(10 g) =  $0.084 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.137 \text{ mW/g}$



0 dB = 0.137mW/g

**#13 GSM850\_GPRS 10\_Bottom\_1.5cm\_Ch128**

**DUT: 002701**

Communication System: GPRS/EDGE 10; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL\_835\_101105 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.981$  mho/m;  $\epsilon_r = 55.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.2 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch128/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

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

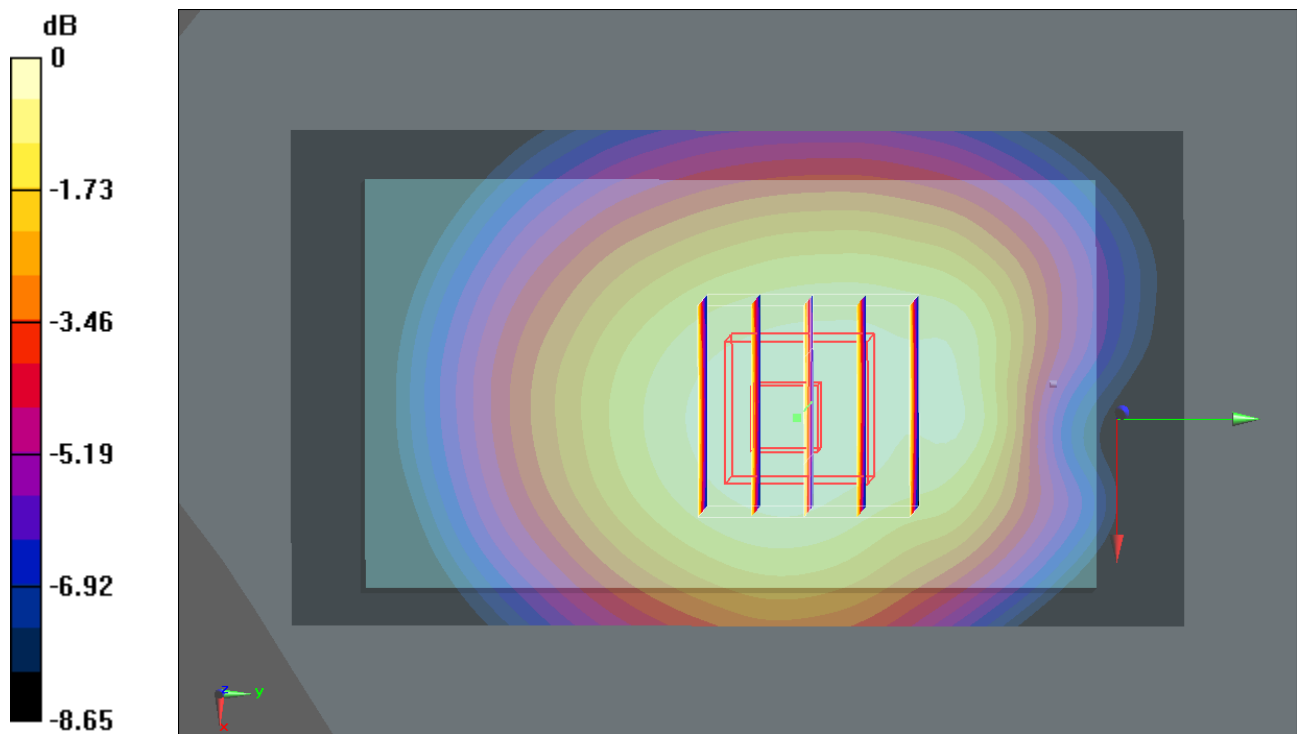
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.5 V/m; Power Drift = -0.059 dB

Peak SAR (extrapolated) = 0.918 W/kg

**SAR(1 g) = 0.698 mW/g; SAR(10 g) = 0.519 mW/g**

Maximum value of SAR (measured) = 0.733 mW/g





**#13 GSM850\_GPRS 10\_Bottom\_1.5cm\_Ch128\_2D**

**DUT: 002701**

Communication System: GPRS/EDGE 10; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL\_835\_101105 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.981$  mho/m;  $\epsilon_r = 55.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.2 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch128/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

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

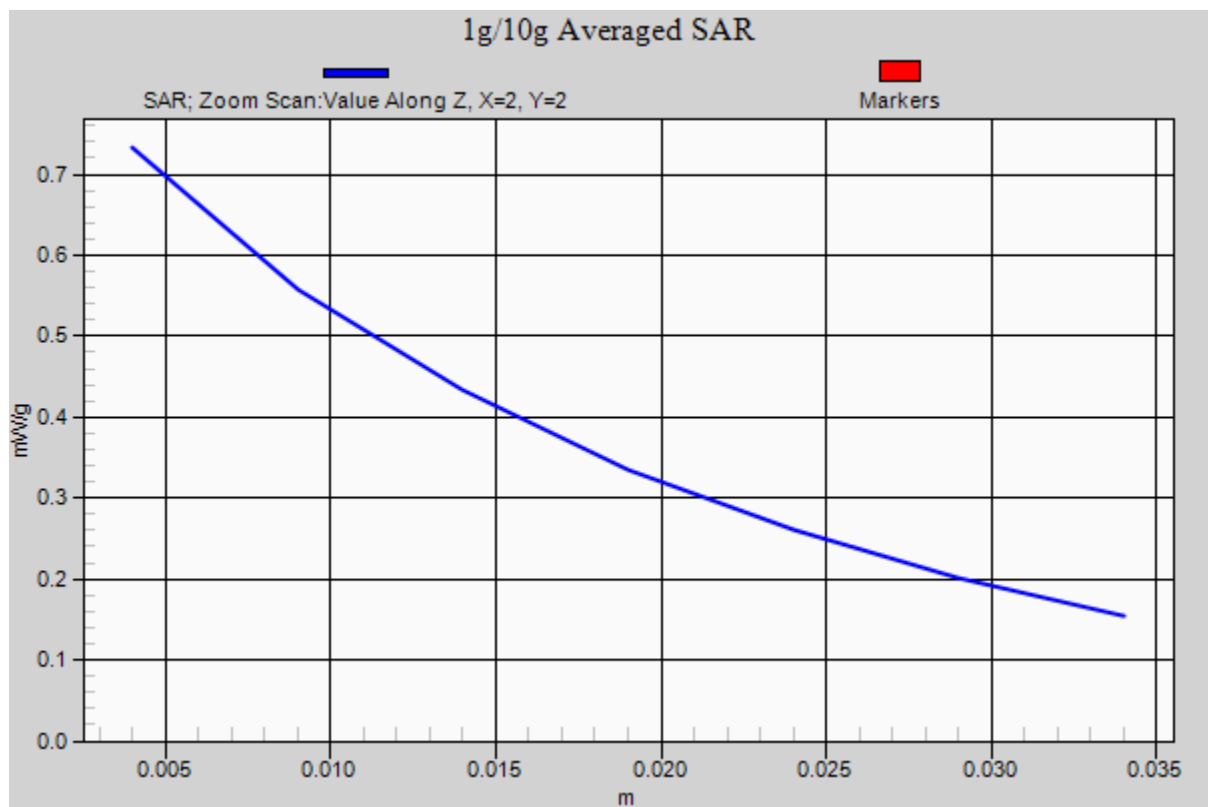
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.5 V/m; Power Drift = -0.059 dB

Peak SAR (extrapolated) = 0.918 W/kg

**SAR(1 g) = 0.698 mW/g; SAR(10 g) = 0.519 mW/g**

Maximum value of SAR (measured) = 0.733 mW/g



**#14 GSM850\_GPRS 10\_Face\_1.5cm\_Ch128**

**DUT: 002701**

Communication System: GPRS/EDGE 10; Frequency: 824.2 MHz; Duty Cycle: 1:4

Medium: MSL\_835\_101105 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.981$  mho/m;  $\epsilon_r = 55.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.2 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch128/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.126 mW/g

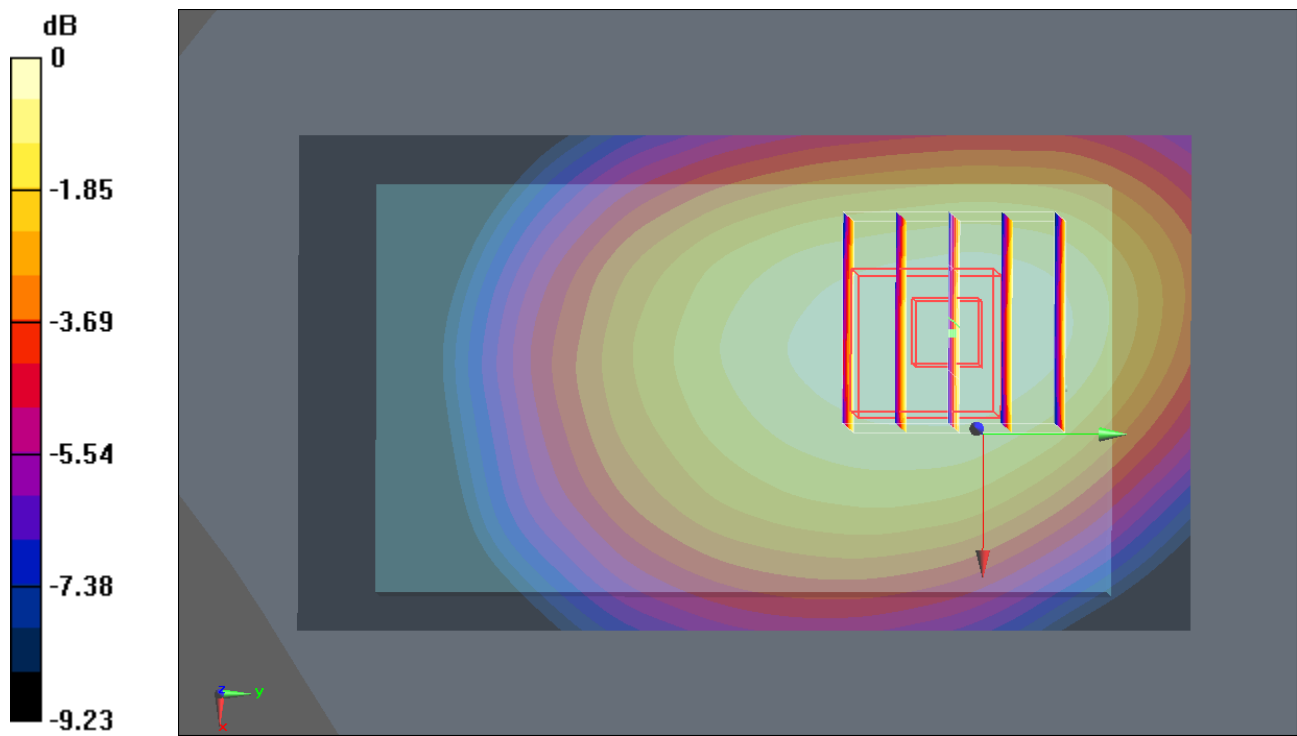
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.2 V/m; Power Drift = 0.015 dB

Peak SAR (extrapolated) = 0.155 W/kg

**SAR(1 g) = 0.119 mW/g; SAR(10 g) = 0.089 mW/g**

Maximum value of SAR (measured) = 0.125 mW/g



0 dB = 0.125mW/g

**#17 GSM1900\_GPRS 10\_Bottom\_1.5cm\_Ch810**

**DUT: 002701**

Communication System: GPRS/EDGE 10; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_101105 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 53.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.3 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch810/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.463 mW/g

**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.7 V/m; Power Drift = 0.070 dB

Peak SAR (extrapolated) = 0.713 W/kg

**SAR(1 g) = 0.431 mW/g; SAR(10 g) = 0.259 mW/g**

Maximum value of SAR (measured) = 0.474 mW/g

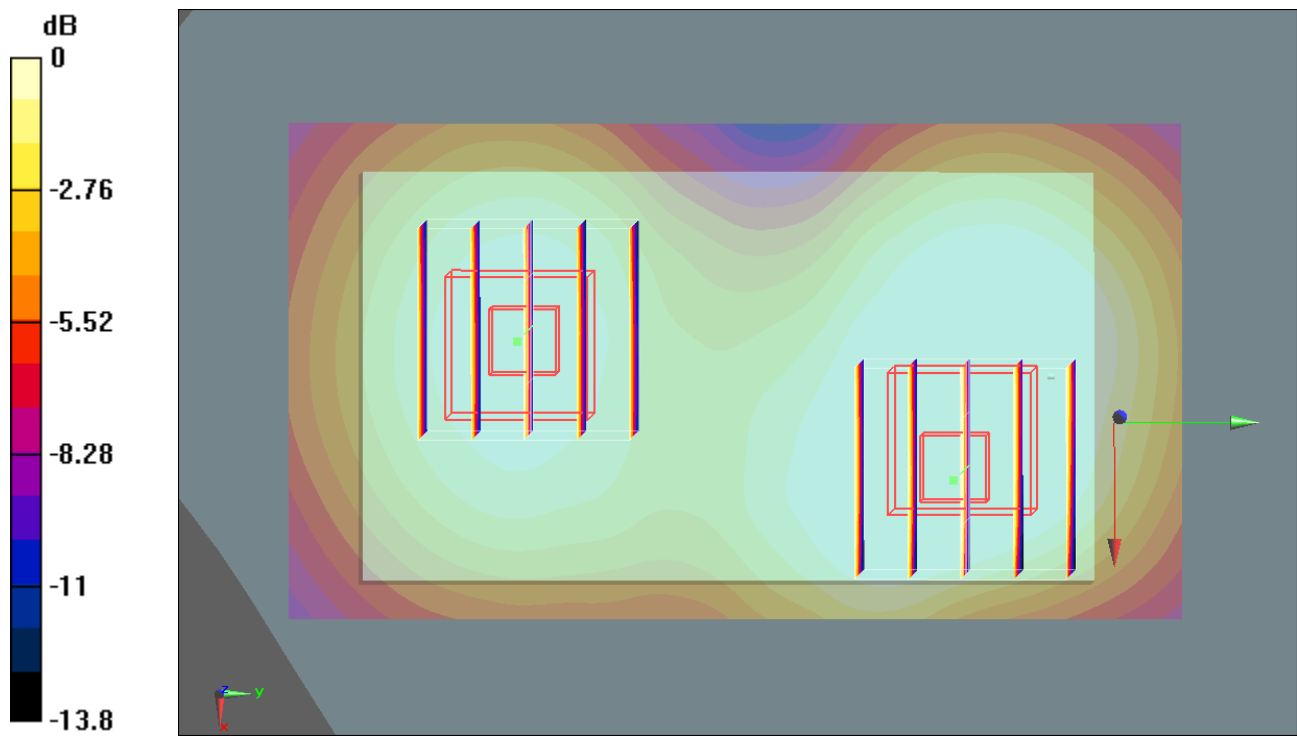
**Ch810/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.7 V/m; Power Drift = 0.070 dB

Peak SAR (extrapolated) = 0.434 W/kg

**SAR(1 g) = 0.286 mW/g; SAR(10 g) = 0.183 mW/g**

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



**#17 GSM1900\_GPRS 10\_Bottom\_1.5cm\_Ch810\_2D**

**DUT: 002701**

Communication System: GPRS/EDGE 10; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_101105 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 53.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch810/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.463 mW/g

**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.7 V/m; Power Drift = 0.070 dB

Peak SAR (extrapolated) = 0.713 W/kg

**SAR(1 g) = 0.431 mW/g; SAR(10 g) = 0.259 mW/g**

Maximum value of SAR (measured) = 0.474 mW/g

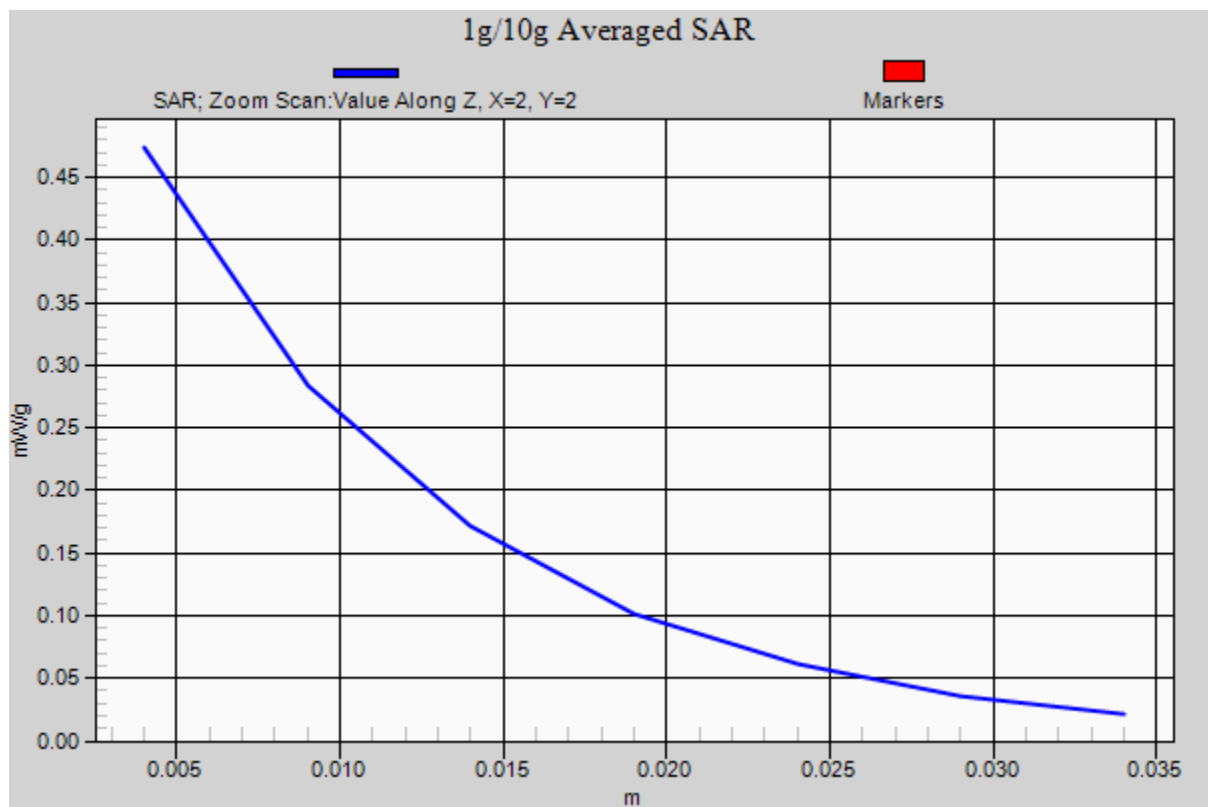
**Ch810/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.7 V/m; Power Drift = 0.070 dB

Peak SAR (extrapolated) = 0.434 W/kg

**SAR(1 g) = 0.286 mW/g; SAR(10 g) = 0.183 mW/g**

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





**#18 GSM1900\_GPRS 10\_Face\_1.5cm\_Ch810**

**DUT: 002701**

Communication System: GPRS/EDGE 10; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_101105 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 53.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.3 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch810/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.145 mW/g

**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.55 V/m; Power Drift = -0.117 dB

Peak SAR (extrapolated) = 0.214 W/kg

**SAR(1 g) = 0.131 mW/g; SAR(10 g) = 0.079 mW/g**

Maximum value of SAR (measured) = 0.142 mW/g

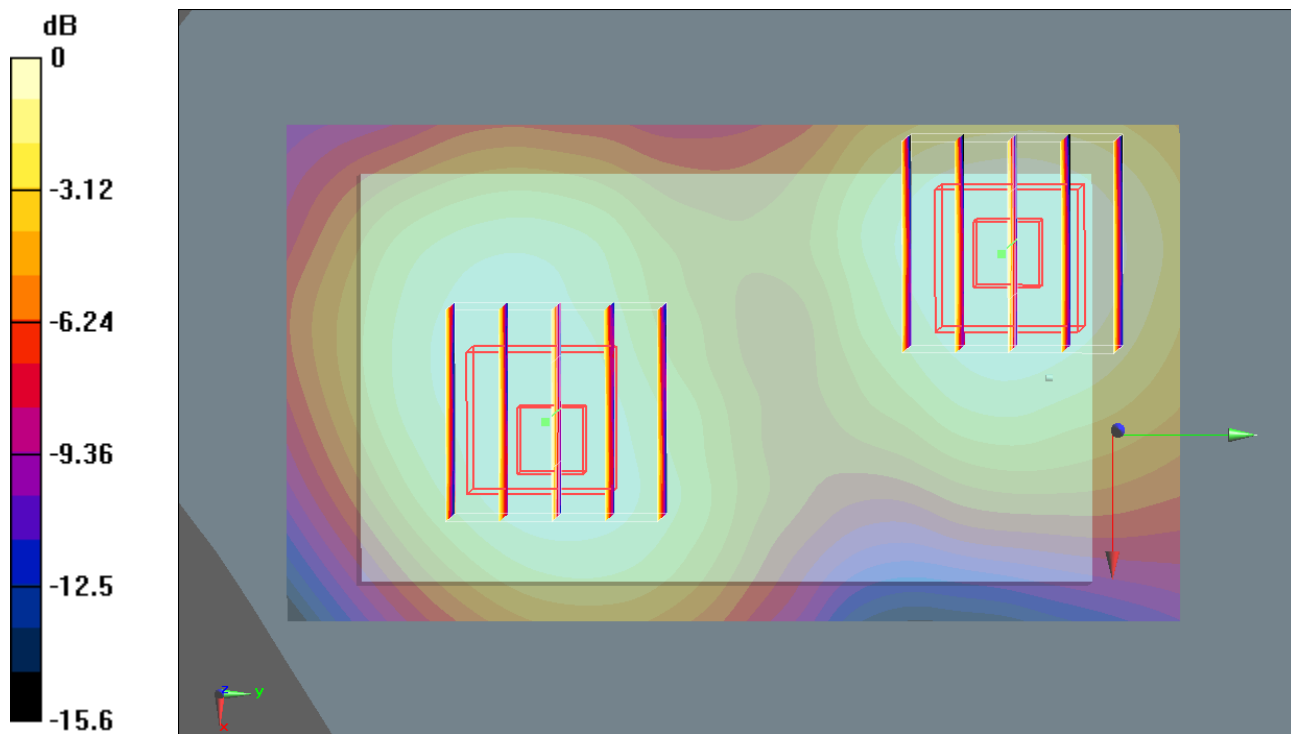
**Ch810/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.55 V/m; Power Drift = -0.117 dB

Peak SAR (extrapolated) = 0.170 W/kg

**SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.072 mW/g**

Maximum value of SAR (measured) = 0.120 mW/g



**#15 WCDMA V\_RMC 12.2K\_Bottom\_1.5cm\_Ch4132**

**DUT: 002701**

Communication System: UMTS; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: MSL\_835\_101105 Medium parameters used:  $f = 826.4 \text{ MHz}$ ;  $\sigma = 0.983 \text{ mho/m}$ ;  $\epsilon_r = 55.8$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.3^\circ\text{C}$ ; Liquid Temperature :  $21.2^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch4132/Area Scan (51x91x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.552 \text{ mW/g}$

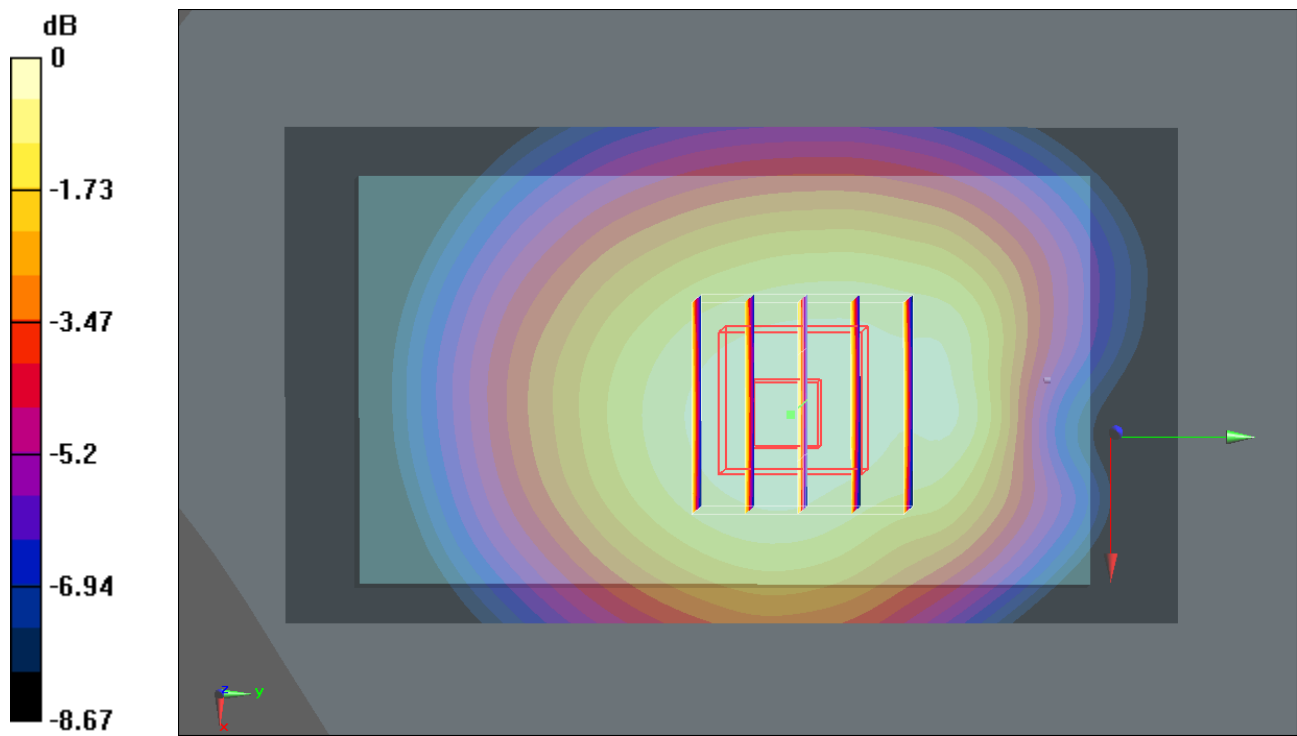
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $14 \text{ V/m}$ ; Power Drift =  $0.013 \text{ dB}$

Peak SAR (extrapolated) =  $0.680 \text{ W/kg}$

**SAR(1 g) =  $0.522 \text{ mW/g}$ ; SAR(10 g) =  $0.388 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.550 \text{ mW/g}$



0 dB = 0.550mW/g

**#15 WCDMA V\_RMC 12.2K\_Bottom\_1.5cm\_Ch4132\_2D**

**DUT: 002701**

Communication System: UMTS; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: MSL\_835\_101105 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.983$  mho/m;  $\epsilon_r = 55.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.2 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch4132/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.552 mW/g

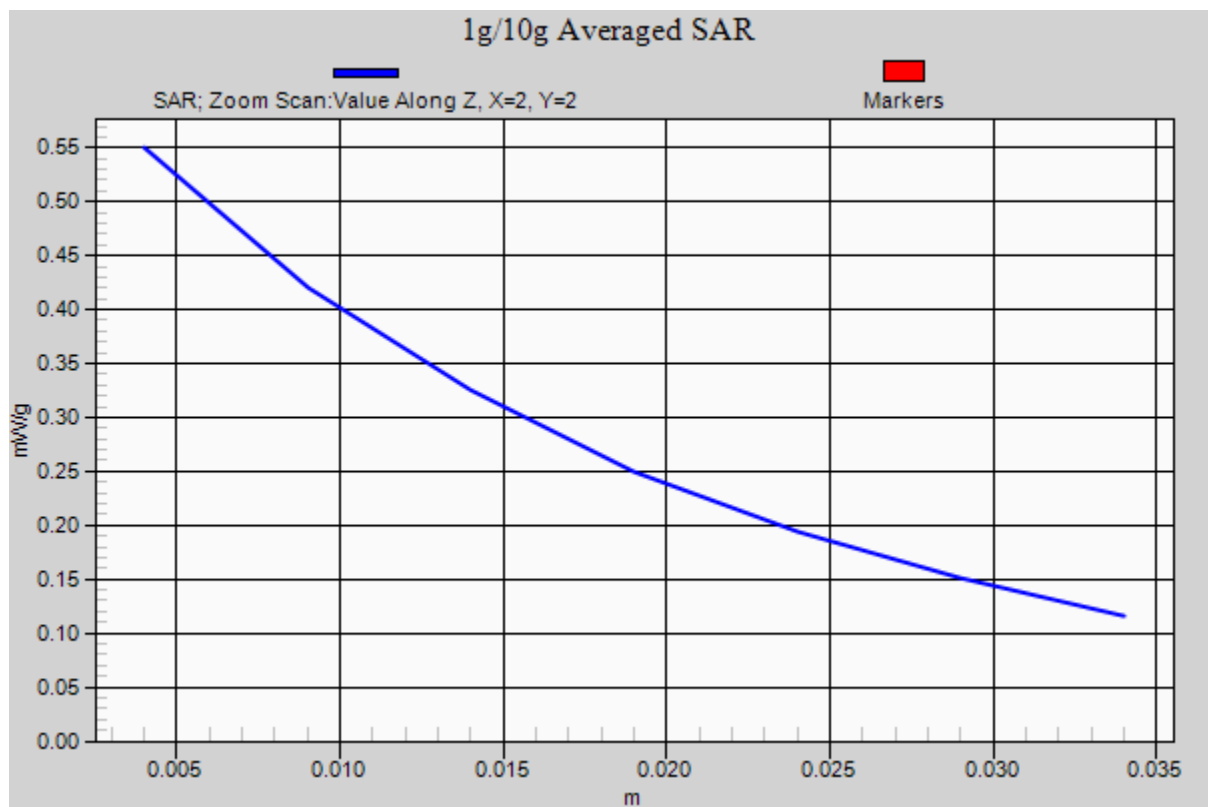
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14 V/m; Power Drift = 0.013 dB

Peak SAR (extrapolated) = 0.680 W/kg

**SAR(1 g) = 0.522 mW/g; SAR(10 g) = 0.388 mW/g**

Maximum value of SAR (measured) = 0.550 mW/g



**#16 WCDMA V\_RMC 12.2K\_Face\_1.5cm\_Ch4132**

**DUT: 002701**

Communication System: UMTS; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: MSL\_835\_101105 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.983$  mho/m;  $\epsilon_r = 55.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.2 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 11/23/2009
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch4132/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm

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

**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.29 V/m; Power Drift = -0.074 dB

Peak SAR (extrapolated) = 0.125 W/kg

**SAR(1 g) = 0.098 mW/g; SAR(10 g) = 0.073 mW/g**

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

