

**#01 GSM850\_Right Cheek\_Ch128**

**DUT: 092705**

Communication System: Generic GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL\_835\_101110 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.906$  mho/m;  $\epsilon_r = 41.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(5.81, 5.81, 5.81); Calibrated: 6/22/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2010/06/22
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch128/Area Scan (41x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.711 mW/g

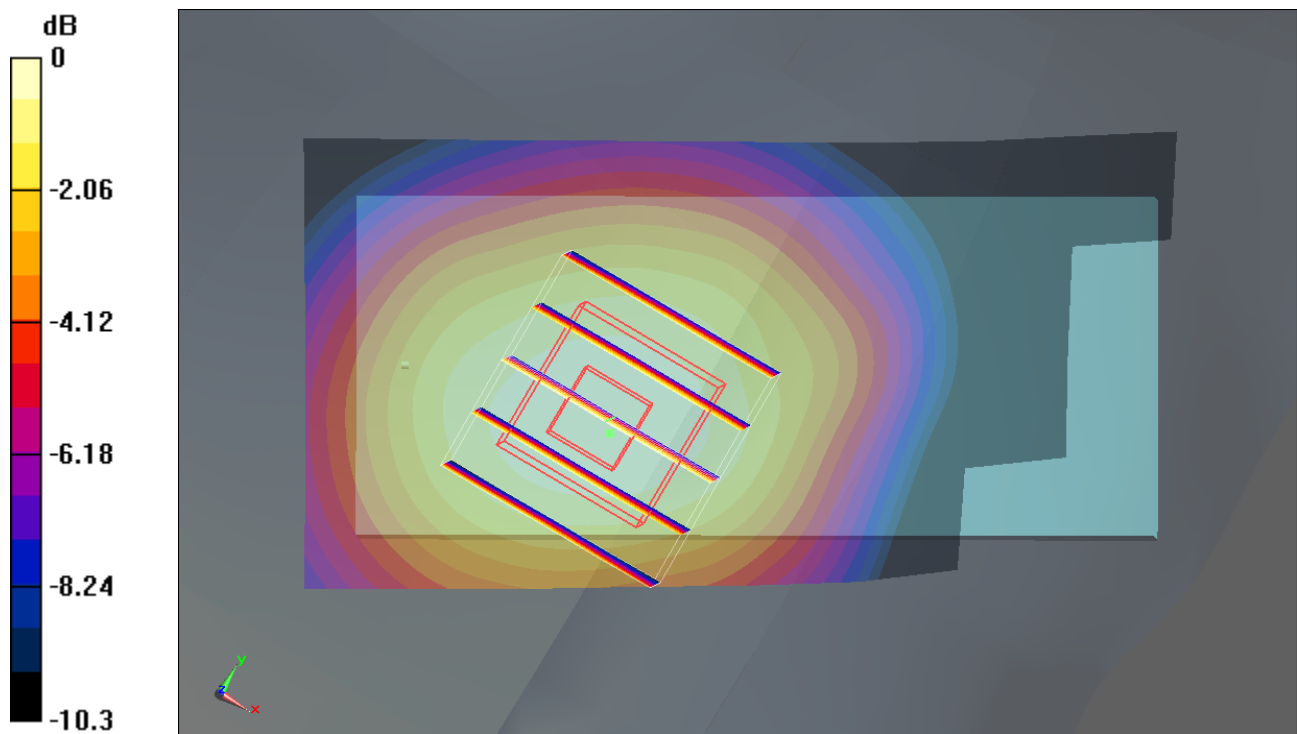
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.1 V/m; Power Drift = -0.120 dB

Peak SAR (extrapolated) = 0.896 W/kg

**SAR(1 g) = 0.664 mW/g; SAR(10 g) = 0.466 mW/g**

Maximum value of SAR (measured) = 0.708 mW/g



0 dB = 0.708mW/g

## **#02 GSM850\_Right Tilted\_Ch128**

### **DUT: 092705**

Communication System: Generic GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL\_835\_101110 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.906$  mho/m;  $\epsilon_r = 41.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.3 °C

#### **DASY5 Configuration:**

- Probe: ES3DV3 - SN3071; ConvF(5.81, 5.81, 5.81); Calibrated: 6/22/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2010/06/22
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch128/Area Scan (41x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.475 mW/g

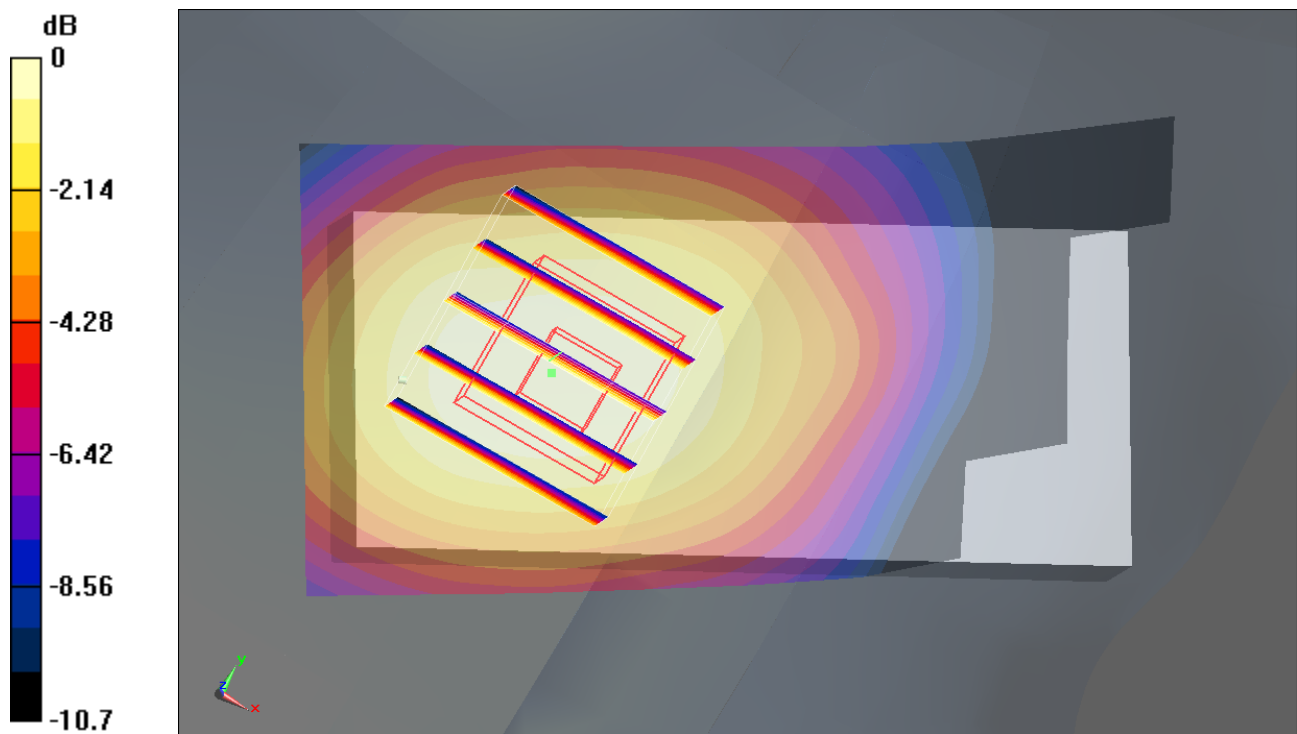
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.6 V/m; Power Drift = 0.028 dB

Peak SAR (extrapolated) = 0.623 W/kg

**SAR(1 g) = 0.451 mW/g; SAR(10 g) = 0.314 mW/g**

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



0 dB = 0.474mW/g

**#03 GSM850\_Left Cheek\_Ch128**

**DUT: 092705**

Communication System: Generic GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL\_835\_101110 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.906$  mho/m;  $\epsilon_r = 41.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(5.81, 5.81, 5.81); Calibrated: 6/22/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2010/06/22
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch128/Area Scan (41x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.809 mW/g

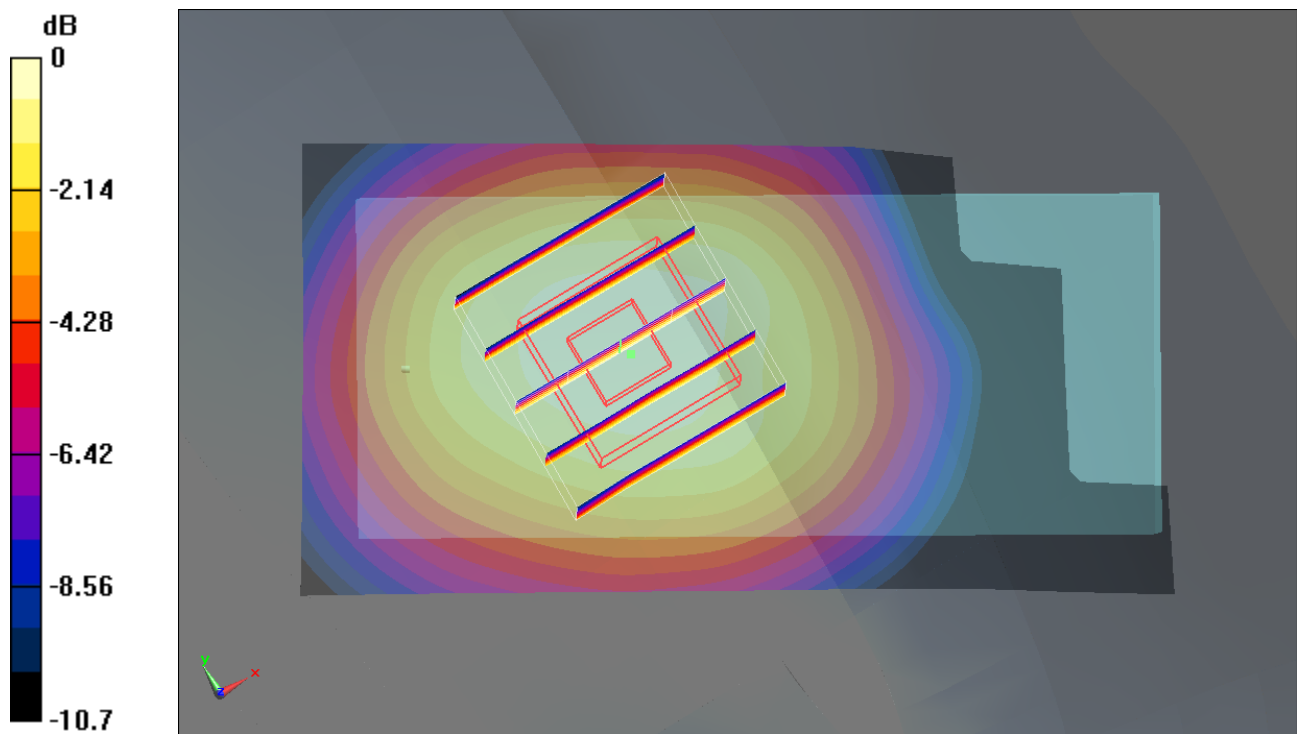
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.4 V/m; Power Drift = -0.078 dB

Peak SAR (extrapolated) = 1.04 W/kg

**SAR(1 g) = 0.759 mW/g; SAR(10 g) = 0.529 mW/g**

Maximum value of SAR (measured) = 0.810 mW/g



0 dB = 0.810mW/g

**#03 GSM850\_Left Cheek\_Ch128\_2D**

**DUT: 092705**

Communication System: Generic GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL\_835\_101110 Medium parameters used:  $f = 824.2 \text{ MHz}$ ;  $\sigma = 0.906 \text{ mho/m}$ ;  $\epsilon_r = 41.6$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.5^\circ\text{C}$ ; Liquid Temperature :  $21.3^\circ\text{C}$

DASY5 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(5.81, 5.81, 5.81); Calibrated: 6/22/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2010/06/22
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch128/Area Scan (41x81x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.809 \text{ mW/g}$

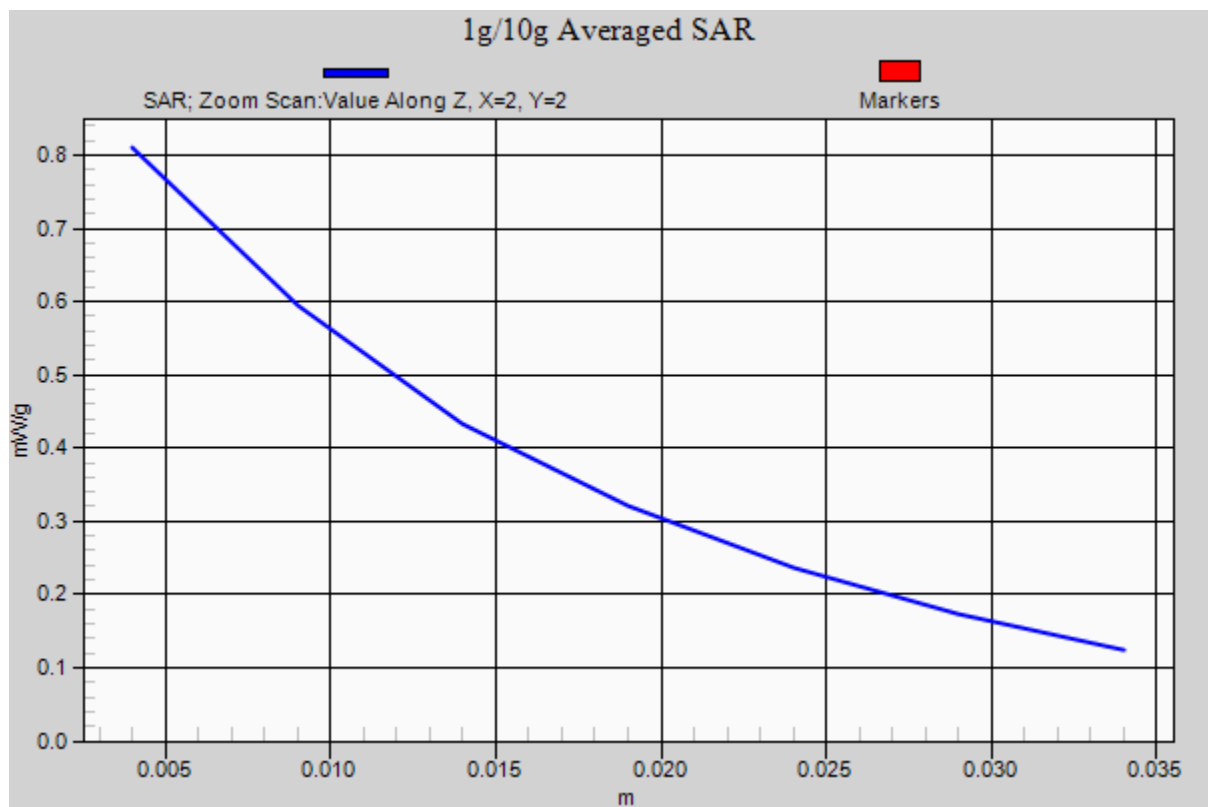
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $22.4 \text{ V/m}$ ; Power Drift =  $-0.078 \text{ dB}$

Peak SAR (extrapolated) =  $1.04 \text{ W/kg}$

**SAR(1 g) =  $0.759 \text{ mW/g}$ ; SAR(10 g) =  $0.529 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.810 \text{ mW/g}$



**#04 GSM850\_Left Tilted\_Ch128**

**DUT: 092705**

Communication System: Generic GSM; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: HSL\_835\_101110 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.906$  mho/m;  $\epsilon_r = 41.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.3 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3071; ConvF(5.81, 5.81, 5.81); Calibrated: 6/22/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2010/06/22
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch128/Area Scan (41x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.514 mW/g

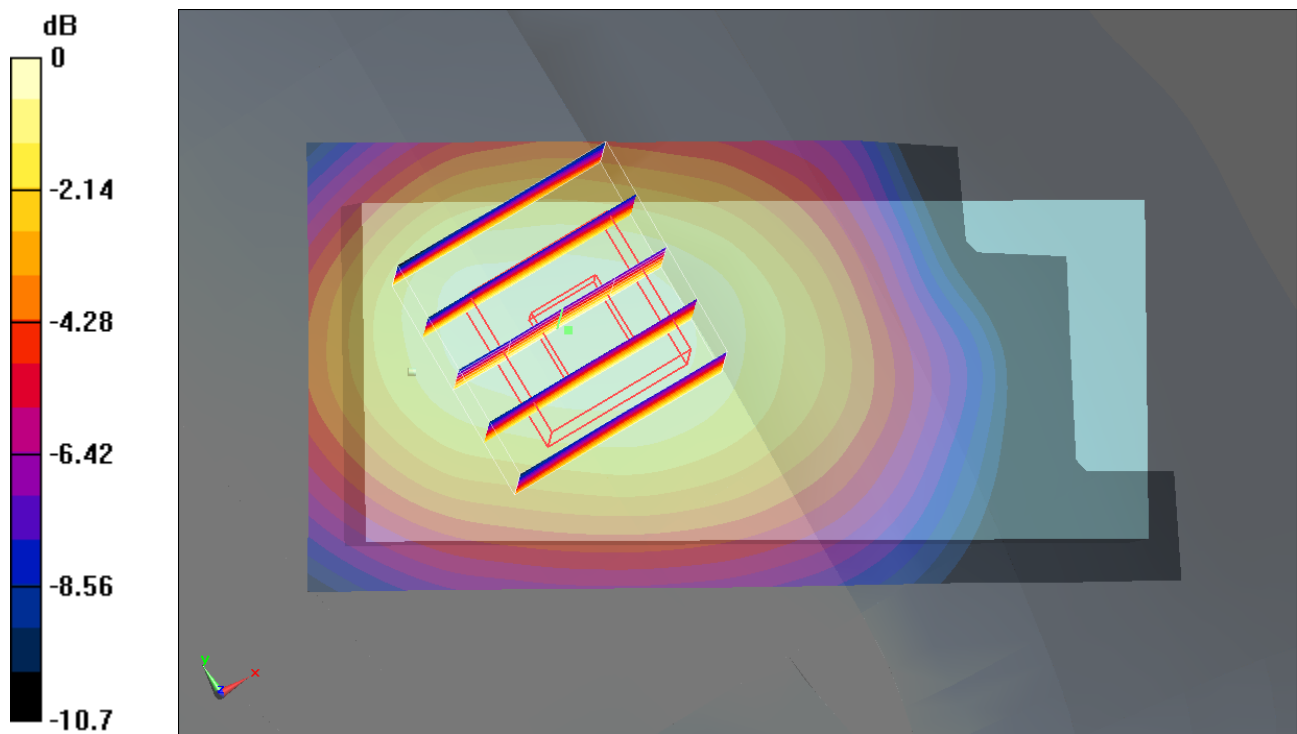
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21 V/m; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 0.668 W/kg

**SAR(1 g) = 0.490 mW/g; SAR(10 g) = 0.342 mW/g**

Maximum value of SAR (measured) = 0.517 mW/g



0 dB = 0.517mW/g

## **#05 GSM1900\_Right Cheek\_Ch512**

### **DUT: 092705**

Communication System: Generic GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_101110 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.4$  mho/m;  $\epsilon_r = 39.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.4 °C

#### **DASY5 Configuration:**

- Probe: ES3DV3 - SN3071; ConvF(4.73, 4.73, 4.73); Calibrated: 6/22/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2010/06/22
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch512/Area Scan (41x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.231 mW/g

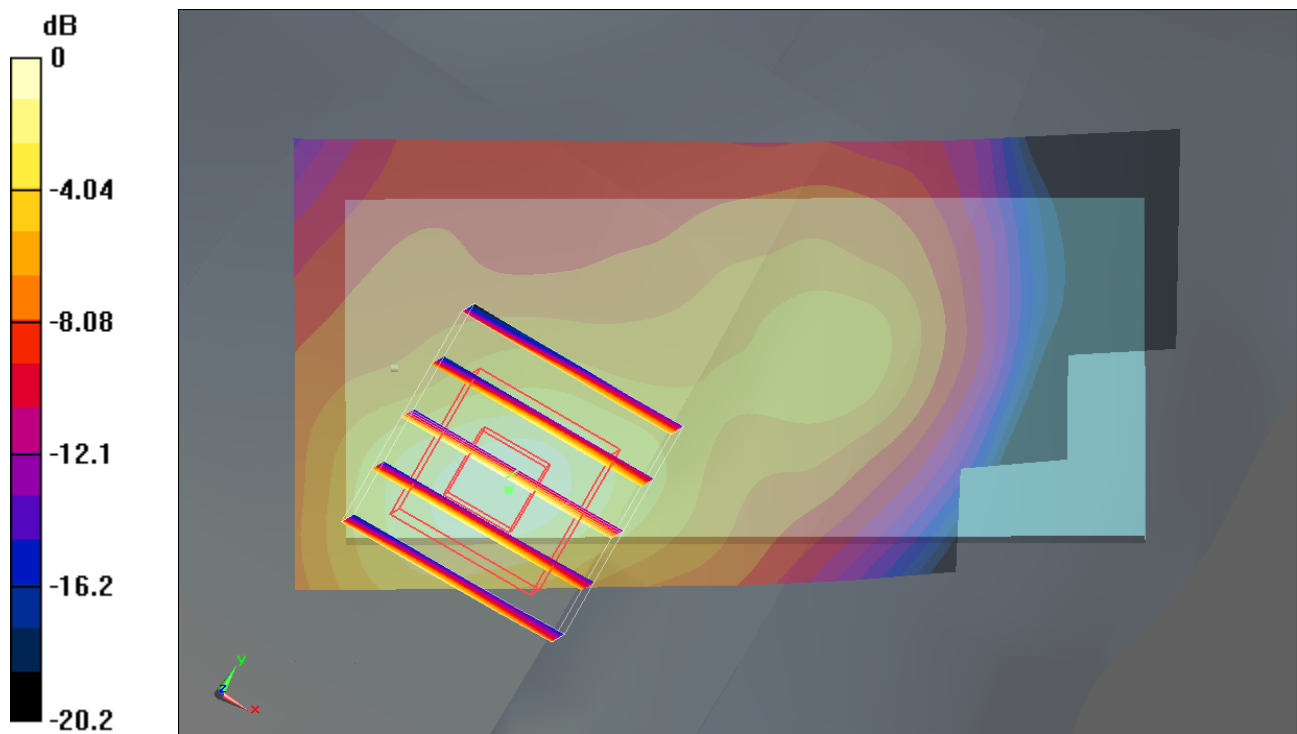
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.43 V/m; Power Drift = 0.111 dB

Peak SAR (extrapolated) = 0.355 W/kg

**SAR(1 g) = 0.214 mW/g; SAR(10 g) = 0.114 mW/g**

Maximum value of SAR (measured) = 0.243 mW/g



0 dB = 0.243mW/g

## #06 GSM1900\_Right Tilted\_Ch512

### DUT: 092705

Communication System: Generic GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_101110 Medium parameters used:  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.4 \text{ mho/m}$ ;  $\epsilon_r = 39.9$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.5^\circ\text{C}$ ; Liquid Temperature :  $21.4^\circ\text{C}$

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(4.73, 4.73, 4.73); Calibrated: 6/22/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2010/06/22
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch512/Area Scan (41x81x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.243 \text{ mW/g}$

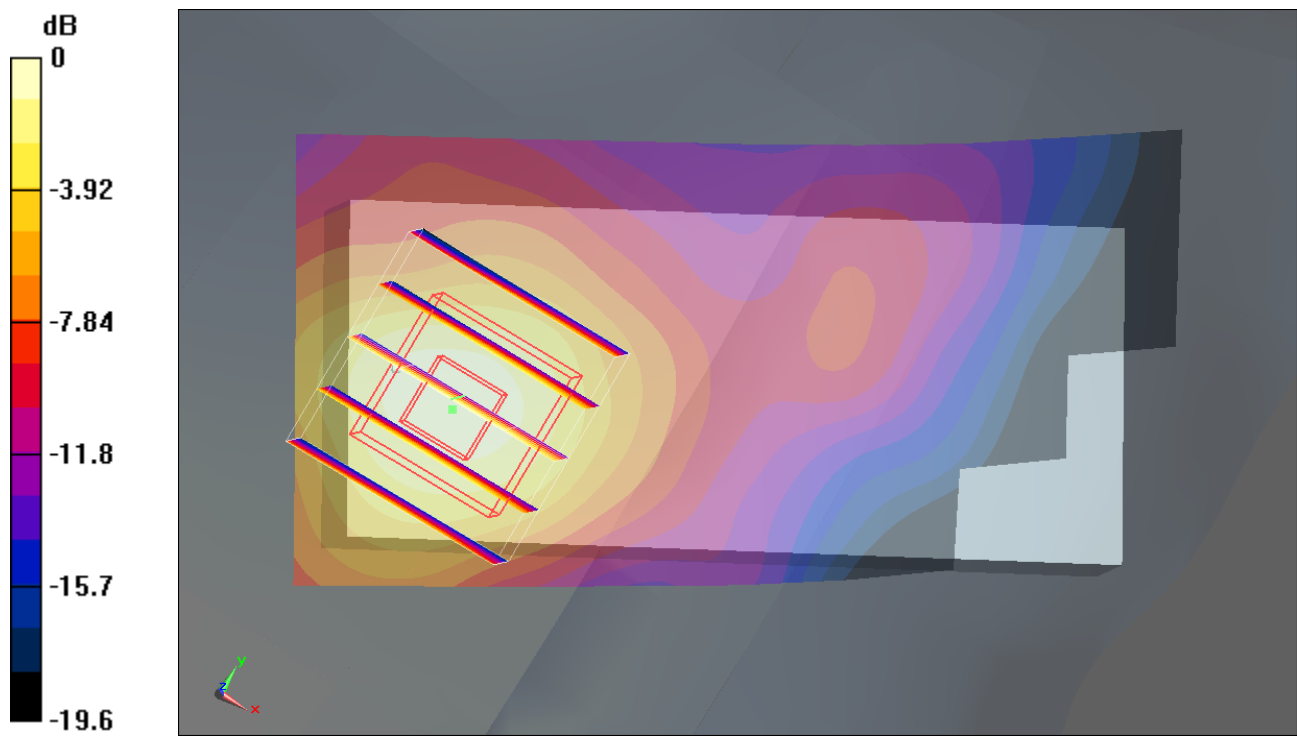
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $12.1 \text{ V/m}$ ; Power Drift =  $0.102 \text{ dB}$

Peak SAR (extrapolated) =  $0.390 \text{ W/kg}$

**SAR(1 g) =  $0.223 \text{ mW/g}$ ; SAR(10 g) =  $0.117 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.250 \text{ mW/g}$



0 dB = 0.250mW/g

**#06 GSM1900\_Right Tilted\_Ch512\_2D**

**DUT: 092705**

Communication System: Generic GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_101110 Medium parameters used:  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.4 \text{ mho/m}$ ;  $\epsilon_r = 39.9$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.5^\circ\text{C}$ ; Liquid Temperature :  $21.4^\circ\text{C}$

DASY5 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(4.73, 4.73, 4.73); Calibrated: 6/22/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2010/06/22
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch512/Area Scan (41x81x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.243 \text{ mW/g}$

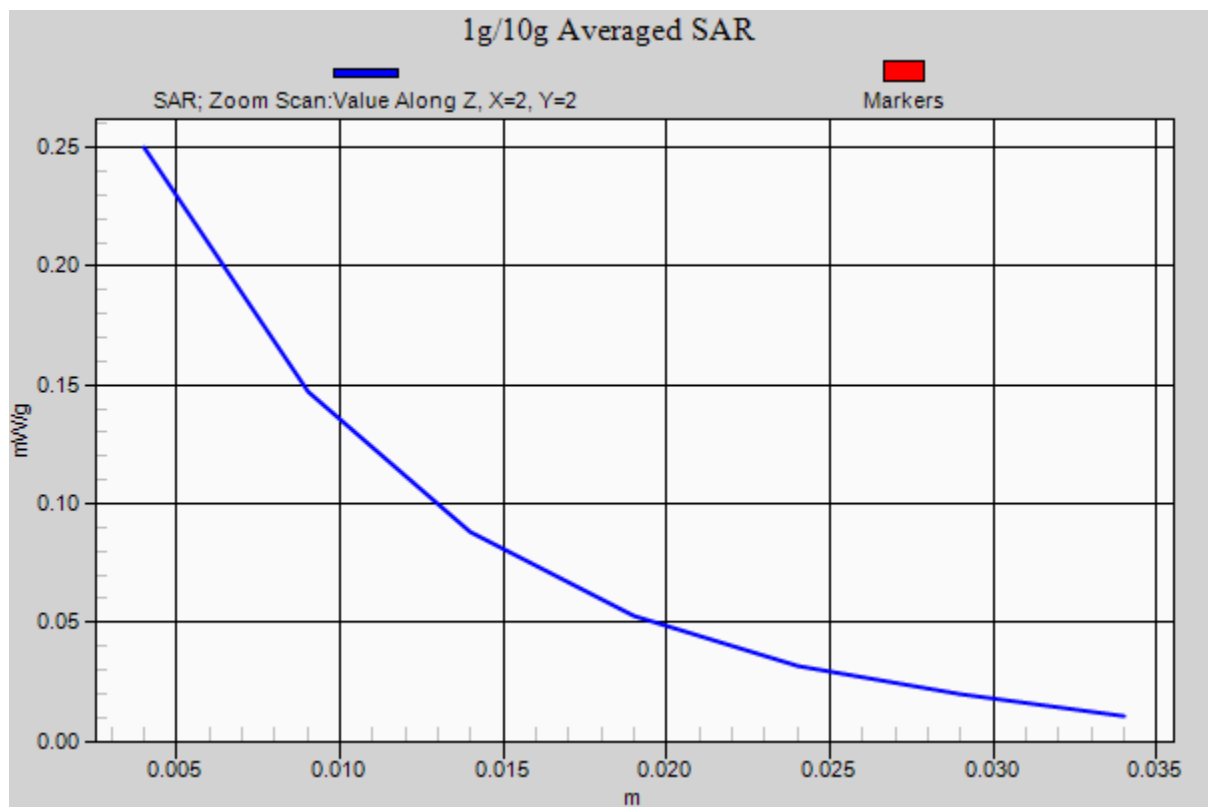
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $12.1 \text{ V/m}$ ; Power Drift =  $0.102 \text{ dB}$

Peak SAR (extrapolated) =  $0.390 \text{ W/kg}$

**SAR(1 g) =  $0.223 \text{ mW/g}$ ; SAR(10 g) =  $0.117 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.250 \text{ mW/g}$



**#07 GSM1900\_Left Cheek\_Ch512**

**DUT: 092705**

Communication System: Generic GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_101110 Medium parameters used:  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.4 \text{ mho/m}$ ;  $\epsilon_r = 39.9$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.5^\circ\text{C}$ ; Liquid Temperature :  $21.4^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3071; ConvF(4.73, 4.73, 4.73); Calibrated: 6/22/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2010/06/22
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch512/Area Scan (41x81x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.203 \text{ mW/g}$

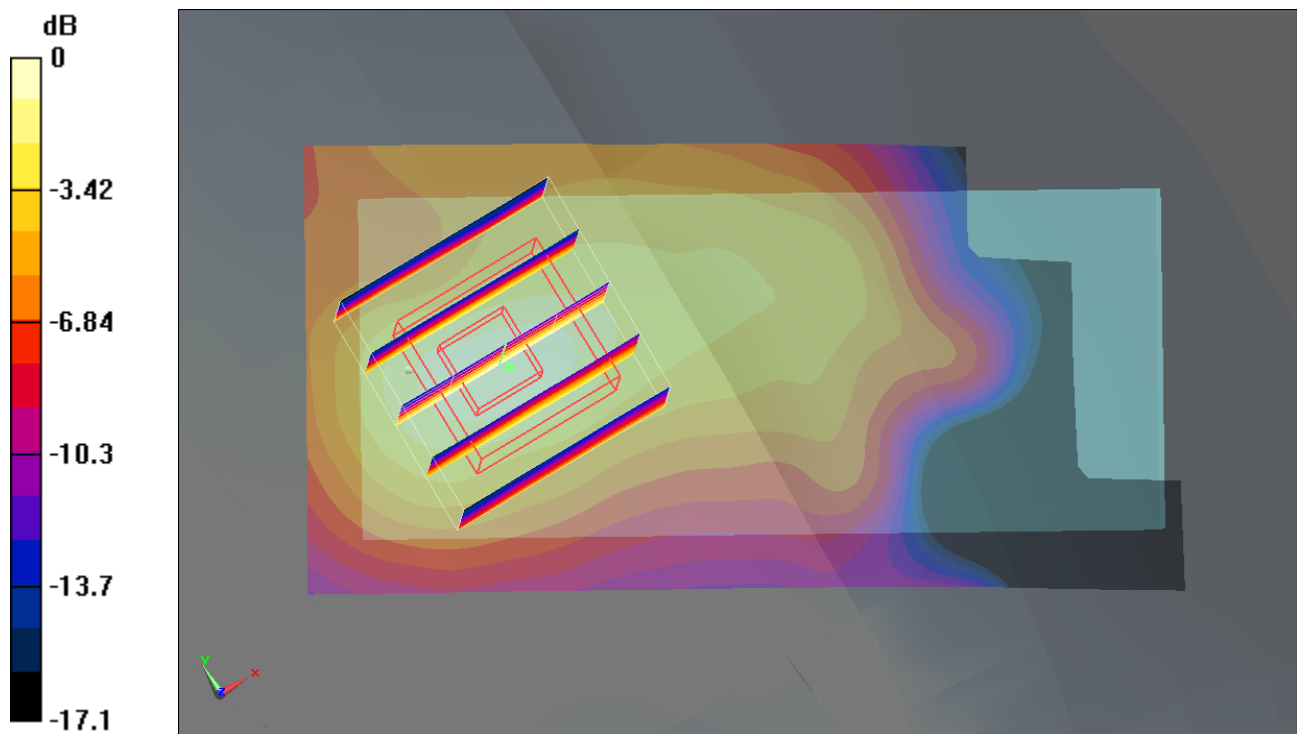
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $10.8 \text{ V/m}$ ; Power Drift =  $0.054 \text{ dB}$

Peak SAR (extrapolated) =  $0.330 \text{ W/kg}$

**SAR(1 g) =  $0.197 \text{ mW/g}$ ; SAR(10 g) =  $0.107 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.218 \text{ mW/g}$



0 dB = 0.218mW/g

## **#08 GSM1900\_Left Tilted\_Ch512**

### **DUT: 092705**

Communication System: Generic GSM; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_101110 Medium parameters used:  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.4 \text{ mho/m}$ ;  $\epsilon_r = 39.9$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.5^\circ\text{C}$ ; Liquid Temperature :  $21.4^\circ\text{C}$

#### **DASY5 Configuration:**

- Probe: ES3DV3 - SN3071; ConvF(4.73, 4.73, 4.73); Calibrated: 6/22/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2010/06/22
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch512/Area Scan (41x81x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.234 \text{ mW/g}$

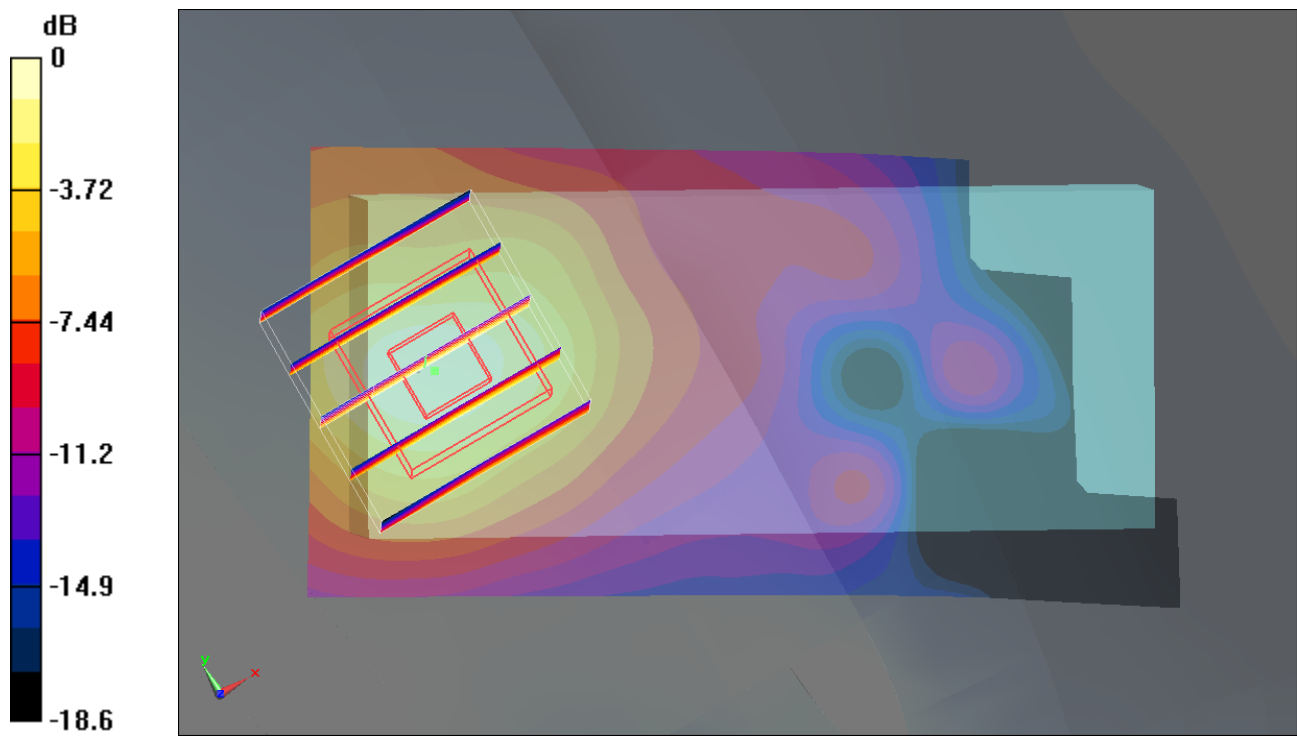
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $13.1 \text{ V/m}$ ; Power Drift =  $-0.022 \text{ dB}$

Peak SAR (extrapolated) =  $0.374 \text{ W/kg}$

**SAR(1 g) =  $0.211 \text{ mW/g}$ ; SAR(10 g) =  $0.112 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.234 \text{ mW/g}$



0 dB = 0.234mW/g

**#09 GSM850\_GPRS 12\_Bottom\_1.5cm\_Ch128**

**DUT: 092705**

Communication System: GPRS/EDGE 12; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: MSL\_835\_101111 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 : 23.6 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(5.79, 5.79, 5.79); Calibrated: 6/22/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2010/06/22
- 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) = 1.52 mW/g

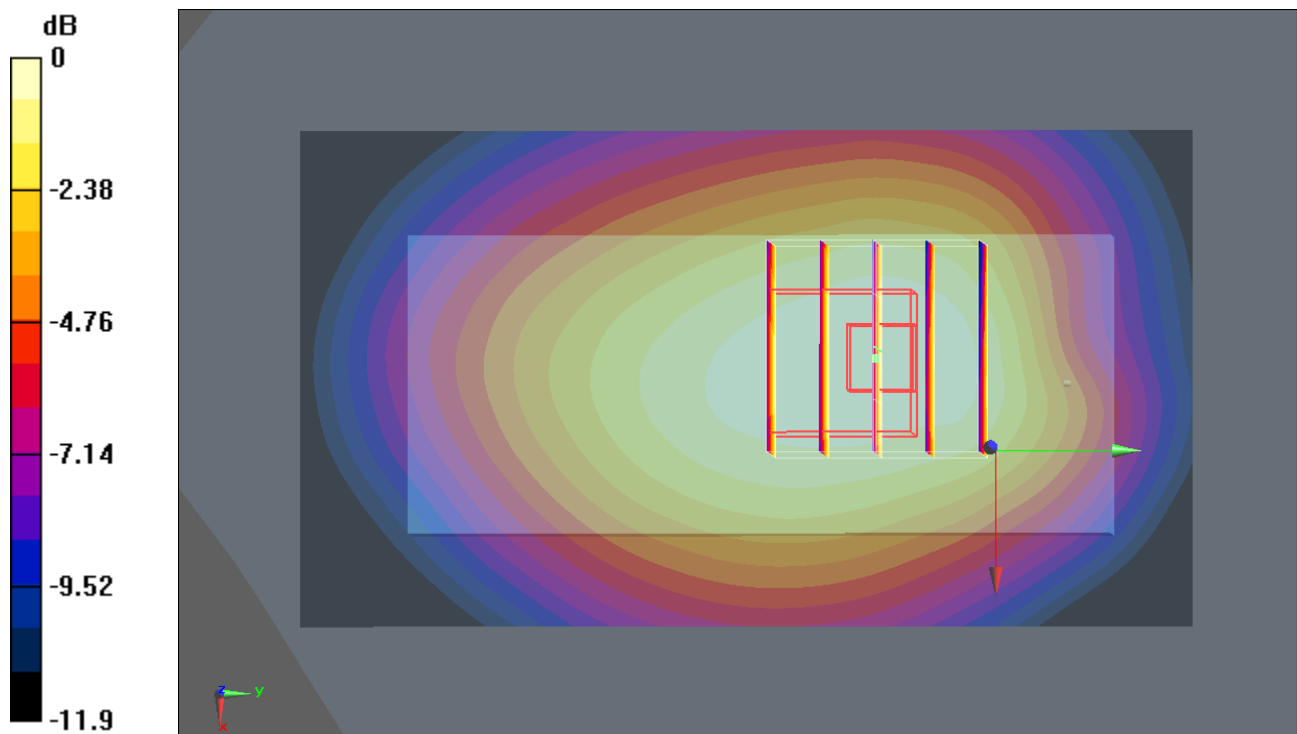
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.6 V/m; Power Drift = -0.0041 dB

Peak SAR (extrapolated) = 1.89 W/kg

**SAR(1 g) = 1.4 mW/g; SAR(10 g) = 1.01 mW/g**

Maximum value of SAR (measured) = 1.49 mW/g



0 dB = 1.49mW/g

**#09 GSM850\_GPRS 12\_Bottom\_1.5cm\_Ch128\_2D**

**DUT: 092705**

Communication System: GPRS/EDGE 12; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: MSL\_835\_101111 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 : 23.6 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(5.79, 5.79, 5.79); Calibrated: 6/22/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2010/06/22
- 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) = 1.52 mW/g

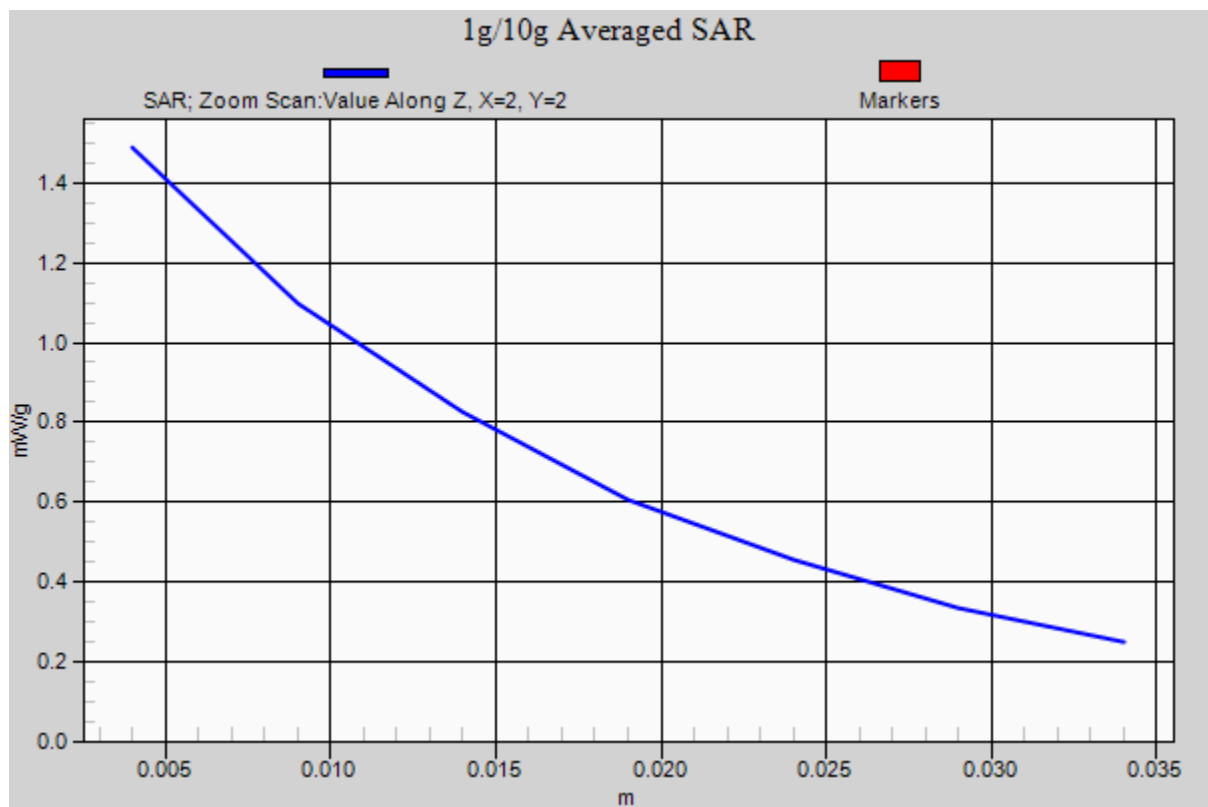
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.6 V/m; Power Drift = -0.0041 dB

Peak SAR (extrapolated) = 1.89 W/kg

**SAR(1 g) = 1.4 mW/g; SAR(10 g) = 1.01 mW/g**

Maximum value of SAR (measured) = 1.49 mW/g



**#10 GSM850\_GPRS 12\_Face\_1.5cm\_Ch128**

**DUT: 092705**

Communication System: GPRS/EDGE 12; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: MSL\_835\_101111 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 : 23.6 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(5.79, 5.79, 5.79); Calibrated: 6/22/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2010/06/22
- 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) = 0.440 mW/g

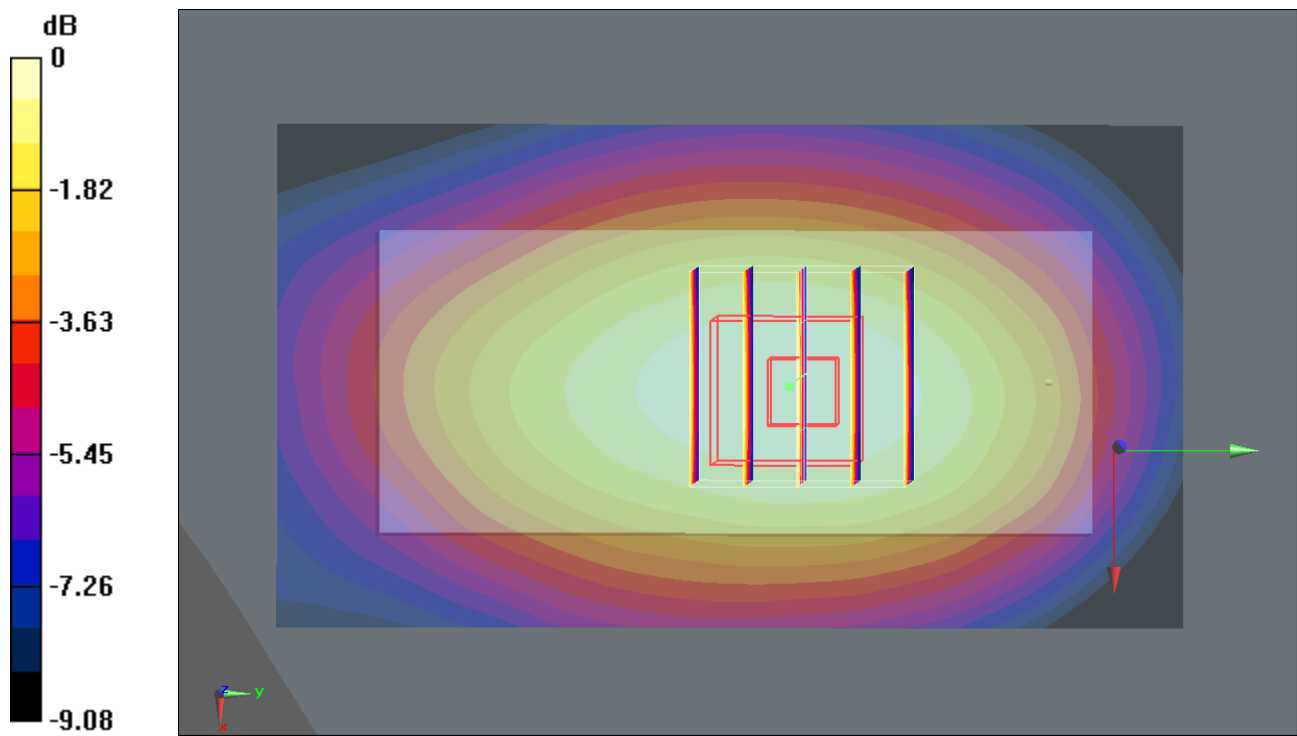
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.5 V/m; Power Drift = -0.091 dB

Peak SAR (extrapolated) = 0.540 W/kg

**SAR(1 g) = 0.416 mW/g; SAR(10 g) = 0.304 mW/g**

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



0 dB = 0.438mW/g

**#13 GSM1900\_GPRS 12\_Bottom\_1.5cm\_Ch512**

**DUT: 092705**

Communication System: GPRS/EDGE 12; Frequency: 1850.2 MHz; Duty Cycle: 1:2

Medium: MSL\_1900\_101111 Medium parameters used:  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.47 \text{ mho/m}$ ;  $\epsilon_r = 54.7$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.5^\circ\text{C}$ ; Liquid Temperature :  $21.3^\circ\text{C}$

DASY5 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(4.3, 4.3, 4.3); Calibrated: 6/22/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2010/06/22
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch512/Area Scan (51x91x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.491 \text{ mW/g}$

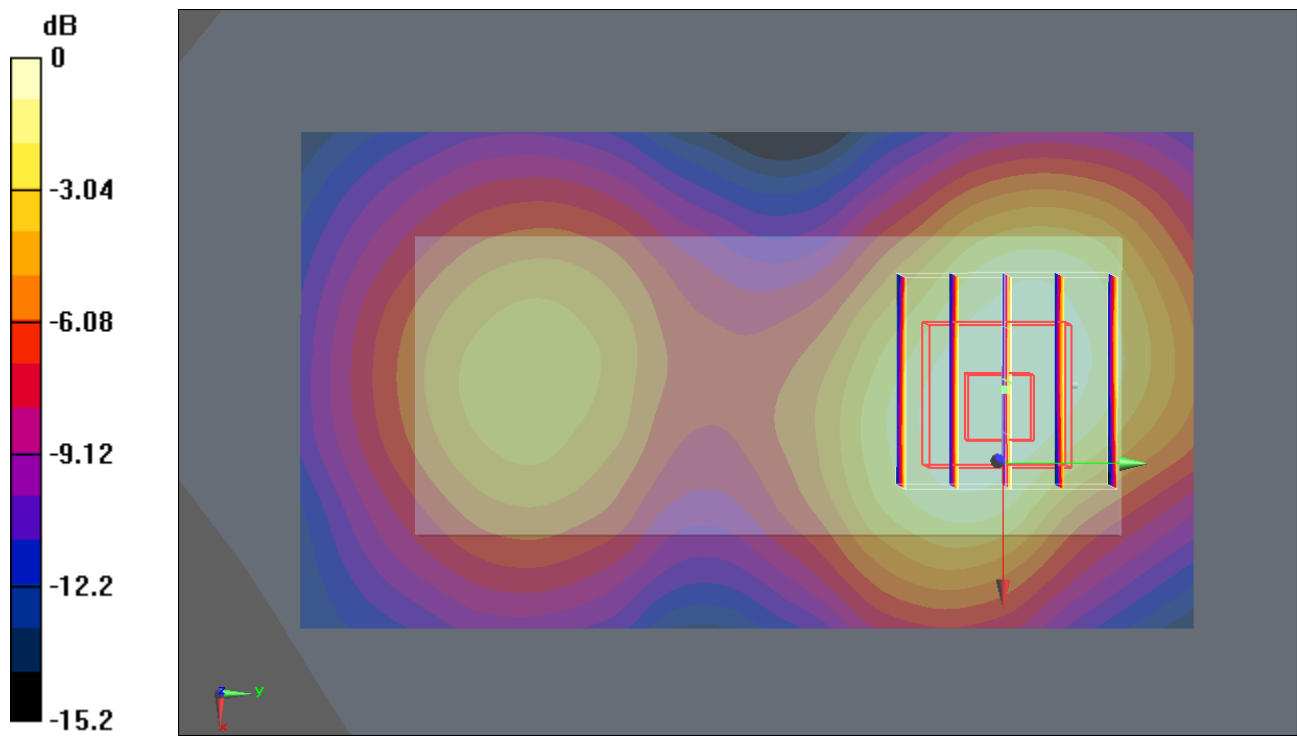
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $16.3 \text{ V/m}$ ; Power Drift =  $-0.099 \text{ dB}$

Peak SAR (extrapolated) =  $0.686 \text{ W/kg}$

**SAR(1 g) =  $0.420 \text{ mW/g}$ ; SAR(10 g) =  $0.250 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.449 \text{ mW/g}$



0 dB = 0.449mW/g

**#13 GSM1900\_GPRS 12\_Bottom\_1.5cm\_Ch512\_2D**

**DUT: 092705**

Communication System: GPRS/EDGE 12; Frequency: 1850.2 MHz; Duty Cycle: 1:2

Medium: MSL\_1900\_101111 Medium parameters used:  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.47 \text{ mho/m}$ ;  $\epsilon_r = 54.7$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.5^\circ\text{C}$ ; Liquid Temperature :  $21.3^\circ\text{C}$

DASY5 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(4.3, 4.3, 4.3); Calibrated: 6/22/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2010/06/22
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch512/Area Scan (51x91x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.491 \text{ mW/g}$

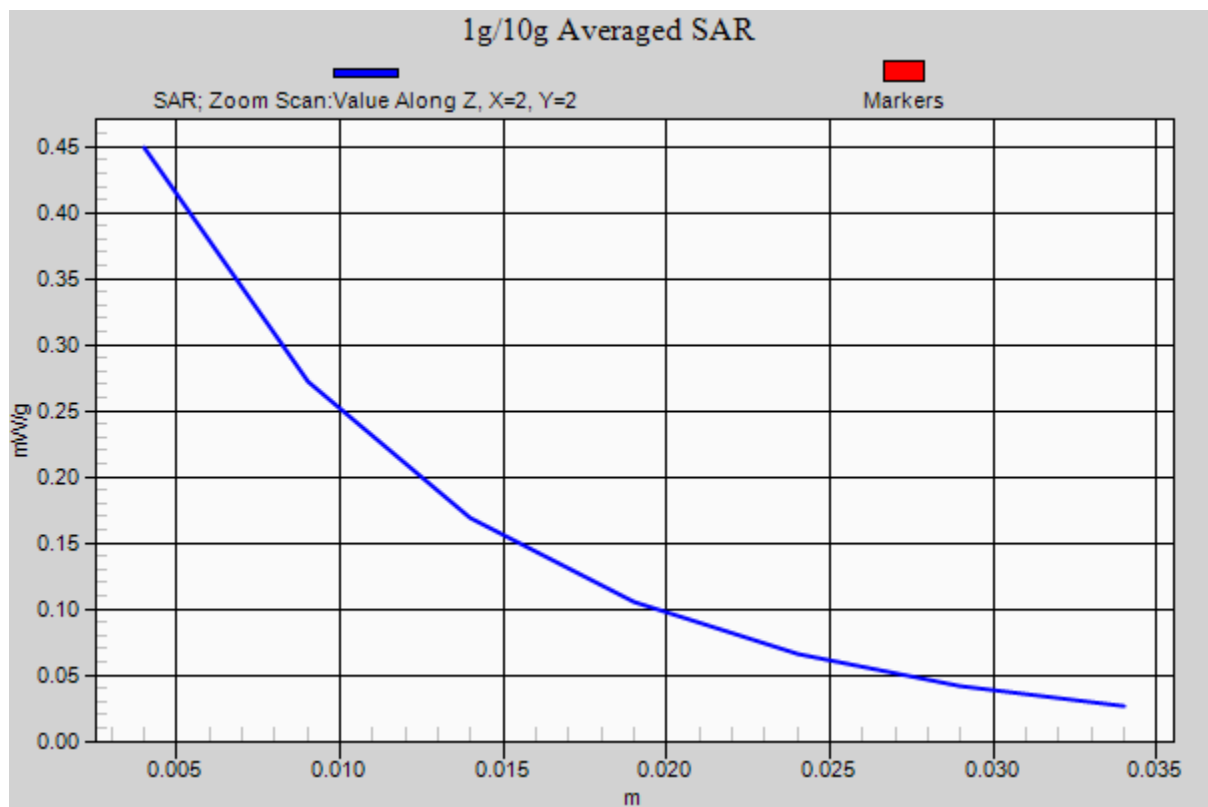
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $16.3 \text{ V/m}$ ; Power Drift =  $-0.099 \text{ dB}$

Peak SAR (extrapolated) =  $0.686 \text{ W/kg}$

**SAR(1 g) =  $0.420 \text{ mW/g}$ ; SAR(10 g) =  $0.250 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.449 \text{ mW/g}$



**#14 GSM1900\_GPRS 12\_Face\_1.5cm\_Ch512**

**DUT: 092705**

Communication System: GPRS/EDGE 12; Frequency: 1850.2 MHz; Duty Cycle: 1:2

Medium: MSL\_1900\_101111 Medium parameters used:  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.47 \text{ mho/m}$ ;  $\epsilon_r = 54.7$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.5^\circ\text{C}$ ; Liquid Temperature :  $21.3^\circ\text{C}$

DASY5 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(4.3, 4.3, 4.3); Calibrated: 6/22/2010
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2010/06/22
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch512/Area Scan (51x91x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.175 \text{ mW/g}$

**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $10.2 \text{ V/m}$ ; Power Drift =  $-0.127 \text{ dB}$

Peak SAR (extrapolated) =  $0.243 \text{ W/kg}$

**SAR(1 g) =  $0.157 \text{ mW/g}$ ; SAR(10 g) =  $0.094 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.172 \text{ mW/g}$

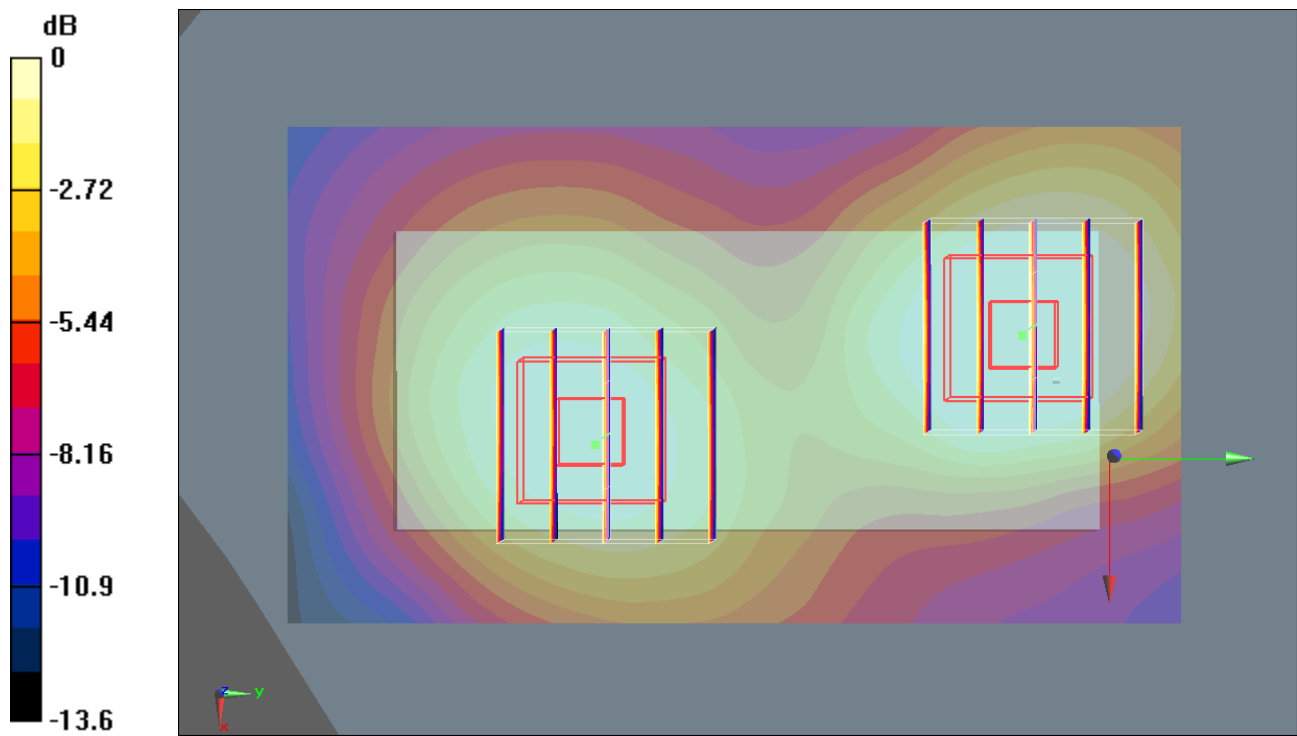
**Ch512/Zoom Scan (5x5x7)/Cube 1:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $10.2 \text{ V/m}$ ; Power Drift =  $-0.127 \text{ dB}$

Peak SAR (extrapolated) =  $0.165 \text{ W/kg}$

**SAR(1 g) =  $0.110 \text{ mW/g}$ ; SAR(10 g) =  $0.070 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.117 \text{ mW/g}$



0 dB = 0.117mW/g