

## **#05 GSM850\_Right Cheek\_Ch251**

### **DUT: 082005-02**

Communication System: Generic GSM; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: HSL\_835\_110401 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.923$  mho/m;  $\epsilon_r = 41.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.3 °C

#### **DASY5 Configuration:**

- Probe: ES3DV3 - SN3071; ConvF(5.81, 5.81, 5.81); Calibrated: 2010-6-22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch251/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.581 mW/g

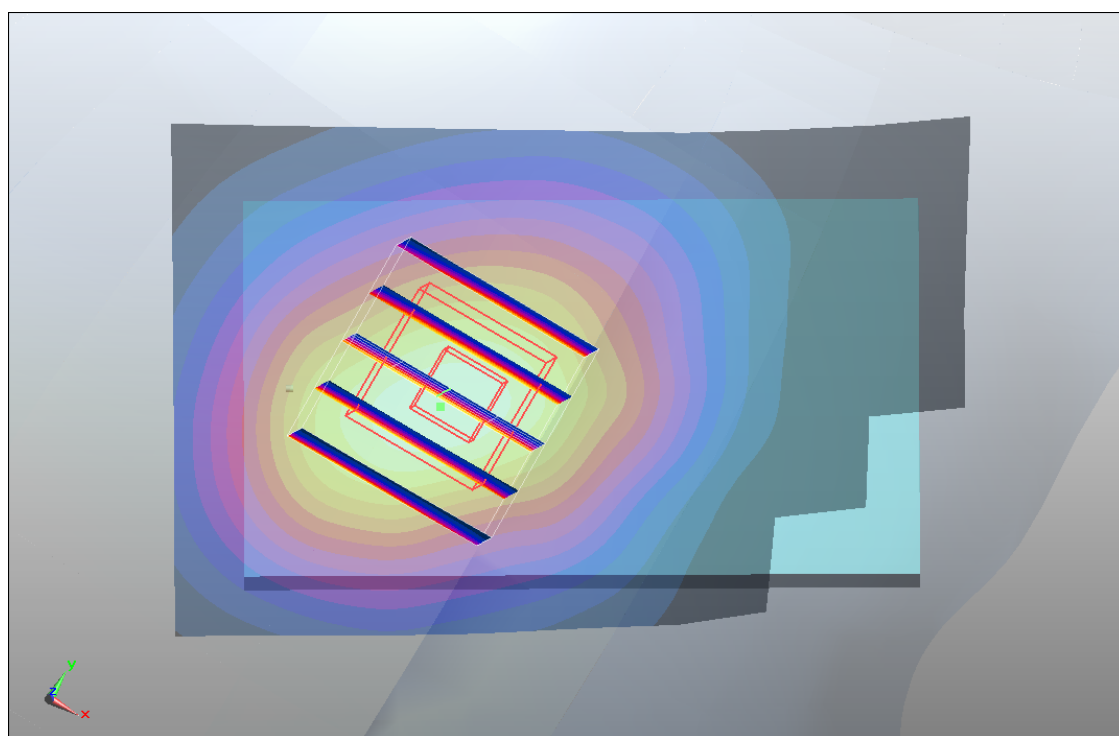
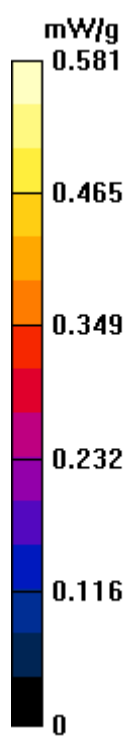
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.6 V/m; Power Drift = -0.059 dB

Peak SAR (extrapolated) = 0.714 W/kg

**SAR(1 g) = 0.529 mW/g; SAR(10 g) = 0.378 mW/g**

Maximum value of SAR (measured) = 0.554 mW/g



## **#06 GSM850\_Right Tilted\_Ch251**

### **DUT: 082005-02**

Communication System: Generic GSM; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: HSL\_835\_110401 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.923$  mho/m;  $\epsilon_r = 41.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.3 °C

#### **DASY5 Configuration:**

- Probe: ES3DV3 - SN3071; ConvF(5.81, 5.81, 5.81); Calibrated: 2010-6-22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch251/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.369 mW/g

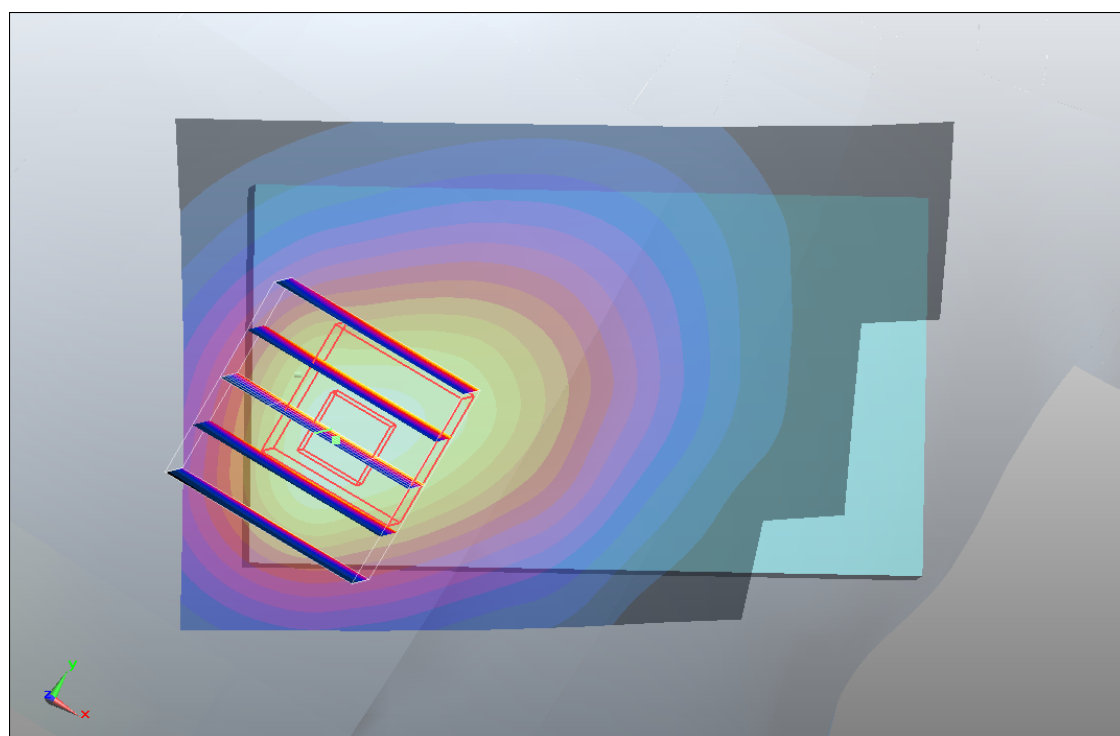
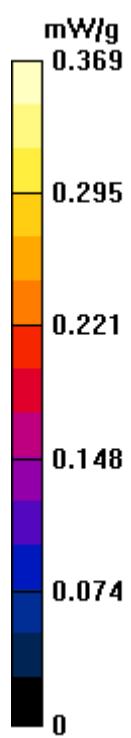
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.3 V/m; Power Drift = -0.077 dB

Peak SAR (extrapolated) = 0.495 W/kg

**SAR(1 g) = 0.347 mW/g; SAR(10 g) = 0.240 mW/g**

Maximum value of SAR (measured) = 0.367 mW/g



**#07 GSM850\_Left Cheek\_Ch251**

**DUT: 082005-02**

Communication System: Generic GSM; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: HSL\_835\_110401 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.923$  mho/m;  $\epsilon_r = 41.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.3 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3071; ConvF(5.81, 5.81, 5.81); Calibrated: 2010-6-22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch251/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.575 mW/g

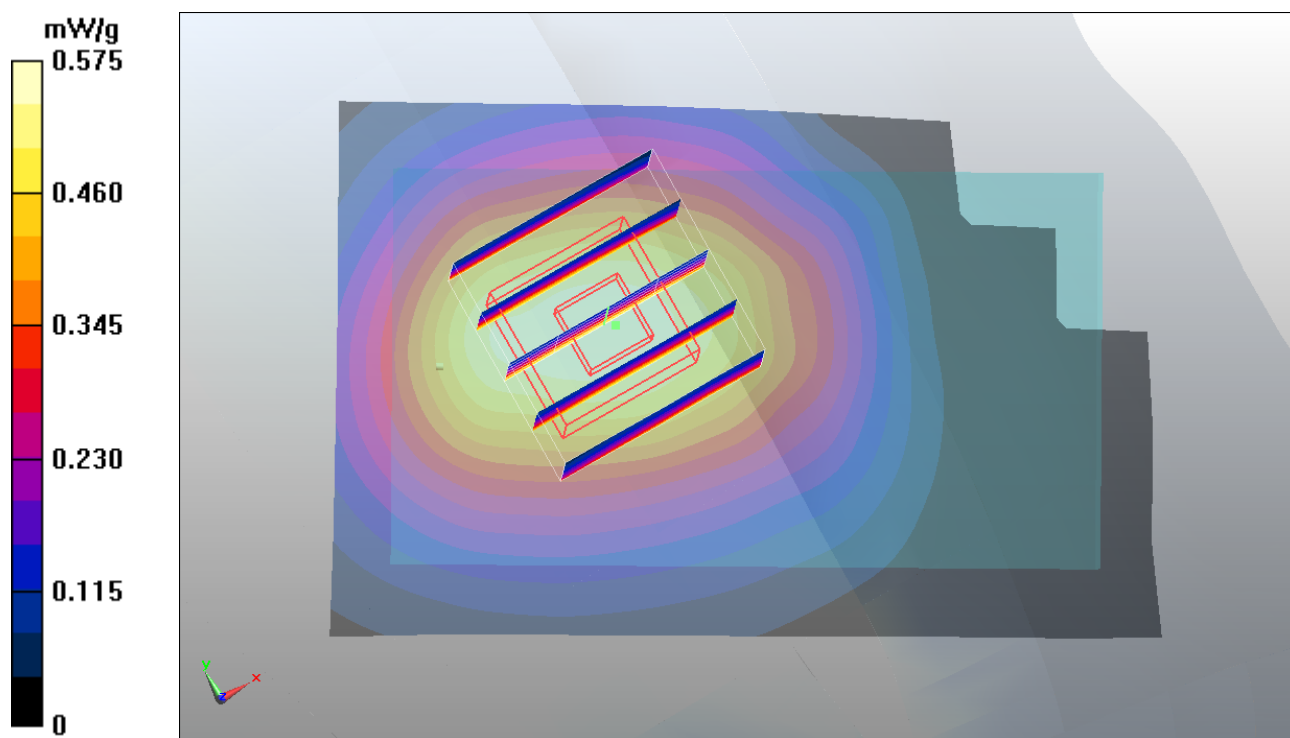
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.2 V/m; Power Drift = -0.104 dB

Peak SAR (extrapolated) = 0.702 W/kg

**SAR(1 g) = 0.539 mW/g; SAR(10 g) = 0.388 mW/g**

Maximum value of SAR (measured) = 0.571 mW/g



**#07 GSM850\_Left Cheek\_Ch251\_2D**

**DUT: 082005-02**

Communication System: Generic GSM; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: HSL\_835\_110401 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.923$  mho/m;  $\epsilon_r = 41.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.3 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3071; ConvF(5.81, 5.81, 5.81); Calibrated: 2010-6-22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch251/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.575 mW/g

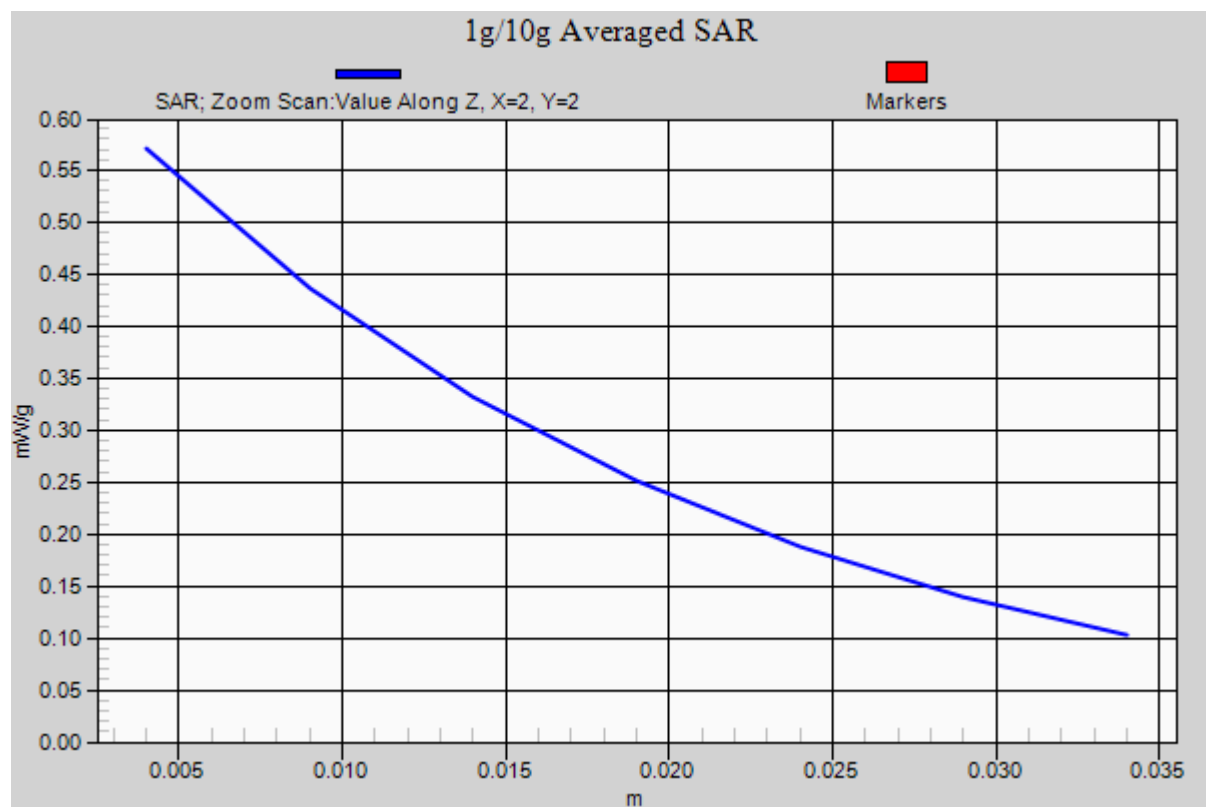
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.2 V/m; Power Drift = -0.104 dB

Peak SAR (extrapolated) = 0.702 W/kg

**SAR(1 g) = 0.539 mW/g; SAR(10 g) = 0.388 mW/g**

Maximum value of SAR (measured) = 0.571 mW/g



## **#08 GSM850\_Left Tilted\_Ch251**

### **DUT: 082005-02**

Communication System: Generic GSM; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: HSL\_835\_110401 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.923$  mho/m;  $\epsilon_r = 41.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.3 °C

#### **DASY5 Configuration:**

- Probe: ES3DV3 - SN3071; ConvF(5.81, 5.81, 5.81); Calibrated: 2010-6-22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch251/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

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

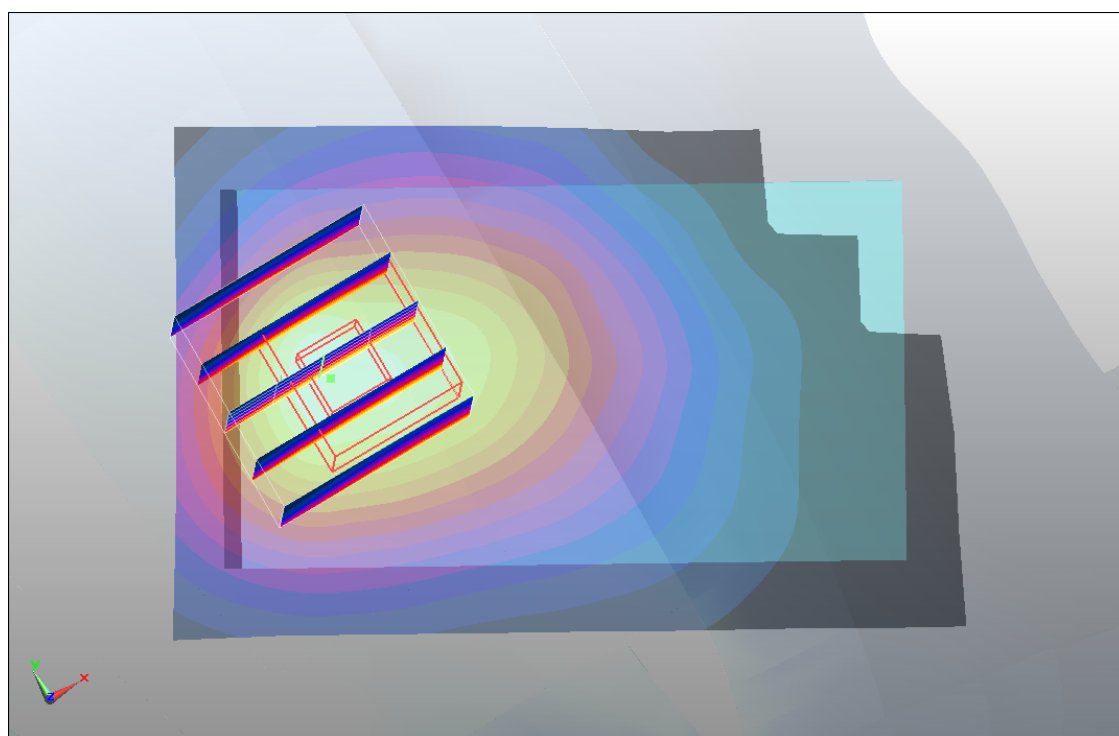
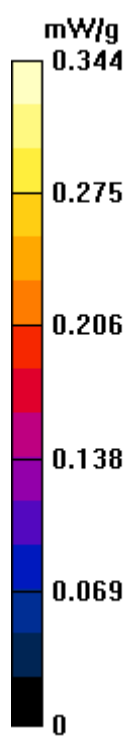
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.5 V/m; Power Drift = 0.048 dB

Peak SAR (extrapolated) = 0.392 W/kg

**SAR(1 g) = 0.310 mW/g; SAR(10 g) = 0.223 mW/g**

Maximum value of SAR (measured) = 0.326 mW/g



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

**DUT: 082005-02**

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

Medium: HSL\_1900\_110401 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.42$  mho/m;  $\epsilon_r = 39.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.5 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3071; ConvF(4.73, 4.73, 4.73); Calibrated: 2010-6-22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch810/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.235 mW/g

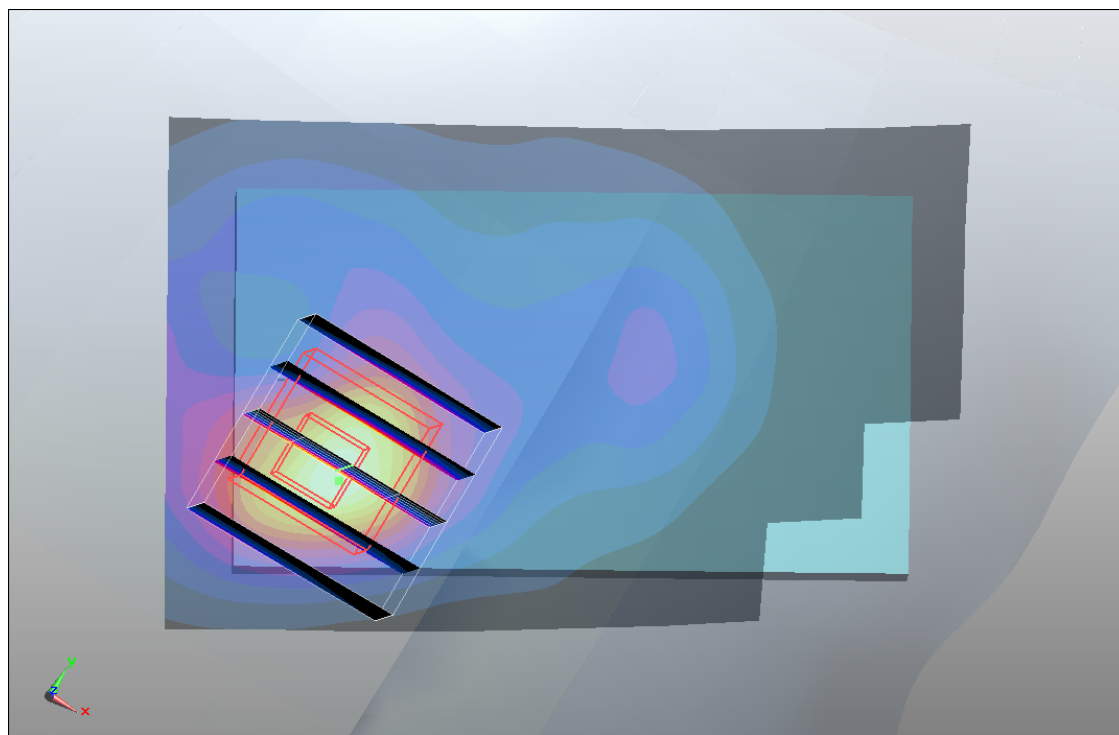
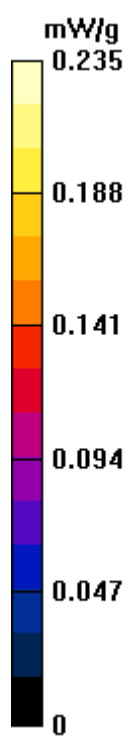
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.2 V/m; Power Drift = 0.010 dB

Peak SAR (extrapolated) = 0.348 W/kg

**SAR(1 g) = 0.195 mW/g; SAR(10 g) = 0.102 mW/g**

Maximum value of SAR (measured) = 0.209 mW/g



**#09 GSM1900\_Right Cheek\_Ch810\_2D**

**DUT: 082005-02**

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

Medium: HSL\_1900\_110401 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.42$  mho/m;  $\epsilon_r = 39.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.5 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3071; ConvF(4.73, 4.73, 4.73); Calibrated: 2010-6-22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch810/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.235 mW/g

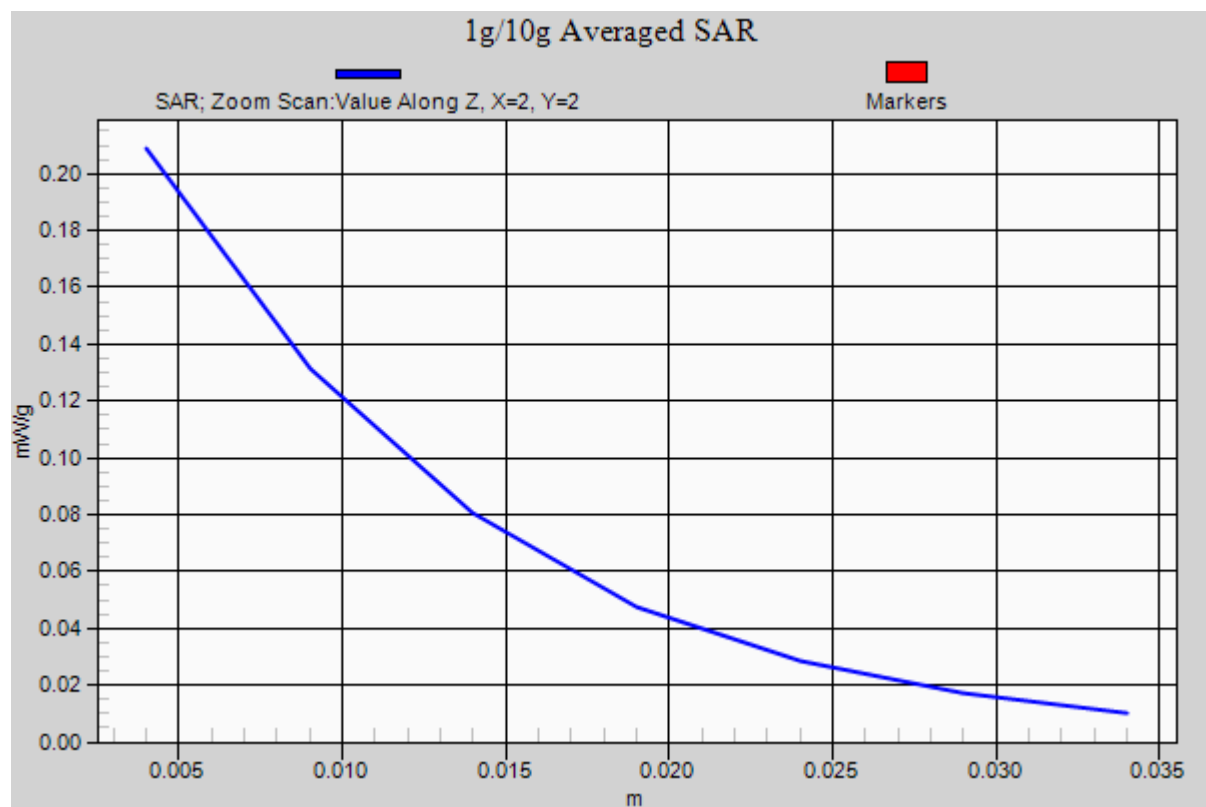
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.2 V/m; Power Drift = 0.010 dB

Peak SAR (extrapolated) = 0.348 W/kg

**SAR(1 g) = 0.195 mW/g; SAR(10 g) = 0.102 mW/g**

Maximum value of SAR (measured) = 0.209 mW/g



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

### **DUT: 082005-02**

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

Medium: HSL\_1900\_110401 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.42$  mho/m;  $\epsilon_r = 39.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.5 °C

#### **DASY5 Configuration:**

- Probe: ES3DV3 - SN3071; ConvF(4.73, 4.73, 4.73); Calibrated: 2010-6-22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch810/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.181 mW/g

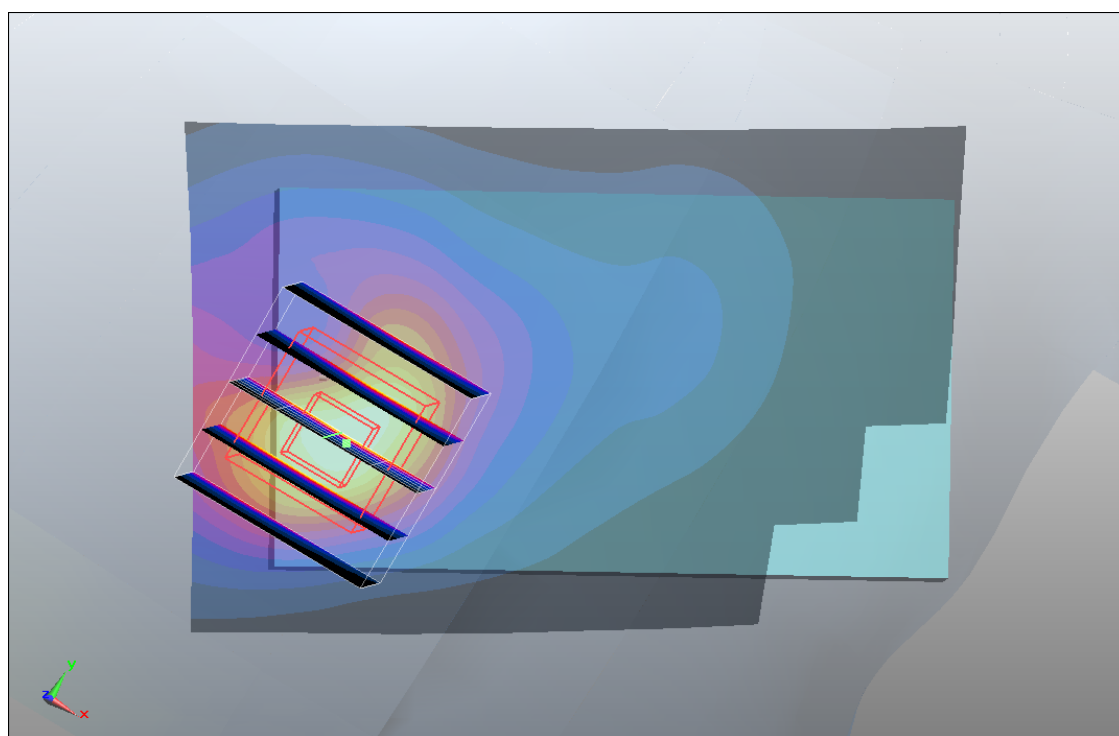
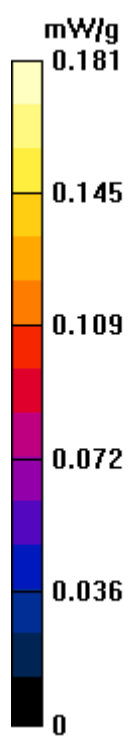
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.51 V/m; Power Drift = 0.00751 dB

Peak SAR (extrapolated) = 0.296 W/kg

**SAR(1 g) = 0.167 mW/g; SAR(10 g) = 0.089 mW/g**

Maximum value of SAR (measured) = 0.186 mW/g



## #11 GSM1900\_Left Cheek\_Ch810

### DUT: 082005-02

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

Medium: HSL\_1900\_110401 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.42$  mho/m;  $\epsilon_r = 39.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.5 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(4.73, 4.73, 4.73); Calibrated: 2010-6-22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch810/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.175 mW/g

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

Reference Value = 10.8 V/m; Power Drift = 0.097 dB

Peak SAR (extrapolated) = 0.320 W/kg

**SAR(1 g) = 0.177 mW/g; SAR(10 g) = 0.093 mW/g**

Maximum value of SAR (measured) = 0.192 mW/g

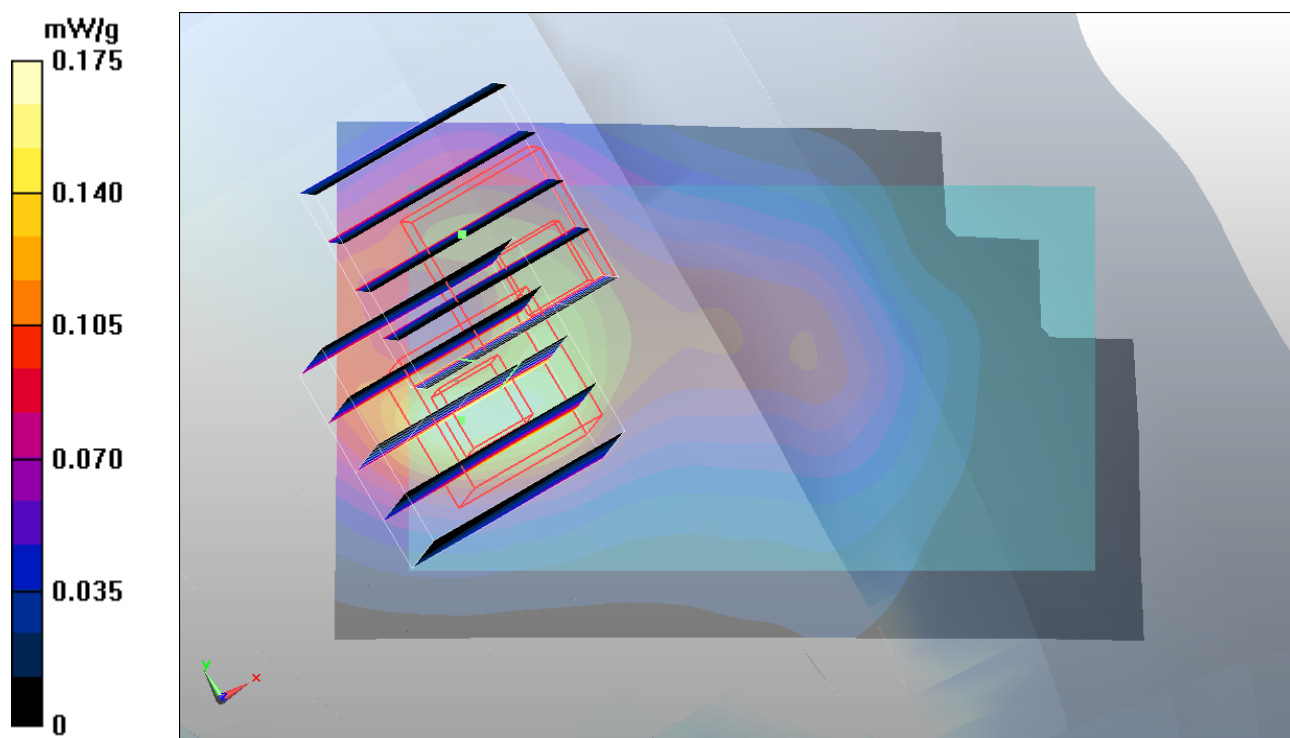
**Ch810/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.8 V/m; Power Drift = 0.097 dB

Peak SAR (extrapolated) = 0.250 W/kg

**SAR(1 g) = 0.108 mW/g; SAR(10 g) = 0.061 mW/g**

Maximum value of SAR (measured) = 0.149 mW/g



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

### **DUT: 082005-02**

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

Medium: HSL\_1900\_110401 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.42$  mho/m;  $\epsilon_r = 39.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.5 °C

#### **DASY5 Configuration:**

- Probe: ES3DV3 - SN3071; ConvF(4.73, 4.73, 4.73); Calibrated: 2010-6-22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; 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) = 0.181 mW/g

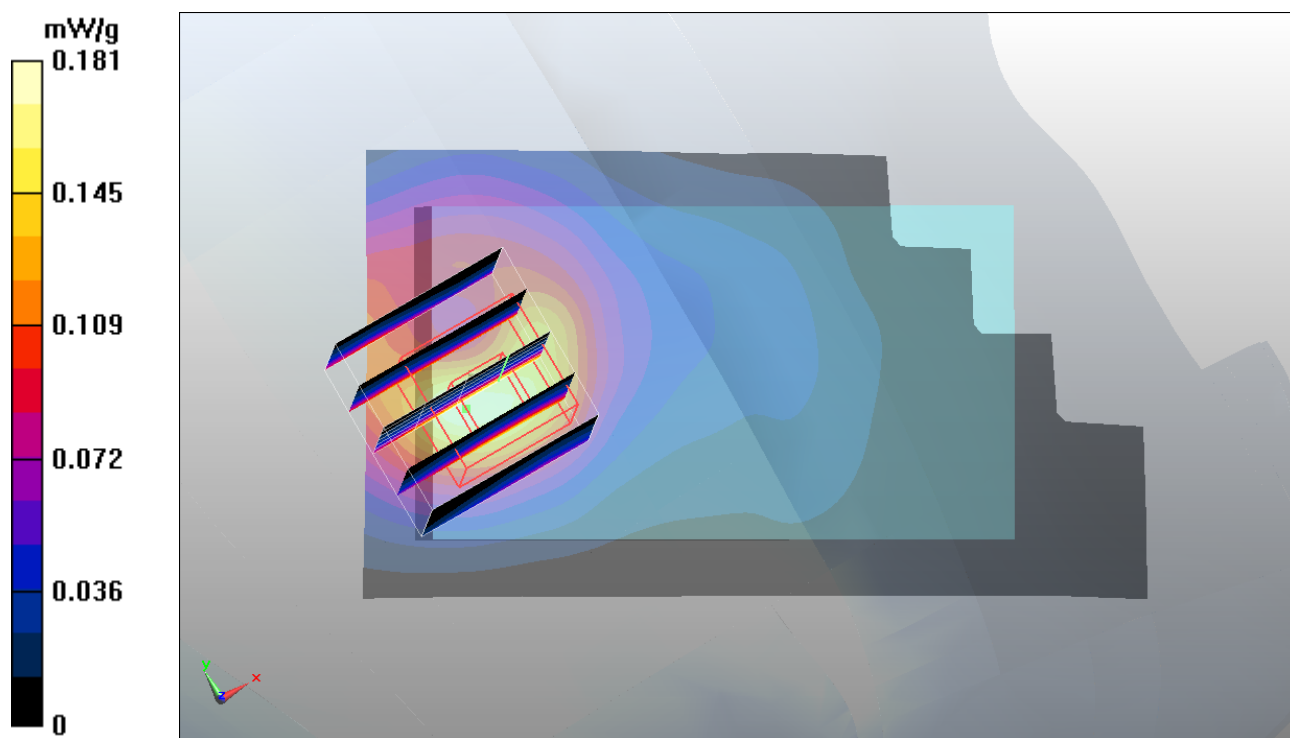
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.8 V/m; Power Drift = 0.028 dB

Peak SAR (extrapolated) = 0.307 W/kg

**SAR(1 g) = 0.171 mW/g; SAR(10 g) = 0.090 mW/g**

Maximum value of SAR (measured) = 0.190 mW/g



**#01 GSM850\_GPRS12\_Bottom\_1.5cm\_Ch251**

**DUT: 082005-02**

Communication System: GPRS/EDGE 12; Frequency: 848.8 MHz; Duty Cycle: 1:2

Medium: MSL\_835\_110401 Medium parameters used:  $f = 849 \text{ MHz}$ ;  $\sigma = 0.988 \text{ mho/m}$ ;  $\epsilon_r = 54.2$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.3 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $21.4 \text{ }^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3071; ConvF(5.79, 5.79, 5.79); Calibrated: 2010-6-22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch251/Area Scan (51x81x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.553 \text{ mW/g}$

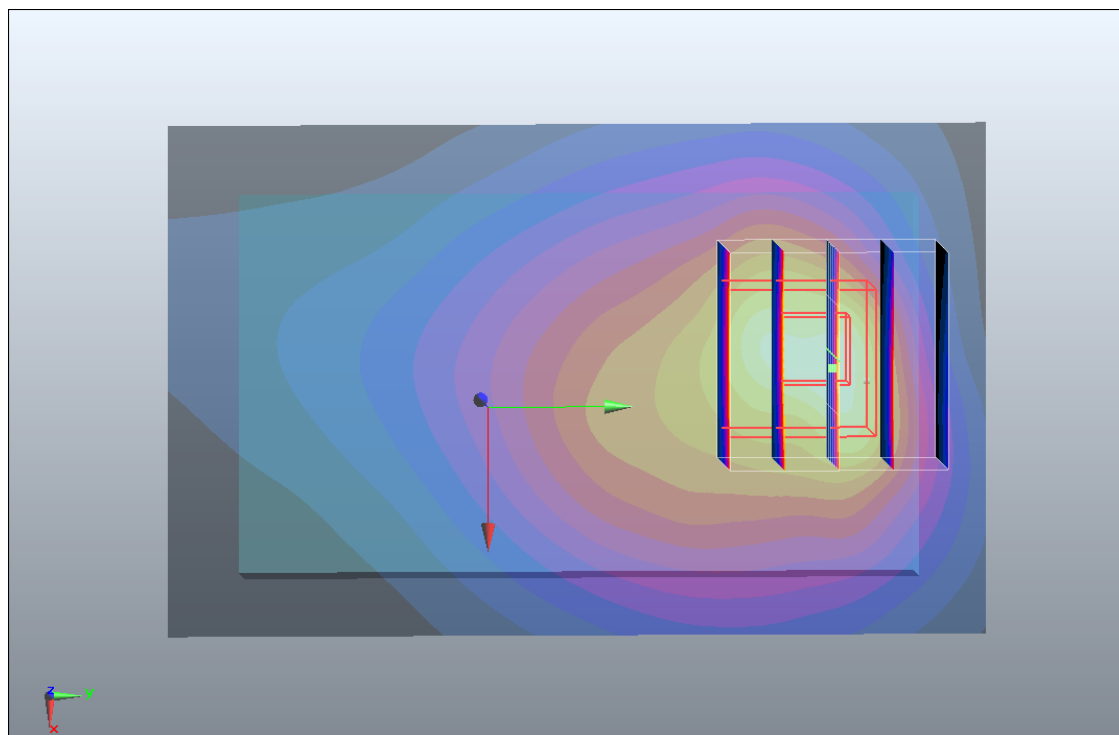
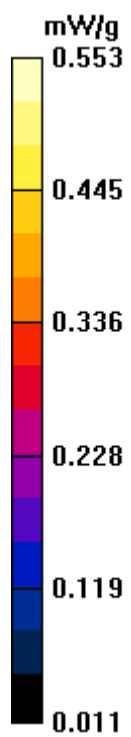
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $18.7 \text{ V/m}$ ; Power Drift =  $-0.056 \text{ dB}$

Peak SAR (extrapolated) =  $0.736 \text{ W/kg}$

**SAR(1 g) =  $0.497 \text{ mW/g}$ ; SAR(10 g) =  $0.325 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.529 \text{ mW/g}$



**#01 GSM850\_GPRS12\_Bottom\_1.5cm\_Ch251\_2D**

**DUT: 082005-02**

Communication System: GPRS/EDGE 12; Frequency: 848.8 MHz; Duty Cycle: 1:2

Medium: MSL\_835\_110401 Medium parameters used:  $f = 849 \text{ MHz}$ ;  $\sigma = 0.988 \text{ mho/m}$ ;  $\epsilon_r = 54.2$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.3 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $21.4 \text{ }^\circ\text{C}$

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3071; ConvF(5.79, 5.79, 5.79); Calibrated: 2010-6-22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch251/Area Scan (51x81x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.553 \text{ mW/g}$

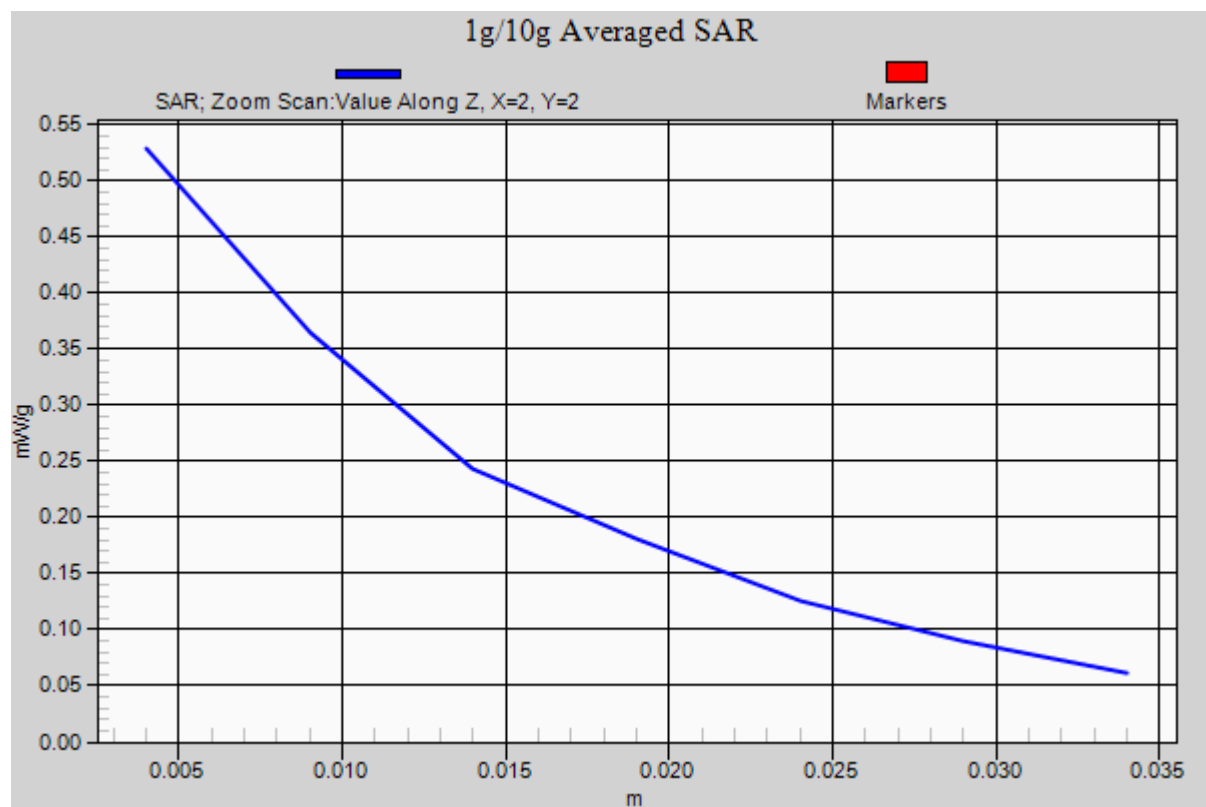
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $18.7 \text{ V/m}$ ; Power Drift =  $-0.056 \text{ dB}$

Peak SAR (extrapolated) =  $0.736 \text{ W/kg}$

**SAR(1 g) =  $0.497 \text{ mW/g}$ ; SAR(10 g) =  $0.325 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.529 \text{ mW/g}$



**#02 GSM850\_GPRS12\_Face\_1.5cm\_Ch251**

**DUT: 082005-02**

Communication System: GPRS/EDGE 12; Frequency: 848.8 MHz; Duty Cycle: 1:2

Medium: MSL\_835\_110401 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.988$  mho/m;  $\epsilon_r = 54.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 21.4 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3071; ConvF(5.79, 5.79, 5.79); Calibrated: 2010-6-22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch251/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.192 mW/g

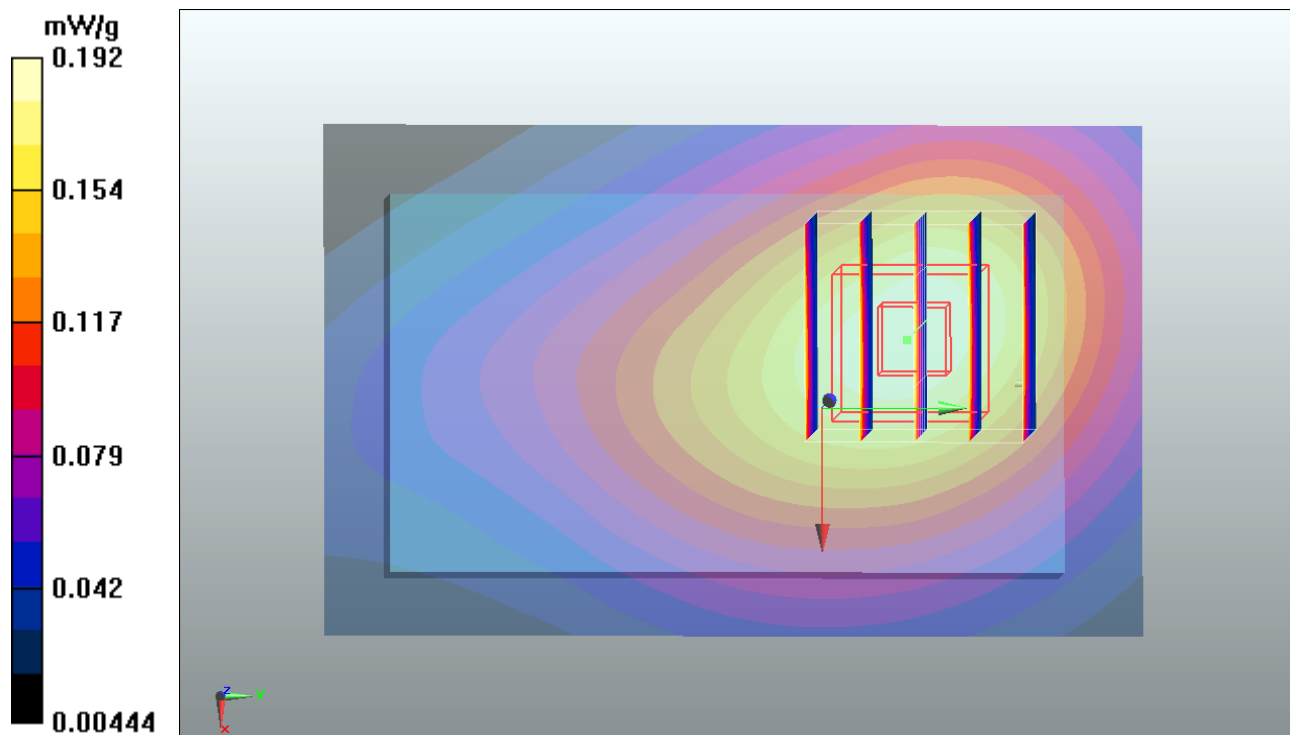
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.3 V/m; Power Drift = 0.041 dB

Peak SAR (extrapolated) = 0.234 W/kg

**SAR(1 g) = 0.179 mW/g; SAR(10 g) = 0.130 mW/g**

Maximum value of SAR (measured) = 0.188 mW/g



### #03 GSM1900\_GPRS12\_Bottom\_1.5cm\_Ch810

#### DUT: 082005-02

Communication System: GPRS/EDGE 12; Frequency: 1909.8 MHz; Duty Cycle: 1:2

Medium: MSL\_1900\_110401 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 53.9$ ;

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

Ambient Temperature : 23.5 °C; Liquid Temperature : 21.6 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(4.3, 4.3, 4.3); Calibrated: 2010-6-22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch810/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.203 mW/g

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

Reference Value = 10.2 V/m; Power Drift = 0.076 dB

Peak SAR (extrapolated) = 0.276 W/kg

**SAR(1 g) = 0.184 mW/g; SAR(10 g) = 0.113 mW/g**

Maximum value of SAR (measured) = 0.200 mW/g

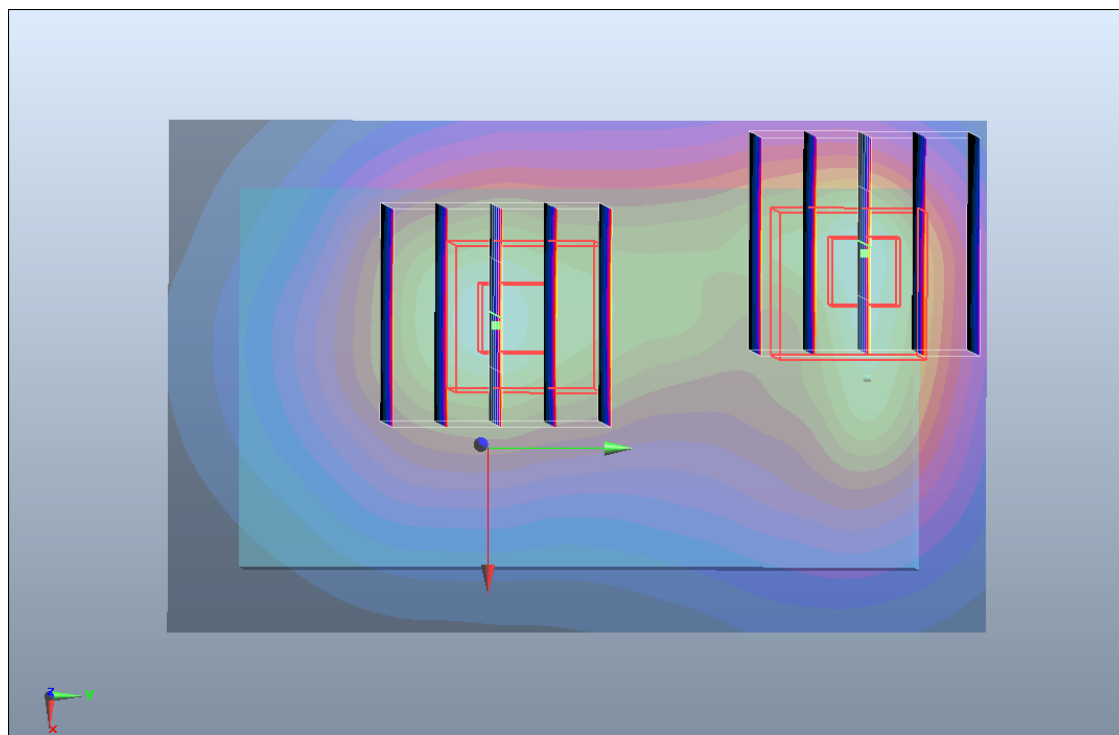
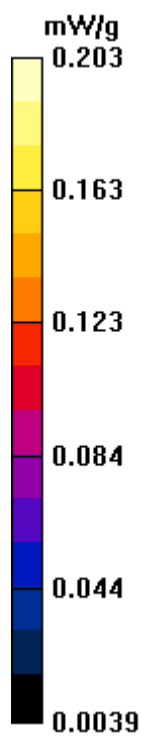
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.2 V/m; Power Drift = 0.076 dB

Peak SAR (extrapolated) = 0.245 W/kg

**SAR(1 g) = 0.168 mW/g; SAR(10 g) = 0.110 mW/g**

Maximum value of SAR (measured) = 0.181 mW/g



### #03 GSM1900\_GPRS12\_Bottom\_1.5cm\_Ch810\_2D

#### DUT: 082005-02

Communication System: GPRS/EDGE 12; Frequency: 1909.8 MHz; Duty Cycle: 1:2

Medium: MSL\_1900\_110401 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 53.9$ ;

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

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.6 °C

#### DASY5 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(4.3, 4.3, 4.3); Calibrated: 2010-6-22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch810/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.203 mW/g

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

Reference Value = 10.2 V/m; Power Drift = 0.076 dB

Peak SAR (extrapolated) = 0.276 W/kg

**SAR(1 g) = 0.184 mW/g; SAR(10 g) = 0.113 mW/g**

Maximum value of SAR (measured) = 0.200 mW/g

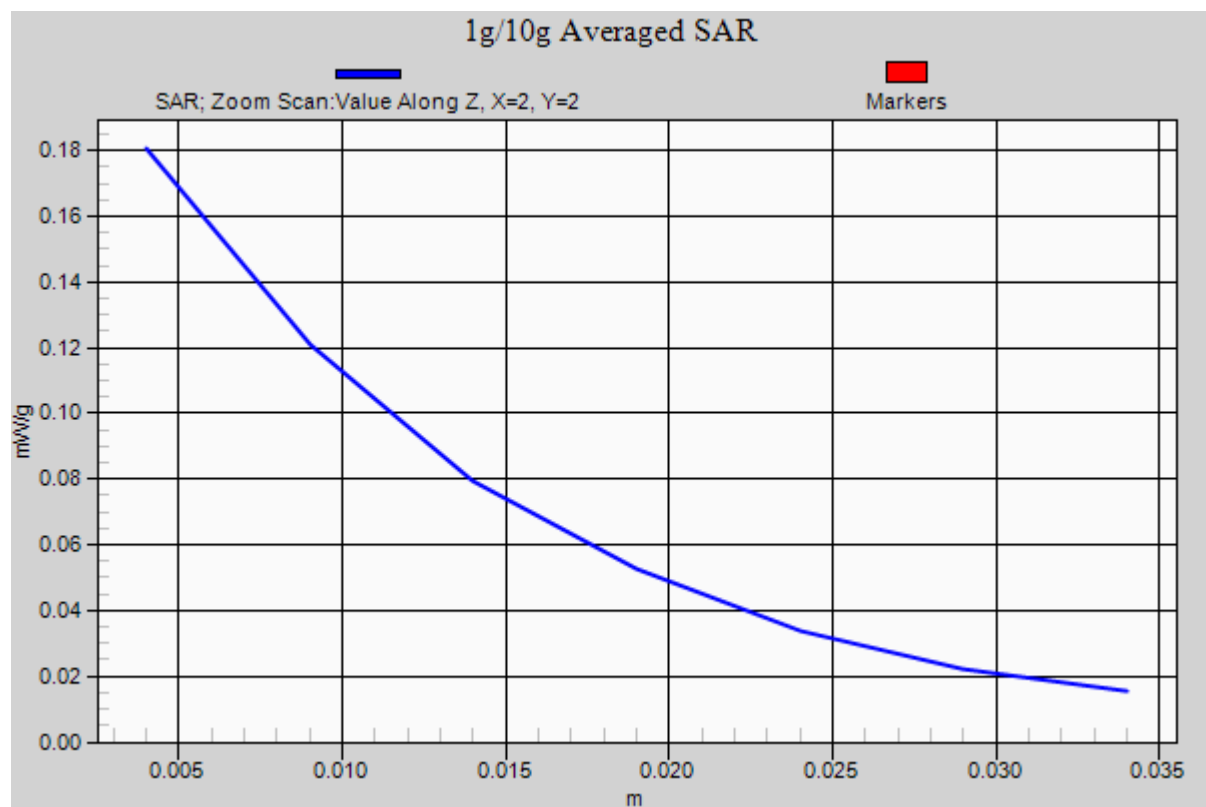
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.2 V/m; Power Drift = 0.076 dB

Peak SAR (extrapolated) = 0.245 W/kg

**SAR(1 g) = 0.168 mW/g; SAR(10 g) = 0.110 mW/g**

Maximum value of SAR (measured) = 0.181 mW/g



**#04 GSM1900\_GPRS12\_Face\_1.5cm\_Ch810**

**DUT: 082005-02**

Communication System: GPRS/EDGE 12; Frequency: 1909.8 MHz; Duty Cycle: 1:2

Medium: MSL\_1900\_110401 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 53.9$ ;

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

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.6 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3071; ConvF(4.3, 4.3, 4.3); Calibrated: 2010-6-22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18
- Phantom: SAM3; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch810/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.086 mW/g

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

Reference Value = 6.6 V/m; Power Drift = 0.081 dB

Peak SAR (extrapolated) = 0.131 W/kg

**SAR(1 g) = 0.082 mW/g; SAR(10 g) = 0.049 mW/g**

Maximum value of SAR (measured) = 0.089 mW/g

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

Reference Value = 6.6 V/m; Power Drift = 0.081 dB

Peak SAR (extrapolated) = 0.099 W/kg

**SAR(1 g) = 0.067 mW/g; SAR(10 g) = 0.044 mW/g**

Maximum value of SAR (measured) = 0.071 mW/g

