



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

The plots are shown as follows.

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

**DUT: 1D0806**

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

Medium: HSL\_850\_111219 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.922$  mho/m;  $\epsilon_r = 41.484$ ;

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

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(8.45, 8.45, 8.45); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

**Ch251/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.135 mW/g

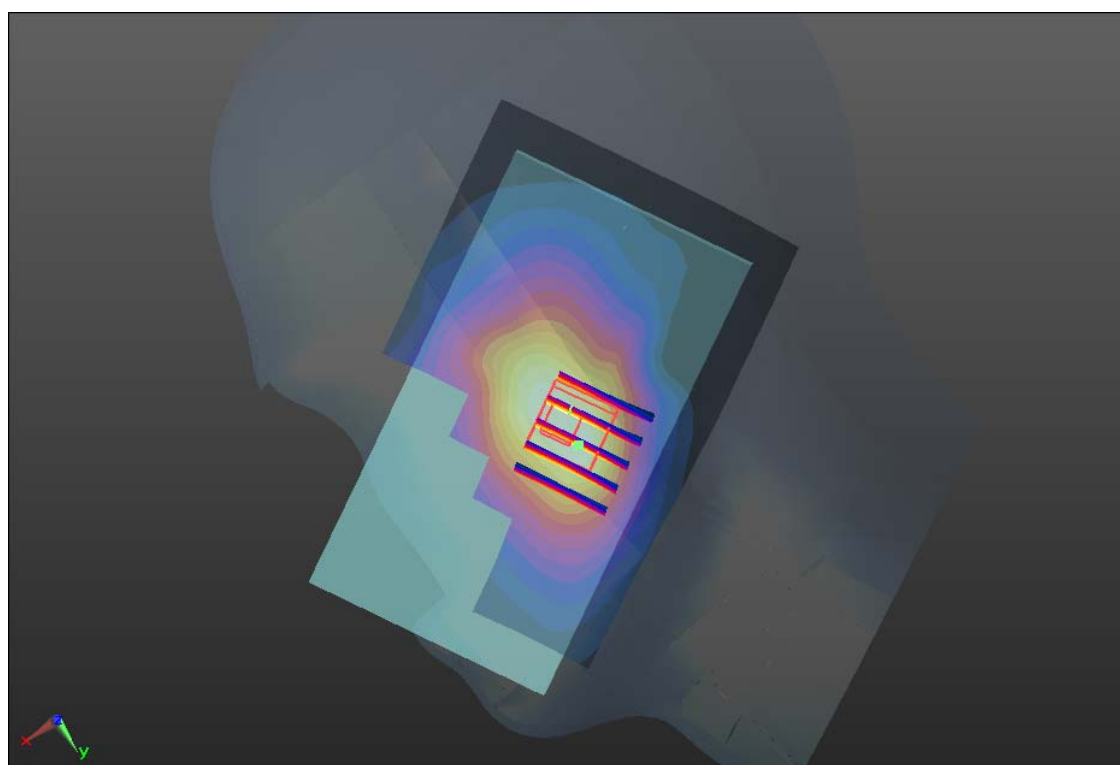
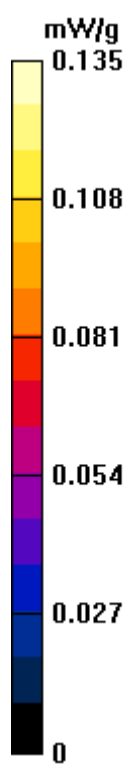
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.208 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.160 W/kg

**SAR(1 g) = 0.133 mW/g; SAR(10 g) = 0.100 mW/g**

Maximum value of SAR (measured) = 0.138 mW/g



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

### **DUT: 1D0806**

Communication System: General GSM; Frequency: 848.8 MHz; Duty Cycle: 1:8.30042

Medium: HSL\_850\_111219 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.922$  mho/m;  $\epsilon_r = 41.484$ ;

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

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

#### **DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(8.45, 8.45, 8.45); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

**Ch251/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.135 mW/g

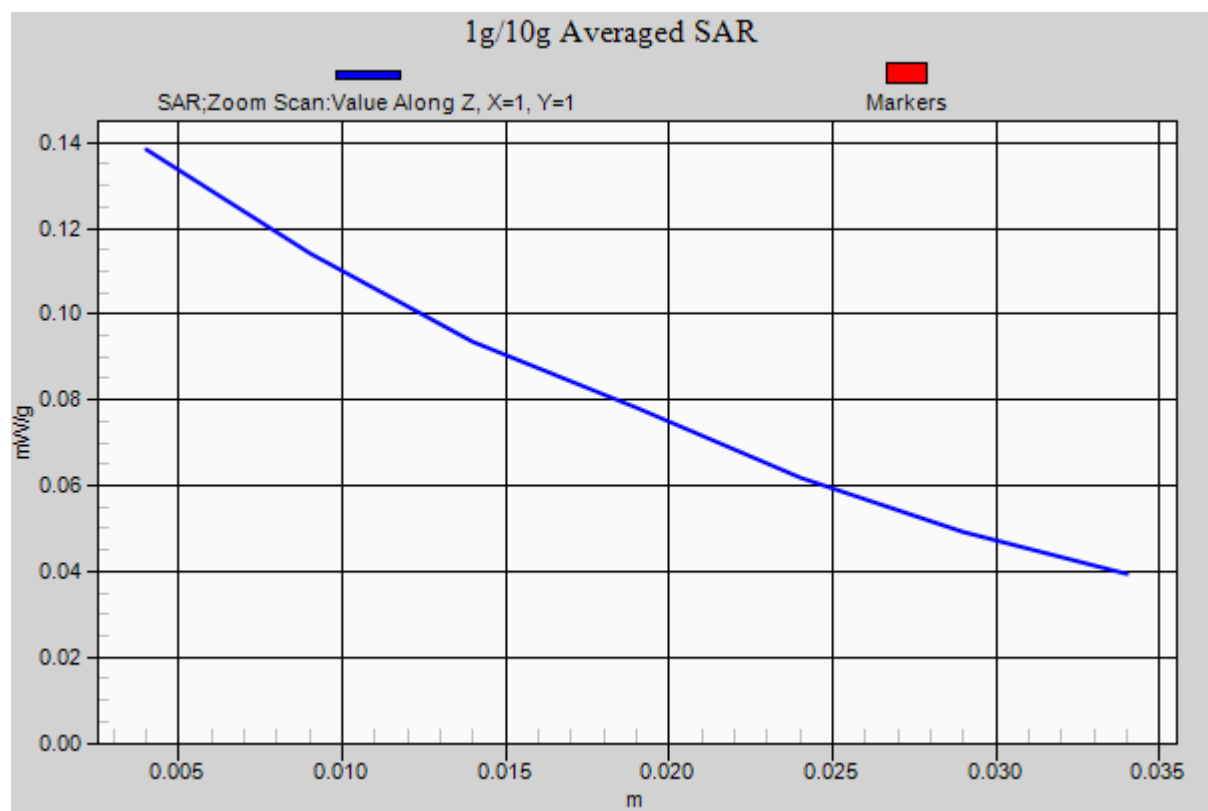
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.208 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.160 W/kg

**SAR(1 g) = 0.133 mW/g; SAR(10 g) = 0.100 mW/g**

Maximum value of SAR (measured) = 0.138 mW/g



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

### **DUT: 1D0806**

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

Medium: HSL\_850\_111219 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.922$  mho/m;  $\epsilon_r = 41.484$ ;

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

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

#### **DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(8.45, 8.45, 8.45); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

**Ch251/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

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

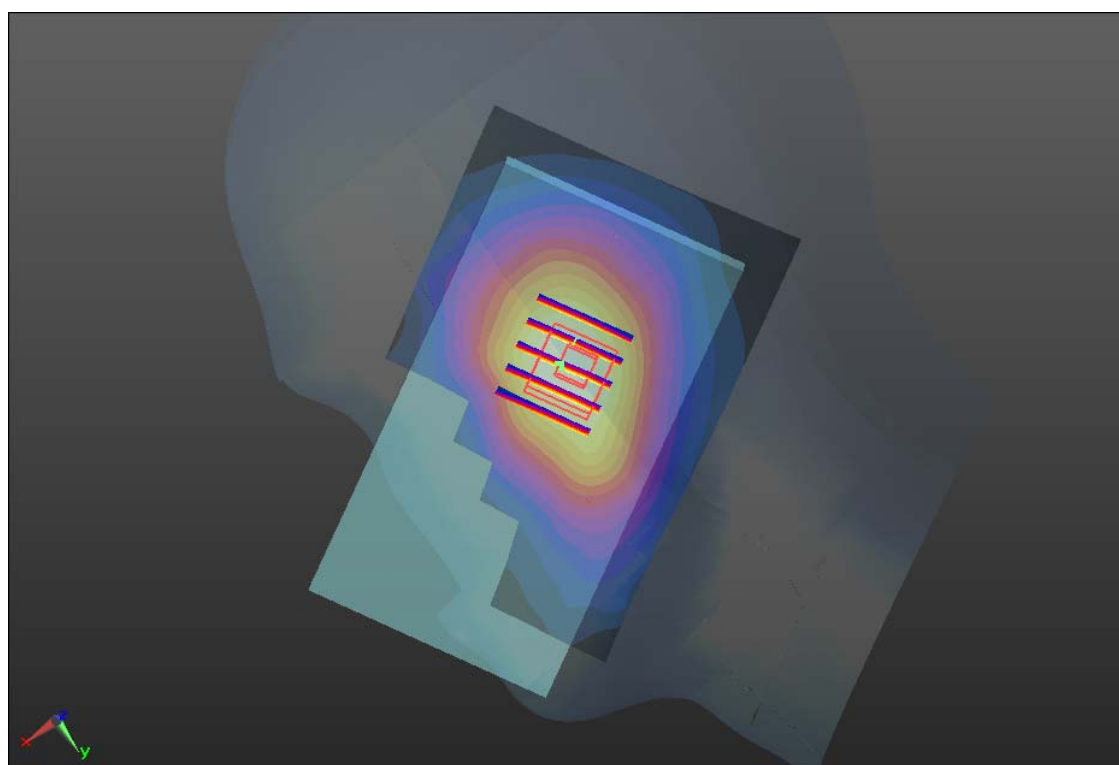
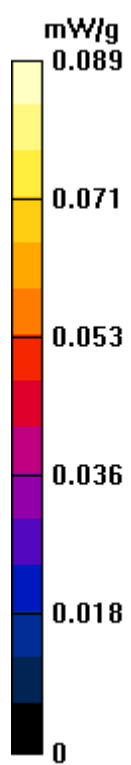
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.025 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.101 W/kg

**SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.066 mW/g**

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



### #03 GSM850\_Left Cheek\_Ch251

#### DUT: 1D0806

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

Medium: HSL\_850\_111219 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.922$  mho/m;  $\epsilon_r = 41.484$ ;

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

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.45, 8.45, 8.45); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

**Ch251/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.121 mW/g

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

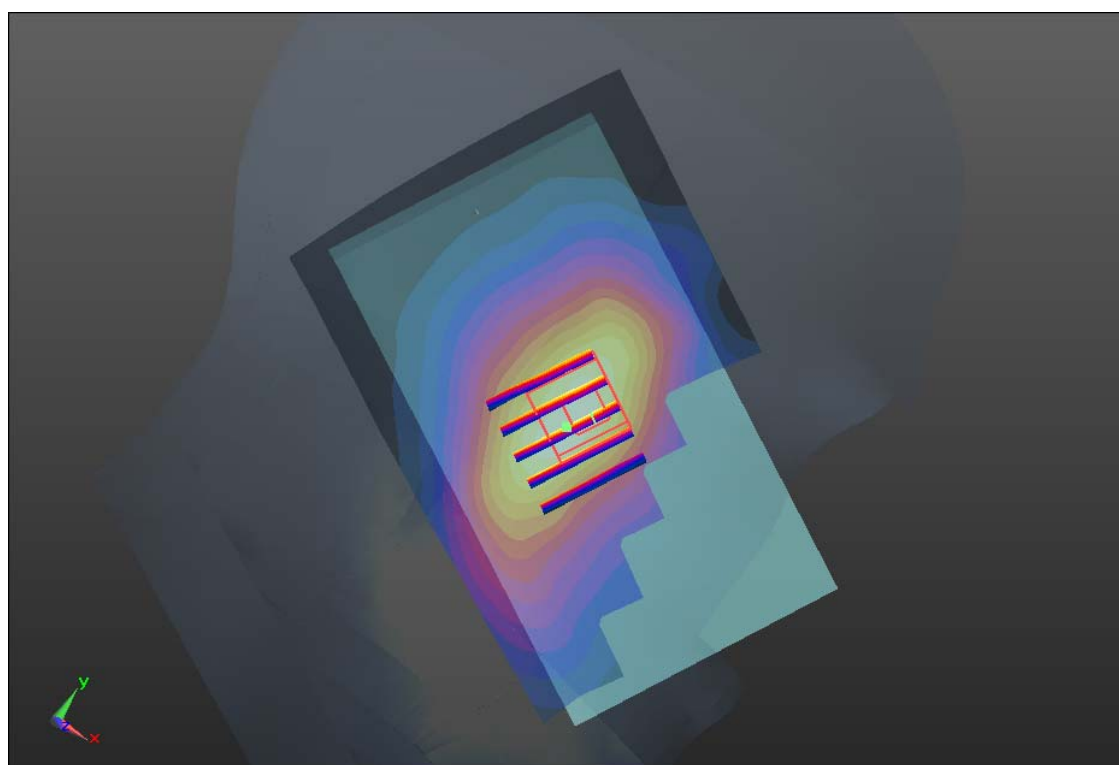
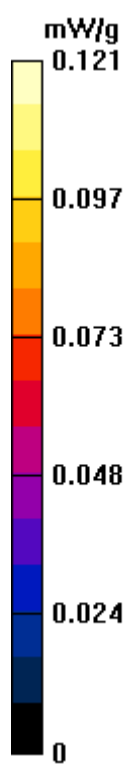
Reference Value = 3.170 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.166 W/kg

**SAR(1 g) = 0.116 mW/g; SAR(10 g) = 0.087 mW/g**

Maximum value of SAR (measured) = 0.127 mW/g





**#04 GSM850\_Left Tited\_Ch251**

**DUT: 1D0806**

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

Medium: HSL\_850\_111219 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.922$  mho/m;  $\epsilon_r = 41.484$ ;

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

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(8.45, 8.45, 8.45); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

**Ch251/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.079 mW/g

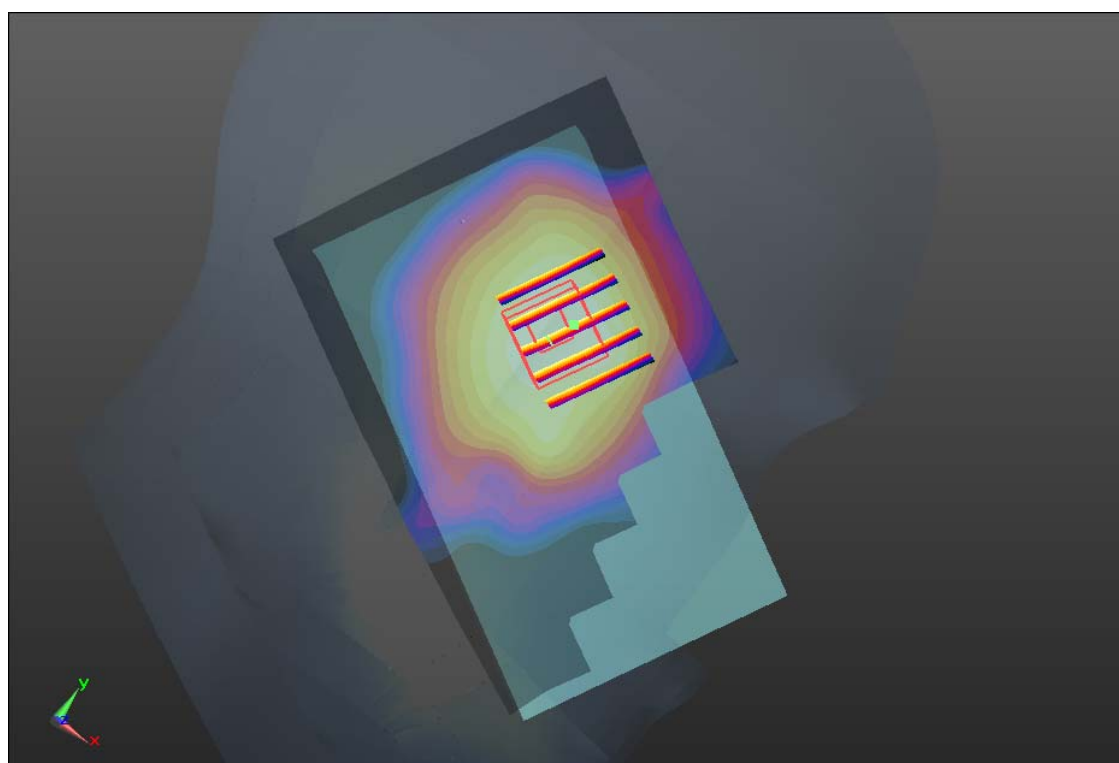
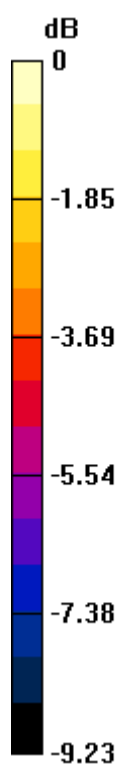
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.612 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.099 W/kg

**SAR(1 g) = 0.075 mW/g; SAR(10 g) = 0.056 mW/g**

Maximum value of SAR (measured) = 0.080 mW/g



0 dB = 0.080mW/g

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

### **DUT: 1D0806**

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

Medium: HSL\_1900\_111219 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.362$  mho/m;  $\epsilon_r =$

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

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

#### **DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(7.46, 7.46, 7.46); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

**Ch512/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.080 mW/g

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

Reference Value = 2.768 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.146 W/kg

**SAR(1 g) = 0.066 mW/g; SAR(10 g) = 0.036 mW/g**

Maximum value of SAR (measured) = 0.079 mW/g

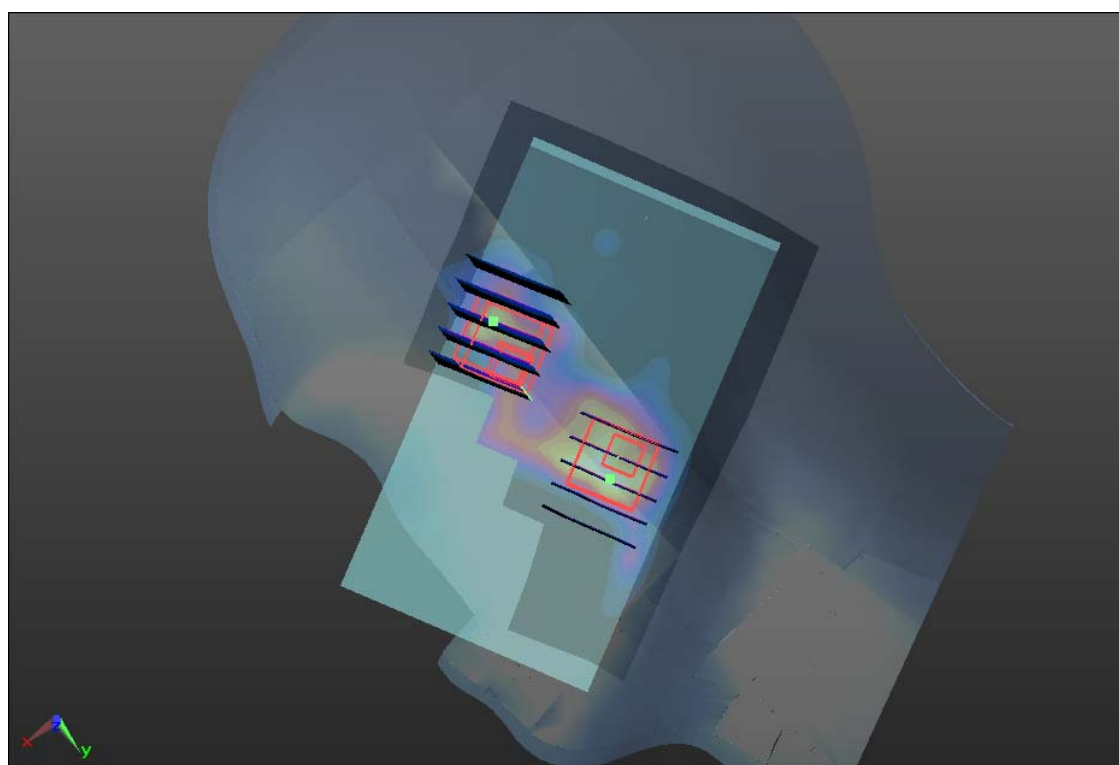
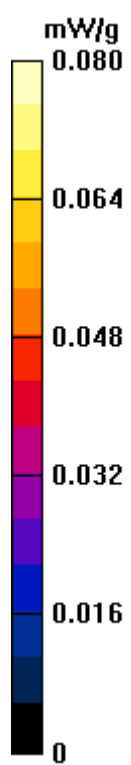
**Ch512/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.768 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.070 W/kg

**SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.023 mW/g**

Maximum value of SAR (measured) = 0.044 mW/g



## #06 GSM1900\_Right Tilted\_Ch512

### DUT: 1D0806

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

Medium: HSL\_1900\_111219 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.362$  mho/m;  $\epsilon_r =$

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

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.46, 7.46, 7.46); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

**Ch512/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.032 mW/g

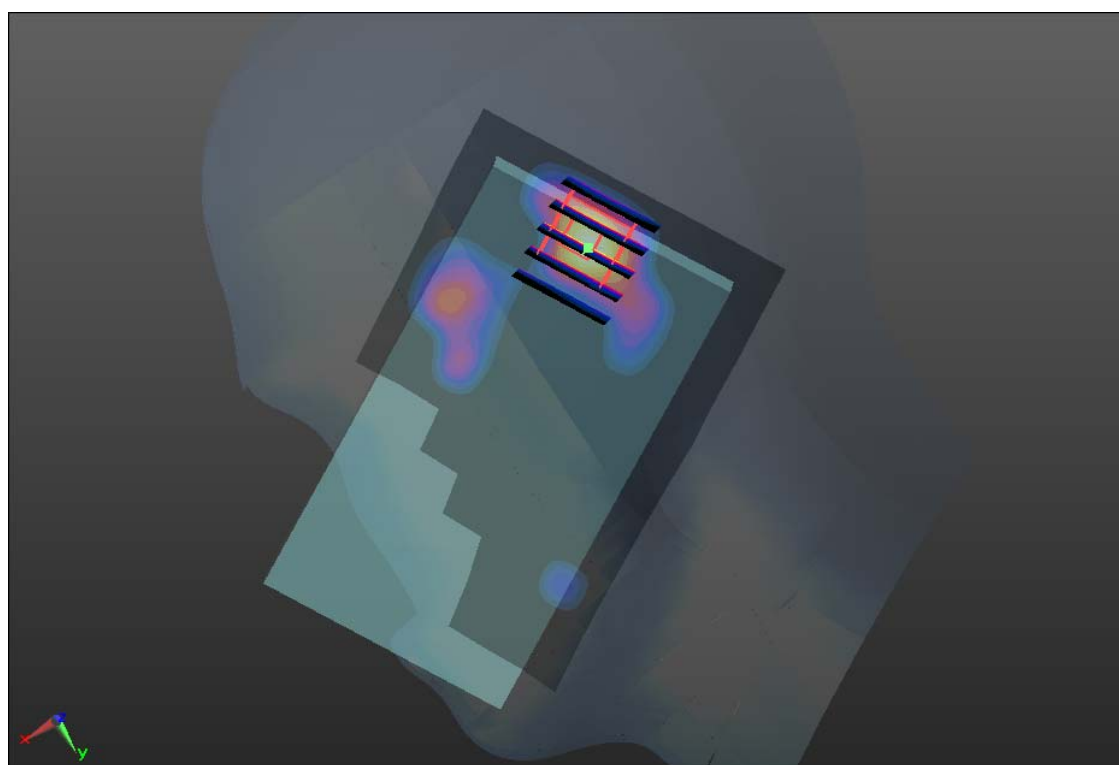
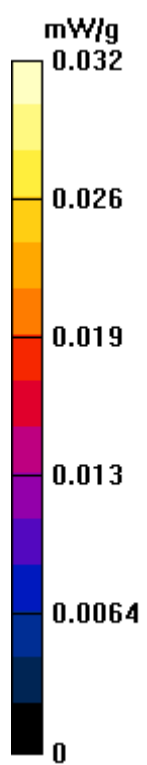
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.794 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.055 W/kg

**SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.015 mW/g**

Maximum value of SAR (measured) = 0.031 mW/g



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

### **DUT: 1D0806**

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

Medium: HSL\_1900\_111219 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.362$  mho/m;  $\epsilon_r =$

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

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

#### **DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(7.46, 7.46, 7.46); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

**Ch512/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.132 mW/g

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

Reference Value = 3.089 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.135 W/kg

**SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.038 mW/g**

Maximum value of SAR (measured) = 0.079 mW/g

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

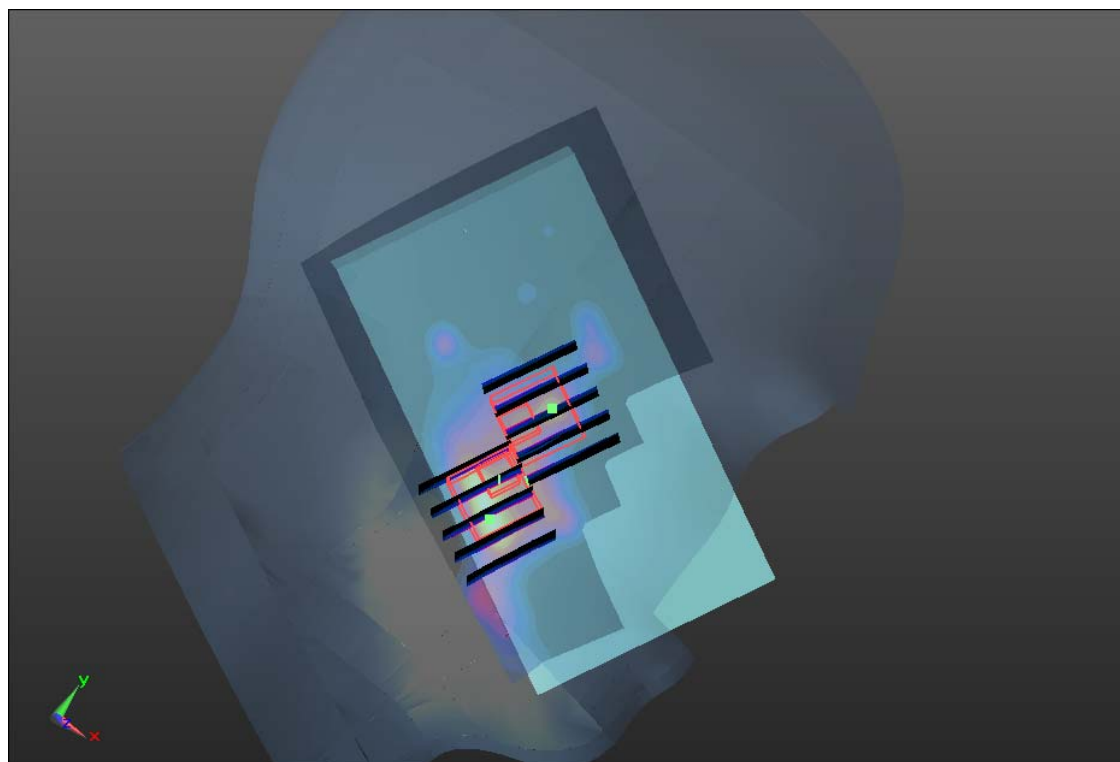
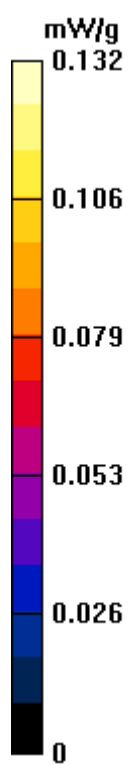
Reference Value = 3.089 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.139 W/kg

**SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.028 mW/g**

Maximum value of SAR (measured) = 0.083 mW/g





## **#07 GSM1900\_Left Cheek\_Ch512\_2D**

### **DUT: 1D0806**

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

Medium: HSL\_1900\_111219 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.362$  mho/m;  $\epsilon_r =$

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

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

#### **DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(7.46, 7.46, 7.46); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

**Ch512/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.132 mW/g

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

Reference Value = 3.089 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.135 W/kg

**SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.038 mW/g**

Maximum value of SAR (measured) = 0.079 mW/g

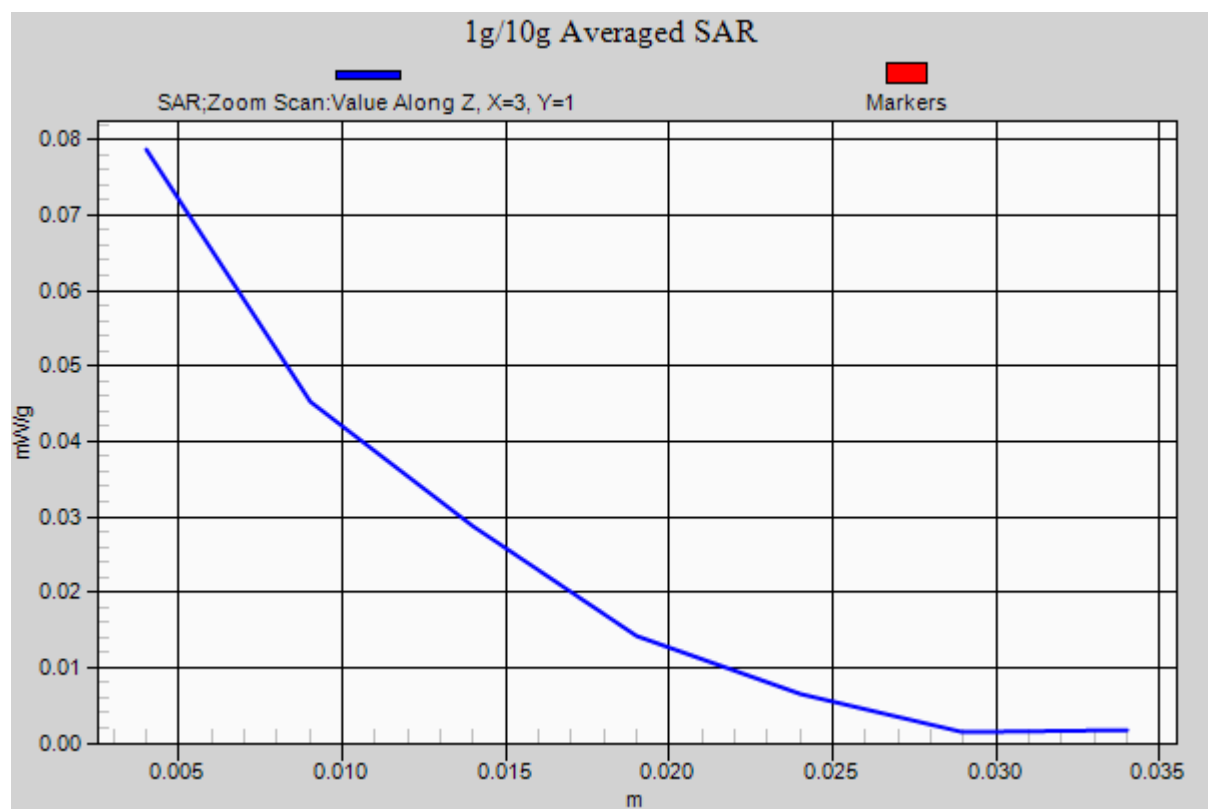
**Ch512/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.089 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.139 W/kg

**SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.028 mW/g**

Maximum value of SAR (measured) = 0.083 mW/g



**#08 GSM1900\_Left Tited\_Ch512**

**DUT: 1D0806**

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

Medium: HSL\_1900\_111219 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.362$  mho/m;  $\epsilon_r =$

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

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(7.46, 7.46, 7.46); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

**Ch512/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.040 mW/g

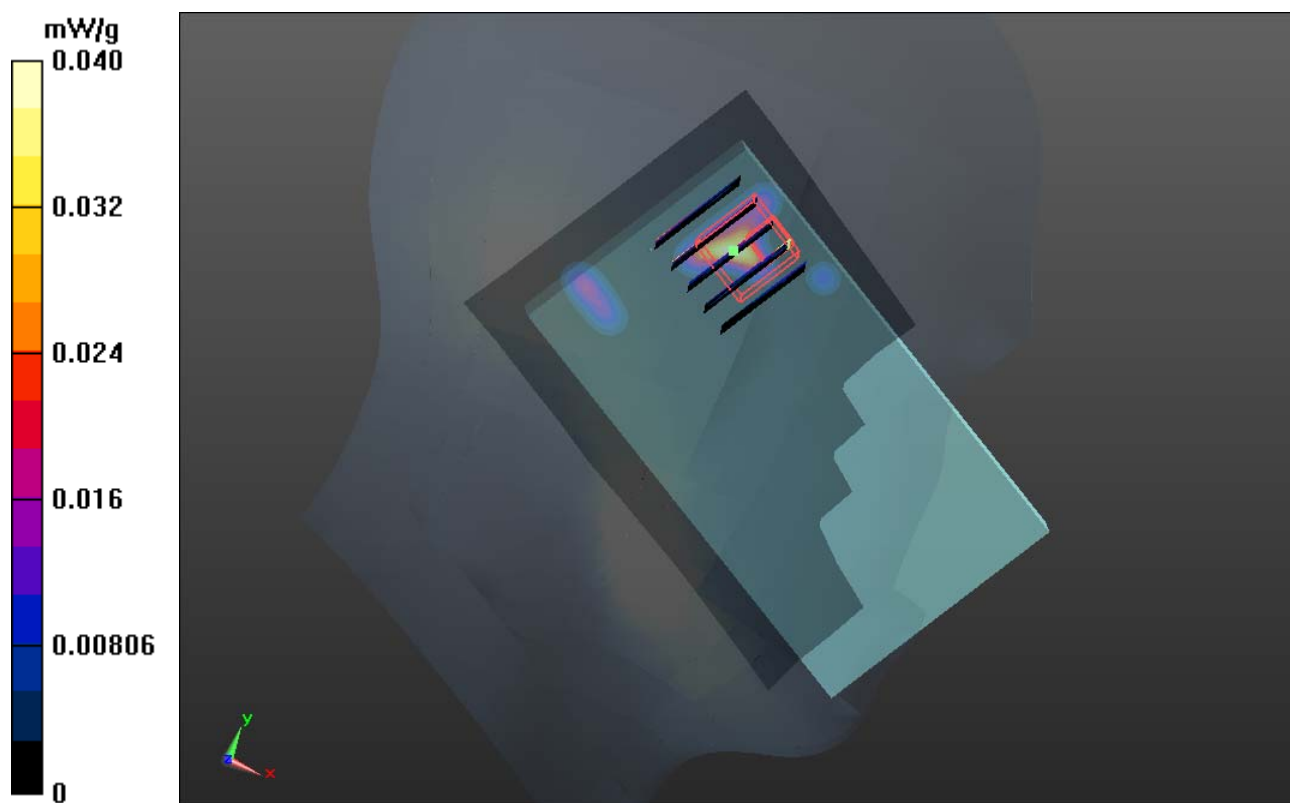
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.614 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.109 W/kg

**SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.0018 mW/g**

Maximum value of SAR (measured) = 0.051 mW/g



## **#09 WCDMA V\_RMC 12.2K\_Right Cheek\_Ch4182**

### **DUT: 1D0806**

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

Medium: HSL\_850\_111219 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.91$  mho/m;  $\epsilon_r = 41.635$ ;

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

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

#### **DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(8.45, 8.45, 8.45); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 0.080 mW/g

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

Reference Value = 3.837 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.123 W/kg

**SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.059 mW/g**

Maximum value of SAR (measured) = 0.092 mW/g

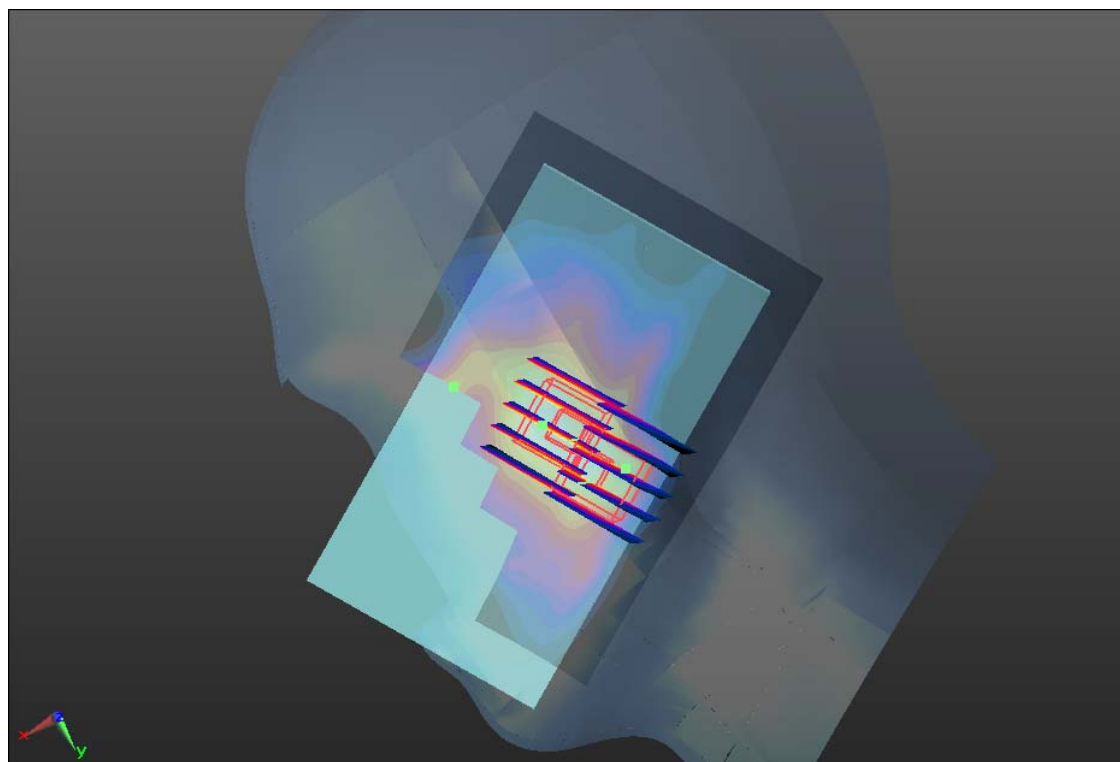
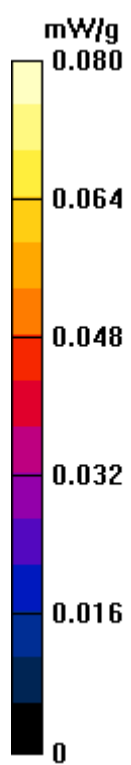
**Ch4182/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.837 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.112 W/kg

**SAR(1 g) = 0.076 mW/g; SAR(10 g) = 0.047 mW/g**

Maximum value of SAR (measured) = 0.079 mW/g



## **#10 WCDMA V\_RMC 12.2K\_Right Tilted\_Ch4182**

### **DUT: 1D0806**

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

Medium: HSL\_850\_111219 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.91$  mho/m;  $\epsilon_r = 41.635$ ;

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

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

#### **DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(8.45, 8.45, 8.45); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 0.051 mW/g

**Ch4182/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.902 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.069 W/kg

**SAR(1 g) = 0.044 mW/g; SAR(10 g) = 0.033 mW/g**

Maximum value of SAR (measured) = 0.054 mW/g

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

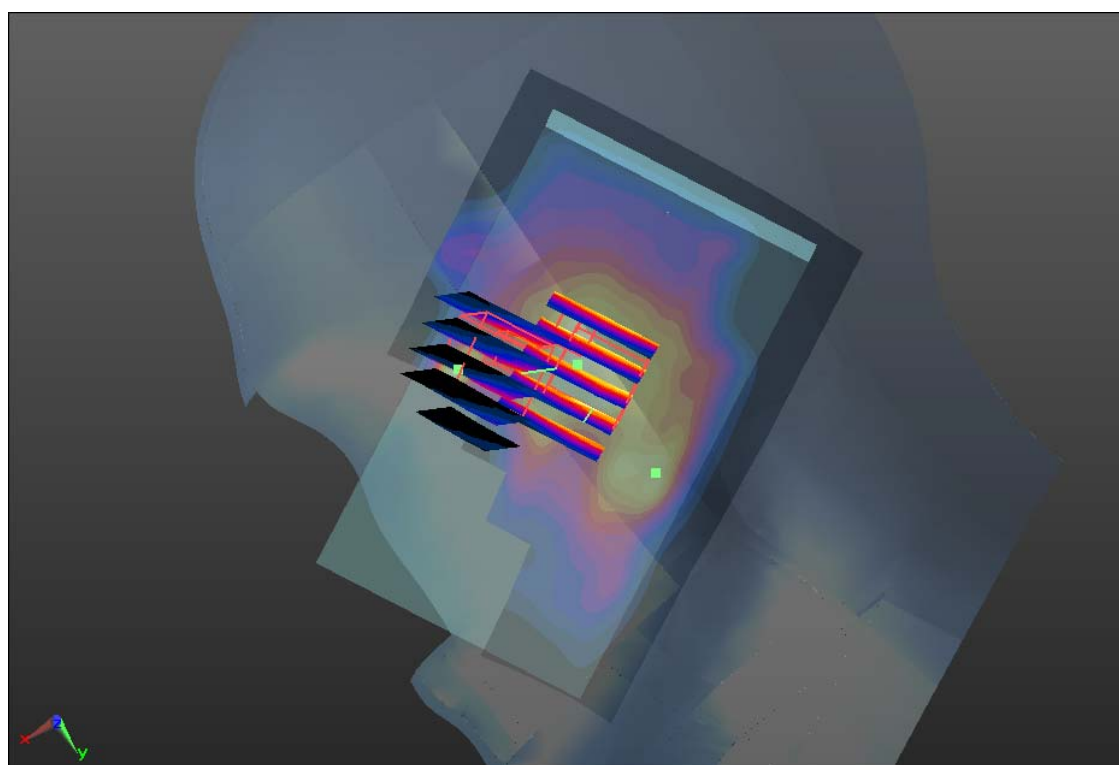
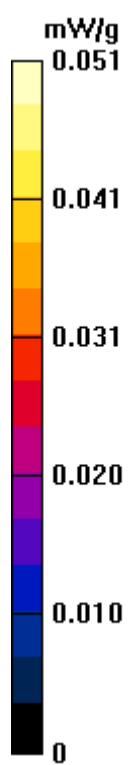
Reference Value = 3.902 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.044 W/kg

**SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.015 mW/g**

Maximum value of SAR (measured) = 0.037 mW/g





## **#11 WCDMA V\_RMC 12.2K\_Left Cheek\_Ch4182**

### **DUT: 1D0806**

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

Medium: HSL\_850\_111219 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.91$  mho/m;  $\epsilon_r = 41.635$ ;

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

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

#### **DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(8.45, 8.45, 8.45); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 0.088 mW/g

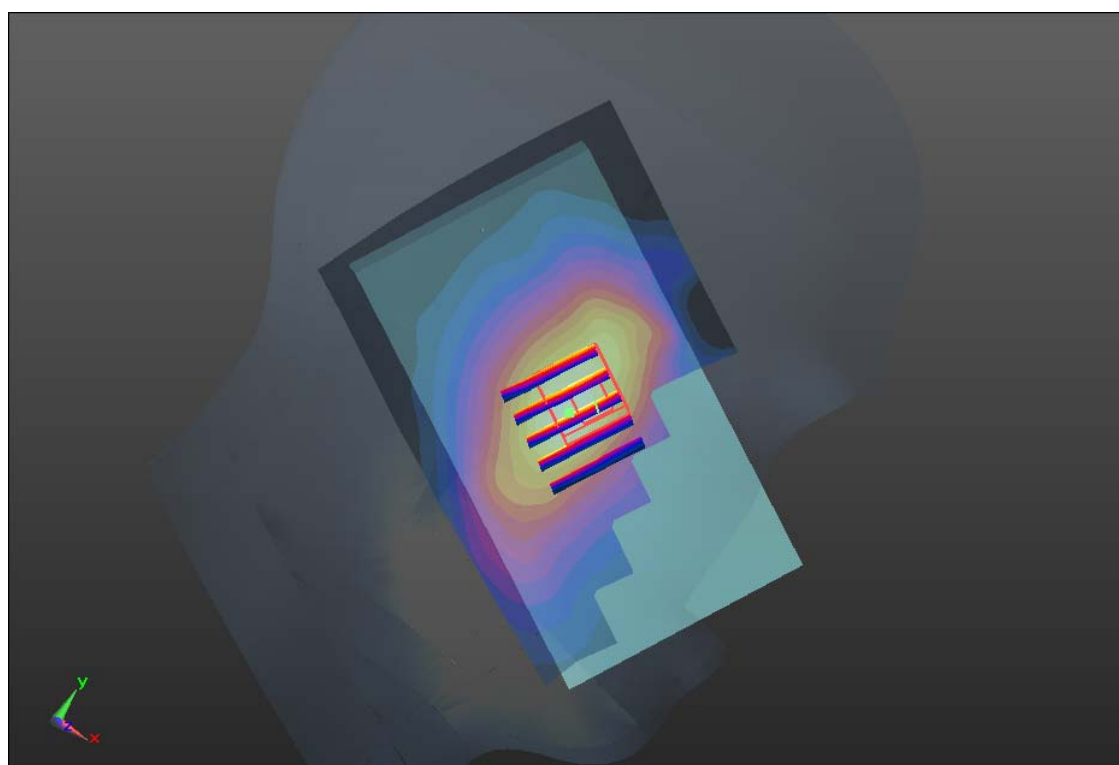
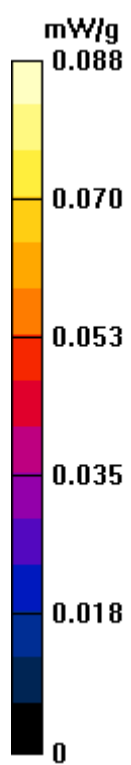
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.954 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.157 W/kg

**SAR(1 g) = 0.087 mW/g; SAR(10 g) = 0.063 mW/g**

Maximum value of SAR (measured) = 0.091 mW/g



**#11 WCDMA V\_RMC 12.2K\_Left Cheek\_Ch4182\_2D**

**DUT: 1D0806**

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

Medium: HSL\_850\_111219 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.91$  mho/m;  $\epsilon_r = 41.635$ ;

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

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(8.45, 8.45, 8.45); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 0.088 mW/g

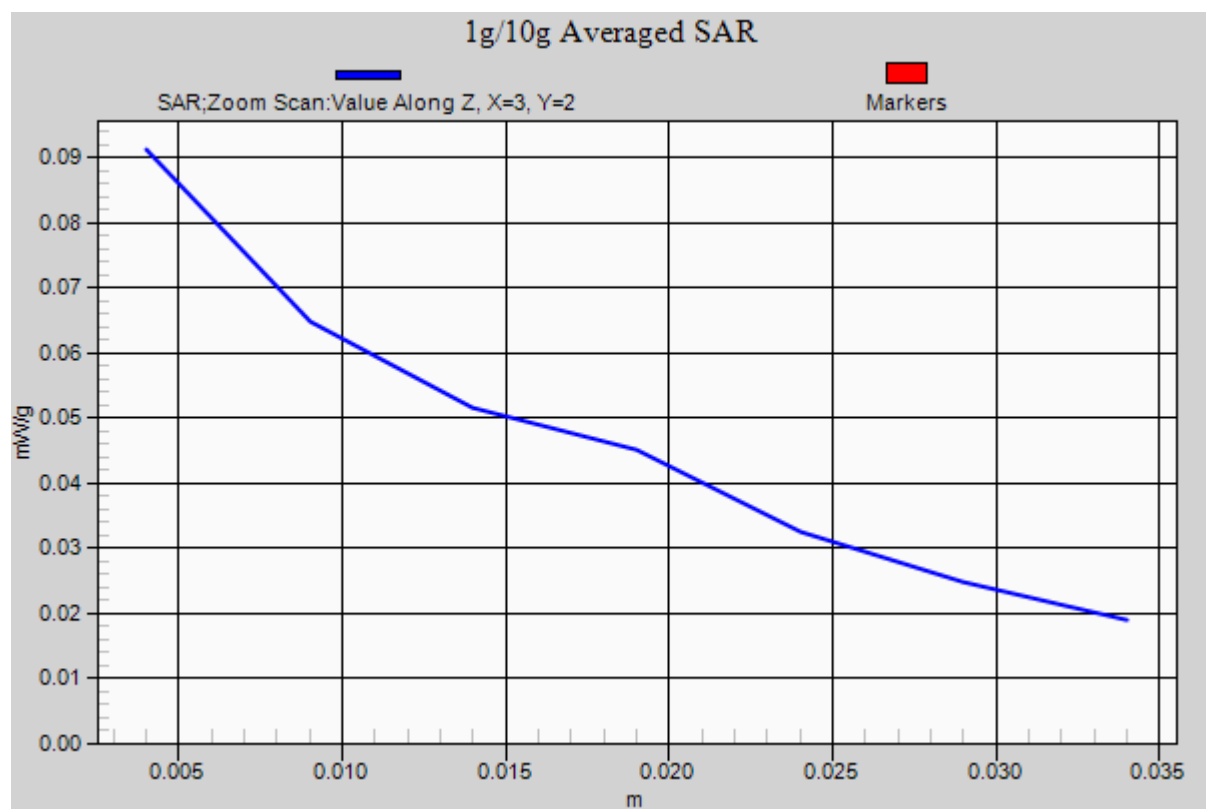
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.954 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.157 W/kg

**SAR(1 g) = 0.087 mW/g; SAR(10 g) = 0.063 mW/g**

Maximum value of SAR (measured) = 0.091 mW/g



## **#12 WCDMA V\_RMC 12.2K\_Left Tilted\_Ch4182**

### **DUT: 1D0806**

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

Medium: HSL\_850\_111219 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.91$  mho/m;  $\epsilon_r = 41.635$ ;

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

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

#### **DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(8.45, 8.45, 8.45); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 0.061 mW/g

**Ch4182/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.394 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.090 W/kg

**SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.041 mW/g**

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

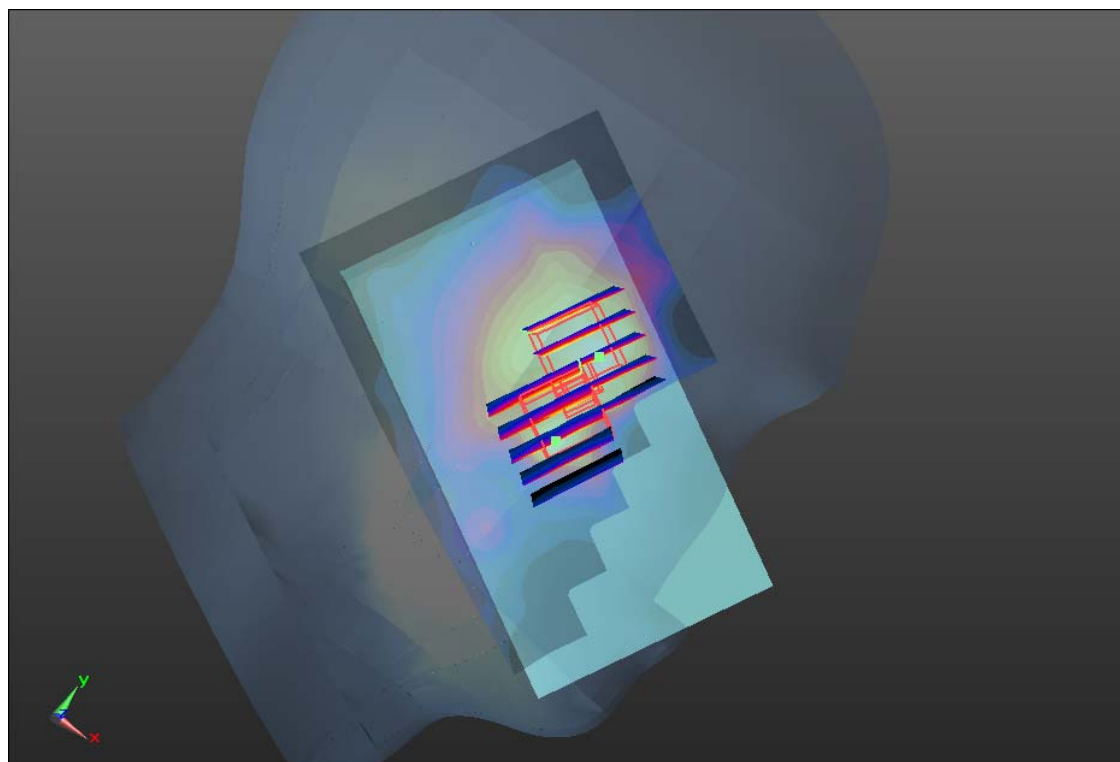
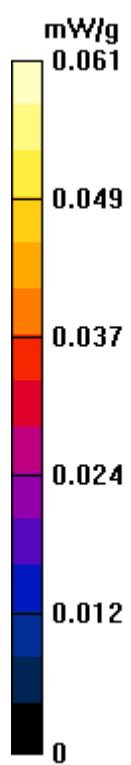
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.394 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.093 W/kg

**SAR(1 g) = 0.053 mW/g; SAR(10 g) = 0.034 mW/g**

Maximum value of SAR (measured) = 0.057 mW/g



**#19 802.11b\_Right Cheek\_1M\_20\_Ch1**

**DUT: 1D0806**

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL\_2450\_111226 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.782$  mho/m;  $\epsilon_r =$

$39.791$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature :  $23.4$  °C; Liquid Temperature :  $21.2$  °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(6.67, 6.67, 6.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

**Ch1/Area Scan (71x121x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (interpolated) =  $0.199$  mW/g

**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

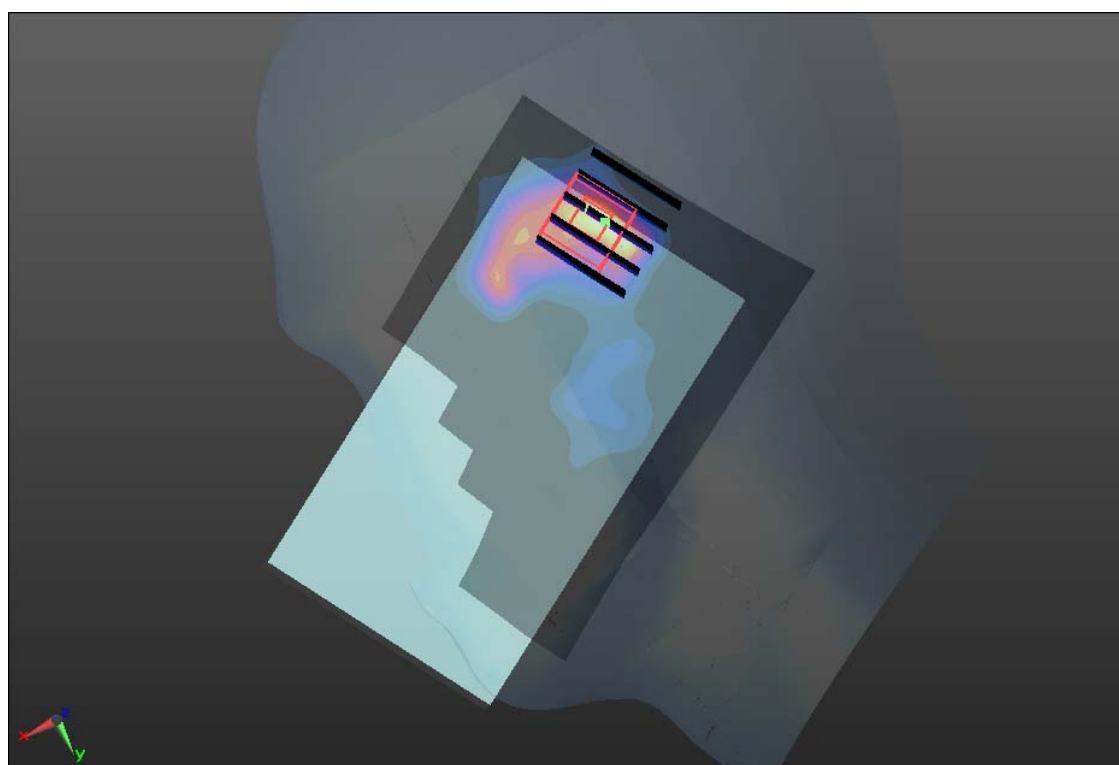
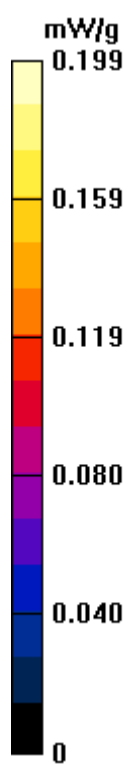
Reference Value =  $7.488$  V/m; Power Drift =  $-0.03$  dB

Peak SAR (extrapolated) =  $0.316$  W/kg

**SAR(1 g) =  $0.113$  mW/g; SAR(10 g) =  $0.052$  mW/g**

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





**#19 802.11b\_Right Cheek\_1M\_20\_Ch1\_2D**

**DUT: 1D0806**

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL\_2450\_111226 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.782$  mho/m;  $\epsilon_r =$

$39.791$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature :  $23.4$  °C; Liquid Temperature :  $21.2$  °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(6.67, 6.67, 6.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

**Ch1/Area Scan (71x121x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (interpolated) =  $0.199$  mW/g

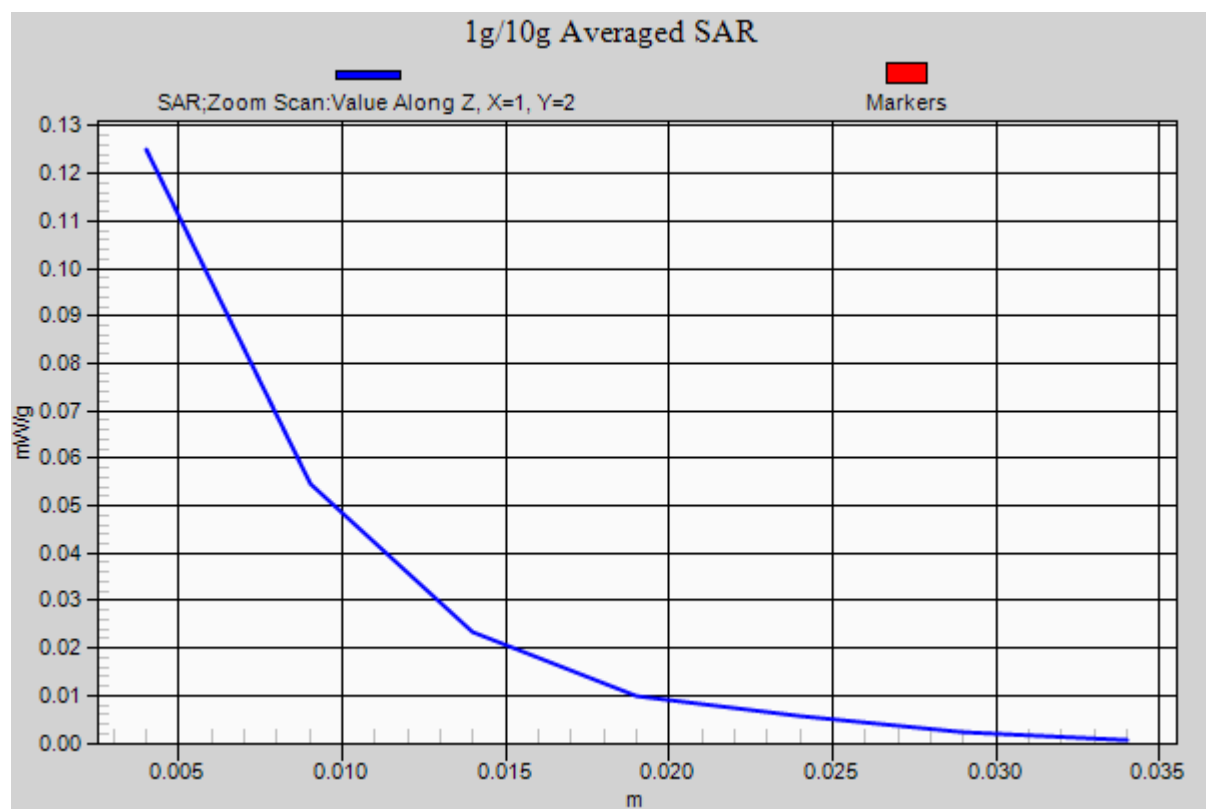
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value =  $7.488$  V/m; Power Drift =  $-0.03$  dB

Peak SAR (extrapolated) =  $0.316$  W/kg

**SAR(1 g) =  $0.113$  mW/g; SAR(10 g) =  $0.052$  mW/g**

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



**#20 802.11b\_Right Tilted\_1M\_20\_Ch1**

**DUT: 1D0806**

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL\_2450\_111226 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.782$  mho/m;  $\epsilon_r =$

$39.791$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature :  $23.4$  °C; Liquid Temperature :  $21.2$  °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(6.67, 6.67, 6.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

**Ch1/Area Scan (71x121x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (interpolated) =  $0.221$  mW/g

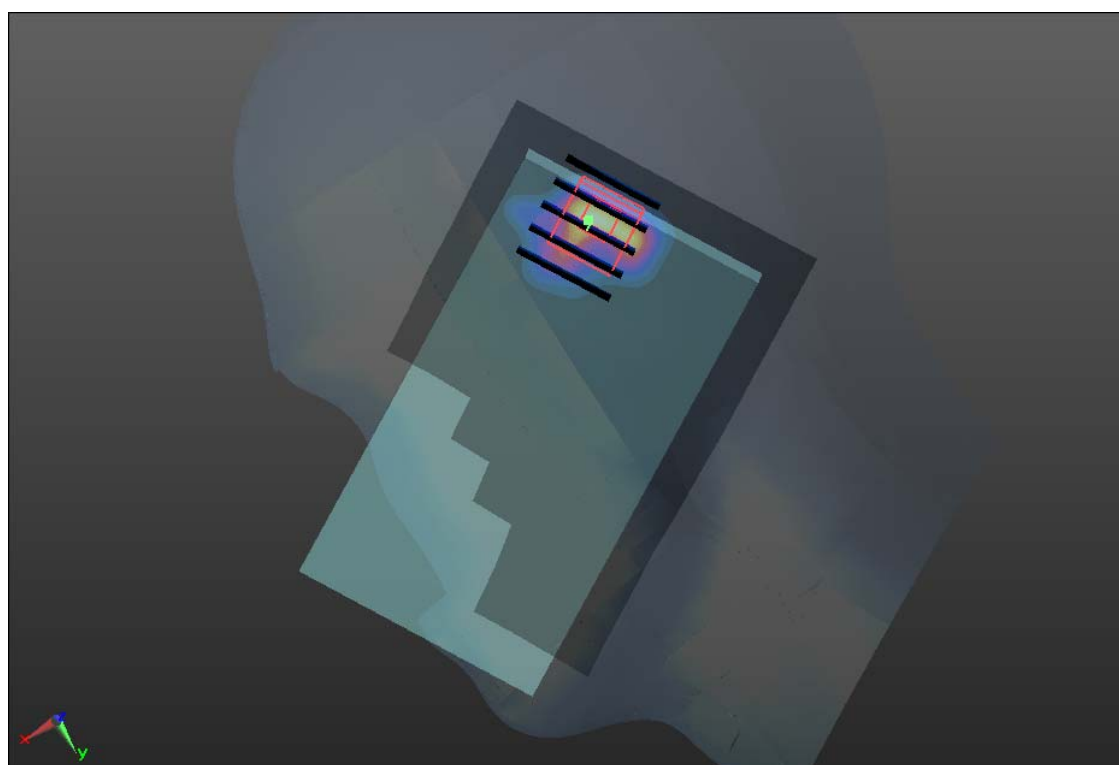
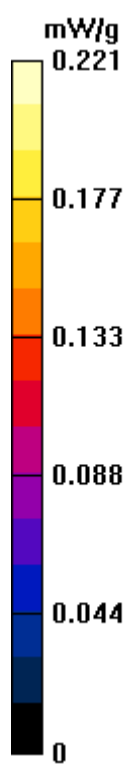
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value =  $6.766$  V/m; Power Drift =  $0.07$  dB

Peak SAR (extrapolated) =  $0.197$  W/kg

**SAR(1 g) =  $0.102$  mW/g; SAR(10 g) =  $0.048$  mW/g**

Maximum value of SAR (measured) =  $0.115$  mW/g



**#21 802.11b\_Left Cheek\_1M\_20\_Ch1**

**DUT: 1D0806**

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL\_2450\_111226 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.782$  mho/m;  $\epsilon_r =$

$39.791$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature :  $23.4$  °C; Liquid Temperature :  $21.2$  °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(6.67, 6.67, 6.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

**Ch1/Area Scan (71x121x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (interpolated) =  $0.089$  mW/g

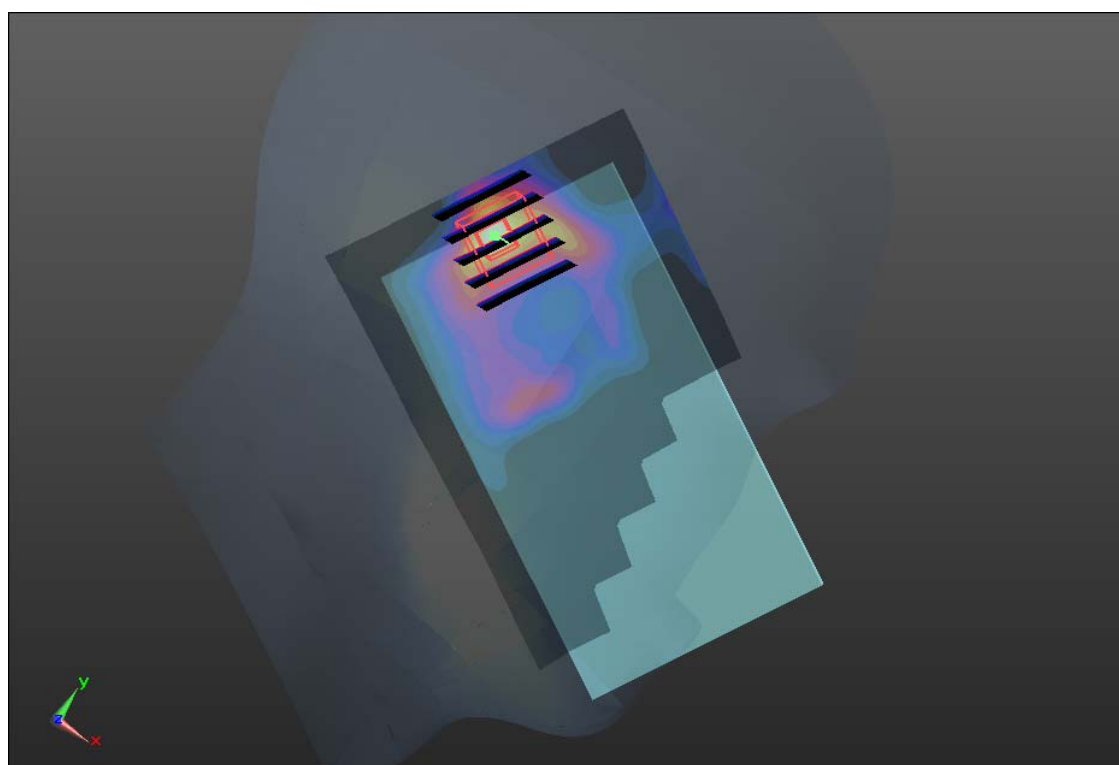
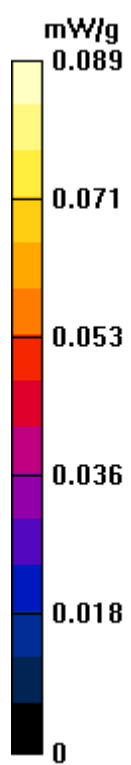
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value =  $6.258$  V/m; Power Drift =  $0.08$  dB

Peak SAR (extrapolated) =  $0.124$  W/kg

**SAR(1 g) =  $0.059$  mW/g; SAR(10 g) =  $0.027$  mW/g**

Maximum value of SAR (measured) =  $0.080$  mW/g



**#22 802.11b\_Left Tilted\_1M\_20\_Ch1**

**DUT: 1D0806**

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL\_2450\_111226 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.782$  mho/m;  $\epsilon_r =$

$39.791$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature :  $23.4$  °C; Liquid Temperature :  $21.2$  °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(6.67, 6.67, 6.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

**Ch1/Area Scan (71x121x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (interpolated) =  $0.093$  mW/g

**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

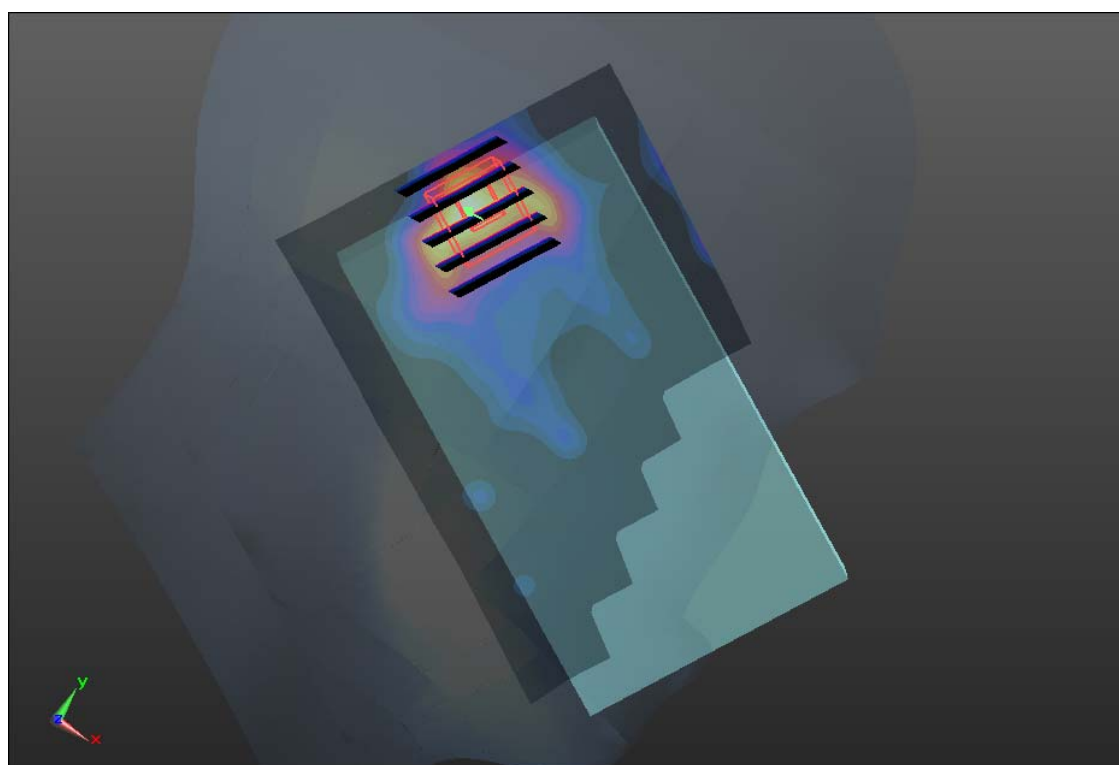
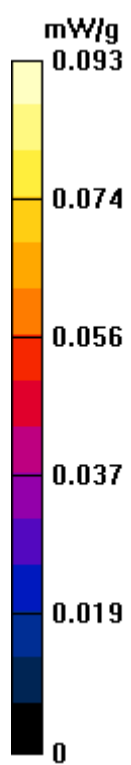
Reference Value =  $6.614$  V/m; Power Drift =  $0.05$  dB

Peak SAR (extrapolated) =  $0.190$  W/kg

**SAR(1 g) =  $0.059$  mW/g; SAR(10 g) =  $0.026$  mW/g**

Maximum value of SAR (measured) =  $0.078$  mW/g





### #13 GSM850\_GPRS 12\_Front\_1cm\_Ch128

#### DUT: 1D0806

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

Medium: MSL\_850\_111231 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.967$  mho/m;  $\epsilon_r =$

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

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

**Ch128/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.199 mW/g

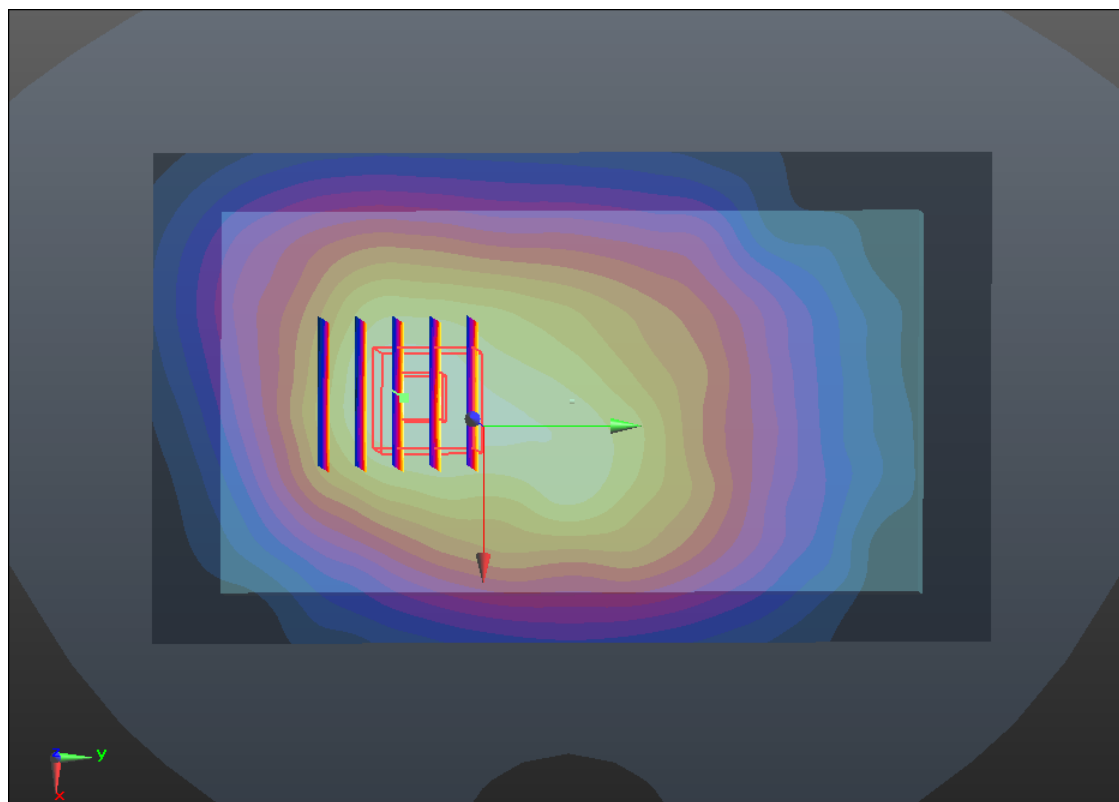
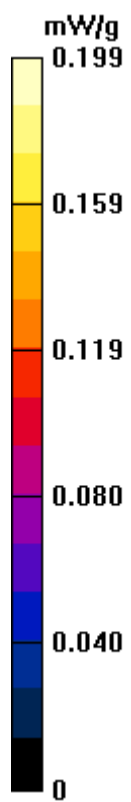
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.764 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.252 W/kg

**SAR(1 g) = 0.194 mW/g; SAR(10 g) = 0.146 mW/g**

Maximum value of SAR (measured) = 0.204 mW/g



## #14 GSM850\_GPRS 12\_Back\_1cm\_Ch128

### DUT: 1D0806

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

Medium: MSL\_850\_111231 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.967$  mho/m;  $\epsilon_r =$

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

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

**Ch128/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.289 mW/g

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

Reference Value = 15.318 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.338 W/kg

**SAR(1 g) = 0.267 mW/g; SAR(10 g) = 0.202 mW/g**

Maximum value of SAR (measured) = 0.277 mW/g

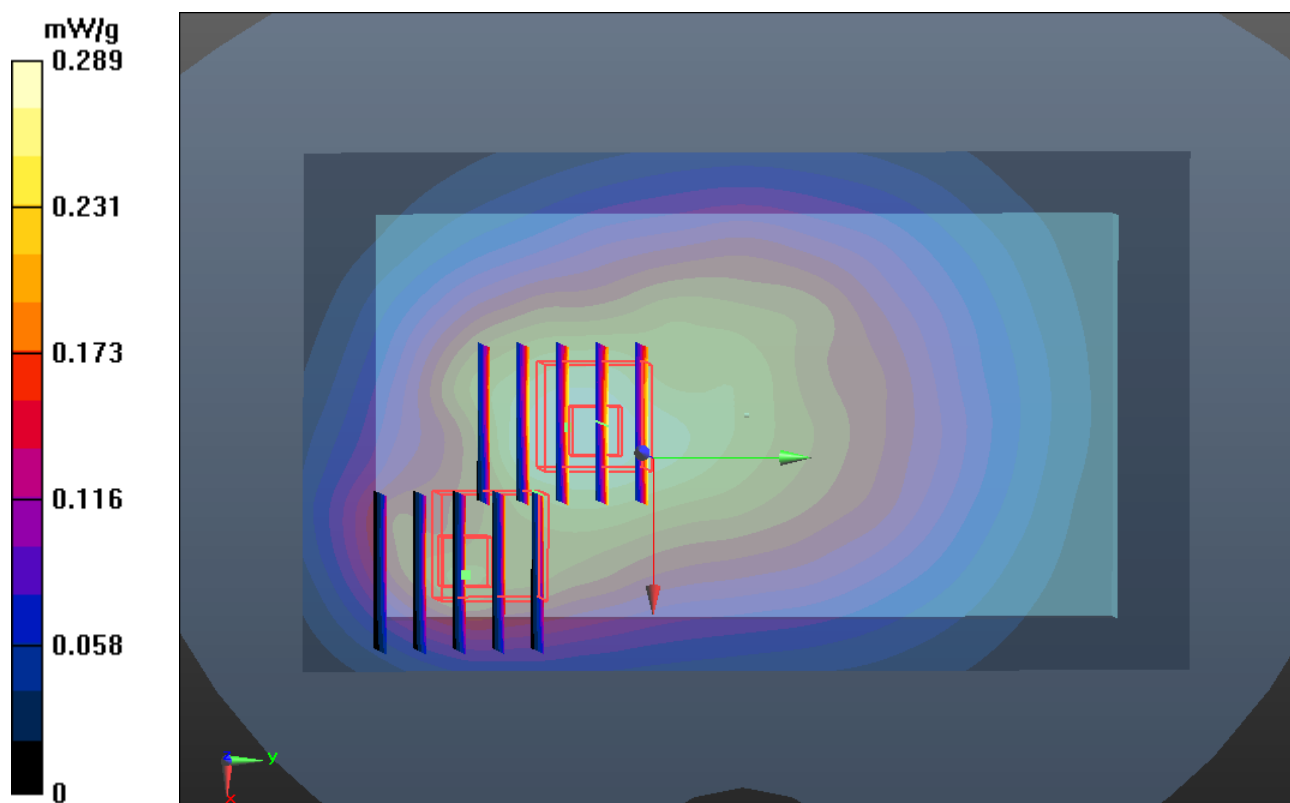
**Ch128/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.318 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.368 W/kg

**SAR(1 g) = 0.205 mW/g; SAR(10 g) = 0.129 mW/g**

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



**#15 GSM850\_GPRS 12\_Left Side\_1cm\_Ch128**

**DUT: 1D0806**

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

Medium: MSL\_850\_111231 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.967$  mho/m;  $\epsilon_r = 54.47$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

**Ch128/Area Scan (51x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.097 mW/g

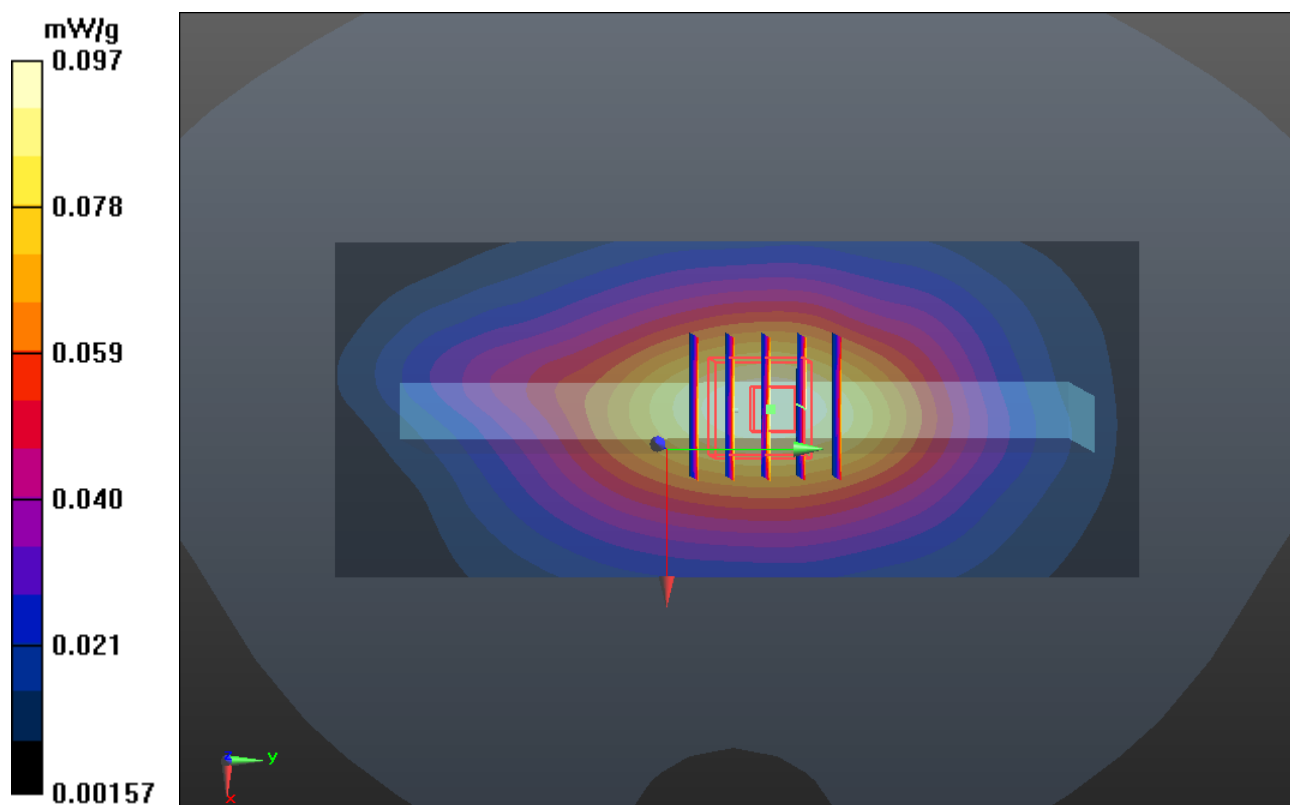
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.095 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.131 W/kg

**SAR(1 g) = 0.093 mW/g; SAR(10 g) = 0.066 mW/g**

Maximum value of SAR (measured) = 0.099 mW/g



**#16 GSM850\_GPRS 12\_Right Side\_1cm\_Ch128**

**DUT: 1D0806**

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

Medium: MSL\_850\_111231 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.967$  mho/m;  $\epsilon_r =$

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

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

**Ch128/Area Scan (51x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.180 mW/g

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

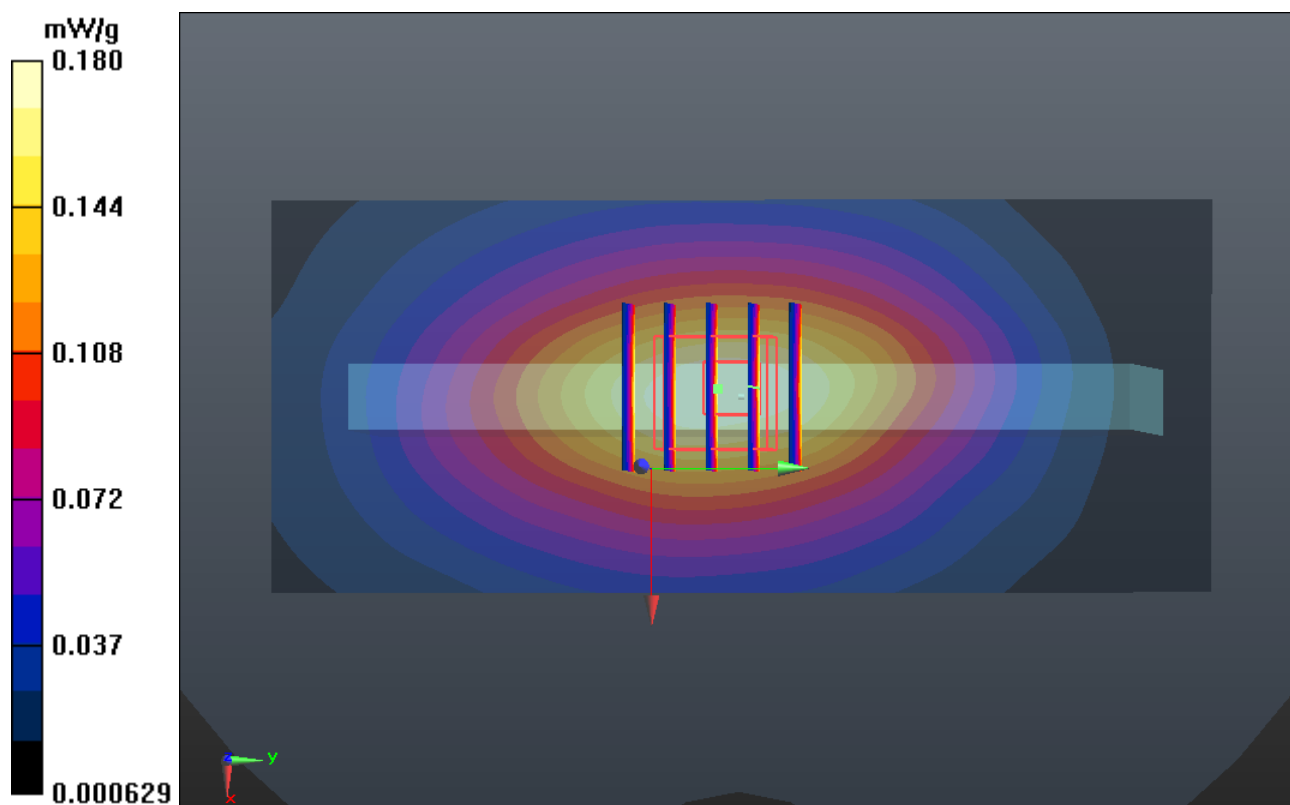
Reference Value = 13.544 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.226 W/kg

**SAR(1 g) = 0.170 mW/g; SAR(10 g) = 0.119 mW/g**

Maximum value of SAR (measured) = 0.182 mW/g





**#17 GSM850\_GPRS 12\_Bottom Side\_1cm\_Ch128**

**DUT: 1D0806**

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

Medium: MSL\_850\_111231 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.967$  mho/m;  $\epsilon_r =$

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

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

**Ch128/Area Scan (31x91x1):** Measurement grid: dx=15mm, dy=15mm

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

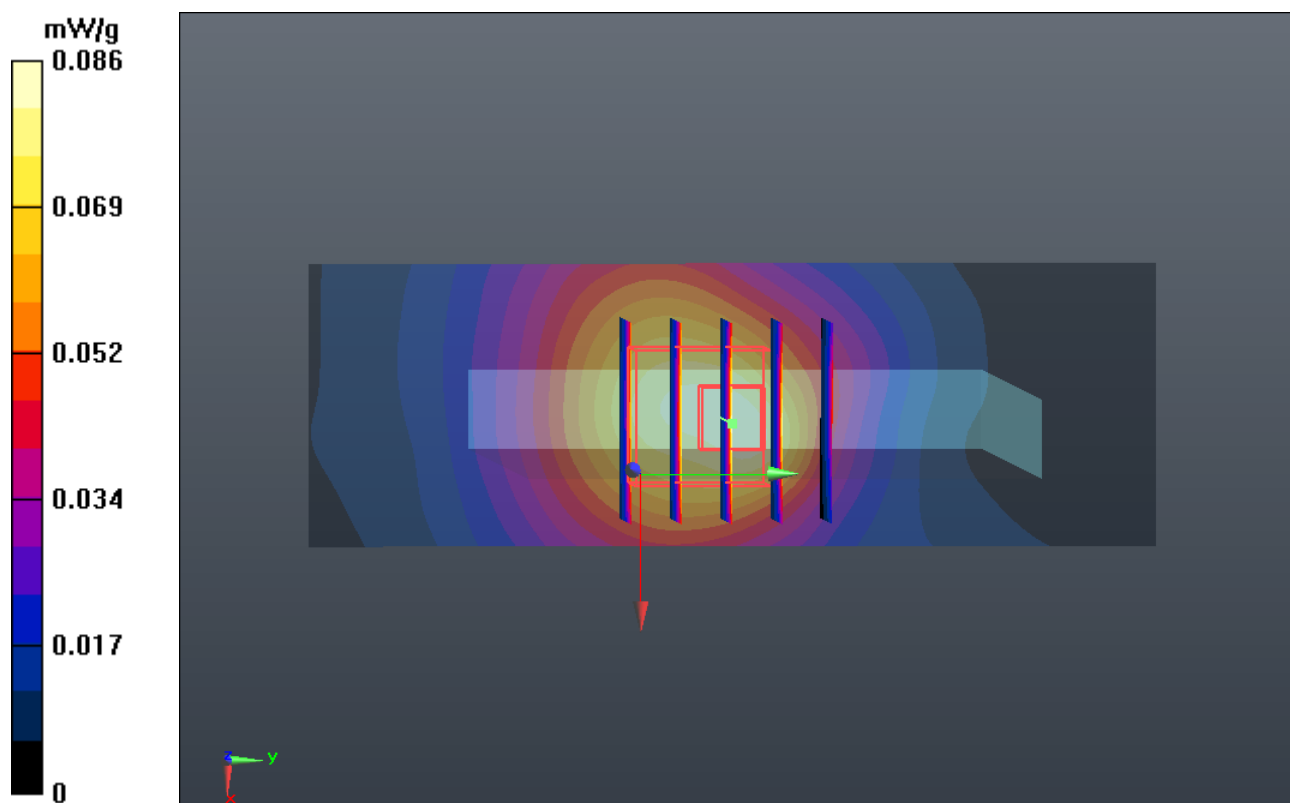
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.709 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.124 W/kg

**SAR(1 g) = 0.080 mW/g; SAR(10 g) = 0.052 mW/g**

Maximum value of SAR (measured) = 0.088 mW/g



## #18 GSM850\_GPRS 12\_Back\_1cm\_Ch128\_Earphone

### DUT: 1D0806

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

Medium: MSL\_850\_111231 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.967$  mho/m;  $\epsilon_r =$

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

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

**Ch128/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

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

**Ch128/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.594 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.425 W/kg

**SAR(1 g) = 0.279 mW/g; SAR(10 g) = 0.204 mW/g**

Maximum value of SAR (measured) = 0.299 mW/g

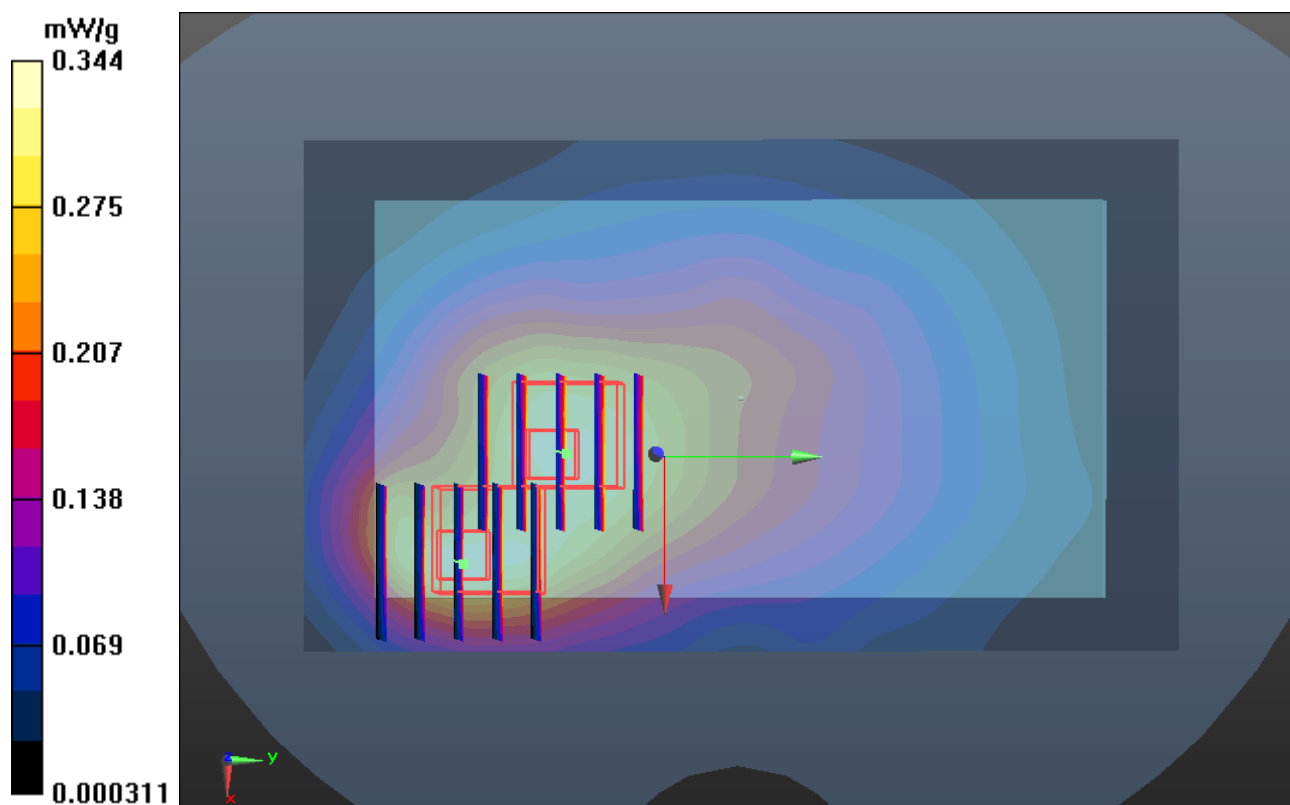
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.594 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.456 W/kg

**SAR(1 g) = 0.274 mW/g; SAR(10 g) = 0.173 mW/g**

Maximum value of SAR (measured) = 0.305 mW/g



## #18 GSM850\_GPRS 12\_Back\_1cm\_Ch128\_Earphone\_2D

### DUT: 1D0806

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

Medium: MSL\_850\_111231 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.967$  mho/m;  $\epsilon_r =$

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

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

**Ch128/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

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

**Ch128/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.594 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.425 W/kg

**SAR(1 g) = 0.279 mW/g; SAR(10 g) = 0.204 mW/g**

Maximum value of SAR (measured) = 0.299 mW/g

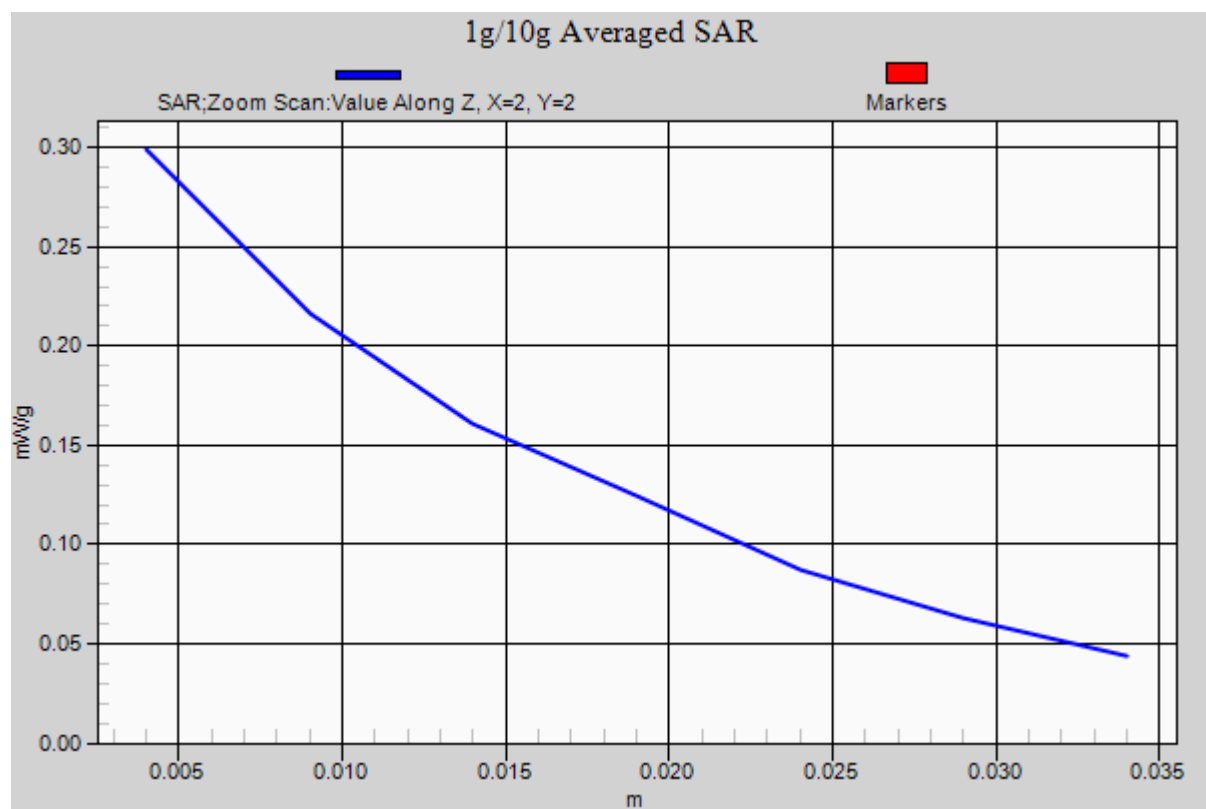
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.594 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.456 W/kg

**SAR(1 g) = 0.274 mW/g; SAR(10 g) = 0.173 mW/g**

Maximum value of SAR (measured) = 0.305 mW/g



## #23 GSM1900\_GPRS 12\_Front\_1cm\_Ch512

### DUT: 1D0806

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

Medium: MSL\_1900\_111231 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.455$  mho/m;  $\epsilon_r =$

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

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

**Ch512/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.217 mW/g

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

Reference Value = 6.084 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.353 W/kg

**SAR(1 g) = 0.200 mW/g; SAR(10 g) = 0.112 mW/g**

Maximum value of SAR (measured) = 0.226 mW/g

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

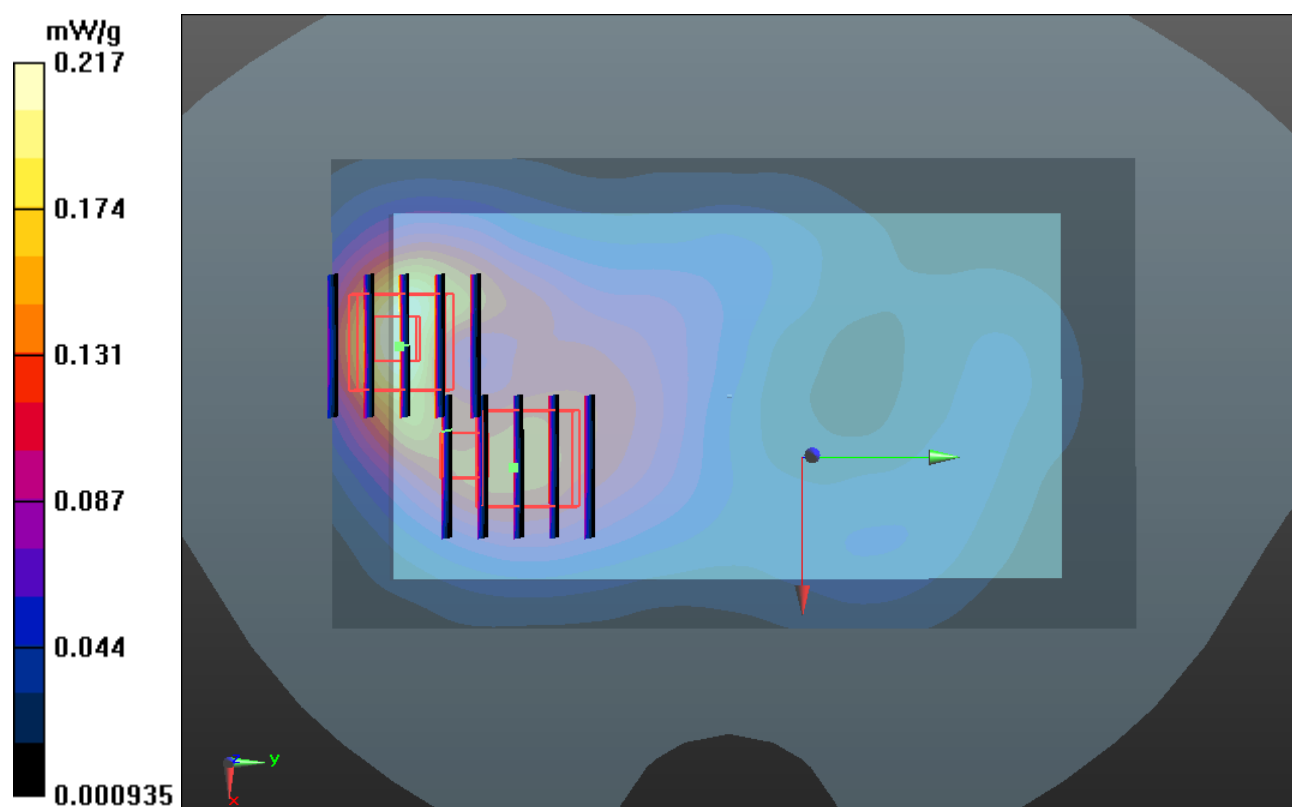
Reference Value = 6.084 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.212 W/kg

**SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.082 mW/g**

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





## **#24 GSM1900\_GPRS 12\_Back\_1cm\_Ch512**

### **DUT: 1D0806**

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

Medium: MSL\_1900\_111231 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.455$  mho/m;  $\epsilon_r =$

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

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

#### **DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

**Ch512/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.415 mW/g

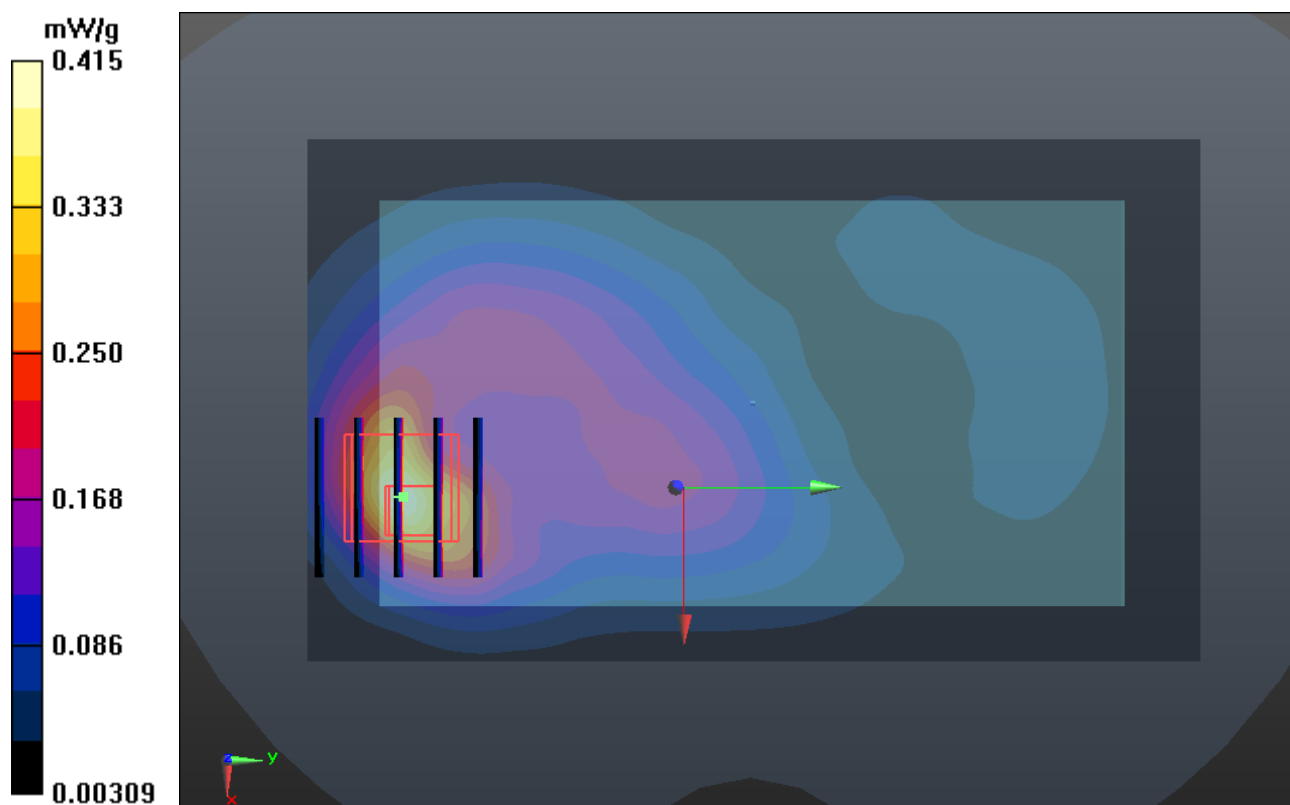
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.896 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.374 W/kg

**SAR(1 g) = 0.363 mW/g; SAR(10 g) = 0.198 mW/g**

Maximum value of SAR (measured) = 0.404 mW/g



**#24 GSM1900\_GPRS 12\_Back\_1cm\_Ch512\_2D**

**DUT: 1D0806**

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

Medium: MSL\_1900\_111231 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.455$  mho/m;  $\epsilon_r =$

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

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

**Ch512/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.415 mW/g

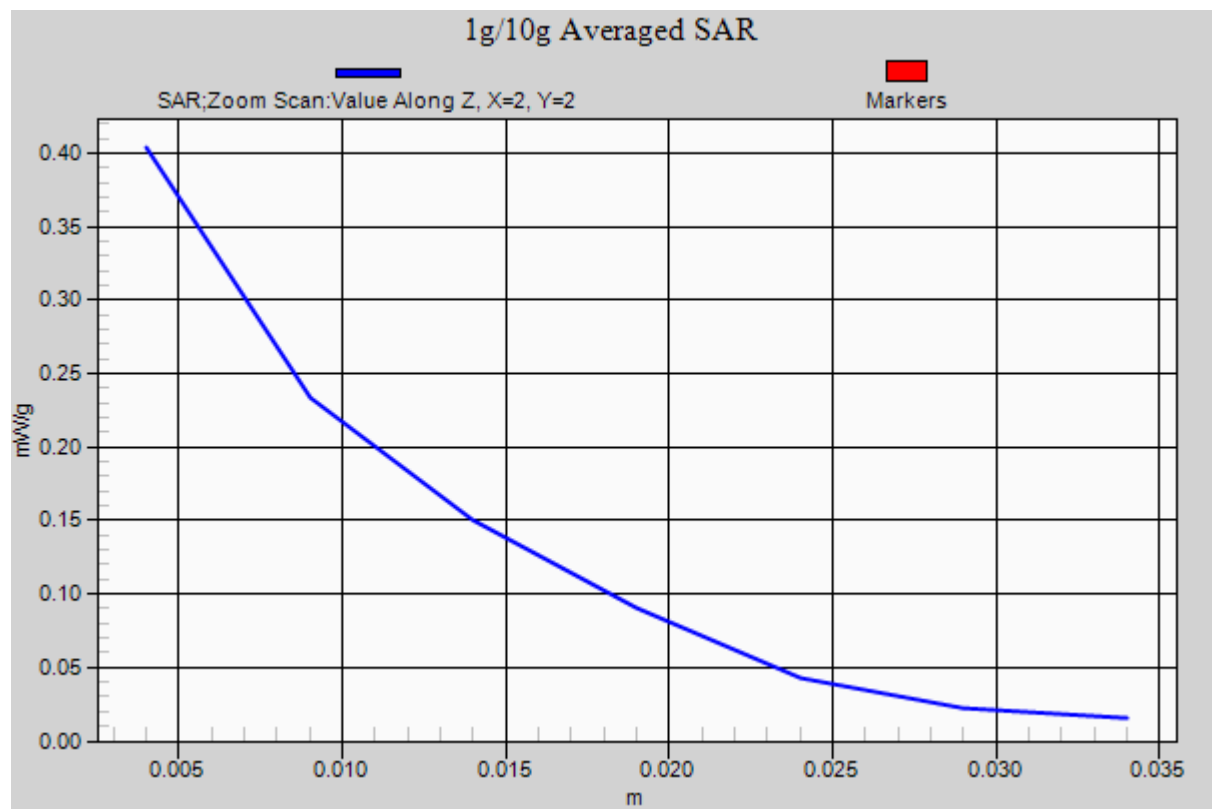
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.896 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.374 W/kg

**SAR(1 g) = 0.363 mW/g; SAR(10 g) = 0.198 mW/g**

Maximum value of SAR (measured) = 0.404 mW/g



## **#25 GSM1900\_GPRS 12\_Left Side\_1cm\_Ch512**

### **DUT: 1D0806**

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

Medium: MSL\_1900\_111231 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.455$  mho/m;  $\epsilon_r =$

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

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

#### **DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

**Ch512/Area Scan (31x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.080 mW/g

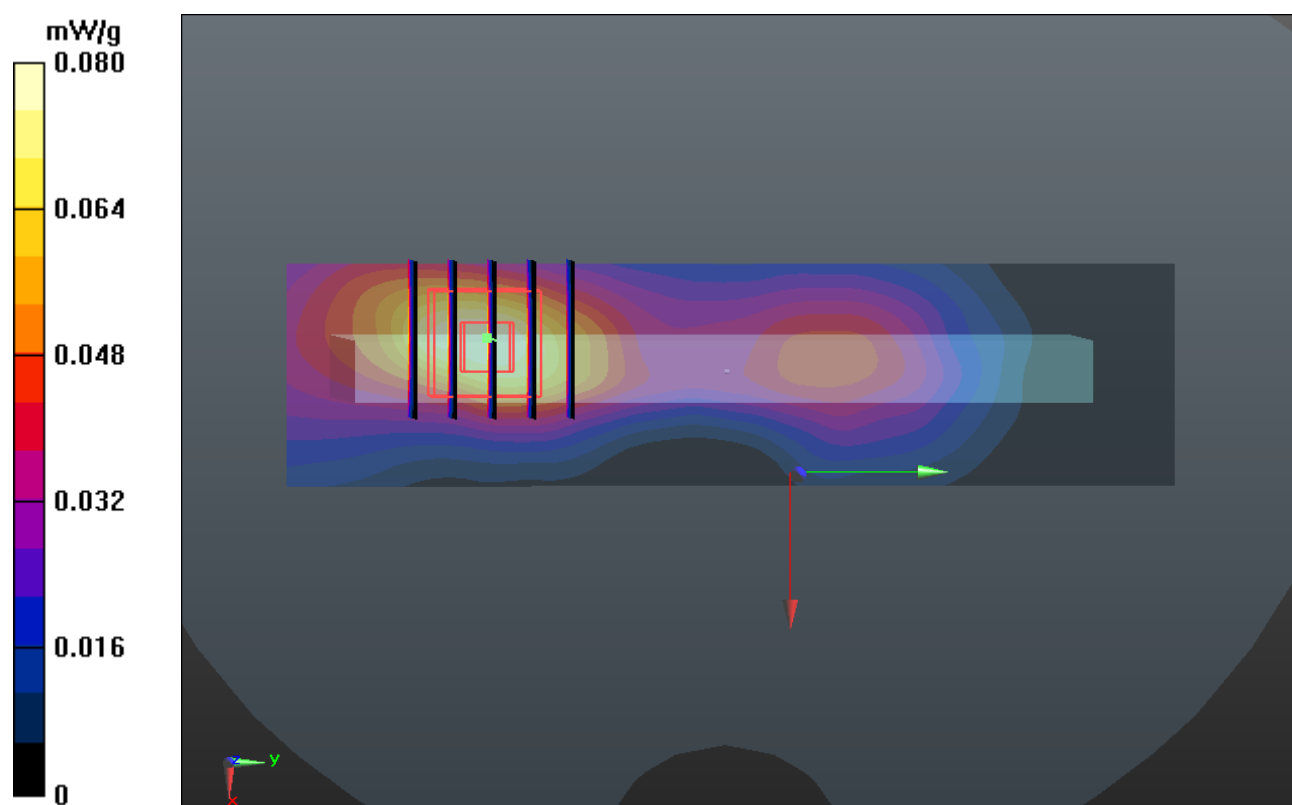
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.487 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.112 W/kg

**SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.042 mW/g**

Maximum value of SAR (measured) = 0.085 mW/g



## #26 GSM1900\_GPRS 12\_Right Side\_1cm\_Ch512

### DUT: 1D0806

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

Medium: MSL\_1900\_111231 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.455$  mho/m;  $\epsilon_r =$

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

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

**Ch512/Area Scan (31x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.029 mW/g

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

Reference Value = 2.573 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.123 W/kg

**SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.012 mW/g**

Maximum value of SAR (measured) = 0.025 mW/g

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

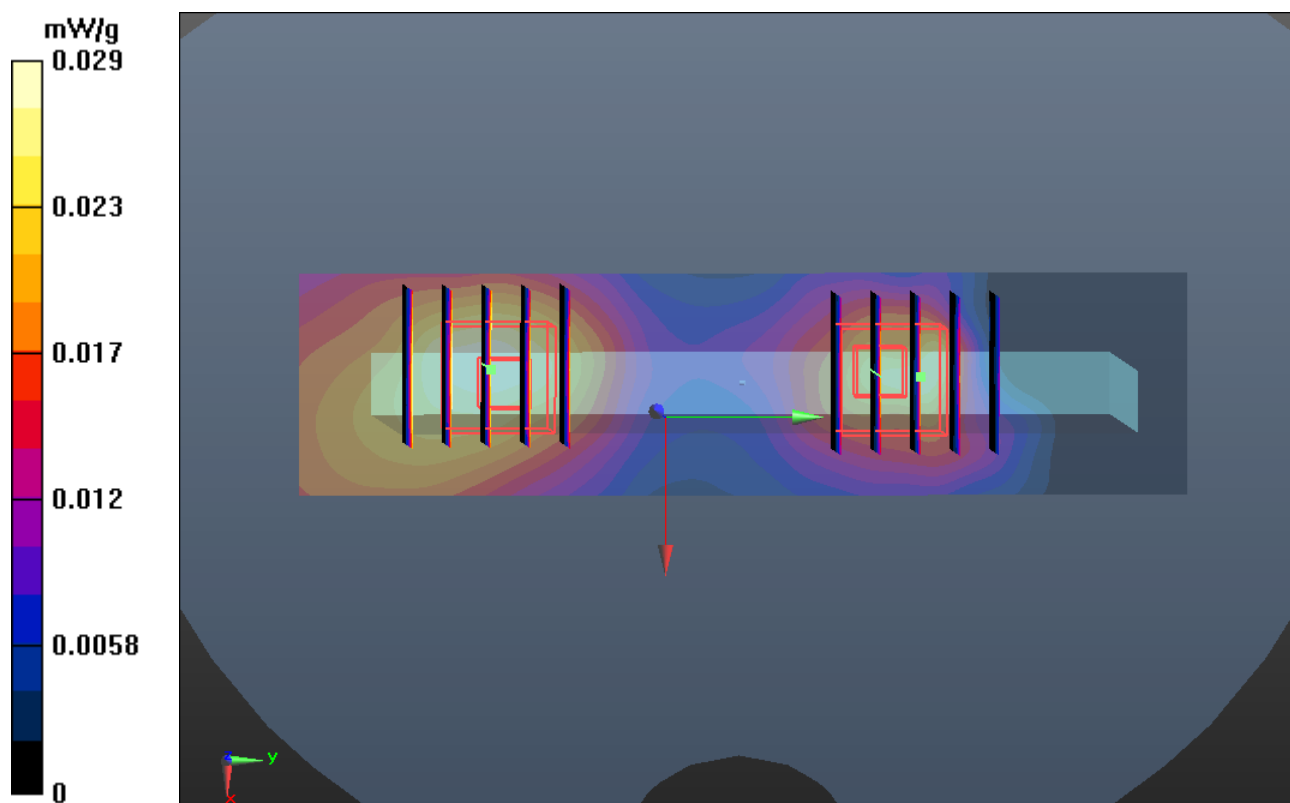
Reference Value = 2.573 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.083 W/kg

**SAR(1 g) = 0.028 mW/g; SAR(10 g) = 0.014 mW/g**

Maximum value of SAR (measured) = 0.031 mW/g





**#27 GSM1900\_GPRS 12\_Bottom Side\_1cm\_Ch512**

**DUT: 1D0806**

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

Medium: MSL\_1900\_111231 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.455$  mho/m;  $\epsilon_r =$

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

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

**Ch512/Area Scan (31x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.275 mW/g

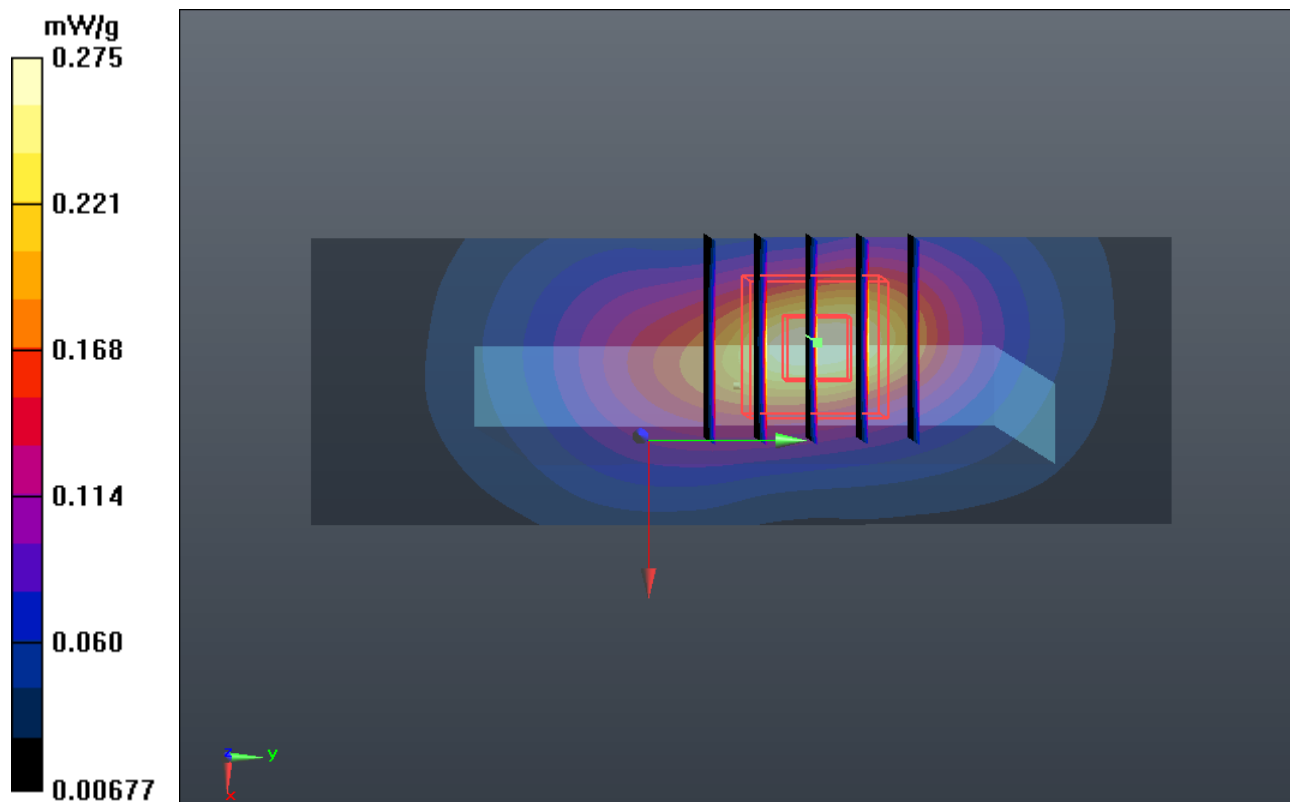
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.927 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.451 W/kg

**SAR(1 g) = 0.263 mW/g; SAR(10 g) = 0.140 mW/g**

Maximum value of SAR (measured) = 0.304 mW/g



## **#28 GSM1900\_GPRS 12\_Back\_1cm\_Ch512\_Earphone**

### **DUT: 1D0806**

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

Medium: MSL\_1900\_111231 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.455$  mho/m;  $\epsilon_r =$

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

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

#### **DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(6.96, 6.96, 6.96); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

**Ch512/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.408 mW/g

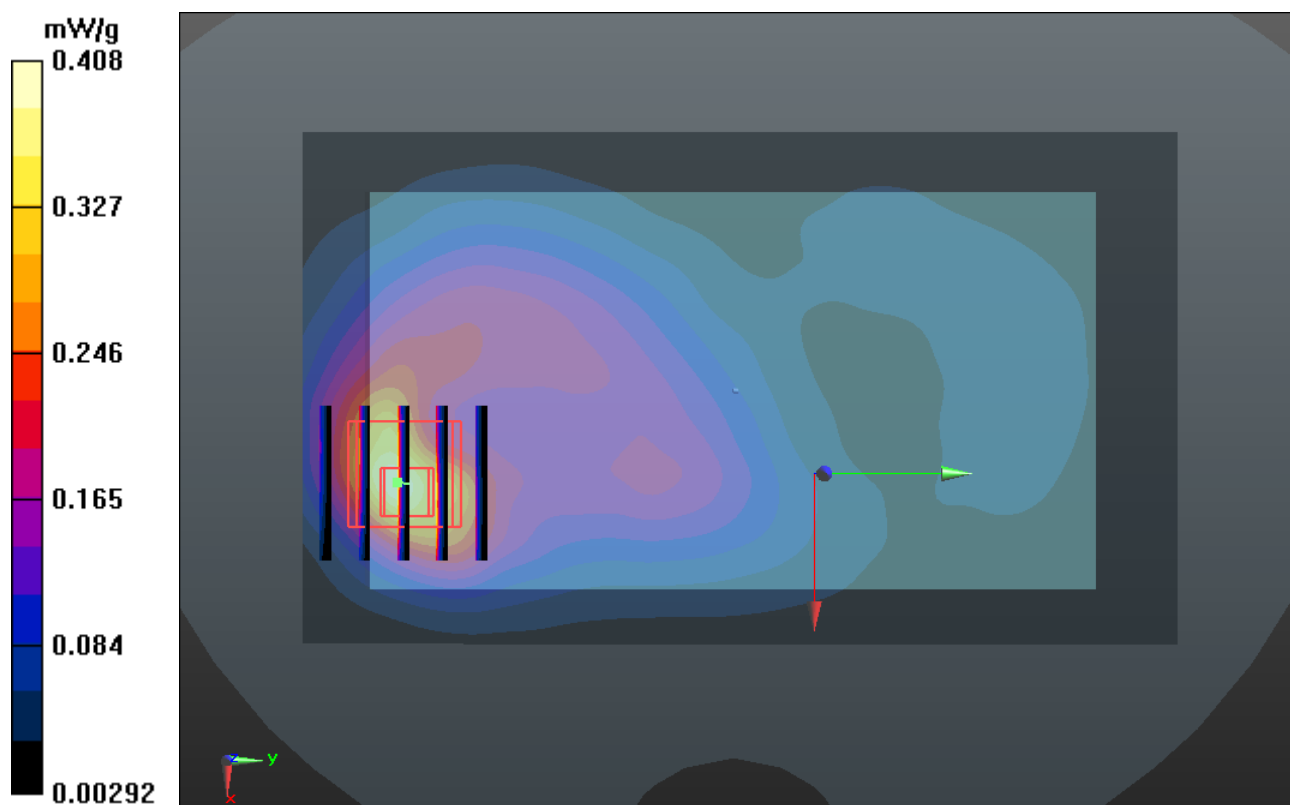
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.844 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.652 W/kg

**SAR(1 g) = 0.357 mW/g; SAR(10 g) = 0.194 mW/g**

Maximum value of SAR (measured) = 0.397 mW/g



**#29 WCDMA V\_RMC 12.2K\_Front\_1cm\_Ch4182**

**DUT: 1D0806**

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

Medium: MSL\_850\_111231 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.978$  mho/m;  $\epsilon_r =$

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

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 0.122 mW/g

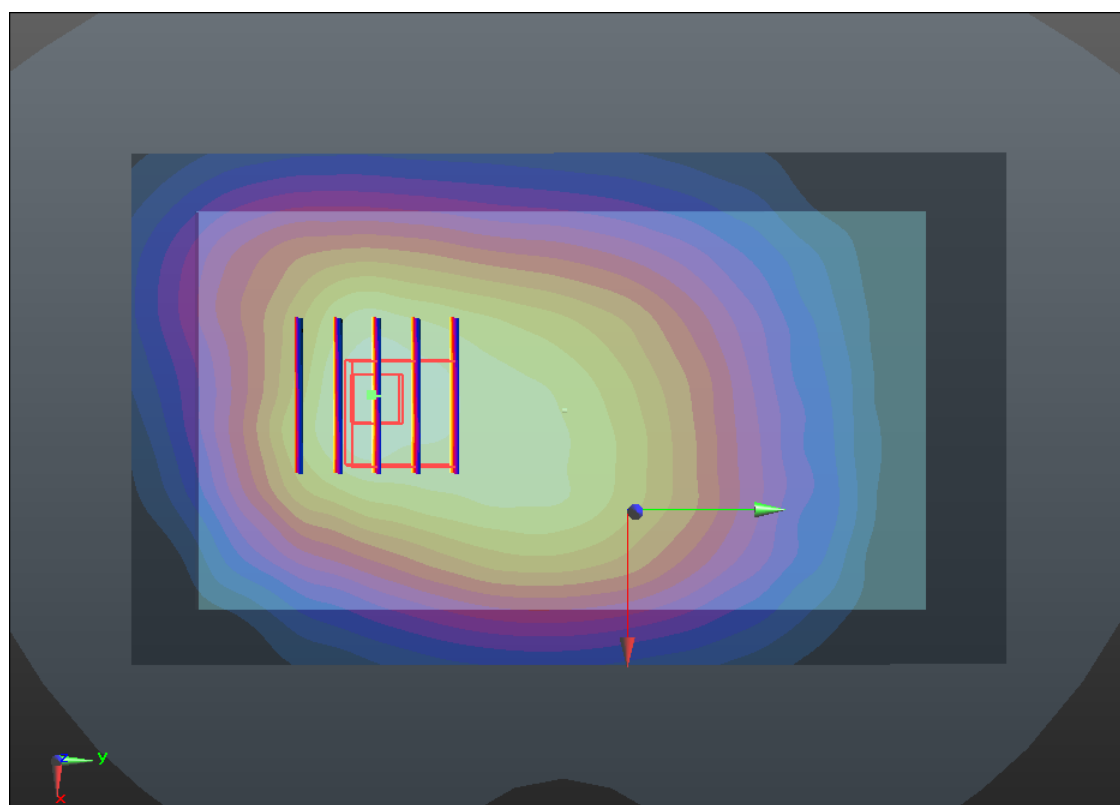
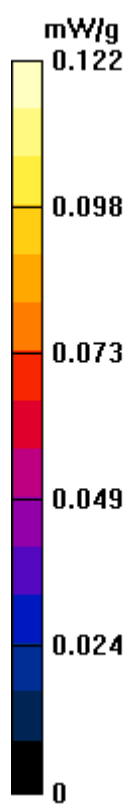
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.556 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.154 W/kg

**SAR(1 g) = 0.118 mW/g; SAR(10 g) = 0.090 mW/g**

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



### #30 WCDMA V\_RMC 12.2K\_Back\_1cm\_Ch4182

#### DUT: 1D0806

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

Medium: MSL\_850\_111231 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.978$  mho/m;  $\epsilon_r =$

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

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 0.195 mW/g

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

Reference Value = 11.923 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.238 W/kg

**SAR(1 g) = 0.182 mW/g; SAR(10 g) = 0.134 mW/g**

Maximum value of SAR (measured) = 0.194 mW/g

**Ch4182/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

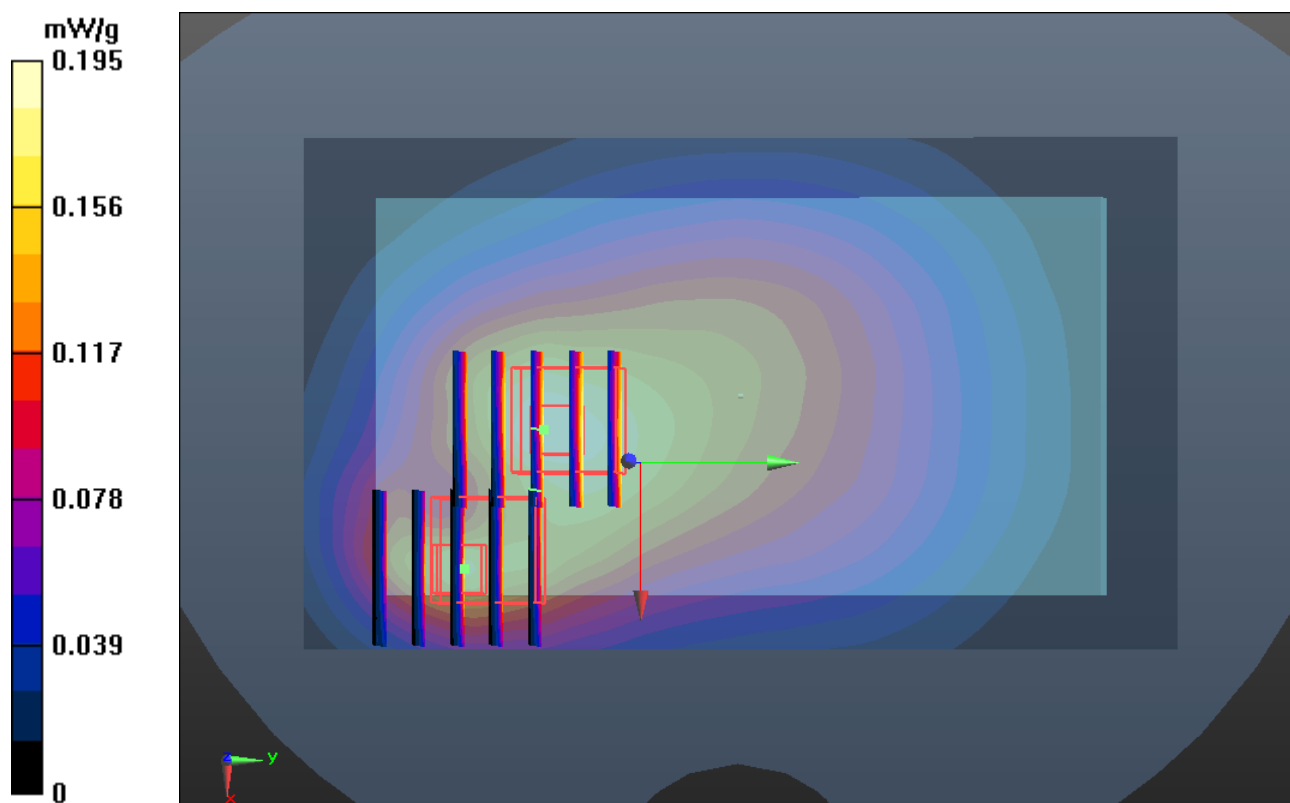
Reference Value = 11.923 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.263 W/kg

**SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.091 mW/g**

Maximum value of SAR (measured) = 0.169 mW/g





**#31 WCDMA V\_RMC 12.2K\_Left Side\_1cm\_Ch4182**

**DUT: 1D0806**

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

Medium: MSL\_850\_111231 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.978$  mho/m;  $\epsilon_r =$

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

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

**Ch4182/Area Scan (31x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.063 mW/g

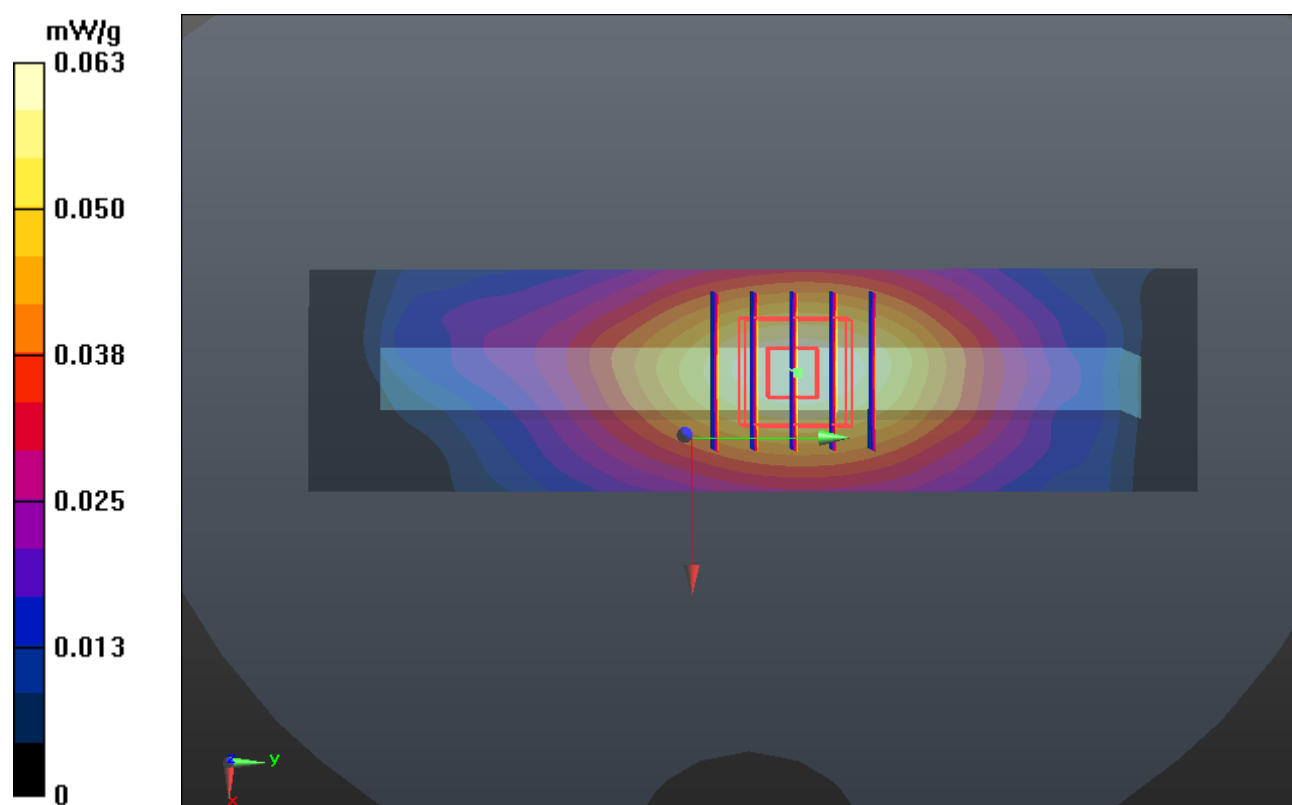
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.916 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.082 W/kg

**SAR(1 g) = 0.060 mW/g; SAR(10 g) = 0.042 mW/g**

Maximum value of SAR (measured) = 0.065 mW/g



**#32 WCDMA V\_RMC 12.2K\_Right Side\_1cm\_Ch4182**

**DUT: 1D0806**

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

Medium: MSL\_850\_111231 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.978$  mho/m;  $\epsilon_r =$

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

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

**Ch4182/Area Scan (31x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.097 mW/g

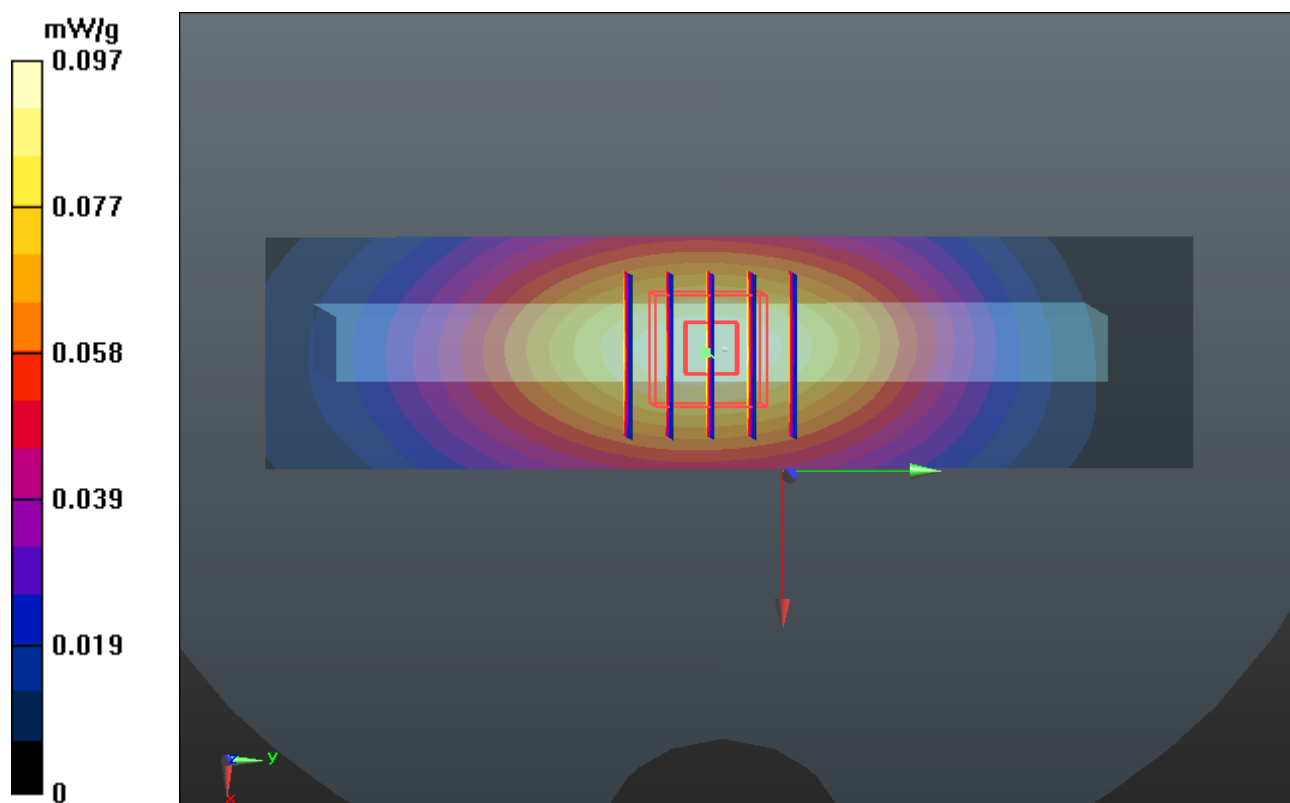
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.971 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.123 W/kg

**SAR(1 g) = 0.090 mW/g; SAR(10 g) = 0.064 mW/g**

Maximum value of SAR (measured) = 0.096 mW/g



### #33 WCDMA V\_RMC 12.2K\_Bottom Side\_1cm\_Ch4182

#### DUT: 1D0806

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

Medium: MSL\_850\_111231 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.978$  mho/m;  $\epsilon_r =$

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

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

**Ch4182/Area Scan (31x91x1):** Measurement grid: dx=15mm, dy=15mm

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

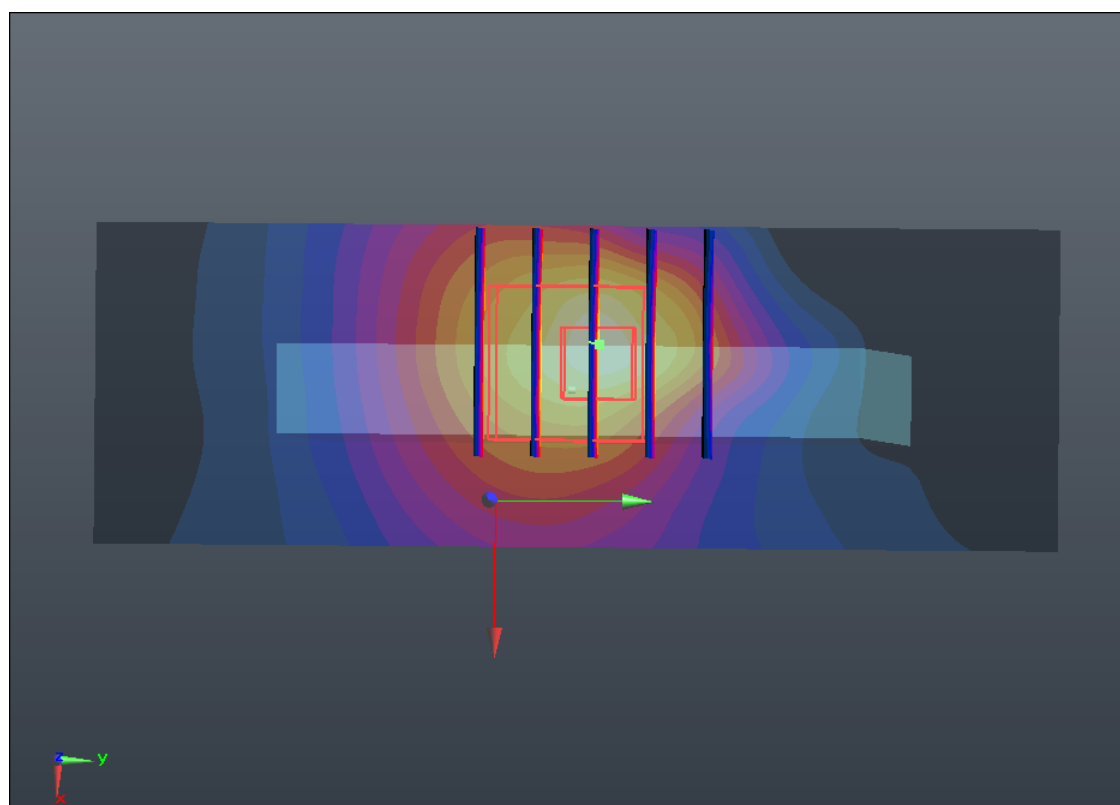
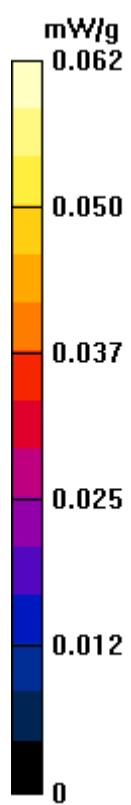
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.081 W/kg

**SAR(1 g) = 0.054 mW/g; SAR(10 g) = 0.035 mW/g**

Maximum value of SAR (measured) = 0.059 mW/g



### #34 WCDMA V\_RMC 12.2K\_Back\_1cm\_Ch4182\_Earphone

#### DUT: 1D0806

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

Medium: MSL\_850\_111231 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.978$  mho/m;  $\epsilon_r =$

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

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 0.210 mW/g

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

Reference Value = 9.684 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.317 W/kg

**SAR(1 g) = 0.184 mW/g; SAR(10 g) = 0.110 mW/g**

Maximum value of SAR (measured) = 0.204 mW/g

**Ch4182/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

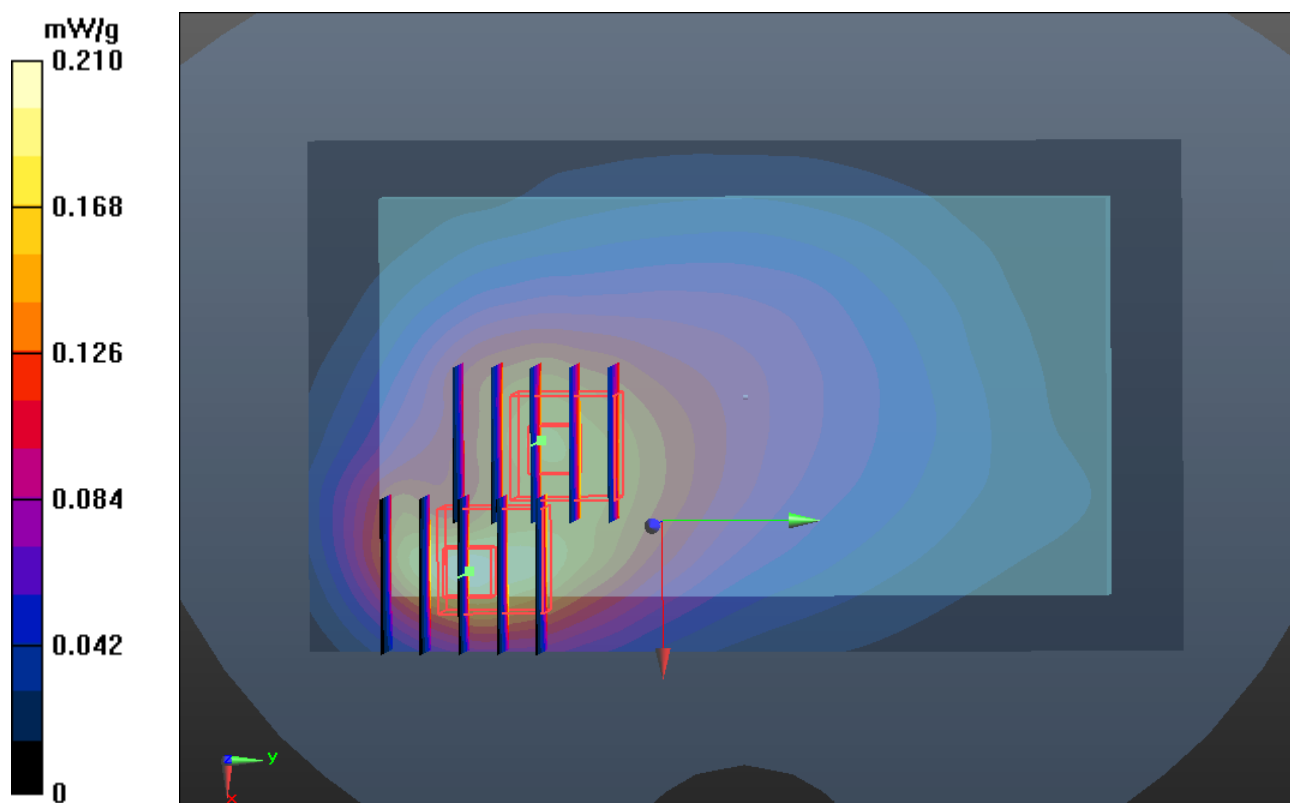
Reference Value = 9.684 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.228 W/kg

**SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.116 mW/g**

Maximum value of SAR (measured) = 0.170 mW/g





### #34 WCDMA V\_RMC 12.2K\_Back\_1cm\_Ch4182\_Earphone\_2D

#### DUT: 1D0806

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

Medium: MSL\_850\_111231 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.978$  mho/m;  $\epsilon_r =$

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

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.67, 8.67, 8.67); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

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

Maximum value of SAR (interpolated) = 0.210 mW/g

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

Reference Value = 9.684 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.317 W/kg

**SAR(1 g) = 0.184 mW/g; SAR(10 g) = 0.110 mW/g**

Maximum value of SAR (measured) = 0.204 mW/g

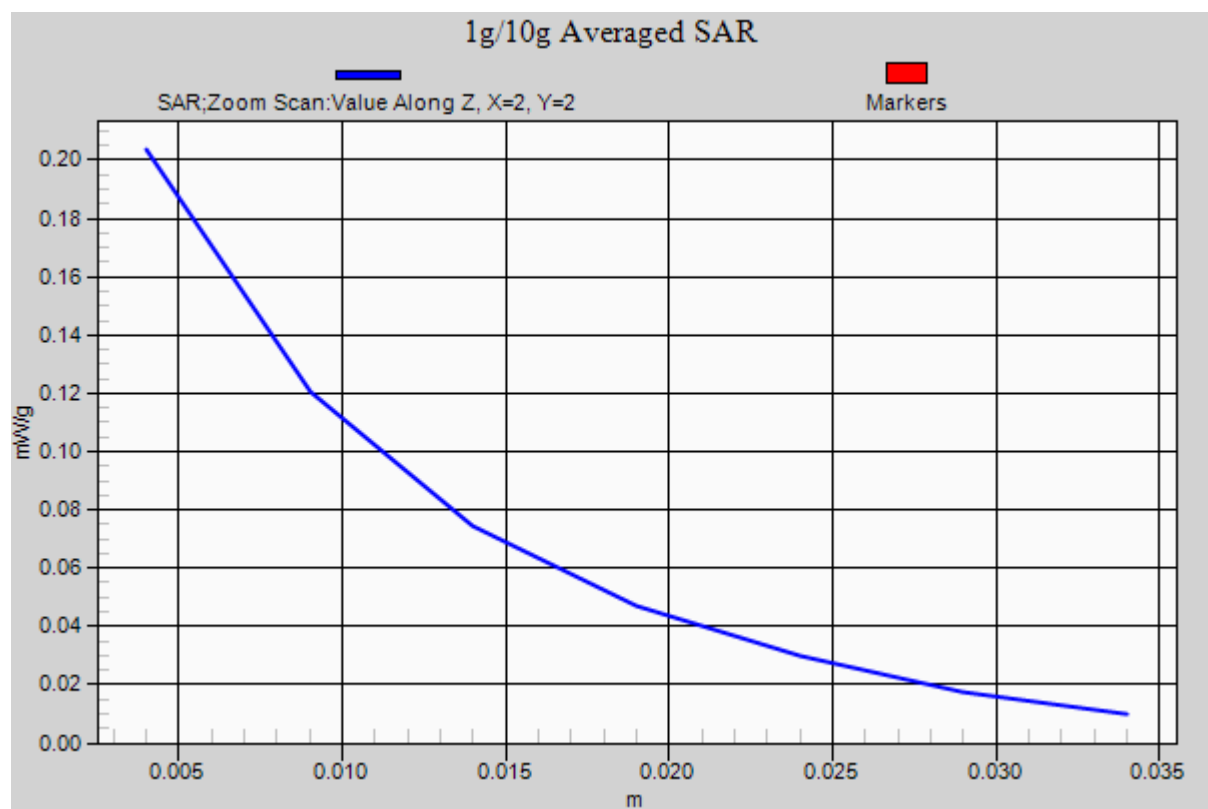
**Ch4182/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.684 V/m; Power Drift = 0.21 dB

Peak SAR (extrapolated) = 0.228 W/kg

**SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.116 mW/g**

Maximum value of SAR (measured) = 0.170 mW/g



**#35 802.11b\_Front\_1cm\_1M\_20\_Ch1**

**DUT: 1D0806**

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_111231 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.87$  mho/m;  $\epsilon_r =$

$54.093$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature :  $23.2$  °C; Liquid Temperature :  $21.1$  °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

**Ch1/Area Scan (81x131x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (interpolated) =  $0.021$  mW/g

**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value =  $1.579$  V/m; Power Drift =  $0.04$  dB

Peak SAR (extrapolated) =  $0.049$  W/kg

**SAR(1 g) =  $0.015$  mW/g; SAR(10 g) =  $0.00524$  mW/g**

Maximum value of SAR (measured) =  $0.021$  mW/g

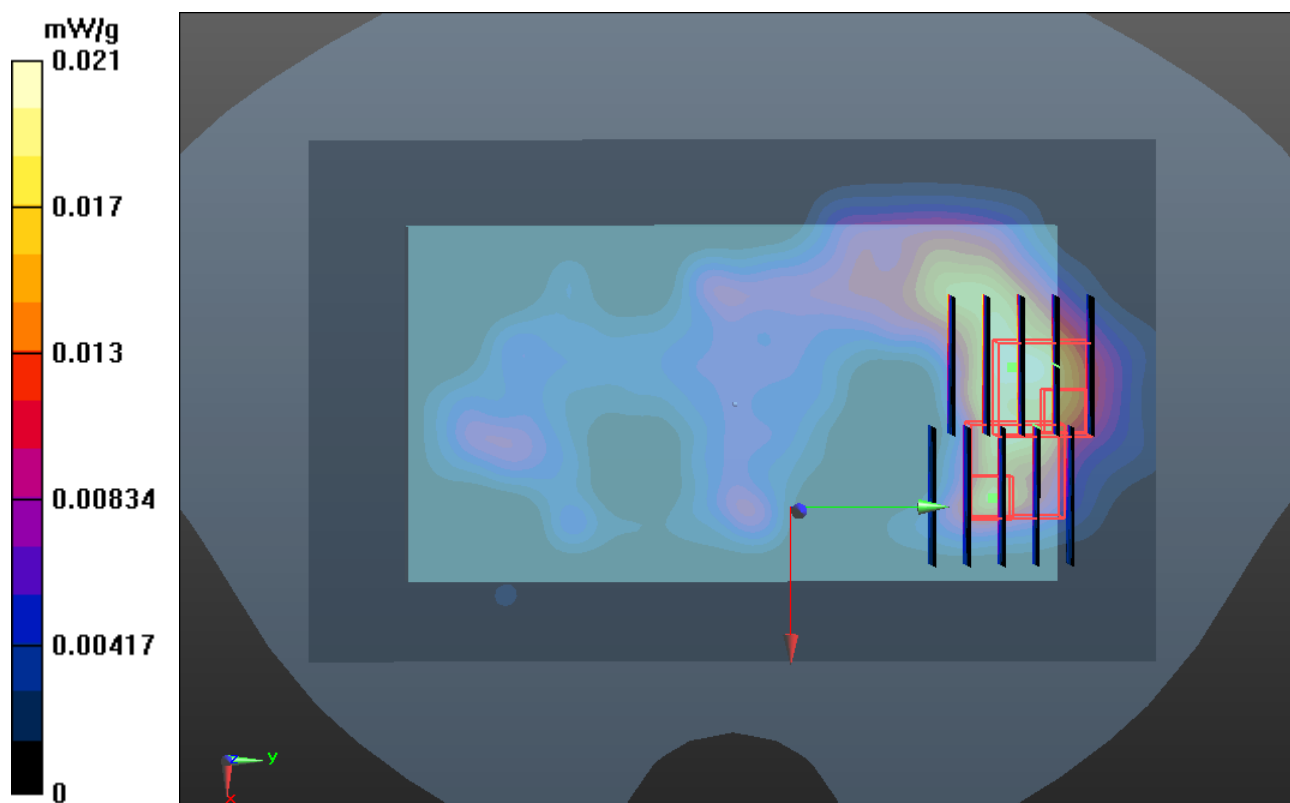
**Ch1/Zoom Scan (5x5x7)/Cube 1:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value =  $1.579$  V/m; Power Drift =  $0.04$  dB

Peak SAR (extrapolated) =  $0.028$  W/kg

**SAR(1 g) =  $0.014$  mW/g; SAR(10 g) =  $0.00686$  mW/g**

Maximum value of SAR (measured) =  $0.018$  mW/g



## #36 802.11b\_Back\_1cm\_1M\_20\_Ch1

### DUT: 1D0806

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_111231 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.87$  mho/m;  $\epsilon_r =$

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

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.1 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

**Ch1/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.064 mW/g

**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.953 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.087 W/kg

**SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.032 mW/g**

Maximum value of SAR (measured) = 0.063 mW/g

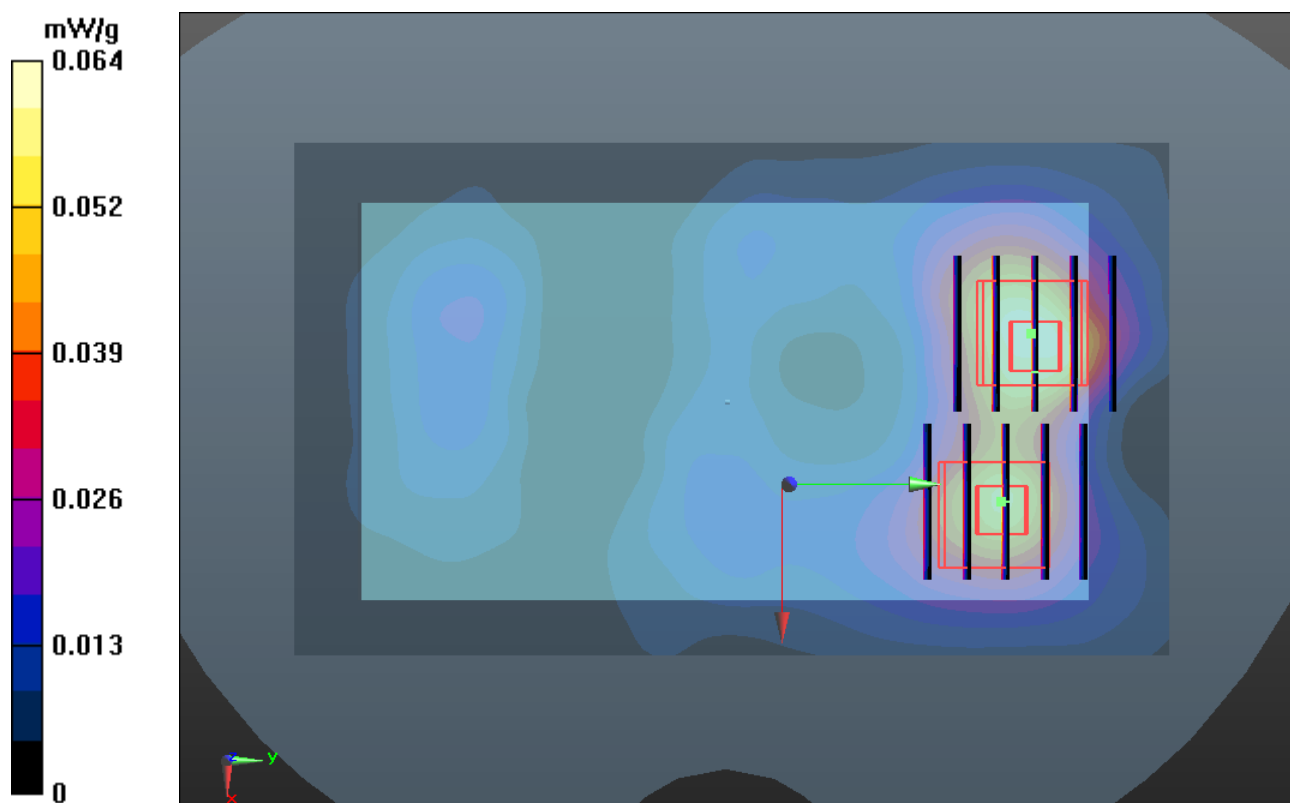
**Ch1/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.953 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.082 W/kg

**SAR(1 g) = 0.051 mW/g; SAR(10 g) = 0.028 mW/g**

Maximum value of SAR (measured) = 0.058 mW/g



**#36 802.11b\_Back\_1cm\_1M\_20\_Ch1\_2D**

**DUT: 1D0806**

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_111231 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.87$  mho/m;  $\epsilon_r =$

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

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.1 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

**Ch1/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.064 mW/g

**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.953 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.087 W/kg

**SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.032 mW/g**

Maximum value of SAR (measured) = 0.063 mW/g

**Ch1/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

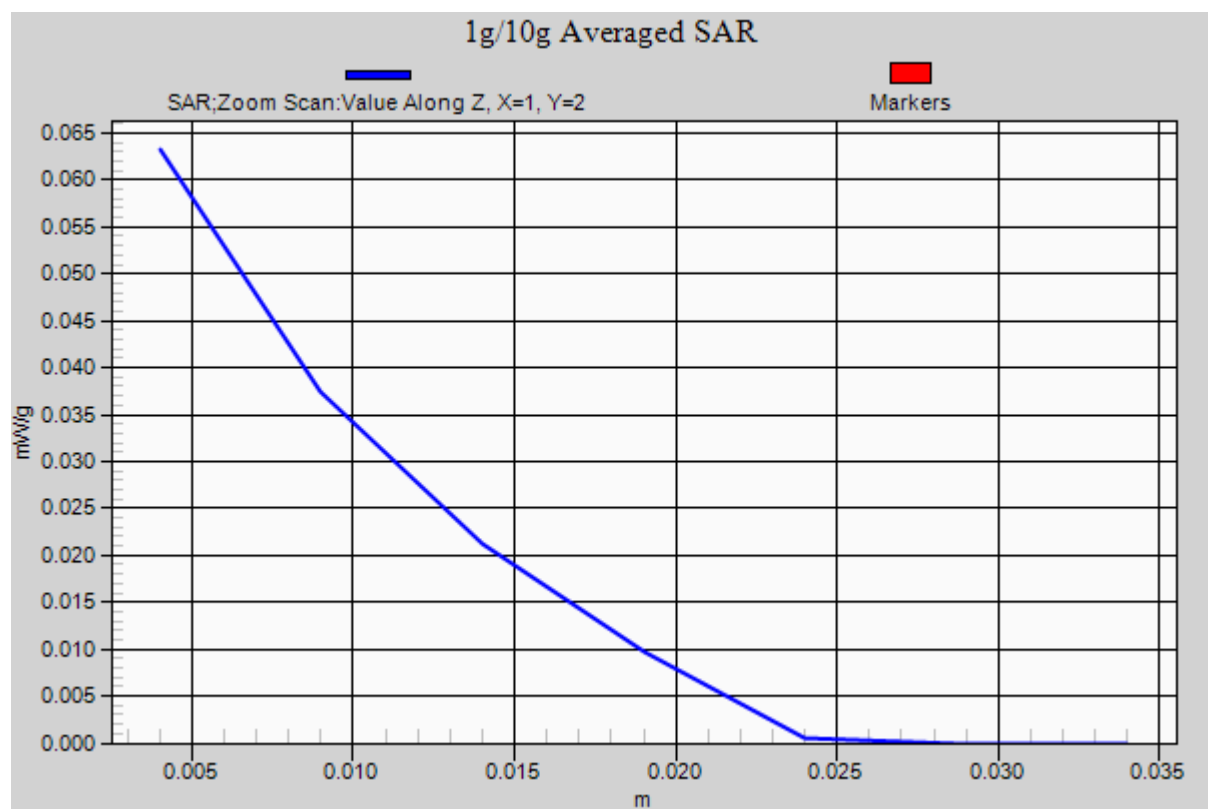
Reference Value = 2.953 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.082 W/kg

**SAR(1 g) = 0.051 mW/g; SAR(10 g) = 0.028 mW/g**

Maximum value of SAR (measured) = 0.058 mW/g





**#37 802.11b\_Left Side\_1cm\_1M\_20\_Ch1**

**DUT: 1D0806**

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_111231 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.87$  mho/m;  $\epsilon_r =$

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

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.1 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

**Ch1/Area Scan (31x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.0091 mW/g

**Ch1/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.343 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.017 W/kg

**SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00629 mW/g**

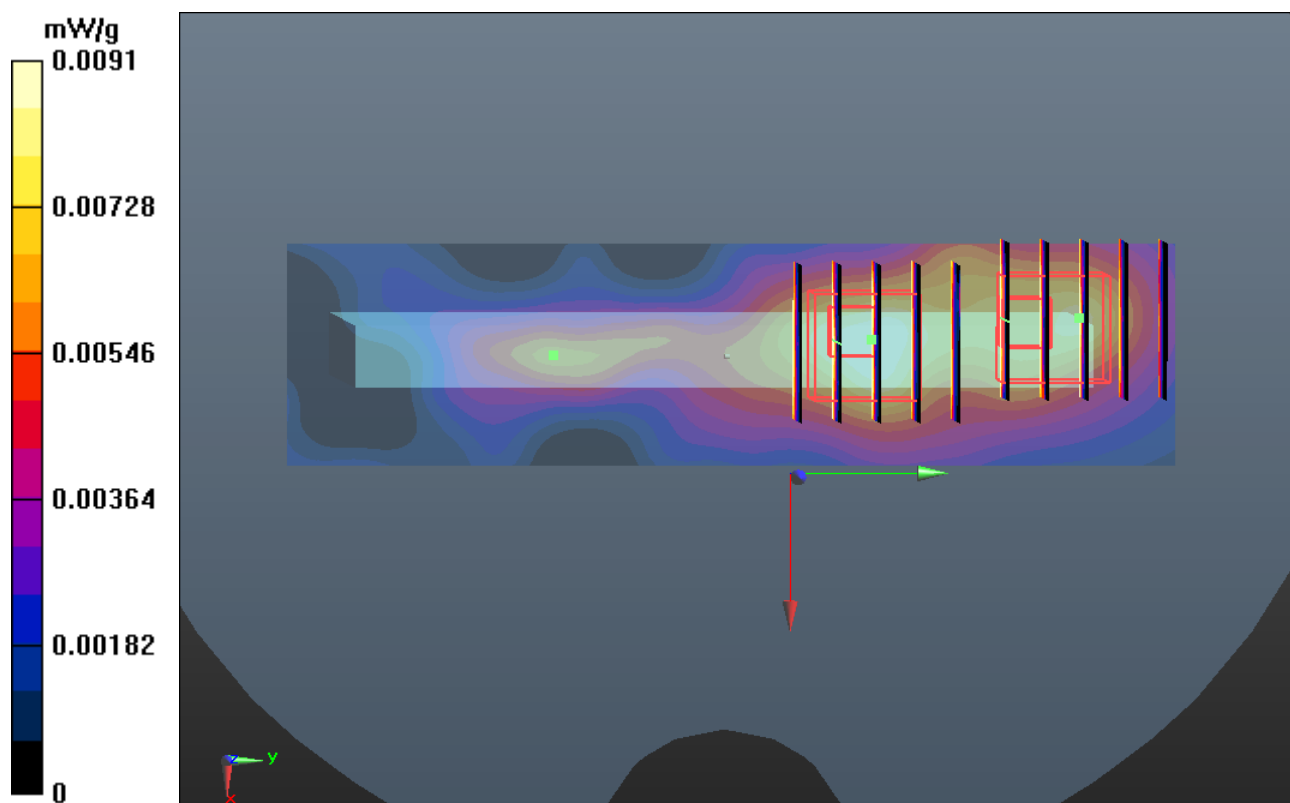
Maximum value of SAR (measured) = 0.013 mW/g

**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.343 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.019 W/kg

**SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00601 mW/g**



**#38 802.11b\_Right Side\_1cm\_1M\_20\_Ch1**

**DUT: 1D0806**

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_111231 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.87$  mho/m;  $\epsilon_r =$

$54.093$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature :  $23.2$  °C; Liquid Temperature :  $21.1$  °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

**Ch1/Area Scan (51x121x1):** Measurement grid:  $dx=15$ mm,  $dy=15$ mm

Maximum value of SAR (interpolated) =  $0.0092$  mW/g

**Ch1/Zoom Scan (5x5x7)/Cube 1:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value =  $2.046$  V/m; Power Drift =  $0.09$  dB

Peak SAR (extrapolated) =  $0.029$  W/kg

**SAR(1 g) =  $0.00454$  mW/g; SAR(10 g) =  $0.000731$  mW/g**

Maximum value of SAR (measured) =  $0.00881$  mW/g

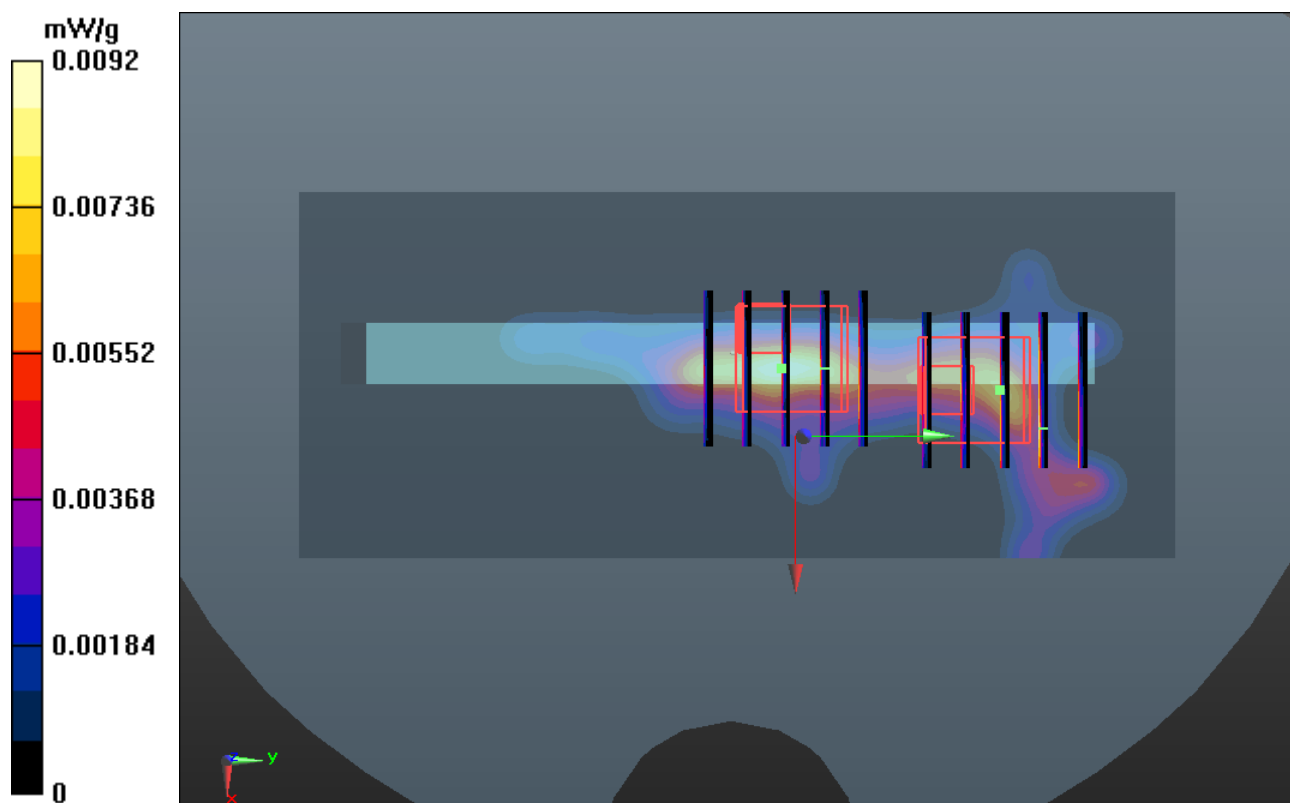
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value =  $2.046$  V/m; Power Drift =  $0.09$  dB

Peak SAR (extrapolated) =  $0.018$  W/kg

**SAR(1 g) =  $0.00382$  mW/g; SAR(10 g) =  $0.000982$  mW/g**

Maximum value of SAR (measured) =  $0.00748$  mW/g



**#39 802.11b\_Top Side\_1cm\_1M\_20\_Ch1**

**DUT: 1D0806**

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_111231 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.87$  mho/m;  $\epsilon_r =$

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

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.1 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

**Ch1/Area Scan (31x91x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.040 mW/g

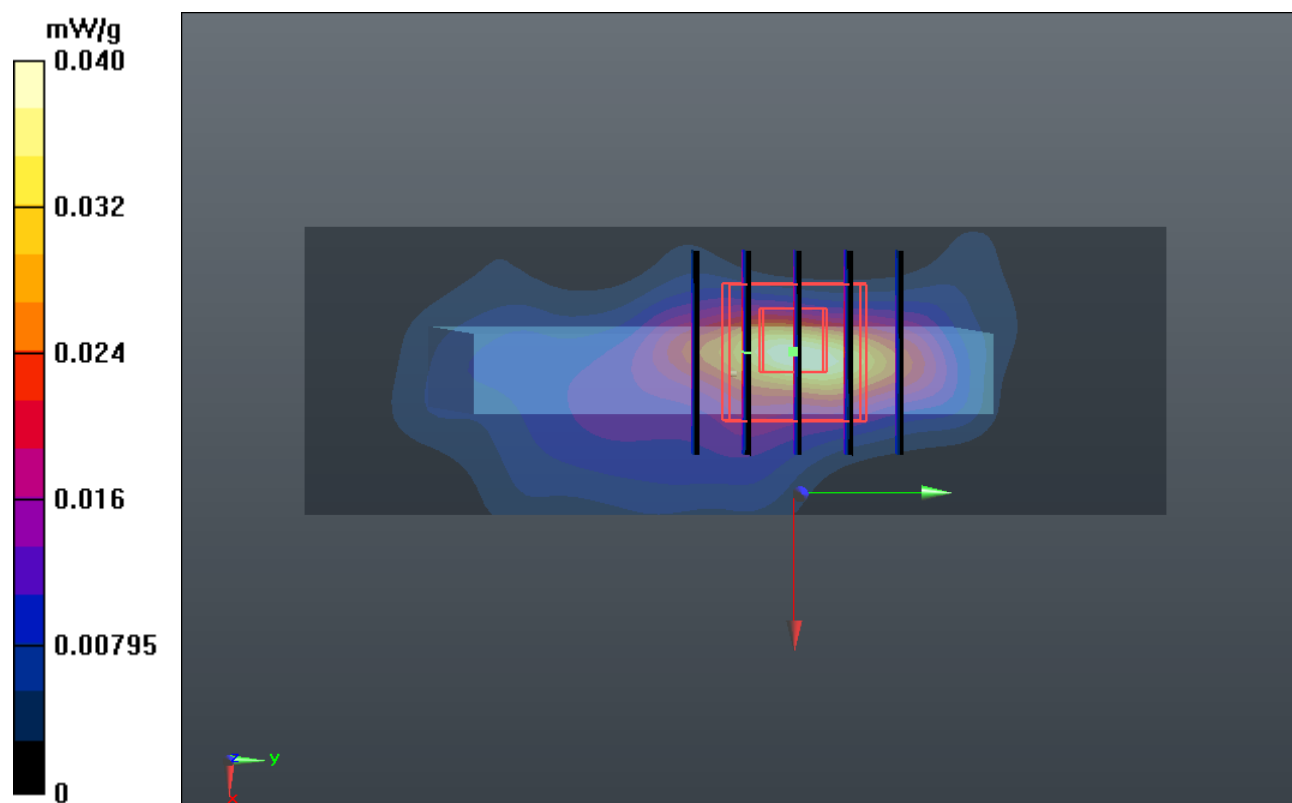
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.361 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.157 W/kg

**SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.012 mW/g**

Maximum value of SAR (measured) = 0.029 mW/g



**#40 802.11b\_Back\_1cm\_1M\_20\_Ch1\_Earphone**

**DUT: 1D0806**

Communication System: WIFI; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_111231 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.87$  mho/m;  $\epsilon_r =$

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

Ambient Temperature : 23.2 °C; Liquid Temperature : 21.1 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(6.73, 6.73, 6.73); Calibrated: 2011-9-2
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2011-11-18
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.4.5 (3634)

**Ch1/Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.093 mW/g

**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.488 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.090 W/kg

**SAR(1 g) = 0.048 mW/g; SAR(10 g) = 0.024 mW/g**

Maximum value of SAR (measured) = 0.052 mW/g



