

### 01 GSM1900\_Right Cheek \_Ch810

**DUT: 220812**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_120308 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.424$  mho/m;  $\epsilon_r =$

$39.765$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.03, 5.03, 5.03); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Ch810/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.459 mW/g

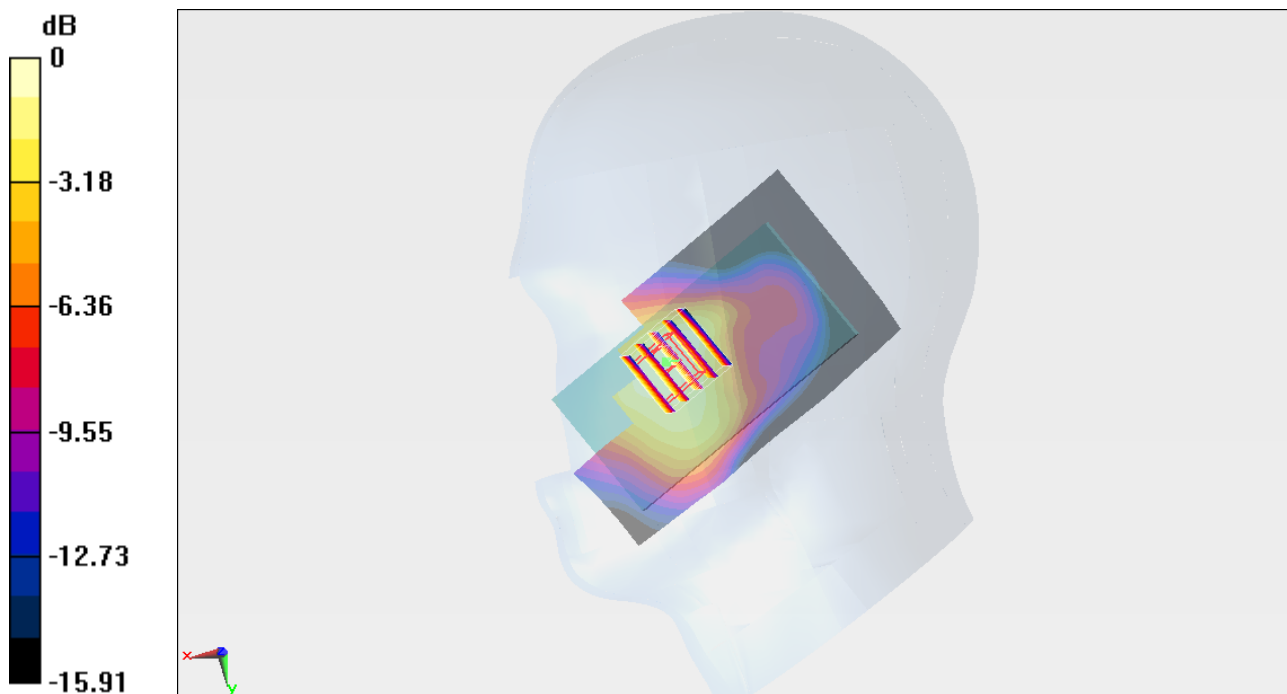
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.433 V/m; Power Drift = -0.156 dB

Peak SAR (extrapolated) = 0.5910

**SAR(1 g) = 0.404 mW/g; SAR(10 g) = 0.262 mW/g**

Maximum value of SAR (measured) = 0.429 mW/g



0 dB = 0.430mW/g = -7.33 dB mW/g

## 02 GSM1900\_Right Tilted \_Ch810

### DUT: 220812

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_120308 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.424$  mho/m;  $\epsilon_r =$

$39.765$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.03, 5.03, 5.03); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Ch810/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

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

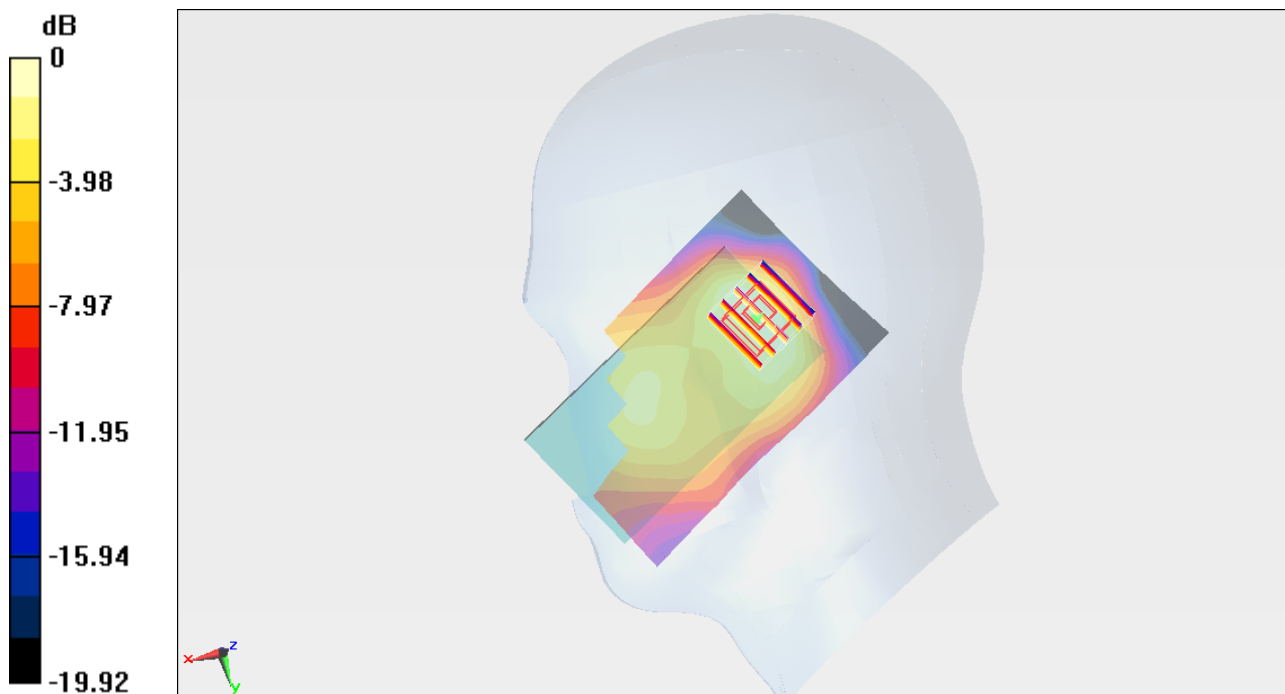
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.111 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.1900

**SAR(1 g) = 0.121 mW/g; SAR(10 g) = 0.071 mW/g**

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



0 dB = 0.130mW/g = -17.72 dB mW/g

### 03 GSM1900\_Left Cheek \_Ch810

**DUT: 220812**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_120308 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.424$  mho/m;  $\epsilon_r =$

$39.765$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.03, 5.03, 5.03); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Ch810/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.660 mW/g

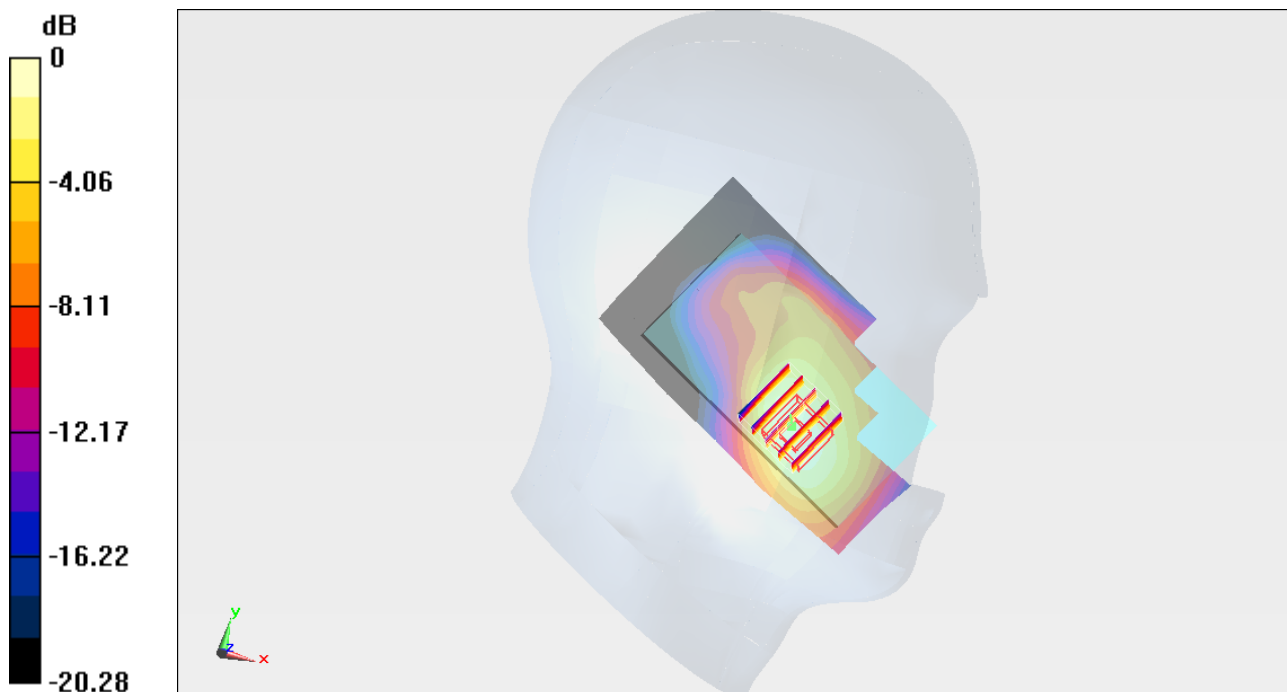
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.399 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.9510

**SAR(1 g) = 0.592 mW/g; SAR(10 g) = 0.348 mW/g**

Maximum value of SAR (measured) = 0.628 mW/g



0 dB = 0.630mW/g = -4.01 dB mW/g

### 03 GSM1900\_Left Cheek \_Ch810\_2D

**DUT: 220812**

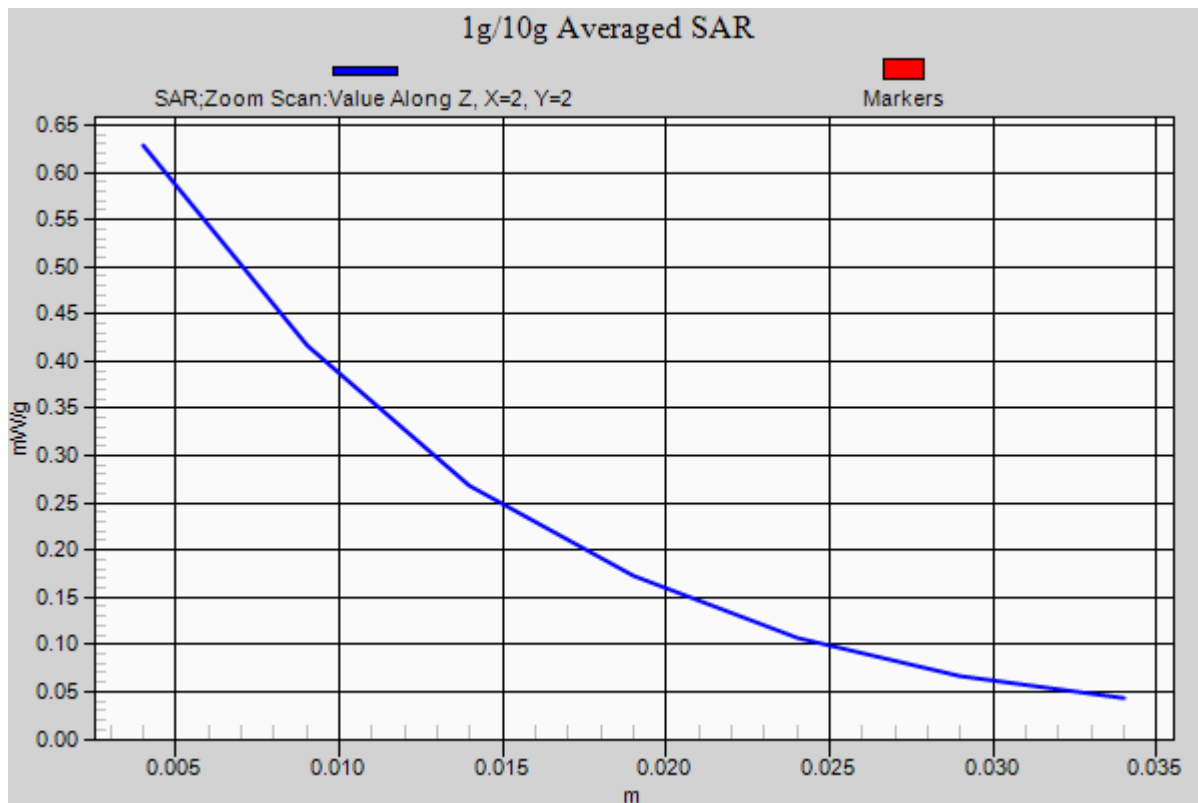
Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3  
Medium: HSL\_1900\_120308 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.424$  mho/m;  $\epsilon_r = 39.765$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.03, 5.03, 5.03); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Ch810/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.660 mW/g

**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 5.399 V/m; Power Drift = -0.01 dB  
Peak SAR (extrapolated) = 0.9510  
**SAR(1 g) = 0.592 mW/g; SAR(10 g) = 0.348 mW/g**  
Maximum value of SAR (measured) = 0.628 mW/g



### 04 GSM1900\_Left Tilted\_Ch810

#### DUT: 220812

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_120308 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.424$  mho/m;  $\epsilon_r =$

$39.765$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.03, 5.03, 5.03); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Ch810/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.154 mW/g

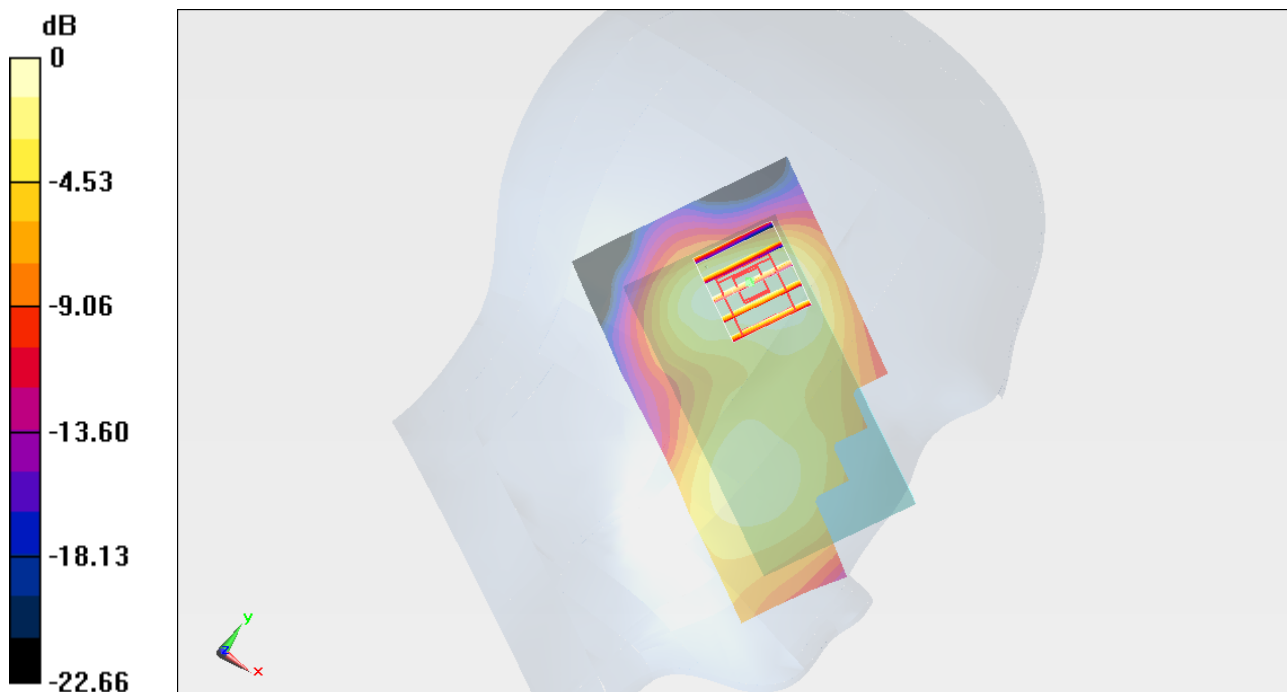
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.763 V/m; Power Drift = -0.123 dB

Peak SAR (extrapolated) = 0.1850

**SAR(1 g) = 0.122 mW/g; SAR(10 g) = 0.077 mW/g**

Maximum value of SAR (measured) = 0.130 mW/g



0 dB = 0.130mW/g = -17.72 dB mW/g

## 16 802.11b\_Right Cheek\_Ch11

### DUT: 220812

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: HSL\_2450\_120321 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.85$  mho/m;  $\epsilon_r = 39.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

#### DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.41, 4.41, 4.41); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch11/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.316 mW/g

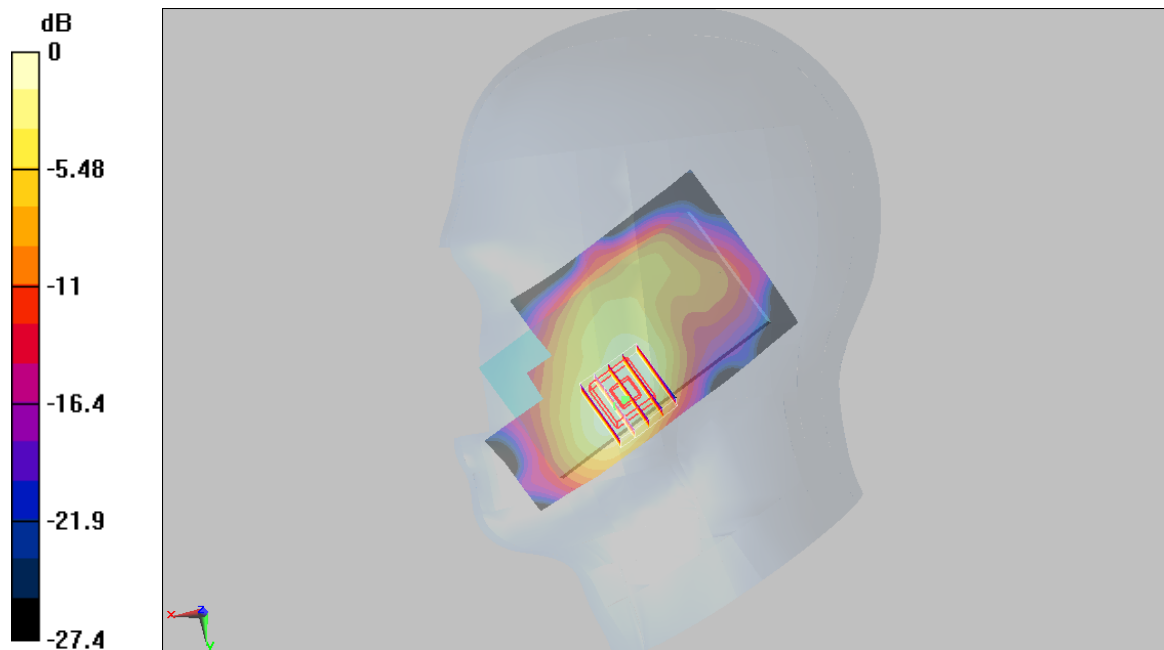
**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.72 V/m; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 0.591 W/kg

**SAR(1 g) = 0.295 mW/g; SAR(10 g) = 0.154 mW/g**

Maximum value of SAR (measured) = 0.311 mW/g



0 dB = 0.311mW/g

**16 802.11b\_Right Cheek\_Ch11\_2D**

**DUT: 220812**

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: HSL\_2450\_120321 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.85$  mho/m;  $\epsilon_r = 39.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

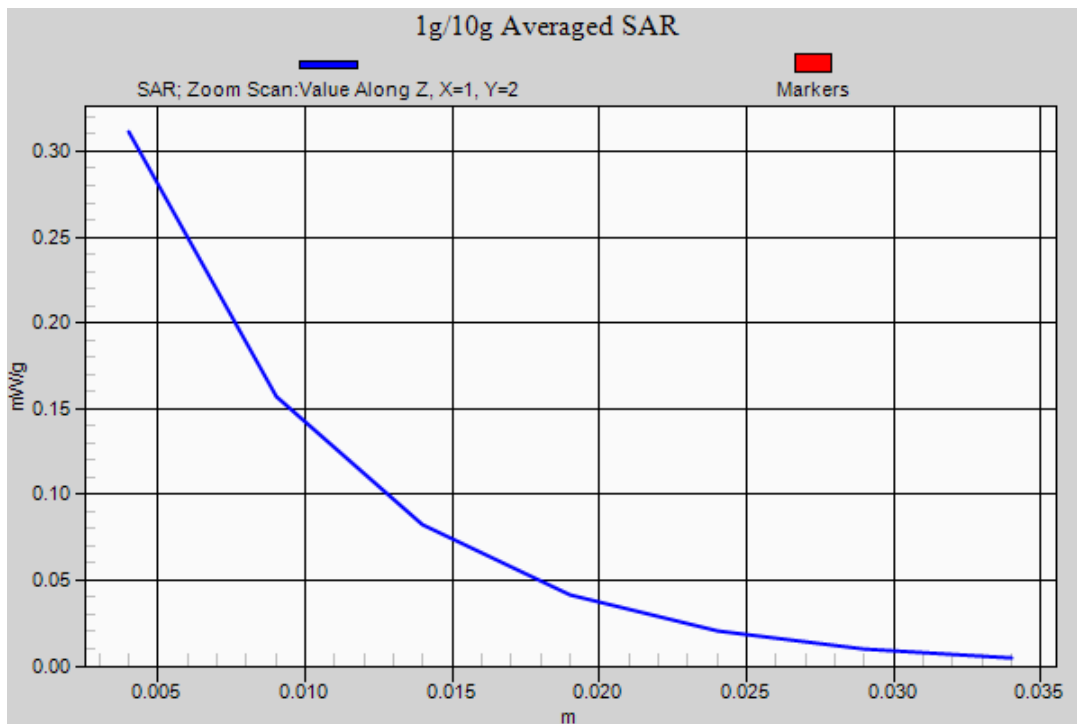
Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.41, 4.41, 4.41); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch11/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (interpolated) = 0.316 mW/g

**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 4.72 V/m; Power Drift = -0.022 dB  
 Peak SAR (extrapolated) = 0.591 W/kg  
**SAR(1 g) = 0.295 mW/g; SAR(10 g) = 0.154 mW/g**  
 Maximum value of SAR (measured) = 0.311 mW/g



**17 802.11b\_Right Tilted\_Ch11****DUT: 220812**

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: HSL\_2450\_120321 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.85$  mho/m;  $\epsilon_r = 39.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(4.41, 4.41, 4.41); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch11/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.101 mW/g

**Ch11/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.98 V/m; Power Drift = 0.074 dB

Peak SAR (extrapolated) = 0.158 W/kg

**SAR(1 g) = 0.078 mW/g; SAR(10 g) = 0.039 mW/g**

Maximum value of SAR (measured) = 0.084 mW/g

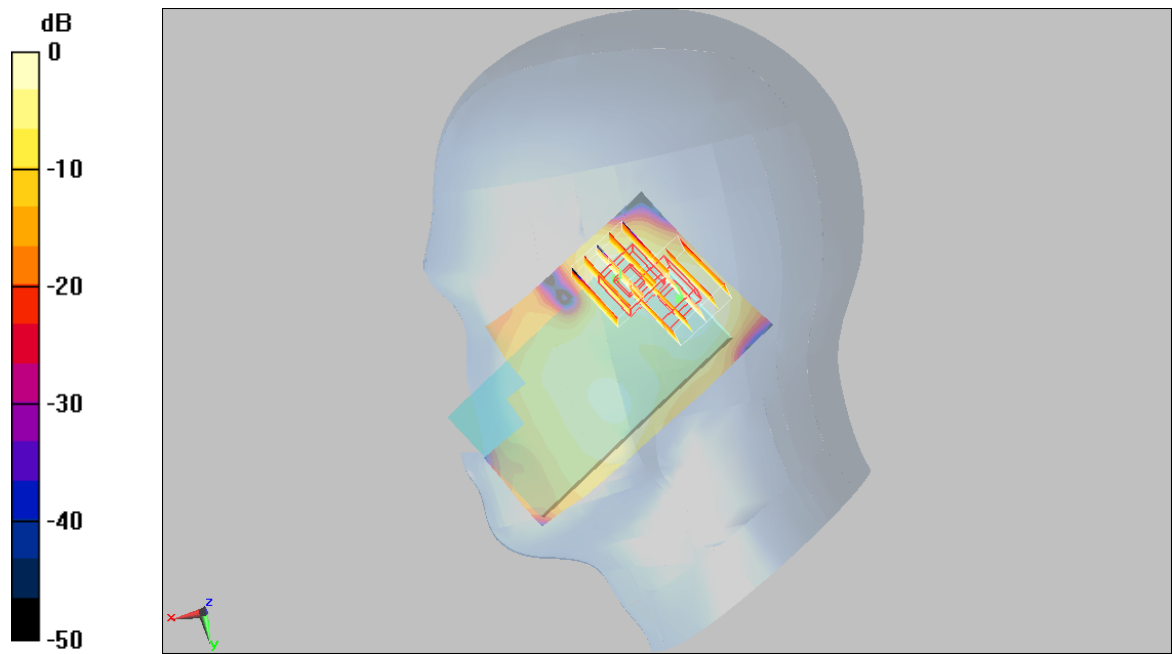
**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.98 V/m; Power Drift = 0.074 dB

Peak SAR (extrapolated) = 0.151 W/kg

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

Maximum value of SAR (measured) = 0.076 mW/g



0 dB = 0.076mW/g

## 18 802.11b\_Left Cheek\_Ch11

### DUT: 220812

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: HSL\_2450\_120321 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.85$  mho/m;  $\epsilon_r = 39.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

#### DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.41, 4.41, 4.41); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch11/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.148 mW/g

**Ch11/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.43 V/m; Power Drift = 0.177 dB

Peak SAR (extrapolated) = 0.233 W/kg

**SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.073 mW/g**

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

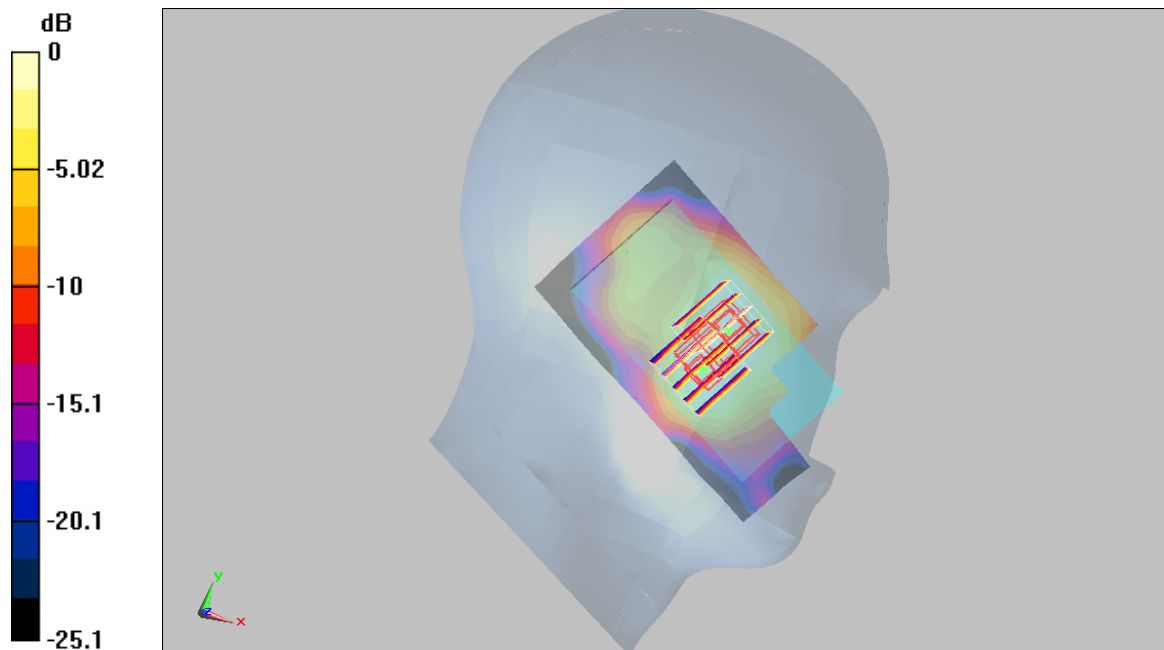
**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.43 V/m; Power Drift = 0.177 dB

Peak SAR (extrapolated) = 0.221 W/kg

**SAR(1 g) = 0.121 mW/g; SAR(10 g) = 0.070 mW/g**

Maximum value of SAR (measured) = 0.133 mW/g



0 dB = 0.133mW/g

## 19 802.11b\_Left Tilted\_Ch11

### DUT: 220812

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: HSL\_2450\_120321 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.85$  mho/m;  $\epsilon_r = 39.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

#### DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.41, 4.41, 4.41); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch11/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

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

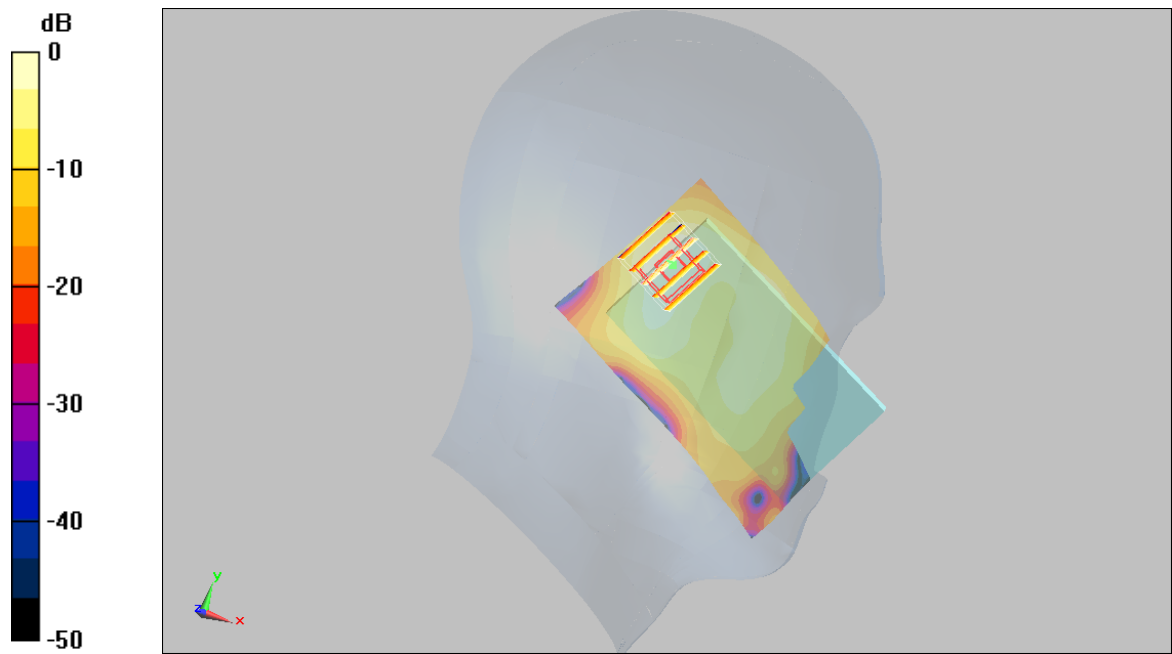
**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.26 V/m; Power Drift = 0.084 dB

Peak SAR (extrapolated) = 0.185 W/kg

**SAR(1 g) = 0.090 mW/g; SAR(10 g) = 0.044 mW/g**

Maximum value of SAR (measured) = 0.100 mW/g



0 dB = 0.100mW/g

### 05 GSM1900\_GPRS10\_Front\_1cm\_Ch810

**DUT: 220812**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_120309 Medium parameters used:  $f = 1910 \text{ MHz}$ ;  $\sigma = 1.528 \text{ mho/m}$ ;  $\epsilon_r =$

$53.139$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $22.5 \text{ }^\circ\text{C}$  ; Liquid Temperature :  $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Ch810/Area Scan (61x101x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.838 \text{ mW/g}$

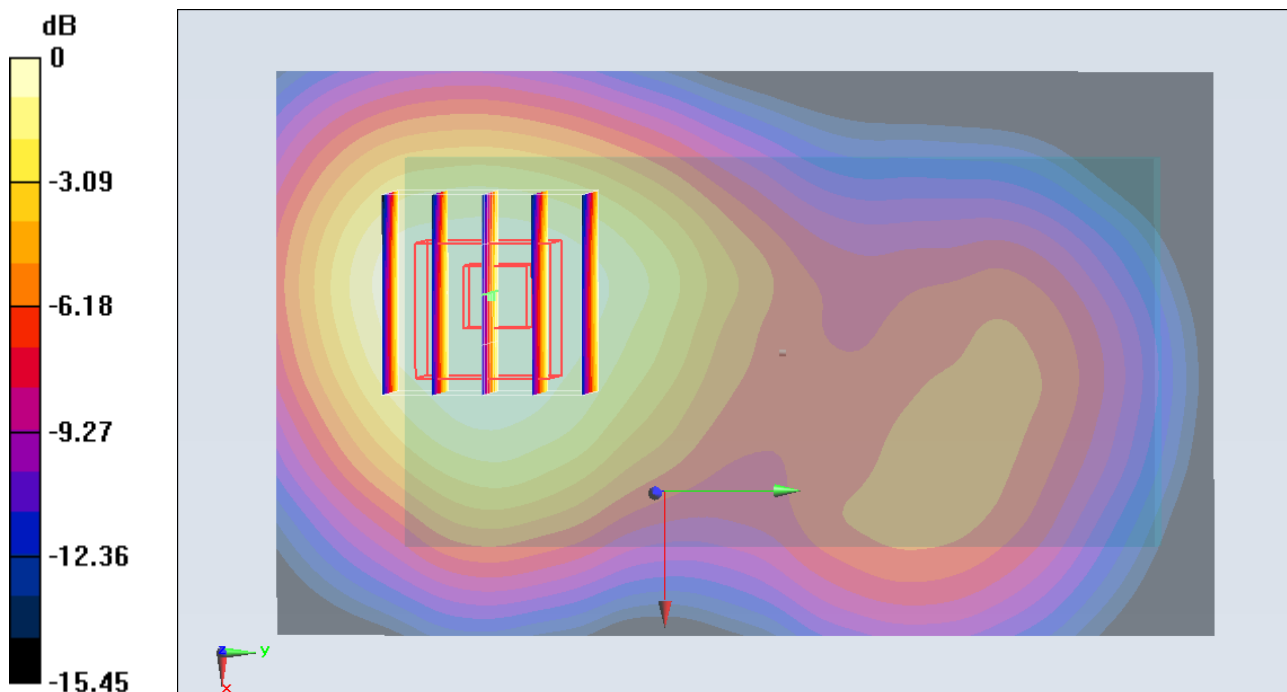
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $11.329 \text{ V/m}$ ; Power Drift =  $-0.13 \text{ dB}$

Peak SAR (extrapolated) =  $1.1780$

**SAR(1 g) =  $0.750 \text{ mW/g}$ ; SAR(10 g) =  $0.479 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.802 \text{ mW/g}$



0 dB =  $0.800\text{mW/g}$  =  $-1.94 \text{ dB mW/g}$

### 06 GSM1900\_GPRS10\_Back\_1cm\_Ch810

**DUT: 220812**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_120309 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.528$  mho/m;  $\epsilon_r =$

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

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Ch810/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.234 mW/g

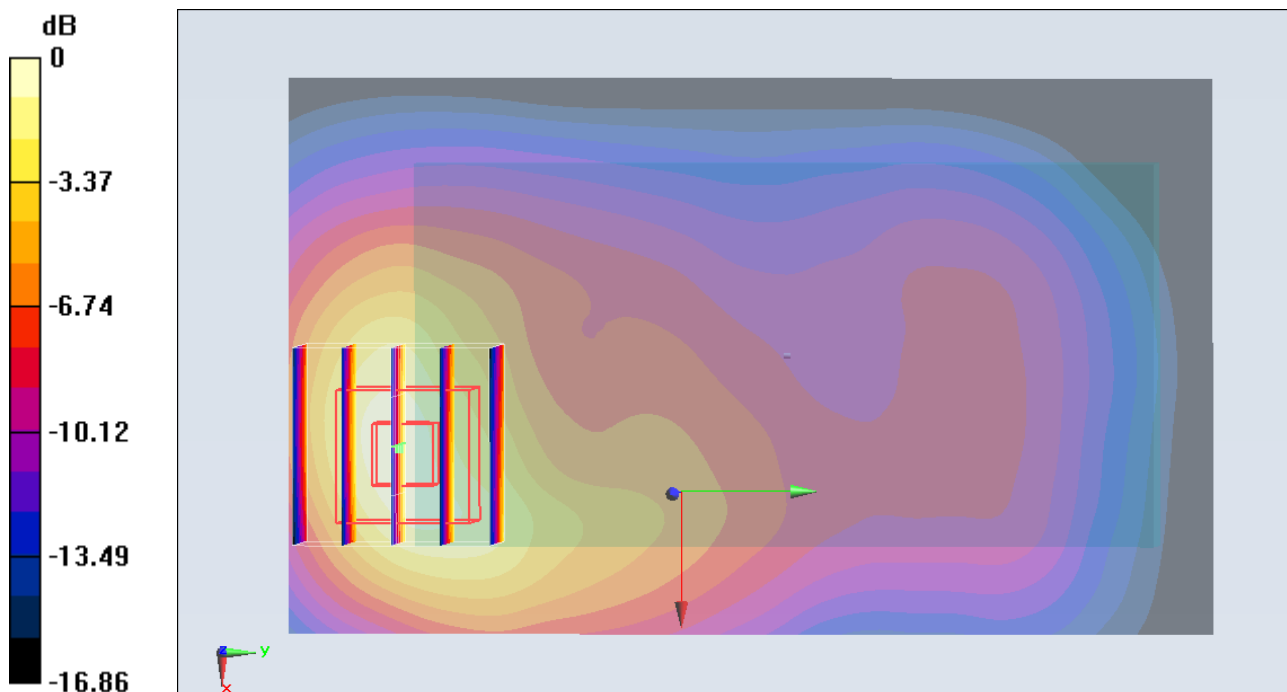
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.775 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.9500

**SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.595 mW/g**

Maximum value of SAR (measured) = 1.249 mW/g



0 dB = 1.250mW/g = 1.94 dB mW/g

### 07 GSM1900\_GPRS10\_Left Side\_1cm\_Ch810

**DUT: 220812**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_120309 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.528$  mho/m;  $\epsilon_r =$

$53.139$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Ch810/Area Scan (31x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.412 mW/g

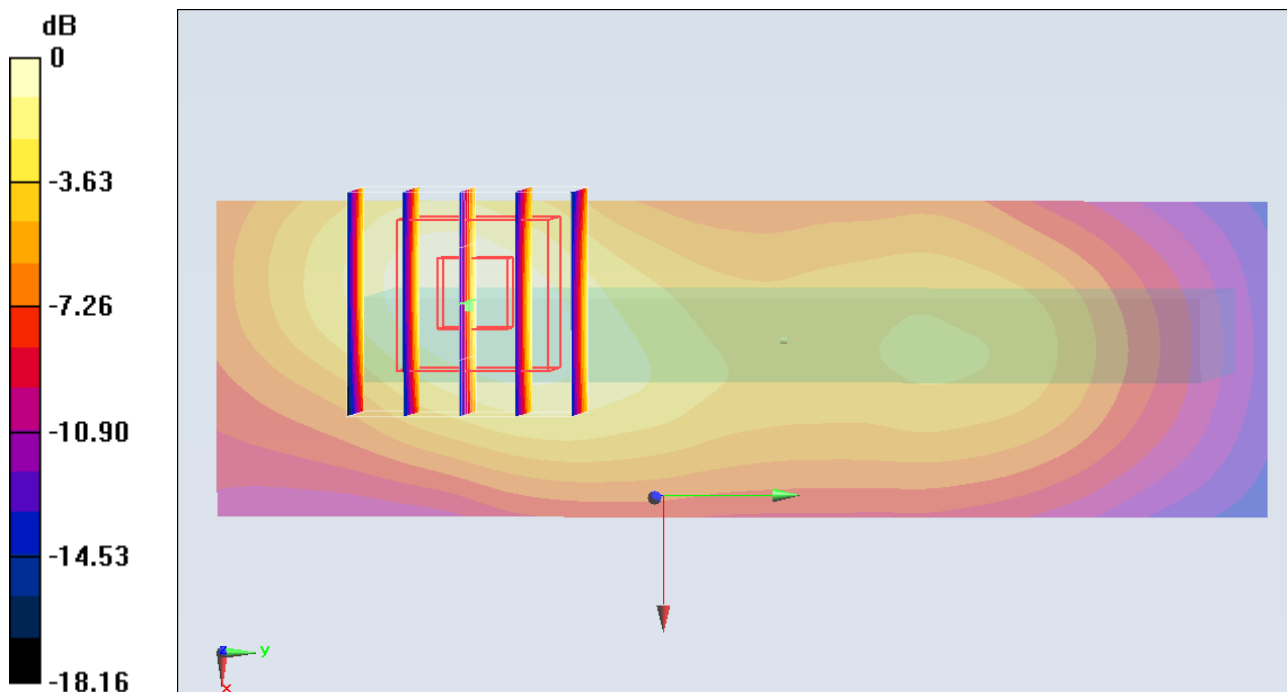
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.133 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.6270

**SAR(1 g) = 0.365 mW/g; SAR(10 g) = 0.203 mW/g**

Maximum value of SAR (measured) = 0.406 mW/g



0 dB = 0.410mW/g = -7.74 dB mW/g

### 08 GSM1900\_GPRS10\_Right Side\_1cm\_Ch810

**DUT: 220812**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_120309 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.528$  mho/m;  $\epsilon_r = 53.139$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Ch810/Area Scan (31x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.081 mW/g

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

Reference Value = 6.917 V/m; Power Drift = 0.037 dB

Peak SAR (extrapolated) = 0.1250

**SAR(1 g) = 0.078 mW/g; SAR(10 g) = 0.048 mW/g**

Maximum value of SAR (measured) = 0.084 mW/g

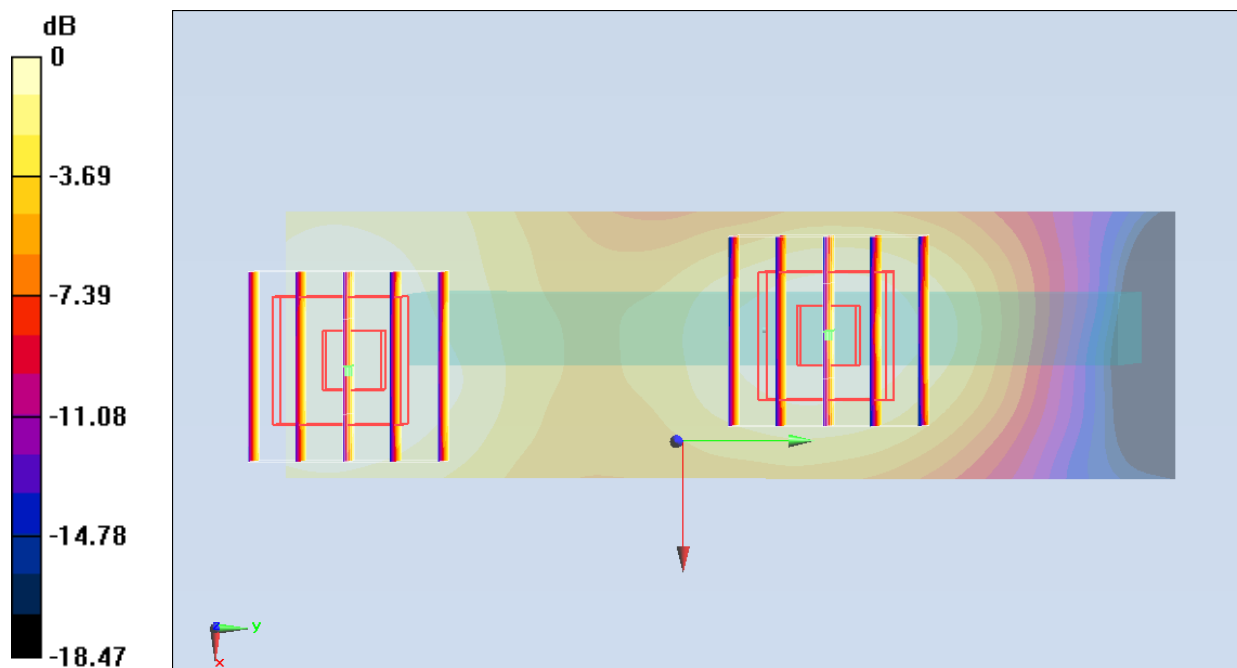
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.917 V/m; Power Drift = 0.037 dB

Peak SAR (extrapolated) = 0.1170

**SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.043 mW/g**

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



0 dB = 0.080mW/g = -21.94 dB mW/g

### 10 GSM1900\_GPRS10\_Bottom Side\_1cm\_Ch810

**DUT: 220812**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_120309 Medium parameters used:  $f = 1910 \text{ MHz}$ ;  $\sigma = 1.528 \text{ mho/m}$ ;  $\epsilon_r =$

$53.139$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $22.5 \text{ }^\circ\text{C}$  ; Liquid Temperature :  $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Ch810/Area Scan (31x61x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

Maximum value of SAR (interpolated) =  $0.850 \text{ mW/g}$

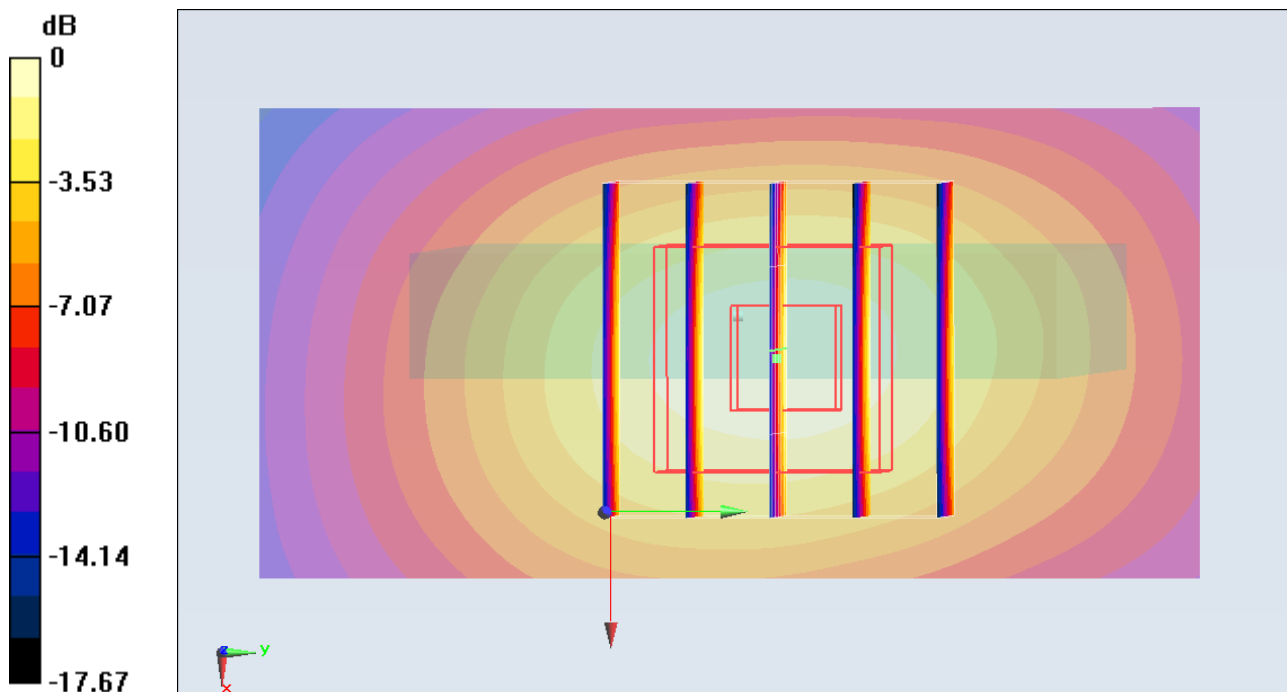
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $23.871 \text{ V/m}$ ; Power Drift =  $-0.07 \text{ dB}$

Peak SAR (extrapolated) =  $1.3810$

**SAR(1 g) =  $0.774 \text{ mW/g}$ ; SAR(10 g) =  $0.419 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.860 \text{ mW/g}$



0 dB =  $0.860\text{mW/g} = -1.31 \text{ dB mW/g}$

## 11 GSM1900\_GPRS10\_Back\_1cm\_Ch512

### DUT: 220812

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_120309 Medium parameters used :  $f = 1850.2$  MHz;  $\sigma = 1.458$  mho/m;  $\epsilon_r =$

$53.273$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Ch512/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.317 mW/g

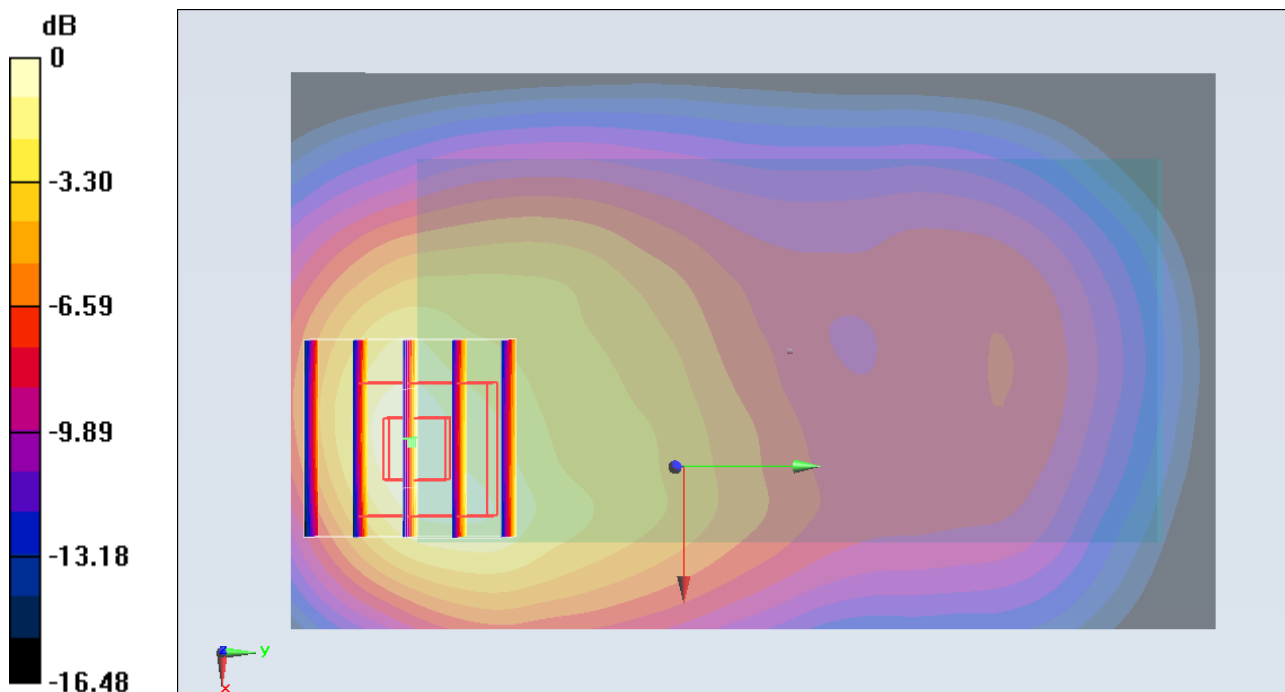
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.877 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.8710

**SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.669 mW/g**

Maximum value of SAR (measured) = 1.322 mW/g



0 dB = 1.320mW/g = 2.41 dB mW/g

### 11 GSM1900\_GPRS10\_Back\_1cm\_Ch512\_2D

#### DUT: 220812

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_120309 Medium parameters used :  $f = 1850.2$  MHz;  $\sigma = 1.458$  mho/m;  $\epsilon_r =$

$53.273$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

#### DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Ch512/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.317 mW/g

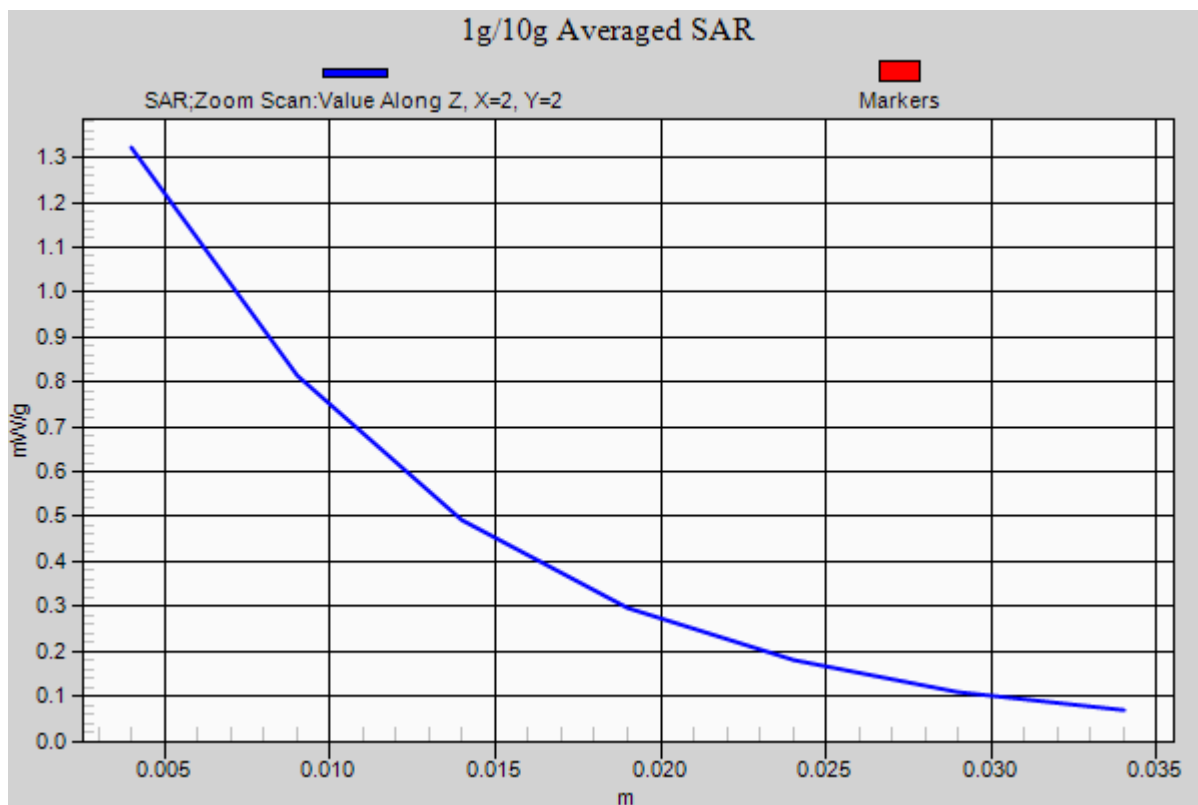
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.877 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.8710

**SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.669 mW/g**

Maximum value of SAR (measured) = 1.322 mW/g



## 12 GSM1900\_GPRS10\_Back\_1cm\_Ch661

**DUT: 220812**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_120309 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.493$  mho/m;  $\epsilon_r =$

$53.147$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Ch661/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.239 mW/g

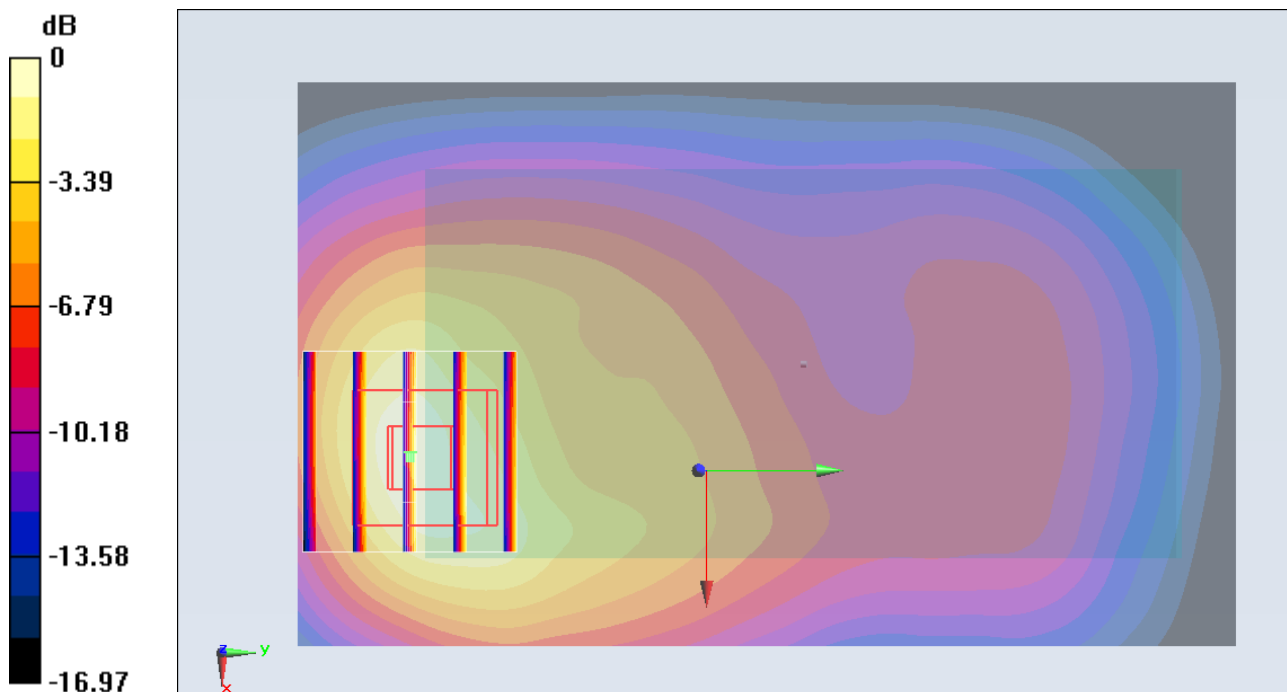
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.544 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.8750

**SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.621 mW/g**

Maximum value of SAR (measured) = 1.260 mW/g



0 dB = 1.260mW/g = 2.01 dB mW/g

### 05 GSM1900\_GPRS10\_Front\_1cm\_Ch810

**DUT: 220812**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_120309 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.528$  mho/m;  $\epsilon_r =$

$53.139$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Ch810/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.838 mW/g

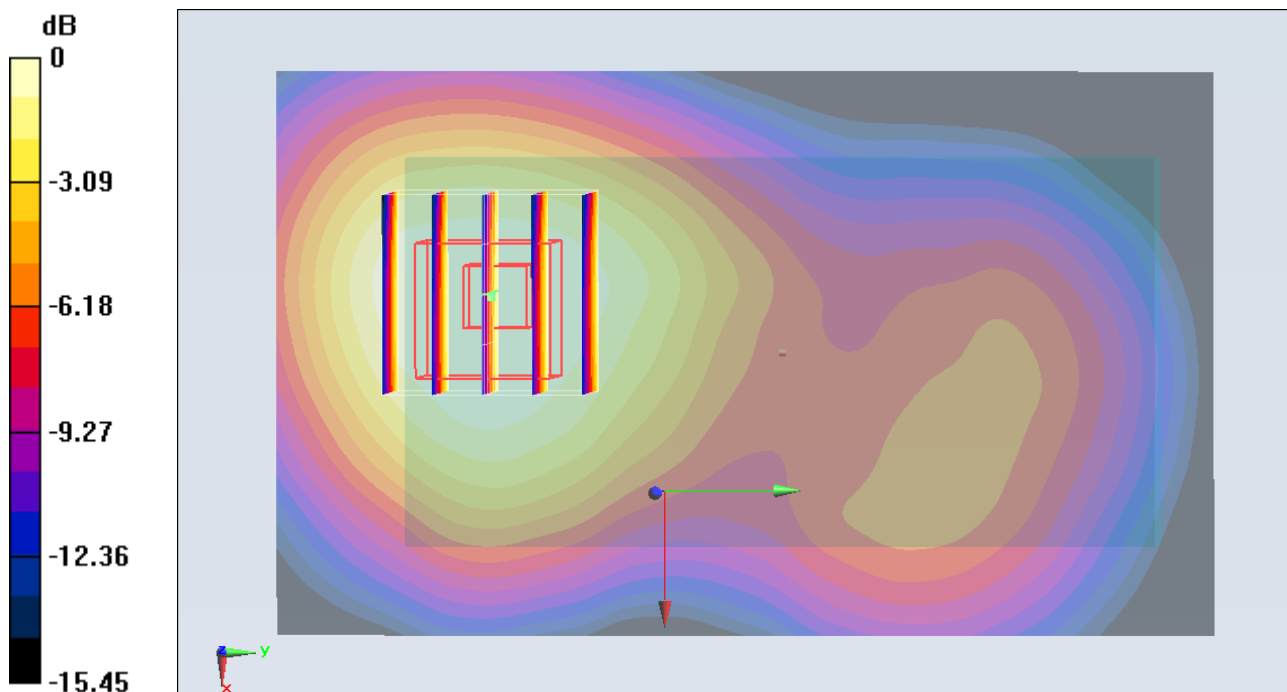
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.329 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.1780

**SAR(1 g) = 0.750 mW/g; SAR(10 g) = 0.479 mW/g**

Maximum value of SAR (measured) = 0.802 mW/g



0 dB = 0.800mW/g = -1.94 dB mW/g

### 06 GSM1900\_GPRS10\_Back\_1cm\_Ch810

**DUT: 220812**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_120309 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.528$  mho/m;  $\epsilon_r =$

$53.139$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Ch810/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.234 mW/g

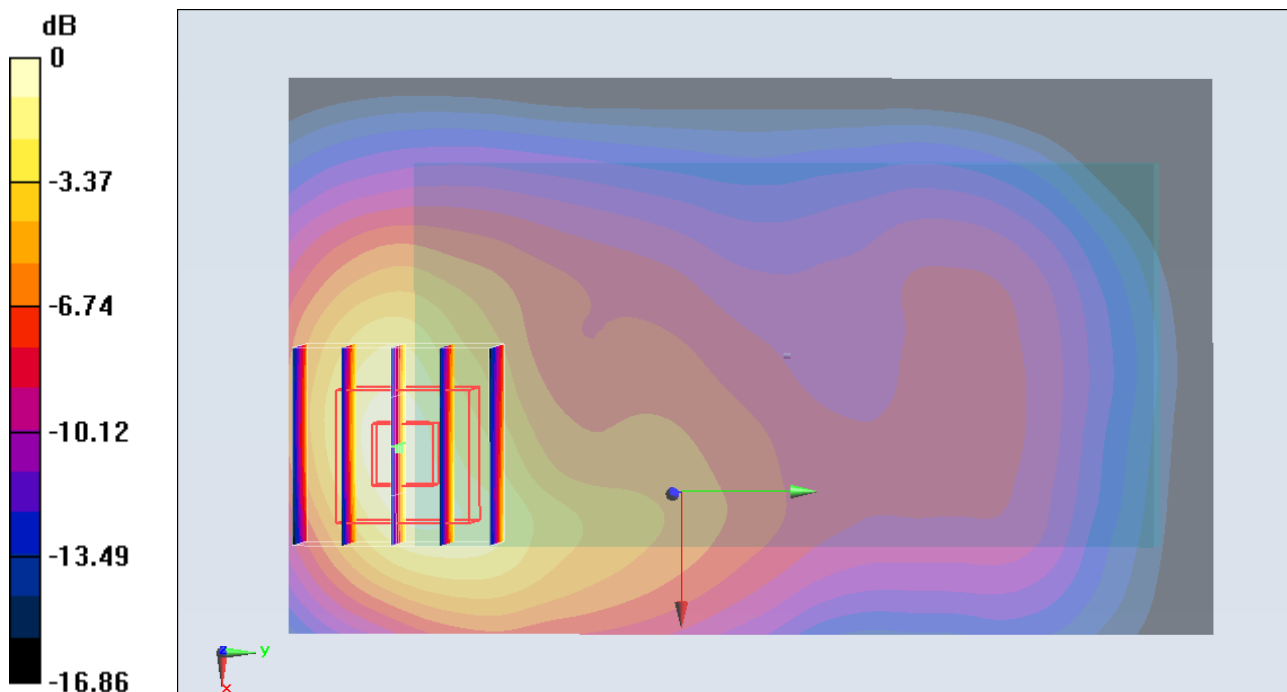
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.775 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.9500

**SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.595 mW/g**

Maximum value of SAR (measured) = 1.249 mW/g



0 dB = 1.250mW/g = 1.94 dB mW/g

## 11 GSM1900\_GPRS10\_Back\_1cm\_Ch512

### DUT: 220812

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_120309 Medium parameters used :  $f = 1850.2$  MHz;  $\sigma = 1.458$  mho/m;  $\epsilon_r =$

$53.273$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Ch512/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.317 mW/g

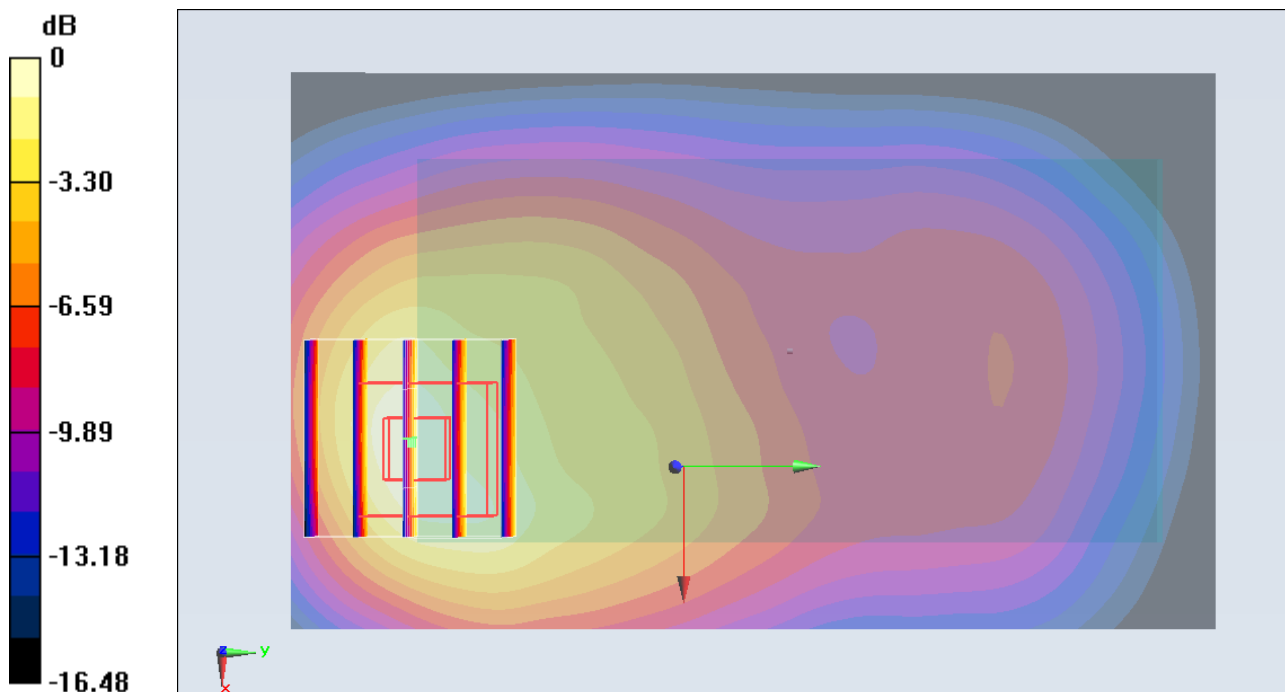
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.877 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.8710

**SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.669 mW/g**

Maximum value of SAR (measured) = 1.322 mW/g



0 dB = 1.320mW/g = 2.41 dB mW/g

## 12 GSM1900\_GPRS10\_Back\_1cm\_Ch661

**DUT: 220812**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_120309 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.493$  mho/m;  $\epsilon_r =$

$53.147$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Ch661/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.239 mW/g

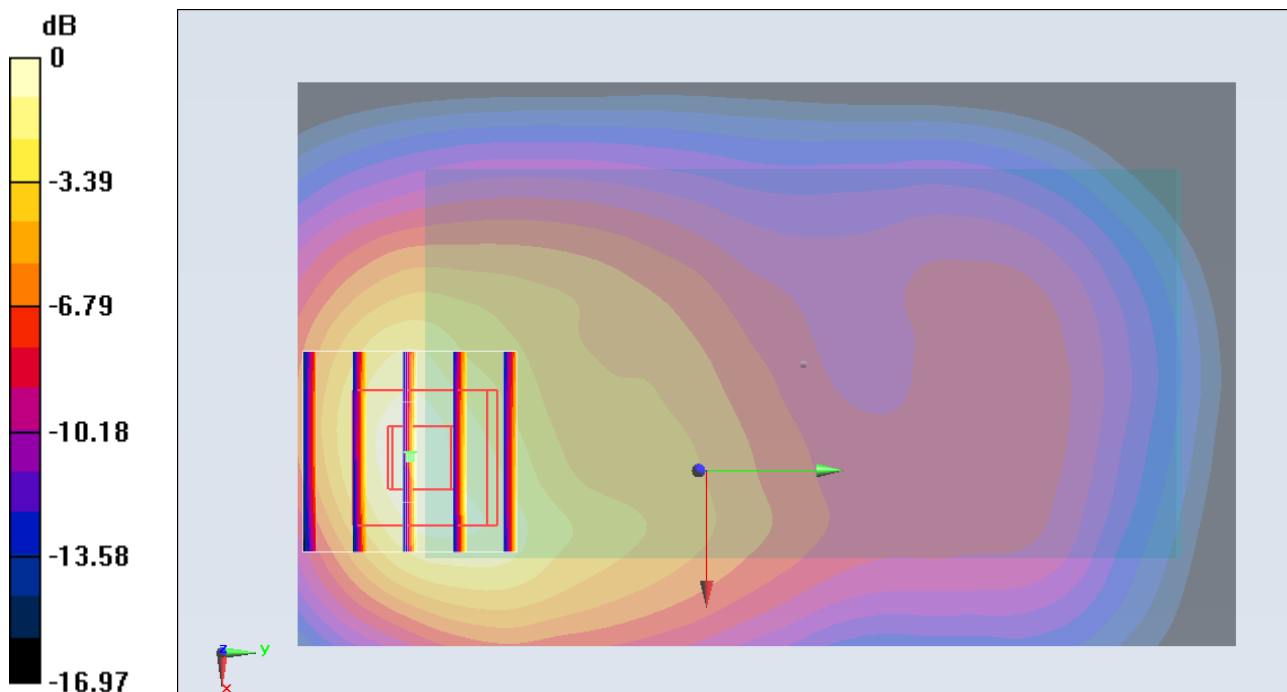
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.544 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.8750

**SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.621 mW/g**

Maximum value of SAR (measured) = 1.260 mW/g



0 dB = 1.260mW/g = 2.01 dB mW/g

### 13 GSM1900\_GPRS10\_Back\_1cm\_Ch512\_Earphone

**DUT: 220812**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_120309 Medium parameters used :  $f = 1850.2$  MHz;  $\sigma = 1.458$  mho/m;  $\epsilon_r =$

$53.273$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Ch512/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.207 mW/g

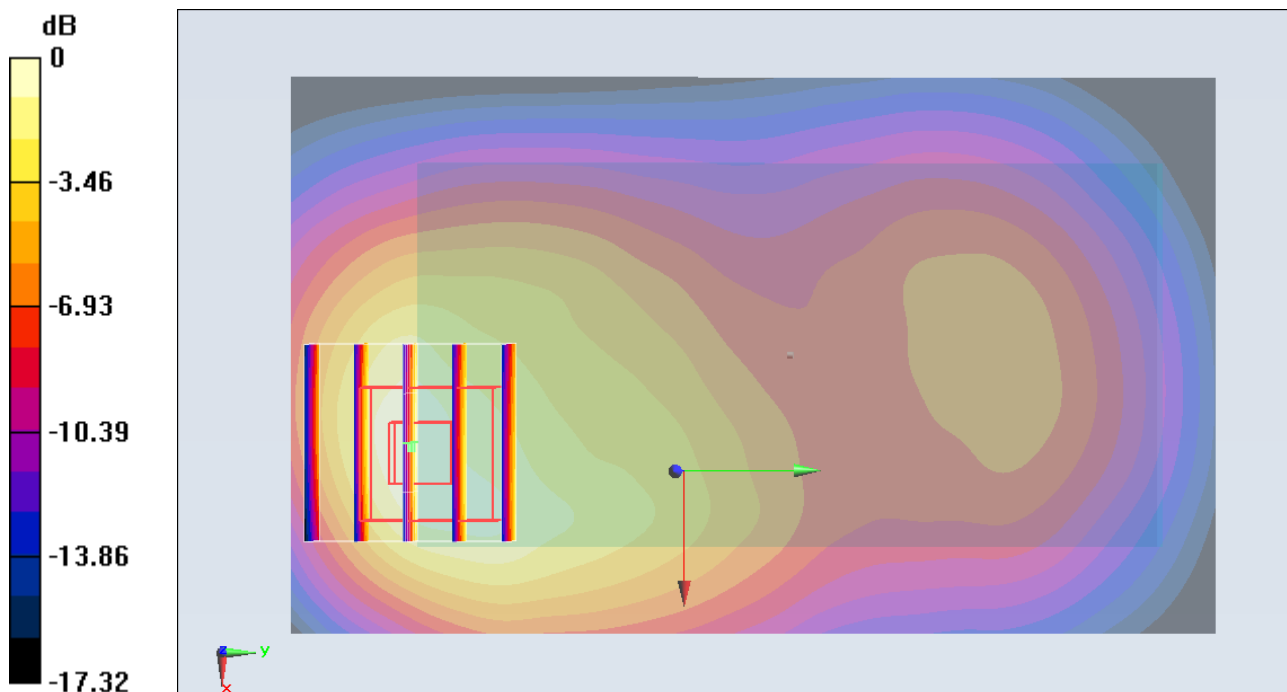
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.519 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.7280

**SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.610 mW/g**

Maximum value of SAR (measured) = 1.211 mW/g



0 dB = 1.210mW/g = 1.66 dB mW/g

### 14 GSM1900\_GPRS10\_Back\_1cm\_Ch661\_Earphone

**DUT: 220812**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_120309 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.493$  mho/m;  $\epsilon_r =$

$53.147$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Ch661/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.178 mW/g

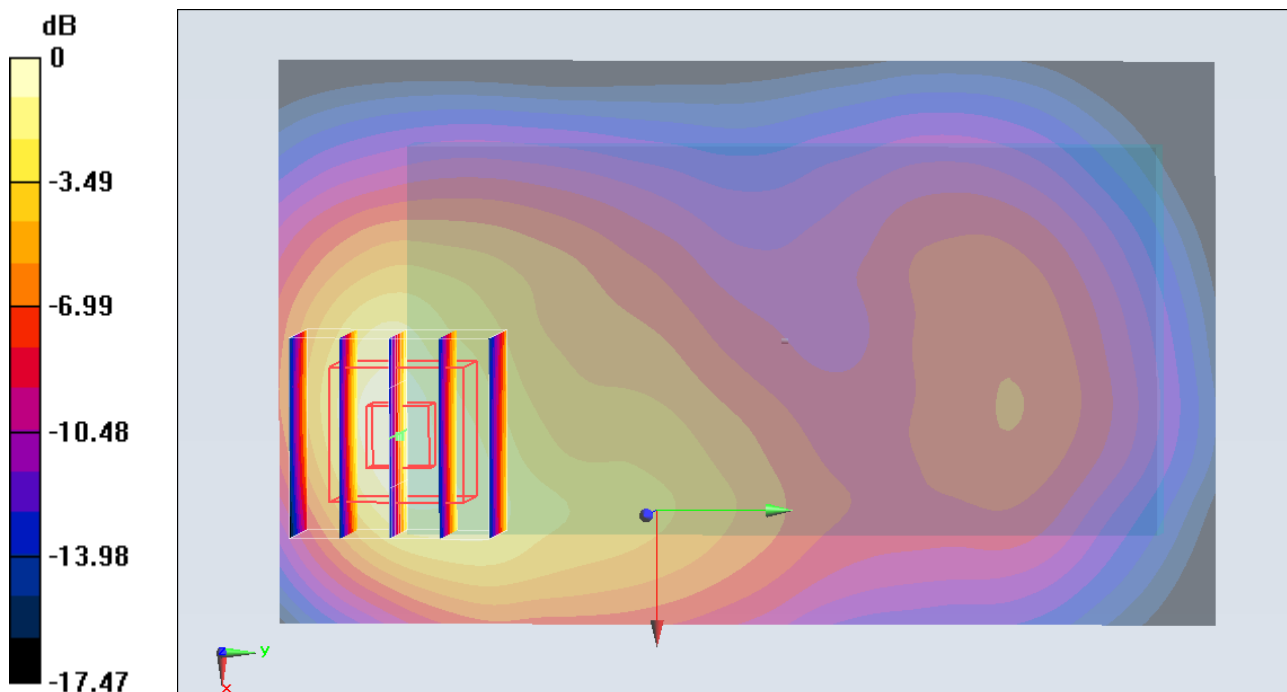
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.455 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.7610

**SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.573 mW/g**

Maximum value of SAR (measured) = 1.189 mW/g



0 dB = 1.190mW/g = 1.51 dB mW/g

### 15 GSM1900\_GPRS10\_Back\_1cm\_Ch810\_Earphone

**DUT: 220812**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: MSL\_1900\_120309 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.528$  mho/m;  $\epsilon_r =$

$53.139$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (0); SEMCAD X Version 14.6.4 (4989)

**Ch810/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.250 mW/g

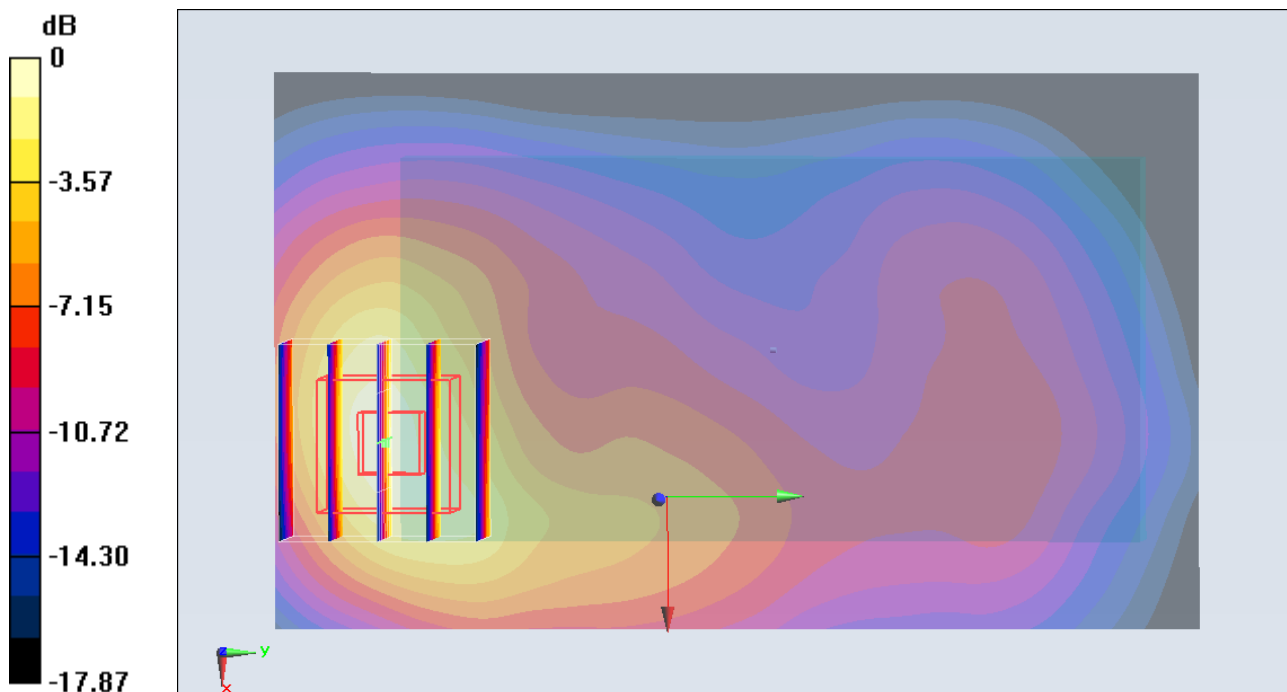
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.819 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.0700

**SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.594 mW/g**

Maximum value of SAR (measured) = 1.305 mW/g



0 dB = 1.300mW/g = 2.28 dB mW/g

## 20 802.11b\_Front\_1cm\_Ch11

### DUT: 220812

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_120322 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.99$  mho/m;  $\epsilon_r = 52.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

#### DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(3.96, 3.96, 3.96); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch11/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

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

**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.73 V/m; Power Drift = -0.149 dB

Peak SAR (extrapolated) = 0.194 W/kg

**SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.042 mW/g**

Maximum value of SAR (measured) = 0.087 mW/g

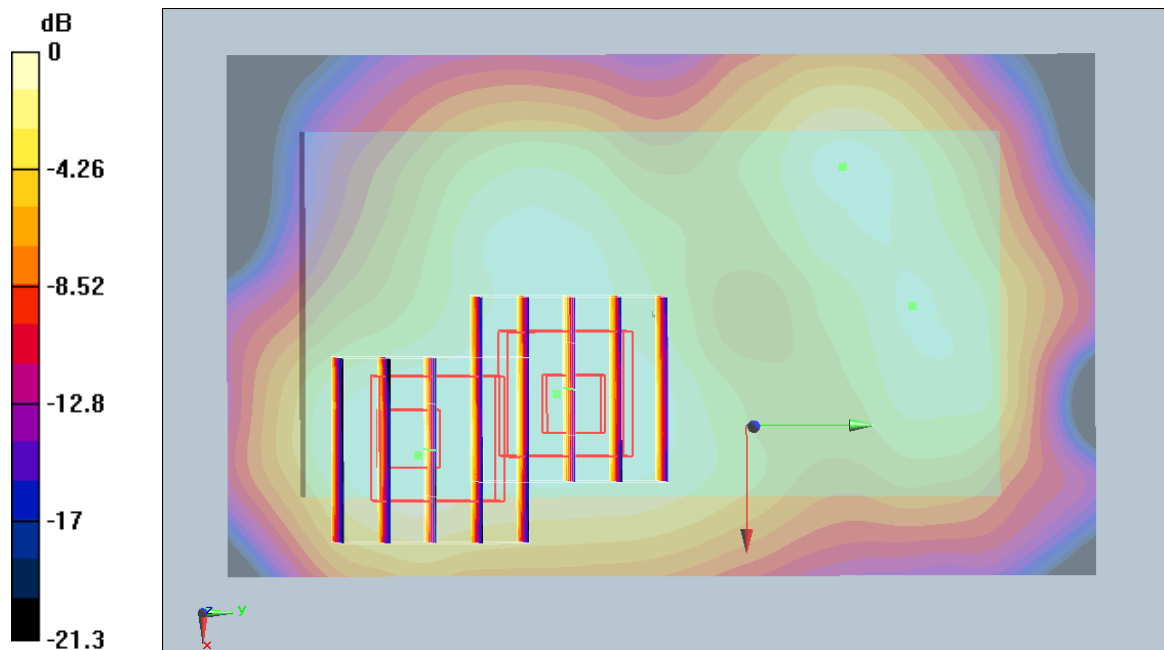
**Ch11/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.73 V/m; Power Drift = -0.149 dB

Peak SAR (extrapolated) = 0.163 W/kg

**SAR(1 g) = 0.076 mW/g; SAR(10 g) = 0.043 mW/g**

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



0 dB = 0.078mW/g

## 21 802.11b\_Back\_1cm\_Ch11

### DUT: 220812

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_120322 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.99$  mho/m;  $\epsilon_r = 52.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

#### DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(3.96, 3.96, 3.96); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch11/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.218 mW/g

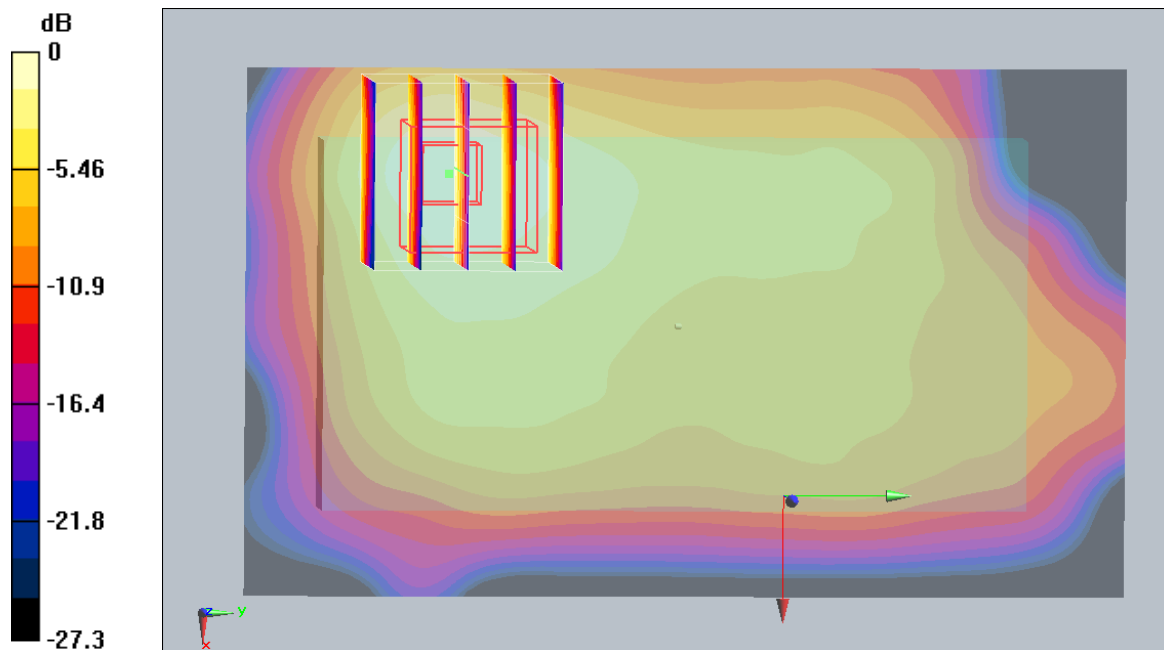
**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.12 V/m; Power Drift = 0.143 dB

Peak SAR (extrapolated) = 0.498 W/kg

**SAR(1 g) = 0.192 mW/g; SAR(10 g) = 0.094 mW/g**

Maximum value of SAR (measured) = 0.201 mW/g



0 dB = 0.201mW/g

## 21 802.11b\_Back\_1cm\_Ch11\_2D

### DUT: 220812

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_120322 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.99$  mho/m;  $\epsilon_r = 52.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

#### DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(3.96, 3.96, 3.96); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch11/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.218 mW/g

**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

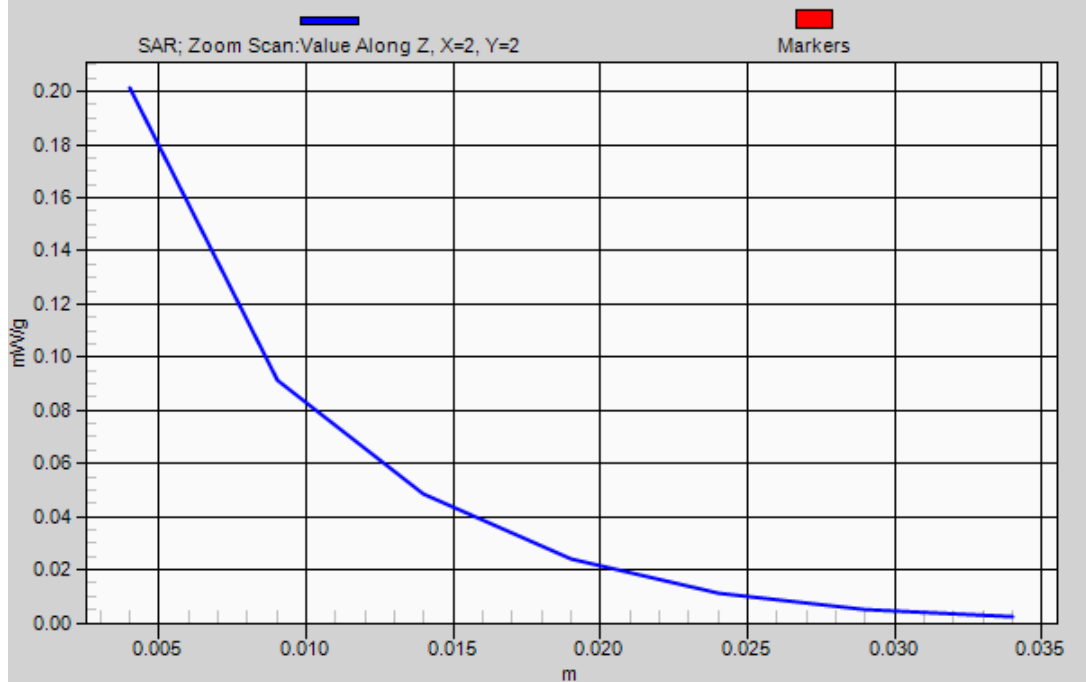
Reference Value = 5.12 V/m; Power Drift = 0.143 dB

Peak SAR (extrapolated) = 0.498 W/kg

**SAR(1 g) = 0.192 mW/g; SAR(10 g) = 0.094 mW/g**

Maximum value of SAR (measured) = 0.201 mW/g

# 1g/10g Averaged SAR



## 23 802.11b\_Right Side\_1cm\_Ch11

### DUT: 220812

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_120322 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.99$  mho/m;  $\epsilon_r = 52.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

#### DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(3.96, 3.96, 3.96); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch11/Area Scan (41x101x1):** Measurement grid: dx=15mm, dy=15mm

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

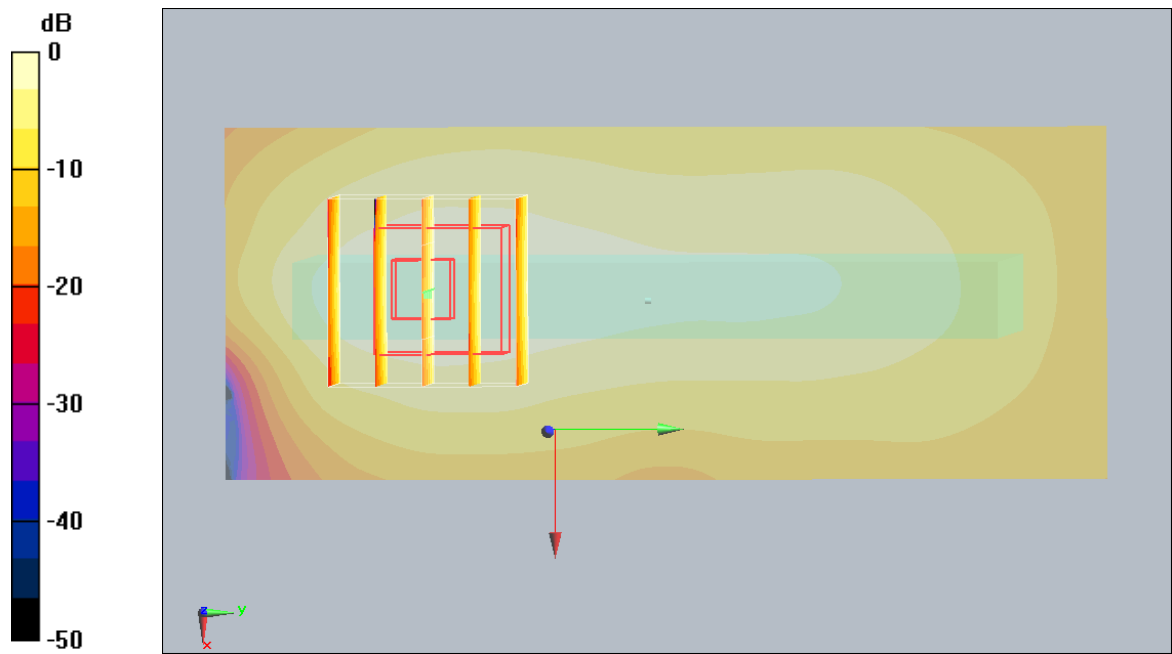
**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.51 V/m; Power Drift = 0.029 dB

Peak SAR (extrapolated) = 0.333 W/kg

**SAR(1 g) = 0.133 mW/g; SAR(10 g) = 0.066 mW/g**

Maximum value of SAR (measured) = 0.141 mW/g



0 dB = 0.141mW/g

## 25 802.11b\_Bottom Side\_1cm\_Ch11

### DUT: 220812

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_120322 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.99$  mho/m;  $\epsilon_r = 52.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

#### DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(3.96, 3.96, 3.96); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch11/Area Scan (31x51x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.035 mW/g

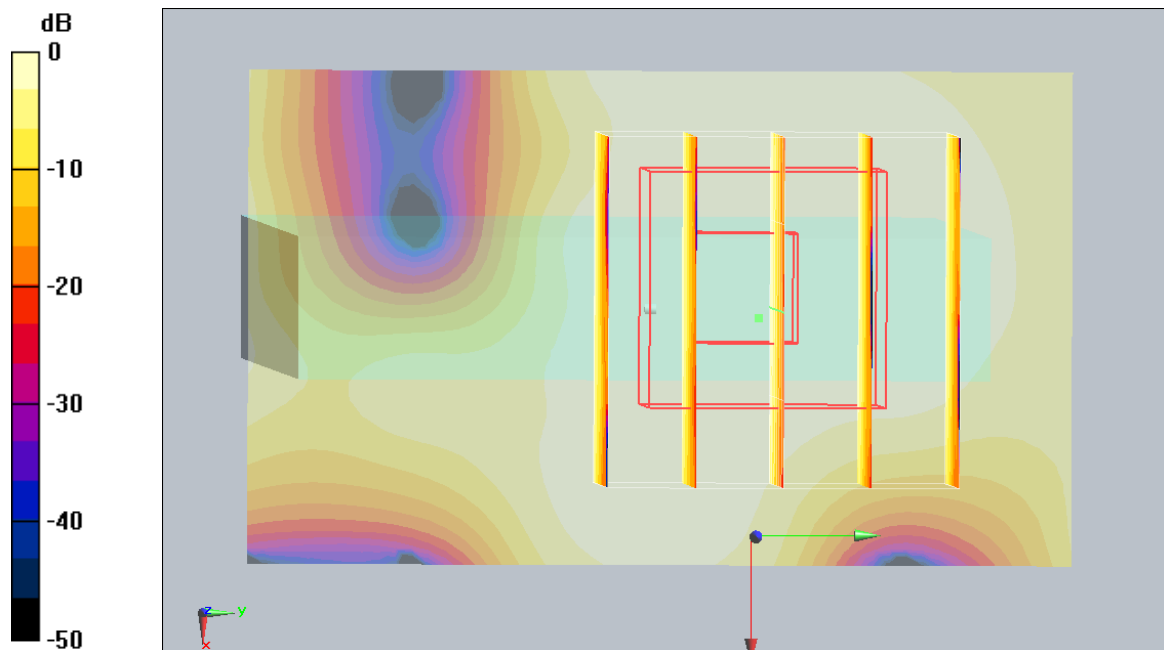
**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.46 V/m; Power Drift = 0.175 dB

Peak SAR (extrapolated) = 0.046 W/kg

**SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.012 mW/g**

Maximum value of SAR (measured) = 0.026 mW/g



0 dB = 0.026mW/g

## 20 802.11b\_Front\_1cm\_Ch11

### DUT: 220812

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_120322 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.99$  mho/m;  $\epsilon_r = 52.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

#### DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(3.96, 3.96, 3.96); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch11/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

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

**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.73 V/m; Power Drift = -0.149 dB

Peak SAR (extrapolated) = 0.194 W/kg

**SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.042 mW/g**

Maximum value of SAR (measured) = 0.087 mW/g

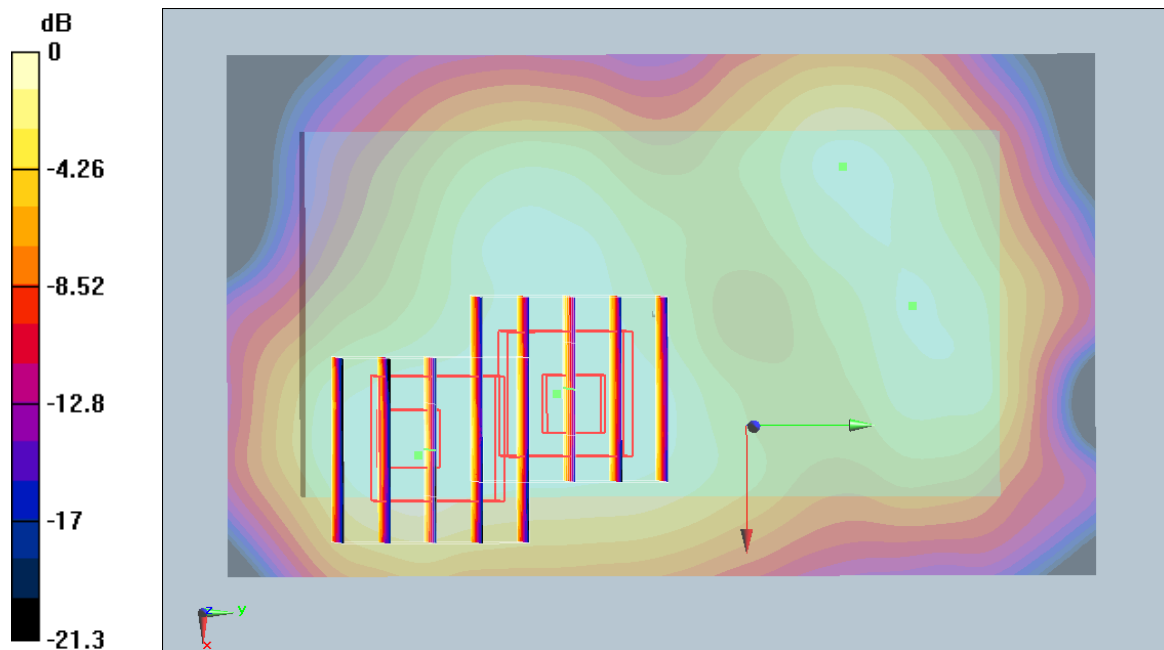
**Ch11/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.73 V/m; Power Drift = -0.149 dB

Peak SAR (extrapolated) = 0.163 W/kg

**SAR(1 g) = 0.076 mW/g; SAR(10 g) = 0.043 mW/g**

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



0 dB = 0.078mW/g

## 21 802.11b\_Back\_1cm\_Ch11

### DUT: 220812

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_120322 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.99$  mho/m;  $\epsilon_r = 52.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

#### DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(3.96, 3.96, 3.96); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch11/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.218 mW/g

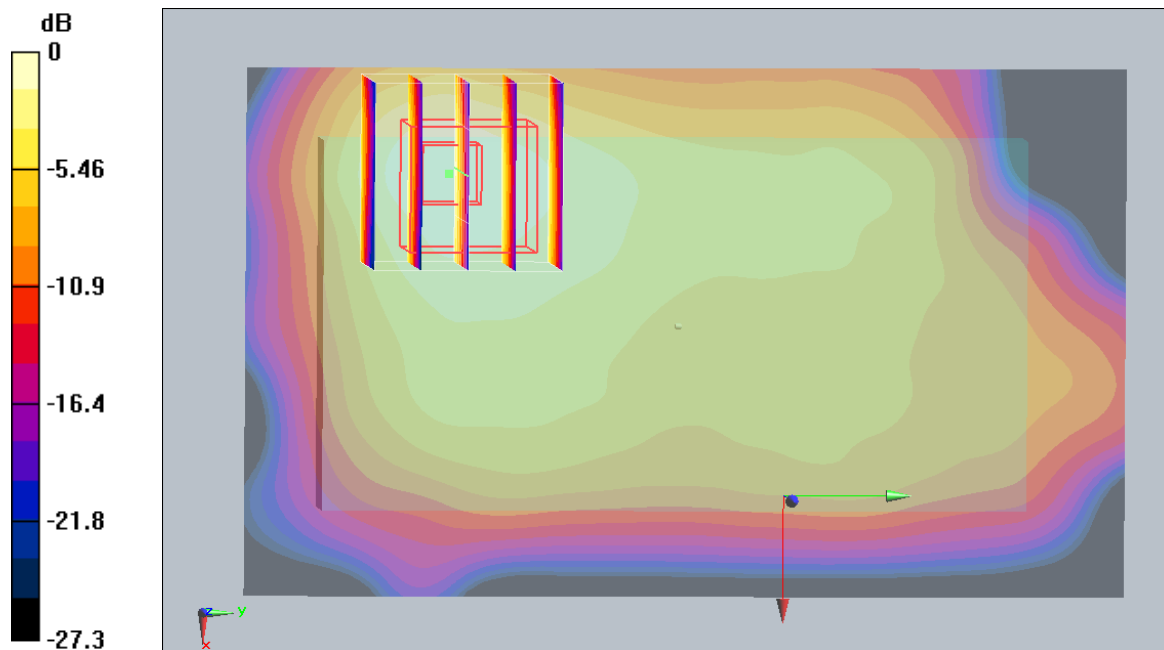
**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.12 V/m; Power Drift = 0.143 dB

Peak SAR (extrapolated) = 0.498 W/kg

**SAR(1 g) = 0.192 mW/g; SAR(10 g) = 0.094 mW/g**

Maximum value of SAR (measured) = 0.201 mW/g



0 dB = 0.201mW/g

## 26 802.11b\_Back\_1cm\_Ch11\_Earphone

### DUT: 220812

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_120322 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.99$  mho/m;  $\epsilon_r = 52.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

#### DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(3.96, 3.96, 3.96); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch11/Area Scan (61x101x1):** Measurement grid: dx=15mm, dy=15mm

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

**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.73 V/m; Power Drift = 0.170 dB

Peak SAR (extrapolated) = 0.367 W/kg

**SAR(1 g) = 0.137 mW/g; SAR(10 g) = 0.066 mW/g**

Maximum value of SAR (measured) = 0.144 mW/g

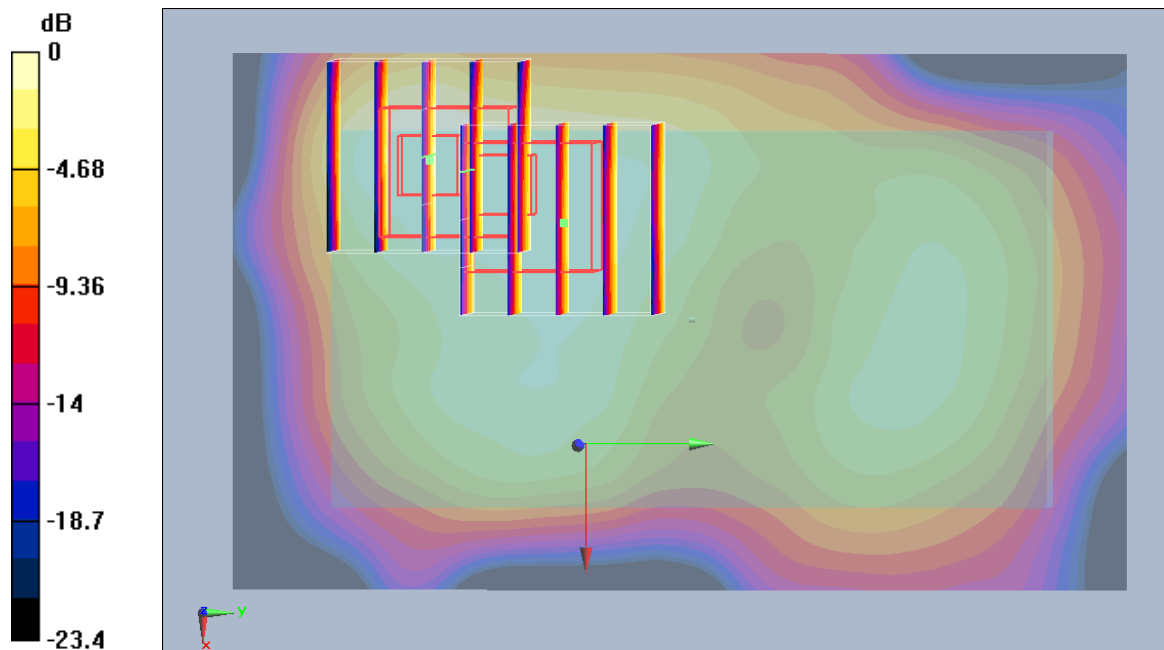
**Ch11/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.73 V/m; Power Drift = 0.170 dB

Peak SAR (extrapolated) = 0.284 W/kg

**SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.061 mW/g**

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



0 dB = 0.127mW/g