

## #01 GSM850\_GPRS12\_Right Cheek\_Ch128

**DUT: 280818-01**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: HSL\_850\_120819 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.911$  mho/m;  $\epsilon_r = 41.328$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch128/Area Scan (51x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.208 W/kg

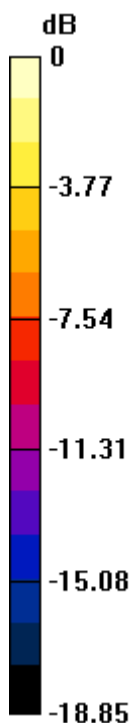
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.247 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.216 mW/g

**SAR(1 g) = 0.177 mW/g; SAR(10 g) = 0.140 mW/g**

Maximum value of SAR (measured) = 0.183 W/kg



0 dB = 0.183 W/kg = -14.75 dB W/kg

## #02 GSM850\_GPRS12\_Right Tilted\_Ch128

**DUT: 280818-01**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: HSL\_850\_120819 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.911$  mho/m;  $\epsilon_r = 41.328$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch128/Area Scan (51x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.122 W/kg

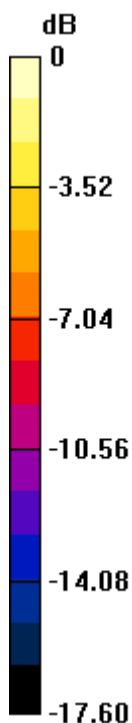
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.486 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.144 mW/g

**SAR(1 g) = 0.118 mW/g; SAR(10 g) = 0.093 mW/g**

Maximum value of SAR (measured) = 0.123 W/kg



0 dB = 0.123 W/kg = -18.20 dB W/kg

### #03 GSM850\_GPRS12\_Left Cheek\_Ch128

**DUT: 280818-01**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: HSL\_850\_120819 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.911$  mho/m;  $\epsilon_r = 41.328$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch128/Area Scan (51x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.226 W/kg

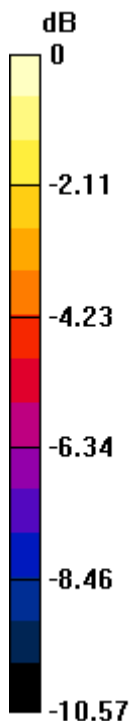
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.482 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.270 mW/g

**SAR(1 g) = 0.213 mW/g; SAR(10 g) = 0.159 mW/g**

Maximum value of SAR (measured) = 0.229 W/kg



0 dB = 0.229 W/kg = -12.80 dB W/kg

### #03 GSM850\_GPRS12\_Left Cheek\_Ch128\_2D

**DUT: 280818-01**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: HSL\_850\_120819 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.911$  mho/m;  $\epsilon_r = 41.328$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch128/Area Scan (51x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.226 W/kg

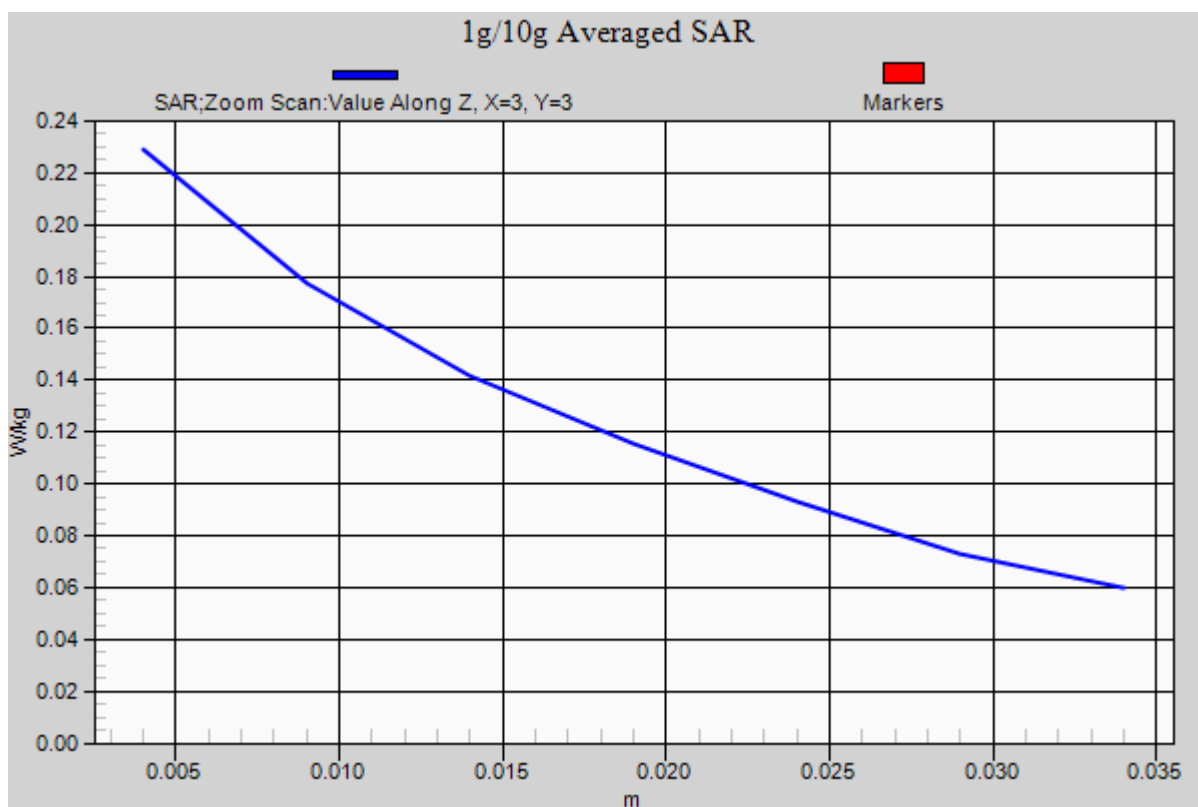
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.482 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.270 mW/g

**SAR(1 g) = 0.213 mW/g; SAR(10 g) = 0.159 mW/g**

Maximum value of SAR (measured) = 0.229 W/kg



## #04 GSM850\_GPRS12\_Left Tilted\_Ch128

**DUT: 280818-01**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: HSL\_850\_120819 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.911$  mho/m;  $\epsilon_r = 41.328$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch128/Area Scan (51x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.136 W/kg

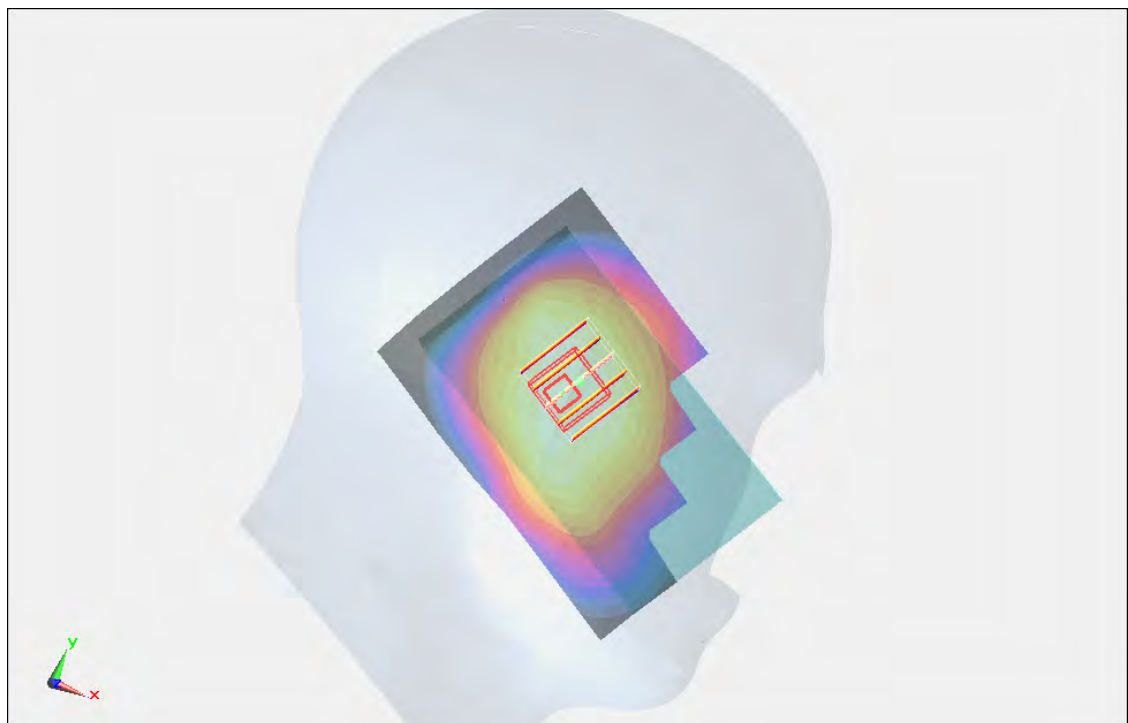
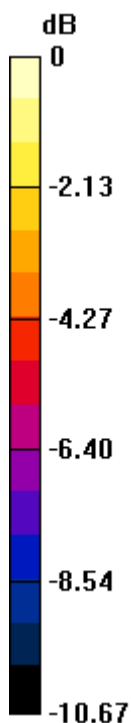
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.368 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.160 mW/g

**SAR(1 g) = 0.131 mW/g; SAR(10 g) = 0.102 mW/g**

Maximum value of SAR (measured) = 0.136 W/kg



0 dB = 0.136 W/kg = -17.33 dB W/kg

## #63 GSM850\_GPRS12\_Left Cheek\_Ch128\_Sample2\_Battery2

**DUT: 280818-01**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: HSL\_850\_120824 Medium parameters used :  $f = 824.2 \text{ MHz}$ ;  $\sigma = 0.883 \text{ mho/m}$ ;  $\epsilon_r = 41.775$ ;  $\rho$

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

Ambient Temperature :  $22.6 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $21.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(5.8, 5.8, 5.8); Calibrated: 2012/1/26;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch128/Area Scan (51x81x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) =  $0.259 \text{ mW/g}$

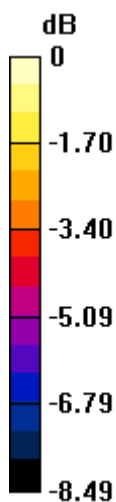
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $5.205 \text{ V/m}$ ; Power Drift =  $-0.065 \text{ dB}$

Peak SAR (extrapolated) =  $0.292 \text{ mW/g}$

**SAR(1 g) =  $0.209 \text{ mW/g}$ ; SAR(10 g) =  $0.155 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.265 \text{ mW/g}$



$0 \text{ dB} = 0.265 \text{ mW/g} = -11.54 \text{ dB mW/g}$

### #09 GSM1900\_GPRS12\_Right Cheek\_Ch810

**DUT: 280818-01**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:2

Medium: HSL\_1900\_120819 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.436$  mho/m;  $\epsilon_r = 39.792$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch810/Area Scan (51x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.537 W/kg

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

Reference Value = 9.397 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.613 mW/g

**SAR(1 g) = 0.398 mW/g; SAR(10 g) = 0.248 mW/g**

Maximum value of SAR (measured) = 0.425 W/kg

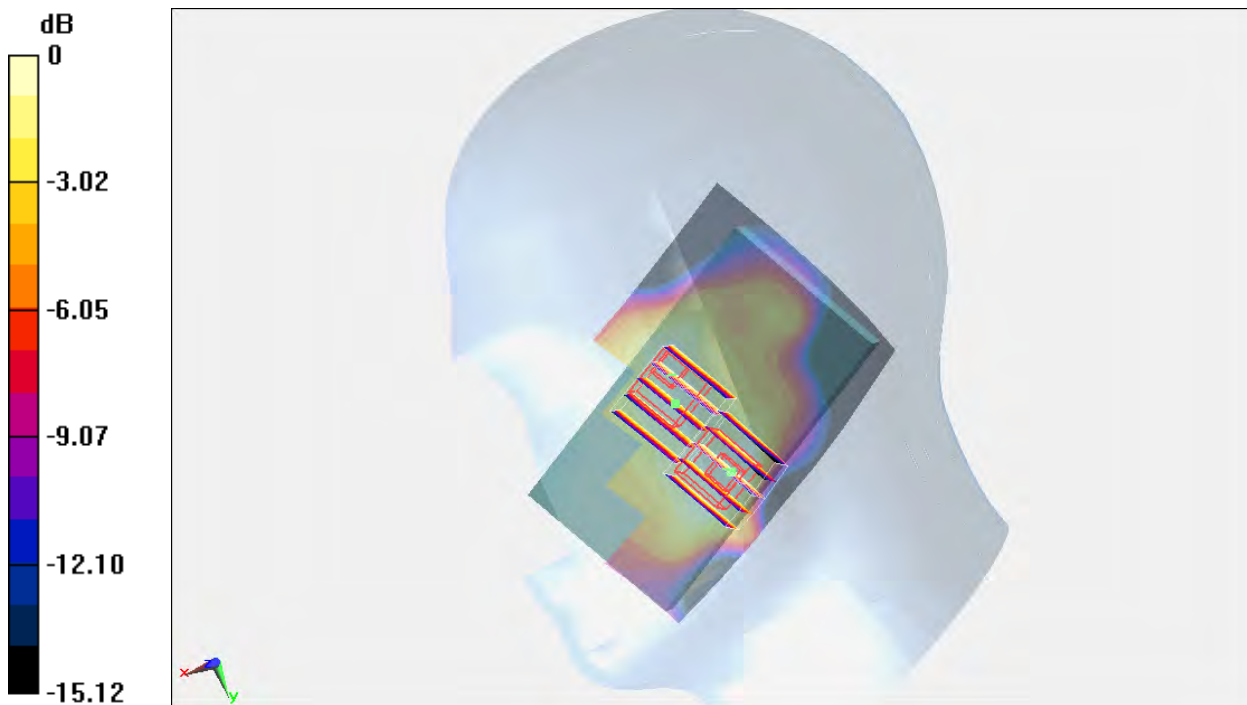
**Ch810/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.397 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.567 mW/g

**SAR(1 g) = 0.358 mW/g; SAR(10 g) = 0.215 mW/g**

Maximum value of SAR (measured) = 0.381 W/kg



0 dB = 0.381 W/kg = -8.38 dB W/kg

## #10 GSM1900\_GPRS12\_Right Tilted\_Ch810

**DUT: 280818-01**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:2

Medium: HSL\_1900\_120819 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.436$  mho/m;  $\epsilon_r = 39.792$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch810/Area Scan (51x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.334 W/kg

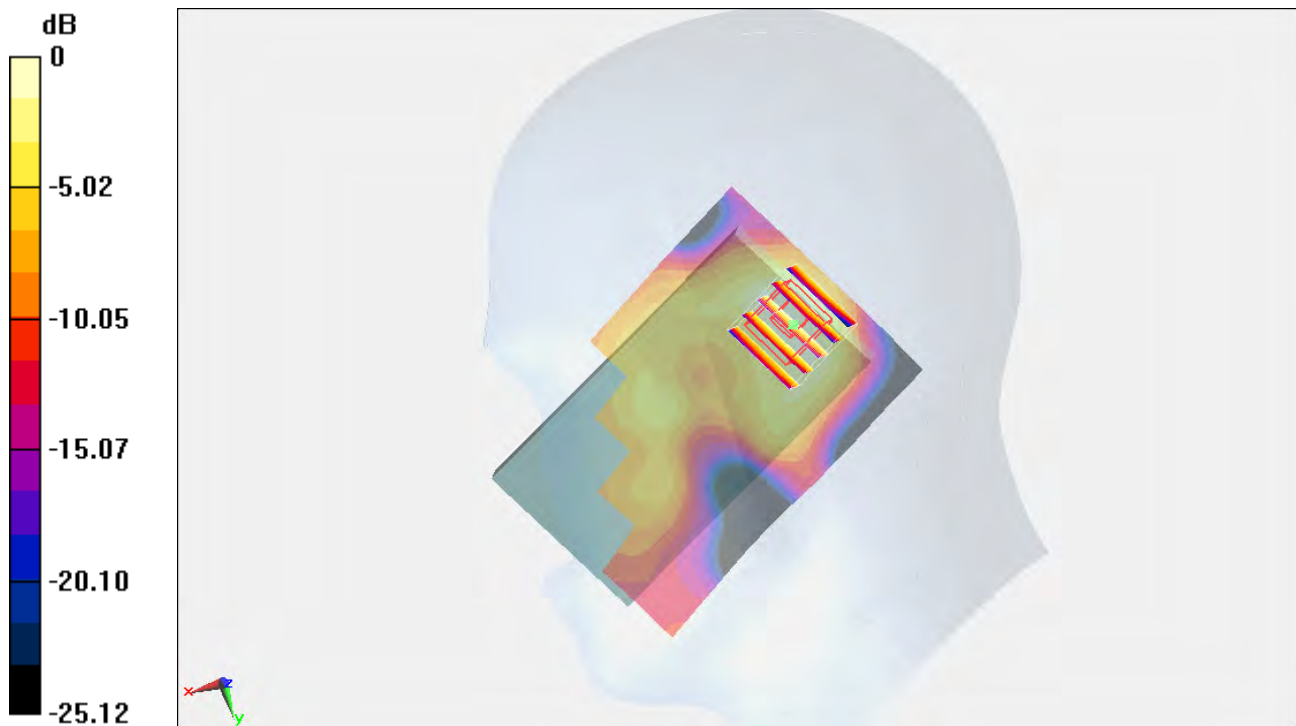
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.456 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.533 mW/g

**SAR(1 g) = 0.306 mW/g; SAR(10 g) = 0.169 mW/g**

Maximum value of SAR (measured) = 0.333 W/kg



0 dB = 0.333 W/kg = -9.55 dB W/kg



## #11 GSM1900\_GPRS12\_Left Cheek\_Ch810

**DUT: 280818-01**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:2

Medium: HSL\_1900\_120819 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.436$  mho/m;  $\epsilon_r = 39.792$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch810/Area Scan (51x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.745 W/kg

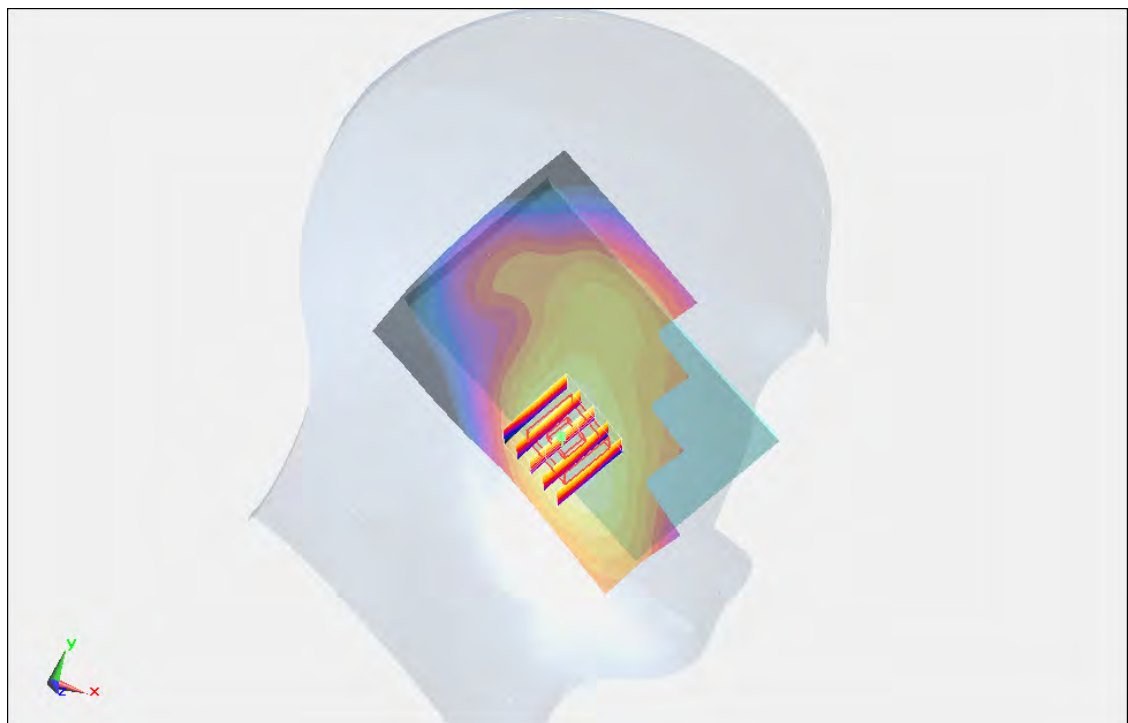
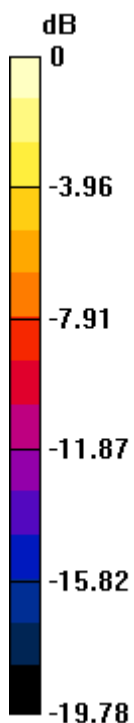
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.279 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.076 mW/g

**SAR(1 g) = 0.669 mW/g; SAR(10 g) = 0.400 mW/g**

Maximum value of SAR (measured) = 0.725 W/kg



0 dB = 0.725 W/kg = -2.79 dB W/kg

## #11 GSM1900\_GPRS12\_Left Cheek\_Ch810\_2D

**DUT: 280818-01**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:2

Medium: HSL\_1900\_120819 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.436$  mho/m;  $\epsilon_r = 39.792$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch810/Area Scan (51x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.745 W/kg

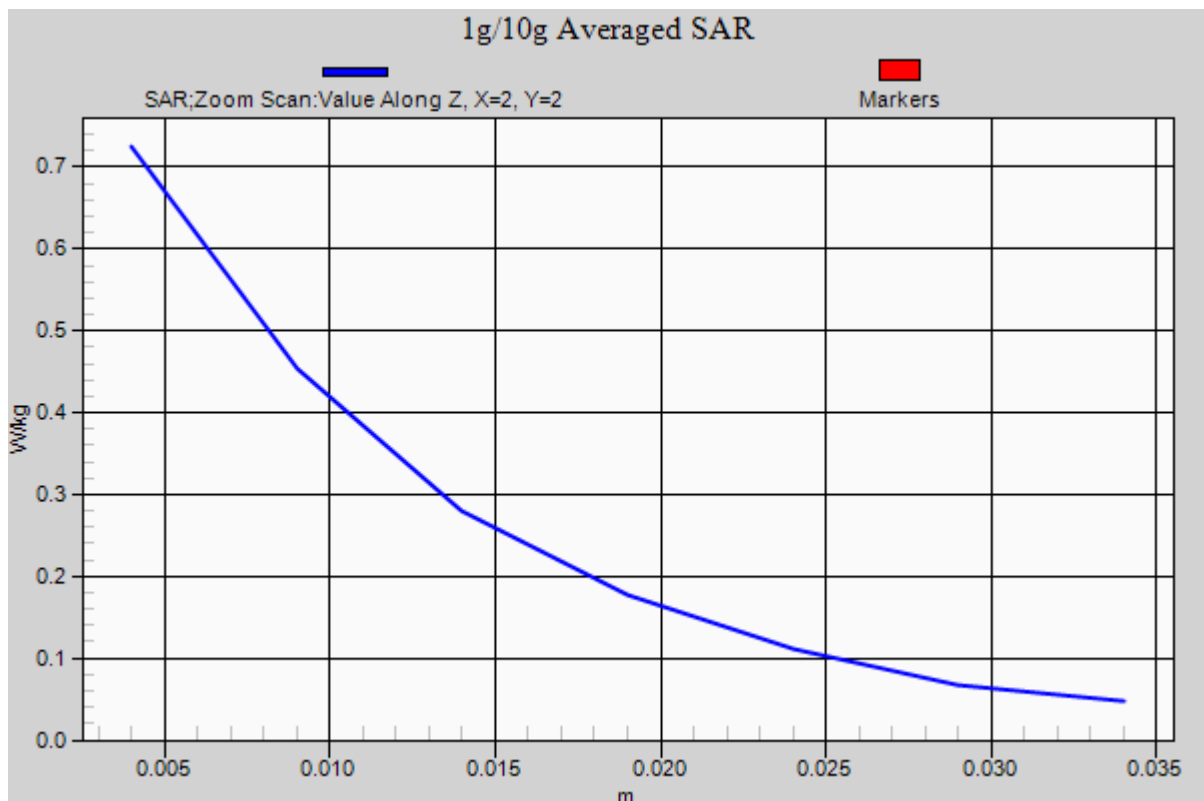
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.279 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.076 mW/g

**SAR(1 g) = 0.669 mW/g; SAR(10 g) = 0.400 mW/g**

Maximum value of SAR (measured) = 0.725 W/kg



## #12 GSM1900\_GPRS12\_Left Tilted\_Ch810

**DUT: 280818-01**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:2

Medium: HSL\_1900\_120819 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.436$  mho/m;  $\epsilon_r = 39.792$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch810/Area Scan (51x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.366 W/kg

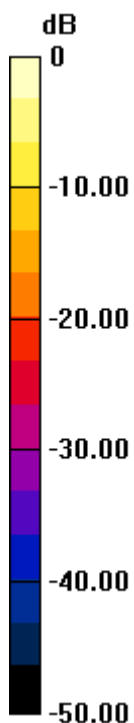
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.719 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.498 mW/g

**SAR(1 g) = 0.300 mW/g; SAR(10 g) = 0.171 mW/g**

Maximum value of SAR (measured) = 0.313 W/kg



0 dB = 0.313 W/kg = -10.09 dB W/kg

## #64 GSM1900\_GPRS12\_Left Cheek\_Ch810\_Sample2\_Battery2

**DUT: 280818-01**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:2

Medium: HSL\_1900\_120824 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.449$  mho/m;  $\epsilon_r = 38.099$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.68, 4.68, 4.68); Calibrated: 2012/1/26;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch810/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.531 mW/g

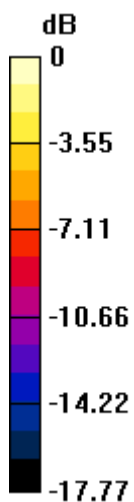
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.768 V/m; Power Drift = -0.091 dB

Peak SAR (extrapolated) = 0.663 mW/g

**SAR(1 g) = 0.467 mW/g; SAR(10 g) = 0.299 mW/g**

Maximum value of SAR (measured) = 0.502 mW/g



0 dB = 0.502 mW/g = -5.99 dB mW/g

## #05 WCDMA V\_RMC12.2K\_Right Cheek\_Ch4132

**DUT: 280818-01**

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

Medium: HSL\_850\_120819 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.913$  mho/m;  $\epsilon_r = 41.313$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch4132/Area Scan (51x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.141 W/kg

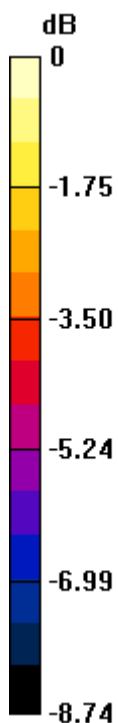
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.032 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.150 mW/g

**SAR(1 g) = 0.123 mW/g; SAR(10 g) = 0.096 mW/g**

Maximum value of SAR (measured) = 0.129 W/kg



0 dB = 0.129 W/kg = -17.79 dB W/kg

### #06 WCDMA V\_RMC12.2K\_Right Tilted\_Ch4132

**DUT: 280818-01**

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

Medium: HSL\_850\_120819 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.913$  mho/m;  $\epsilon_r = 41.313$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch4132/Area Scan (51x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.0986 W/kg

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

Reference Value = 5.757 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.111 mW/g

**SAR(1 g) = 0.088 mW/g; SAR(10 g) = 0.068 mW/g**

Maximum value of SAR (measured) = 0.0933 W/kg

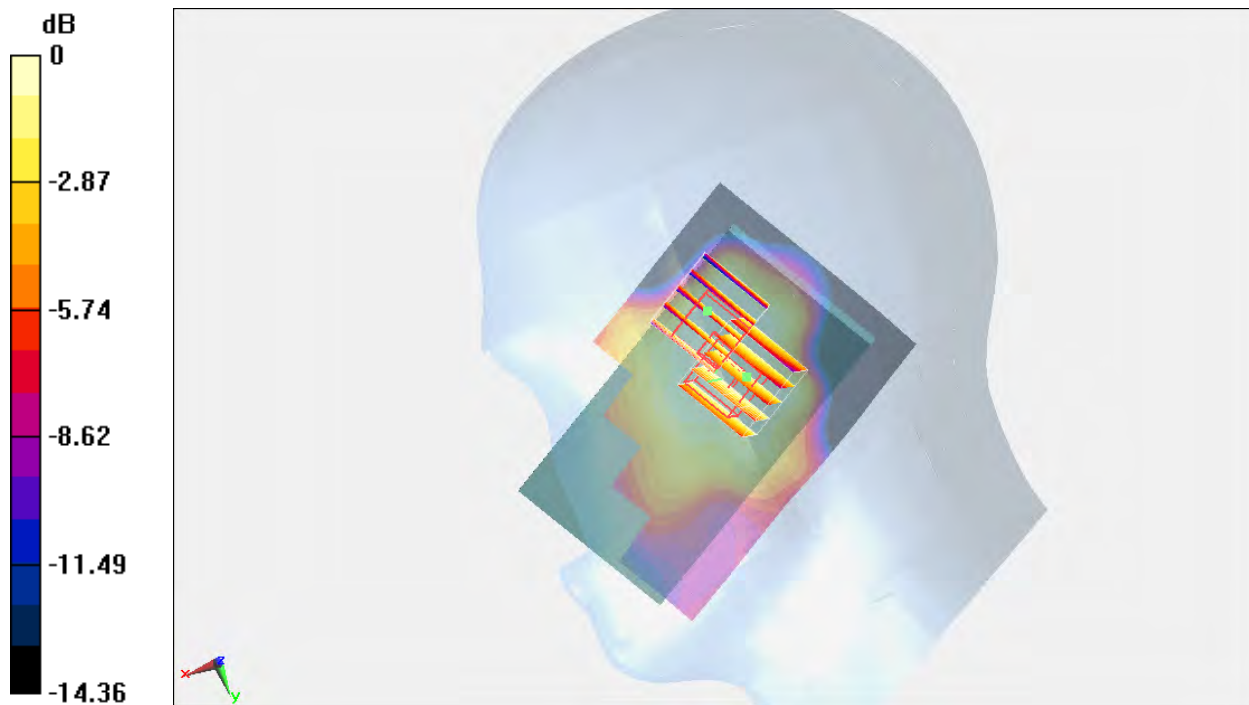
**Ch4132/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.757 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.107 mW/g

**SAR(1 g) = 0.084 mW/g; SAR(10 g) = 0.056 mW/g**

Maximum value of SAR (measured) = 0.0889 W/kg



0 dB = 0.0889 W/kg = -21.02 dB W/kg

## #07 WCDMA V\_RMC12.2K\_Left Cheek\_Ch4132

**DUT: 280818-01**

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

Medium: HSL\_850\_120819 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.913$  mho/m;  $\epsilon_r = 41.313$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch4132/Area Scan (51x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.153 W/kg

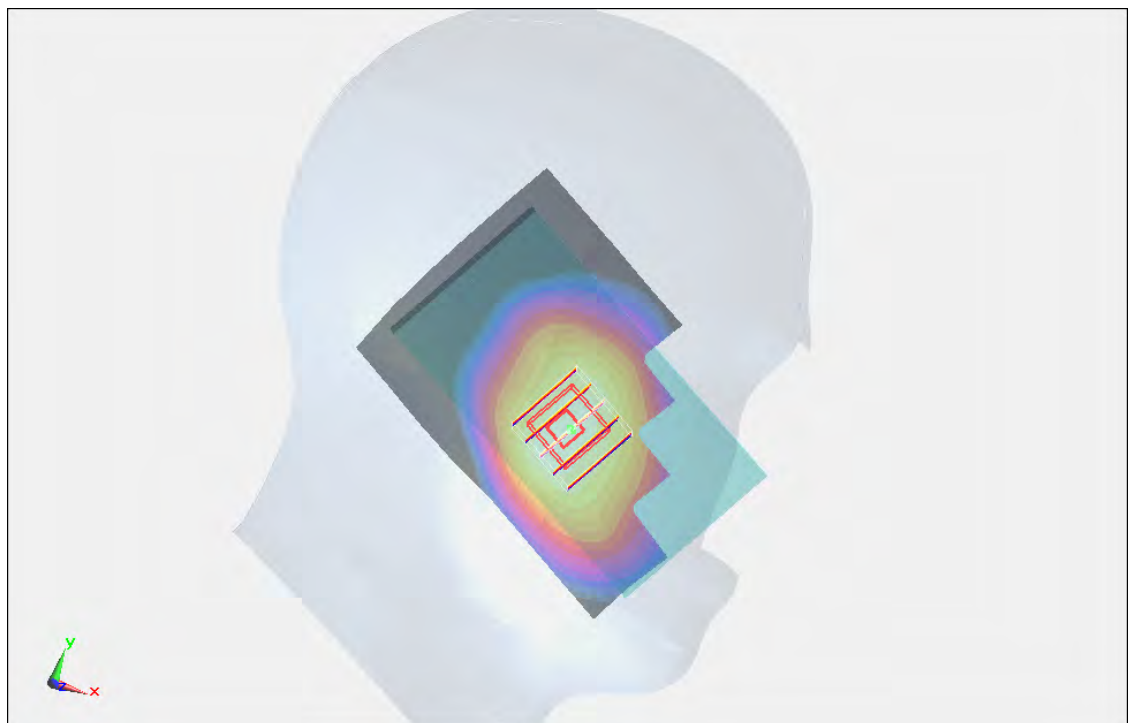
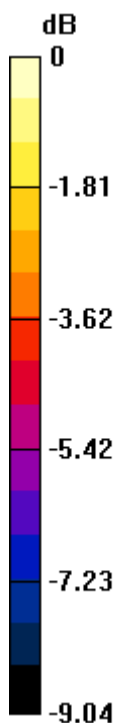
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.590 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.187 mW/g

**SAR(1 g) = 0.150 mW/g; SAR(10 g) = 0.116 mW/g**

Maximum value of SAR (measured) = 0.158 W/kg



0 dB = 0.158 W/kg = -16.03 dB W/kg

### #07 WCDMA V\_RMC12.2K\_Left Cheek\_Ch4132\_2D

**DUT: 280818-01**

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

Medium: HSL\_850\_120819 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.913$  mho/m;  $\epsilon_r = 41.313$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch4132/Area Scan (51x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.153 W/kg

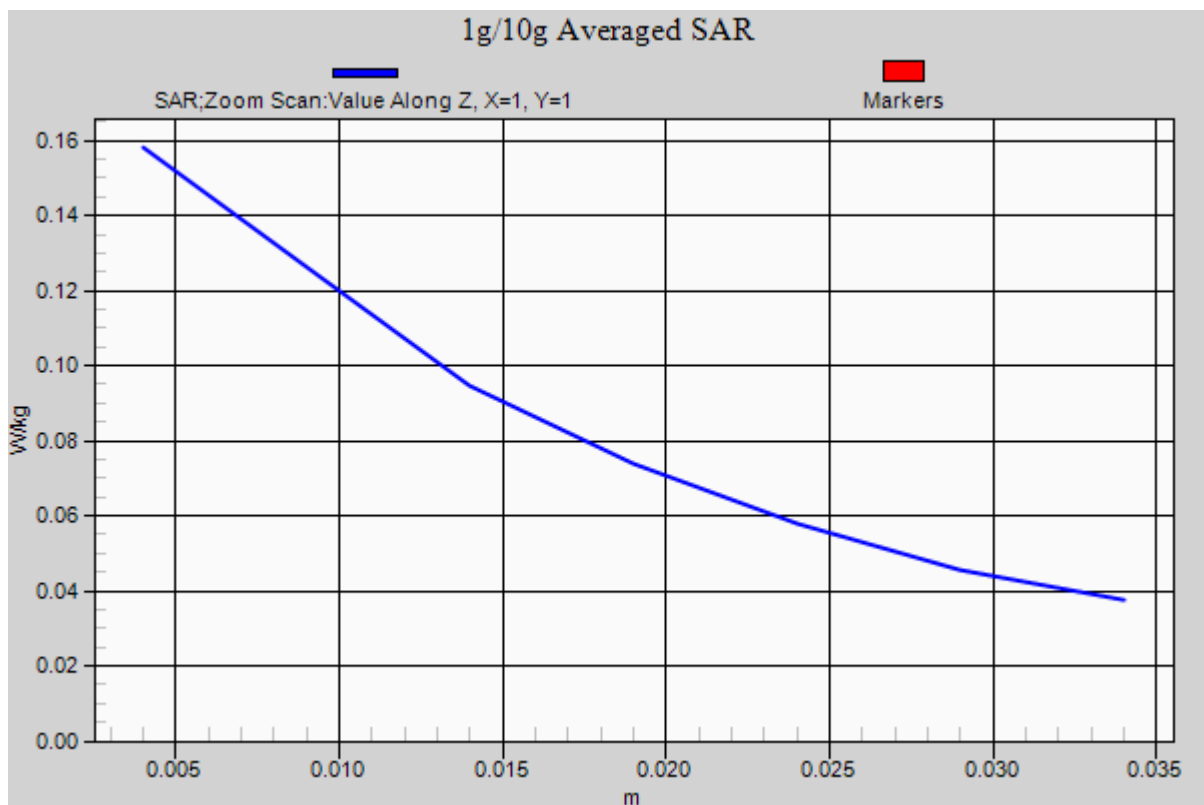
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.590 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.187 mW/g

**SAR(1 g) = 0.150 mW/g; SAR(10 g) = 0.116 mW/g**

Maximum value of SAR (measured) = 0.158 W/kg





## #08 WCDMA V\_RMC12.2K\_Left Tilted\_Ch4132

**DUT: 280818-01**

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

Medium: HSL\_850\_120819 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.913$  mho/m;  $\epsilon_r = 41.313$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(9.4, 9.4, 9.4); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch4132/Area Scan (51x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.0960 W/kg

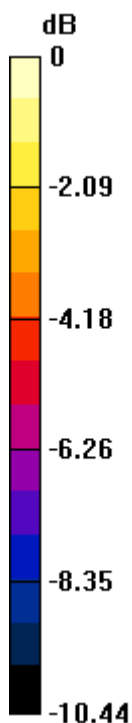
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.357 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.113 mW/g

**SAR(1 g) = 0.092 mW/g; SAR(10 g) = 0.072 mW/g**

Maximum value of SAR (measured) = 0.0961 W/kg



0 dB = 0.0961 W/kg = -20.35 dB W/kg

## #65 WCDMA V\_RMC12.2K\_Left Cheek\_Ch4132\_Sample2\_Battery2

**DUT: 280818-01**

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

Medium: HSL\_850\_120824 Medium parameters used :  $f = 826.4$  MHz;  $\sigma = 0.885$  mho/m;  $\epsilon_r = 41.755$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(5.8, 5.8, 5.8); Calibrated: 2012/1/26;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch4132/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

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

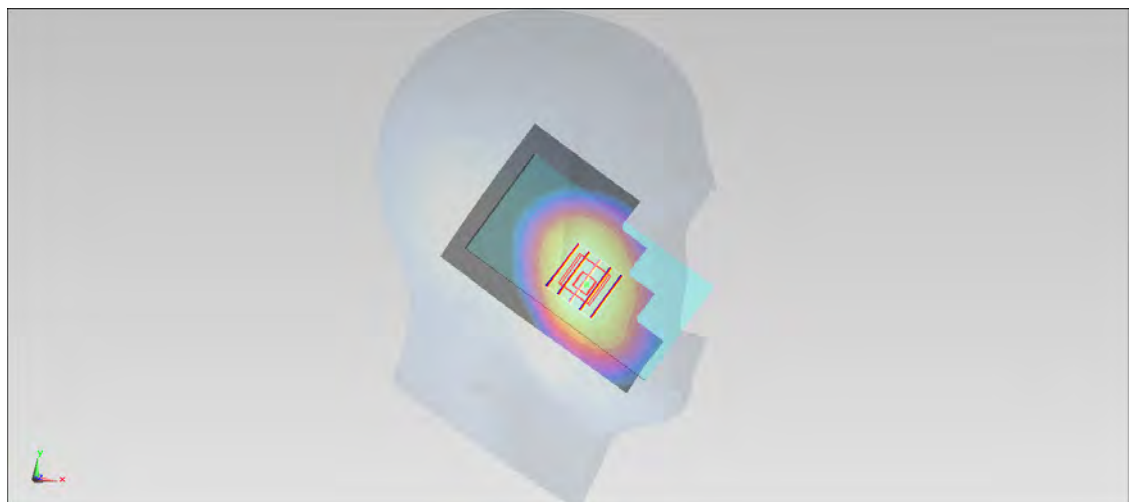
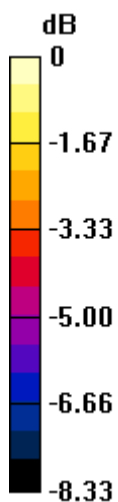
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.921 V/m; Power Drift = -0.042 dB

Peak SAR (extrapolated) = 0.227 mW/g

**SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.102 mW/g**

Maximum value of SAR (measured) = 0.202 mW/g



0 dB = 0.202 mW/g = -13.89 dB mW/g

### #13 WCDMA II\_RMC12.2K\_Right Cheek\_Ch9262

**DUT: 280818-01**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1  
Medium: HSL\_1900\_120819 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.389$  mho/m;  $\epsilon_r = 40.013$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °C

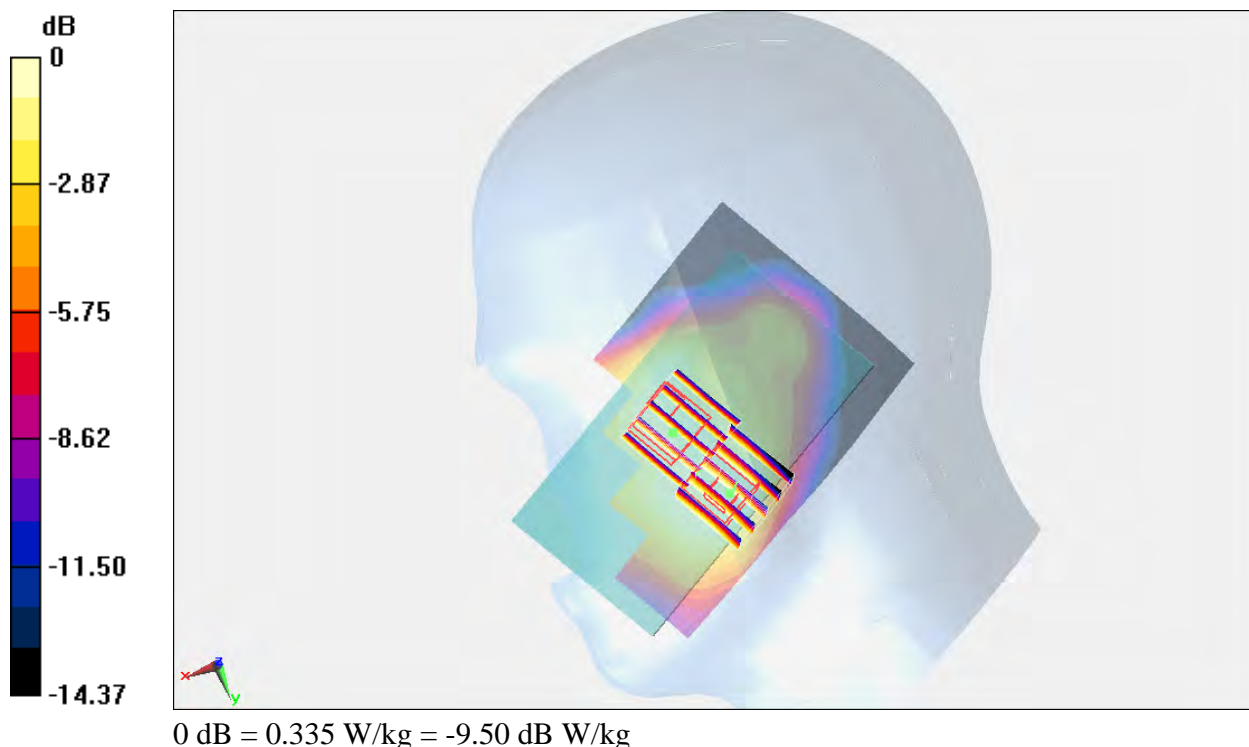
DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch9262/Area Scan (51x81x1):** Measurement grid: dx=20 mm, dy=20 mm  
Maximum value of SAR (interpolated) = 0.449 W/kg

**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 9.180 V/m; Power Drift = -0.11 dB  
Peak SAR (extrapolated) = 0.648 mW/g  
**SAR(1 g) = 0.423 mW/g; SAR(10 g) = 0.264 mW/g**  
Maximum value of SAR (measured) = 0.447 W/kg

**Ch9262/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 9.180 V/m; Power Drift = -0.11 dB  
Peak SAR (extrapolated) = 0.471 mW/g  
**SAR(1 g) = 0.303 mW/g; SAR(10 g) = 0.193 mW/g**  
Maximum value of SAR (measured) = 0.335 W/kg



## #14 WCDMA II\_RMC12.2K\_Right Tilted\_Ch9262

**DUT: 280818-01**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_120819 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.389$  mho/m;  $\epsilon_r = 40.013$ ;

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch9262/Area Scan (51x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.371 W/kg

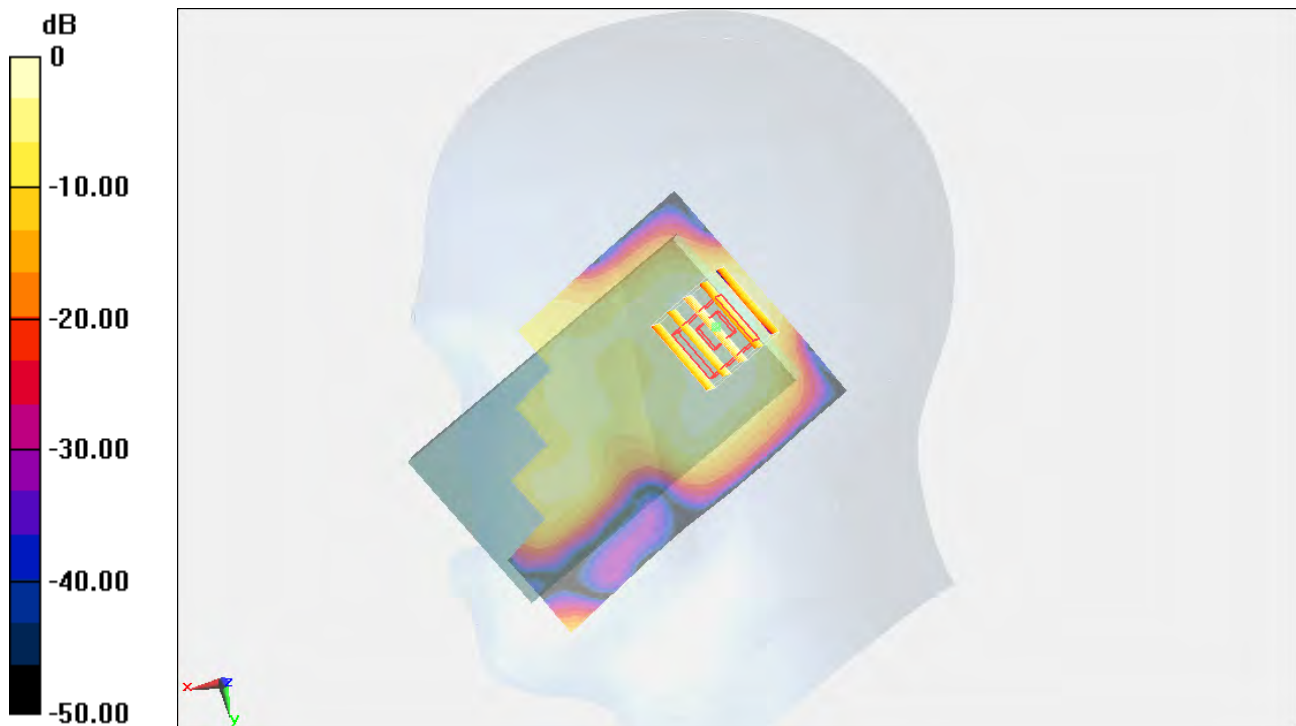
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.244 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.500 mW/g

**SAR(1 g) = 0.294 mW/g; SAR(10 g) = 0.165 mW/g**

Maximum value of SAR (measured) = 0.323 W/kg



0 dB = 0.323 W/kg = -9.82 dB W/kg

## #15 WCDMA II\_RMC12.2K\_Left Cheek\_Ch9262

**DUT: 280818-01**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_120819 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.389$  mho/m;  $\epsilon_r = 40.013$ ;

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch9262/Area Scan (51x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.738 W/kg

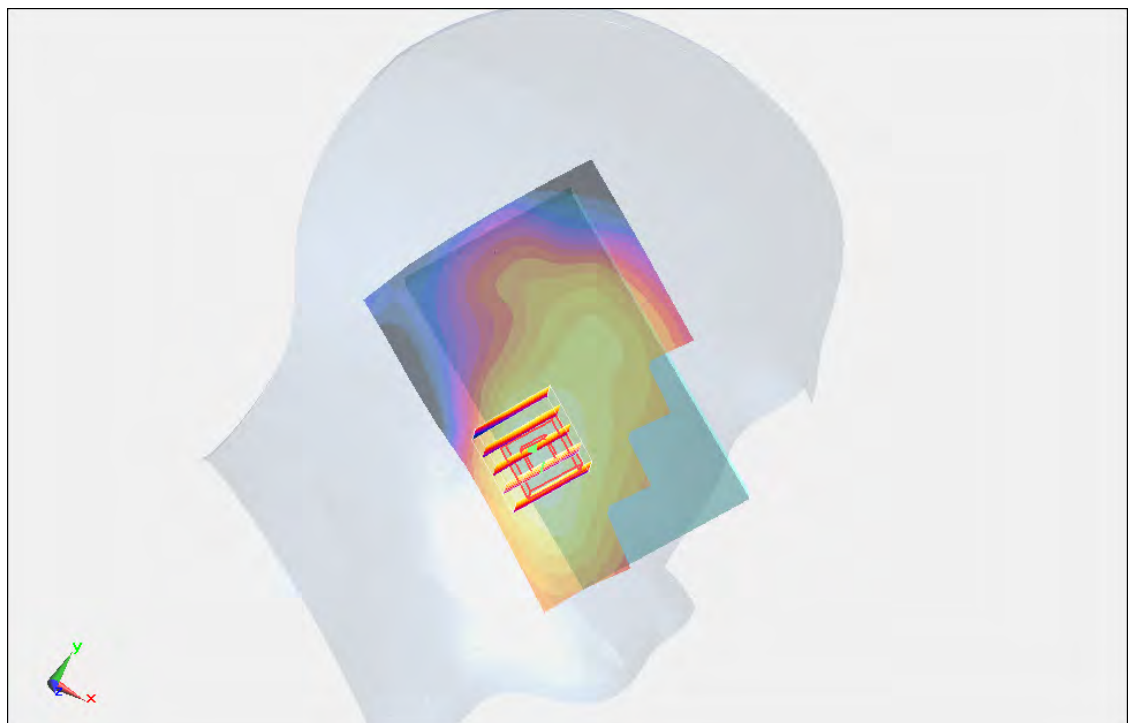
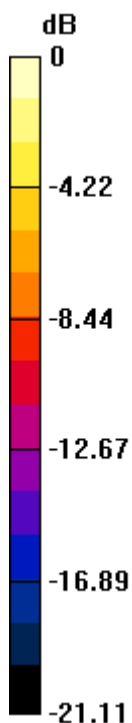
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.042 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.046 mW/g

**SAR(1 g) = 0.653 mW/g; SAR(10 g) = 0.393 mW/g**

Maximum value of SAR (measured) = 0.706 W/kg



0 dB = 0.706 W/kg = -3.02 dB W/kg

## #15 WCDMA II\_RMC12.2K\_Left Cheek\_Ch9262\_2D

### DUT: 280818-01

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_120819 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.389$  mho/m;  $\epsilon_r = 40.013$ ;

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

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch9262/Area Scan (51x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.738 W/kg

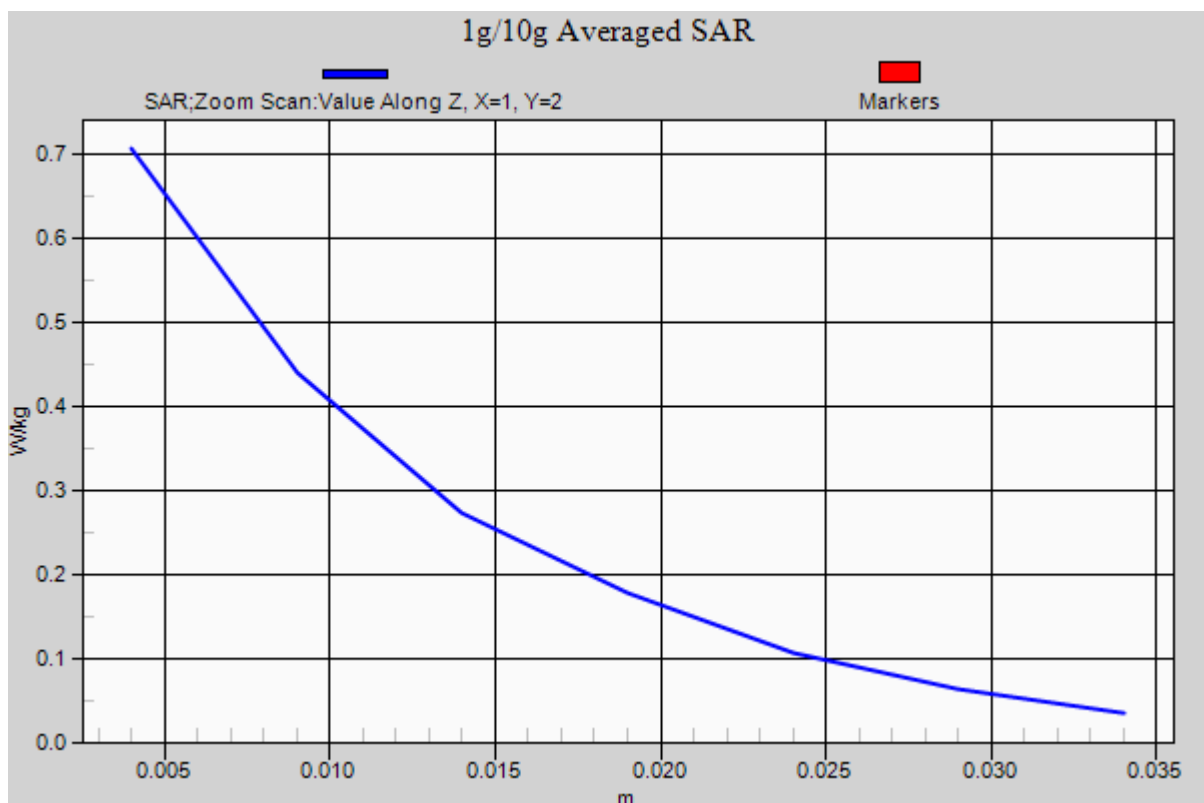
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.042 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.046 mW/g

**SAR(1 g) = 0.653 mW/g; SAR(10 g) = 0.393 mW/g**

Maximum value of SAR (measured) = 0.706 W/kg



## #16 WCDMA II\_RMC12.2K\_Left Tilted\_Ch9262

**DUT: 280818-01**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_120819 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.389$  mho/m;  $\epsilon_r = 40.013$ ;

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

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(8.36, 8.36, 8.36); Calibrated: 2011/11/16;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch9262/Area Scan (51x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.349 W/kg

**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.258 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.431 mW/g

**SAR(1 g) = 0.274 mW/g; SAR(10 g) = 0.161 mW/g**

Maximum value of SAR (measured) = 0.295 W/kg



0 dB = 0.295 W/kg = -10.60 dB W/kg

## #66 WCDMA II\_RMC12.2K\_Left Cheek\_Ch9262\_Sample2\_Battery2

**DUT: 280818-01**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_120824 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.383$  mho/m;  $\epsilon_r = 38.354$ ;

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

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.68, 4.68, 4.68); Calibrated: 2012/1/26;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch9262/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.616 mW/g

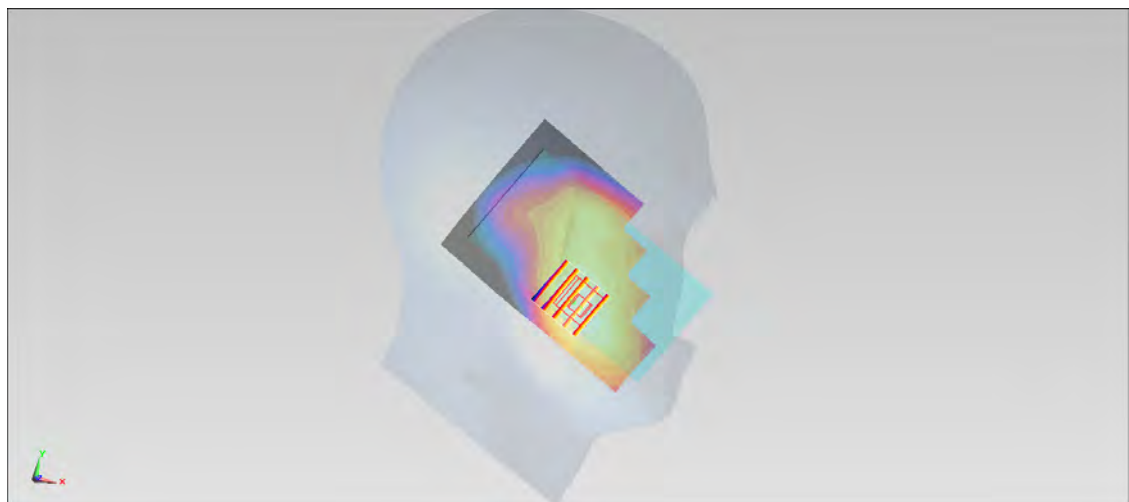
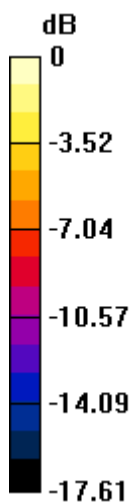
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.563 V/m; Power Drift = -0.023 dB

Peak SAR (extrapolated) = 0.718 mW/g

**SAR(1 g) = 0.514 mW/g; SAR(10 g) = 0.341 mW/g**

Maximum value of SAR (measured) = 0.560 mW/g



0 dB = 0.560 mW/g = -5.04 dB mW/g



## #118 WLAN2.4G\_802.11b\_Right Cheek\_Ch1

**DUT: 280818-01**

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1

Medium: HSL\_2450\_120903 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.82$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$

kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.33, 7.33, 7.33); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch1/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.400 mW/g

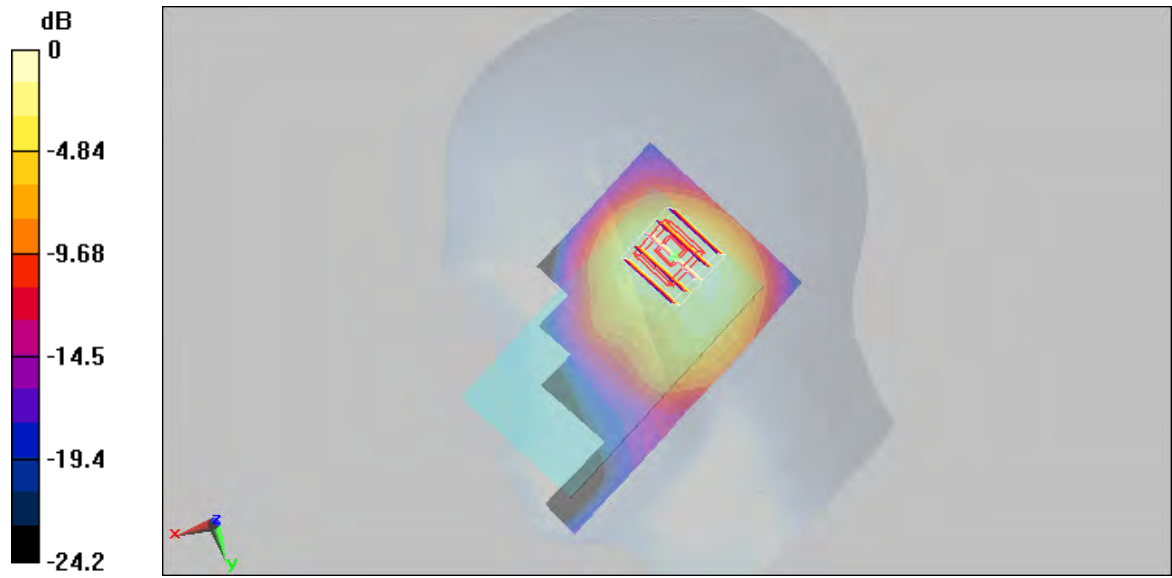
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.4 V/m; Power Drift = 0.048 dB

Peak SAR (extrapolated) = 0.680 W/kg

**SAR(1 g) = 0.364 mW/g; SAR(10 g) = 0.197 mW/g**

Maximum value of SAR (measured) = 0.389 mW/g



0 dB = 0.389mW/g

## #119 WLAN2.4G\_802.11b\_Right Tilted\_Ch1

**DUT: 280818-01**

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1

Medium: HSL\_2450\_120903 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.82$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$

kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.33, 7.33, 7.33); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch1/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.426 mW/g

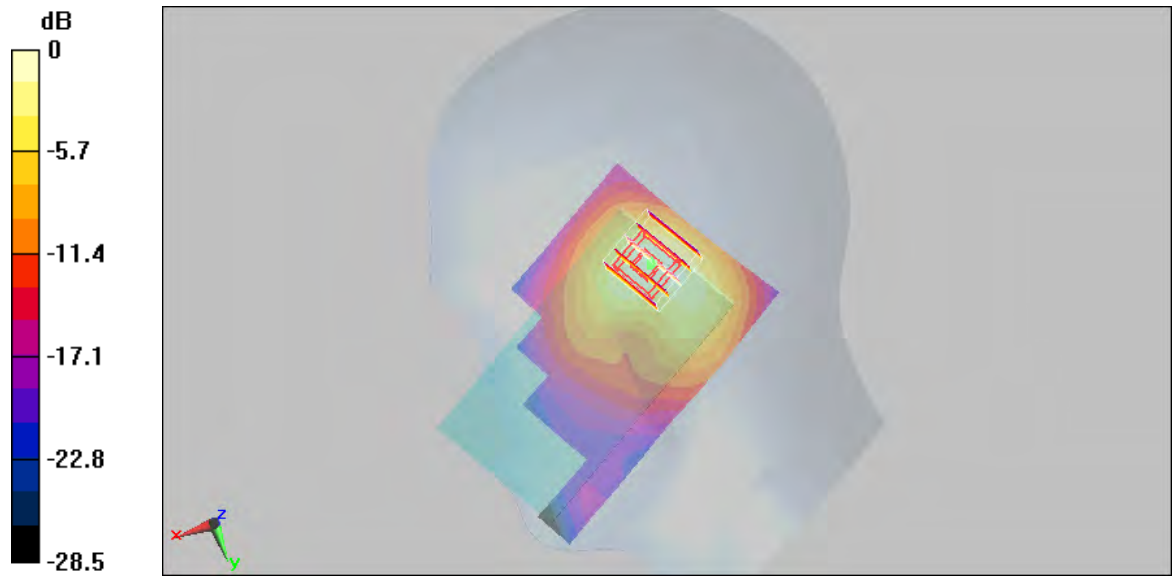
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.3 V/m; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 0.727 W/kg

**SAR(1 g) = 0.378 mW/g; SAR(10 g) = 0.196 mW/g**

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



0 dB = 0.404mW/g

## #120 WLAN2.4G\_802.11b\_Left Cheek\_Ch1

**DUT: 280818-01**

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL\_2450\_120905 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.8$  mho/m;  $\epsilon_r = 39.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.82, 6.82, 6.82); Calibrated: 2012/6/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.676 mW/g

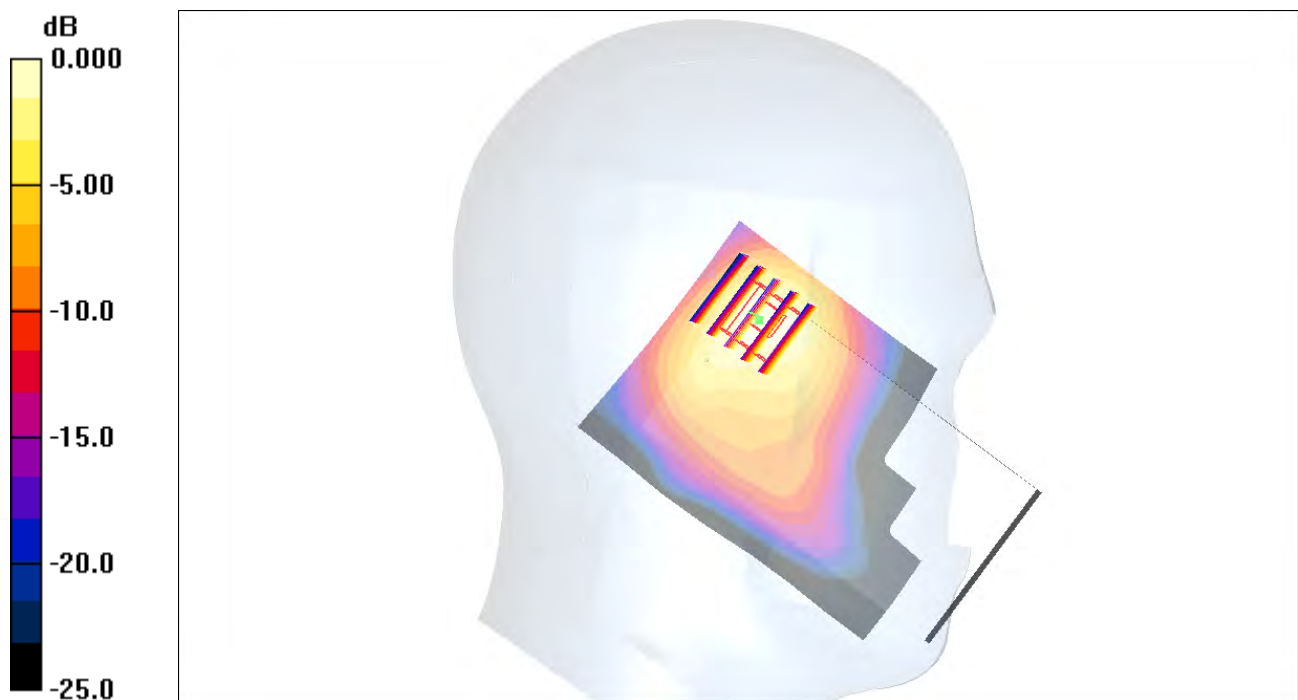
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.3 V/m; Power Drift = 0.127 dB

Peak SAR (extrapolated) = 1.32 W/kg

**SAR(1 g) = 0.634 mW/g; SAR(10 g) = 0.318 mW/g**

Maximum value of SAR (measured) = 0.696 mW/g



0 dB = 0.696mW/g

## #120 WLAN2.4G\_802.11b\_Left Cheek\_Ch1\_2D

**DUT: 280818-01**

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL\_2450\_120905 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.8$  mho/m;  $\epsilon_r = 39.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.82, 6.82, 6.82); Calibrated: 2012/6/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.676 mW/g

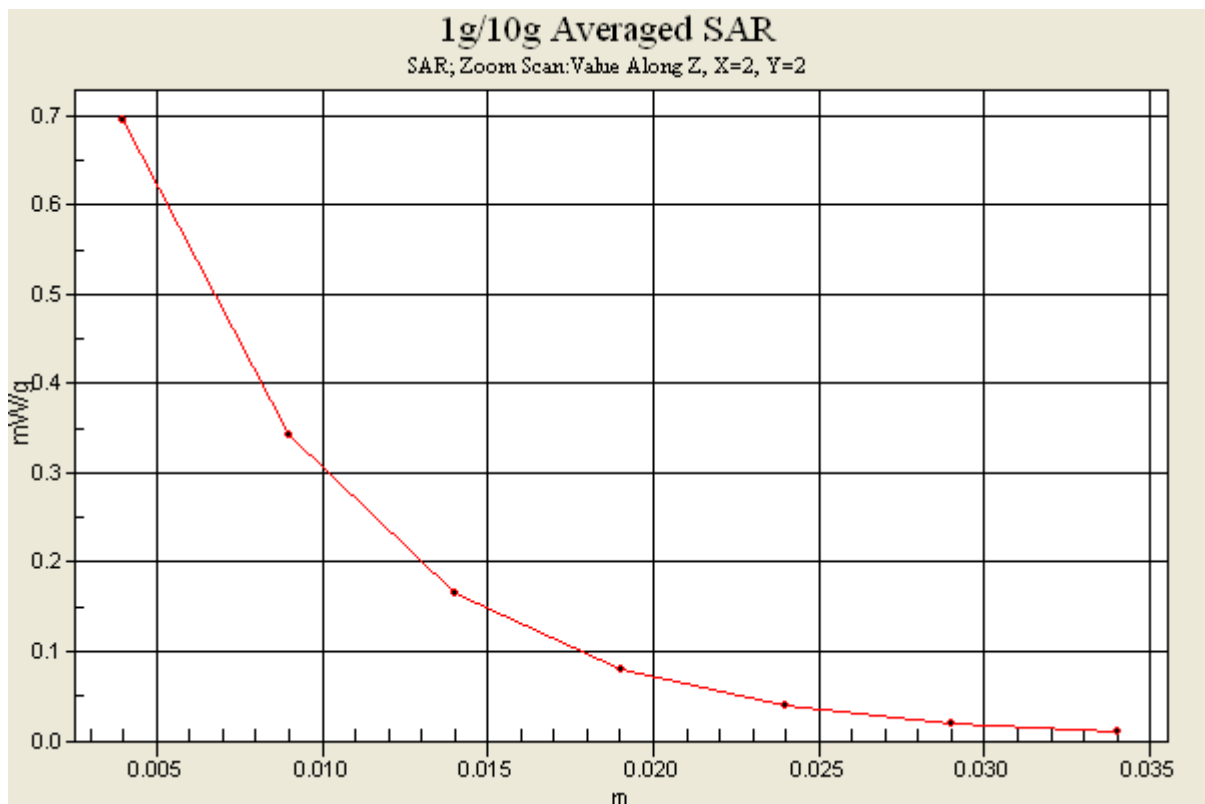
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.3 V/m; Power Drift = 0.127 dB

Peak SAR (extrapolated) = 1.32 W/kg

**SAR(1 g) = 0.634 mW/g; SAR(10 g) = 0.318 mW/g**

Maximum value of SAR (measured) = 0.696 mW/g



## #121 WLAN2.4G\_802.11b\_Left Tilted\_Ch1

**DUT: 280818-01**

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1

Medium: HSL\_2450\_120903 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.82$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$

kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.33, 7.33, 7.33); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch1/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.493 mW/g

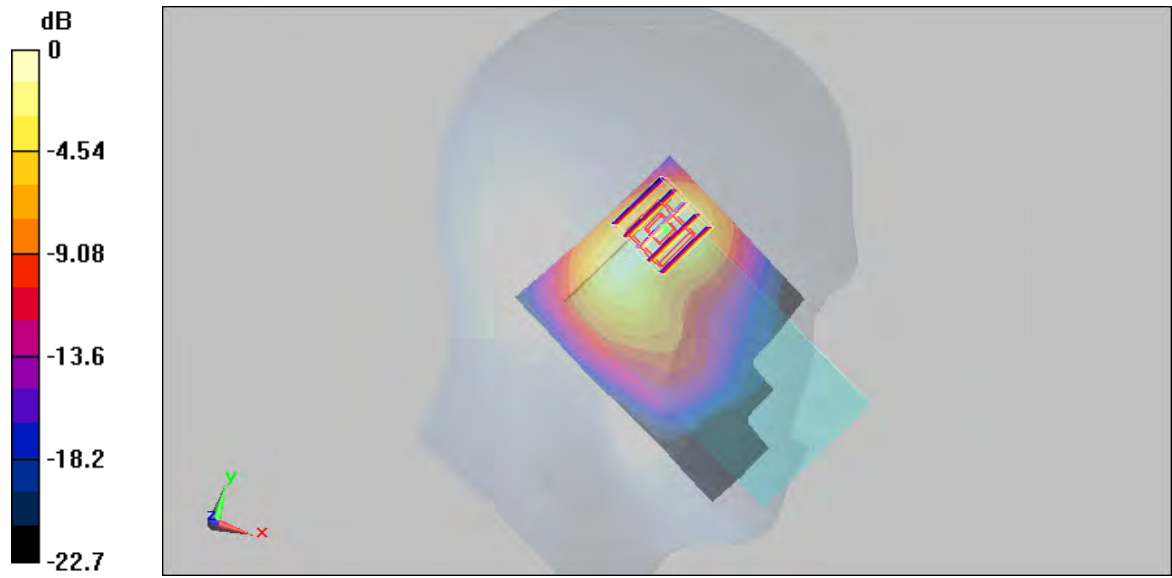
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.7 V/m; Power Drift = -0.012 dB

Peak SAR (extrapolated) = 0.942 W/kg

**SAR(1 g) = 0.437 mW/g; SAR(10 g) = 0.219 mW/g**

Maximum value of SAR (measured) = 0.467 mW/g



0 dB = 0.467mW/g



## #122 WLAN2.4G\_802.11b\_Left Cheek\_Ch1\_Sample2\_Battery2

**DUT: 280818-01**

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL\_2450\_120905 Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.8 \text{ mho/m}$ ;  $\epsilon_r = 39.5$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.82, 6.82, 6.82); Calibrated: 2012/6/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1/Area Scan (51x81x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.671 mW/g

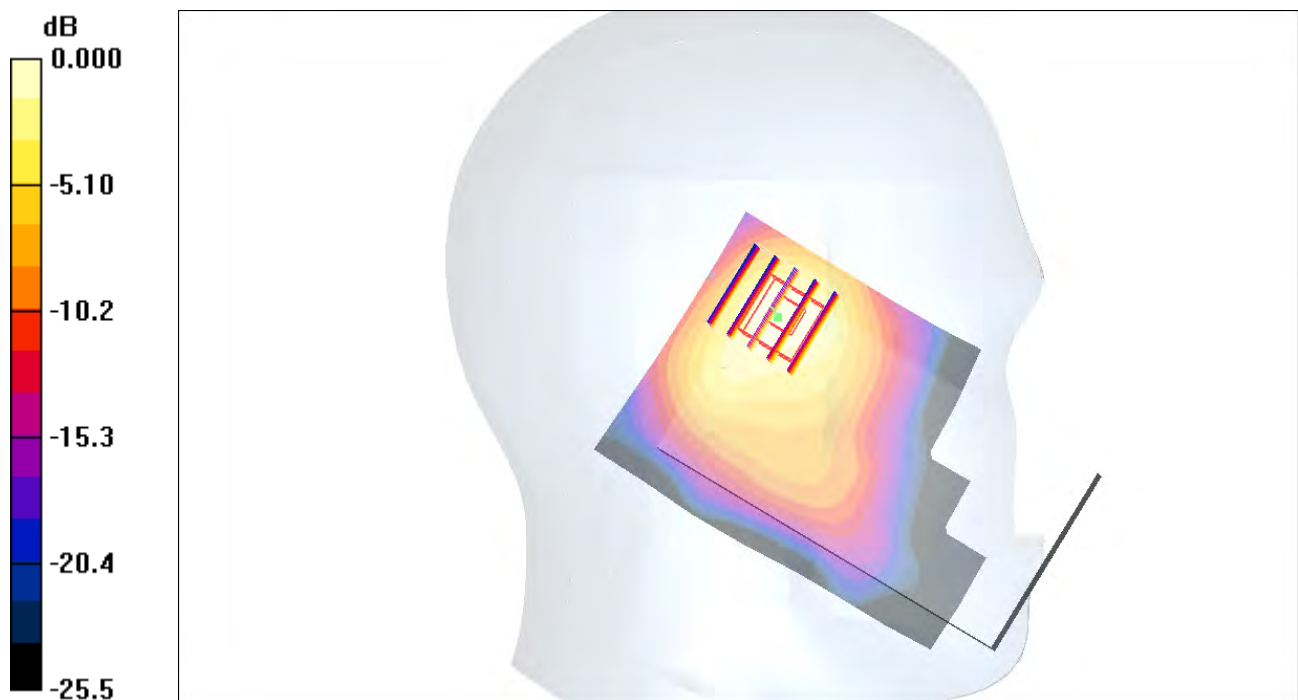
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 12.4 V/m; Power Drift = 0.009 dB

Peak SAR (extrapolated) = 1.24 W/kg

**SAR(1 g) = 0.595 mW/g; SAR(10 g) = 0.299 mW/g**

Maximum value of SAR (measured) = 0.650 mW/g



0 dB = 0.650mW/g

## #98 WLAN5G\_802.11a\_Right Cheek\_Ch48

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_120827 Medium parameters used:  $f = 5240$  MHz;  $\sigma = 4.85$  mho/m;  $\epsilon_r = 35.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(5.07, 5.07, 5.07); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch48/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.028 mW/g

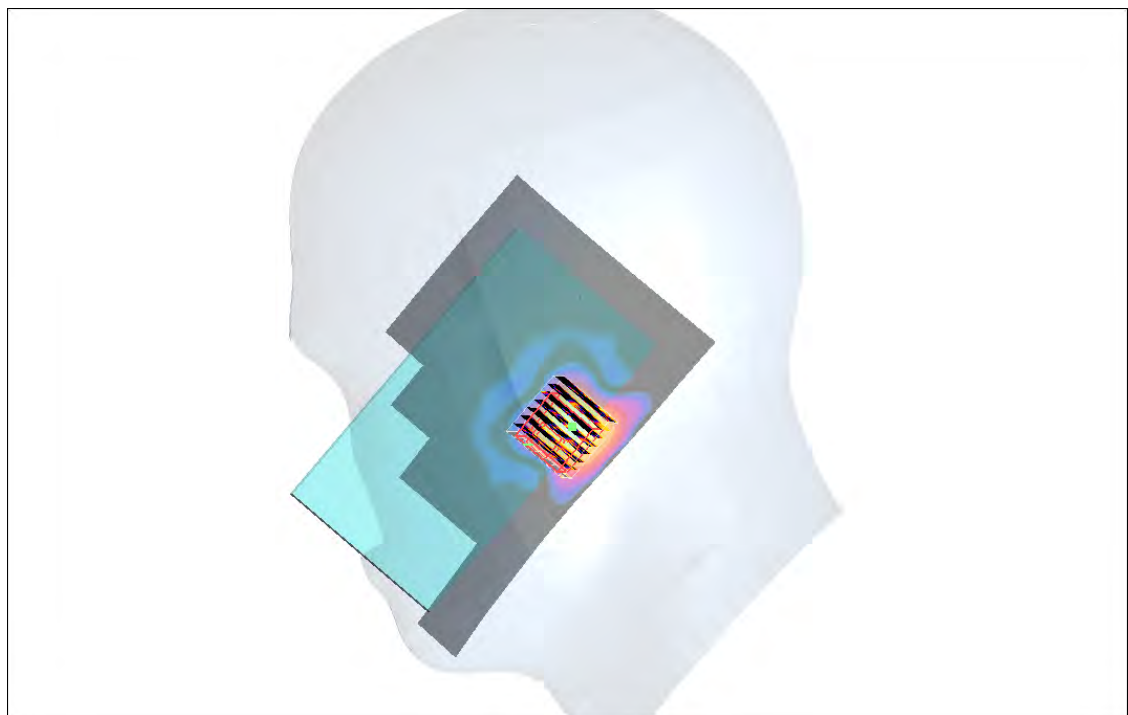
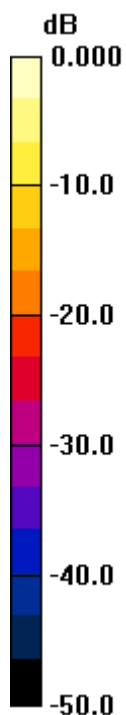
**Ch48/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.189 dB

Peak SAR (extrapolated) = 0.195 W/kg

**SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.00581 mW/g**

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



0 dB = 0.035mW/g

## #99 WLAN5G\_802.11a\_Right Tilted\_Ch48

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_120827 Medium parameters used:  $f = 5240$  MHz;  $\sigma = 4.85$  mho/m;  $\epsilon_r = 35.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(5.07, 5.07, 5.07); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch48/Area Scan (121x181x1):** Measurement grid: dx=10mm, dy=10mm

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

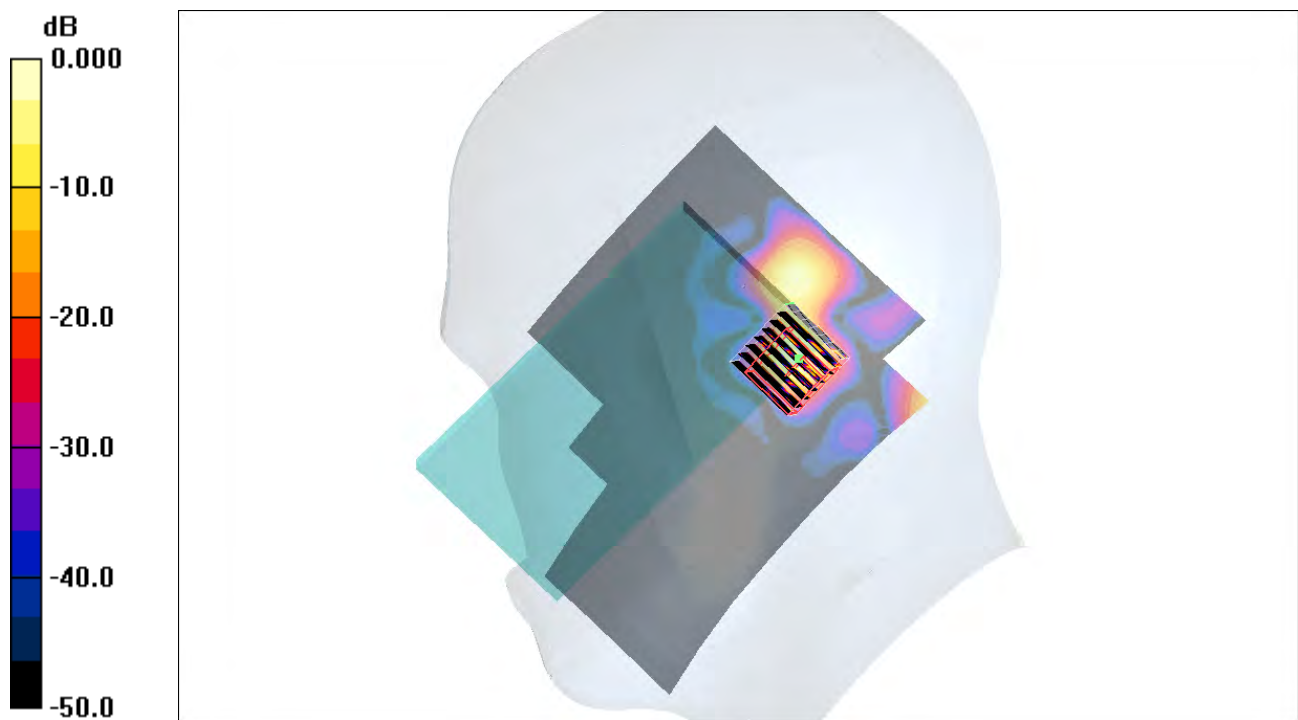
**Ch48/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.154 dB

Peak SAR (extrapolated) = 0.067 W/kg

**SAR(1 g) = 0.00388 mW/g; SAR(10 g) = 0.000577 mW/g**

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



0 dB = 0.032mW/g

## #100 WLAN5G\_802.11a\_Left Cheek\_Ch48

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_120827 Medium parameters used:  $f = 5240$  MHz;  $\sigma = 4.85$  mho/m;  $\epsilon_r = 35.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(5.07, 5.07, 5.07); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch48/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.136 mW/g

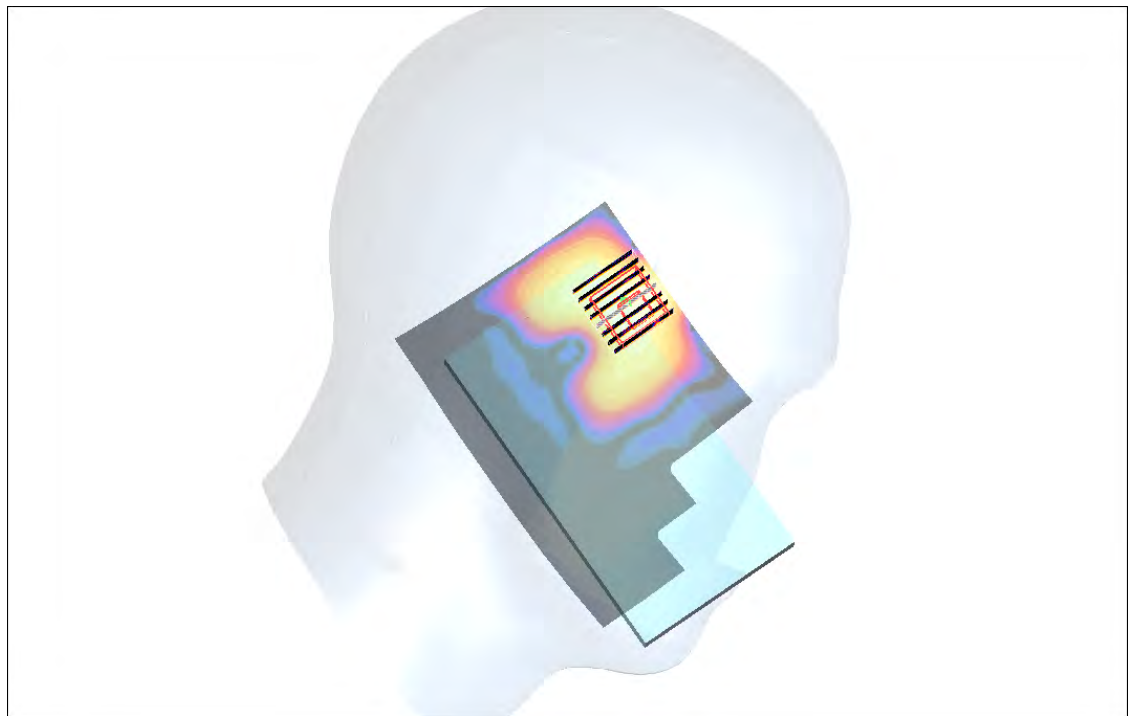
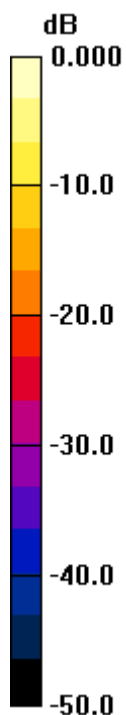
**Ch48/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.991 V/m; Power Drift = 0.108 dB

Peak SAR (extrapolated) = 0.360 W/kg

**SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.019 mW/g**

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



0 dB = 0.144mW/g

## #100 WLAN5G\_802.11a\_Left Cheek\_Ch48\_2D

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_120827 Medium parameters used:  $f = 5240$  MHz;  $\sigma = 4.85$  mho/m;  $\epsilon_r = 35.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(5.07, 5.07, 5.07); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch48/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.136 mW/g

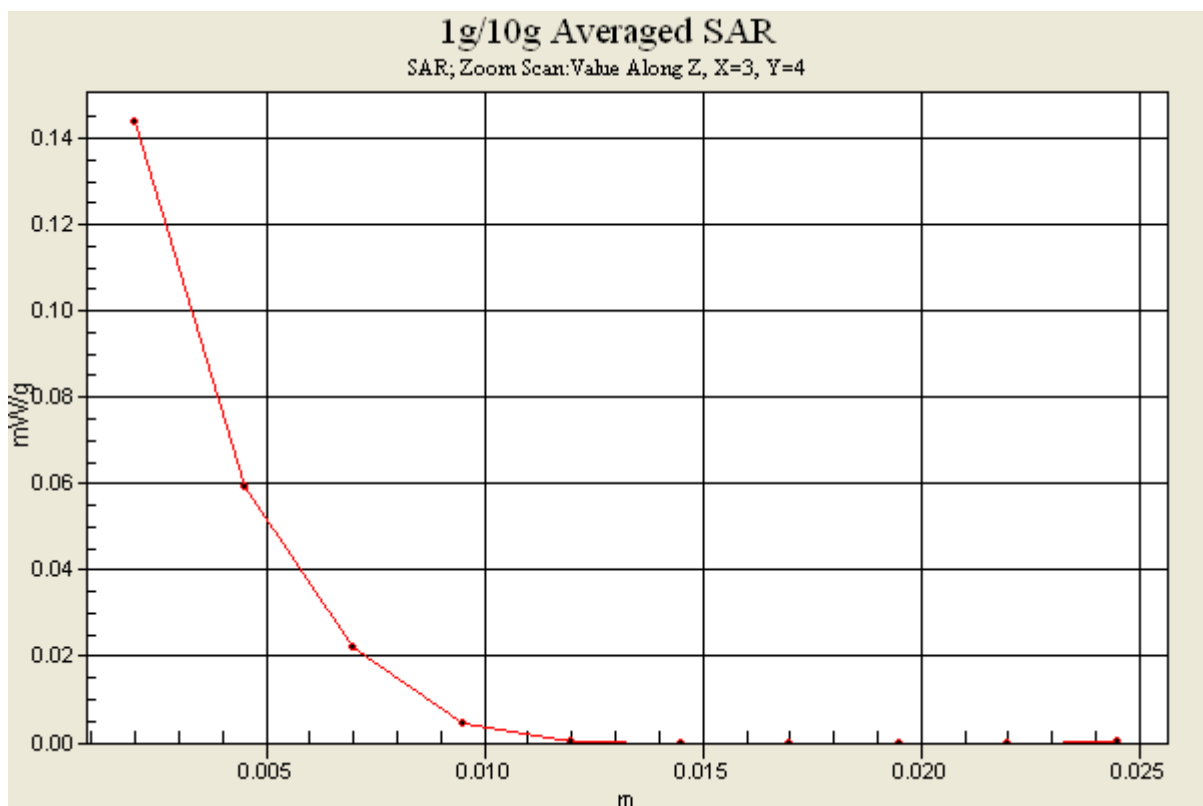
**Ch48/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.991 V/m; Power Drift = 0.108 dB

Peak SAR (extrapolated) = 0.360 W/kg

**SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.019 mW/g**

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



## #101 WLAN5G\_802.11a\_Left Tilted\_Ch48

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_120827 Medium parameters used:  $f = 5240$  MHz;  $\sigma = 4.85$  mho/m;  $\epsilon_r = 35.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(5.07, 5.07, 5.07); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch48/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.172 mW/g

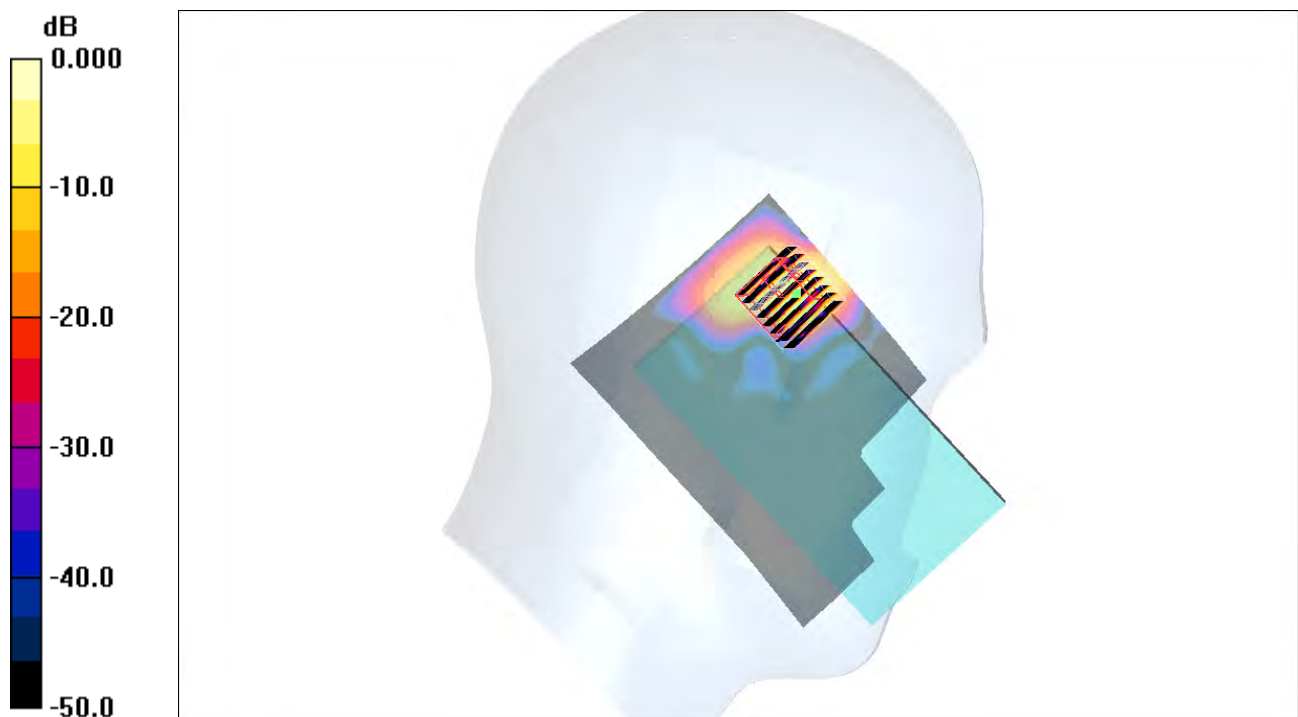
**Ch48/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.21 V/m; Power Drift = 0.131 dB

Peak SAR (extrapolated) = 0.400 W/kg

**SAR(1 g) = 0.00185 mW/g; SAR(10 g) = 0.000226 mW/g**

Maximum value of SAR (measured) = 0.400 mW/g



0 dB = 0.400mW/g

## #102 WLAN5G\_802.11a\_Left Cheek\_Ch48\_Sample2\_Battery2

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_120827 Medium parameters used:  $f = 5240$  MHz;  $\sigma = 4.85$  mho/m;  $\epsilon_r = 35.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(5.07, 5.07, 5.07); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch48/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.109 mW/g

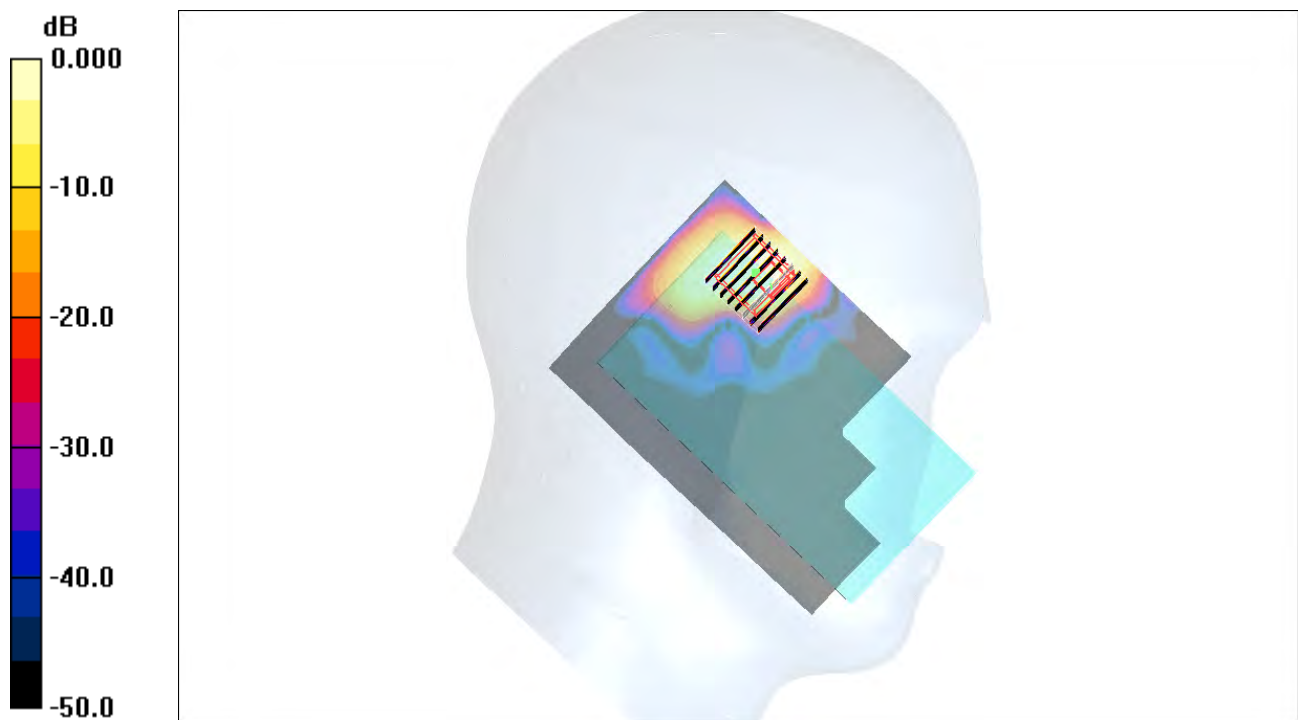
**Ch48/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.920 V/m; Power Drift = 0.169 dB

Peak SAR (extrapolated) = 0.161 W/kg

**SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.011 mW/g**

Maximum value of SAR (measured) = 0.072 mW/g



0 dB = 0.072mW/g

## #103 WLAN5G\_802.11a\_Right Cheek\_Ch60

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_120827 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 4.91$  mho/m;  $\epsilon_r = 35.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.71, 4.71, 4.71); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch60/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.137 mW/g

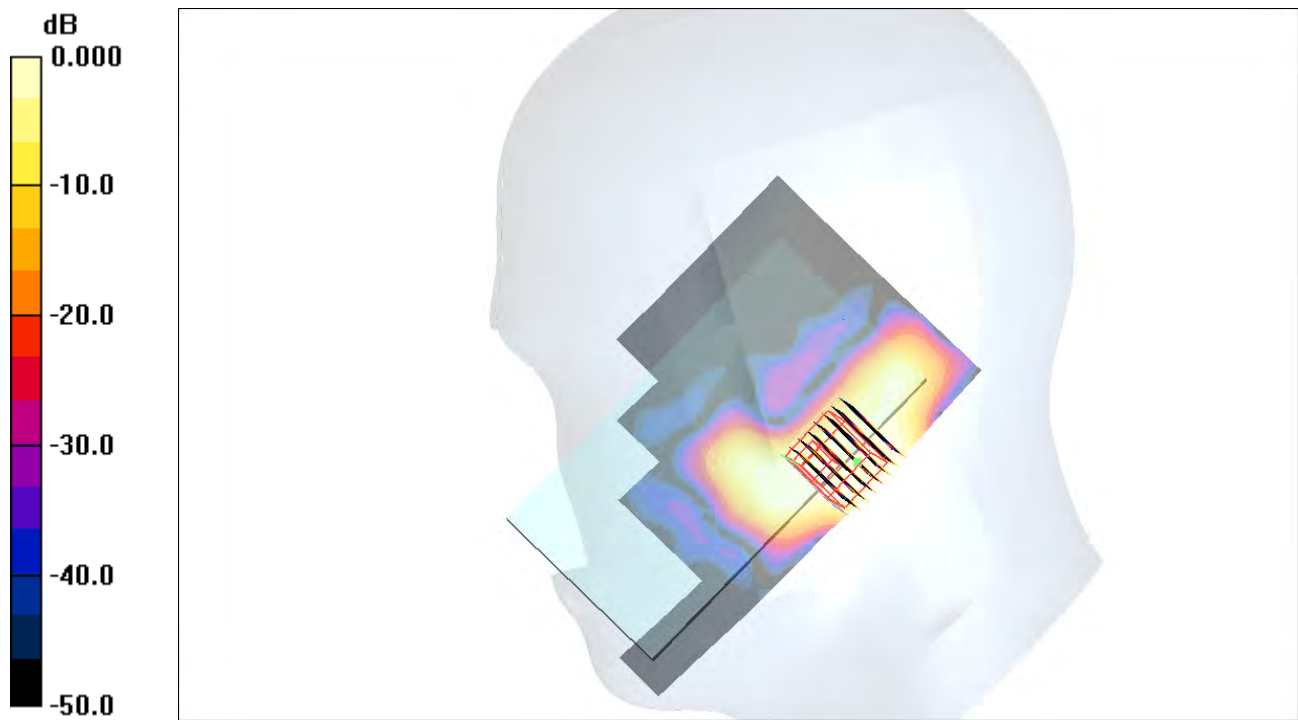
**Ch60/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.013 dB

Peak SAR (extrapolated) = 0.179 W/kg

**SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.00853 mW/g**

Maximum value of SAR (measured) = 0.056 mW/g



0 dB = 0.056mW/g



## #104 WLAN5G\_802.11a\_Right Tilted\_Ch60

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_120827 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 4.91$  mho/m;  $\epsilon_r = 35.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.71, 4.71, 4.71); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch60/Area Scan (121x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.030 mW/g

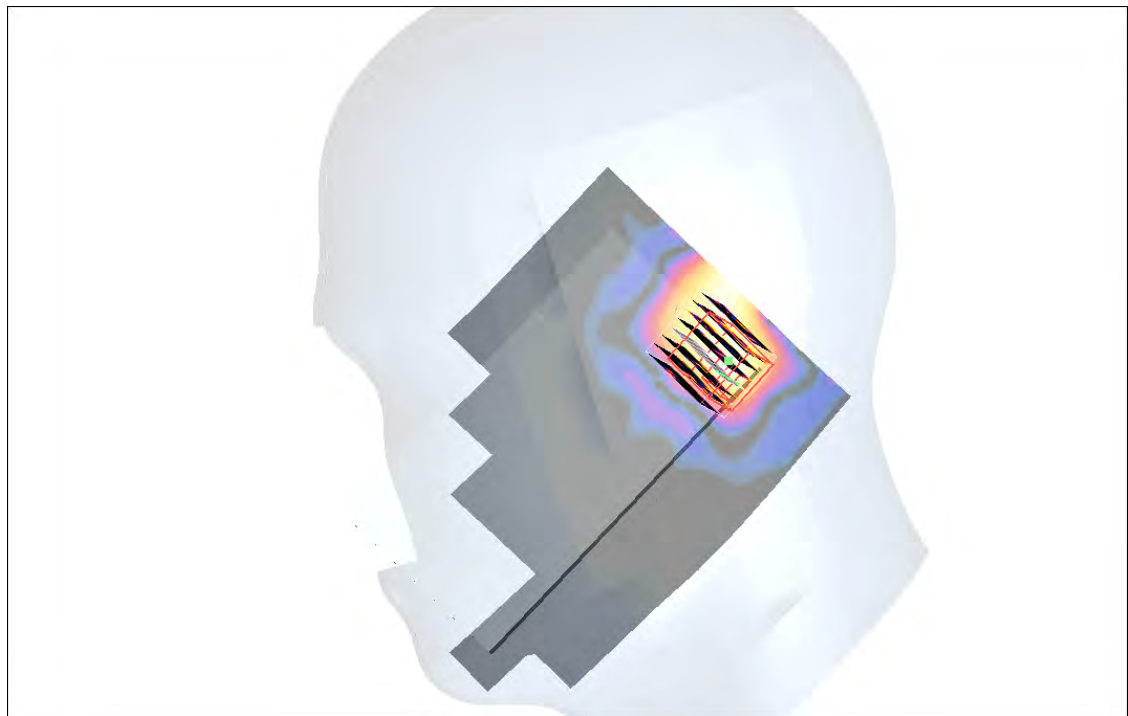
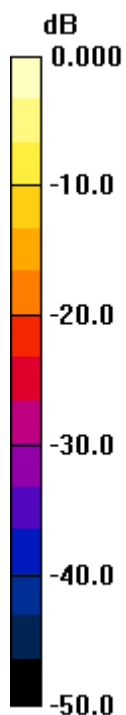
**Ch60/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.017 dB

Peak SAR (extrapolated) = 0.143 W/kg

**SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.00348 mW/g**

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



0 dB = 0.026mW/g

## #105 WLAN5G\_802.11a\_Left Cheek\_Ch60

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_120827 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 4.91$  mho/m;  $\epsilon_r = 35.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.71, 4.71, 4.71); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch60/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.219 mW/g

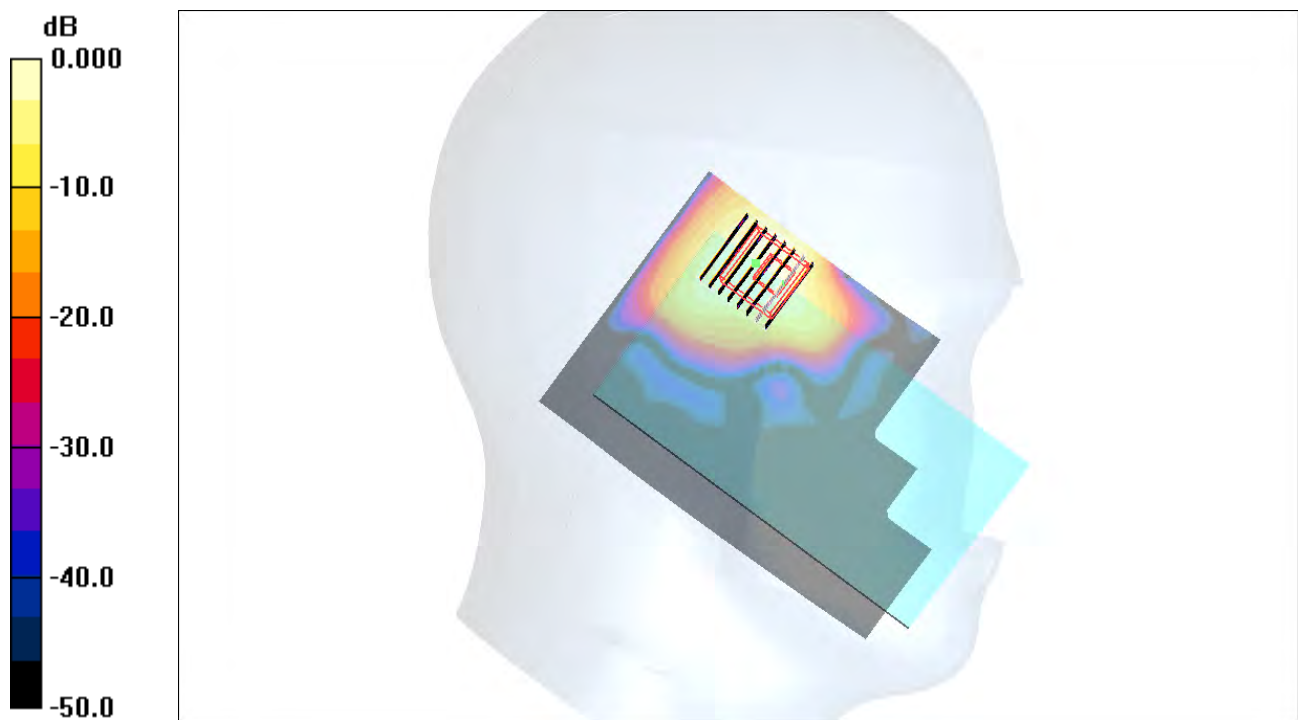
**Ch60/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.61 V/m; Power Drift = -0.175 dB

Peak SAR (extrapolated) = 0.284 W/kg

**SAR(1 g) = 0.079 mW/g; SAR(10 g) = 0.023 mW/g**

Maximum value of SAR (measured) = 0.177 mW/g



0 dB = 0.177mW/g

## #105 WLAN5G\_802.11a\_Left Cheek\_Ch60\_2D

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_120827 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 4.91$  mho/m;  $\epsilon_r = 35.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.71, 4.71, 4.71); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch60/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.219 mW/g

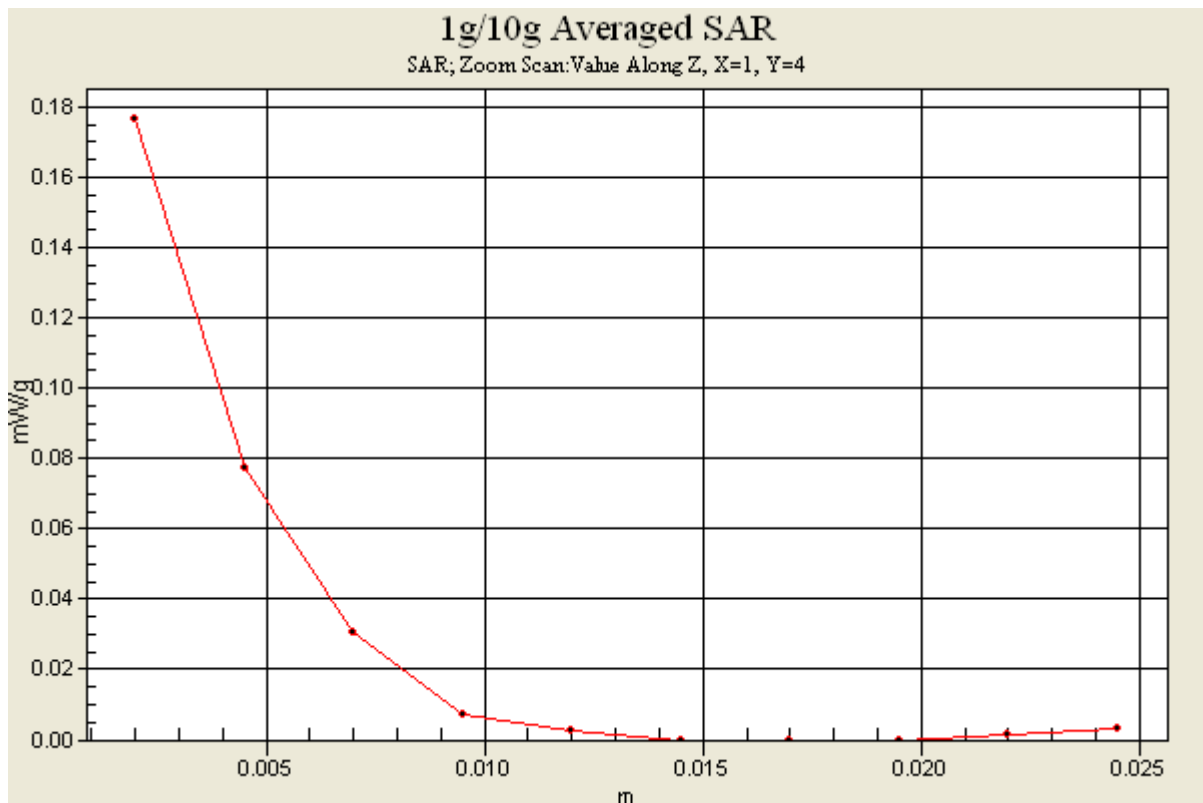
**Ch60/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.61 V/m; Power Drift = -0.175 dB

Peak SAR (extrapolated) = 0.284 W/kg

**SAR(1 g) = 0.079 mW/g; SAR(10 g) = 0.023 mW/g**

Maximum value of SAR (measured) = 0.177 mW/g



## #106 WLAN5G\_802.11a\_Left Tilted\_Ch60

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_120827 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 4.91$  mho/m;  $\epsilon_r = 35.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.71, 4.71, 4.71); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch60/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm

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

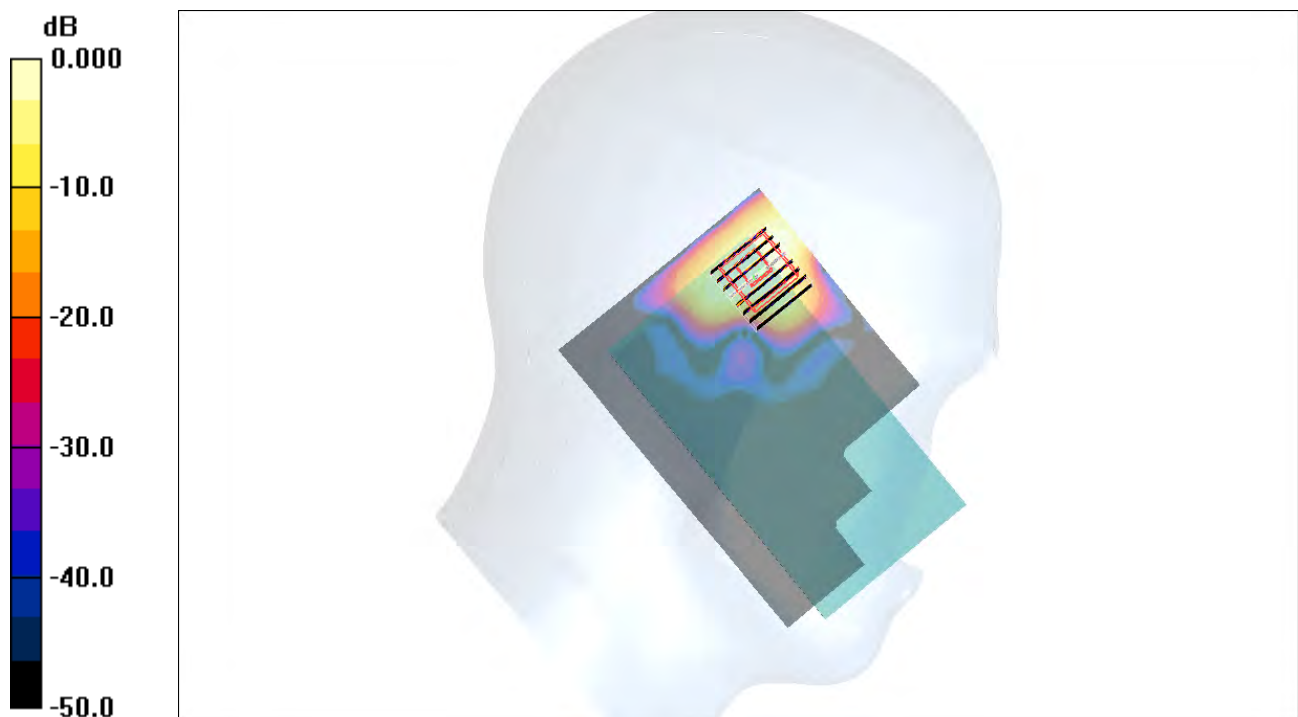
**Ch60/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.28 V/m; Power Drift = 0.105 dB

Peak SAR (extrapolated) = 0.321 W/kg

**SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.011 mW/g**

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



0 dB = 0.062mW/g

## #107 WLAN5G\_802.11a\_Left Cheek\_Ch60\_Sample2\_Battery2

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_120827 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 4.91$  mho/m;  $\epsilon_r = 35.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.71, 4.71, 4.71); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch60/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.205 mW/g

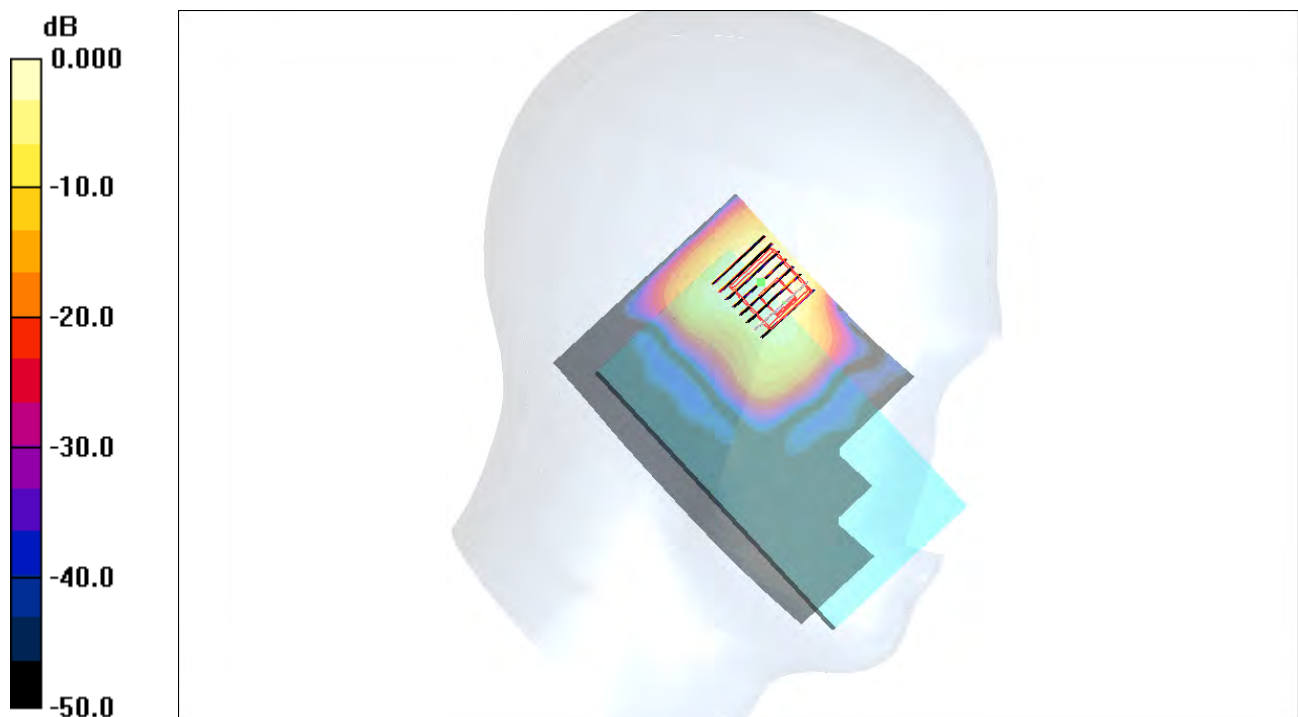
**Ch60/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.08 V/m; Power Drift = 0.152 dB

Peak SAR (extrapolated) = 0.274 W/kg

**SAR(1 g) = 0.071 mW/g; SAR(10 g) = 0.023 mW/g**

Maximum value of SAR (measured) = 0.183 mW/g



0 dB = 0.183mW/g

## #108 WLAN5G\_802.11a\_Right Cheek\_Ch100

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_120827 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.12$  mho/m;  $\epsilon_r = 35$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.74, 4.74, 4.74); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch100/Area Scan (101x181x1):** Measurement grid: dx=10mm, dy=10mm

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

**Ch100/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.162dB

Peak SAR (extrapolated) = 0.202 W/kg

**SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.012 mW/g**

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

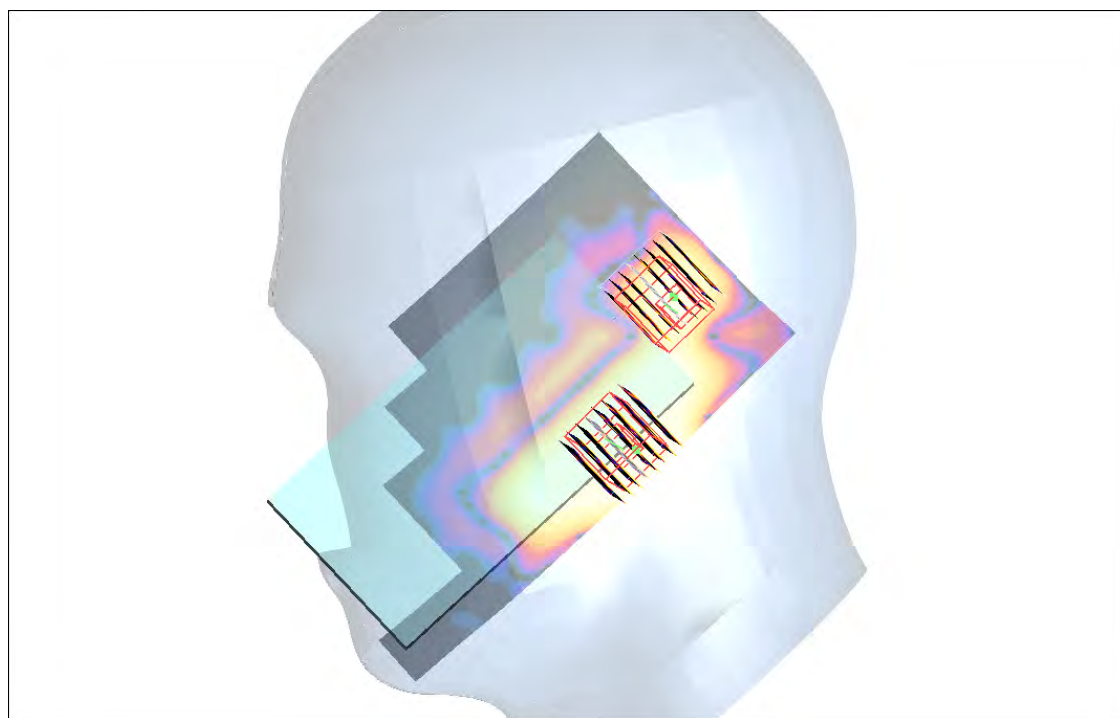
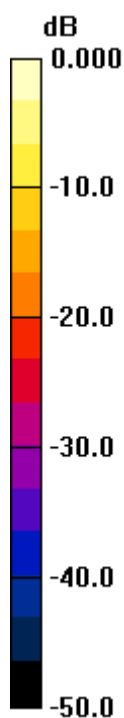
**Ch100/Zoom Scan (8x8x10)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.162 dB

Peak SAR (extrapolated) = 0.219 W/kg

**SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.00626 mW/g**

Maximum value of SAR (measured) = 0.039 mW/g



0 dB = 0.039mW/g

## #109 WLAN5G\_802.11a\_Right Tilted\_Ch100

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_120827 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.12$  mho/m;  $\epsilon_r = 35$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.74, 4.74, 4.74); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch100/Area Scan (101x181x1):** Measurement grid: dx=10mm, dy=10mm

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

**Ch100/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.001 dB

Peak SAR (extrapolated) = 0.261 W/kg

**SAR(1 g) = 0.027 mW/g; SAR(10 g) = 0.00929 mW/g**

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

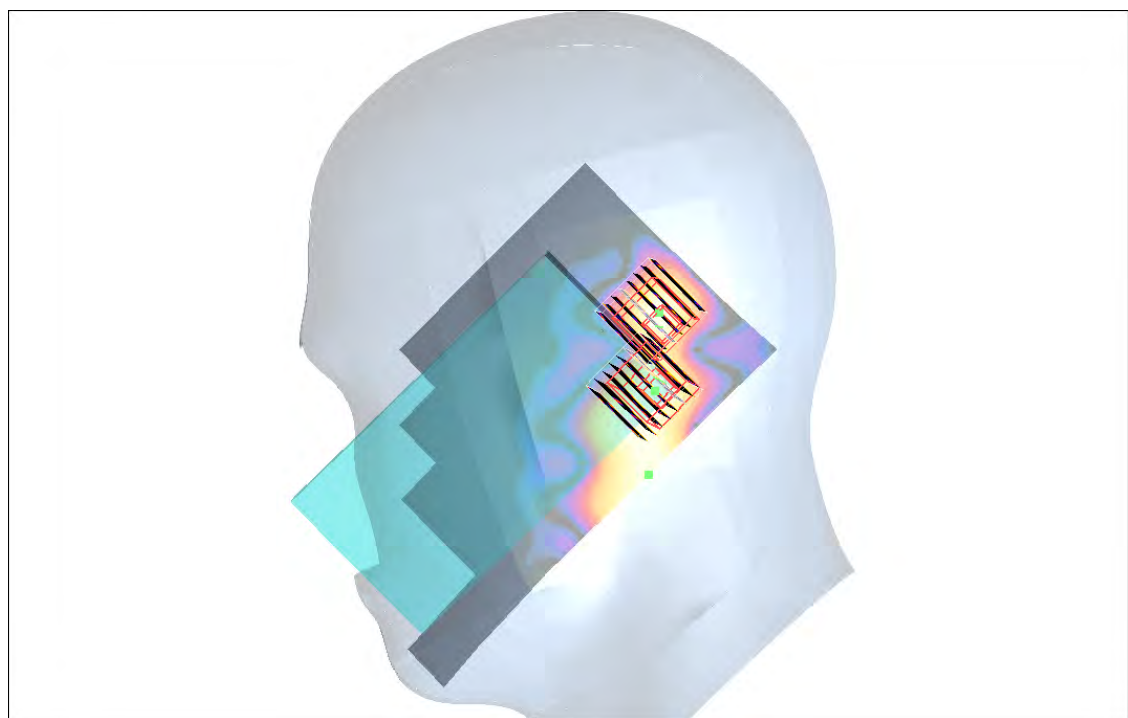
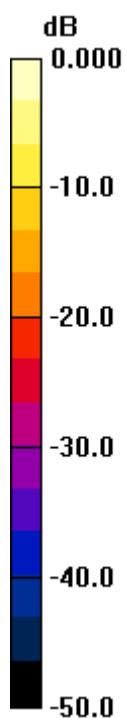
**Ch100/Zoom Scan (8x8x10)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.001 dB

Peak SAR (extrapolated) = 0.250 W/kg

**SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.00684 mW/g**

Maximum value of SAR (measured) = 0.045 mW/g



0 dB = 0.045mW/g

## #110 WLAN5G\_802.11a\_Left Cheek\_Ch100

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_120827 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.12$  mho/m;  $\epsilon_r = 35$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.74, 4.74, 4.74); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch100/Area Scan (101x181x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.268 mW/g

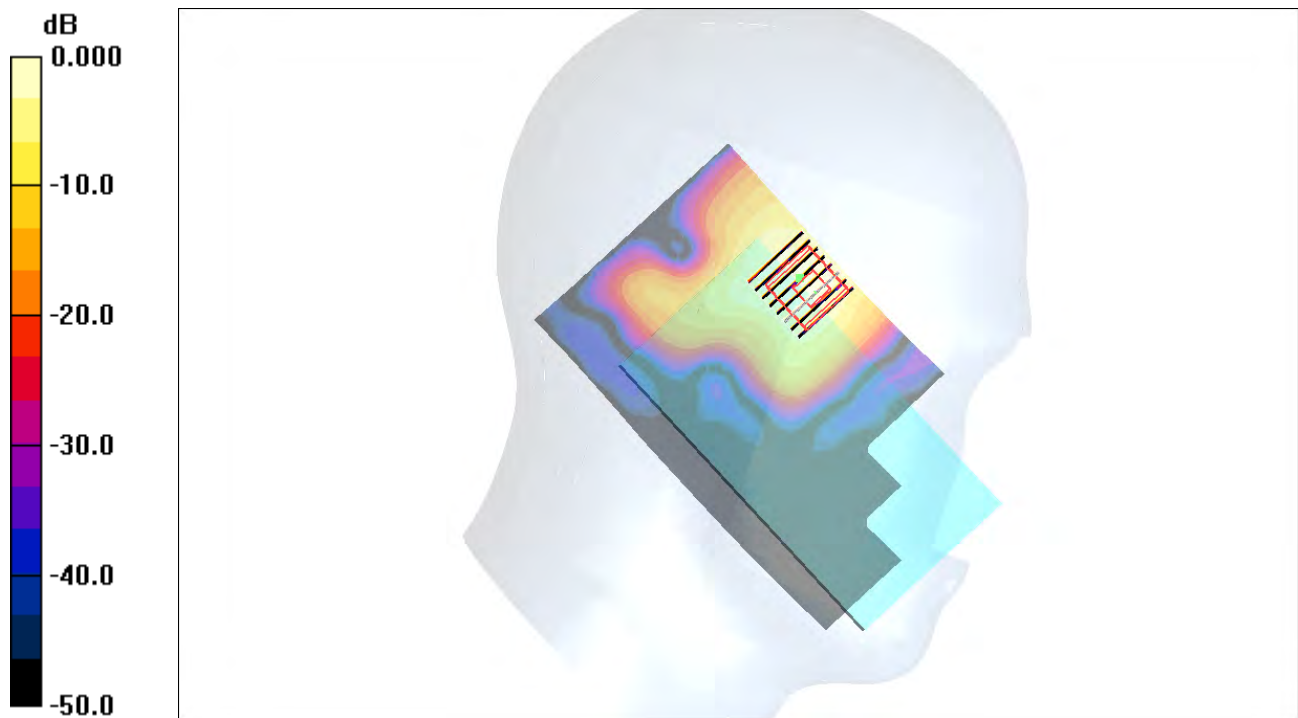
**Ch100/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.76 V/m; Power Drift = -0.131 dB

Peak SAR (extrapolated) = 1.14 W/kg

**SAR(1 g) = 0.144 mW/g; SAR(10 g) = 0.044 mW/g**

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



0 dB = 0.316mW/g



## #110 WLAN5G\_802.11a\_Left Cheek\_Ch100\_2D

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_120827 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.12$  mho/m;  $\epsilon_r = 35$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.74, 4.74, 4.74); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch100/Area Scan (101x181x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.268 mW/g

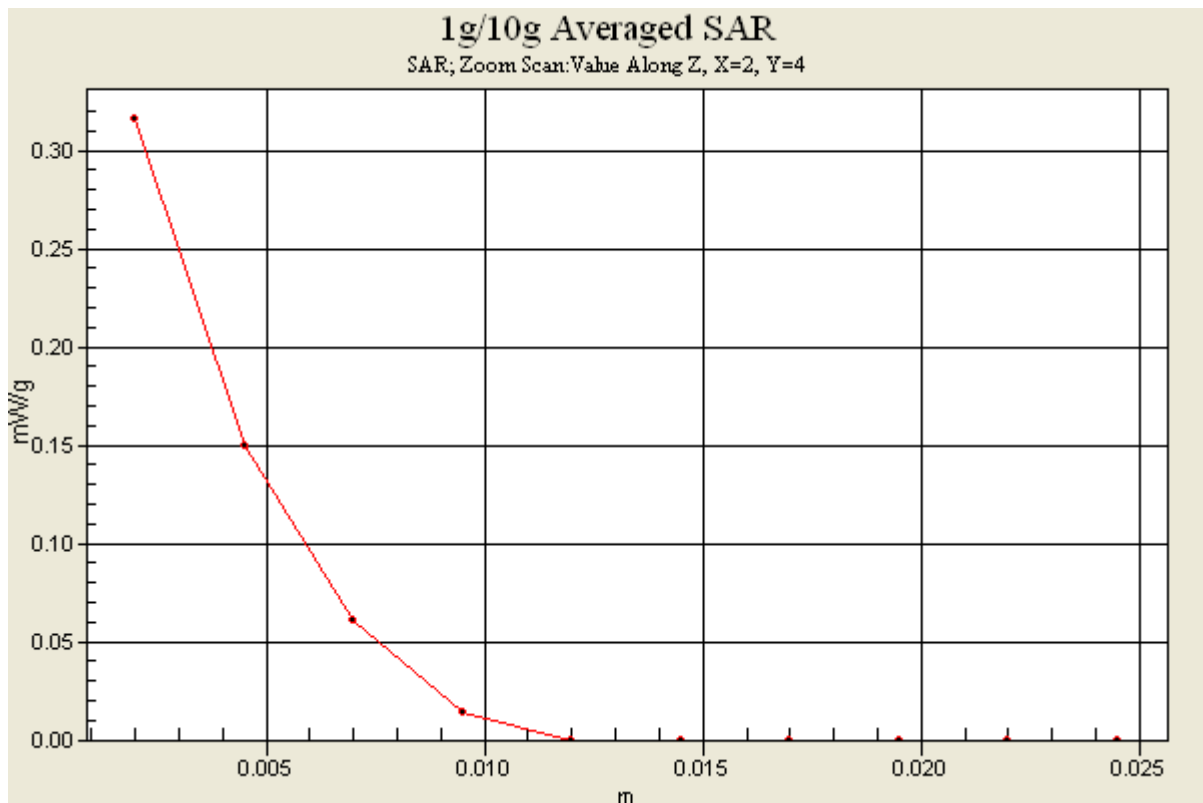
**Ch100/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.76 V/m; Power Drift = -0.131 dB

Peak SAR (extrapolated) = 1.14 W/kg

**SAR(1 g) = 0.144 mW/g; SAR(10 g) = 0.044 mW/g**

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



## #111 WLAN5G\_802.11a\_Left Tilted\_Ch100

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_120827 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.12$  mho/m;  $\epsilon_r = 35$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.74, 4.74, 4.74); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch100/Area Scan (101x181x1):** Measurement grid: dx=10mm, dy=10mm

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

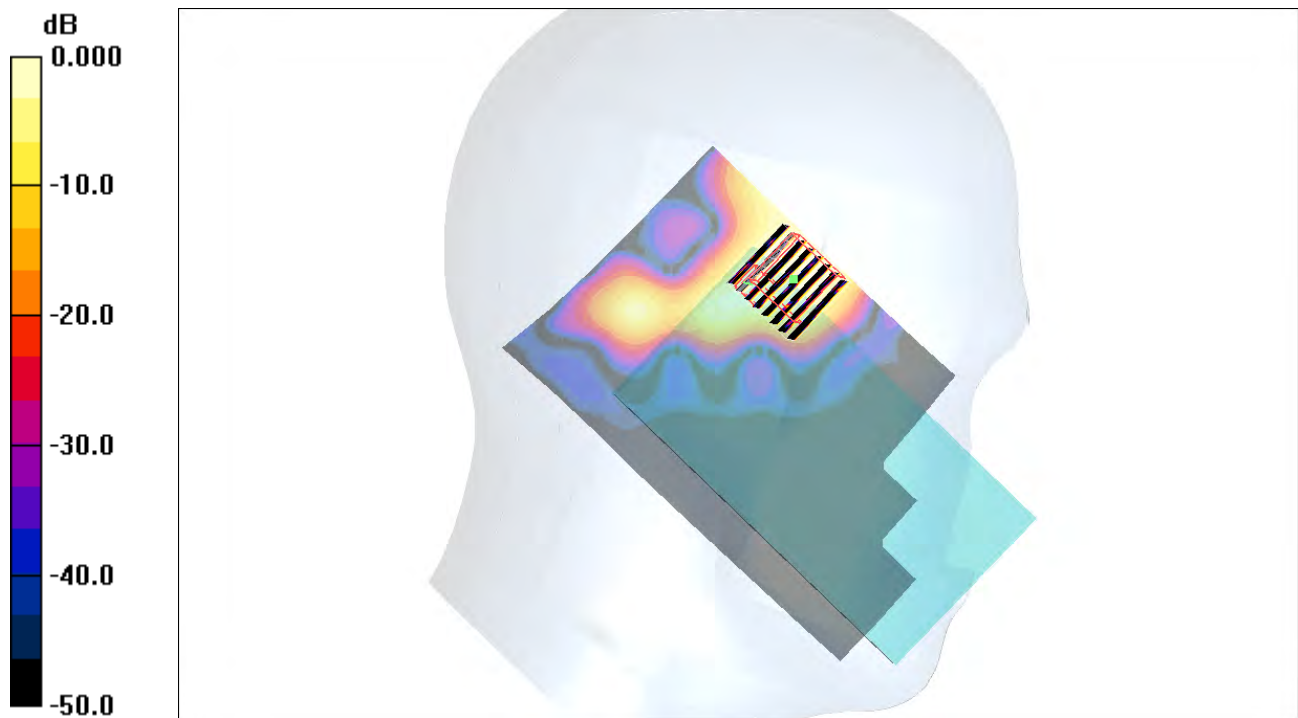
**Ch100/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.83 V/m; Power Drift = 0.159 dB

Peak SAR (extrapolated) = 0.303 W/kg

**SAR(1 g) = 0.032 mW/g; SAR(10 g) = 0.014 mW/g**

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



0 dB = 0.079mW/g

## #112 WLAN5G\_802.11a\_Left Cheek\_Ch100\_Sample2\_Battery2

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_120827 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.12$  mho/m;  $\epsilon_r = 35$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.74, 4.74, 4.74); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch100/Area Scan (101x181x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.286 mW/g

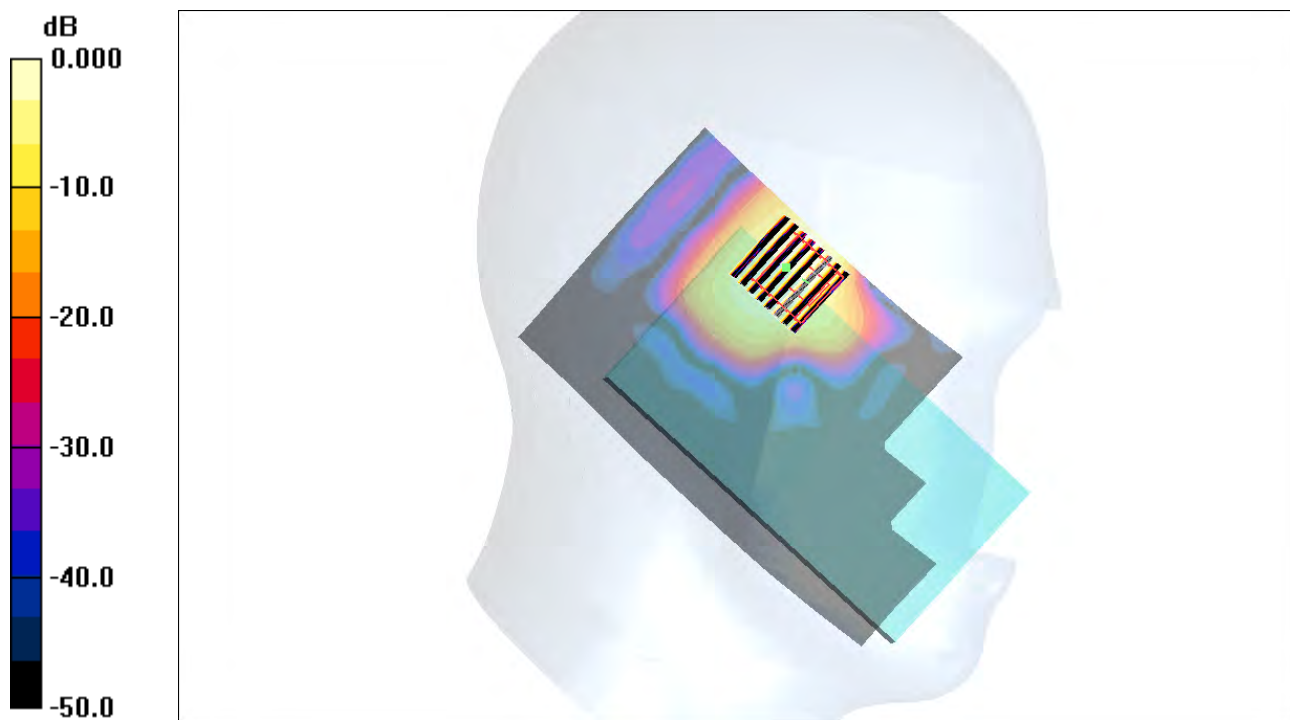
**Ch100/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.28 V/m; Power Drift = 0.172 dB

Peak SAR (extrapolated) = 0.478 W/kg

**SAR(1 g) = 0.133 mW/g; SAR(10 g) = 0.039 mW/g**

Maximum value of SAR (measured) = 0.276 mW/g



0 dB = 0.276mW/g

## #113 WLAN5G\_802.11a\_Right Cheek\_Ch157

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_120827 Medium parameters used:  $f = 5785$  MHz;  $\sigma = 5.4$  mho/m;  $\epsilon_r = 34.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch157/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm

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

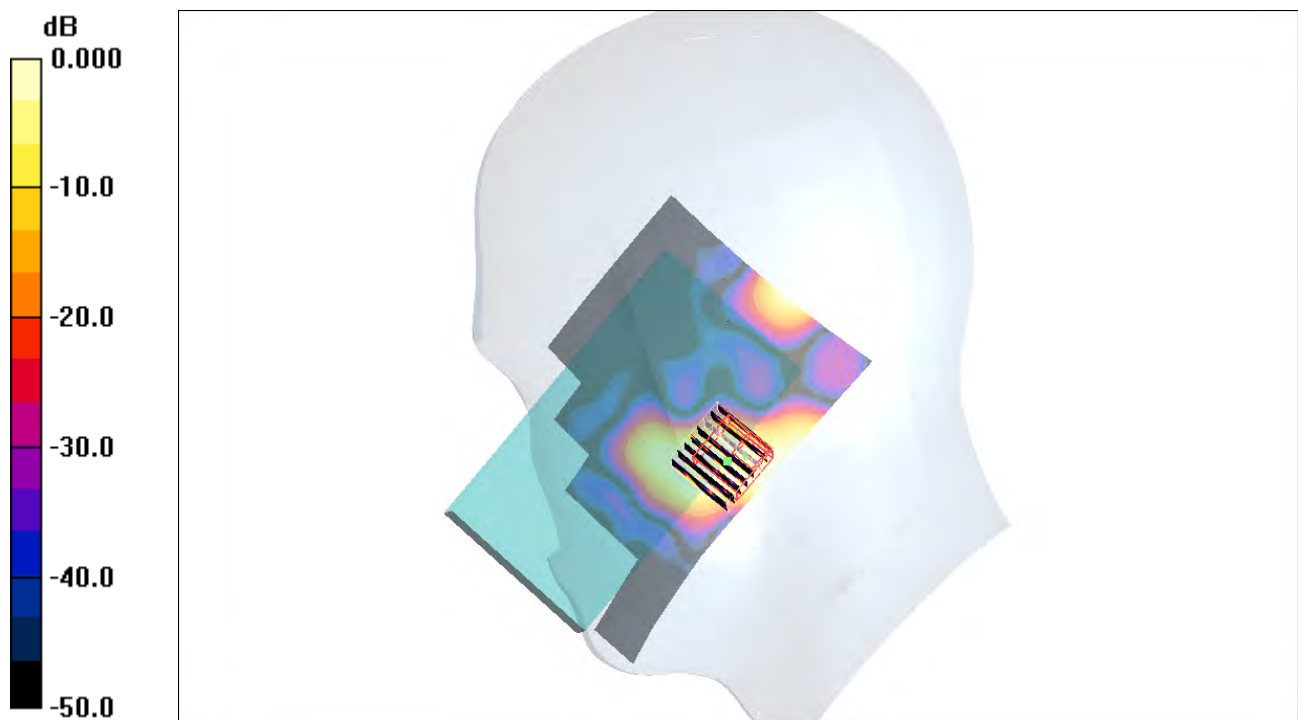
**Ch157/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.001 dB

Peak SAR (extrapolated) = 0.238 W/kg

**SAR(1 g) = 0.027 mW/g; SAR(10 g) = 0.00851 mW/g**

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



0 dB = 0.051mW/g

## #114 WLAN5G\_802.11a\_Right Tilted\_Ch157

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_120827 Medium parameters used:  $f = 5785$  MHz;  $\sigma = 5.4$  mho/m;  $\epsilon_r = 34.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch157/Area Scan (121x181x1):** Measurement grid: dx=10mm, dy=10mm

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

**Ch157/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 0.245 W/kg

**SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.015 mW/g**

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

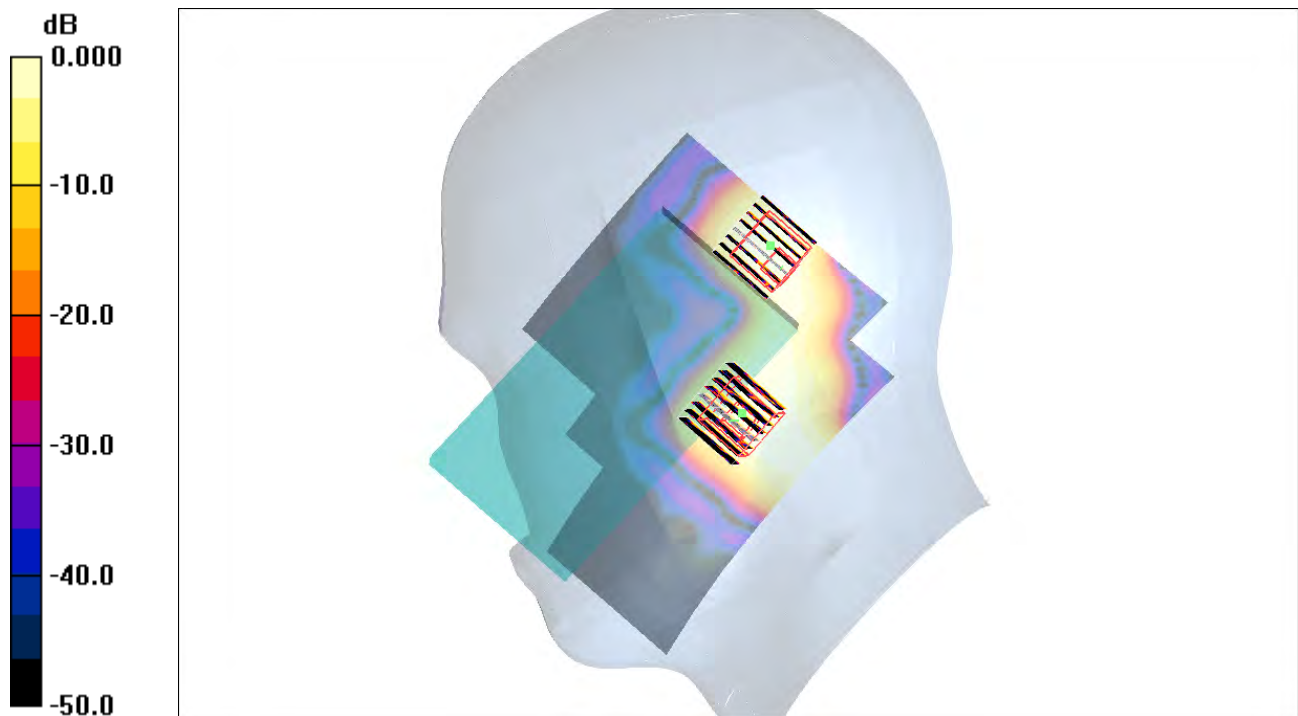
**Ch157/Zoom Scan (8x8x10)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 0.149 W/kg

**SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.011 mW/g**

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



0 dB = 0.078mW/g

## #115 WLAN5G\_802.11a\_Left Cheek\_Ch157

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_120827 Medium parameters used:  $f = 5785$  MHz;  $\sigma = 5.4$  mho/m;  $\epsilon_r = 34.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch157/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.189 mW/g

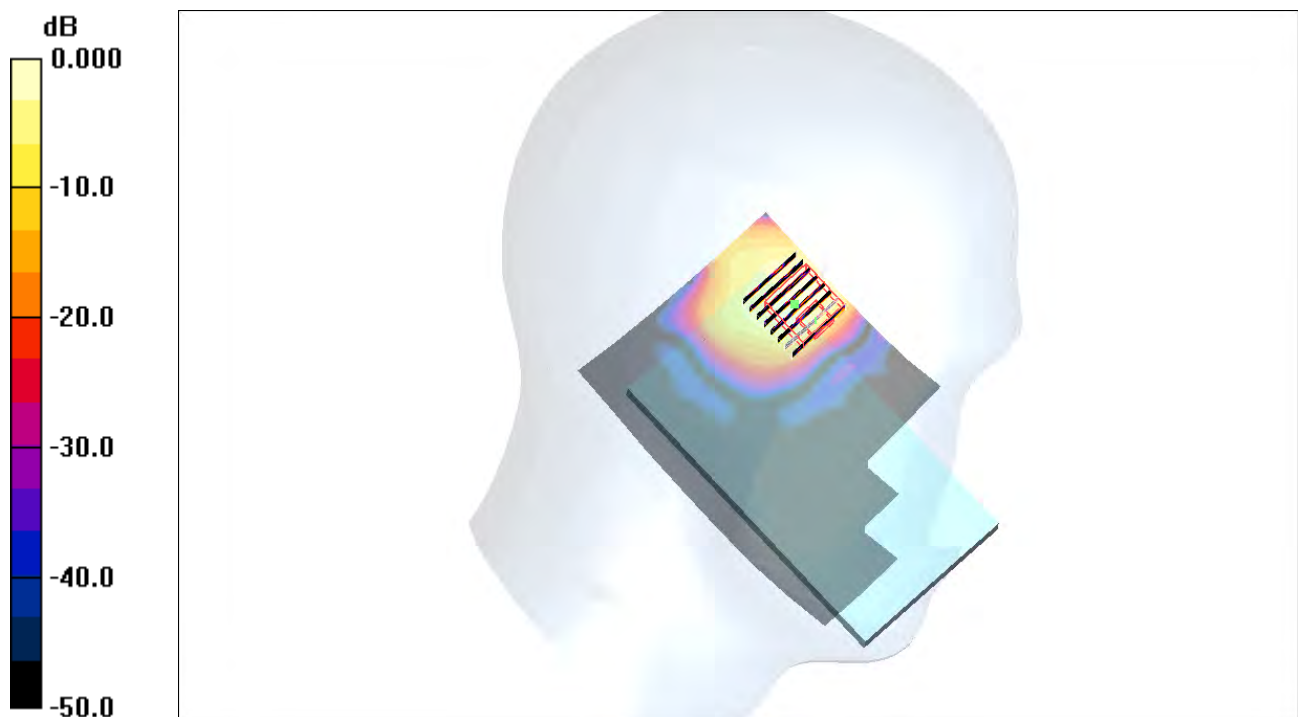
**Ch157/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.158 dB

Peak SAR (extrapolated) = 0.288 W/kg

**SAR(1 g) = 0.068 mW/g; SAR(10 g) = 0.018 mW/g**

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



0 dB = 0.169mW/g

## #115 WLAN5G\_802.11a\_Left Cheek\_Ch157\_2D

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_120827 Medium parameters used :  $f = 5785 \text{ MHz}$ ;  $\sigma = 5.4 \text{ mho/m}$ ;  $\epsilon_r = 34.4$ ;  $\rho = 1000$

$\text{kg/m}^3$

Ambient Temperature :  $22.3 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $21.3 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011/11/16

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3

- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch157/Area Scan (101x161x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) =  $0.189 \text{ mW/g}$

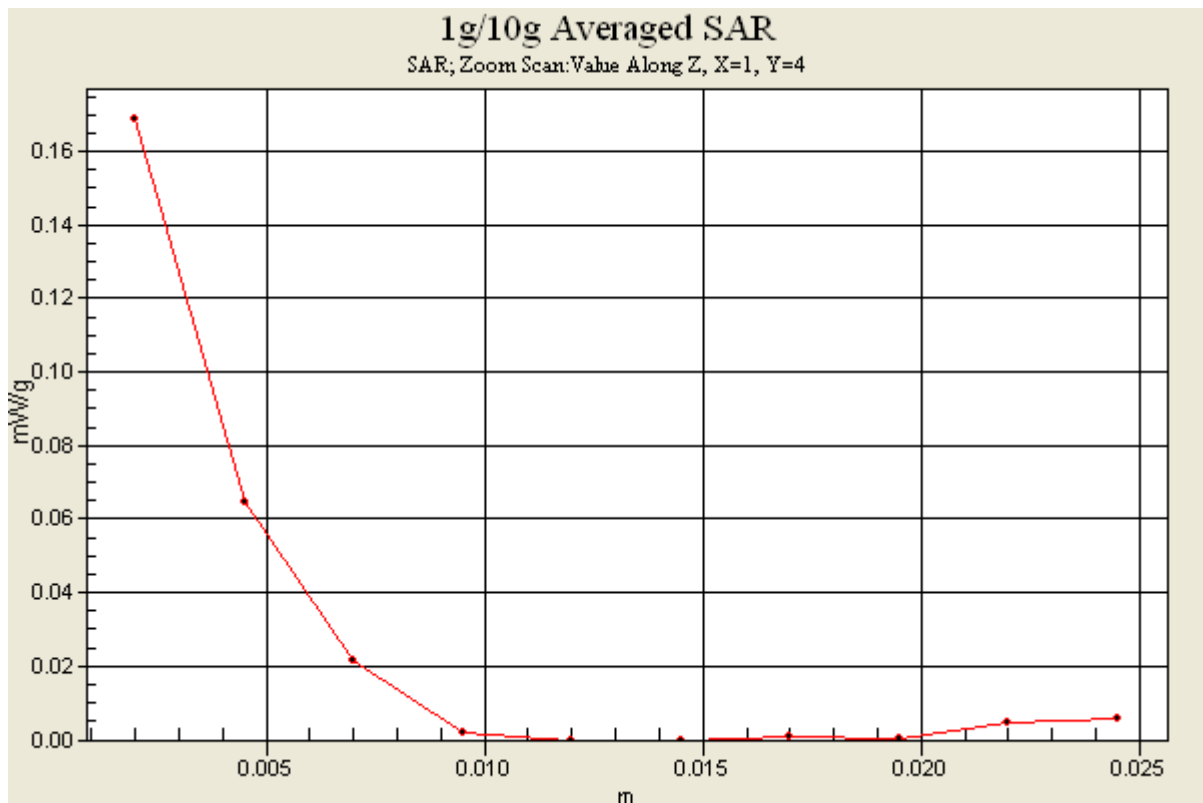
**Ch157/Zoom Scan (8x8x10)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2.5\text{mm}$

Reference Value =  $0.000 \text{ V/m}$ ; Power Drift =  $0.158 \text{ dB}$

Peak SAR (extrapolated) =  $0.288 \text{ W/kg}$

**SAR(1 g) =  $0.068 \text{ mW/g}$ ; SAR(10 g) =  $0.018 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.169 \text{ mW/g}$



## #116 WLAN5G\_802.11a\_Left Tilted\_Ch157

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_120827 Medium parameters used:  $f = 5785$  MHz;  $\sigma = 5.4$  mho/m;  $\epsilon_r = 34.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch157/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm

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

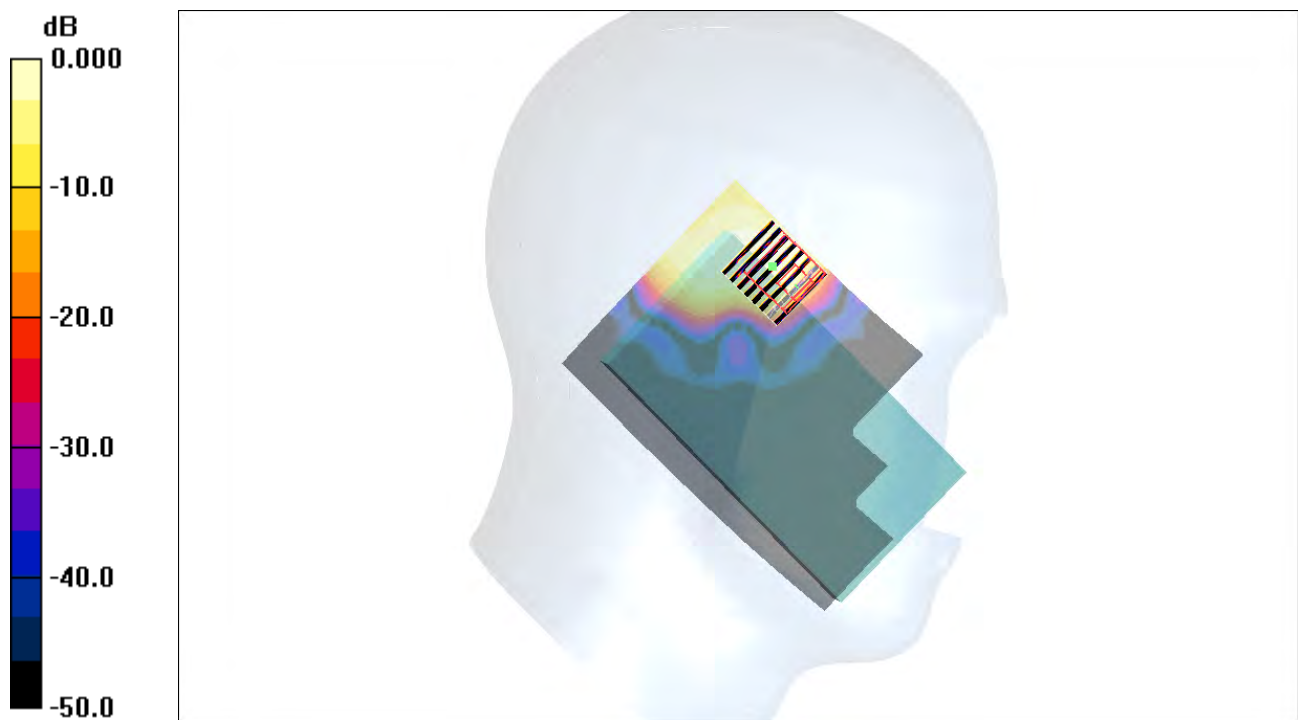
**Ch157/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.577 V/m; Power Drift = -0.151 dB

Peak SAR (extrapolated) = 0.227 W/kg

**SAR(1 g) = 0.038 mW/g; SAR(10 g) = 0.012 mW/g**

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



0 dB = 0.096mW/g



## #117 WLAN5G\_802.11a\_Left Cheek\_Ch157\_Sample2\_Battery2

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_120827 Medium parameters used:  $f = 5785$  MHz;  $\sigma = 5.4$  mho/m;  $\epsilon_r = 34.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.47, 4.47, 4.47); Calibrated: 2011/11/16

- Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3

- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch157/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.267 mW/g

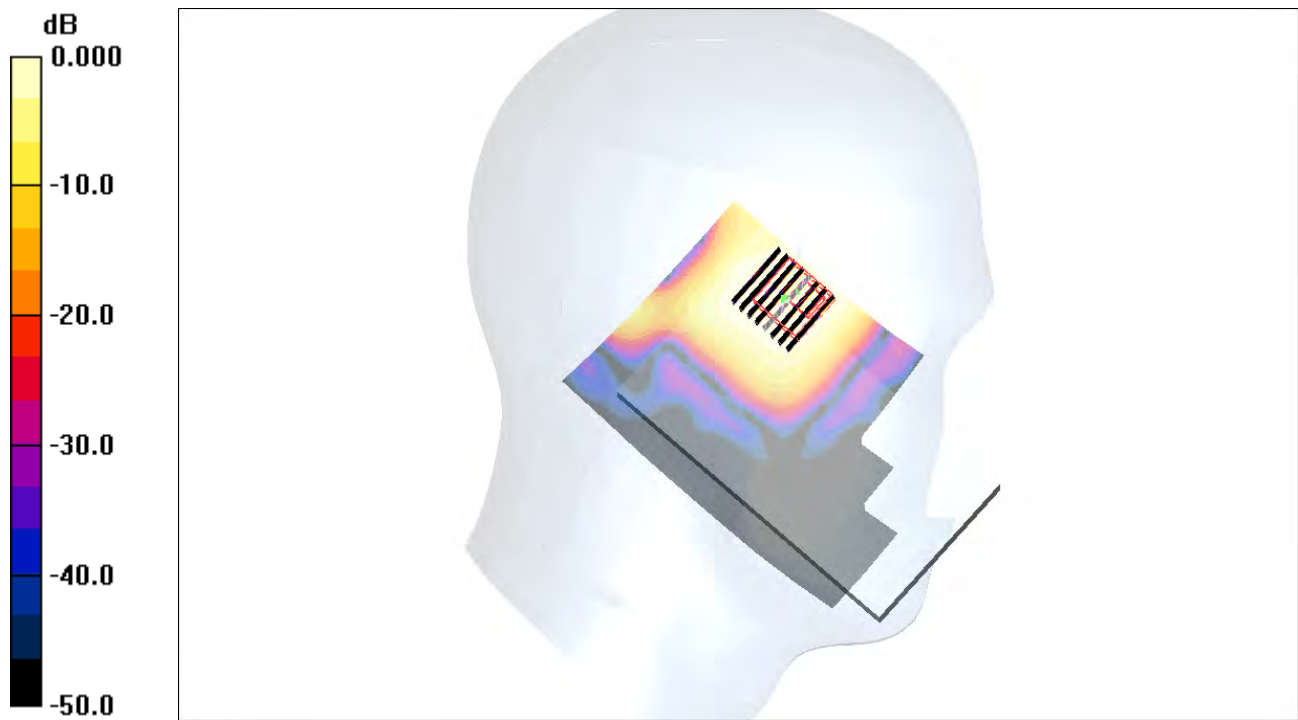
**Ch157/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.19 V/m; Power Drift = -0.187 dB

Peak SAR (extrapolated) = 0.384 W/kg

**SAR(1 g) = 0.048 mW/g; SAR(10 g) = 0.015 mW/g**

Maximum value of SAR (measured) = 0.114 mW/g



0 dB = 0.114mW/g

## #17 GSM850\_GPRS12\_Front\_1cm\_Ch128

**DUT: 280818-01**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: MSL\_850\_120819 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.954$  mho/m;  $\epsilon_r = 54.652$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch128/Area Scan (51x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.328 W/kg

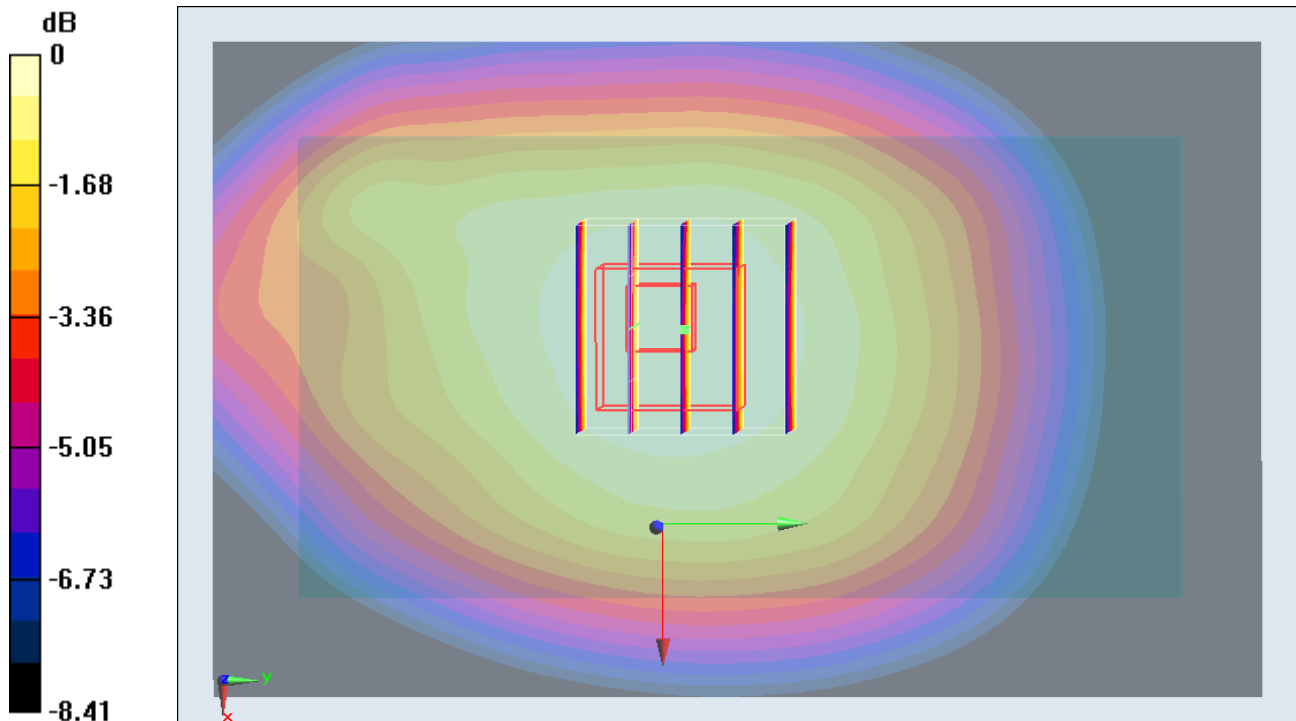
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.864 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.380 mW/g

**SAR(1 g) = 0.312 mW/g; SAR(10 g) = 0.239 mW/g**

Maximum value of SAR (measured) = 0.327 W/kg



0 dB = 0.327 W/kg = -9.71 dB W/kg

### #18 GSM850\_GPRS12\_Back\_1cm\_Ch128

**DUT: 280818-01**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: MSL\_850\_120819 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.954$  mho/m;  $\epsilon_r = 54.652$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

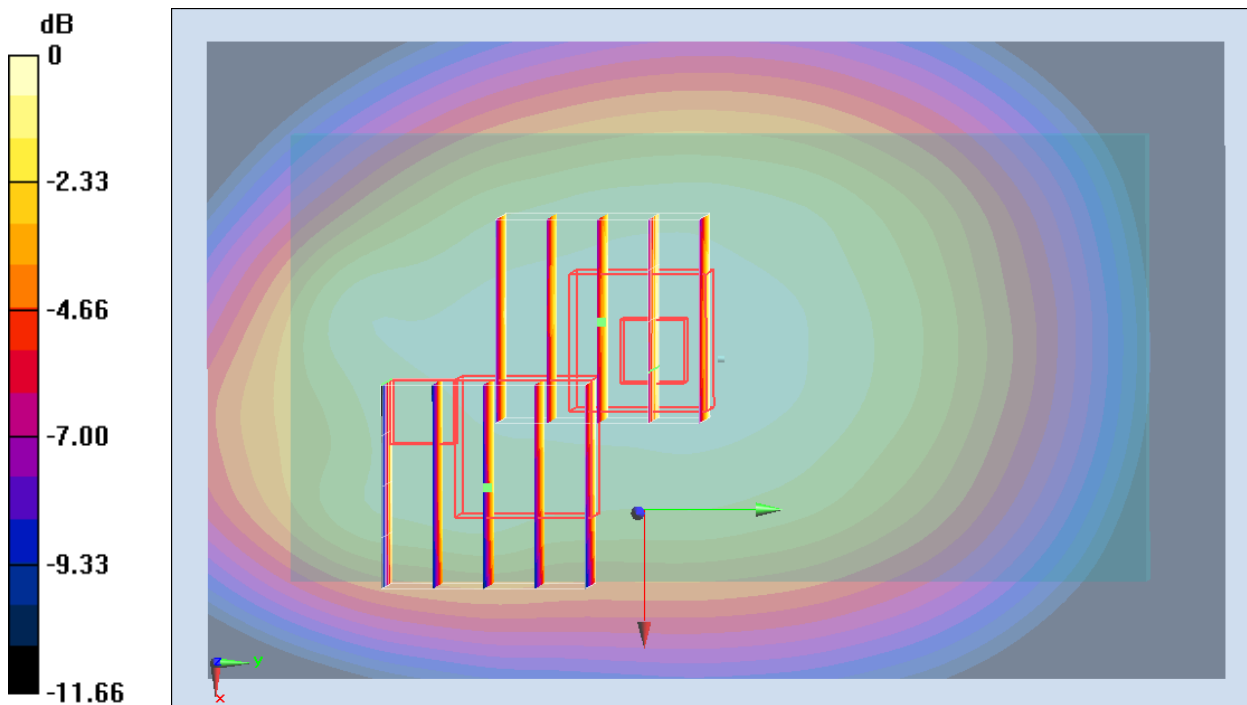
DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch128/Area Scan (51x81x1):** Measurement grid: dx=20 mm, dy=20 mm  
 Maximum value of SAR (interpolated) = 0.348 W/kg

**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 19.730 V/m; Power Drift = 0.01 dB  
 Peak SAR (extrapolated) = 0.410 mW/g  
**SAR(1 g) = 0.335 mW/g; SAR(10 g) = 0.257 mW/g**  
 Maximum value of SAR (measured) = 0.350 W/kg

**Ch128/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 19.730 V/m; Power Drift = 0.01 dB  
 Peak SAR (extrapolated) = 0.588 mW/g  
**SAR(1 g) = 0.305 mW/g; SAR(10 g) = 0.209 mW/g**  
 Maximum value of SAR (measured) = 0.366 W/kg



0 dB = 0.366 W/kg = -8.73 dB W/kg

## #19 GSM850\_GPRS12\_Left Side\_1cm\_Ch128

**DUT: 280818-01**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: MSL\_850\_120819 Medium parameters used :  $f = 824.2$  MHz;  $\sigma = 0.954$  mho/m;  $\epsilon_r = 54.652$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch128/Area Scan (41x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.403 W/kg

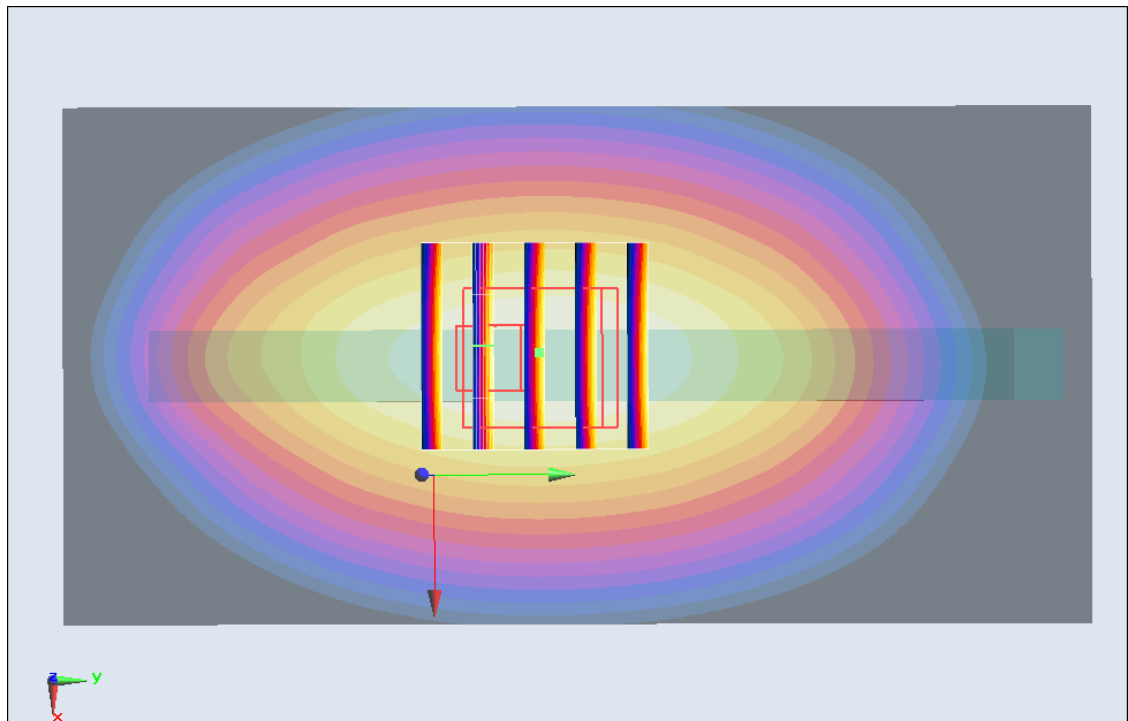
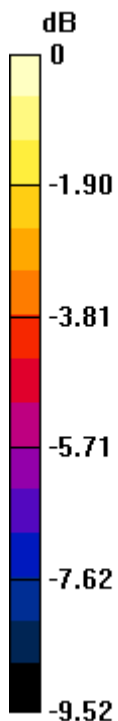
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.317 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.502 mW/g

**SAR(1 g) = 0.364 mW/g; SAR(10 g) = 0.257 mW/g**

Maximum value of SAR (measured) = 0.393 W/kg



0 dB = 0.393 W/kg = -8.11 dB W/kg

### #19 GSM850\_GPRS12\_Left Side\_1cm\_Ch128\_2D

#### DUT: 280818-01

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: MSL\_850\_120819 Medium parameters used :  $f = 824.2$  MHz;  $\sigma = 0.954$  mho/m;  $\epsilon_r = 54.652$ ;  $\rho$

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

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

#### DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch128/Area Scan (41x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.403 W/kg

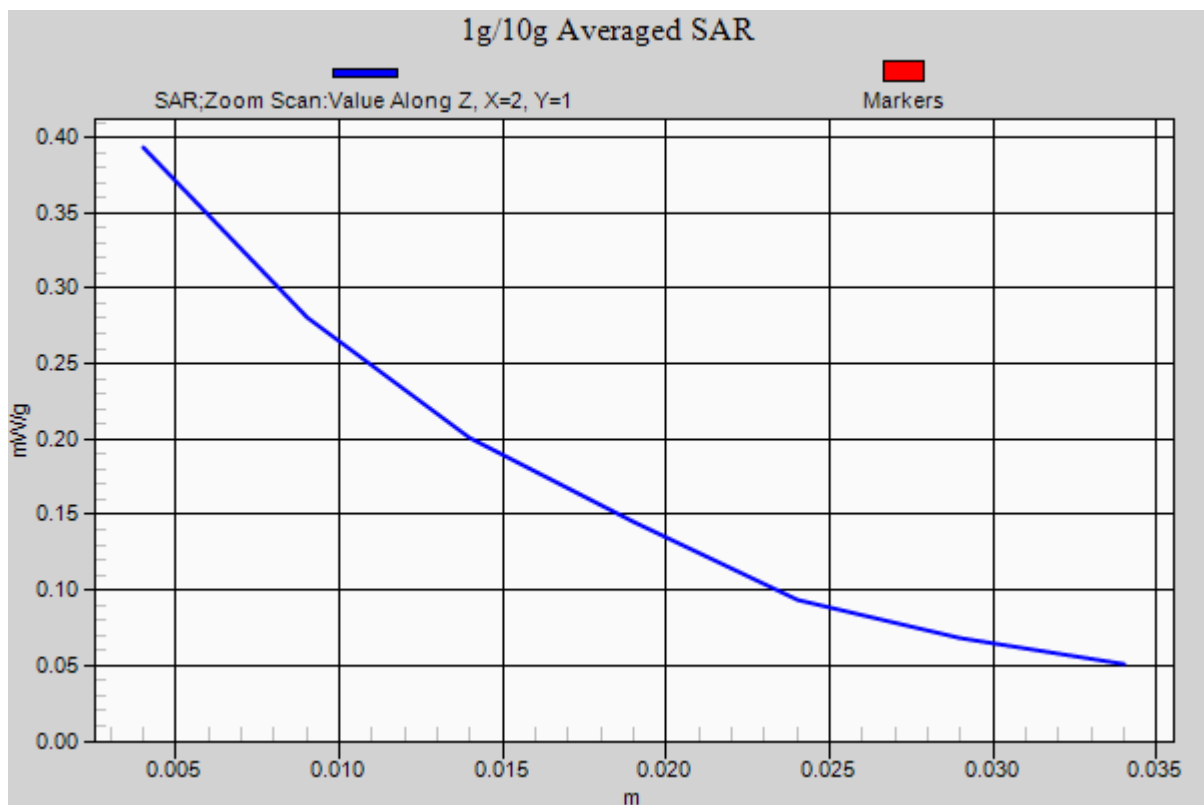
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.317 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.502 mW/g

**SAR(1 g) = 0.364 mW/g; SAR(10 g) = 0.257 mW/g**

Maximum value of SAR (measured) = 0.393 W/kg



## #79 GSM850\_GPRS12\_Left Side\_1cm\_Ch128\_Sample2\_Battery2

**DUT: 280818-01**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: MSL\_850\_120825 Medium parameters used :  $f = 824.2$  MHz;  $\sigma = 0.985$  mho/m;  $\epsilon_r = 55.449$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(5.75, 5.75, 5.75); Calibrated: 2012/1/26;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch128/Area Scan (31x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.457 mW/g

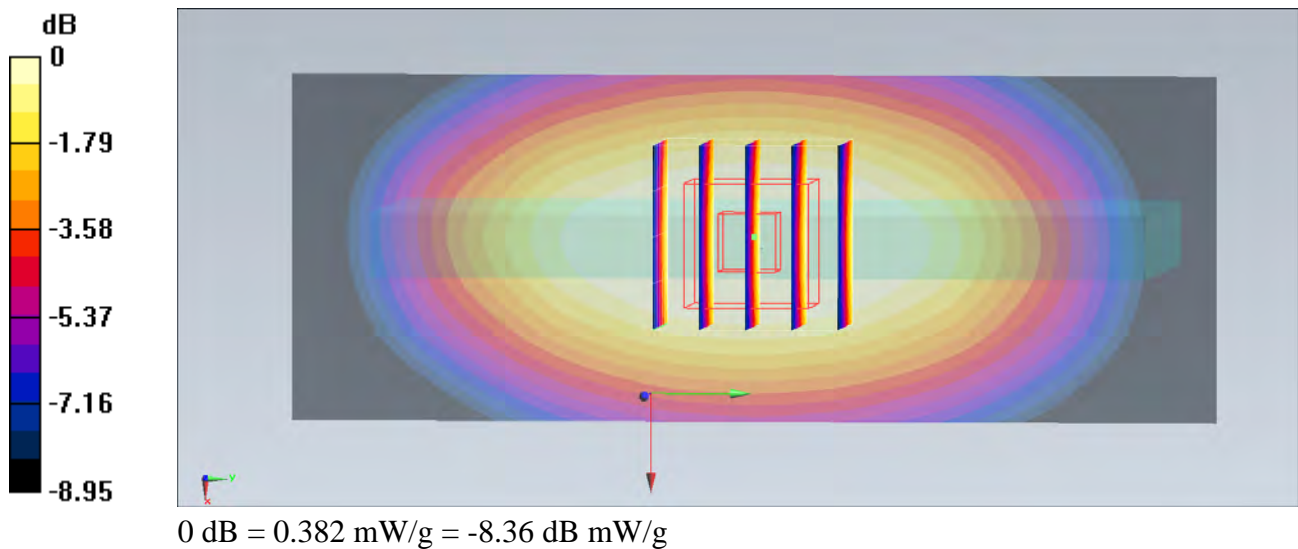
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.627 V/m; Power Drift = -0.184 dB

Peak SAR (extrapolated) = 0.475 mW/g

**SAR(1 g) = 0.361 mW/g; SAR(10 g) = 0.256 mW/g**

Maximum value of SAR (measured) = 0.382 mW/g



## #20 GSM850\_GPRS12\_Right Side\_1cm\_Ch128

**DUT: 280818-01**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: MSL\_850\_120819 Medium parameters used :  $f = 824.2$  MHz;  $\sigma = 0.954$  mho/m;  $\epsilon_r = 54.652$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch128/Area Scan (41x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.264 W/kg

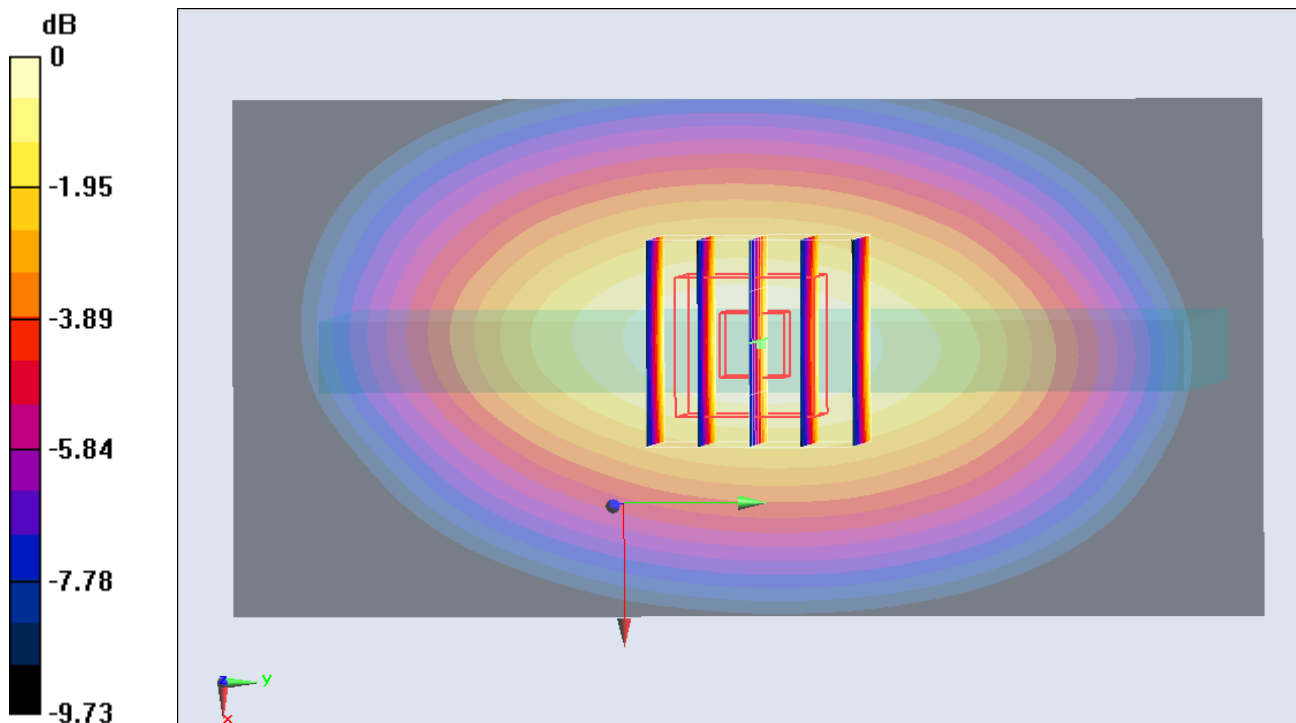
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.186 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.339 mW/g

**SAR(1 g) = 0.245 mW/g; SAR(10 g) = 0.168 mW/g**

Maximum value of SAR (measured) = 0.262 W/kg



0 dB = 0.262 W/kg = -11.63 dB W/kg

## #22 GSM850\_GPRS12\_Bottom Side\_1cm\_Ch128

**DUT: 280818-01**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: MSL\_850\_120819 Medium parameters used :  $f = 824.2$  MHz;  $\sigma = 0.954$  mho/m;  $\epsilon_r = 54.652$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch128/Area Scan (31x51x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.139 W/kg

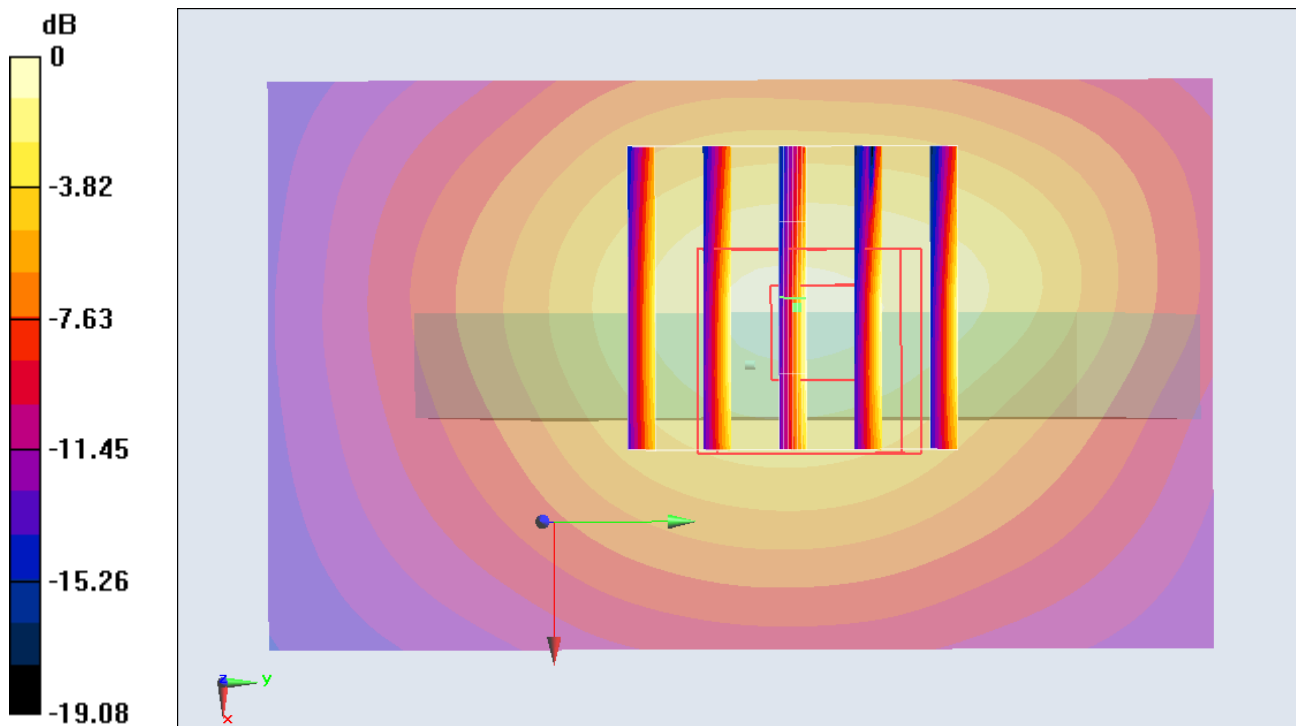
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.298 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.387 mW/g

**SAR(1 g) = 0.169 mW/g; SAR(10 g) = 0.082 mW/g**

Maximum value of SAR (measured) = 0.171 W/kg



0 dB = 0.171 W/kg = -15.34 dB W/kg



## #17 GSM850\_GPRS12\_Front\_1cm\_Ch128

**DUT: 280818-01**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: MSL\_850\_120819 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.954$  mho/m;  $\epsilon_r = 54.652$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch128/Area Scan (51x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.328 W/kg

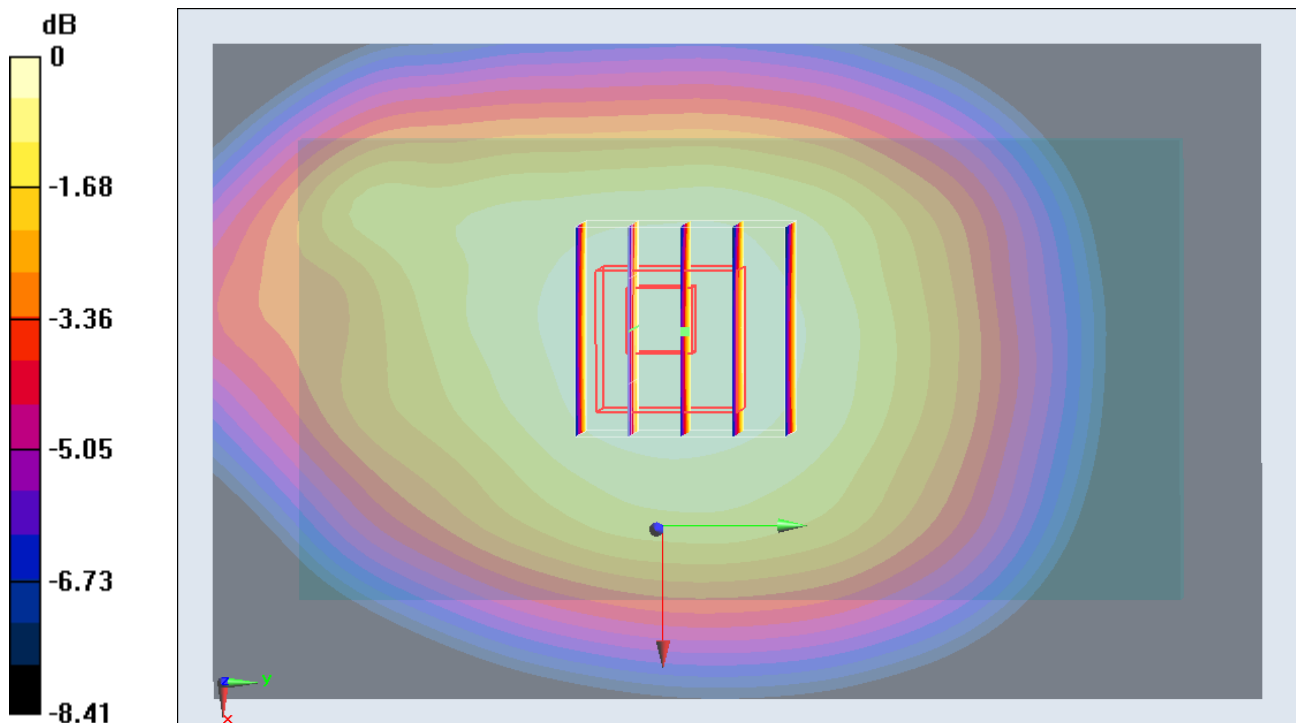
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.864 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.380 mW/g

**SAR(1 g) = 0.312 mW/g; SAR(10 g) = 0.239 mW/g**

Maximum value of SAR (measured) = 0.327 W/kg



0 dB = 0.327 W/kg = -9.71 dB W/kg

### #18 GSM850\_GPRS12\_Back\_1cm\_Ch128

**DUT: 280818-01**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: MSL\_850\_120819 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.954$  mho/m;  $\epsilon_r = 54.652$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch128/Area Scan (51x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.348 W/kg

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

Reference Value = 19.730 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.410 mW/g

**SAR(1 g) = 0.335 mW/g; SAR(10 g) = 0.257 mW/g**

Maximum value of SAR (measured) = 0.350 W/kg

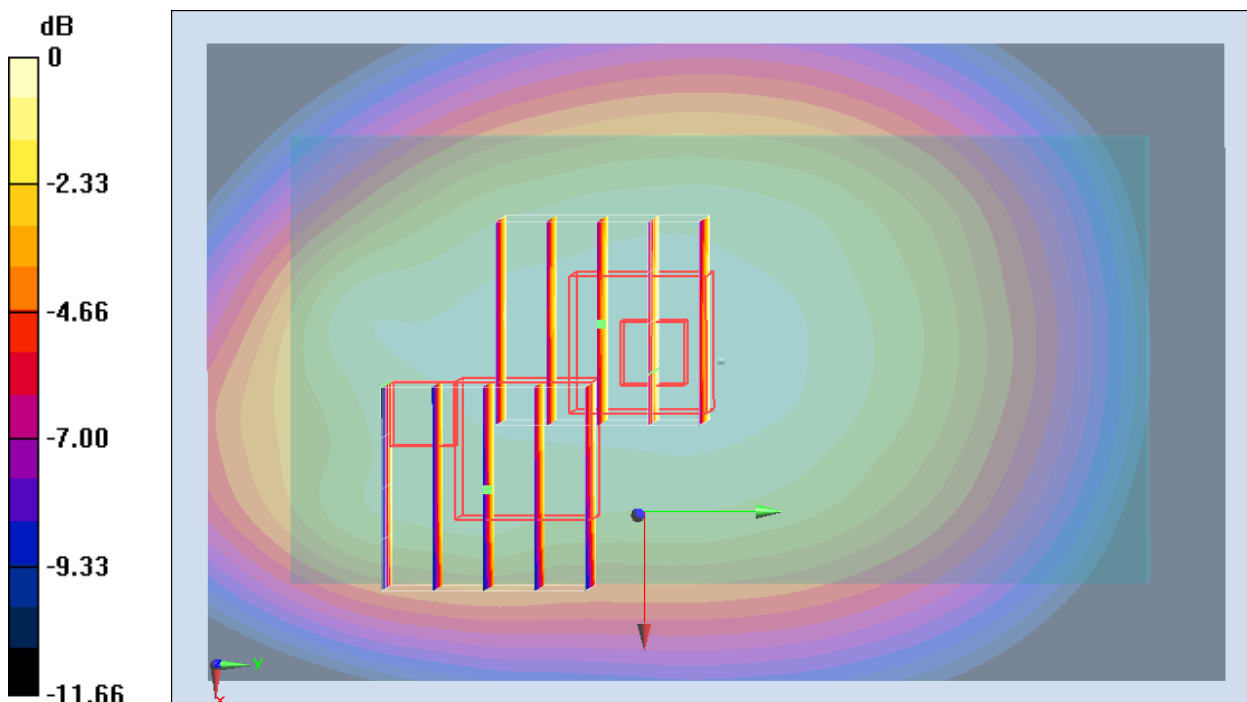
**Ch128/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.730 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.588 mW/g

**SAR(1 g) = 0.305 mW/g; SAR(10 g) = 0.209 mW/g**

Maximum value of SAR (measured) = 0.366 W/kg



0 dB = 0.366 W/kg = -8.73 dB W/kg

#59 GSM850\_GPRS12\_Back\_1cm\_Ch128\_Headset 1

DUT: 280818-01

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: MSL\_850\_120820 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.975$  mho/m;  $\epsilon_r = 54.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(5.75, 5.75, 5.75); Calibrated: 2012/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch128/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.324 mW/g

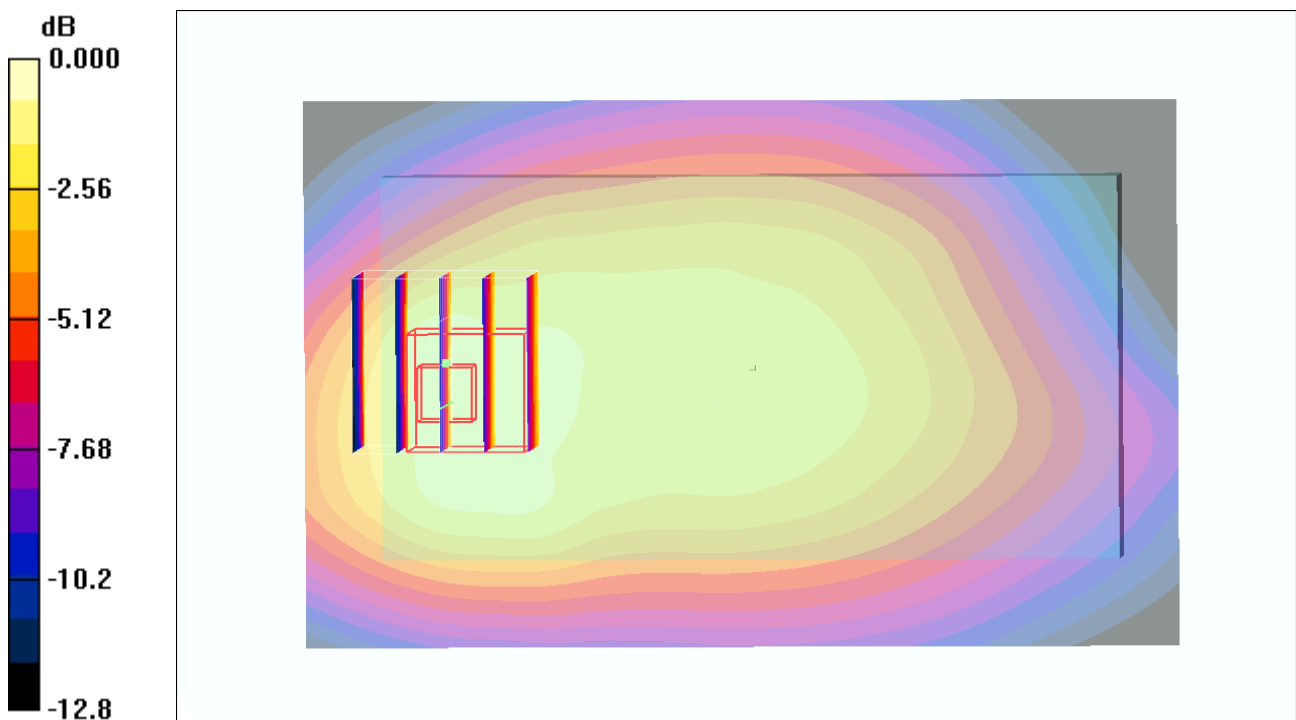
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.1 V/m; Power Drift = 0.100 dB

Peak SAR (extrapolated) = 0.663 W/kg

**SAR(1 g) = 0.361 mW/g; SAR(10 g) = 0.216 mW/g**

Maximum value of SAR (measured) = 0.403 mW/g



0 dB = 0.403mW/g

## #80 GSM850\_GPRS12\_Back\_1cm\_Ch128\_Sample2\_Battery2\_Headset2

**DUT: 280818-01**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: MSL\_850\_120825 Medium parameters used :  $f = 824.2$  MHz;  $\sigma = 0.985$  mho/m;  $\epsilon_r = 55.449$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(5.75, 5.75, 5.75); Calibrated: 2012/1/26;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch128/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.338 mW/g

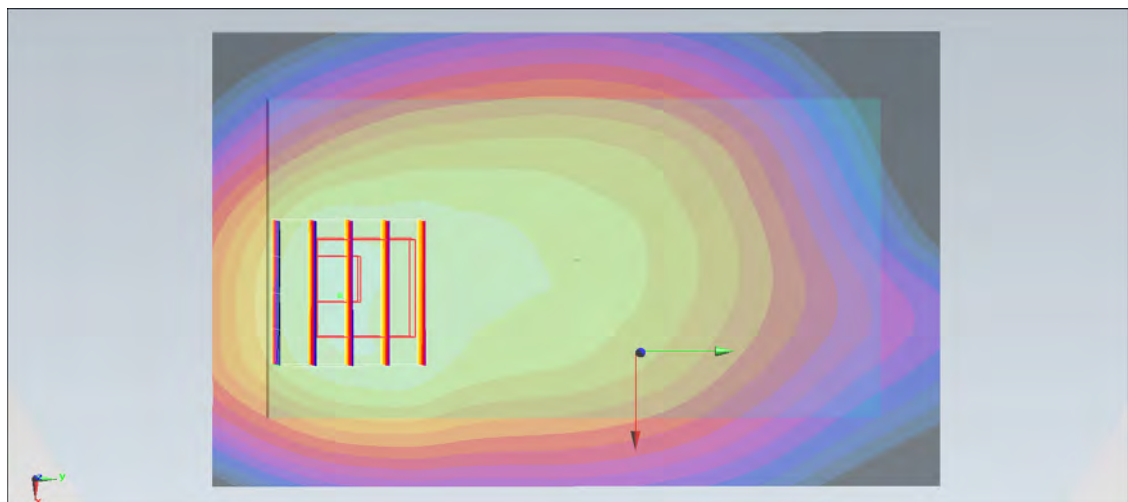
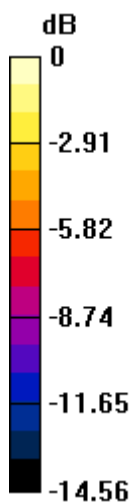
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.138 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.616 mW/g

**SAR(1 g) = 0.356 mW/g; SAR(10 g) = 0.221 mW/g**

Maximum value of SAR (measured) = 0.388 mW/g



0 dB = 0.388 mW/g = -8.22 dB mW/g

### #139 GSM850\_GPRS12\_Back\_1cm\_Ch128\_Sample1\_Battery1\_Headset3

**DUT: 280818-01**

Communication System: GSM850; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: MSL\_850\_120905 Medium parameters used :  $f = 824.2$  MHz;  $\sigma = 0.952$  mho/m;  $\epsilon_r = 54.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(8.99, 8.99, 8.99); Calibrated: 2012/6/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch128/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.306 mW/g

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

Reference Value = 15.3 V/m; Power Drift = -0.101 dB

Peak SAR (extrapolated) = 0.588 W/kg

**SAR(1 g) = 0.326 mW/g; SAR(10 g) = 0.193 mW/g**

Maximum value of SAR (measured) = 0.352 mW/g

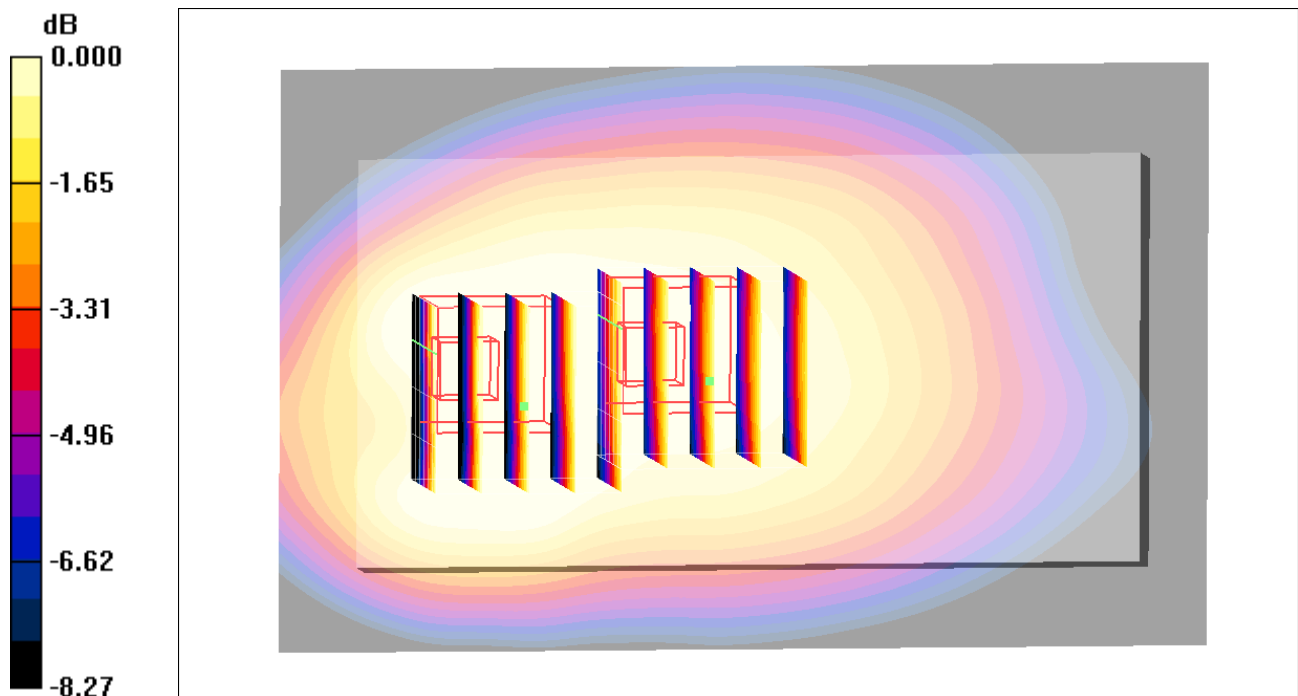
**Ch128/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.3 V/m; Power Drift = -0.101 dB

Peak SAR (extrapolated) = 0.284 W/kg

**SAR(1 g) = 0.222 mW/g; SAR(10 g) = 0.169 mW/g**

Maximum value of SAR (measured) = 0.234 mW/g



0 dB = 0.234mW/g

## #29 GSM1900\_GPRS12\_Front\_1cm\_Ch810

**DUT: 280818-01**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:2

Medium: MSL\_1900\_120819 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.571$  mho/m;  $\epsilon_r = 51.926$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch810/Area Scan (51x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.795 W/kg

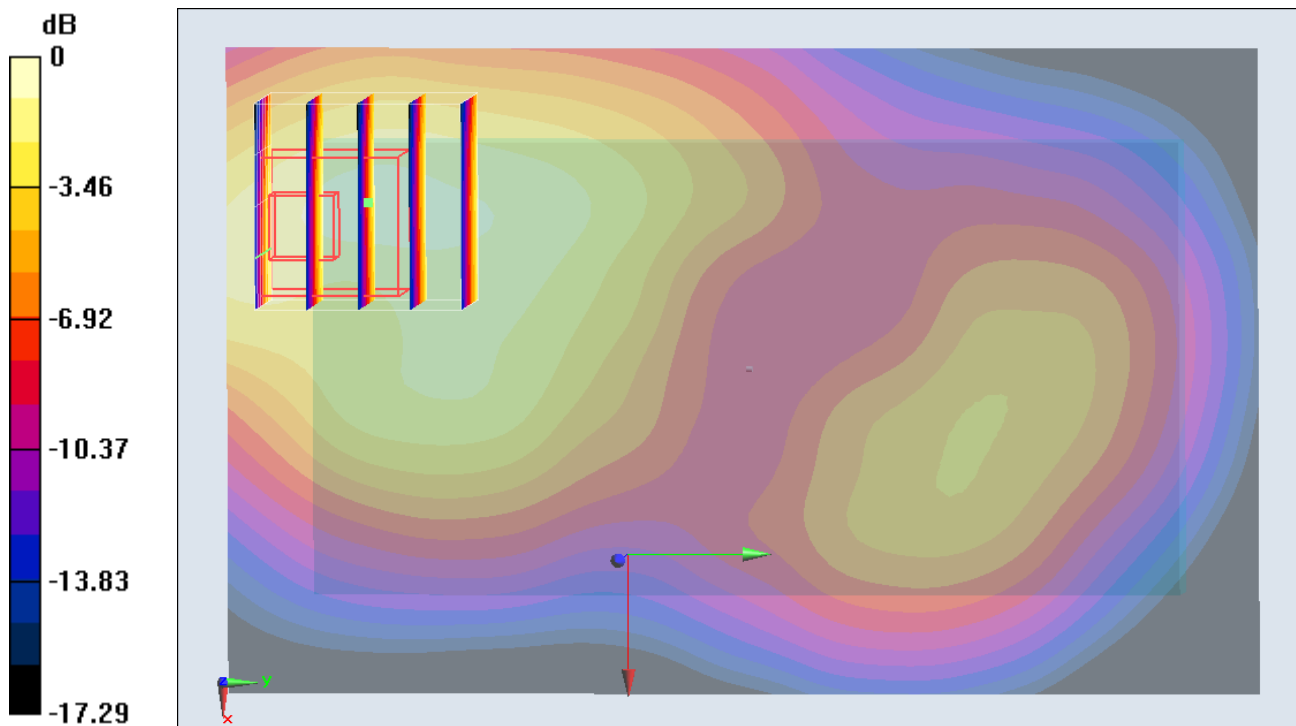
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.839 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.260 mW/g

**SAR(1 g) = 0.770 mW/g; SAR(10 g) = 0.427 mW/g**

Maximum value of SAR (measured) = 0.897 W/kg



0 dB = 0.897 W/kg = -0.94 dB W/kg

### #30 GSM1900\_GPRS12\_Back\_1cm\_Ch512

**DUT: 280818-01**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:2

Medium: MSL\_1900\_120819 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 52.148$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch512/Area Scan (51x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 1.46 W/kg

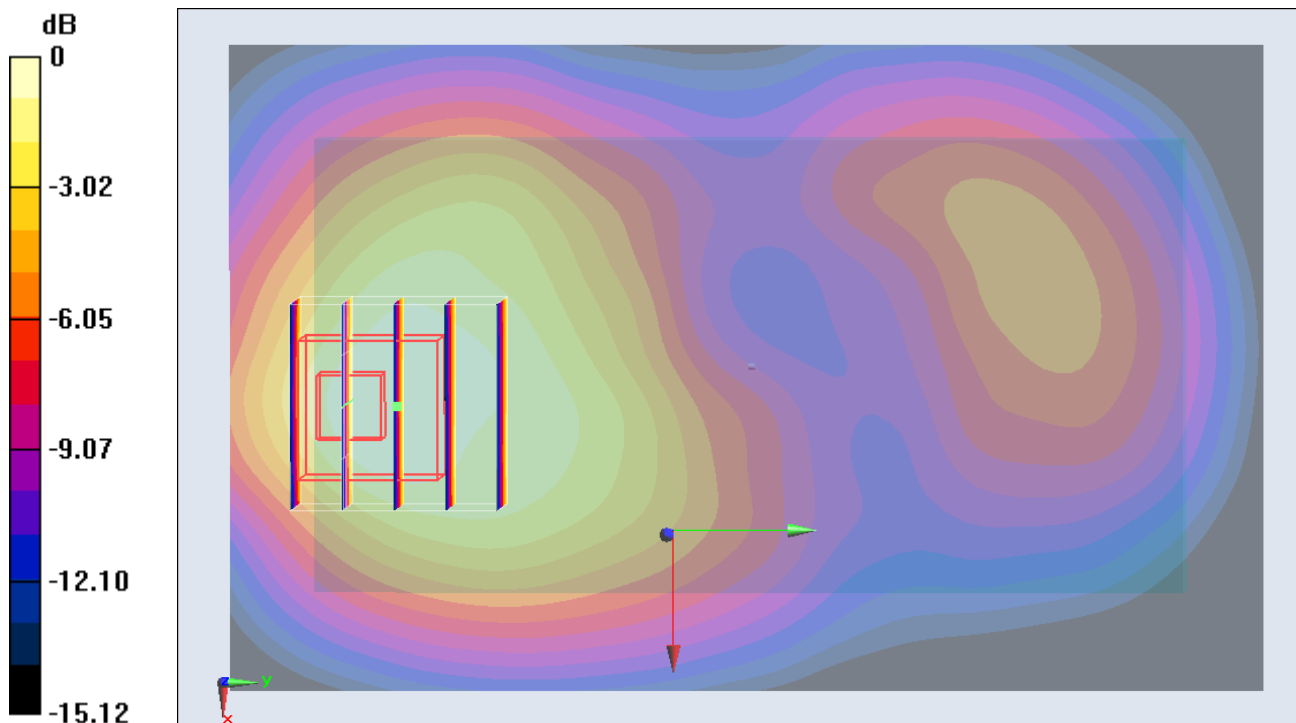
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.623 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.749 mW/g

**SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.670 mW/g**

Maximum value of SAR (measured) = 1.29 W/kg



0 dB = 1.29 W/kg = 2.21 dB W/kg

### #31 GSM1900\_GPRS12\_Back\_1cm\_Ch661

**DUT: 280818-01**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:2

Medium: MSL\_1900\_120819 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.535$  mho/m;  $\epsilon_r = 52.043$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch661/Area Scan (51x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 1.42 W/kg

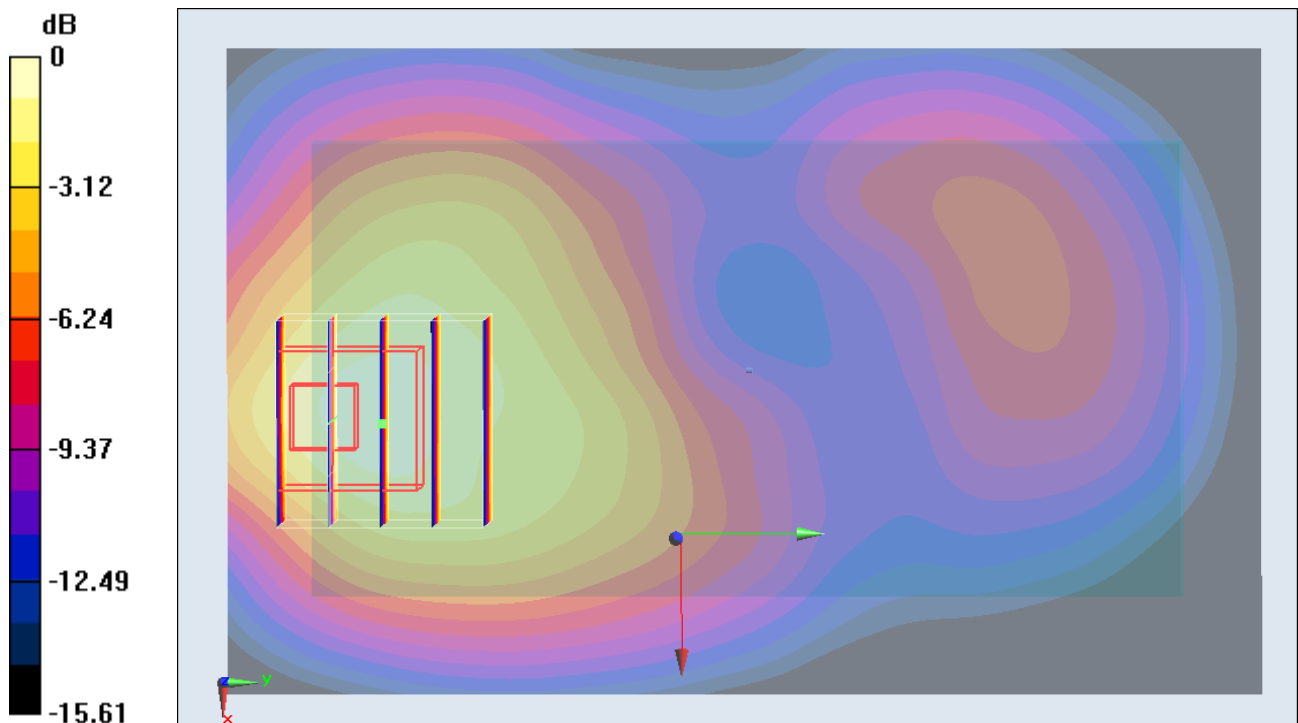
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.239 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 2.028 mW/g

**SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.729 mW/g**

Maximum value of SAR (measured) = 1.45 W/kg



0 dB = 1.45 W/kg = 3.23 dB W/kg



## #32 GSM1900\_GPRS12\_Back\_1cm\_Ch810

**DUT: 280818-01**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:2

Medium: MSL\_1900\_120819 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.571$  mho/m;  $\epsilon_r = 51.926$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch810/Area Scan (51x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 1.56 W/kg

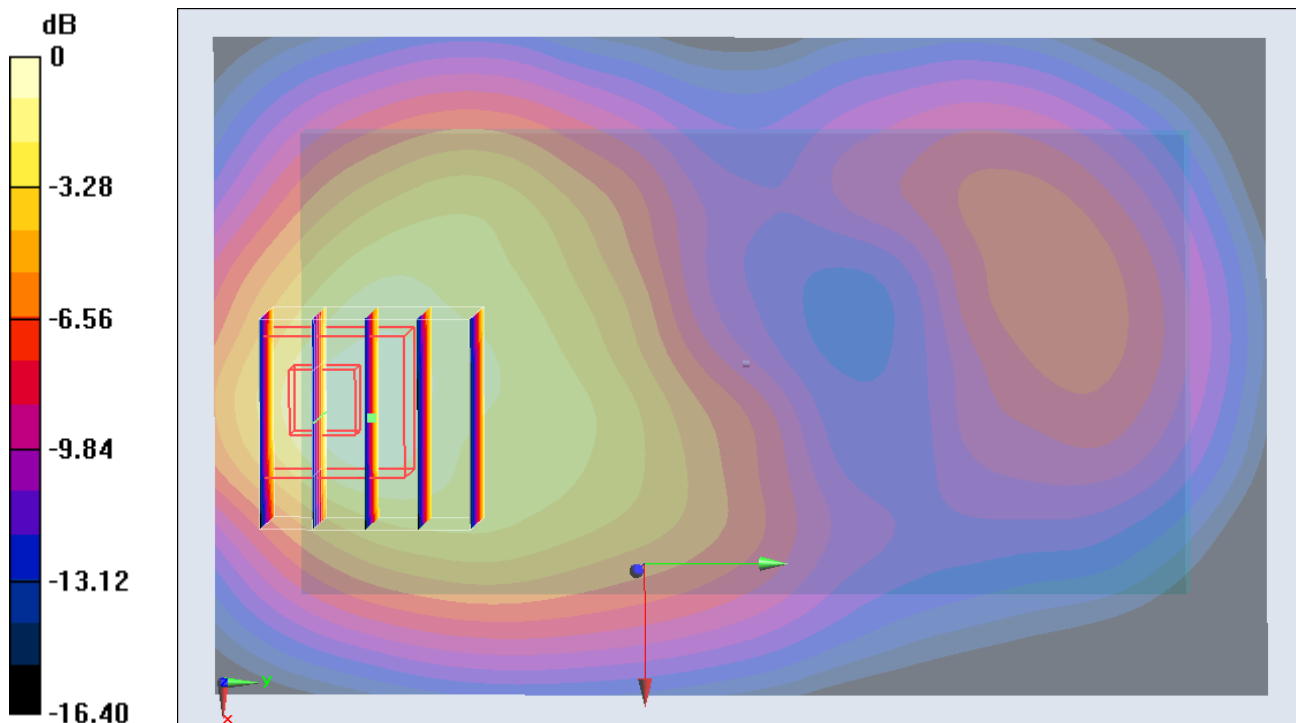
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.176 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.111 mW/g

**SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.727 mW/g**

Maximum value of SAR (measured) = 1.49 W/kg



0 dB = 1.49 W/kg = 3.46 dB W/kg

### #32 GSM1900\_GPRS12\_Back\_1cm\_Ch810\_2D

**DUT: 280818-01**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:2

Medium: MSL\_1900\_120819 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.571$  mho/m;  $\epsilon_r = 51.926$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch810/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.56 W/kg

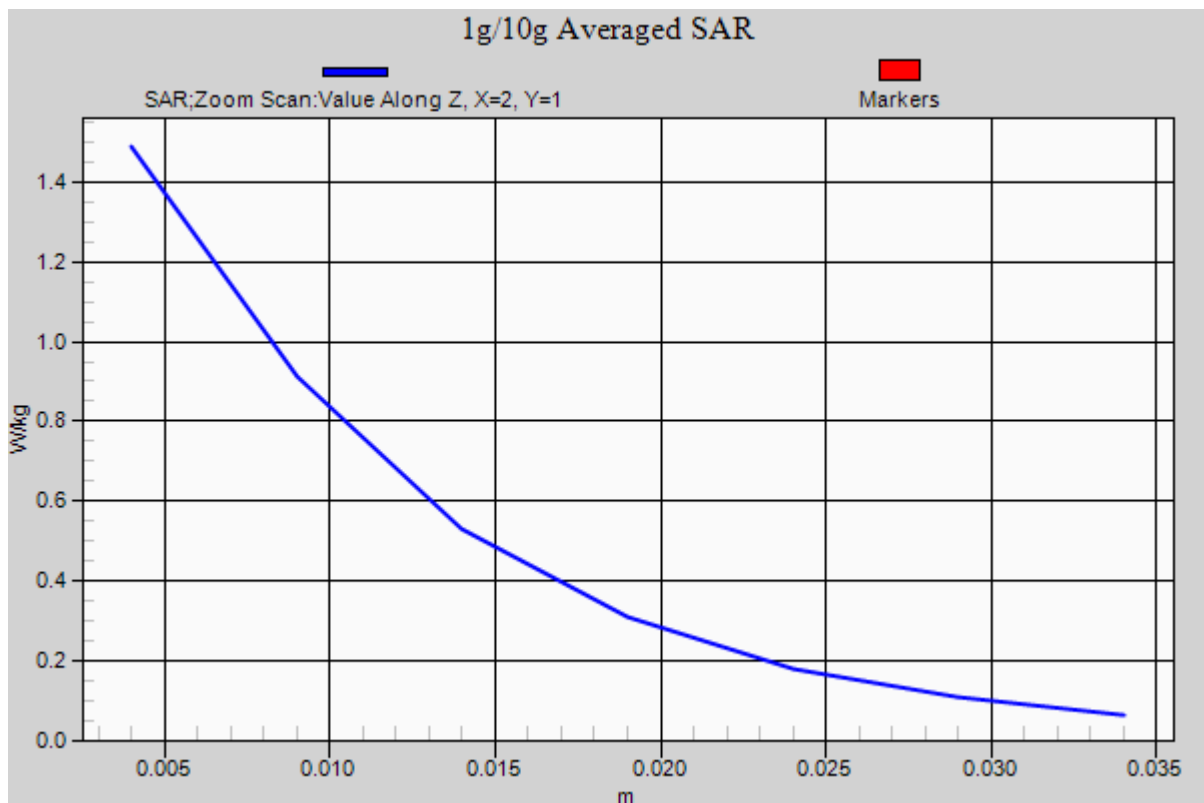
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.176 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.111 mW/g

**SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.727 mW/g**

Maximum value of SAR (measured) = 1.49 W/kg



## #73 GSM1900\_GPRS12\_Back\_1cm\_Ch512\_Sample2\_Battery2

**DUT: 280818-01**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:2

Medium: MSL\_1900\_120825 Medium parameters used :  $f = 1850.2$  MHz;  $\sigma = 1.445$  mho/m;  $\epsilon_r = 54.987$ ;

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

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch512/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.37 mW/g

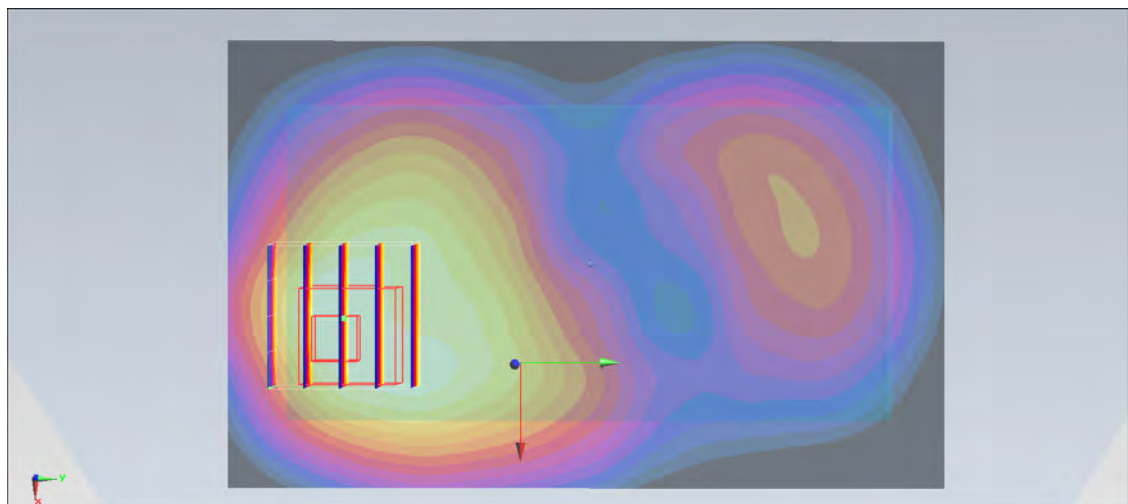
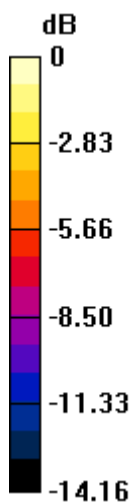
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.400 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.701 mW/g

**SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.645 mW/g**

Maximum value of SAR (measured) = 1.17 mW/g



0 dB = 1.17 mW/g = 1.36 dB mW/g

## #74 GSM1900\_GPRS12\_Back\_1cm\_Ch661\_Sample2\_Battery2

**DUT: 280818-01**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:2

Medium: MSL\_1900\_120825 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.477$  mho/m;  $\epsilon_r = 54.871$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch661/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.39 mW/g

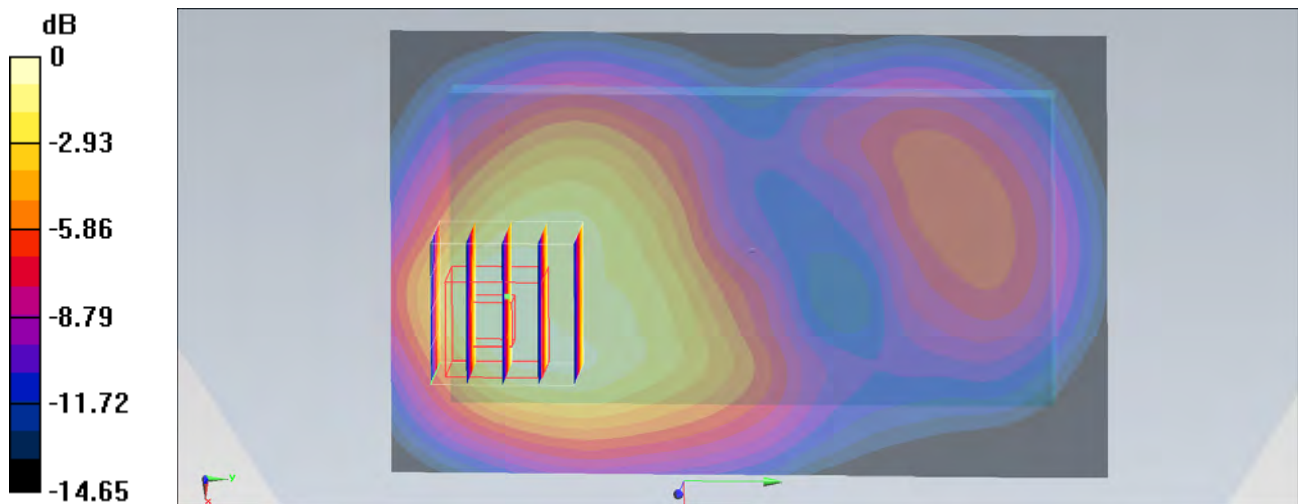
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.236 V/m; Power Drift = -0.122 dB

Peak SAR (extrapolated) = 1.819 mW/g

**SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.652 mW/g**

Maximum value of SAR (measured) = 1.22 mW/g



0 dB = 1.22 mW/g = 1.73 dB mW/g

## #75 GSM1900\_GPRS12\_Back\_1cm\_Ch810\_Sample2\_Battery2

**DUT: 280818-01**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:2

Medium: MSL\_1900\_120825 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.513$  mho/m;  $\epsilon_r = 54.838$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch810/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.47 mW/g

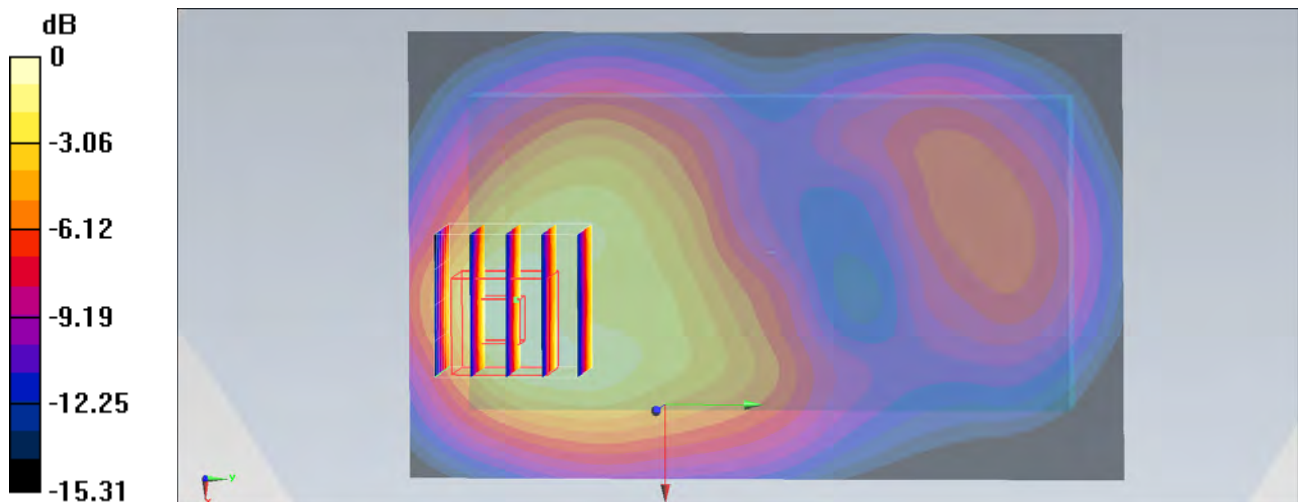
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.864 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.994 mW/g

**SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.696 mW/g**

Maximum value of SAR (measured) = 1.32 mW/g



0 dB = 1.32 mW/g = 2.41 dB mW/g

### #33 GSM1900\_GPRS12\_Left Side\_1cm\_Ch810

**DUT: 280818-01**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:2

Medium: MSL\_1900\_120819 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.571$  mho/m;  $\epsilon_r = 51.926$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch810/Area Scan (31x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.347 W/kg

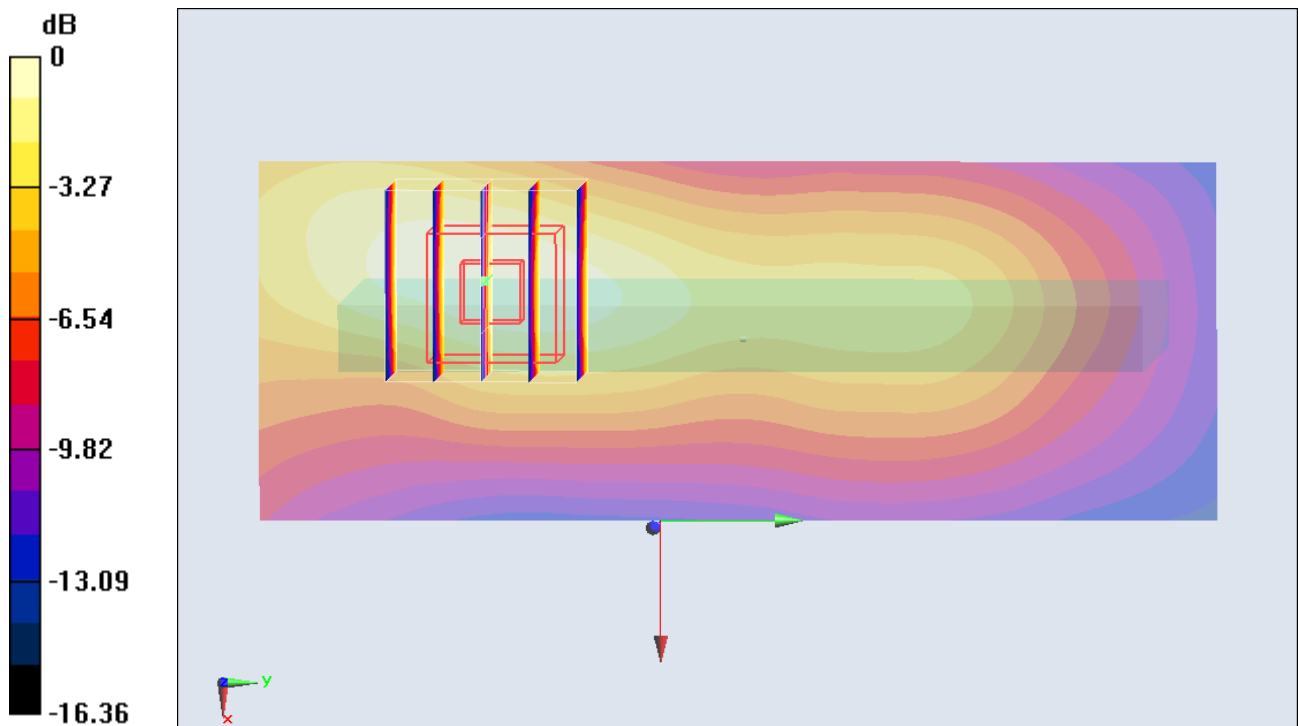
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.347 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.490 mW/g

**SAR(1 g) = 0.319 mW/g; SAR(10 g) = 0.187 mW/g**

Maximum value of SAR (measured) = 0.342 W/kg



0 dB = 0.342 W/kg = -9.32 dB W/kg

### #34 GSM1900\_GPRS12\_Right Side\_1cm\_Ch810

**DUT: 280818-01**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:2

Medium: MSL\_1900\_120819 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.571$  mho/m;  $\epsilon_r = 51.926$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch810/Area Scan (31x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.186 W/kg

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

Reference Value = 7.519 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.265 mW/g

**SAR(1 g) = 0.173 mW/g; SAR(10 g) = 0.105 mW/g**

Maximum value of SAR (measured) = 0.184 W/kg

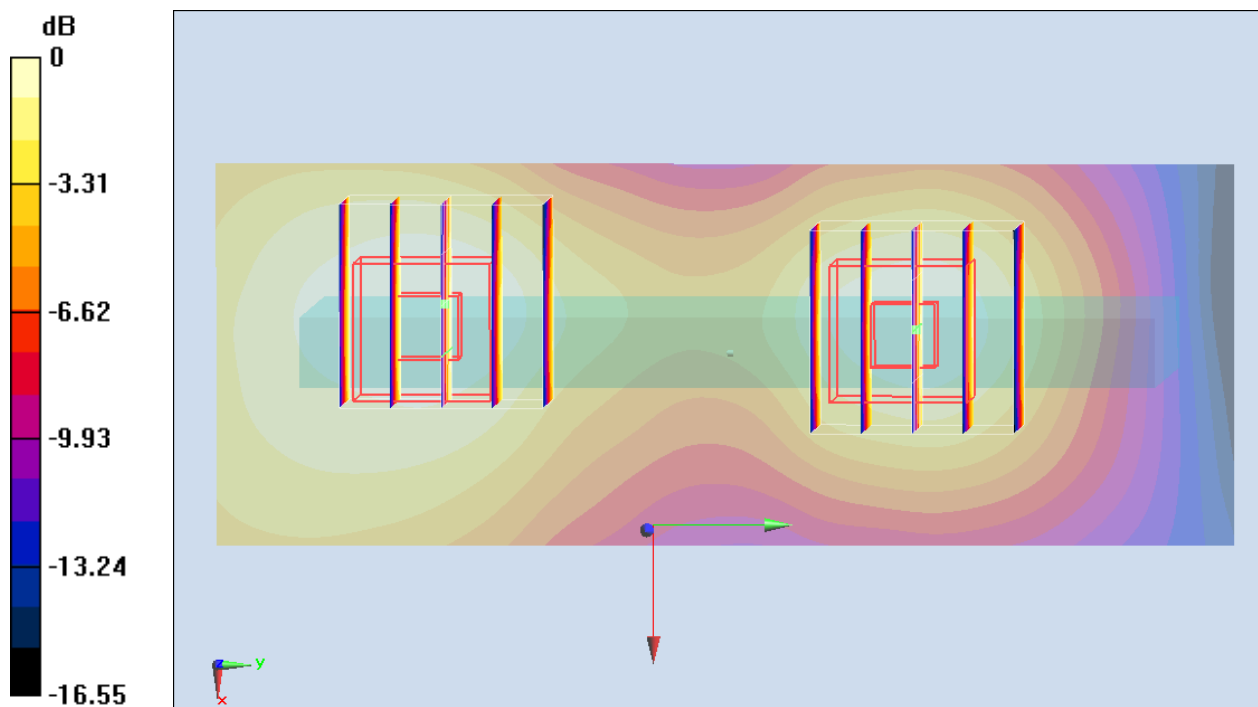
**Ch810/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.519 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.245 mW/g

**SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.096 mW/g**

Maximum value of SAR (measured) = 0.174 W/kg



0 dB = 0.174 W/kg = -15.19 dB W/kg

## #36 GSM1900\_GPRS12\_Bottom Side\_1cm\_Ch512

**DUT: 280818-01**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:2

Medium: MSL\_1900\_120819 Medium parameters used :  $f = 1850.2$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 52.148$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch512/Area Scan (31x51x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.953 W/kg

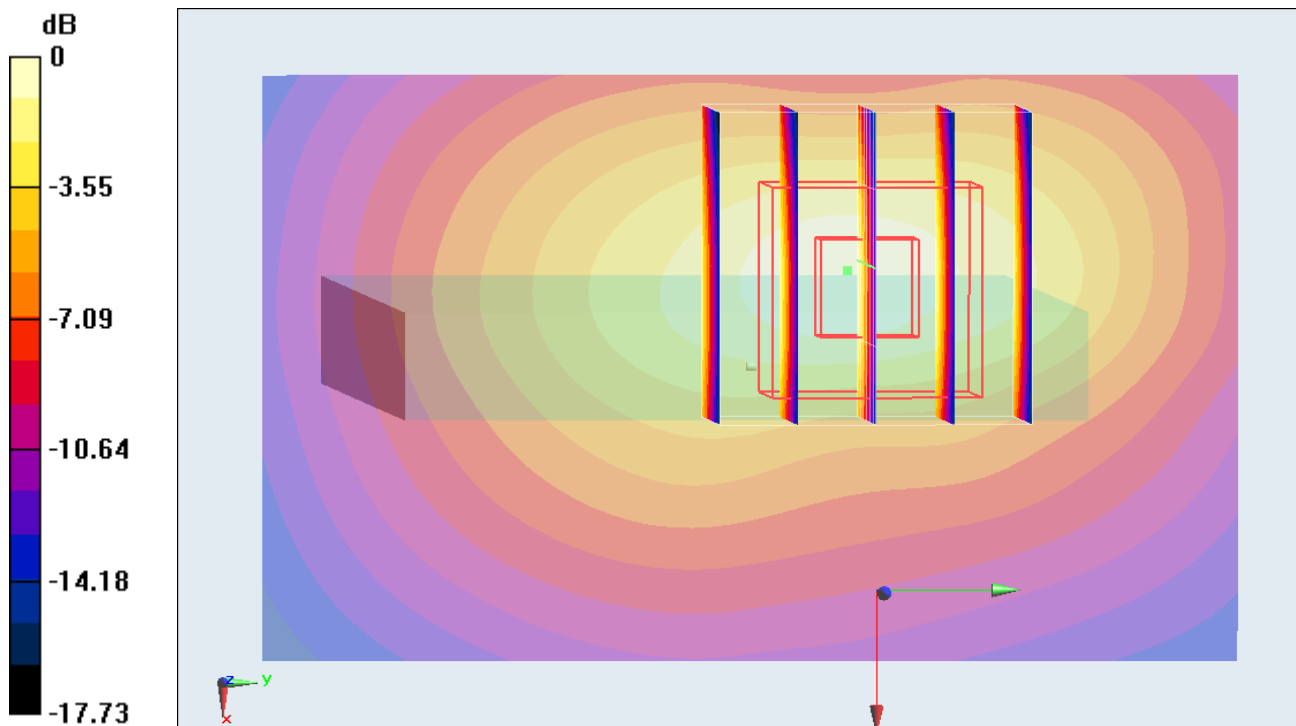
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.354 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.371 mW/g

**SAR(1 g) = 0.863 mW/g; SAR(10 g) = 0.469 mW/g**

Maximum value of SAR (measured) = 0.943 W/kg





### #37 GSM1900\_GPRS12\_Bottom Side\_1cm\_Ch661

**DUT: 280818-01**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:2

Medium: MSL\_1900\_120819 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.535$  mho/m;  $\epsilon_r = 52.043$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch661/Area Scan (31x51x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 1.14 W/kg

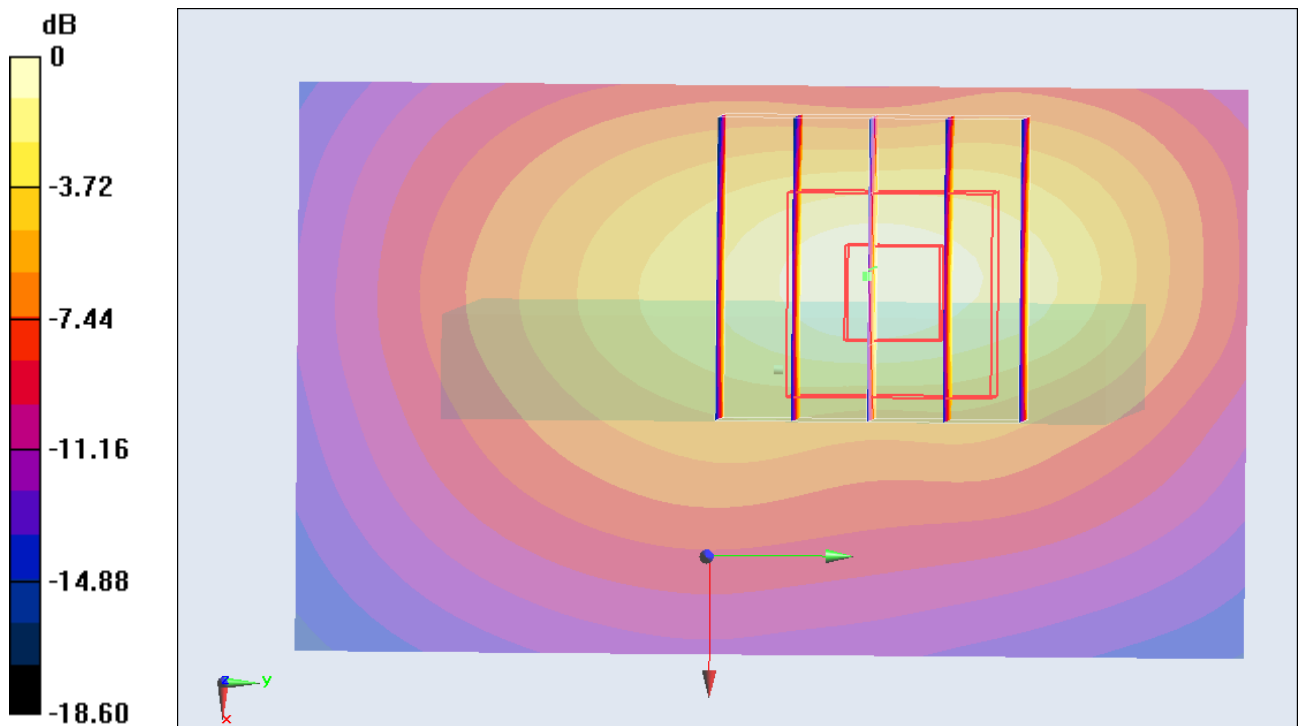
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.824 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.660 mW/g

**SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.544 mW/g**

Maximum value of SAR (measured) = 1.12 W/kg



0 dB = 1.12 W/kg = 0.98 dB W/kg

### #38 GSM1900\_GPRS12\_Bottom Side\_1cm\_Ch810

**DUT: 280818-01**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:2

Medium: MSL\_1900\_120819 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.571$  mho/m;  $\epsilon_r = 51.926$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch810/Area Scan (31x51x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 1.20 W/kg

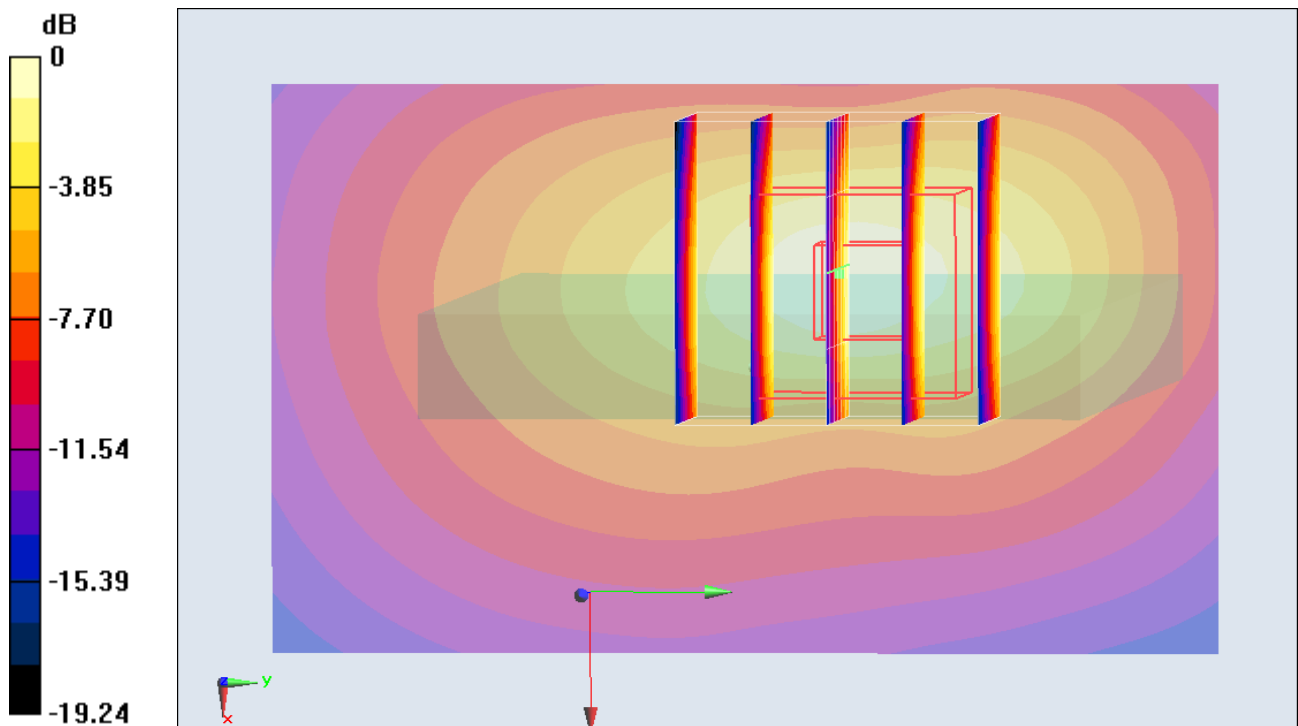
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.642 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.792 mW/g

**SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.559 mW/g**

Maximum value of SAR (measured) = 1.18 W/kg



0 dB = 1.18 W/kg = 1.44 dB W/kg

## #29 GSM1900\_GPRS12\_Front\_1cm\_Ch810

**DUT: 280818-01**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:2

Medium: MSL\_1900\_120819 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.571$  mho/m;  $\epsilon_r = 51.926$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch810/Area Scan (51x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.795 W/kg

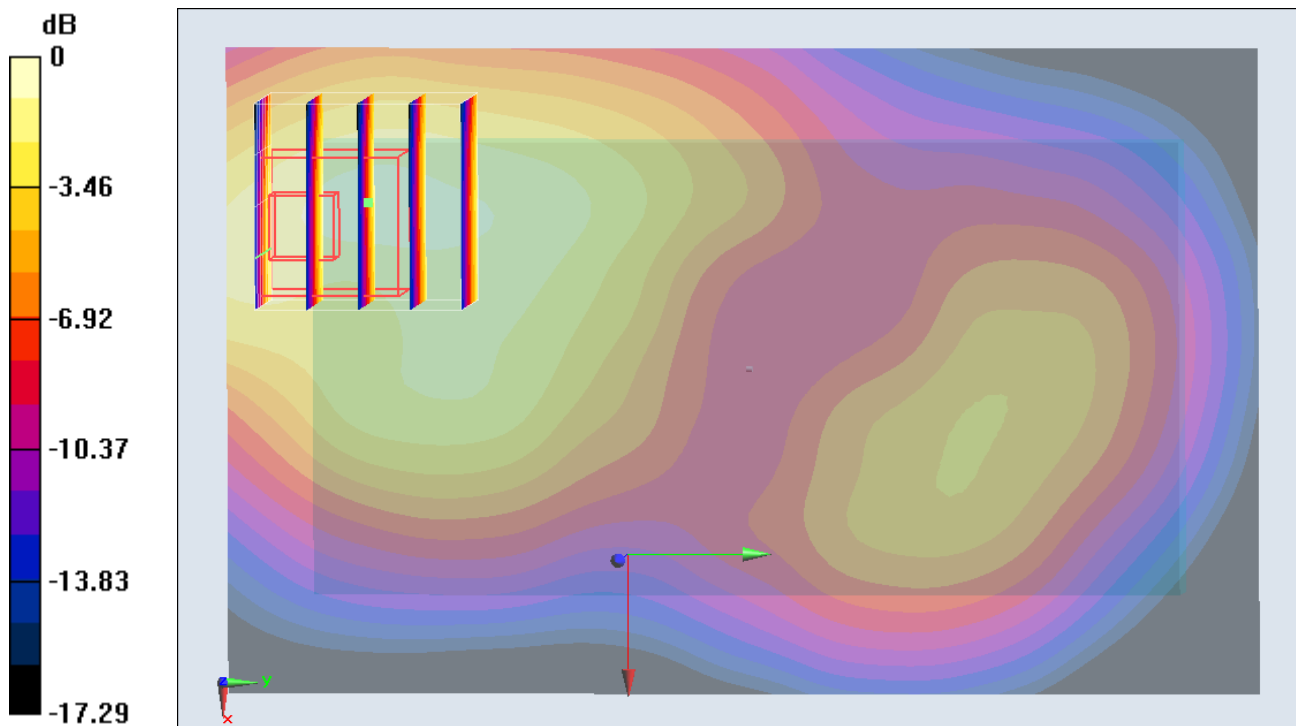
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.839 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.260 mW/g

**SAR(1 g) = 0.770 mW/g; SAR(10 g) = 0.427 mW/g**

Maximum value of SAR (measured) = 0.897 W/kg



0 dB = 0.897 W/kg = -0.94 dB W/kg

### #30 GSM1900\_GPRS12\_Back\_1cm\_Ch512

**DUT: 280818-01**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:2

Medium: MSL\_1900\_120819 Medium parameters used:  $f = 1850.2 \text{ MHz}$ ;  $\sigma = 1.5 \text{ mho/m}$ ;  $\epsilon_r = 52.148$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch512/Area Scan (51x81x1):** Measurement grid:  $dx=20 \text{ mm}$ ,  $dy=20 \text{ mm}$

Maximum value of SAR (interpolated) =  $1.46 \text{ W/kg}$

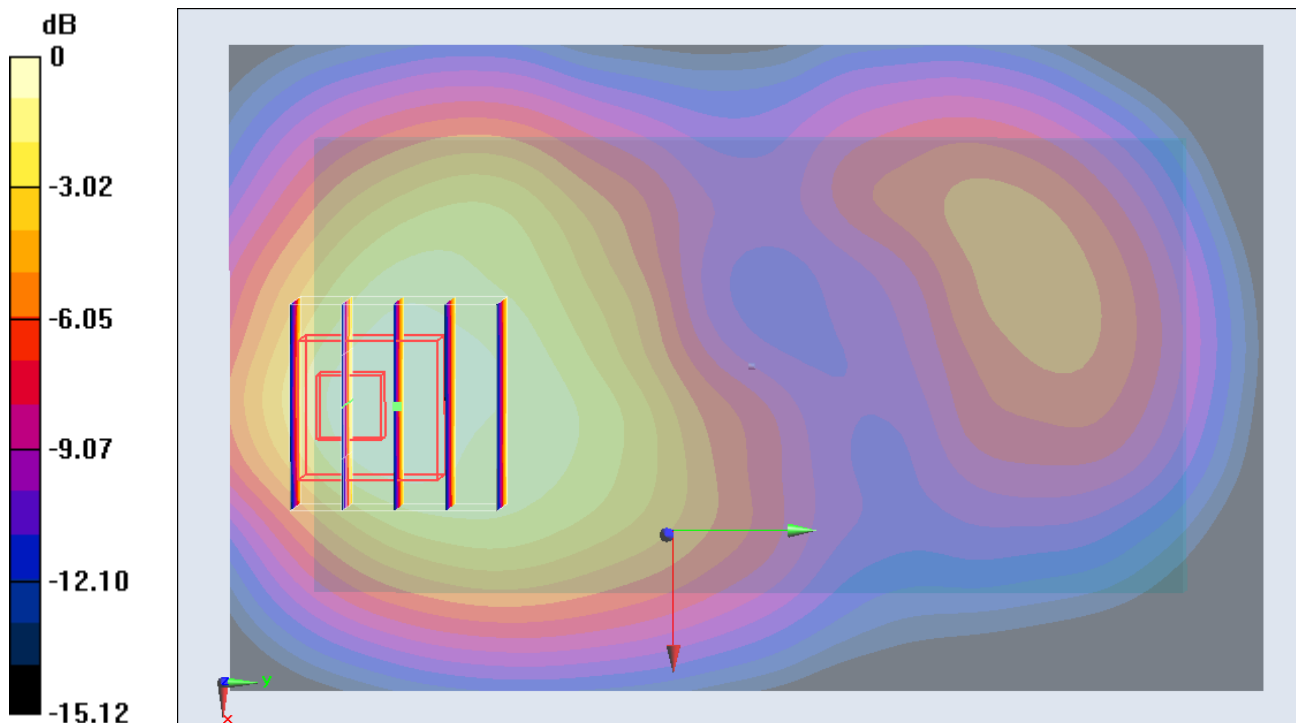
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $11.623 \text{ V/m}$ ; Power Drift =  $-0.08 \text{ dB}$

Peak SAR (extrapolated) =  $1.749 \text{ mW/g}$

**SAR(1 g) =  $1.14 \text{ mW/g}$ ; SAR(10 g) =  $0.670 \text{ mW/g}$**

Maximum value of SAR (measured) =  $1.29 \text{ W/kg}$



0 dB =  $1.29 \text{ W/kg} = 2.21 \text{ dB W/kg}$

### #31 GSM1900\_GPRS12\_Back\_1cm\_Ch661

**DUT: 280818-01**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:2

Medium: MSL\_1900\_120819 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.535$  mho/m;  $\epsilon_r = 52.043$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch661/Area Scan (51x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 1.42 W/kg

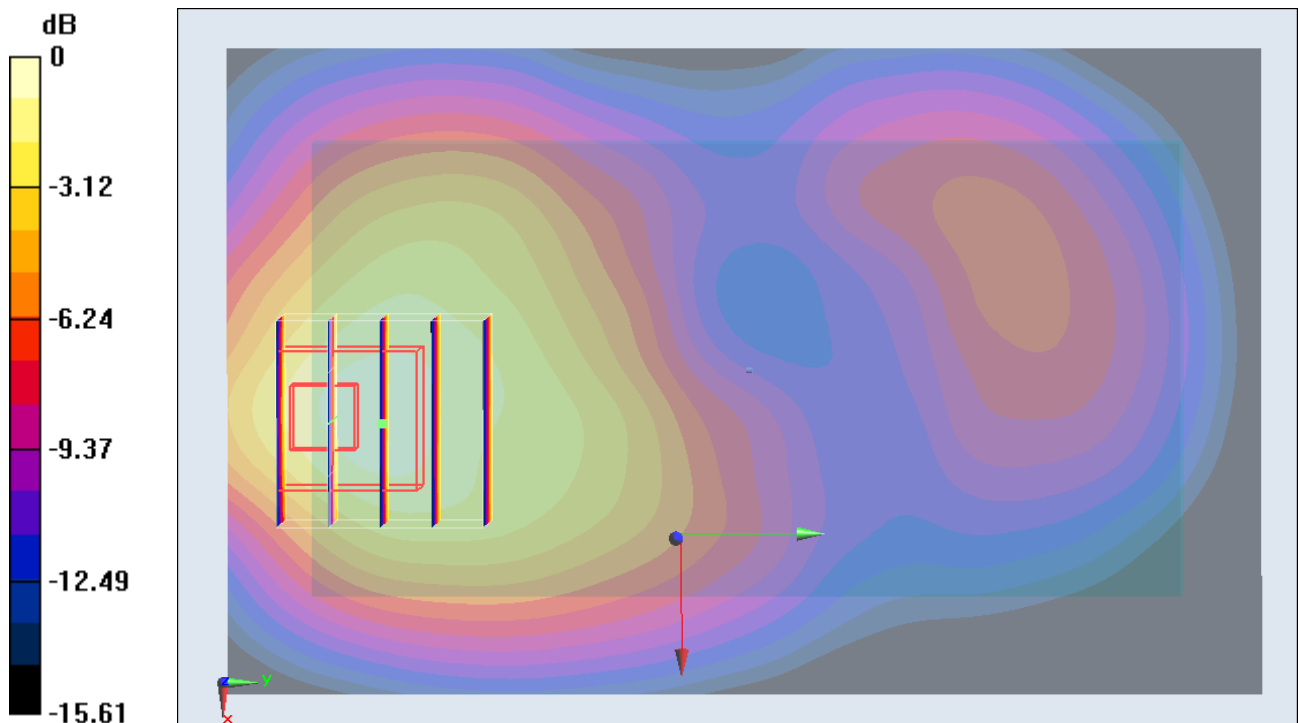
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.239 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 2.028 mW/g

**SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.729 mW/g**

Maximum value of SAR (measured) = 1.45 W/kg



0 dB = 1.45 W/kg = 3.23 dB W/kg

## #32 GSM1900\_GPRS12\_Back\_1cm\_Ch810

**DUT: 280818-01**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:2

Medium: MSL\_1900\_120819 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.571$  mho/m;  $\epsilon_r = 51.926$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch810/Area Scan (51x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 1.56 W/kg

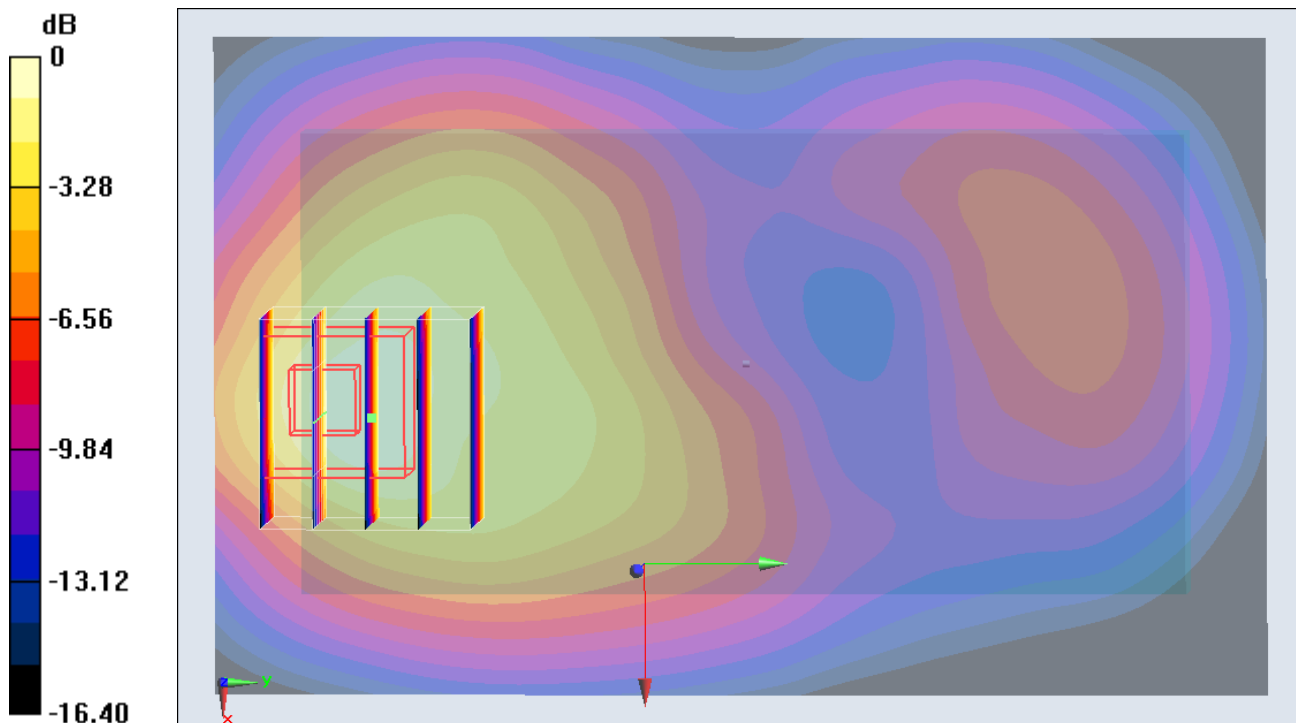
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.176 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.111 mW/g

**SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.727 mW/g**

Maximum value of SAR (measured) = 1.49 W/kg



0 dB = 1.49 W/kg = 3.46 dB W/kg

## #73 GSM1900\_GPRS12\_Back\_1cm\_Ch512\_Sample2\_Battery2

**DUT: 280818-01**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:2

Medium: MSL\_1900\_120825 Medium parameters used :  $f = 1850.2$  MHz;  $\sigma = 1.445$  mho/m;  $\epsilon_r = 54.987$ ;

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

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch512/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.37 mW/g

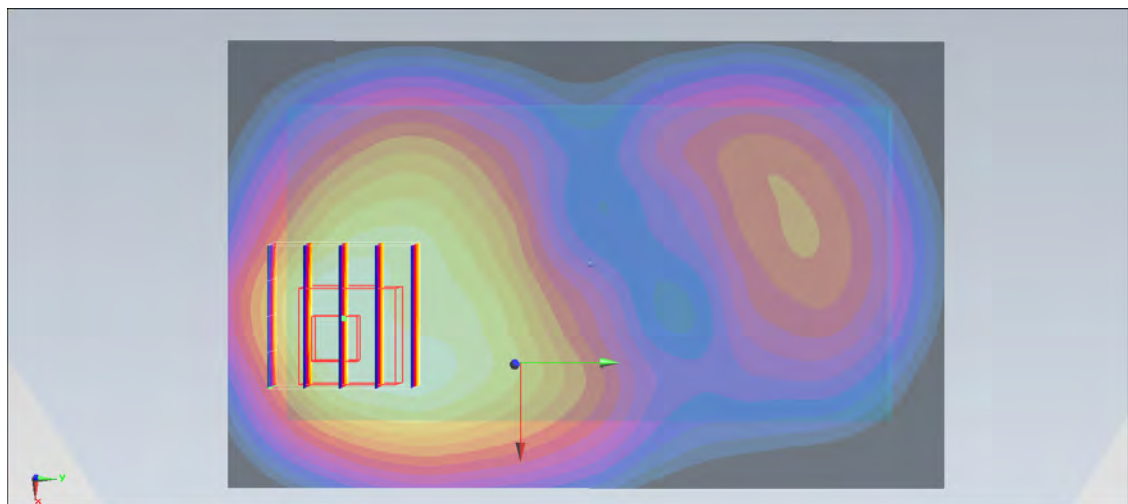
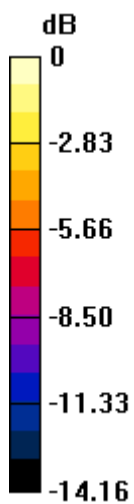
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.400 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.701 mW/g

**SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.645 mW/g**

Maximum value of SAR (measured) = 1.17 mW/g



0 dB = 1.17 mW/g = 1.36 dB mW/g

## #74 GSM1900\_GPRS12\_Back\_1cm\_Ch661\_Sample2\_Battery2

**DUT: 280818-01**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:2

Medium: MSL\_1900\_120825 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.477$  mho/m;  $\epsilon_r = 54.871$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch661/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.39 mW/g

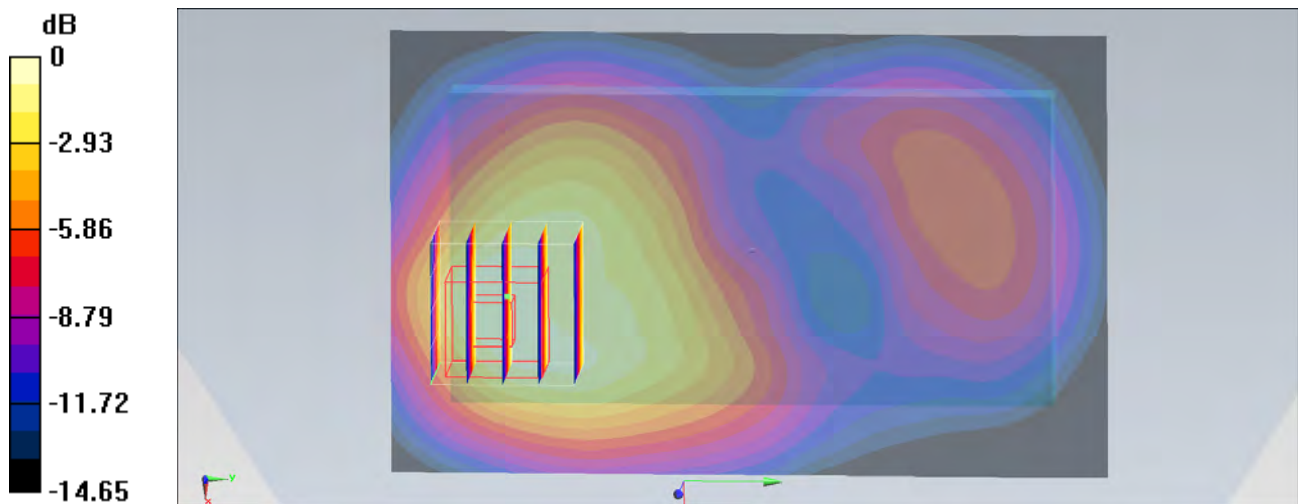
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.236 V/m; Power Drift = -0.122 dB

Peak SAR (extrapolated) = 1.819 mW/g

**SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.652 mW/g**

Maximum value of SAR (measured) = 1.22 mW/g



0 dB = 1.22 mW/g = 1.73 dB mW/g



## #75 GSM1900\_GPRS12\_Back\_1cm\_Ch810\_Sample2\_Battery2

**DUT: 280818-01**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:2

Medium: MSL\_1900\_120825 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.513$  mho/m;  $\epsilon_r = 54.838$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch810/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.47 mW/g

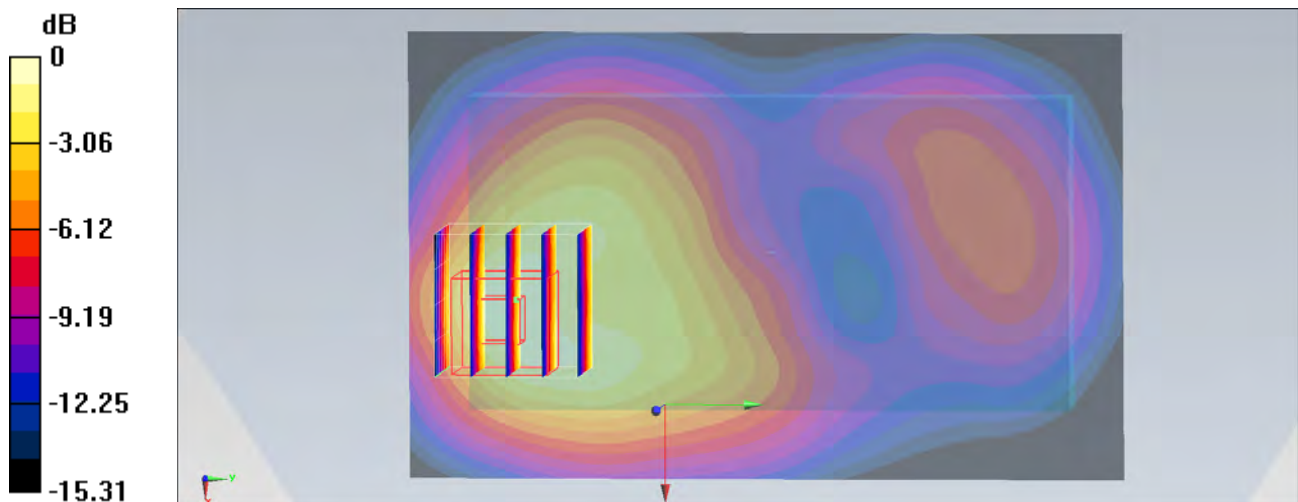
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.864 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.994 mW/g

**SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.696 mW/g**

Maximum value of SAR (measured) = 1.32 mW/g



0 dB = 1.32 mW/g = 2.41 dB mW/g

## #53 GSM1900\_GPRS12\_Back\_1cm\_Ch512\_Headset 1

**DUT: 280818-01**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:2

Medium: MSL\_1900\_120820 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.49$  mho/m;  $\epsilon_r = 52.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch512/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.28 mW/g

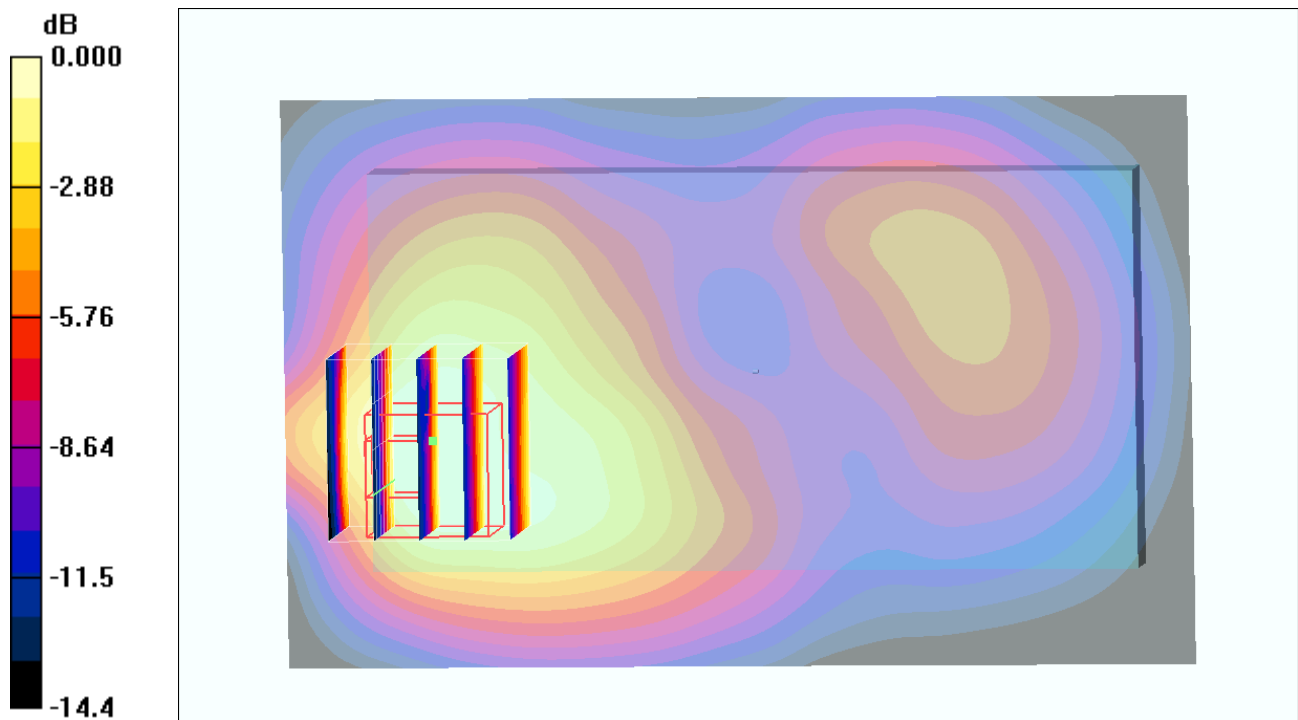
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.1 V/m; Power Drift = -0.004 dB

Peak SAR (extrapolated) = 1.63 W/kg

**SAR(1 g) = 0.986 mW/g; SAR(10 g) = 0.559 mW/g**

Maximum value of SAR (measured) = 1.09 mW/g



0 dB = 1.09mW/g

## #54 GSM1900\_GPRS12\_Back\_1cm\_Ch661\_Headset 1

**DUT: 280818-01**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:2

Medium: MSL\_1900\_120820 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 52.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch661/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.29 mW/g

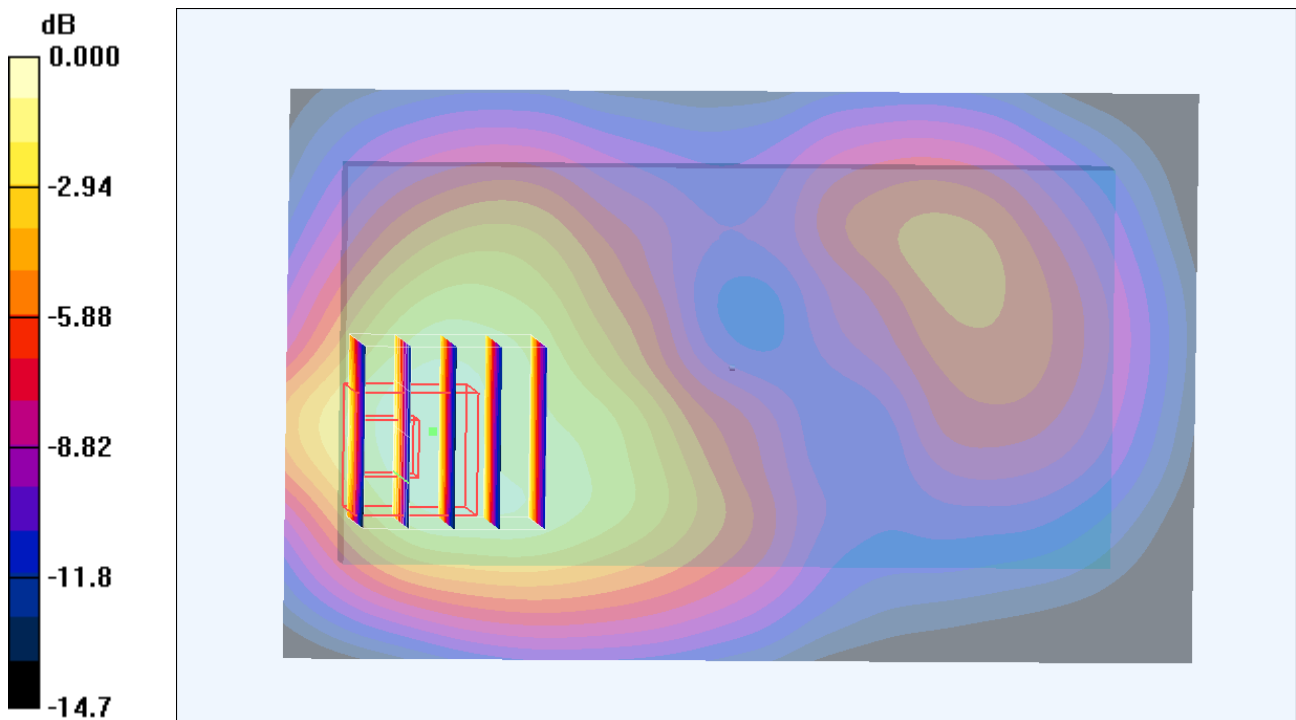
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.1 V/m; Power Drift = -0.065 dB

Peak SAR (extrapolated) = 1.79 W/kg

**SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.652 mW/g**

Maximum value of SAR (measured) = 1.21 mW/g



0 dB = 1.21mW/g

## #55 GSM1900\_GPRS12\_Back\_1cm\_Ch810\_Headset 1

**DUT: 280818-01**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:2

Medium: MSL\_1900\_120820 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.54$  mho/m;  $\epsilon_r = 52.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch810/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.28 mW/g

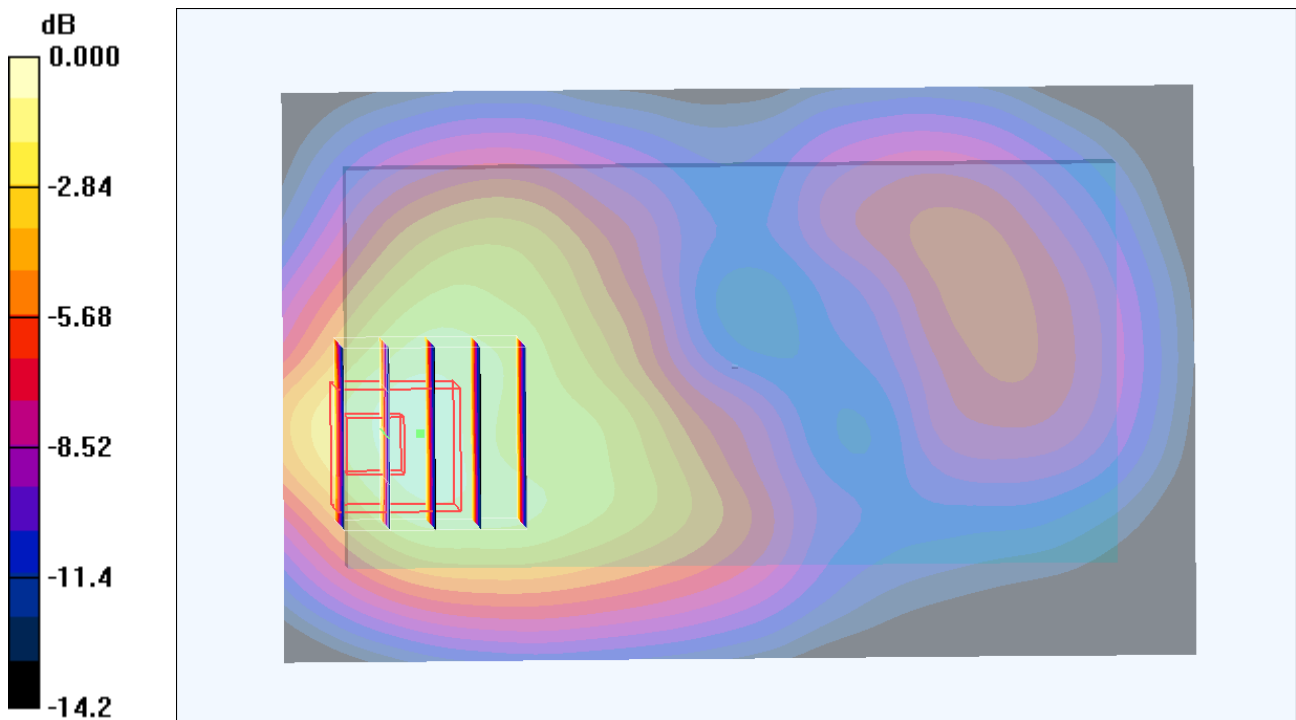
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.3 V/m; Power Drift = -0.095 dB

Peak SAR (extrapolated) = 1.91 W/kg

**SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.674 mW/g**

Maximum value of SAR (measured) = 1.31 mW/g



0 dB = 1.31mW/g

## #76 GSM1900\_GPRS12\_Back\_1cm\_Ch512\_Sample2\_Battery2\_Headset2

**DUT: 280818-01**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:2

Medium: MSL\_1900\_120825 Medium parameters used :  $f = 1850.2$  MHz;  $\sigma = 1.445$  mho/m;  $\epsilon_r = 54.987$ ;

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

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch512/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.21 mW/g

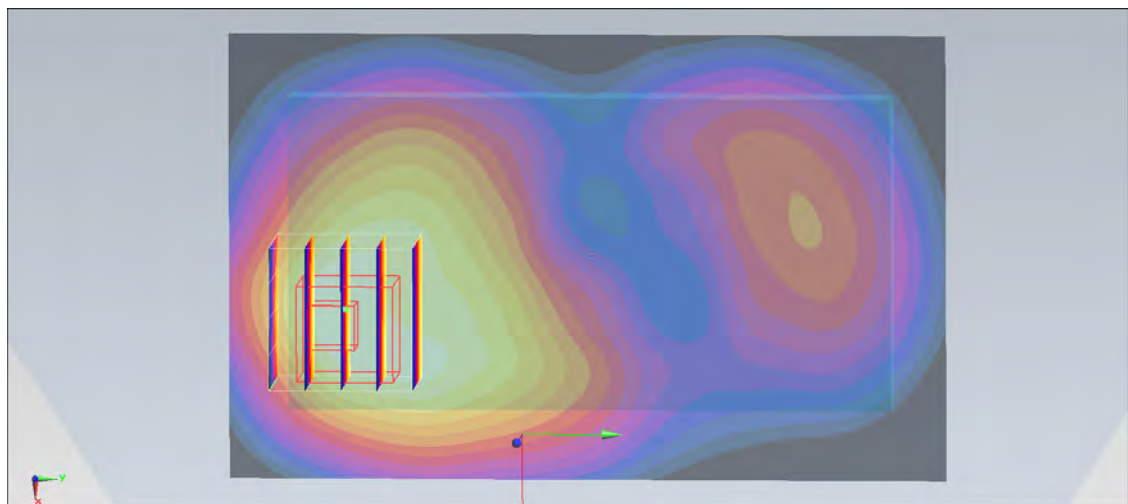
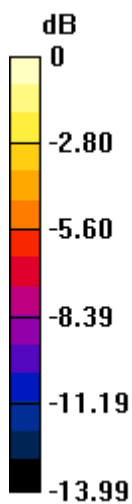
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.866 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.522 mW/g

**SAR(1 g) = 0.977 mW/g; SAR(10 g) = 0.585 mW/g**

Maximum value of SAR (measured) = 1.07 mW/g



0 dB = 1.07 mW/g = 0.59 dB mW/g

## #77 GSM1900\_GPRS12\_Back\_1cm\_Ch661\_Sample2\_Battery2\_Headset2

**DUT: 280818-01**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:2

Medium: MSL\_1900\_120825 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.477$  mho/m;  $\epsilon_r = 54.871$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch661/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.37 mW/g

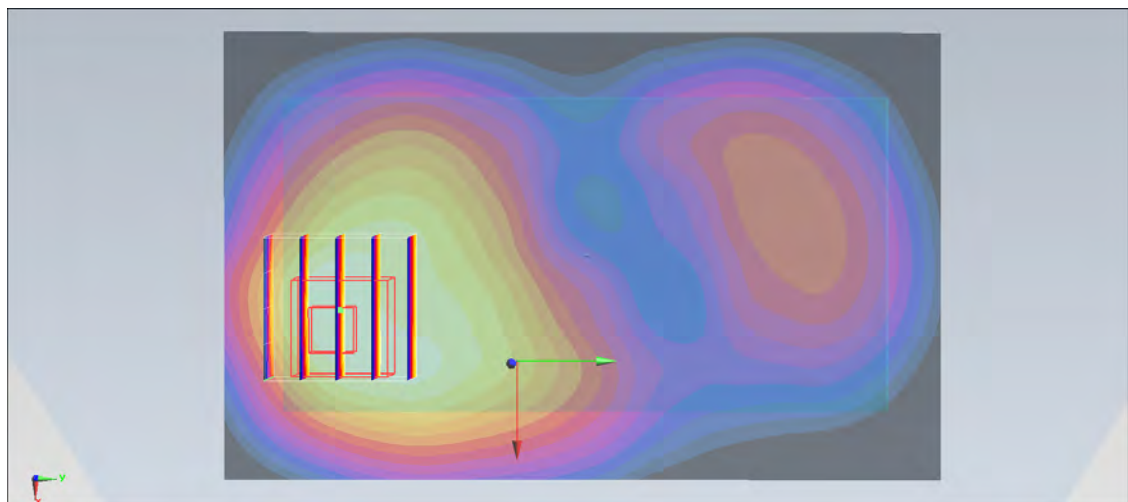
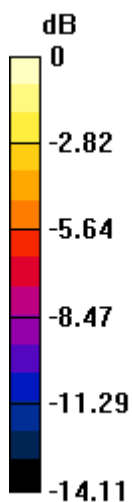
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.193 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.733 mW/g

**SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.654 mW/g**

Maximum value of SAR (measured) = 1.20 mW/g



0 dB = 1.20 mW/g = 1.58 dB mW/g

## #78 GSM1900\_GPRS12\_Back\_1cm\_Ch810\_Sample2\_Battery2\_Headset2

**DUT: 280818-01**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:2

Medium: MSL\_1900\_120825 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.513$  mho/m;  $\epsilon_r = 54.838$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch810/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.47 mW/g

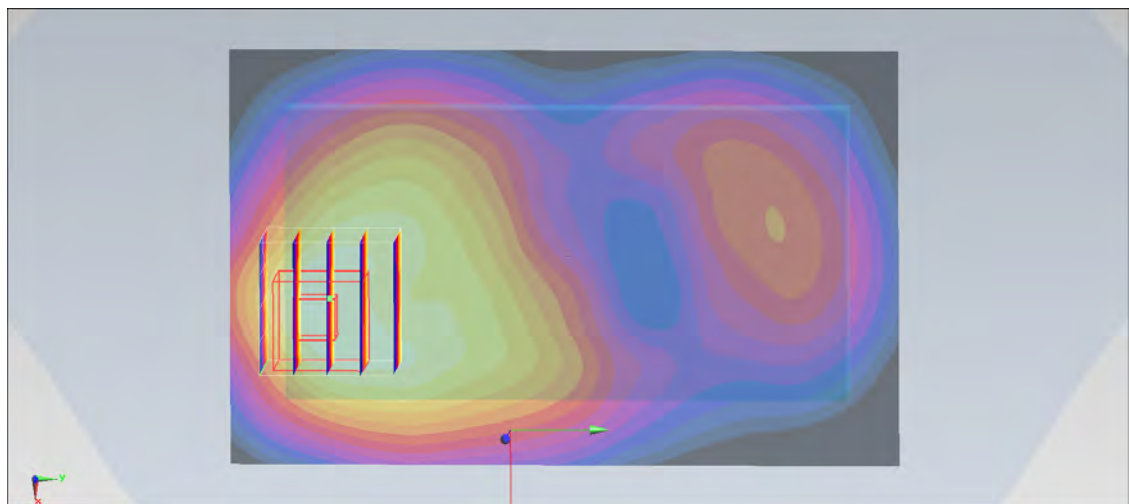
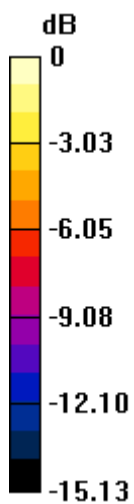
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.784 V/m; Power Drift = -0.146 dB

Peak SAR (extrapolated) = 1.770 mW/g

**SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.626 mW/g**

Maximum value of SAR (measured) = 1.18 mW/g



0 dB = 1.18 mW/g = 1.44 dB mW/g

### #141 GSM1900\_GPRS12\_Back\_1cm\_Ch512\_Sample1\_Battery1\_Headset3

**DUT: 280818-01**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:2

Medium: MSL\_1900\_120905 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 53.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.29, 7.29, 7.29); Calibrated: 2012/6/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch512/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.33 mW/g

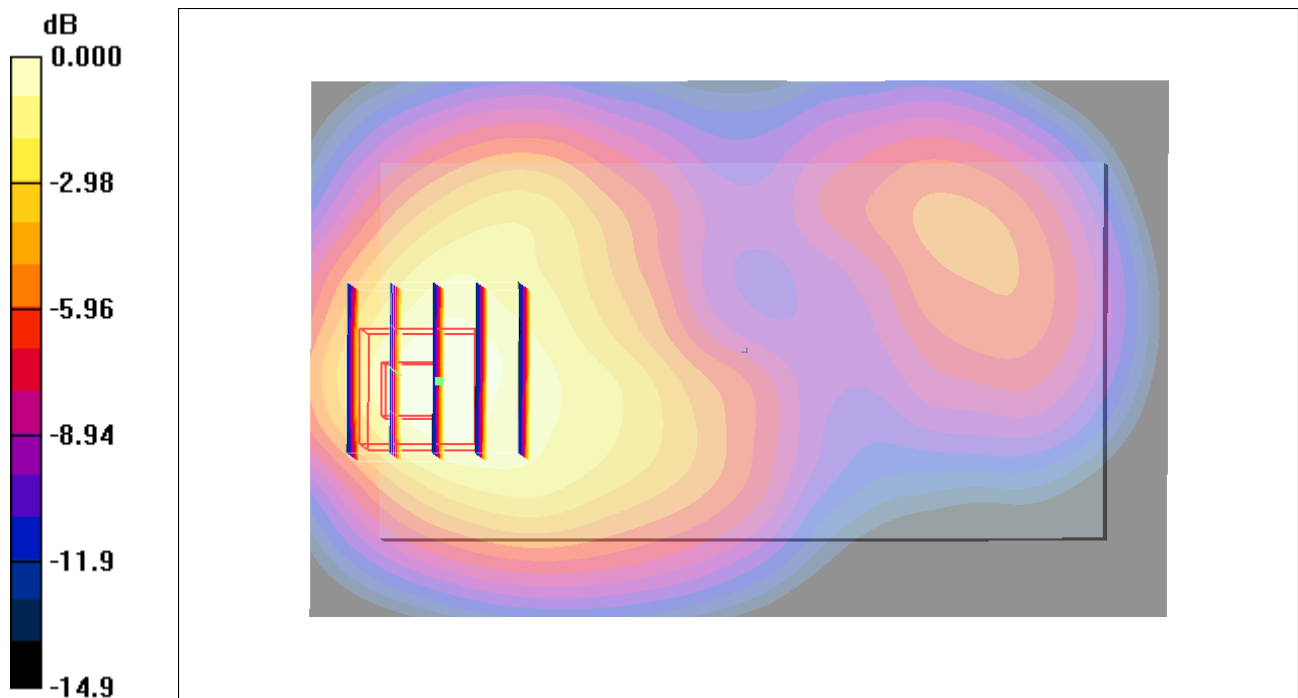
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.3 V/m; Power Drift = 0.178 dB

Peak SAR (extrapolated) = 1.87 W/kg

**SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.630 mW/g**

Maximum value of SAR (measured) = 1.23 mW/g



0 dB = 1.23mW/g



### #142 GSM1900\_GPRS12\_Back\_1cm\_Ch661\_Sample1\_Battery1\_Headset3

**DUT: 280818-01**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:2

Medium: MSL\_1900\_120905 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 53.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.29, 7.29, 7.29); Calibrated: 2012/6/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch661/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.28 mW/g

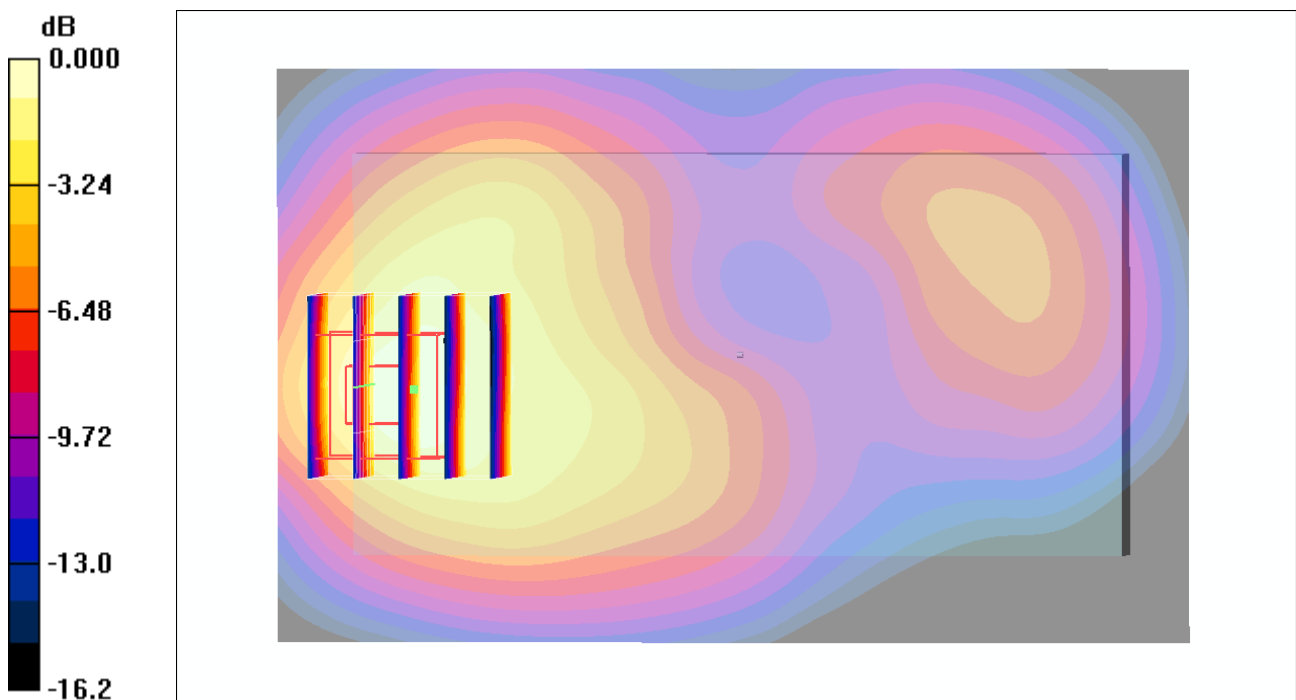
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.6 V/m; Power Drift = -0.003 dB

Peak SAR (extrapolated) = 1.87 W/kg

**SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.612 mW/g**

Maximum value of SAR (measured) = 1.23 mW/g



0 dB = 1.23mW/g

### #143 GSM1900\_GPRS12\_Back\_1cm\_Ch810\_Sample1\_Battery1\_Headset3

**DUT: 280818-01**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:2

Medium: MSL\_1900\_120905 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 53.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.29, 7.29, 7.29); Calibrated: 2012/6/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch810/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.23 mW/g

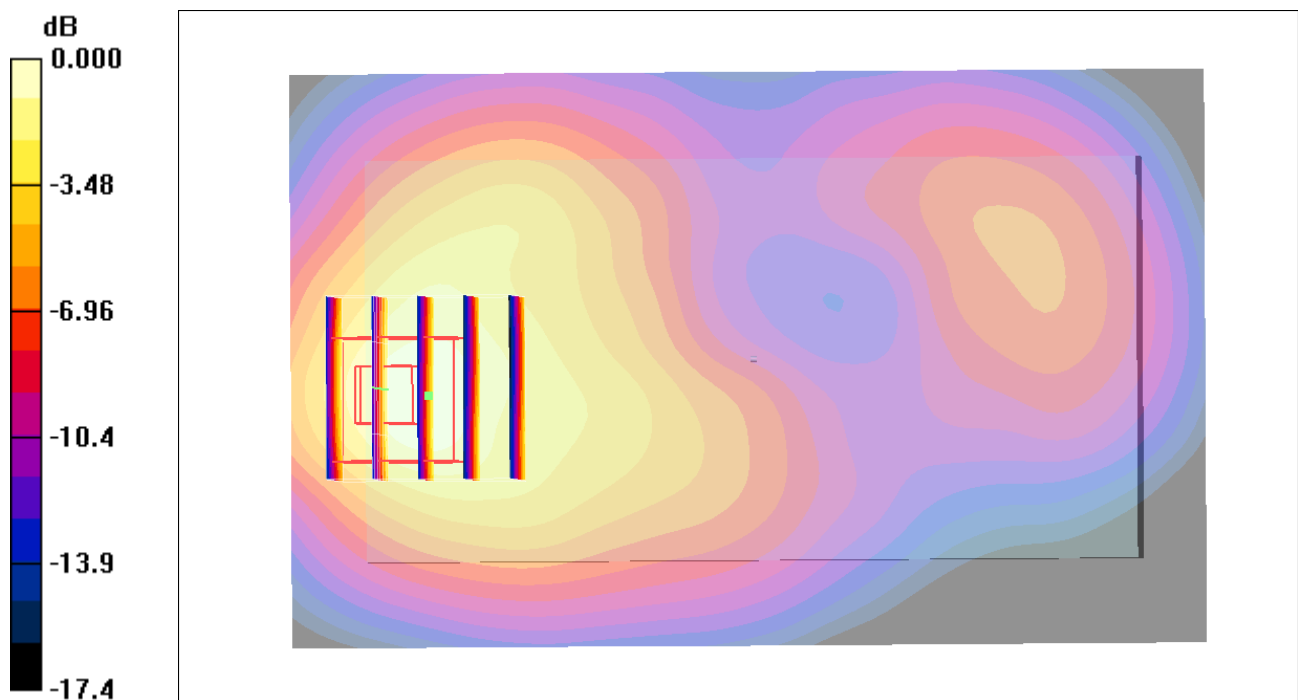
**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.1 V/m; Power Drift = -0.096 dB

Peak SAR (extrapolated) = 1.84 W/kg

**SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.595 mW/g**

Maximum value of SAR (measured) = 1.21 mW/g



0 dB = 1.21mW/g

## #23 WCDMA V\_RMC12.2K\_Front\_1cm\_Ch4132

**DUT: 280818-01**

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

Medium: MSL\_850\_120819 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.956$  mho/m;  $\epsilon_r = 54.62$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch4132/Area Scan (51x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.285 W/kg

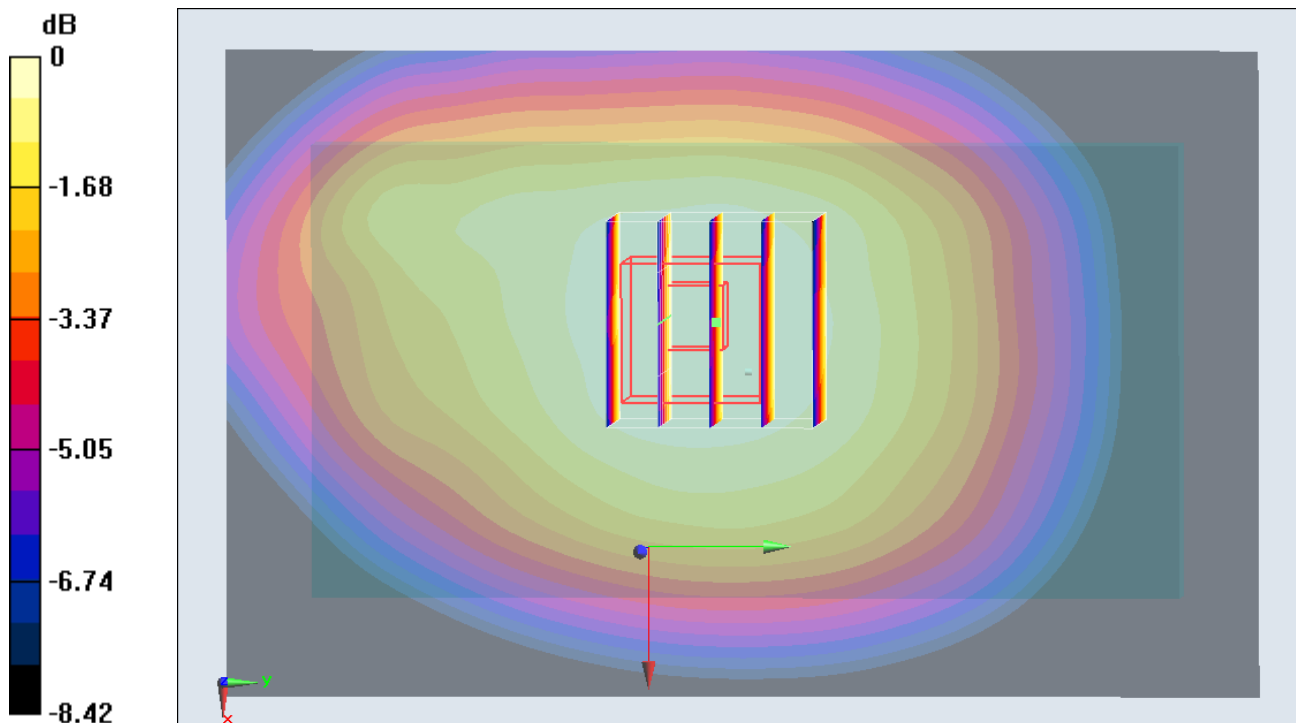
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.555 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.334 mW/g

**SAR(1 g) = 0.272 mW/g; SAR(10 g) = 0.209 mW/g**

Maximum value of SAR (measured) = 0.283 W/kg



0 dB = 0.283 W/kg = -10.96 dB W/kg

### #23 WCDMA V\_RMC12.2K\_Front\_1cm\_Ch4132\_2D

**DUT: 280818-01**

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

Medium: MSL\_850\_120819 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.956$  mho/m;  $\epsilon_r = 54.62$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch4132/Area Scan (51x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.285 W/kg

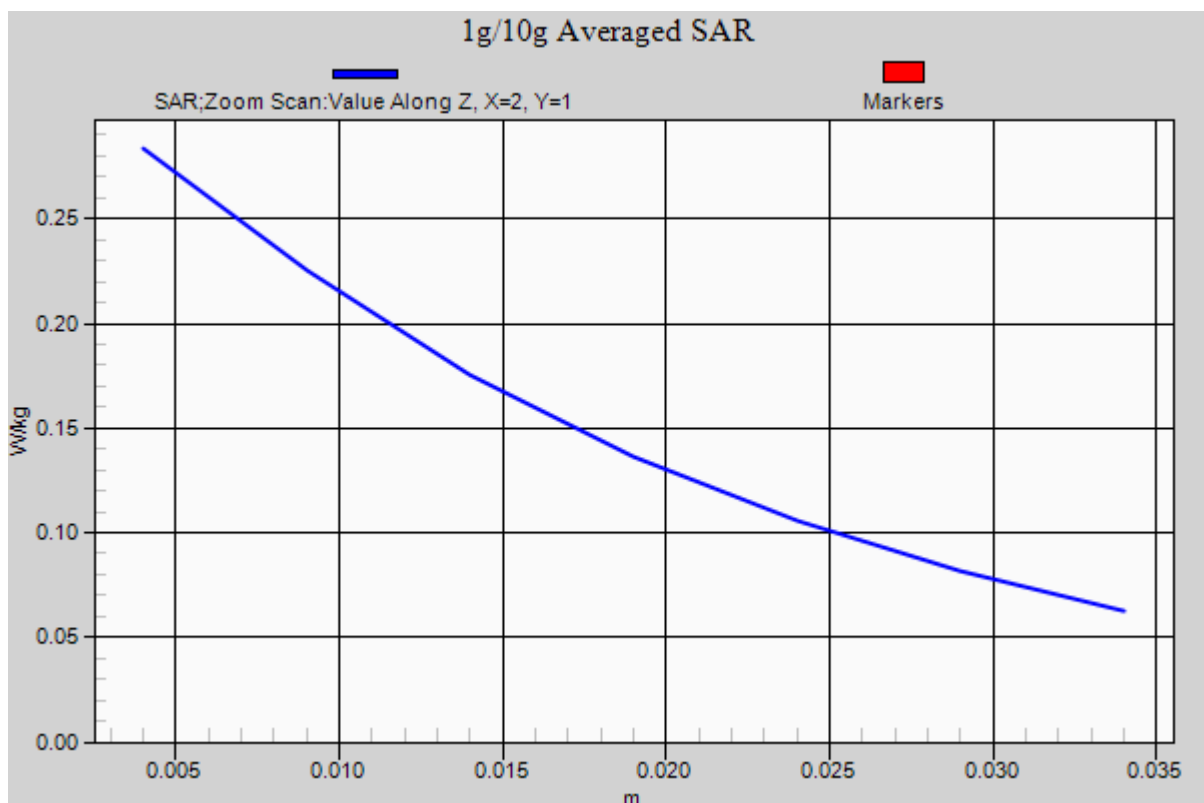
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.555 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.334 mW/g

**SAR(1 g) = 0.272 mW/g; SAR(10 g) = 0.209 mW/g**

Maximum value of SAR (measured) = 0.283 W/kg



## #81 WCDMA V\_RMC12.2K\_Front\_1cm\_Ch4132\_Sample2\_Battery2

**DUT: 280818-01**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:2

Medium: MSL\_850\_120825 Medium parameters used :  $f = 826.4$  MHz;  $\sigma = 0.988$  mho/m;  $\epsilon_r = 55.443$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(5.75, 5.75, 5.75); Calibrated: 2012/1/26;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch4132/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.321 mW/g

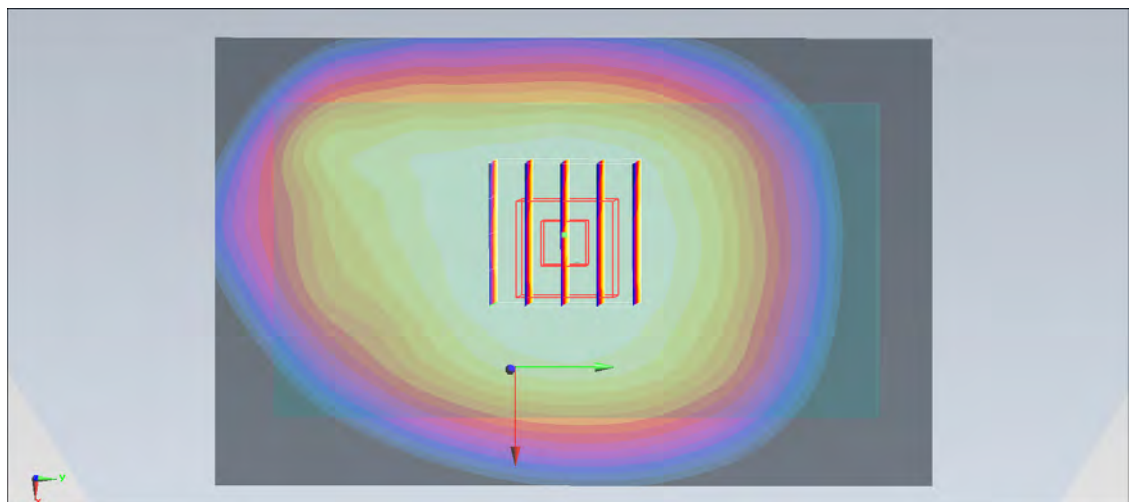
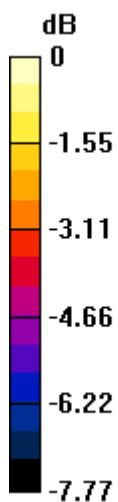
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.503 V/m; Power Drift = -0.146 dB

Peak SAR (extrapolated) = 0.324 mW/g

**SAR(1 g) = 0.270 mW/g; SAR(10 g) = 0.209 mW/g**

Maximum value of SAR (measured) = 0.282 mW/g



0 dB = 0.282 mW/g = -11.00 dB mW/g

### #24 WCDMA V\_RMC12.2K\_Back\_1cm\_Ch4132

**DUT: 280818-01**

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

Medium: MSL\_850\_120819 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.956$  mho/m;  $\epsilon_r = 54.62$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

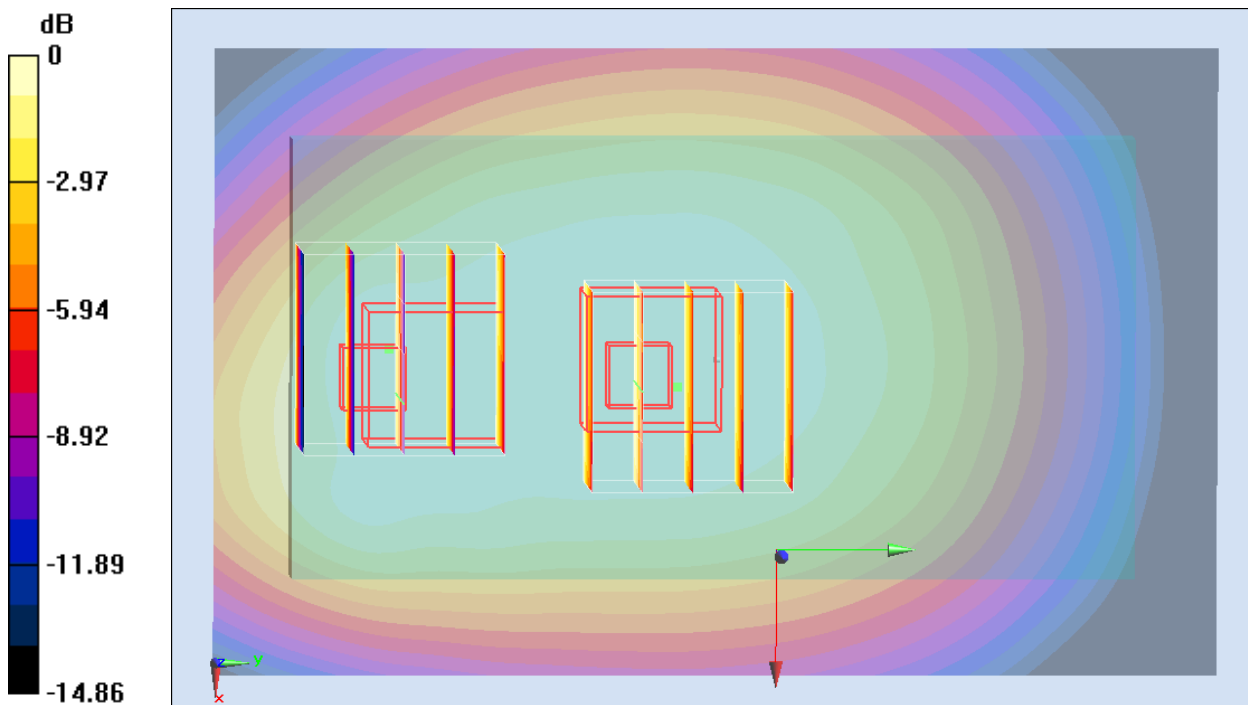
DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch4132/Area Scan (51x81x1):** Measurement grid: dx=20 mm, dy=20 mm  
 Maximum value of SAR (interpolated) = 0.237 W/kg

**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 16.112 V/m; Power Drift = -0.05 dB  
 Peak SAR (extrapolated) = 0.279 mW/g  
**SAR(1 g) = 0.225 mW/g; SAR(10 g) = 0.173 mW/g**  
 Maximum value of SAR (measured) = 0.236 W/kg

**Ch4132/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 16.112 V/m; Power Drift = -0.05 dB  
 Peak SAR (extrapolated) = 0.420 mW/g  
**SAR(1 g) = 0.224 mW/g; SAR(10 g) = 0.144 mW/g**  
 Maximum value of SAR (measured) = 0.235 W/kg



0 dB = 0.235 W/kg = -12.58 dB W/kg

## #25 WCDMA V\_RMC12.2K\_Left Side\_1cm\_Ch4132

**DUT: 280818-01**

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

Medium: MSL\_850\_120819 Medium parameters used :  $f = 826.4$  MHz;  $\sigma = 0.956$  mho/m;  $\epsilon_r = 54.62$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch4132/Area Scan (31x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.268 W/kg

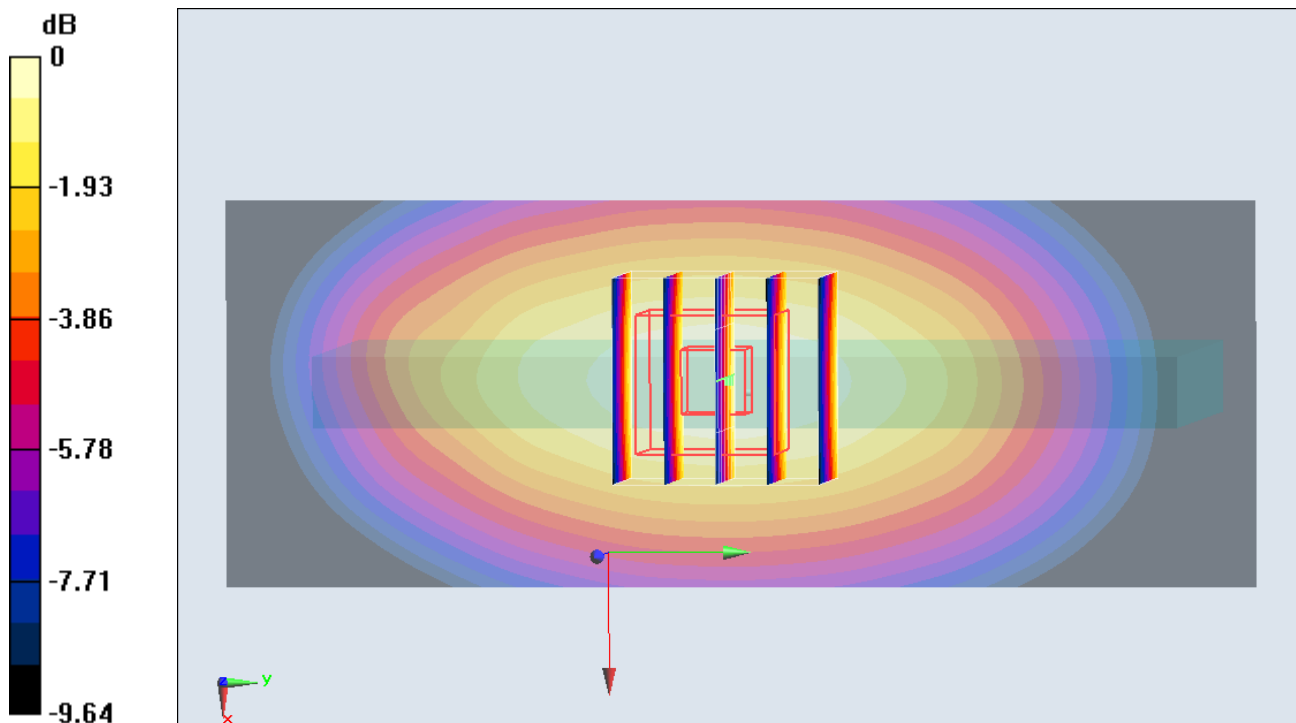
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.613 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.356 mW/g

**SAR(1 g) = 0.259 mW/g; SAR(10 g) = 0.179 mW/g**

Maximum value of SAR (measured) = 0.276 W/kg



0 dB = 0.276 W/kg = -11.18 dB W/kg

## #26 WCDMA V\_RMC12.2K\_Right Side\_1cm\_Ch4132

**DUT: 280818-01**

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

Medium: MSL\_850\_120819 Medium parameters used :  $f = 826.4$  MHz;  $\sigma = 0.956$  mho/m;  $\epsilon_r = 54.62$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch4132/Area Scan (31x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.174 W/kg

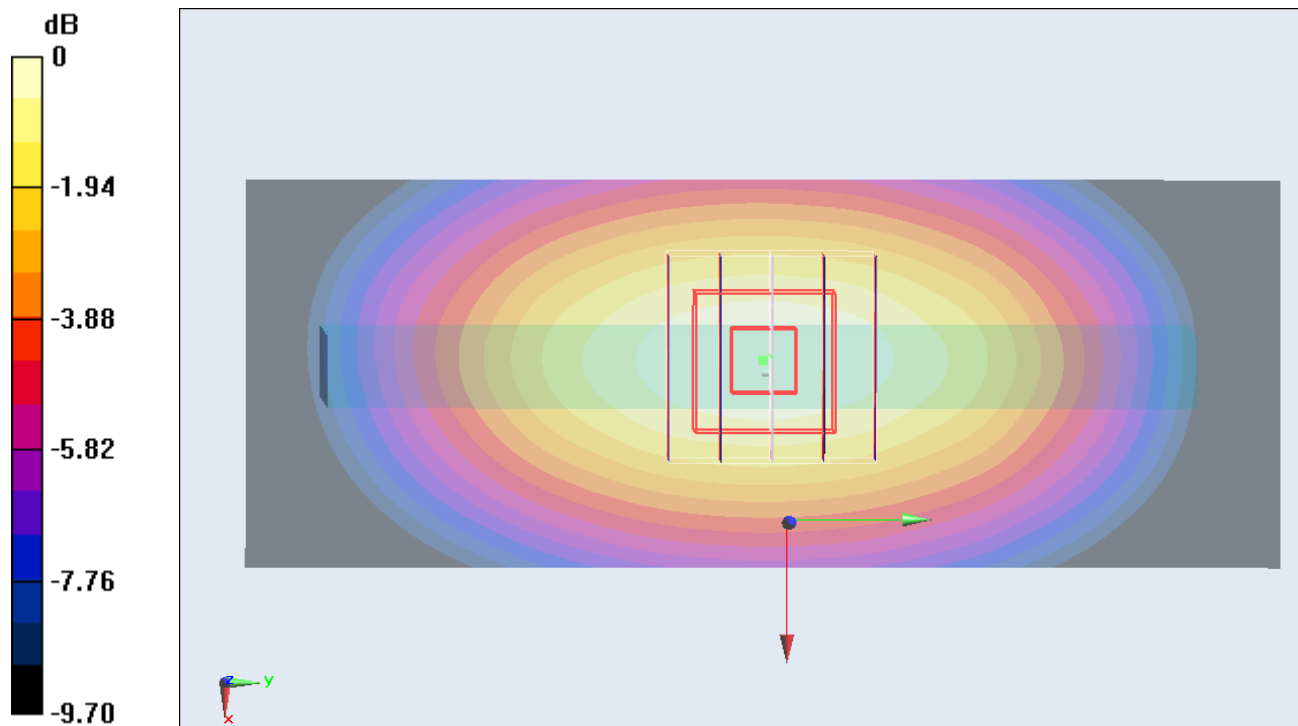
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.093 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.225 mW/g

**SAR(1 g) = 0.164 mW/g; SAR(10 g) = 0.113 mW/g**

Maximum value of SAR (measured) = 0.175 W/kg



0 dB = 0.175 W/kg = -15.14 dB W/kg



## #28 WCDMA V\_RMC12.2K\_Bottom Side\_1cm\_Ch4132

**DUT: 280818-01**

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

Medium: MSL\_850\_120819 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.956$  mho/m;  $\epsilon_r = 54.62$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch4132/Area Scan (31x61x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.0972 W/kg

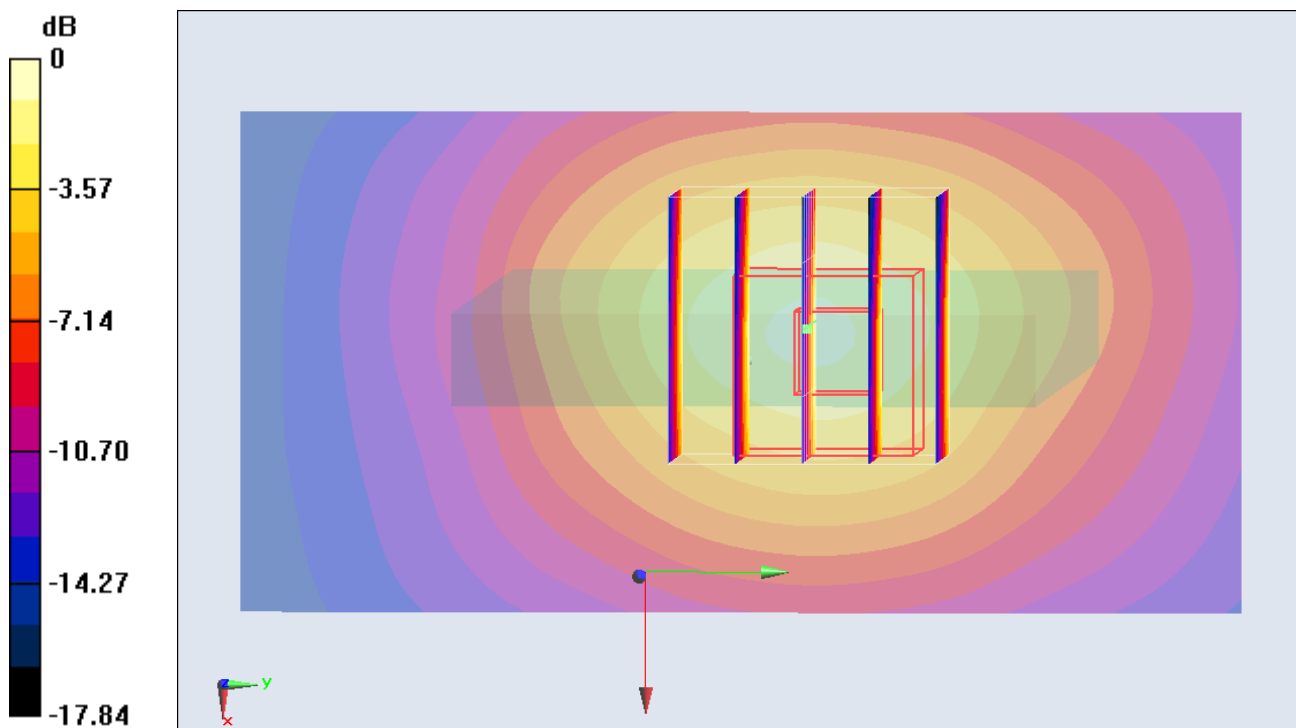
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.621 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.264 mW/g

**SAR(1 g) = 0.115 mW/g; SAR(10 g) = 0.056 mW/g**

Maximum value of SAR (measured) = 0.120 W/kg



0 dB = 0.120 W/kg = -18.42 dB W/kg

## #23 WCDMA V\_RMC12.2K\_Front\_1cm\_Ch4132

**DUT: 280818-01**

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

Medium: MSL\_850\_120819 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.956$  mho/m;  $\epsilon_r = 54.62$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch4132/Area Scan (51x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.285 W/kg

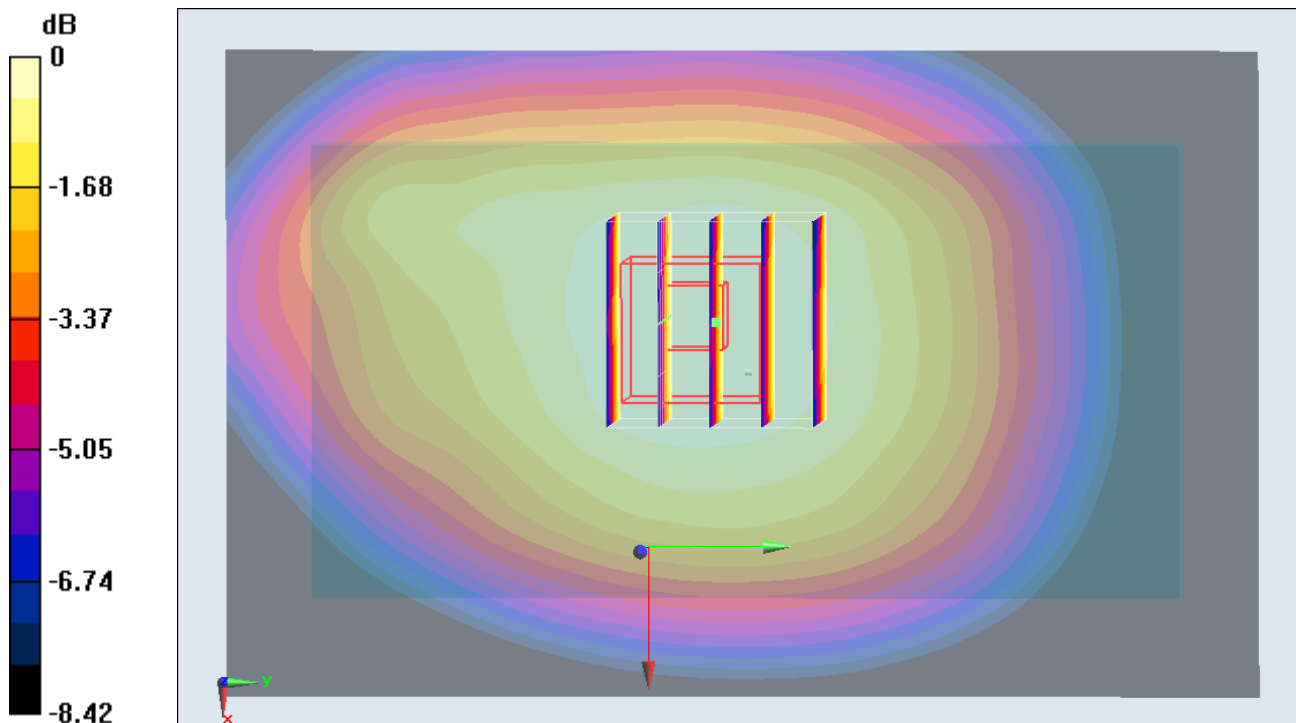
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.555 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.334 mW/g

**SAR(1 g) = 0.272 mW/g; SAR(10 g) = 0.209 mW/g**

Maximum value of SAR (measured) = 0.283 W/kg



0 dB = 0.283 W/kg = -10.96 dB W/kg

## #81 WCDMA V\_RMC12.2K\_Front\_1cm\_Ch4132\_Sample2\_Battery2

**DUT: 280818-01**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:2

Medium: MSL\_850\_120825 Medium parameters used :  $f = 826.4$  MHz;  $\sigma = 0.988$  mho/m;  $\epsilon_r = 55.443$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(5.75, 5.75, 5.75); Calibrated: 2012/1/26;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch4132/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.321 mW/g

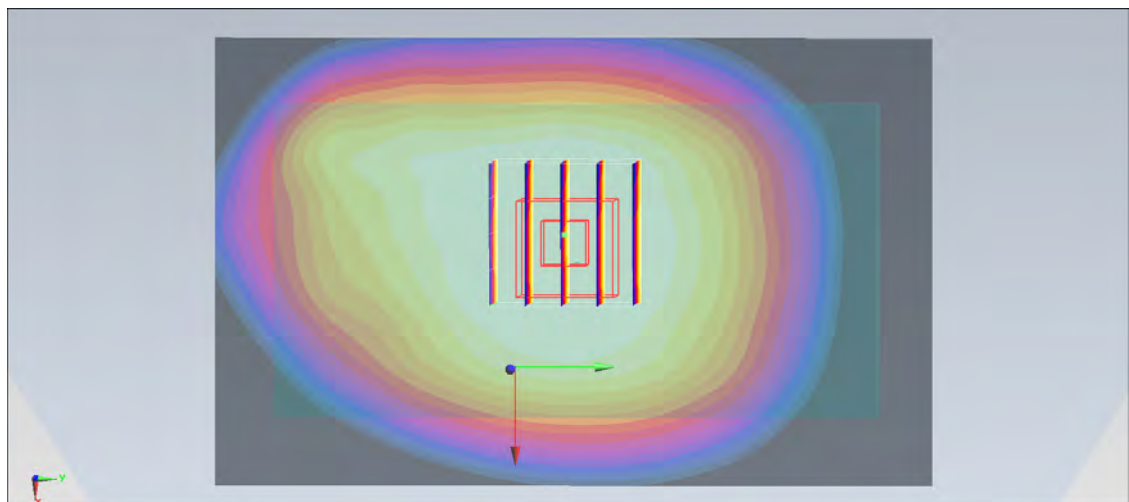
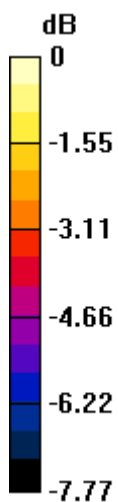
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.503 V/m; Power Drift = -0.146 dB

Peak SAR (extrapolated) = 0.324 mW/g

**SAR(1 g) = 0.270 mW/g; SAR(10 g) = 0.209 mW/g**

Maximum value of SAR (measured) = 0.282 mW/g



0 dB = 0.282 mW/g = -11.00 dB mW/g

## #24 WCDMA V\_RMC12.2K\_Back\_1cm\_Ch4132

**DUT: 280818-01**

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

Medium: MSL\_850\_120819 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.956$  mho/m;  $\epsilon_r = 54.62$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.08, 6.08, 6.08); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch4132/Area Scan (51x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.237 W/kg

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

Reference Value = 16.112 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.279 mW/g

**SAR(1 g) = 0.225 mW/g; SAR(10 g) = 0.173 mW/g**

Maximum value of SAR (measured) = 0.236 W/kg

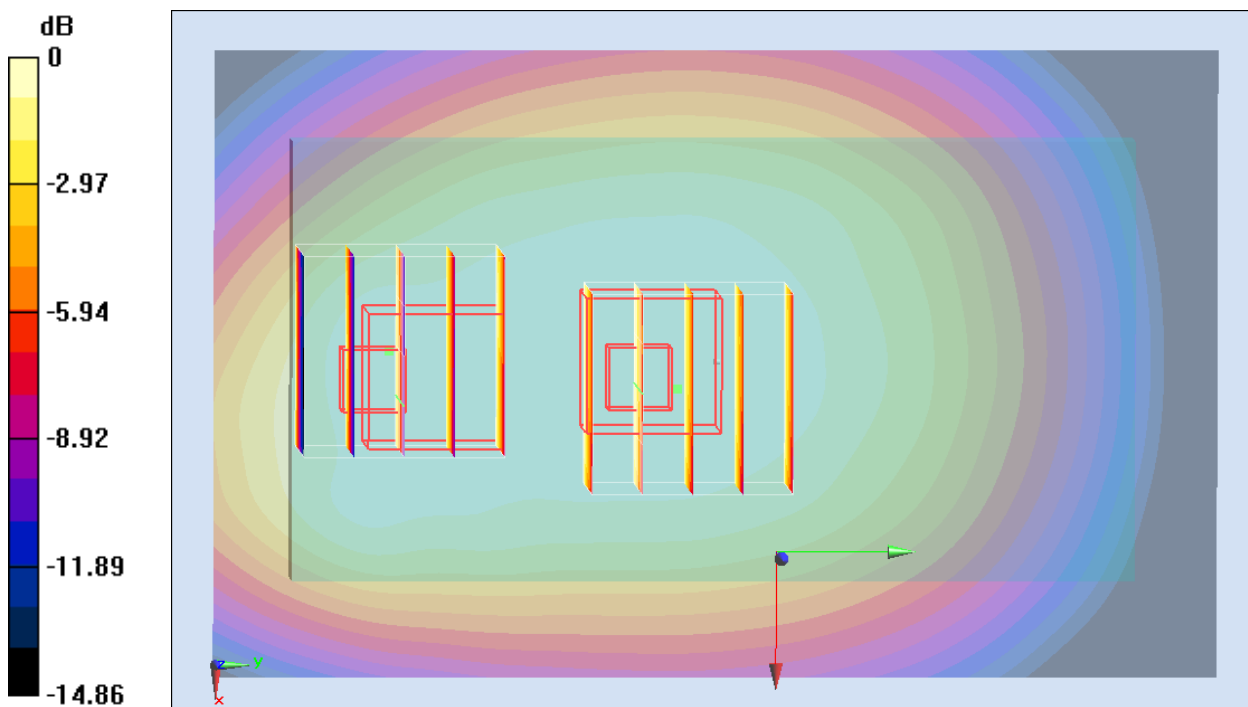
**Ch4132/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.112 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.420 mW/g

**SAR(1 g) = 0.224 mW/g; SAR(10 g) = 0.144 mW/g**

Maximum value of SAR (measured) = 0.235 W/kg



0 dB = 0.235 W/kg = -12.58 dB W/kg

# #61 WCDMA V\_RMC12.2K\_Front\_1cm\_Ch4132\_Headset1

**DUT: 280818-01**

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

Medium: MSL\_850\_120820 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.977$  mho/m;  $\epsilon_r = 54.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(5.75, 5.75, 5.75); Calibrated: 2012/1/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch4132/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

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

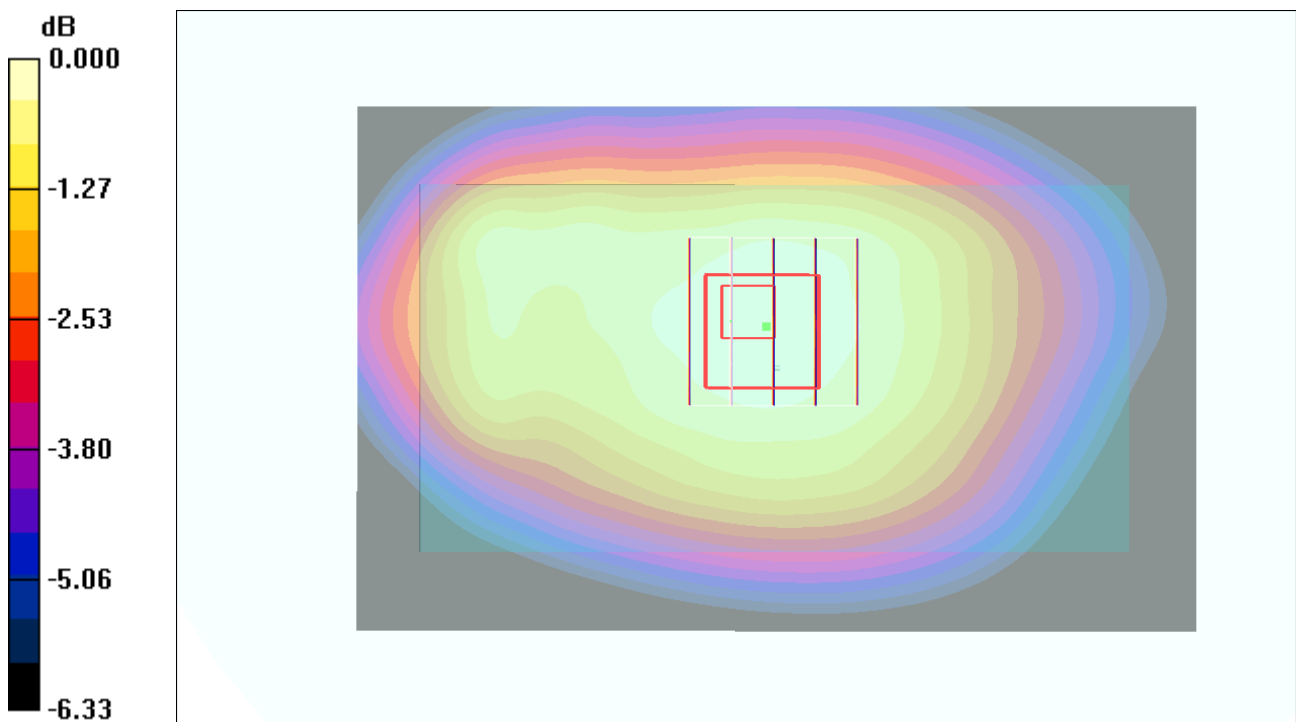
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.6 V/m; Power Drift = 0.042 dB

Peak SAR (extrapolated) = 0.227 W/kg

**SAR(1 g) = 0.191 mW/g; SAR(10 g) = 0.153 mW/g**

Maximum value of SAR (measured) = 0.198 mW/g



0 dB = 0.198mW/g

## #82 WCDMA V\_RMC12.2K\_Front\_1cm\_Ch4132\_Sample2\_Battery2\_Headset2

**DUT: 280818-01**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:2

Medium: MSL\_850\_120825 Medium parameters used :  $f = 826.4$  MHz;  $\sigma = 0.988$  mho/m;  $\epsilon_r = 55.443$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(5.75, 5.75, 5.75); Calibrated: 2012/1/26;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch4132/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.137 mW/g

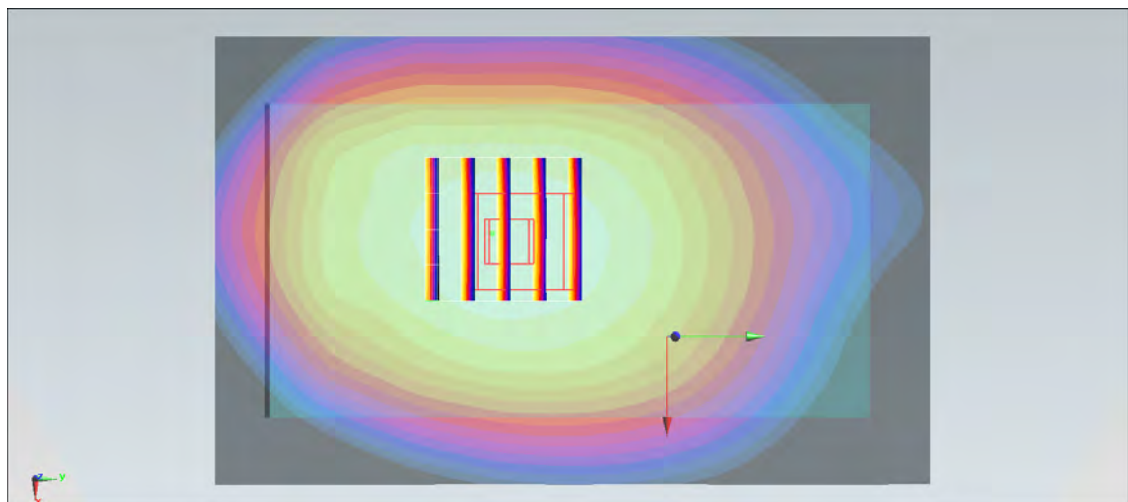
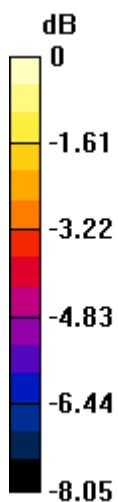
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.911 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.159 mW/g

**SAR(1 g) = 0.150 mW/g; SAR(10 g) = 0.12 mW/g**

Maximum value of SAR (measured) = 0.136 mW/g



0 dB = 0.136 mW/g = -17.33 dB mW/g

### #140 WCDMA V\_RMC12.2K\_Front\_1cm\_Ch4132\_Sample1\_Battery1\_Headset3

**DUT: 280818-01**

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

Medium: MSL\_850\_120905 Medium parameters used:  $f = 826.4 \text{ MHz}$ ;  $\sigma = 0.955 \text{ mho/m}$ ;  $\epsilon_r = 54.6$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(8.99, 8.99, 8.99); Calibrated: 2012/6/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch4132/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.250 mW/g

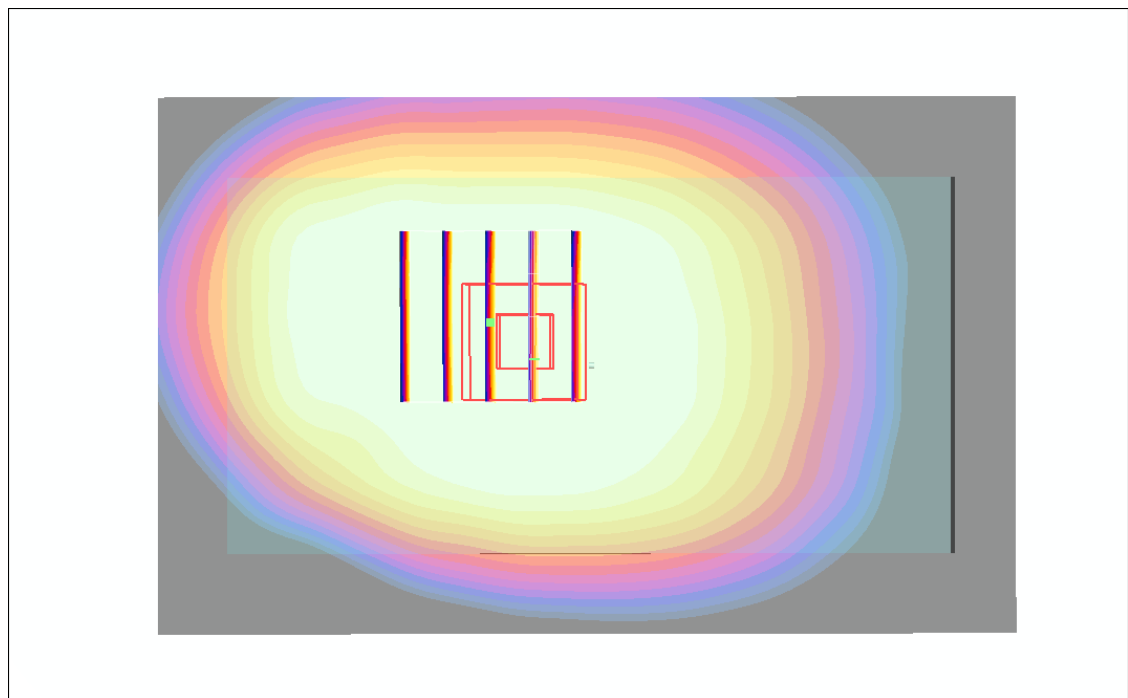
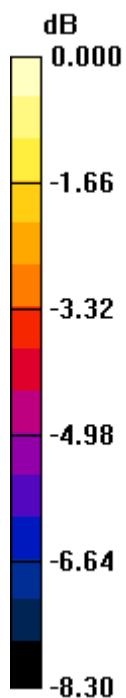
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.7 V/m; Power Drift = -0.181 dB

Peak SAR (extrapolated) = 0.239 W/kg

**SAR(1 g) = 0.190 mW/g; SAR(10 g) = 0.149 mW/g**

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



0 dB = 0.200mW/g

### #39 WCDMA II\_RMC12.2K\_Front\_1cm\_Ch9262

**DUT: 280818-01**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_120819 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.503$  mho/m;  $\epsilon_r = 52.139$ ;

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch9262/Area Scan (51x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.836 W/kg

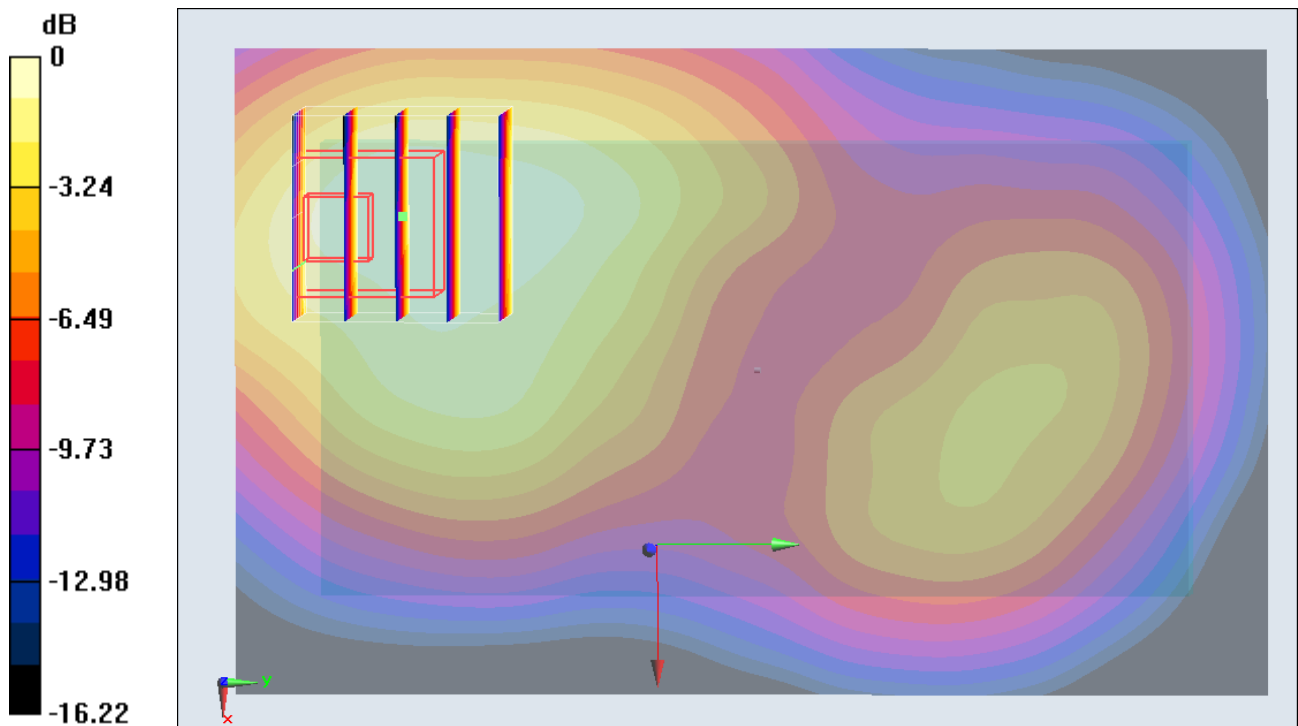
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.599 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.099 mW/g

**SAR(1 g) = 0.681 mW/g; SAR(10 g) = 0.408 mW/g**

Maximum value of SAR (measured) = 0.775 W/kg



0 dB = 0.775 W/kg = -2.21 dB W/kg



## #40 WCDMA II\_RMC12.2K\_Back\_1cm\_Ch9262

**DUT: 280818-01**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_120819 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.503$  mho/m;  $\epsilon_r = 52.139$ ;

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch9262/Area Scan (51x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 1.17 W/kg

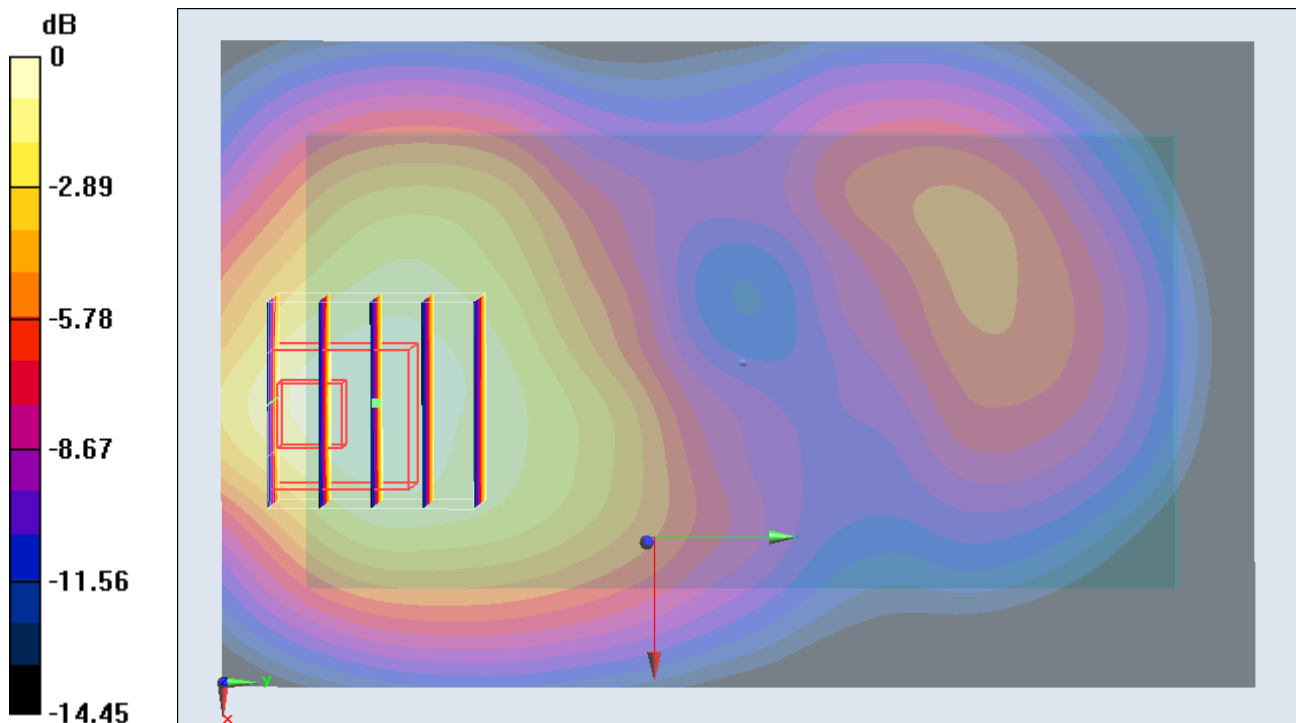
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.868 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.606 mW/g

**SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.610 mW/g**

Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.14 W/kg = 1.14 dB W/kg

## #41 WCDMA II\_RMC12.2K\_Back\_1cm\_Ch9400

**DUT: 280818-01**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_120819 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.535$  mho/m;  $\epsilon_r = 52.043$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch9400/Area Scan (51x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 1.28 W/kg

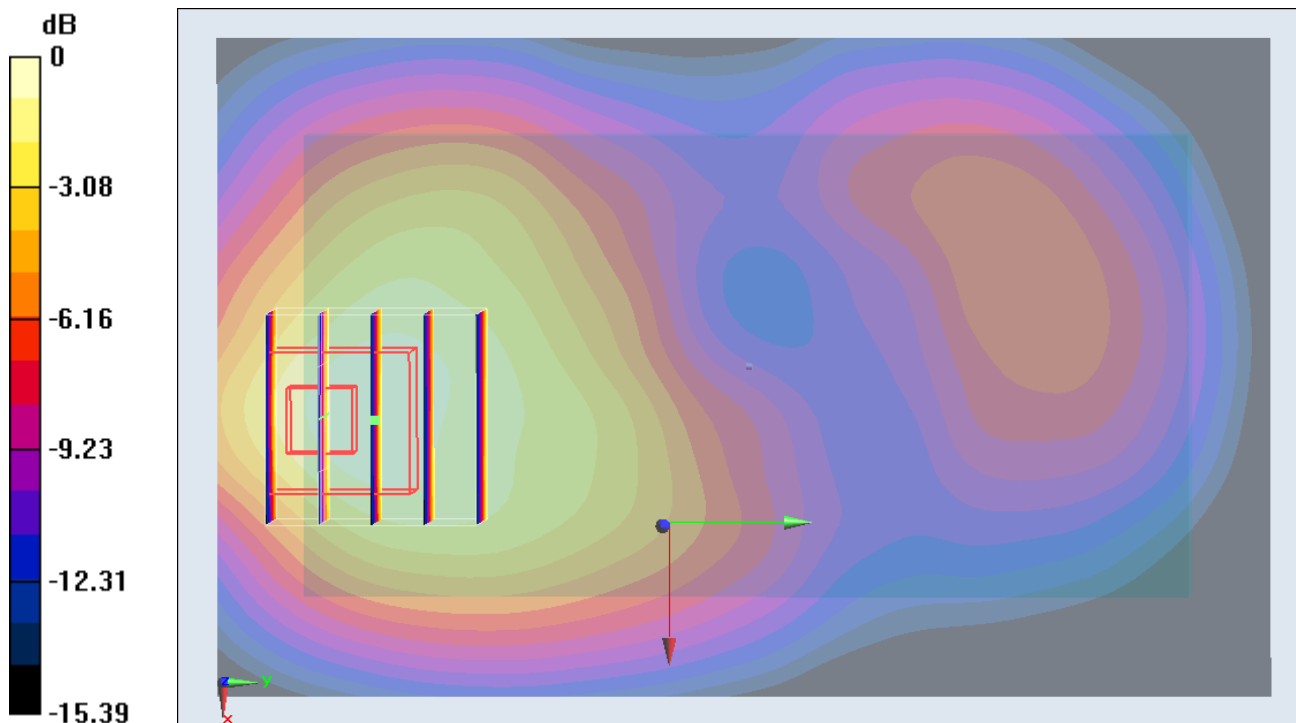
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.791 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.717 mW/g

**SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.618 mW/g**

Maximum value of SAR (measured) = 1.22 W/kg



0 dB = 1.22 W/kg = 1.73 dB W/kg

## #42 WCDMA II\_RMC12.2K\_Back\_1cm\_Ch9538

**DUT: 280818-01**

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_120819 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.569$  mho/m;  $\epsilon_r = 51.934$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch9538/Area Scan (51x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 1.23 W/kg

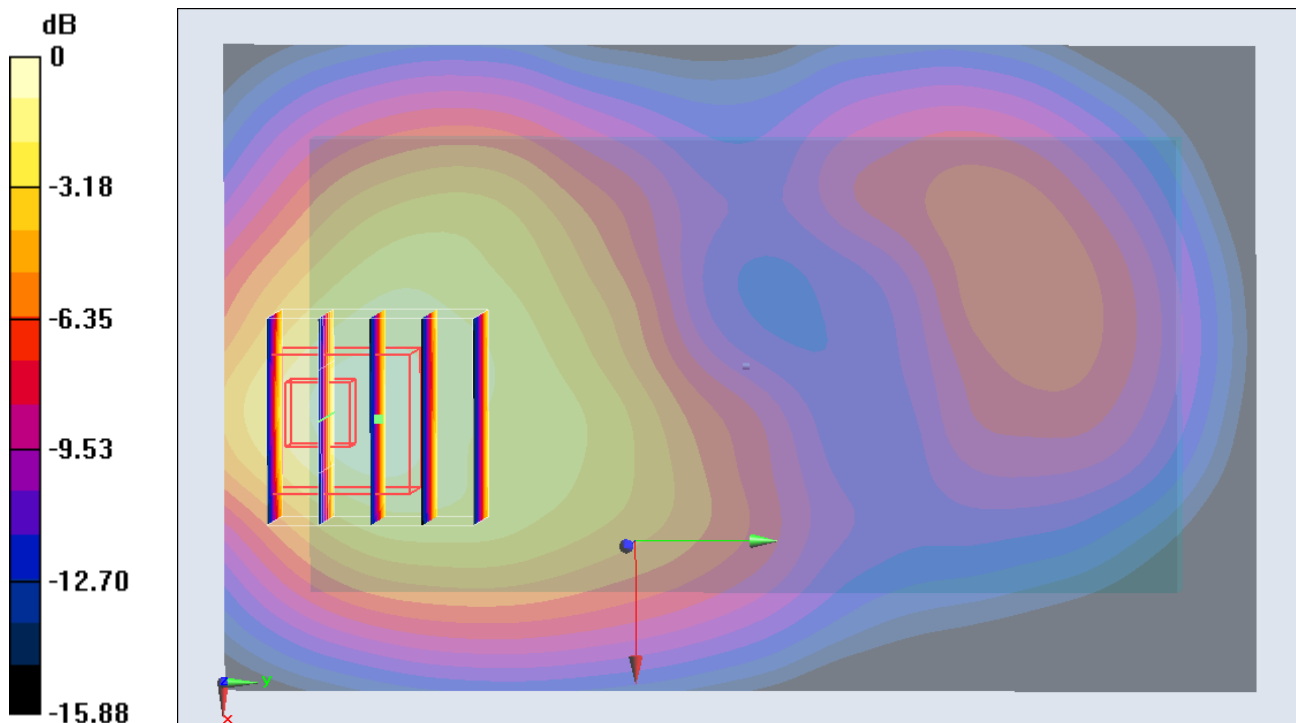
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.926 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.765 mW/g

**SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.608 mW/g**

Maximum value of SAR (measured) = 1.23 W/kg



0 dB = 1.23 W/kg = 1.80 dB W/kg

## #42 WCDMA II\_RMC12.2K\_Back\_1cm\_Ch9538\_2D

**DUT: 280818-01**

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_120819 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.569$  mho/m;  $\epsilon_r = 51.934$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch9538/Area Scan (51x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 1.23 W/kg

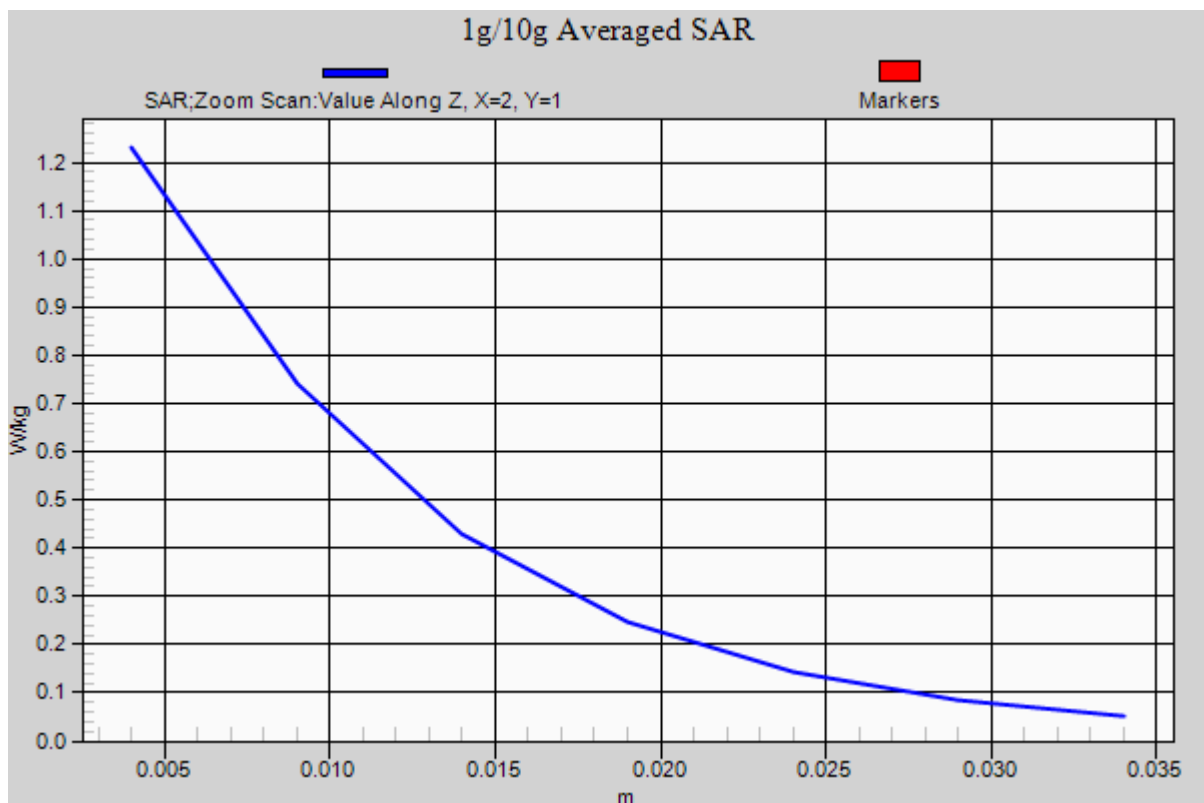
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.926 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.765 mW/g

**SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.608 mW/g**

Maximum value of SAR (measured) = 1.23 W/kg



## #67 WCDMA II\_RMC12.2K\_Back\_1cm\_Ch9538\_Sample2\_Battery2

**DUT: 280818-01**

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_120825 Medium parameters used:  $f = 1908 \text{ MHz}$ ;  $\sigma = 1.511 \text{ mho/m}$ ;  $\epsilon_r = 54.834$ ;  $\rho$

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

Ambient Temperature :  $22.6 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $21.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch9538/Area Scan (51x81x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) =  $1.15 \text{ mW/g}$

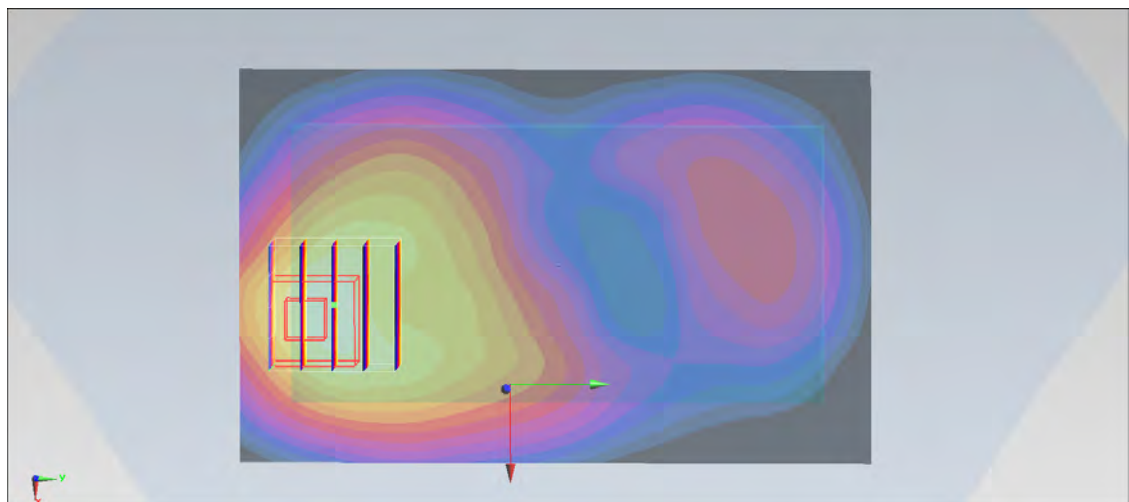
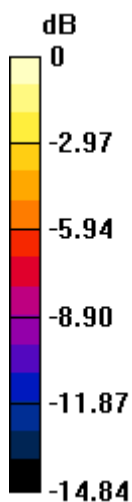
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $9.864 \text{ V/m}$ ; Power Drift =  $-0.19 \text{ dB}$

Peak SAR (extrapolated) =  $1.706 \text{ mW/g}$

**SAR(1 g) =  $1.07 \text{ mW/g}$ ; SAR(10 g) =  $0.600 \text{ mW/g}$**

Maximum value of SAR (measured) =  $1.17 \text{ mW/g}$



$0 \text{ dB} = 1.17 \text{ mW/g} = 1.36 \text{ dB mW/g}$

## #68 WCDMA II\_RMC12.2K\_Back\_1cm\_Ch9262\_Sample2\_Battery2

**DUT: 280818-01**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_120825 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.447$  mho/m;  $\epsilon_r = 54.984$ ;

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

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch9262/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.19 mW/g

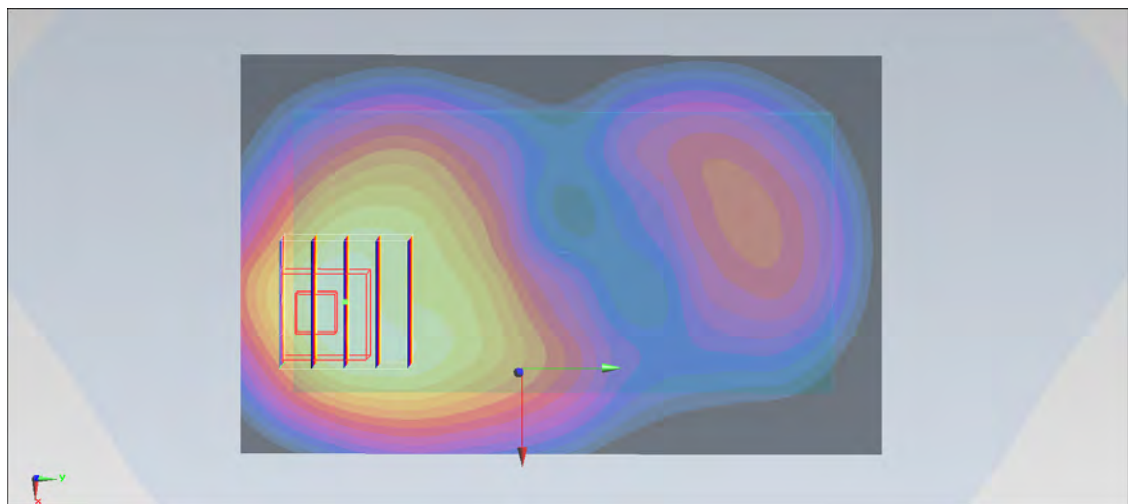
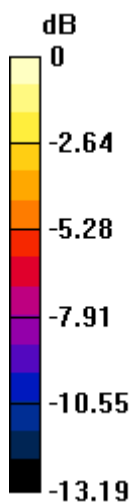
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.405 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.558 mW/g

**SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.600 mW/g**

Maximum value of SAR (measured) = 1.10 mW/g



0 dB = 1.10 mW/g = 0.83 dB mW/g

## #69 WCDMA II\_RMC12.2K\_Back\_1cm\_Ch9400\_Sample2\_Battery2

**DUT: 280818-01**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_120825 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.477$  mho/m;  $\epsilon_r = 54.871$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch9400/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.23 mW/g

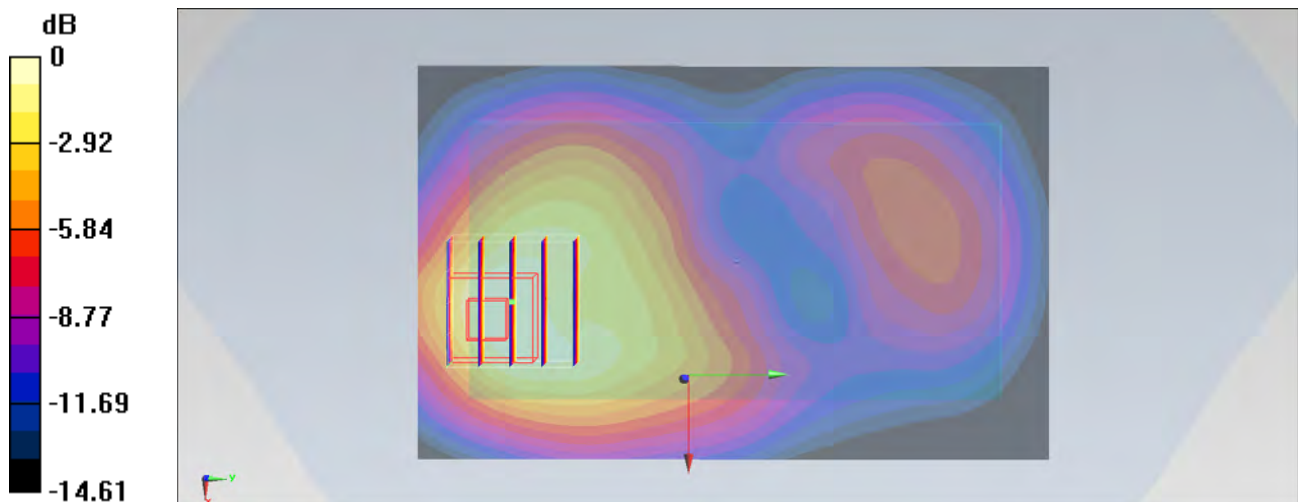
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.025 V/m; Power Drift = -0.148 dB

Peak SAR (extrapolated) = 1.653 mW/g

**SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.591 mW/g**

Maximum value of SAR (measured) = 1.13 mW/g



0 dB = 1.13 mW/g = 1.06 dB mW/g

### #43 WCDMA II\_RMC12.2K\_Left Side\_1cm\_Ch9262

**DUT: 280818-01**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_120819 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.503$  mho/m;  $\epsilon_r = 52.139$ ;

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch9262/Area Scan (31x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.288 W/kg

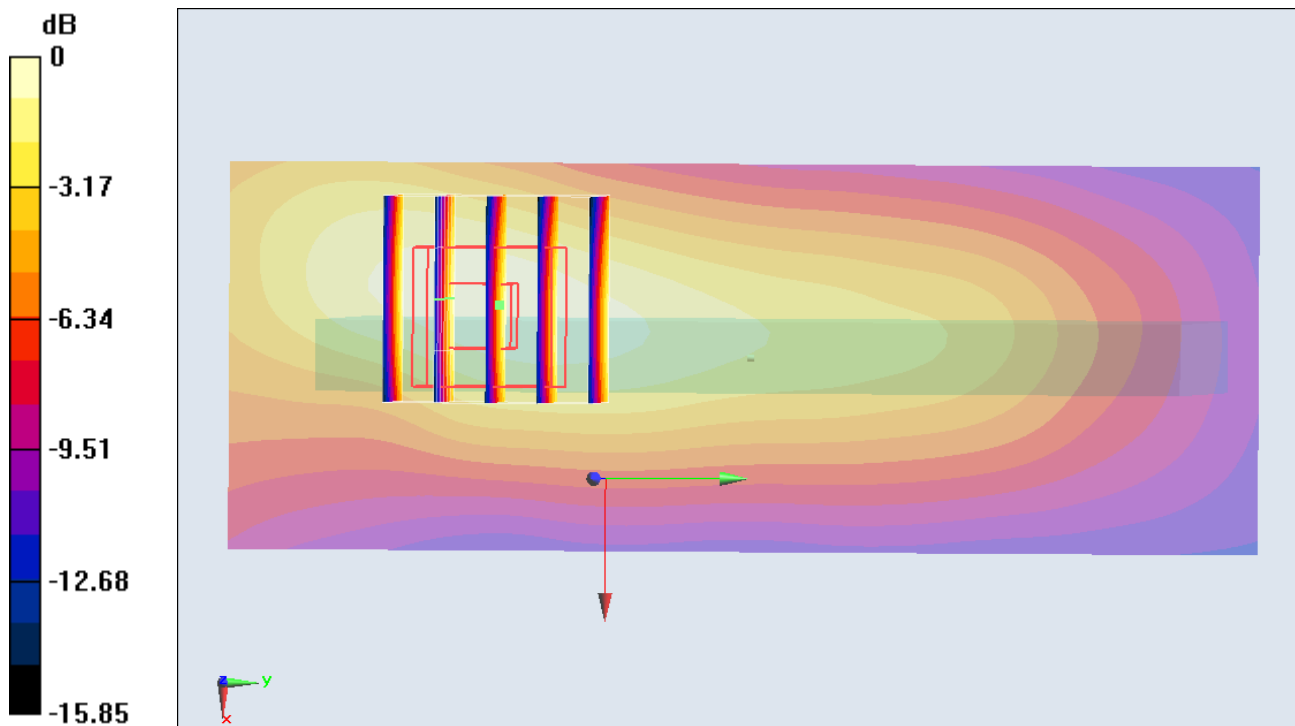
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.104 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.416 mW/g

**SAR(1 g) = 0.276 mW/g; SAR(10 g) = 0.164 mW/g**

Maximum value of SAR (measured) = 0.296 W/kg





### #44 WCDMA II\_RMC12.2K\_Right Side\_1cm\_Ch9262

**DUT: 280818-01**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_120819 Medium parameters used :  $f = 1852.4 \text{ MHz}$ ;  $\sigma = 1.503 \text{ mho/m}$ ;  $\epsilon_r = 52.139$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch9262/Area Scan (31x81x1):** Measurement grid:  $dx=20 \text{ mm}$ ,  $dy=20 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.175 \text{ W/kg}$

**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $7.935 \text{ V/m}$ ; Power Drift =  $-0.13 \text{ dB}$

Peak SAR (extrapolated) =  $0.225 \text{ mW/g}$

**SAR(1 g) =  $0.151 \text{ mW/g}$ ; SAR(10 g) =  $0.091 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.162 \text{ W/kg}$

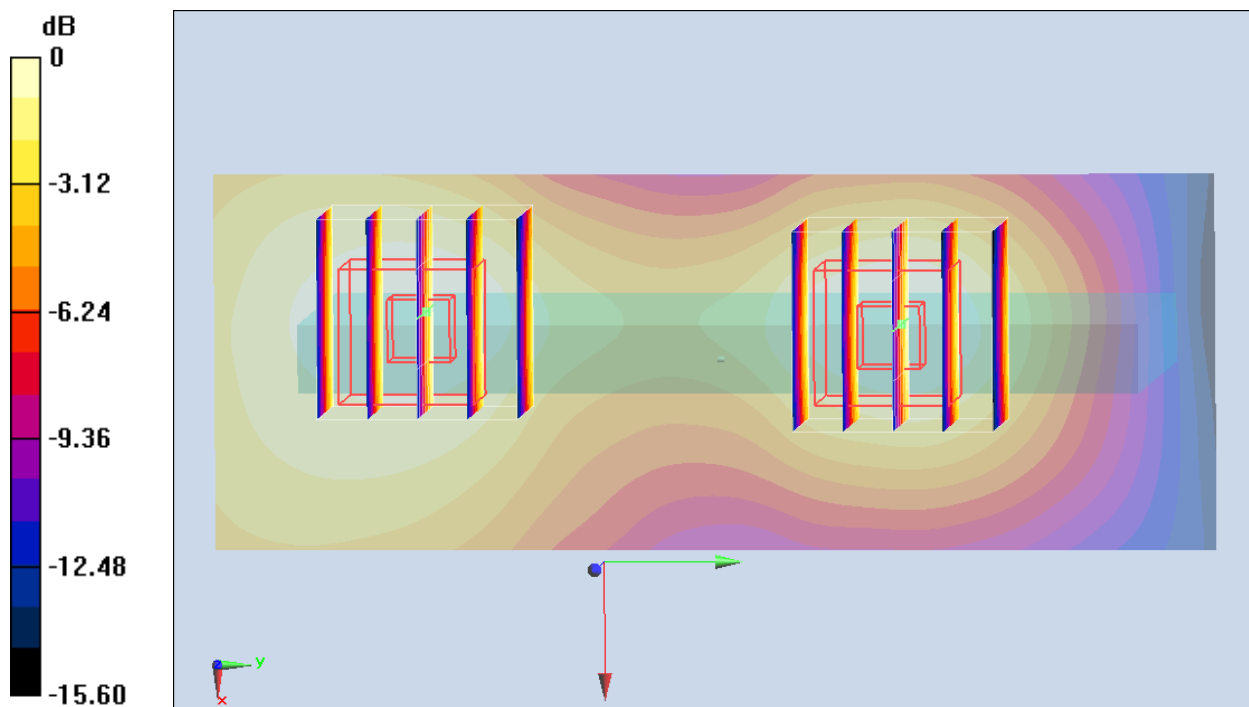
**Ch9262/Zoom Scan (5x5x7)/Cube 1:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $7.935 \text{ V/m}$ ; Power Drift =  $-0.13 \text{ dB}$

Peak SAR (extrapolated) =  $0.222 \text{ mW/g}$

**SAR(1 g) =  $0.150 \text{ mW/g}$ ; SAR(10 g) =  $0.093 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.158 \text{ W/kg}$



0 dB =  $0.158 \text{ W/kg} = -16.03 \text{ dB W/kg}$

## #46 WCDMA II\_RMC12.2K\_Bottom Side\_1cm\_Ch9262

**DUT: 280818-01**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_120819 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.503$  mho/m;  $\epsilon_r = 52.139$ ;

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch9262/Area Scan (31x51x1):** Measurement grid grid: dx=20 mm, dy=20 mm  
 Maximum value of SAR (interpolated) = 0.786 W/kg

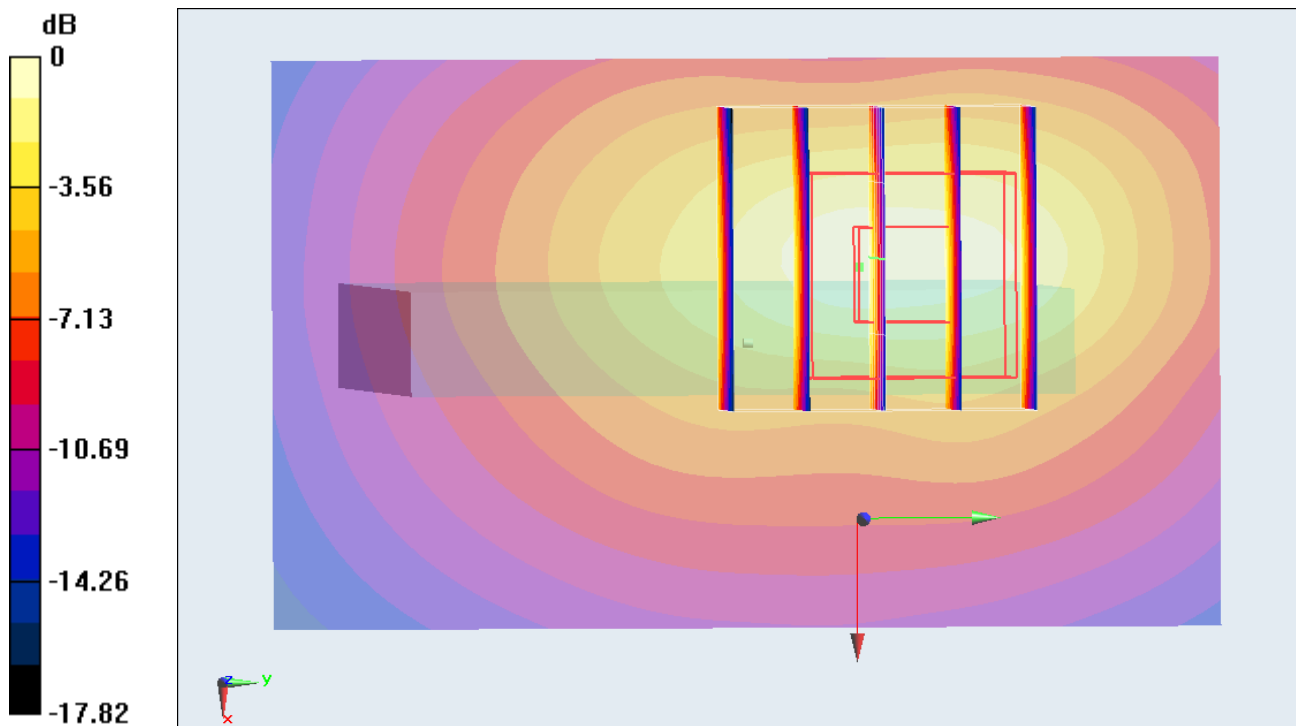
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.129 V/m; Power Drift = 0.124 dB

Peak SAR (extrapolated) = 1.227 mW/g

**SAR(1 g) = 0.771 mW/g; SAR(10 g) = 0.417 mW/g**

Maximum value of SAR (measured) = 0.848 W/kg



0 dB = 0.848 W/kg = -1.43 dB W/kg

### #39 WCDMA II\_RMC12.2K\_Front\_1cm\_Ch9262

**DUT: 280818-01**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_120819 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.503$  mho/m;  $\epsilon_r = 52.139$ ;

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch9262/Area Scan (51x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.836 W/kg

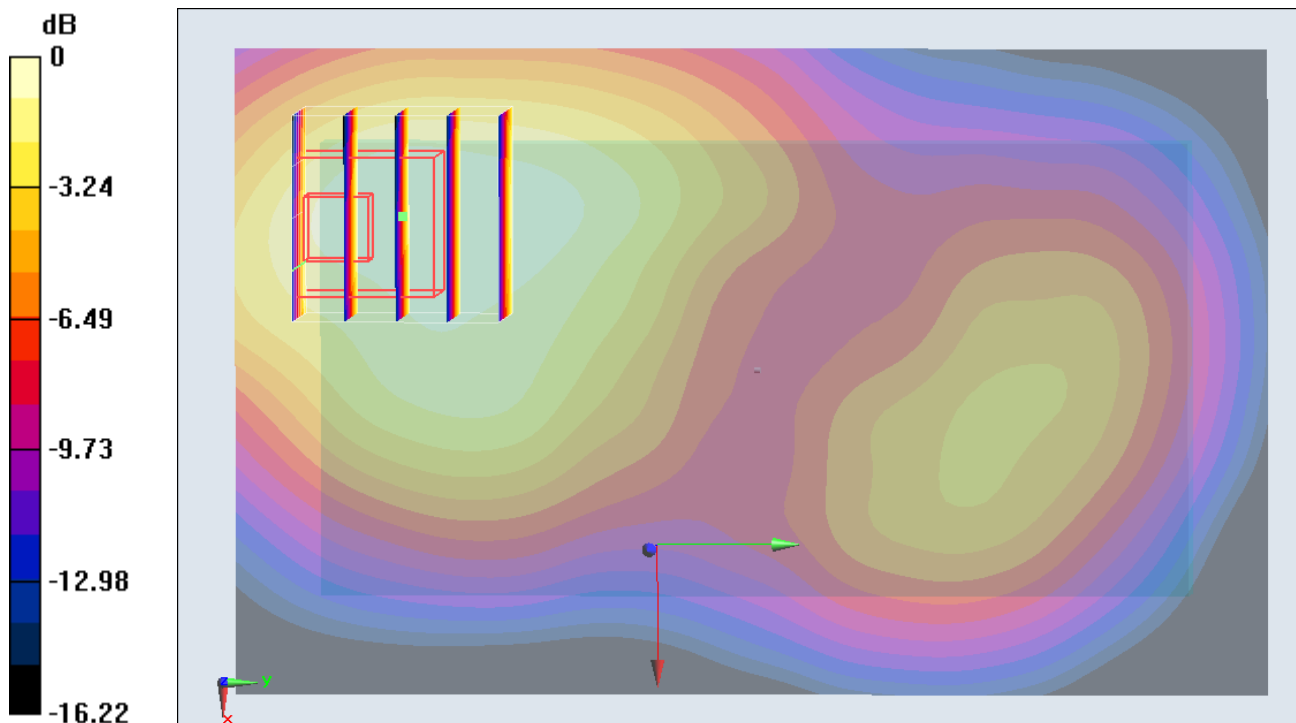
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.599 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.099 mW/g

**SAR(1 g) = 0.681 mW/g; SAR(10 g) = 0.408 mW/g**

Maximum value of SAR (measured) = 0.775 W/kg



0 dB = 0.775 W/kg = -2.21 dB W/kg

## #40 WCDMA II\_RMC12.2K\_Back\_1cm\_Ch9262

**DUT: 280818-01**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_120819 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.503$  mho/m;  $\epsilon_r = 52.139$ ;

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch9262/Area Scan (51x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 1.17 W/kg

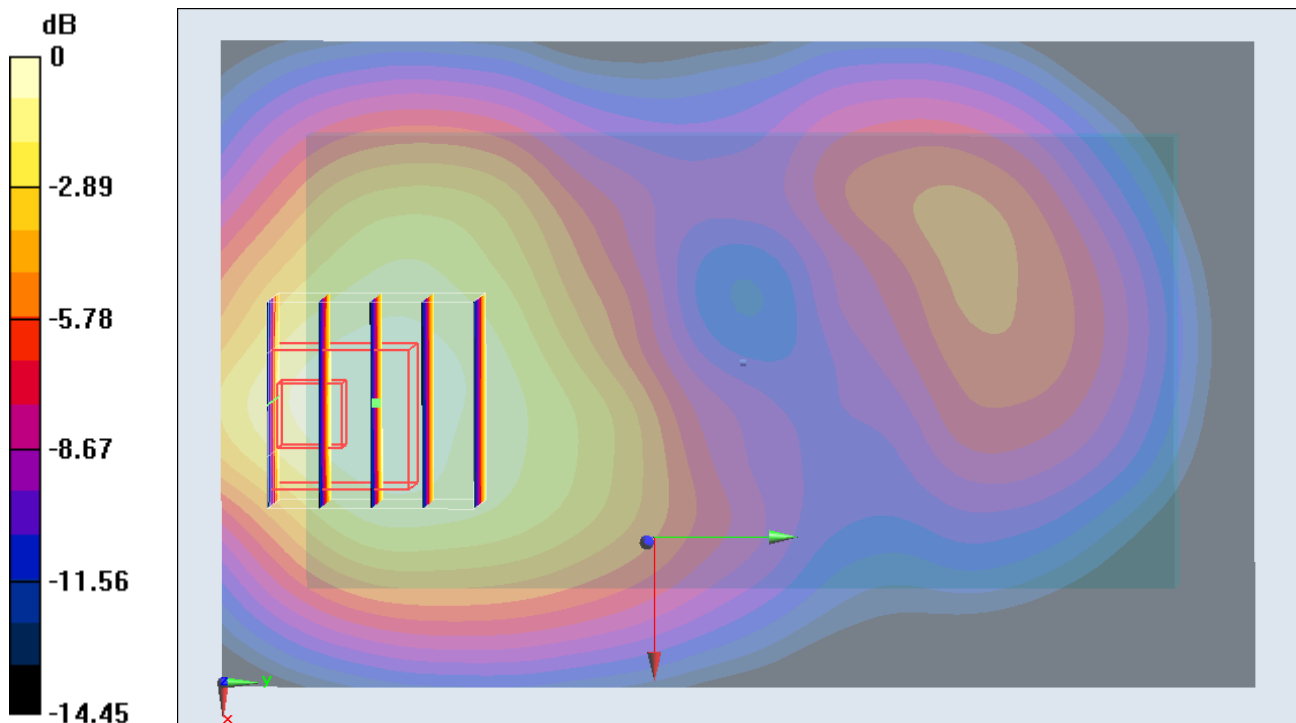
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.868 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.606 mW/g

**SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.610 mW/g**

Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.14 W/kg = 1.14 dB W/kg

## #41 WCDMA II\_RMC12.2K\_Back\_1cm\_Ch9400

**DUT: 280818-01**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_120819 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.535$  mho/m;  $\epsilon_r = 52.043$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch9400/Area Scan (51x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 1.28 W/kg

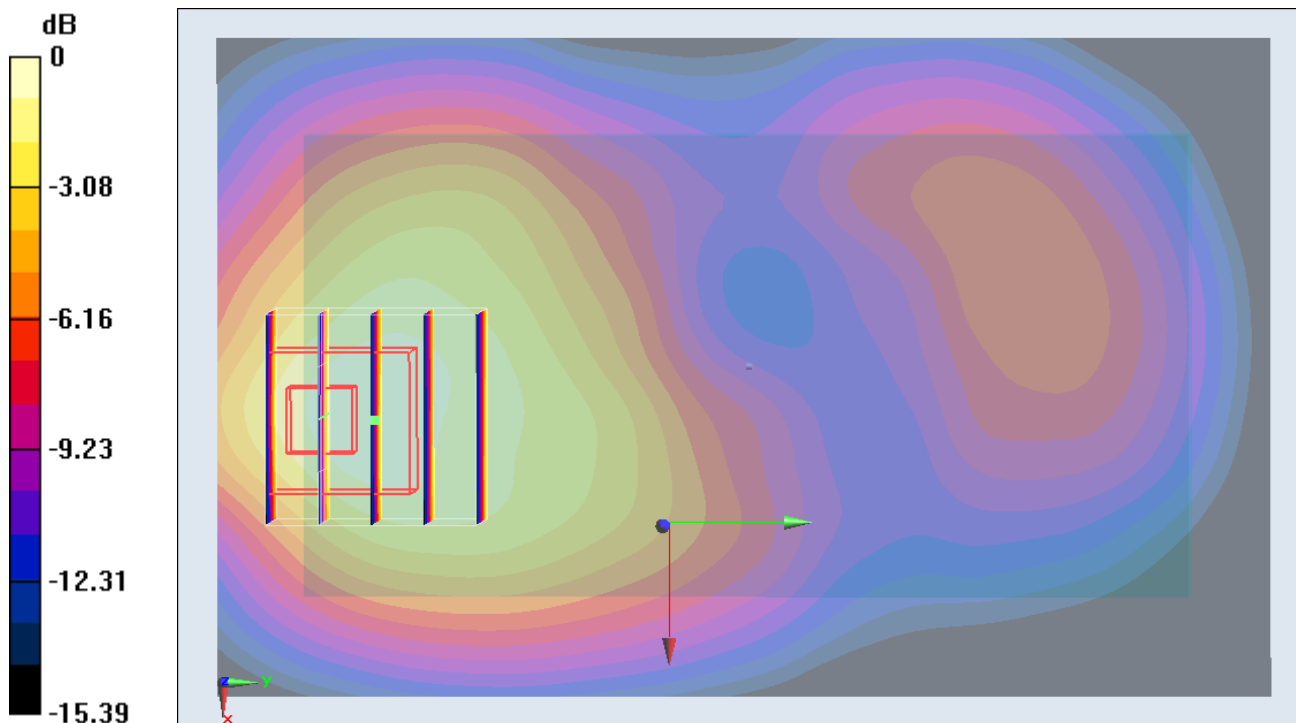
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.791 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.717 mW/g

**SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.618 mW/g**

Maximum value of SAR (measured) = 1.22 W/kg



0 dB = 1.22 W/kg = 1.73 dB W/kg

## #42 WCDMA II\_RMC12.2K\_Back\_1cm\_Ch9538

**DUT: 280818-01**

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_120819 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.569$  mho/m;  $\epsilon_r = 51.934$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch9538/Area Scan (51x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 1.23 W/kg

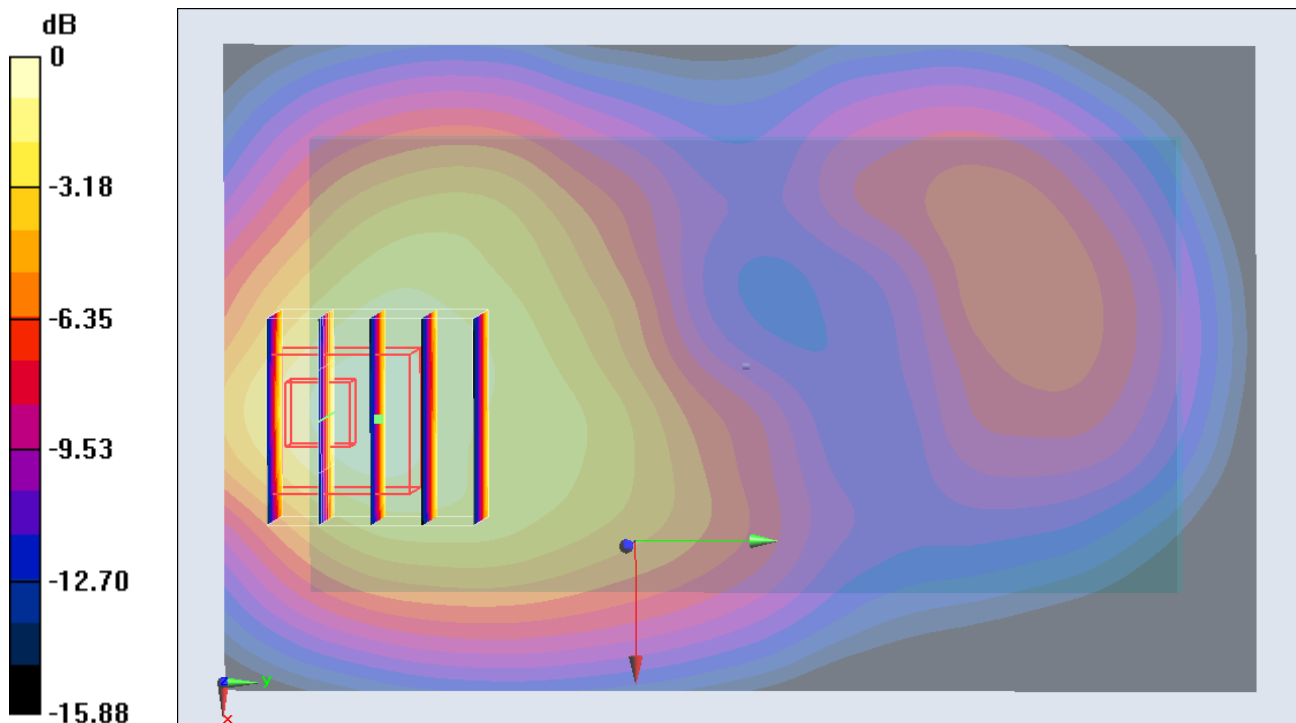
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.926 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.765 mW/g

**SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.608 mW/g**

Maximum value of SAR (measured) = 1.23 W/kg



0 dB = 1.23 W/kg = 1.80 dB W/kg

## #67 WCDMA II\_RMC12.2K\_Back\_1cm\_Ch9538\_Sample2\_Battery2

**DUT: 280818-01**

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_120825 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.511$  mho/m;  $\epsilon_r = 54.834$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch9538/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.15 mW/g

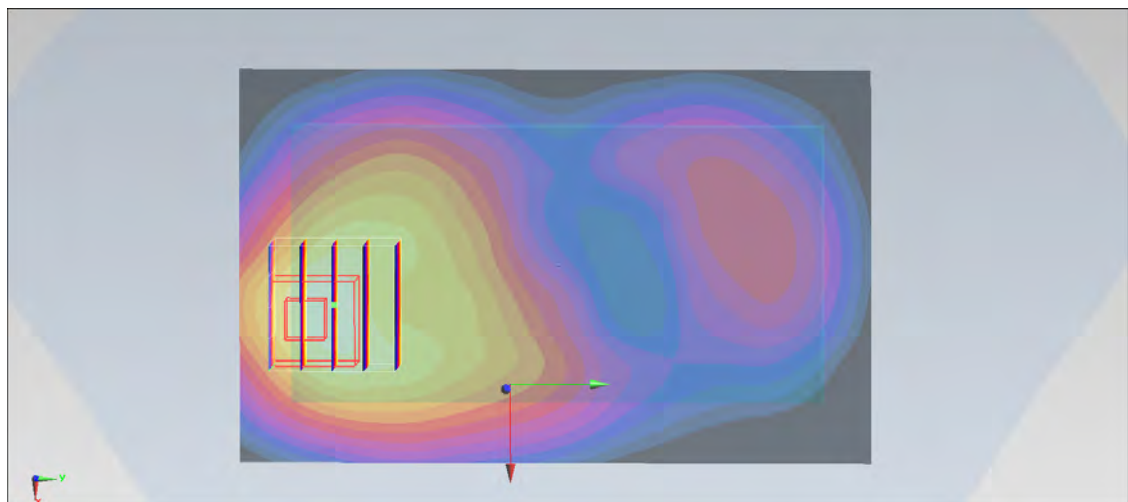
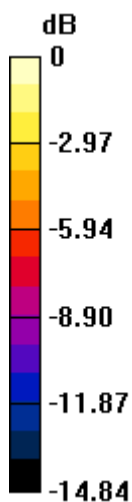
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.864 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.706 mW/g

**SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.600 mW/g**

Maximum value of SAR (measured) = 1.17 mW/g



0 dB = 1.17 mW/g = 1.36 dB mW/g

## #68 WCDMA II\_RMC12.2K\_Back\_1cm\_Ch9262\_Sample2\_Battery2

**DUT: 280818-01**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_120825 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.447$  mho/m;  $\epsilon_r = 54.984$ ;

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

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch9262/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.19 mW/g

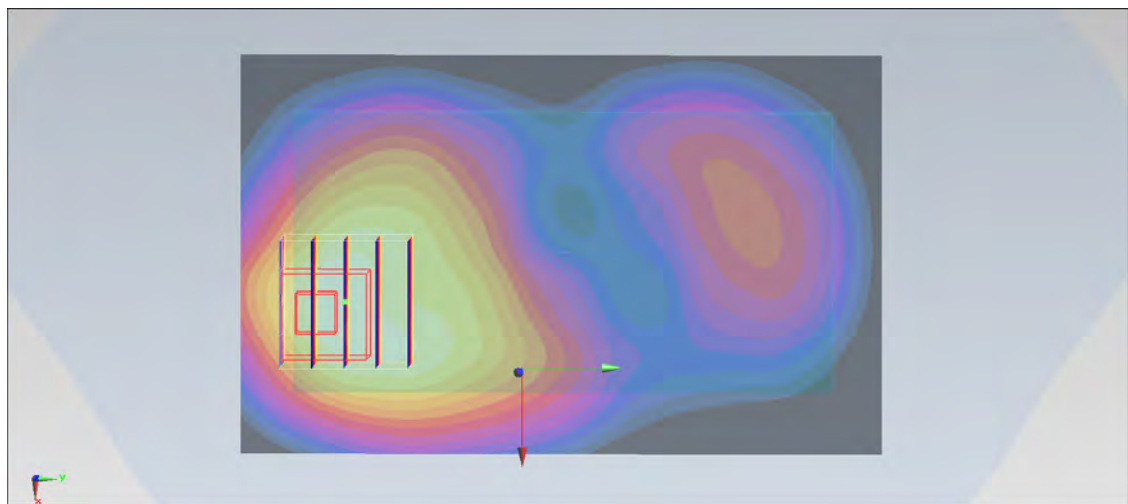
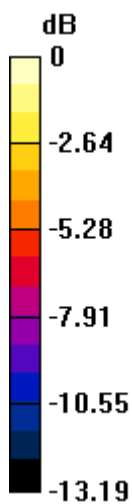
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.405 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.558 mW/g

**SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.600 mW/g**

Maximum value of SAR (measured) = 1.10 mW/g



0 dB = 1.10 mW/g = 0.83 dB mW/g



## #69 WCDMA II\_RMC12.2K\_Back\_1cm\_Ch9400\_Sample2\_Battery2

**DUT: 280818-01**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_120825 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.477$  mho/m;  $\epsilon_r = 54.871$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch9400/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.23 mW/g

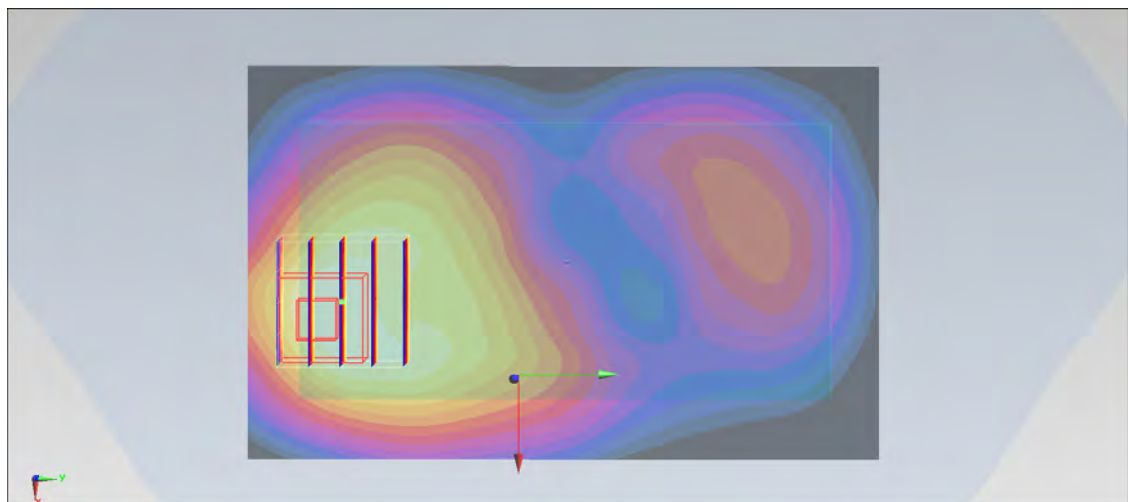
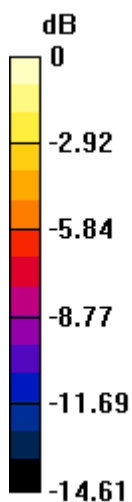
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.025 V/m; Power Drift = -0.148 dB

Peak SAR (extrapolated) = 1.653 mW/g

**SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.591 mW/g**

Maximum value of SAR (measured) = 1.13 mW/g



0 dB = 1.13 mW/g = 1.06 dB mW/g

## #47 WCDMA II\_RMC12.2K\_Back\_1cm\_Ch9262\_Headset 1

**DUT: 280818-01**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_120819 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.503$  mho/m;  $\epsilon_r = 52.139$ ;

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch9262/Area Scan (51x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 1.23 W/kg

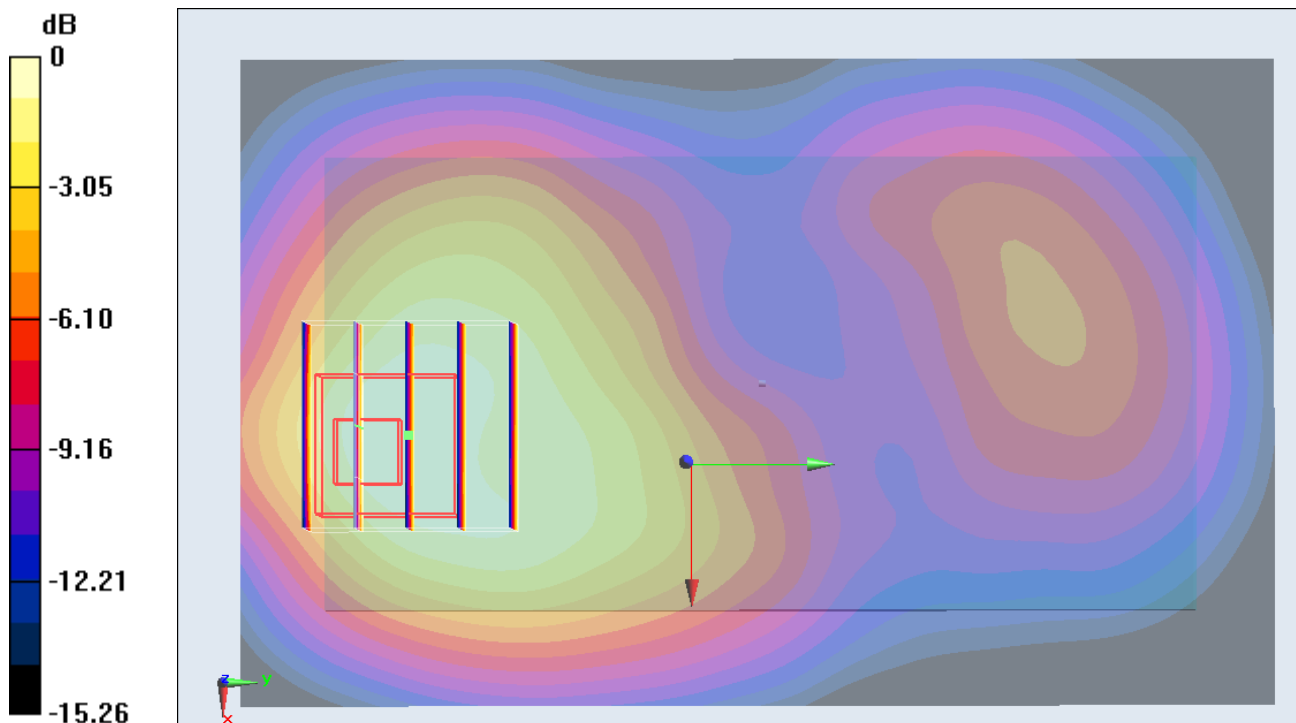
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.430 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.607 mW/g

**SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.589 mW/g**

Maximum value of SAR (measured) = 1.10 W/kg



0 dB = 1.10 W/kg = 0.83 dB W/kg

## #48 WCDMA II\_RMC12.2K\_Back\_1cm\_Ch9400\_Headset 1

**DUT: 280818-01**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_120819 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.535$  mho/m;  $\epsilon_r = 52.043$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch9400/Area Scan (51x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 1.28 W/kg

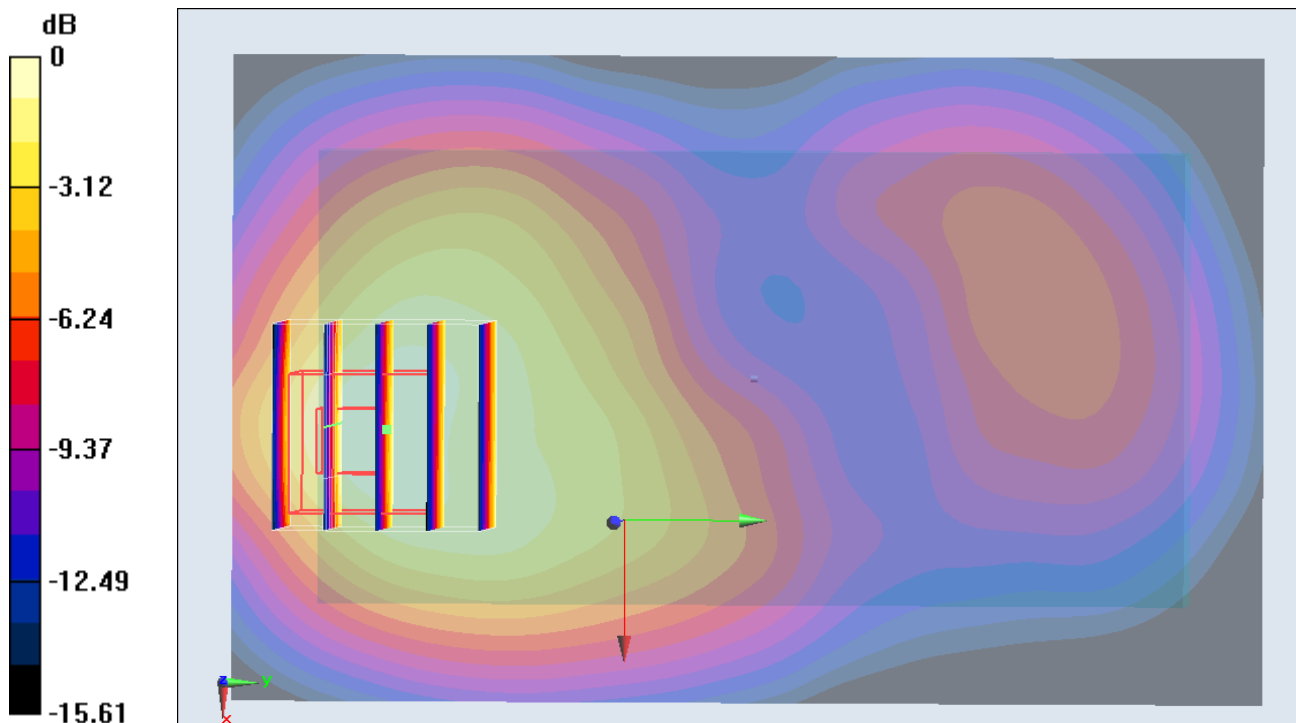
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.508 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.671 mW/g

**SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.592 mW/g**

Maximum value of SAR (measured) = 1.17 W/kg



0 dB = 1.17 W/kg = 1.36 dB W/kg

## #49 WCDMA II\_RMC12.2K\_Back\_1cm\_Ch9538\_Headset 1

**DUT: 280818-01**

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_120819 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.569$  mho/m;  $\epsilon_r = 51.934$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.58, 4.58, 4.58); Calibrated: 2012/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: SAM Left; Type: QD000P40CD; Serial: TP:1542
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch9538/Area Scan (51x81x1):** Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 1.21 W/kg

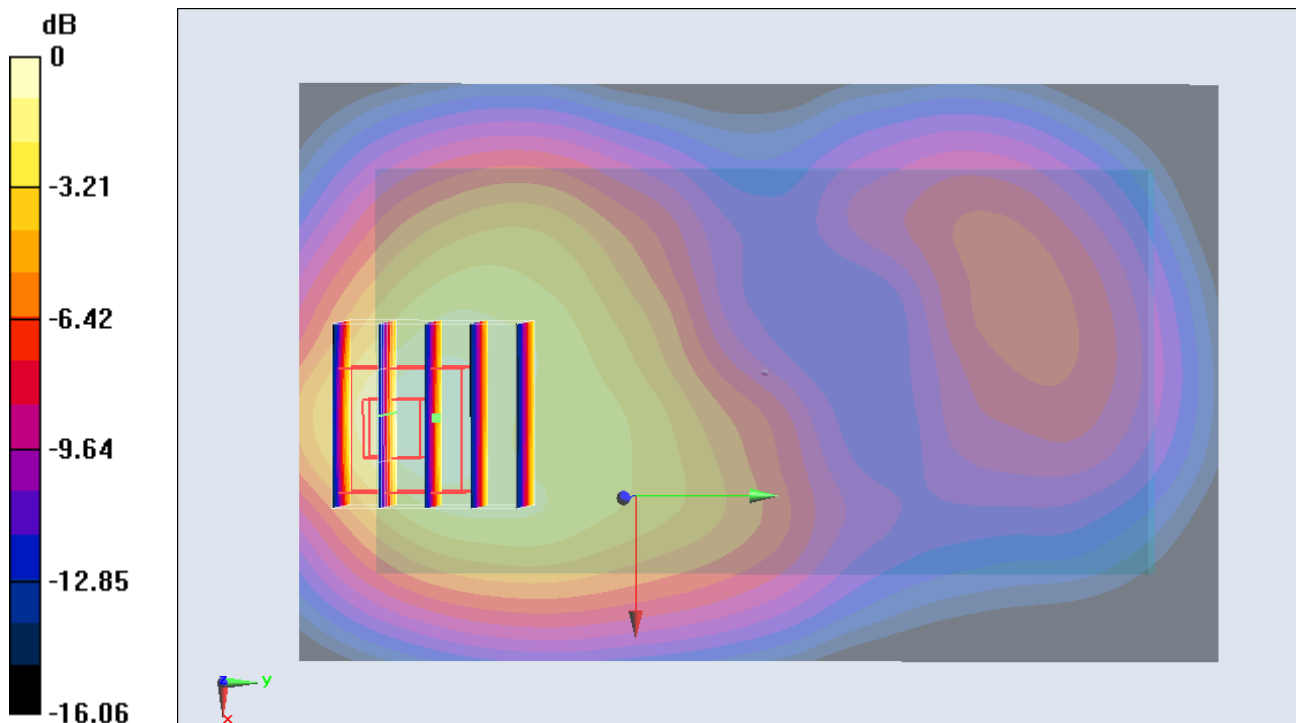
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.400 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.653 mW/g

**SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.564 mW/g**

Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.14 W/kg = 1.14 dB W/kg

## #70 WCDMA II\_RMC12.2K\_Back\_1cm\_Ch9538\_Sample2\_Battery2\_Headset2

**DUT: 280818-01**

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_120825 Medium parameters used:  $f = 1908 \text{ MHz}$ ;  $\sigma = 1.511 \text{ mho/m}$ ;  $\epsilon_r = 54.834$ ;  $\rho$

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

Ambient Temperature :  $22.6 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $21.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch9538/Area Scan (51x81x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) =  $1.01 \text{ mW/g}$

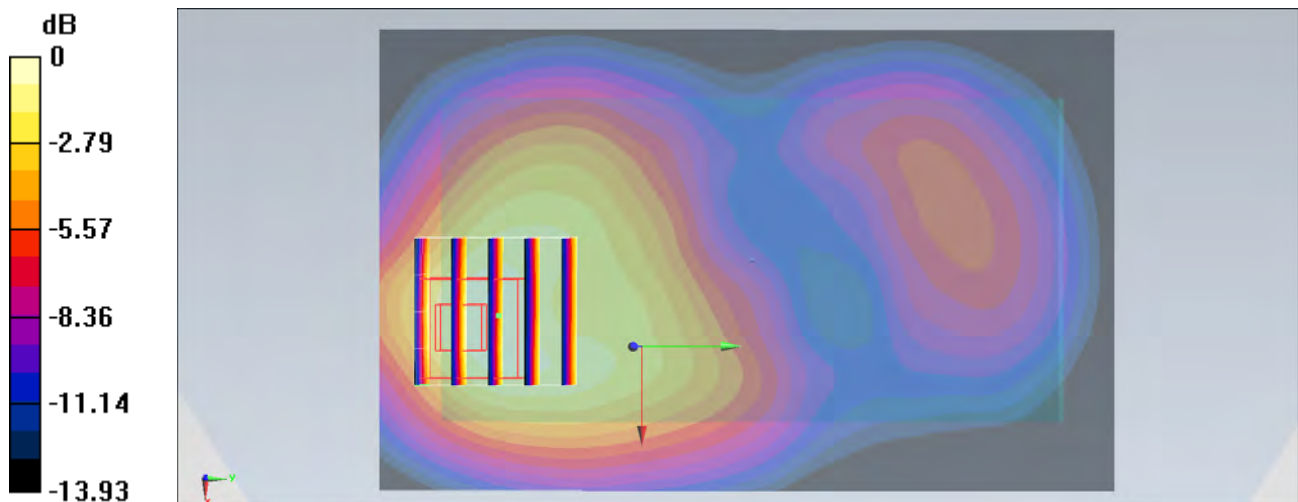
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $9.692 \text{ V/m}$ ; Power Drift =  $0.16 \text{ dB}$

Peak SAR (extrapolated) =  $1.551 \text{ mW/g}$

**SAR(1 g) =  $0.961 \text{ mW/g}$ ; SAR(10 g) =  $0.548 \text{ mW/g}$**

Maximum value of SAR (measured) =  $1.03 \text{ mW/g}$



$0 \text{ dB} = 1.03 \text{ mW/g} = 0.26 \text{ dB mW/g}$

## #71 WCDMA II\_RMC12.2K\_Back\_1cm\_Ch9262\_Sample2\_Battery2\_Headset2

**DUT: 280818-01**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_120825 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.447$  mho/m;  $\epsilon_r = 54.984$ ;

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

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch9262/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.13 mW/g

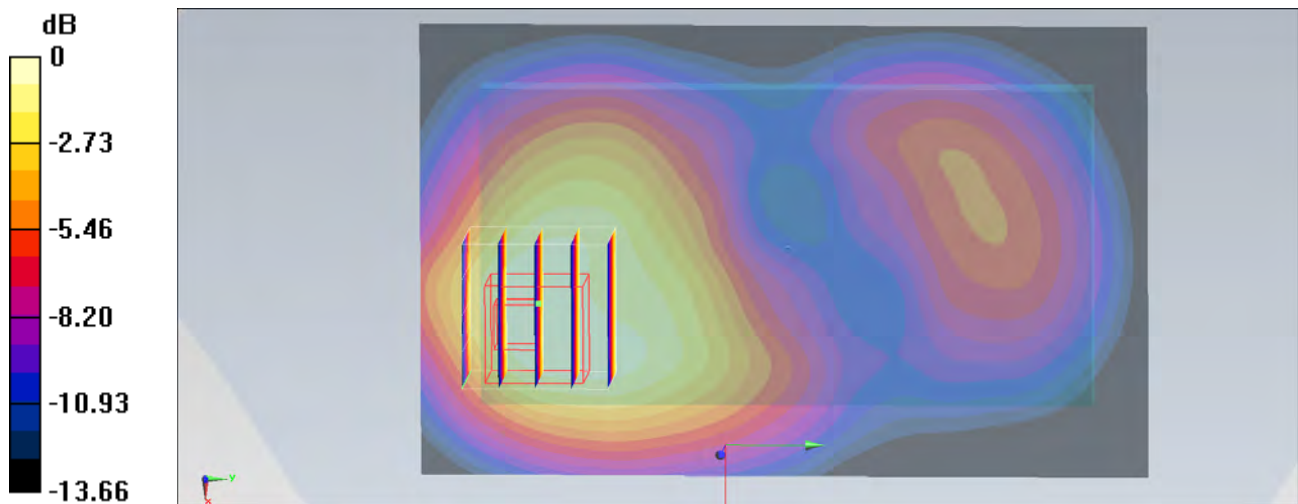
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.761 V/m; Power Drift = -0.120 dB

Peak SAR (extrapolated) = 1.502 mW/g

**SAR(1 g) = 0.943 mW/g; SAR(10 g) = 0.566 mW/g**

Maximum value of SAR (measured) = 1.02 mW/g



0 dB = 1.02 mW/g = 0.17 dB mW/g

## #72 WCDMA II\_RMC12.2K\_Back\_1cm\_Ch9400\_Sample2\_Battery2\_Headset2

**DUT: 280818-01**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_120825 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.477$  mho/m;  $\epsilon_r = 54.871$ ;  $\rho$

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

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

DASY5 Configuration:

- Probe: ET3DV6R - SN1788; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/1/26;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2012/6/6
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Software: DASY5 Version; SEMCAD X Version 14.6.6 (6477)

**Ch9400/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.05 mW/g

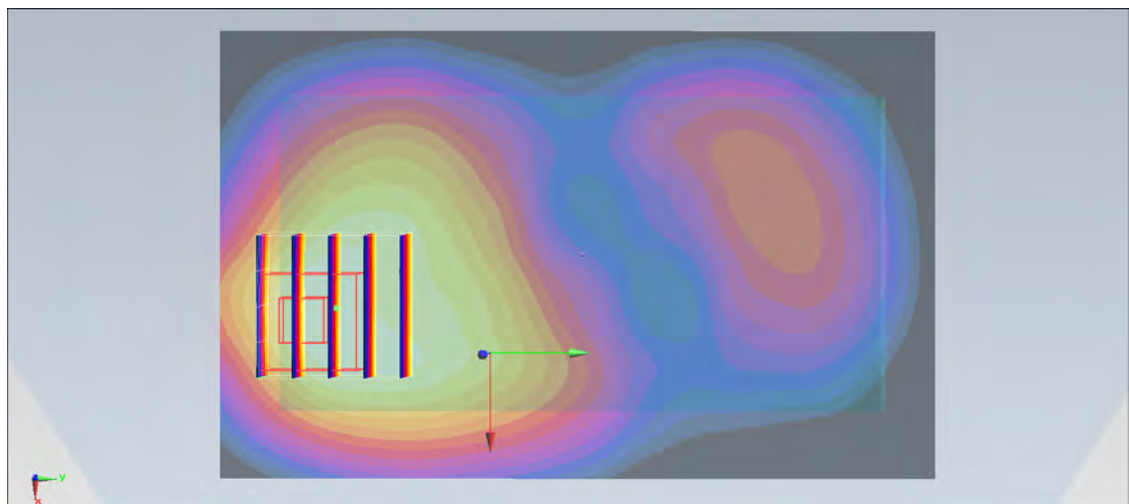
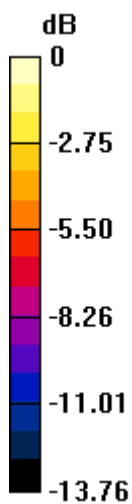
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.161 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.474 mW/g

**SAR(1 g) = 0.923 mW/g; SAR(10 g) = 0.538 mW/g**

Maximum value of SAR (measured) = 0.994 mW/g



0 dB = 0.994 mW/g = -0.05 dB mW/g

### #144 WCDMA II\_RMC12.2K\_Back\_1cm\_Ch9262\_Sample1\_Battery1\_Headset3

**DUT: 280818-01**

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_120905 Medium parameters used (interpolated):  $f = 1852.4$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r =$

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.29, 7.29, 7.29); Calibrated: 2012/6/21

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn495; Calibrated: 2012/4/23

- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303

- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9262/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.15 mW/g

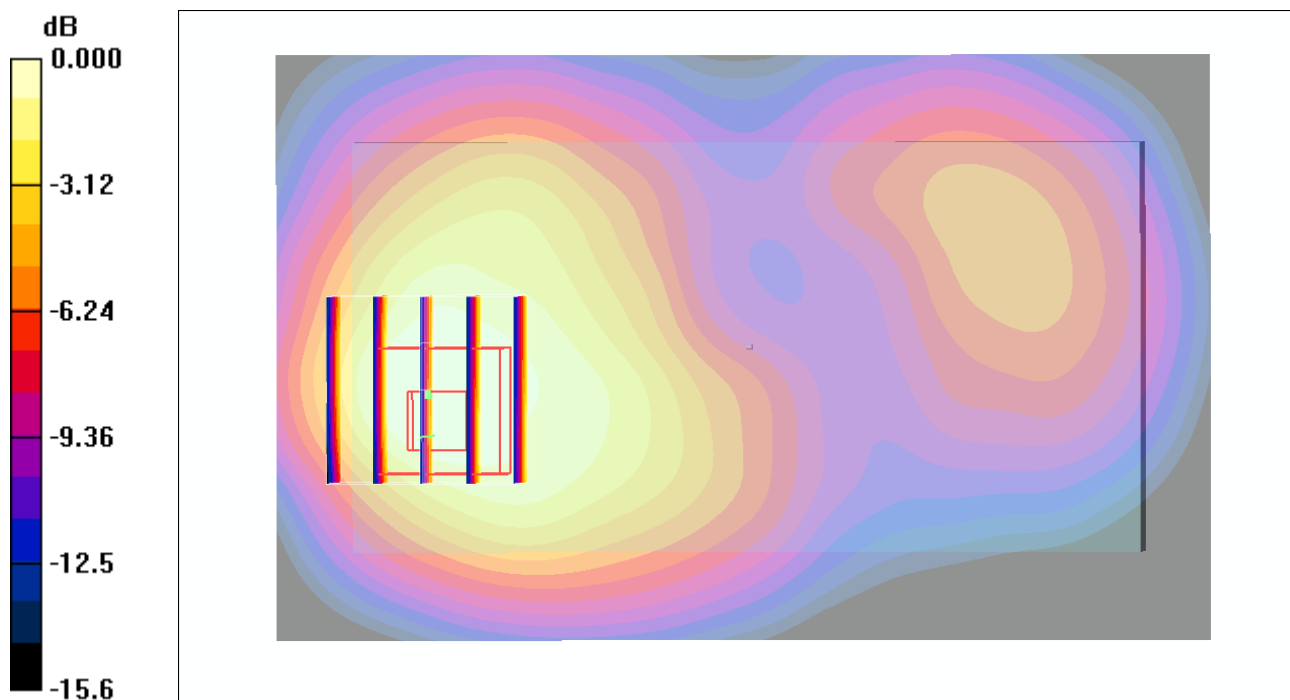
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.90 V/m; Power Drift = 0.058 dB

Peak SAR (extrapolated) = 1.62 W/kg

**SAR(1 g) = 0.907 mW/g; SAR(10 g) = 0.525 mW/g**

Maximum value of SAR (measured) = 0.978 mW/g



0 dB = 0.978mW/g



### #145 WCDMA II\_RMC12.2K\_Back\_1cm\_Ch9400\_Sample1\_Battery1\_Headset3

**DUT: 280818-01**

Communication System: WCDMA; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_120905 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 53.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.29, 7.29, 7.29); Calibrated: 2012/6/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9400/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.07 mW/g

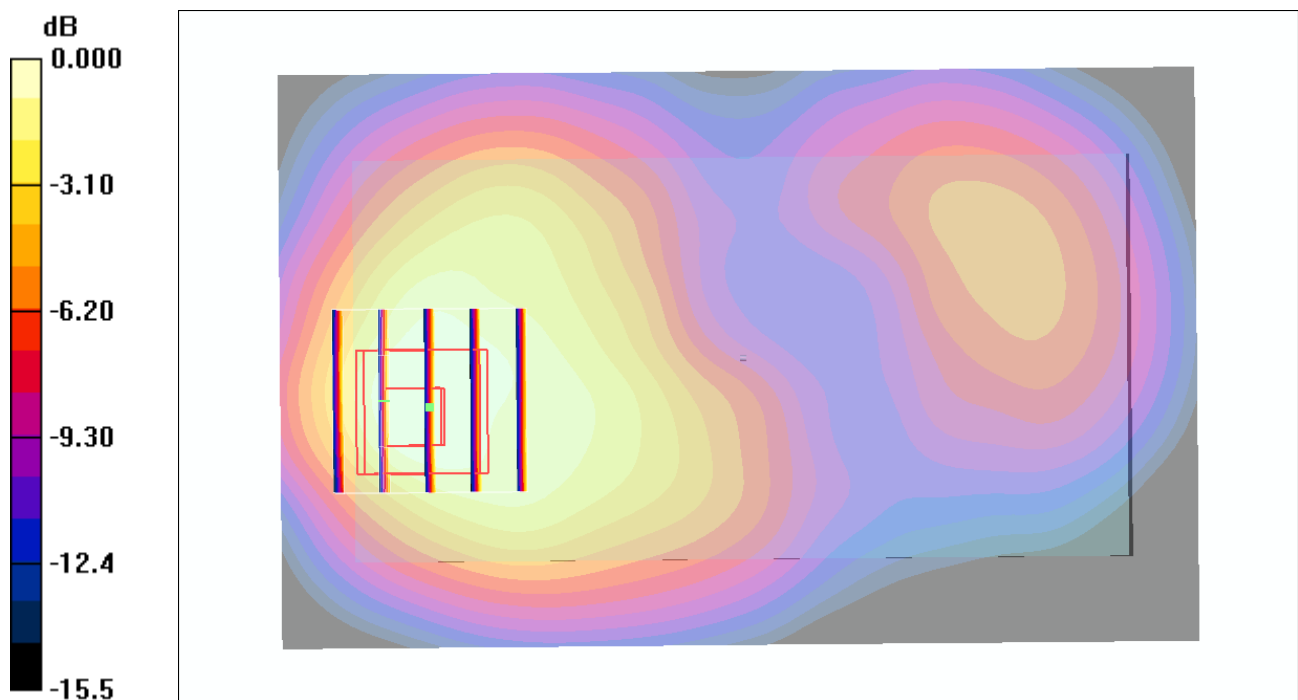
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.51 V/m; Power Drift = 0.032 dB

Peak SAR (extrapolated) = 1.46 W/kg

**SAR(1 g) = 0.833 mW/g; SAR(10 g) = 0.473 mW/g**

Maximum value of SAR (measured) = 0.905 mW/g



0 dB = 0.905mW/g

### #146 WCDMA II\_RMC12.2K\_Back\_1cm\_Ch9538\_Sample1\_Battery1\_Headset3

**DUT: 280818-01**

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_120905 Medium parameters used:  $f = 1908 \text{ MHz}$ ;  $\sigma = 1.53 \text{ mho/m}$ ;  $\epsilon_r = 53.2$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.29, 7.29, 7.29); Calibrated: 2012/6/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9538/Area Scan (51x81x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 1.08 mW/g

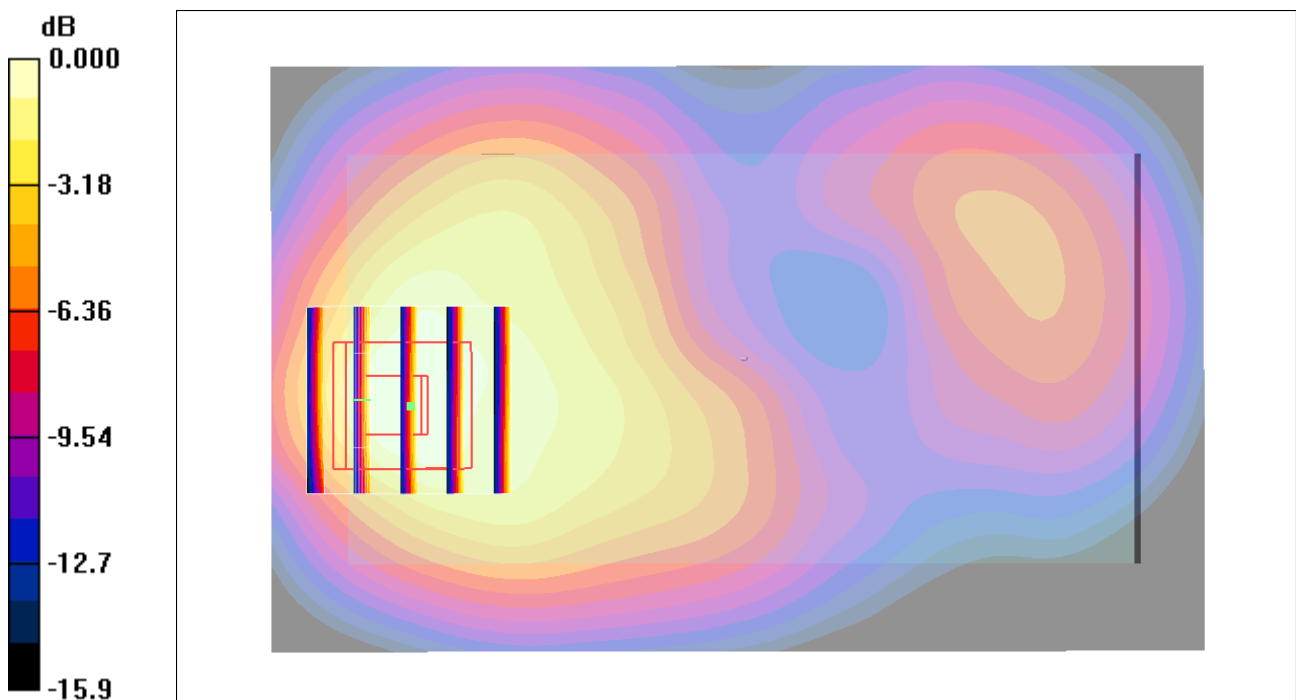
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 9.64 V/m; Power Drift = -0.073 dB

Peak SAR (extrapolated) = 1.51 W/kg

**SAR(1 g) = 0.863 mW/g; SAR(10 g) = 0.478 mW/g**

Maximum value of SAR (measured) = 0.916 mW/g



0 dB = 0.916mW/g

## #125 WLAN2.4G\_802.11b\_Front\_1cm\_Ch1

**DUT: 280818-01**

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_120903 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.96$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch1/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.153 mW/g

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

Reference Value = 5.52 V/m; Power Drift = 0.197 dB

Peak SAR (extrapolated) = 0.241 W/kg

**SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.081 mW/g**

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

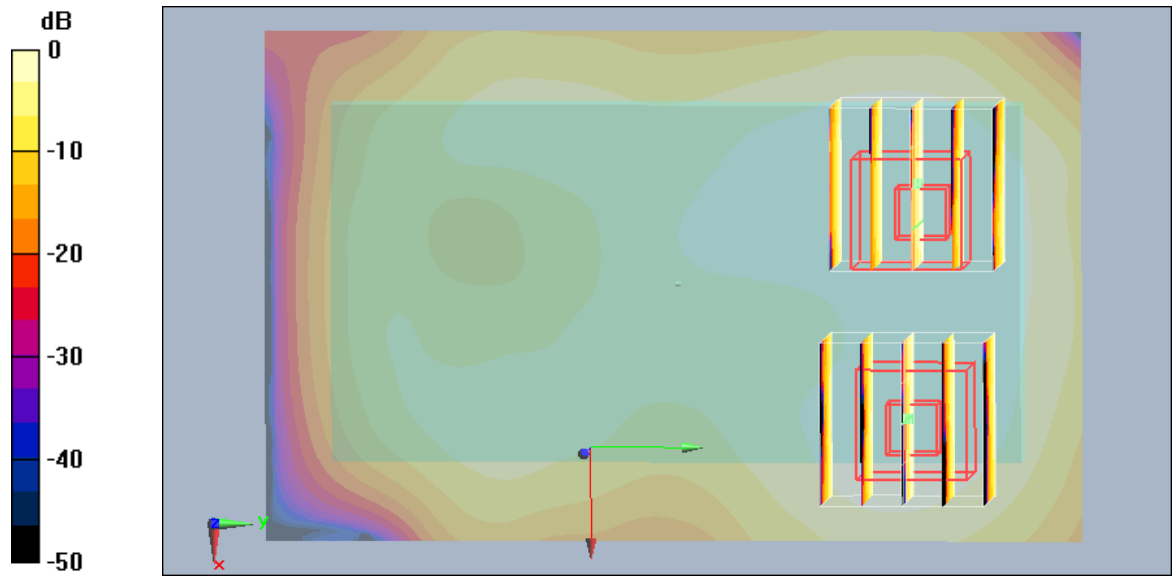
**Ch1/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.52 V/m; Power Drift = 0.197 dB

Peak SAR (extrapolated) = 0.233 W/kg

**SAR(1 g) = 0.121 mW/g; SAR(10 g) = 0.062 mW/g**

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



0 dB = 0.133mW/g

## #126 WLAN2.4G\_802.11b\_Back\_1cm\_Ch1

### DUT: 280818-01

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_120903 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.96$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch1/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

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

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

Reference Value = 6.16 V/m; Power Drift = 0.190 dB

Peak SAR (extrapolated) = 0.316 W/kg

**SAR(1 g) = 0.178 mW/g; SAR(10 g) = 0.098 mW/g**

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

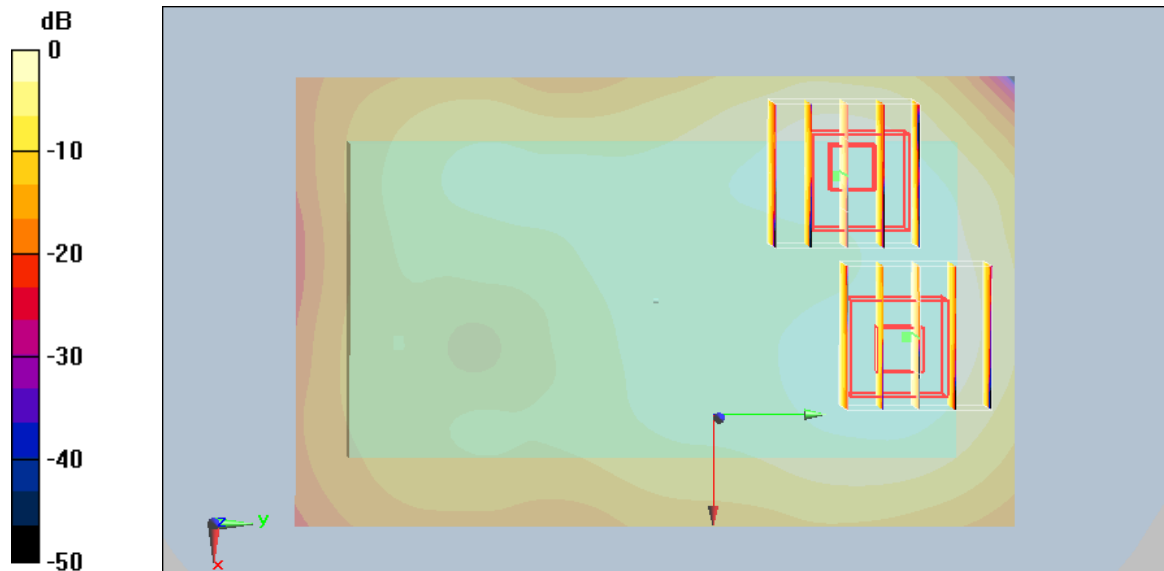
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.16 V/m; Power Drift = 0.190 dB

Peak SAR (extrapolated) = 0.344 W/kg

**SAR(1 g) = 0.175 mW/g; SAR(10 g) = 0.086 mW/g**

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



0 dB = 0.195mW/g

### #126 WLAN2.4G\_802.11b\_Back\_1cm\_Ch1\_2D

**DUT: 280818-01**

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_120903 Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.96 \text{ mho/m}$ ;  $\epsilon_r = 54$ ;  $\rho = 1000 \text{ kg/m}^3$

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

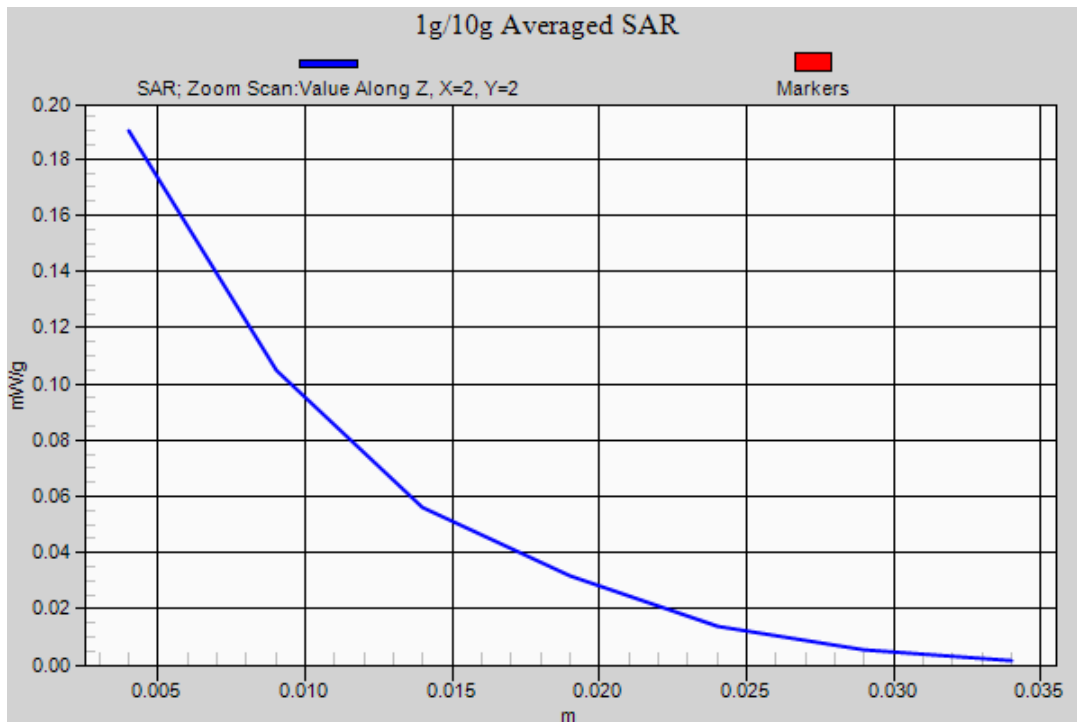
DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch1/Area Scan (51x81x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$   
Maximum value of SAR (interpolated) =  $0.199 \text{ mW/g}$

**Ch1/Zoom Scan (5x5x7)/Cube 1:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value =  $6.16 \text{ V/m}$ ; Power Drift =  $0.190 \text{ dB}$   
Peak SAR (extrapolated) =  $0.316 \text{ W/kg}$   
**SAR(1 g) =  $0.178 \text{ mW/g}$ ; SAR(10 g) =  $0.098 \text{ mW/g}$**   
Maximum value of SAR (measured) =  $0.190 \text{ mW/g}$

**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value =  $6.16 \text{ V/m}$ ; Power Drift =  $0.190 \text{ dB}$   
Peak SAR (extrapolated) =  $0.344 \text{ W/kg}$   
**SAR(1 g) =  $0.175 \text{ mW/g}$ ; SAR(10 g) =  $0.086 \text{ mW/g}$**   
Maximum value of SAR (measured) =  $0.195 \text{ mW/g}$



## #130 WLAN2.4G\_802.11b\_Back\_1cm\_Ch1\_Sample2\_Battery2

**DUT: 280818-01**

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_120903 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.96$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch1/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

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

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

Reference Value = 6.29 V/m; Power Drift = 0.141 dB

Peak SAR (extrapolated) = 0.325 W/kg

**SAR(1 g) = 0.165 mW/g; SAR(10 g) = 0.080 mW/g**

Maximum value of SAR (measured) = 0.185 mW/g

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

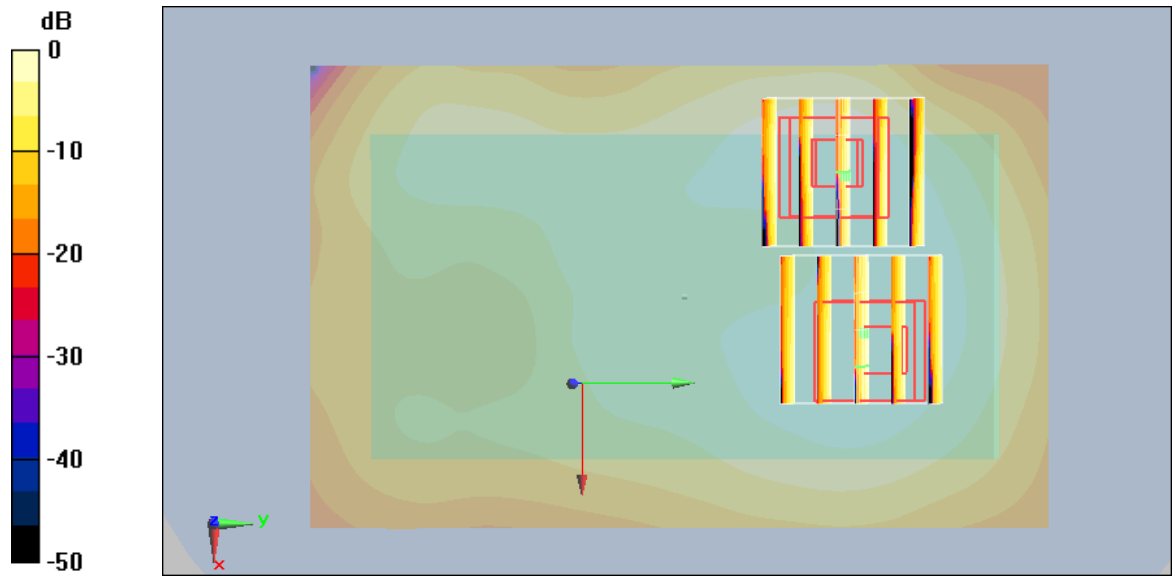
Reference Value = 6.29 V/m; Power Drift = 0.141 dB

Peak SAR (extrapolated) = 0.279 W/kg

**SAR(1 g) = 0.158 mW/g; SAR(10 g) = 0.088 mW/g**

Maximum value of SAR (measured) = 0.168 mW/g





0 dB = 0.168mW/g

**#127 WLAN2.4G\_802.11b\_Right Side\_1cm\_Ch1**

**DUT: 280818-01**

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_120903 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.96$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch1/Area Scan (31x81x1):** Measurement grid: dx=20mm, dy=20mm

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

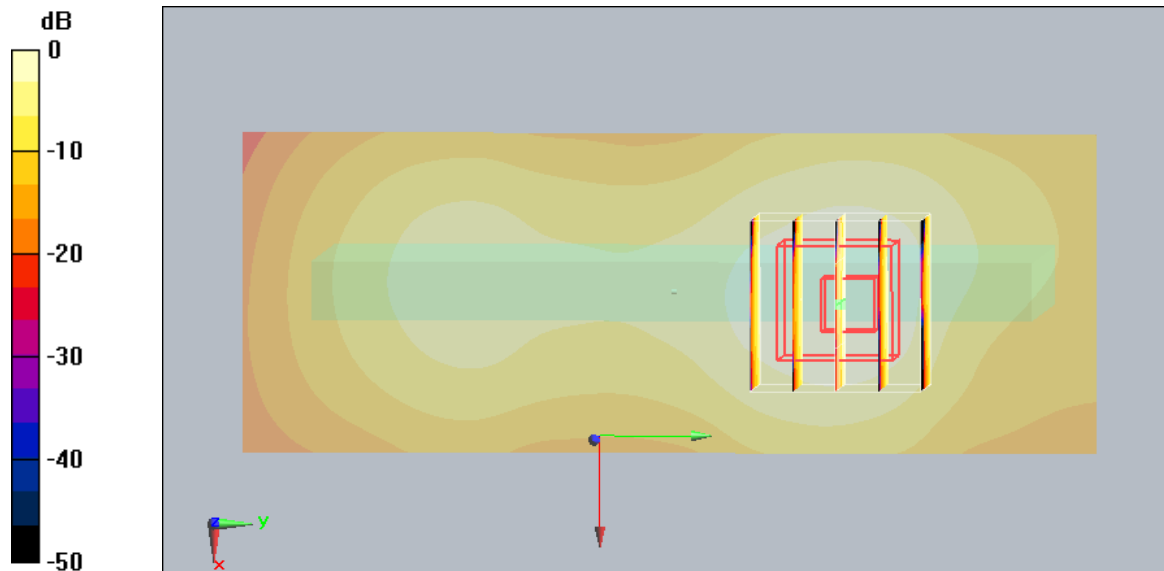
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.79 V/m; Power Drift = 0.176 dB

Peak SAR (extrapolated) = 0.238 W/kg

**SAR(1 g) = 0.126 mW/g; SAR(10 g) = 0.065 mW/g**

Maximum value of SAR (measured) = 0.139 mW/g



0 dB = 0.139mW/g

**#128 WLAN2.4G\_802.11b\_Top Side\_1cm\_Ch1**

**DUT: 280818-01**

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_120903 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.96$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch1/Area Scan (31x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.131 mW/g

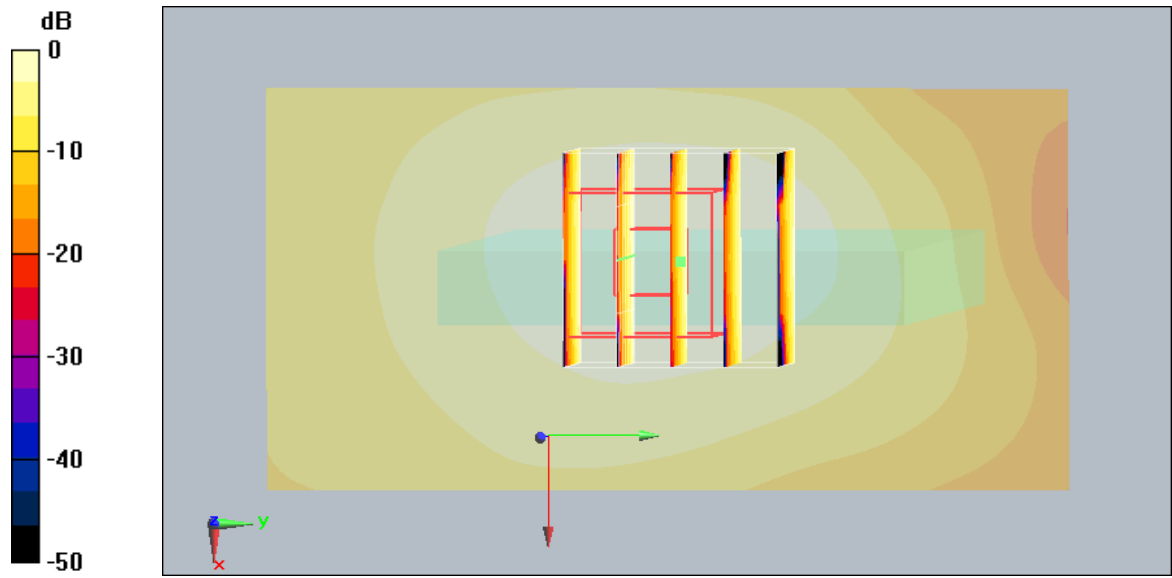
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.12 V/m; Power Drift = 0.191 dB

Peak SAR (extrapolated) = 0.222 W/kg

**SAR(1 g) = 0.122 mW/g; SAR(10 g) = 0.065 mW/g**

Maximum value of SAR (measured) = 0.134 mW/g



0 dB = 0.134mW/g

## #125 WLAN2.4G\_802.11b\_Front\_1cm\_Ch1

**DUT: 280818-01**

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_120903 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.96$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch1/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.153 mW/g

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

Reference Value = 5.52 V/m; Power Drift = 0.197 dB

Peak SAR (extrapolated) = 0.241 W/kg

**SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.081 mW/g**

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

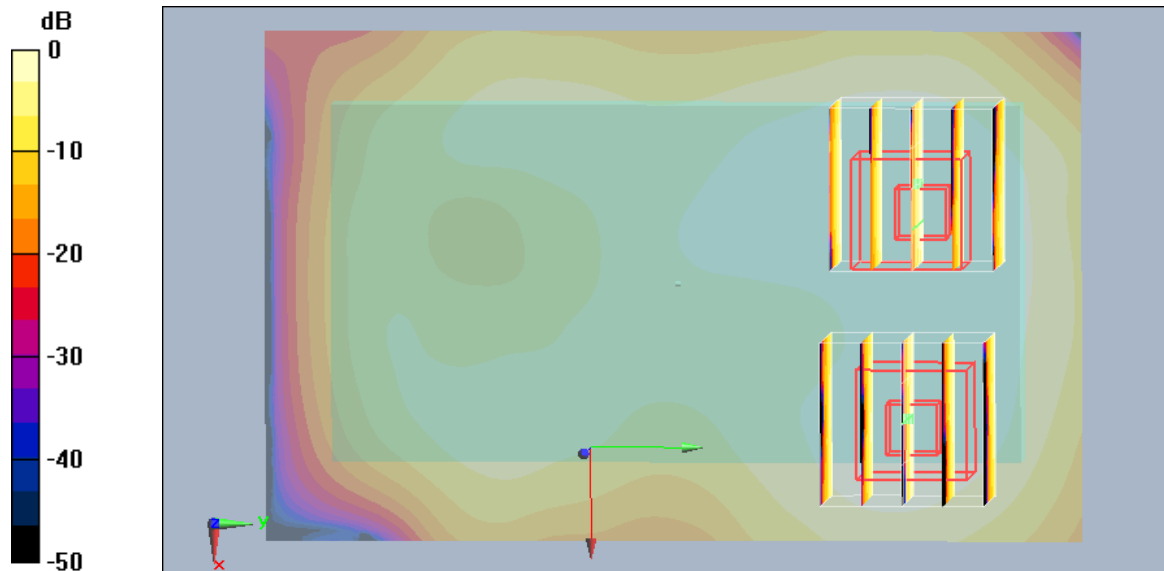
**Ch1/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.52 V/m; Power Drift = 0.197 dB

Peak SAR (extrapolated) = 0.233 W/kg

**SAR(1 g) = 0.121 mW/g; SAR(10 g) = 0.062 mW/g**

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



0 dB = 0.133mW/g

## #126 WLAN2.4G\_802.11b\_Back\_1cm\_Ch1

**DUT: 280818-01**

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_120903 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.96$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch1/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

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

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

Reference Value = 6.16 V/m; Power Drift = 0.190 dB

Peak SAR (extrapolated) = 0.316 W/kg

**SAR(1 g) = 0.178 mW/g; SAR(10 g) = 0.098 mW/g**

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

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

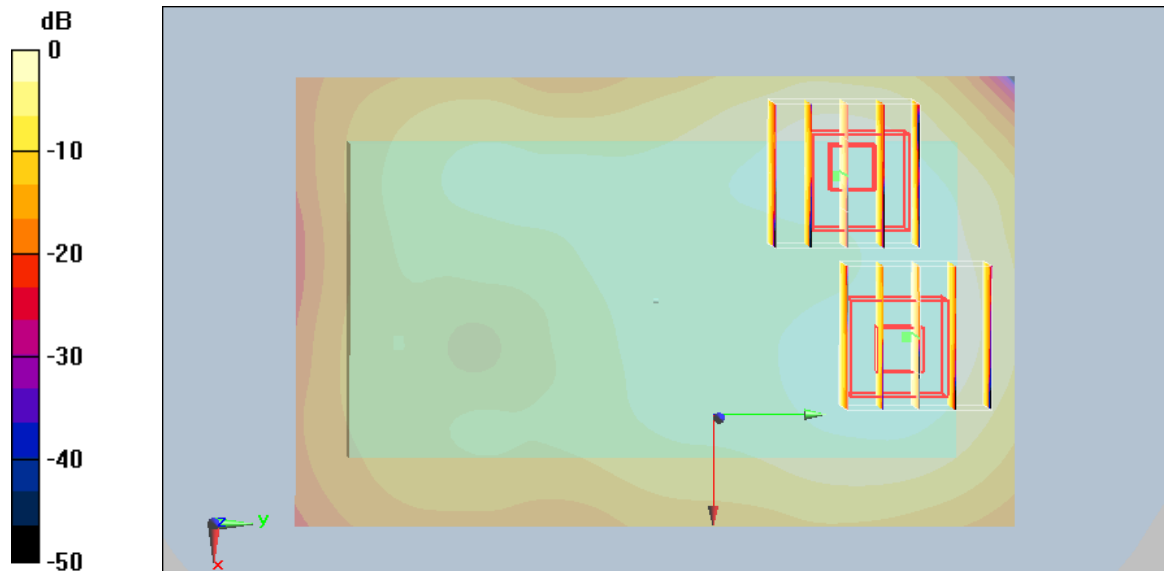
Reference Value = 6.16 V/m; Power Drift = 0.190 dB

Peak SAR (extrapolated) = 0.344 W/kg

**SAR(1 g) = 0.175 mW/g; SAR(10 g) = 0.086 mW/g**

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





0 dB = 0.195mW/g

## #129 WLAN2.4G\_802.11b\_Back\_1cm\_Ch1\_Headset1

**DUT: 280818-01**

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_120903 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.96$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch1/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

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

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

Reference Value = 5.65 V/m; Power Drift = 0.135 dB

Peak SAR (extrapolated) = 0.337 W/kg

**SAR(1 g) = 0.173 mW/g; SAR(10 g) = 0.086 mW/g**

Maximum value of SAR (measured) = 0.193 mW/g

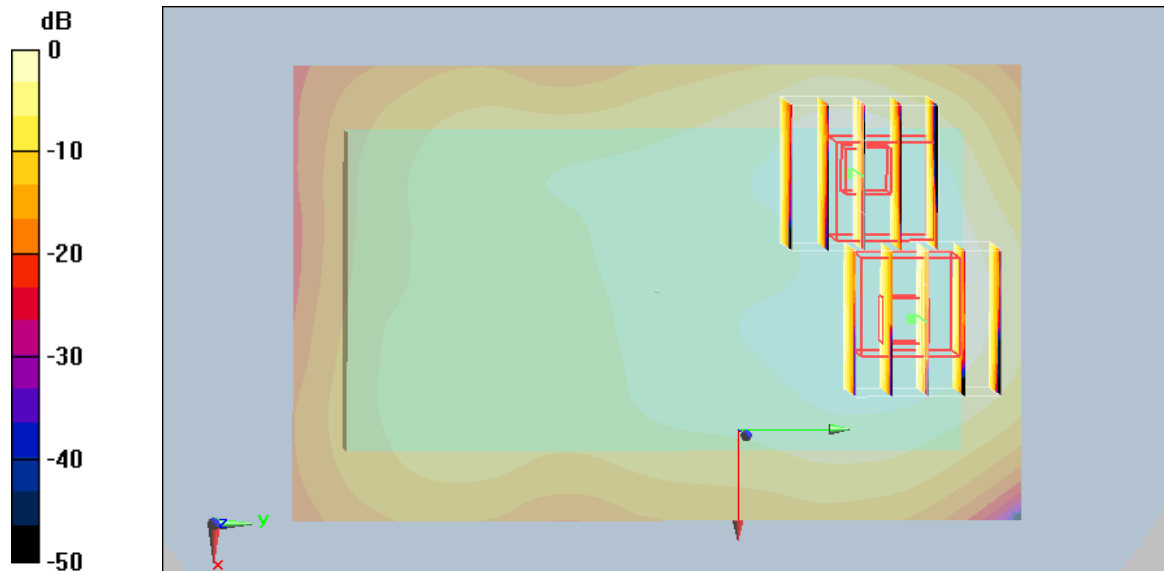
**Ch1/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.65 V/m; Power Drift = 0.135 dB

Peak SAR (extrapolated) = 0.271 W/kg

**SAR(1 g) = 0.152 mW/g; SAR(10 g) = 0.085 mW/g**

Maximum value of SAR (measured) = 0.166 mW/g



0 dB = 0.166mW/g

## #131 WLAN2.4G\_802.11b\_Back\_1cm\_Ch1\_Sample2\_Battery2\_Headset2

**DUT: 280818-01**

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_120903 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.96$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.4, 7.4, 7.4); Calibrated: 2011/11/16
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

**Ch1/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

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

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

Reference Value = 5.51 V/m; Power Drift = 0.183 dB

Peak SAR (extrapolated) = 0.308 W/kg

**SAR(1 g) = 0.155 mW/g; SAR(10 g) = 0.075 mW/g**

Maximum value of SAR (measured) = 0.168 mW/g

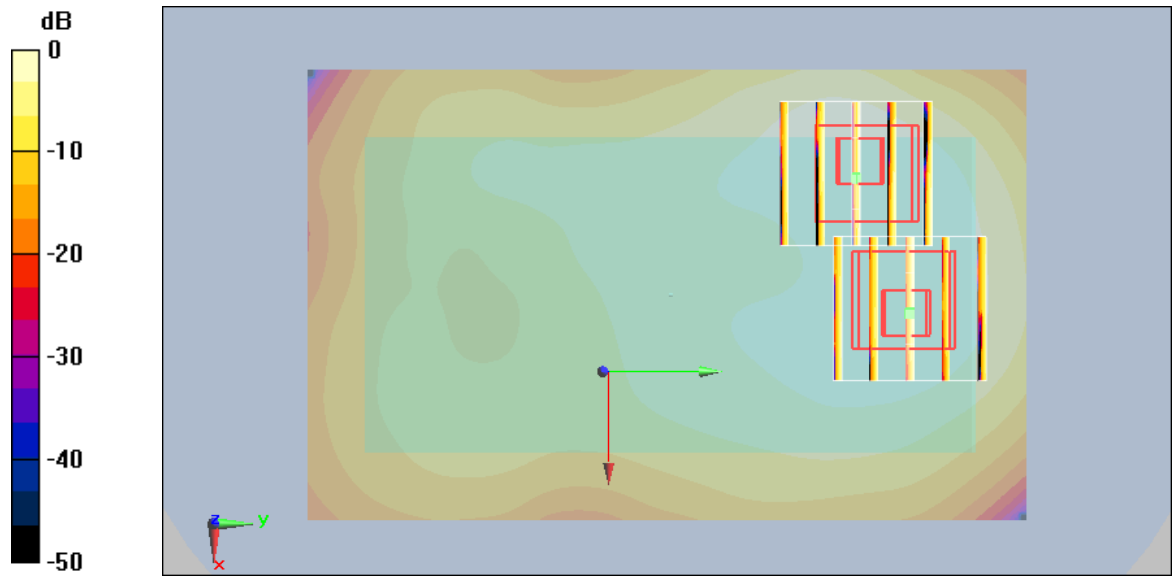
**Ch1/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.51 V/m; Power Drift = 0.183 dB

Peak SAR (extrapolated) = 0.223 W/kg

**SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.071 mW/g**

Maximum value of SAR (measured) = 0.139 mW/g



0 dB = 0.139mW/g

### #147 WLAN2.4G\_802.11b\_Back\_1cm\_Ch1\_Sample1\_Battery1\_Headset3

**DUT: 280818-01**

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_120905 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.88$  mho/m;  $\epsilon_r = 53.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

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

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

Reference Value = 4.91 V/m; Power Drift = 0.125 dB

Peak SAR (extrapolated) = 0.311 W/kg

**SAR(1 g) = 0.156 mW/g; SAR(10 g) = 0.078 mW/g**

Maximum value of SAR (measured) = 0.171 mW/g

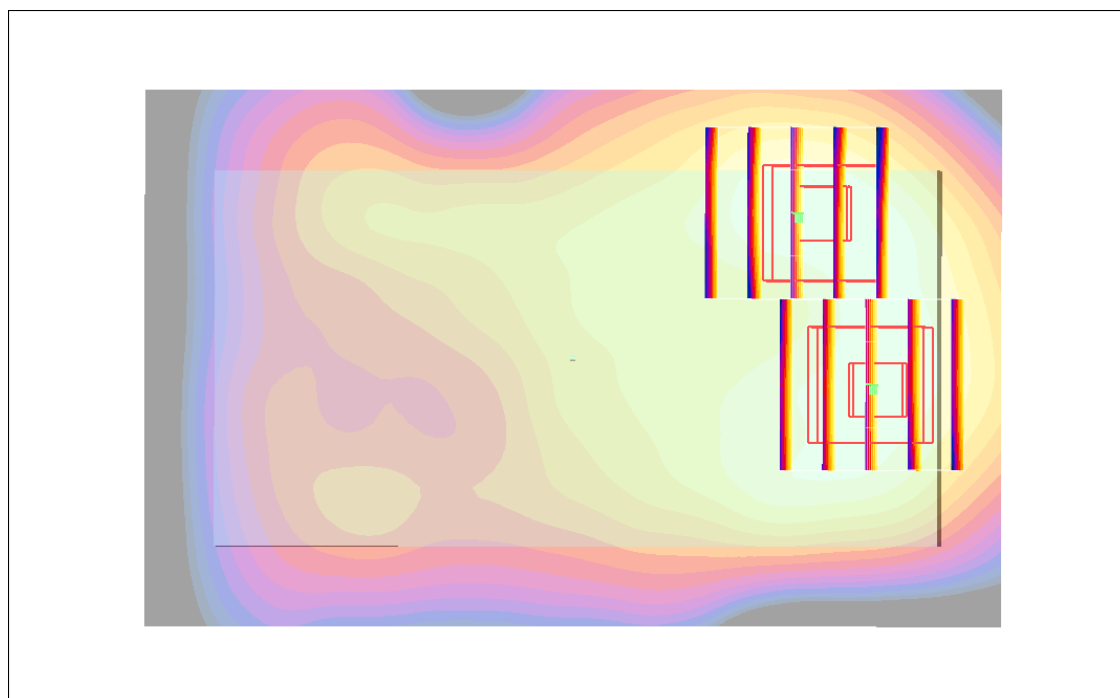
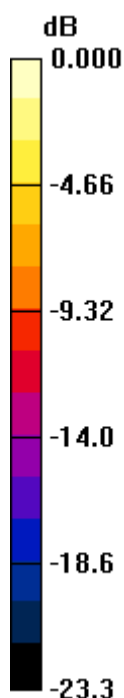
**Ch1/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.91 V/m; Power Drift = 0.125 dB

Peak SAR (extrapolated) = 0.213 W/kg

**SAR(1 g) = 0.125 mW/g; SAR(10 g) = 0.071 mW/g**

Maximum value of SAR (measured) = 0.137 mW/g



0 dB = 0.137mW/g

### #83 WLAN5G\_802.11a\_Front\_1cm\_ch48

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120826 Medium parameters used:  $f = 5240$  MHz;  $\sigma = 5.311$  mho/m;  $\epsilon_r = 47.37$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/11/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch48/Area Scan (101x161x1):** Measurement grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 0.0634 W/kg

**Ch48/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.511 V/m; Power Drift = 0.116 dB

Peak SAR (extrapolated) = 0.324 mW/g

**SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.014 mW/g**

Maximum value of SAR (measured) = 0.0817 W/kg

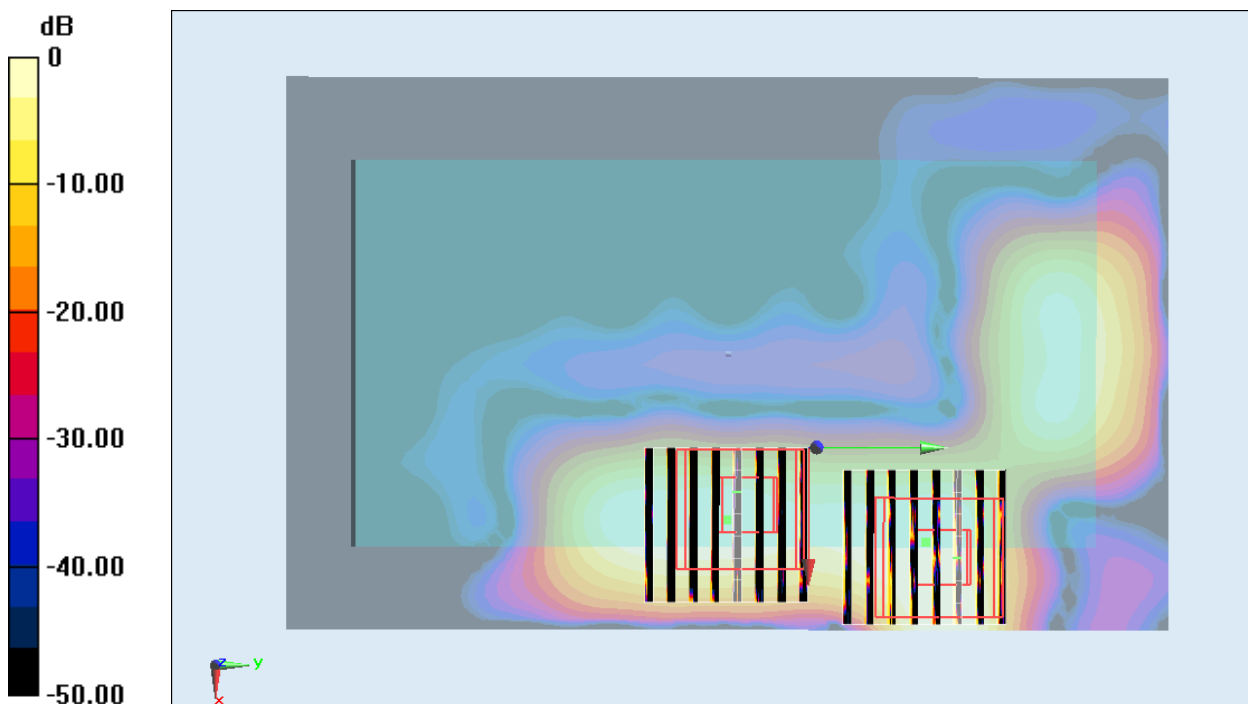
**Ch48/Zoom Scan (8x8x10)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.511 V/m; Power Drift = 0.116 dB

Peak SAR (extrapolated) = 0.246 mW/g

**SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.00674 mW/g**

Maximum value of SAR (measured) = 0.0421 W/kg



0 dB = 0.0421 W/kg = -27.51 dB W/kg

## #84 WLAN5G\_802.11a\_Back\_1cm\_ch48

### DUT: 280818-01

Communication System: 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120826 Medium parameters used:  $f = 5240$  MHz;  $\sigma = 5.311$  mho/m;  $\epsilon_r = 47.37$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/11/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch48/Area Scan (101x161x1):** Measurement grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 0.236 W/kg

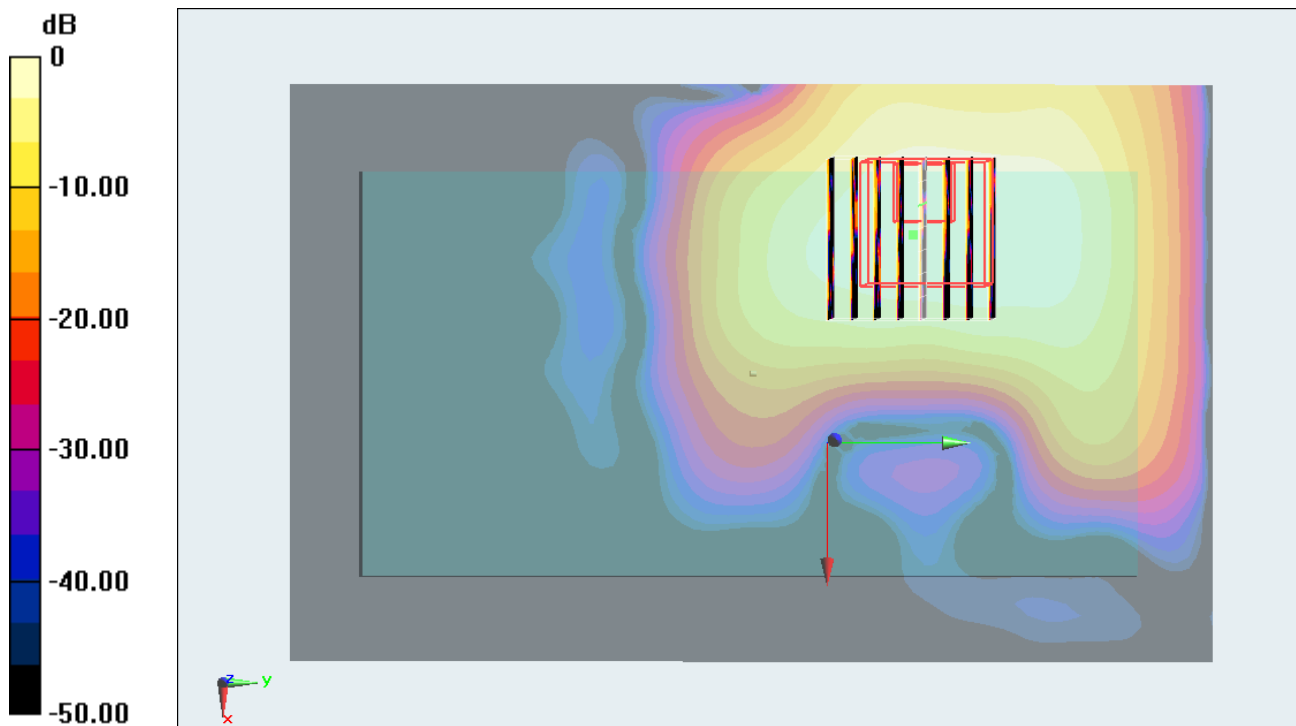
**Ch48/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.141 dB

Peak SAR (extrapolated) = 0.393 mW/g

**SAR(1 g) = 0.116 mW/g; SAR(10 g) = 0.037 mW/g**

Maximum value of SAR (measured) = 0.231 W/kg



0 dB = 0.231 W/kg = -12.73 dB W/kg



## #86 WLAN5G\_802.11a\_Right Side\_1cm\_ch48

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120826 Medium parameters used:  $f = 5240$  MHz;  $\sigma = 5.311$  mho/m;  $\epsilon_r = 47.37$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/11/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch48/Area Scan (61x161x1):** Measurement grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 0.242 W/kg

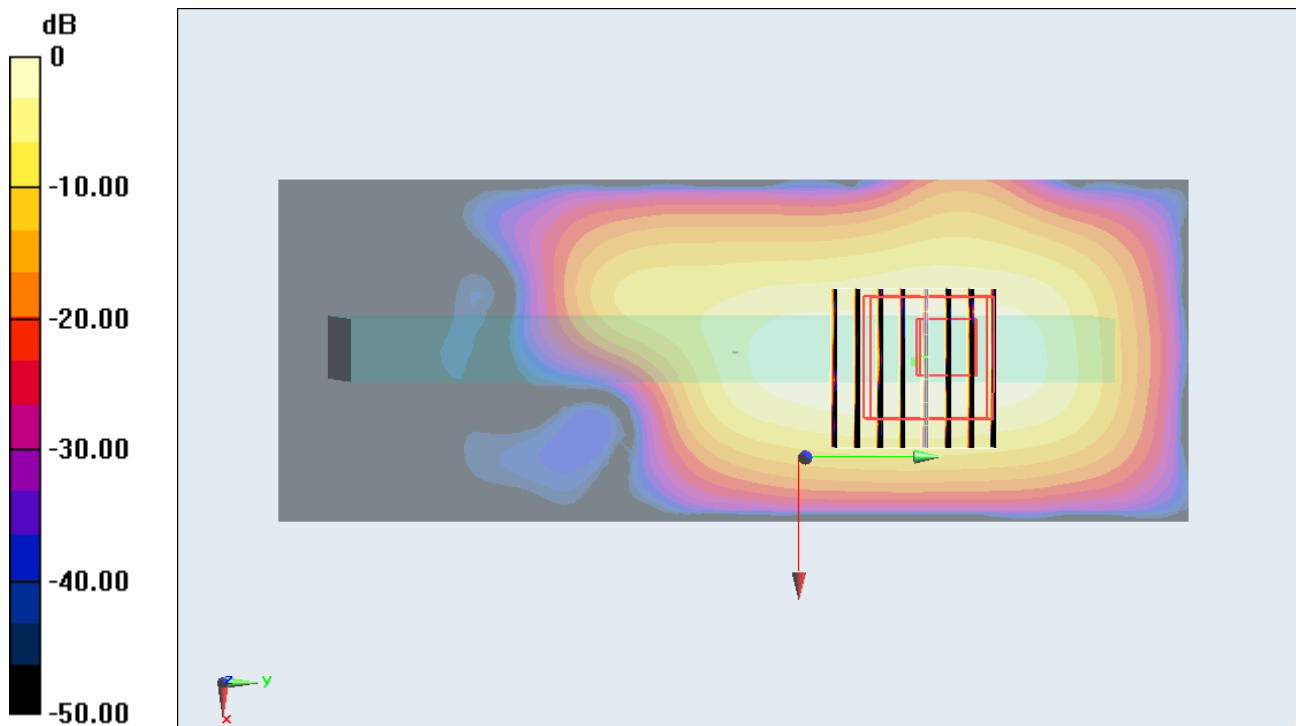
**Ch48/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.968 V/m; Power Drift = 0.154 dB

Peak SAR (extrapolated) = 0.917 mW/g

**SAR(1 g) = 0.087 mW/g; SAR(10 g) = 0.029 mW/g**

Maximum value of SAR (measured) = 0.173 W/kg



0 dB = 0.173 W/kg = -15.24 dB W/kg

## #87 WLAN5G\_802.11a\_Top Side\_1cm\_ch48

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120826 Medium parameters used:  $f = 5240$  MHz;  $\sigma = 5.311$  mho/m;  $\epsilon_r = 47.37$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/11/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch48/Area Scan (81x101x1):** Measurement grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 0.0519 W/kg

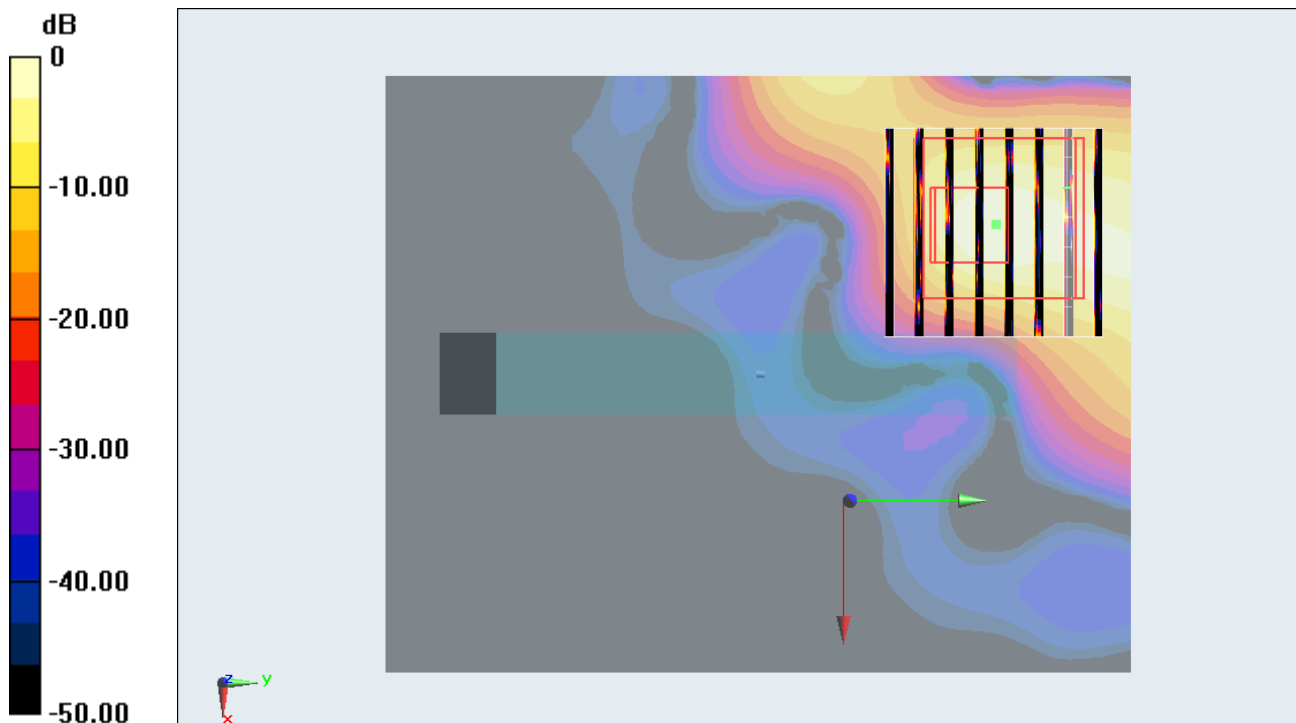
**Ch48/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.102 dB

Peak SAR (extrapolated) = 0.194 mW/g

**SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.00812 mW/g**

Maximum value of SAR (measured) = 0.0526 W/kg



0 dB = 0.0526 W/kg = -25.58 dB W/kg

## #89 WLAN5G\_802.11a\_Back\_1cm\_ch48\_Sample2\_Battery2

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120826 Medium parameters used:  $f = 5240$  MHz;  $\sigma = 5.311$  mho/m;  $\epsilon_r = 47.37$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/11/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch48/Area Scan (101x161x1):** Measurement grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 0.285 W/kg

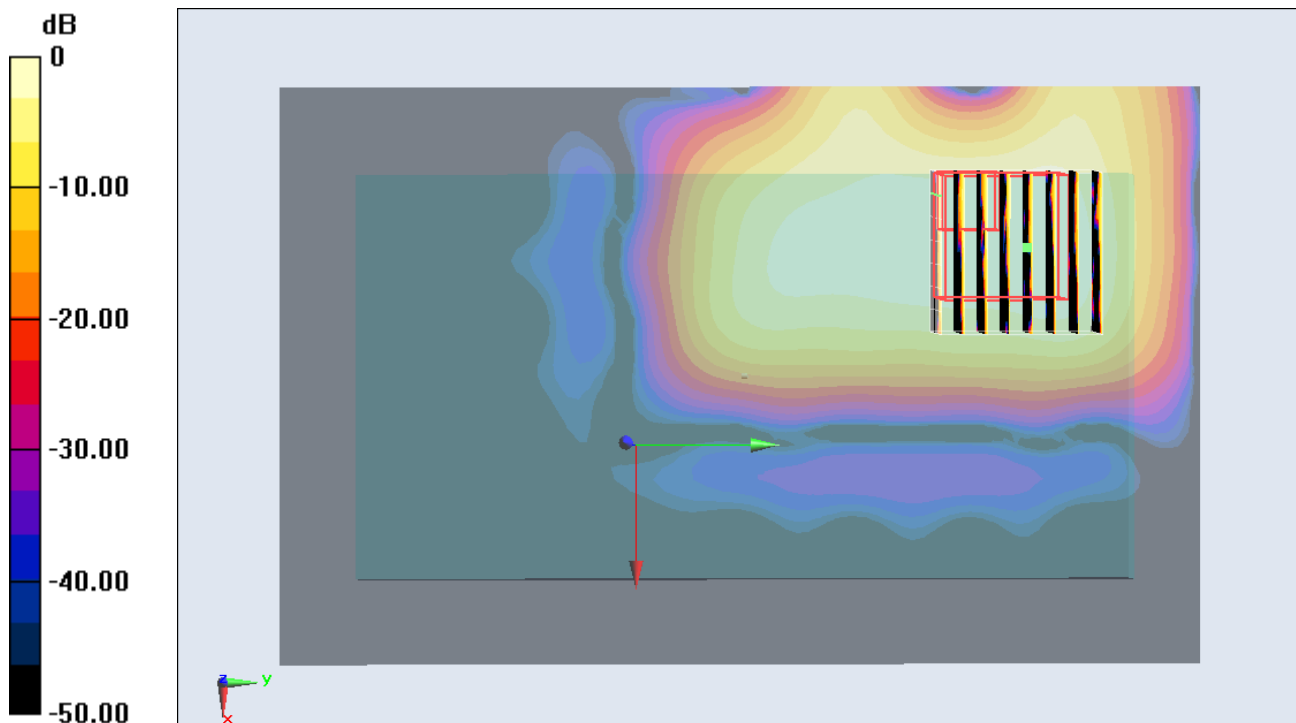
**Ch48/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.918 V/m; Power Drift = 0.143 dB

Peak SAR (extrapolated) = 0.338 mW/g

**SAR(1 g) = 0.087 mW/g; SAR(10 g) = 0.025 mW/g**

Maximum value of SAR (measured) = 0.196 W/kg



0 dB = 0.196 W/kg = -14.15 dB W/kg

### #83 WLAN5G\_802.11a\_Front\_1cm\_ch48\_Sample1\_Battery1

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120826 Medium parameters used:  $f = 5240$  MHz;  $\sigma = 5.311$  mho/m;  $\epsilon_r = 47.37$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/11/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch48/Area Scan (101x161x1):** Measurement grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 0.0634 W/kg

**Ch48/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.511 V/m; Power Drift = 0.116 dB

Peak SAR (extrapolated) = 0.324 mW/g

**SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.014 mW/g**

Maximum value of SAR (measured) = 0.0817 W/kg

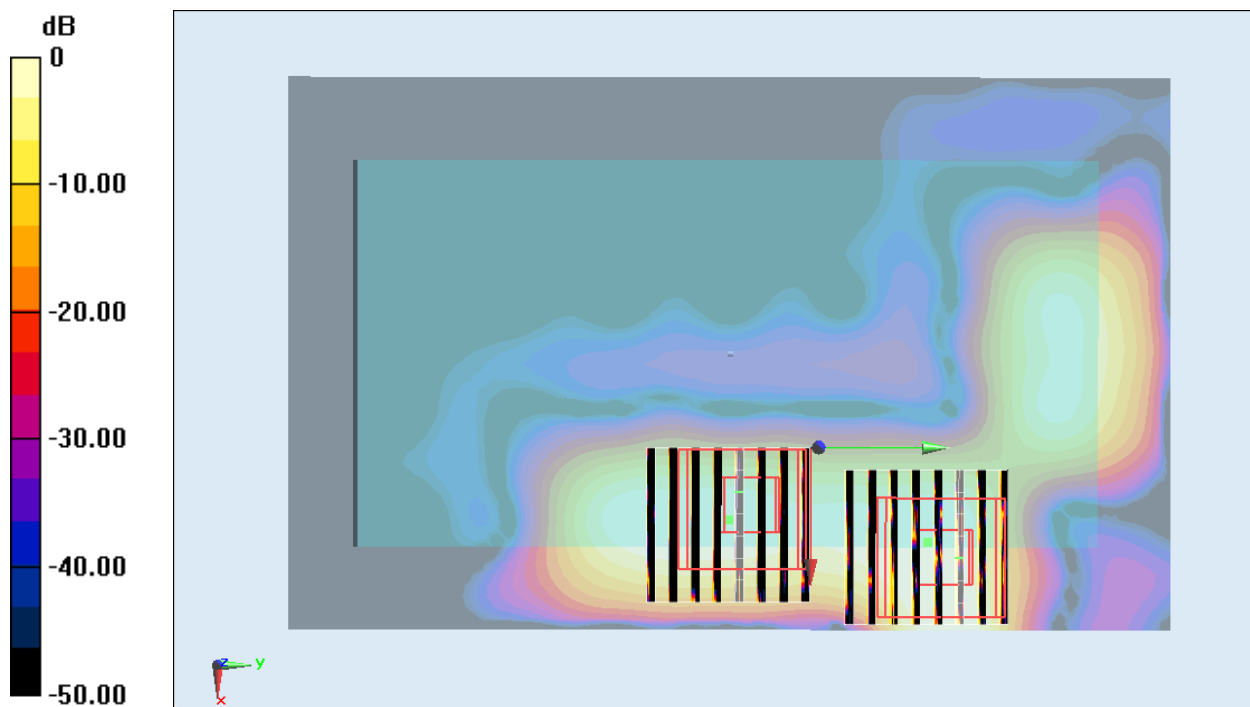
**Ch48/Zoom Scan (8x8x10)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.511 V/m; Power Drift = 0.116 dB

Peak SAR (extrapolated) = 0.246 mW/g

**SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.00674 mW/g**

Maximum value of SAR (measured) = 0.0421 W/kg



0 dB = 0.0421 W/kg = -27.51 dB W/kg

## #84 WLAN5G\_802.11a\_Back\_1cm\_ch48\_Sample1\_Battery1

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120826 Medium parameters used:  $f = 5240$  MHz;  $\sigma = 5.311$  mho/m;  $\epsilon_r = 47.37$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/11/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch48/Area Scan (101x161x1):** Measurement grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 0.236 W/kg

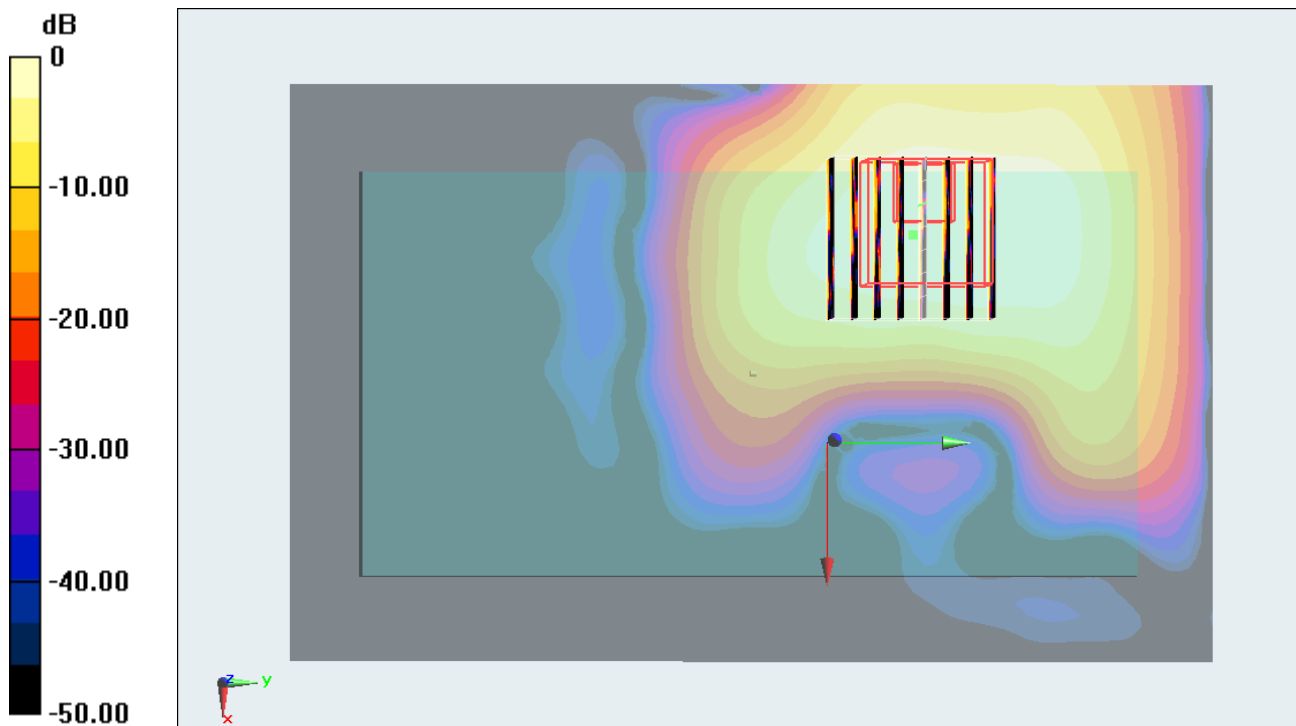
**Ch48/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.141 dB

Peak SAR (extrapolated) = 0.393 mW/g

**SAR(1 g) = 0.116 mW/g; SAR(10 g) = 0.037 mW/g**

Maximum value of SAR (measured) = 0.231 W/kg



0 dB = 0.231 W/kg = -12.73 dB W/kg

## #90 WLAN5G\_802.11a\_Back\_1cm\_ch48\_Headset1

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120826 Medium parameters used:  $f = 5240$  MHz;  $\sigma = 5.311$  mho/m;  $\epsilon_r = 47.37$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/11/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch48/Area Scan (101x161x1):** Measurement grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 0.299 W/kg

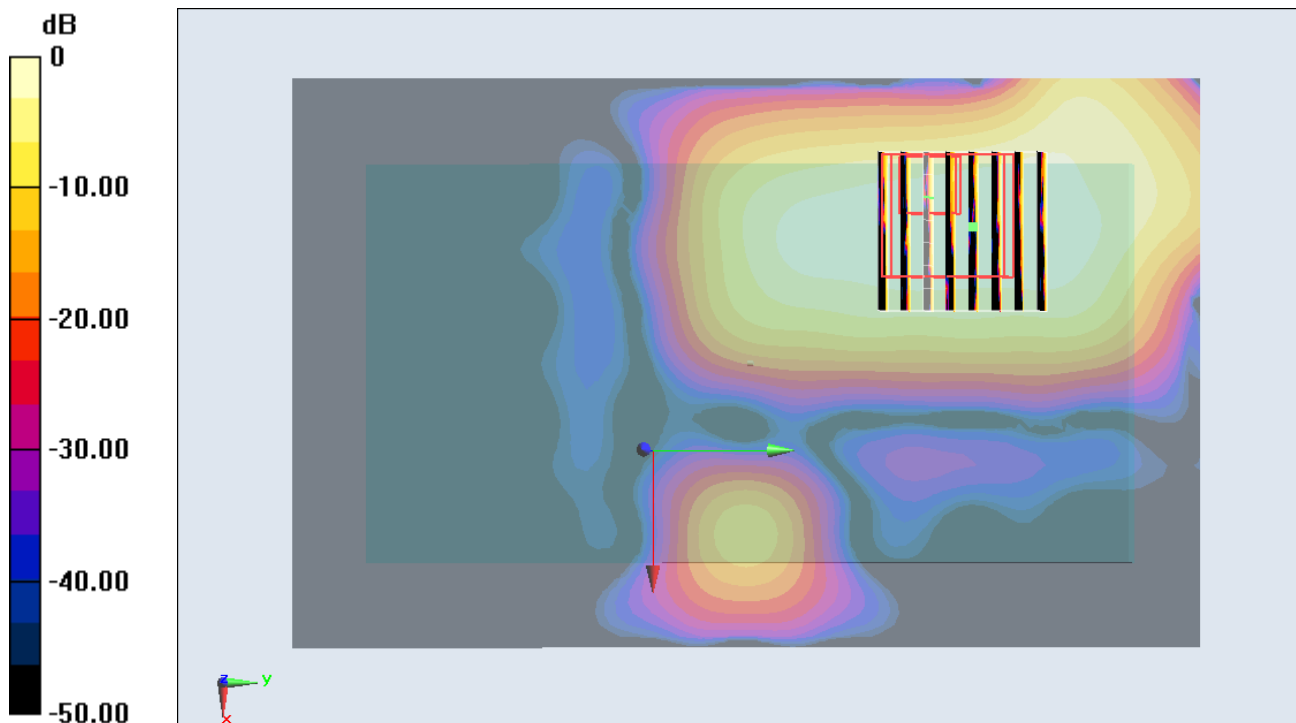
**Ch48/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.705 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.386 mW/g

**SAR(1 g) = 0.115 mW/g; SAR(10 g) = 0.037 mW/g**

Maximum value of SAR (measured) = 0.220 W/kg



0 dB = 0.220 W/kg = -13.15 dB W/kg

## #91 WLAN5G\_802.11a\_Back\_1cm\_ch48\_Sample2\_Battery2\_Headset2

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120826 Medium parameters used:  $f = 5240$  MHz;  $\sigma = 5.311$  mho/m;  $\epsilon_r = 47.37$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/11/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch48/Area Scan (101x161x1):** Measurement grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 0.260 W/kg

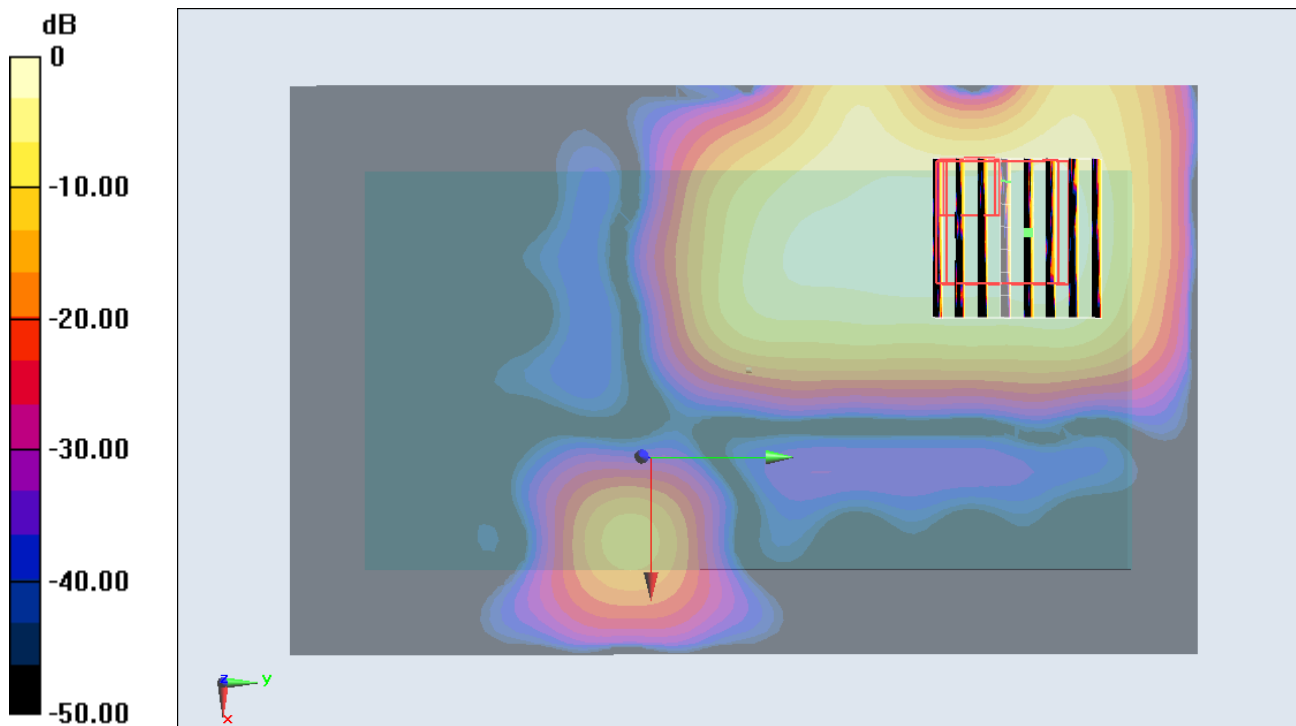
**Ch48/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.881 V/m; Power Drift = 0.139 dB

Peak SAR (extrapolated) = 0.495 mW/g

**SAR(1 g) = 0.085 mW/g; SAR(10 g) = 0.025 mW/g**

Maximum value of SAR (measured) = 0.203 W/kg



0 dB = 0.203 W/kg = -13.85 dB W/kg

### #148 WLAN5G\_802.11a\_Back\_1cm\_Ch48\_Sample1\_Battery1\_Headset3

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120905 Medium parameters used:  $f = 5240$  MHz;  $\sigma = 5.14$  mho/m;  $\epsilon_r = 47.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch48/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm

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

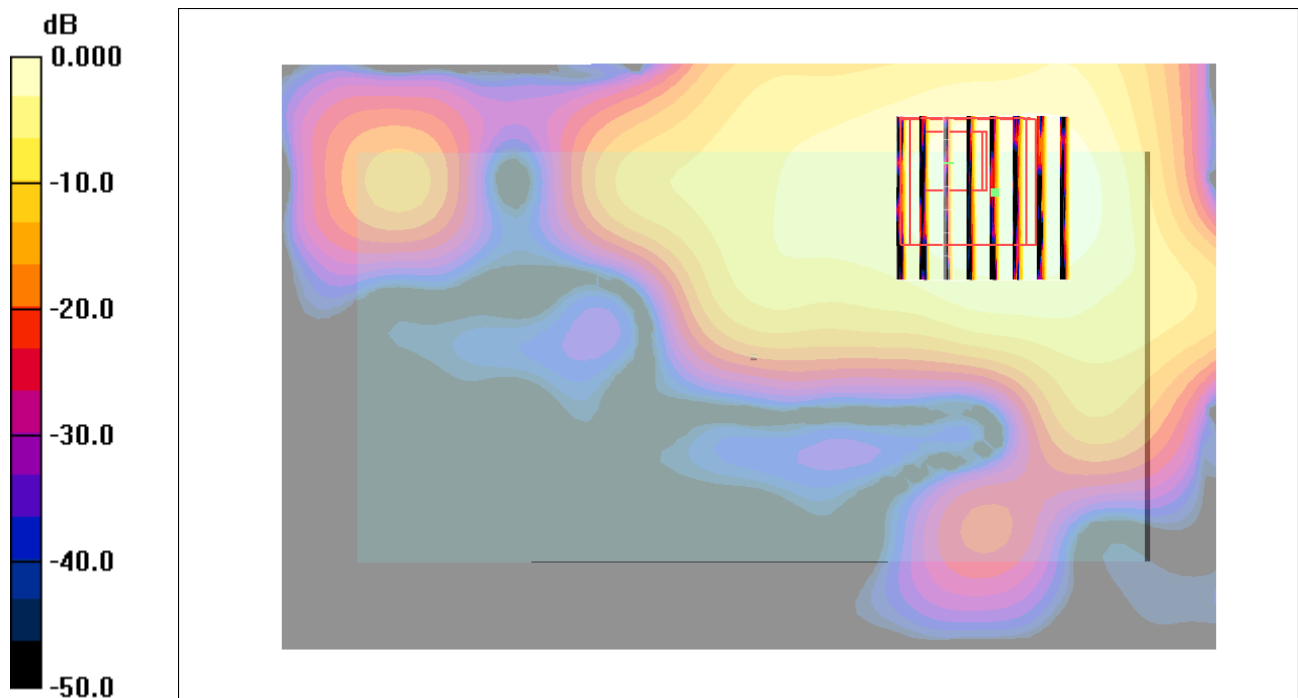
**Ch48/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.768 V/m; Power Drift = 0.174 dB

Peak SAR (extrapolated) = 0.565 W/kg

**SAR(1 g) = 0.154 mW/g; SAR(10 g) = 0.051 mW/g**

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



0 dB = 0.309mW/g



## #148 WLAN5G\_802.11a\_Back\_1cm\_Ch48\_Sample1\_Battery1\_Headset3\_2D

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120905 Medium parameters used:  $f = 5240$  MHz;  $\sigma = 5.14$  mho/m;  $\epsilon_r = 47.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch48/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm

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

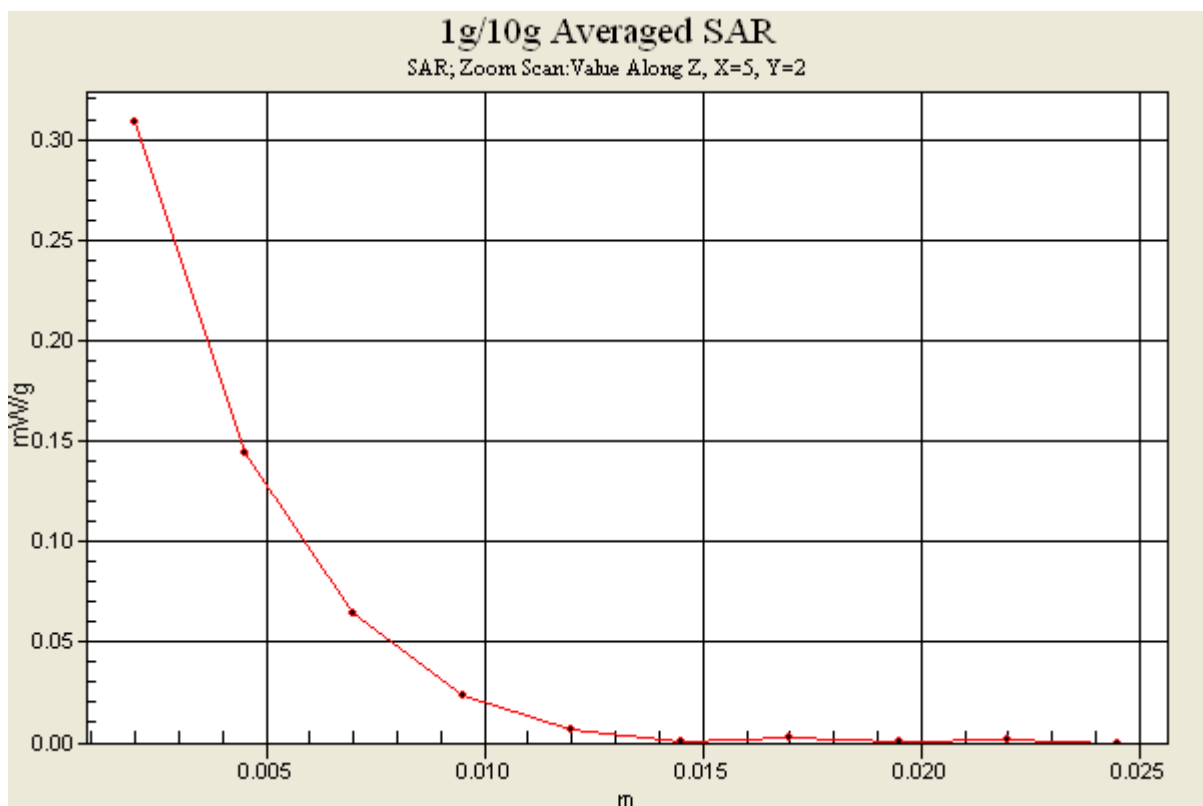
**Ch48/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.768 V/m; Power Drift = 0.174 dB

Peak SAR (extrapolated) = 0.565 W/kg

**SAR(1 g) = 0.154 mW/g; SAR(10 g) = 0.051 mW/g**

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



## #92 WLAN5G\_802.11a\_Front\_1cm\_Ch60

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120829 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.27$  mho/m;  $\epsilon_r = 47.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.16, 4.16, 4.16); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch60/Area Scan (121x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.018 mW/g

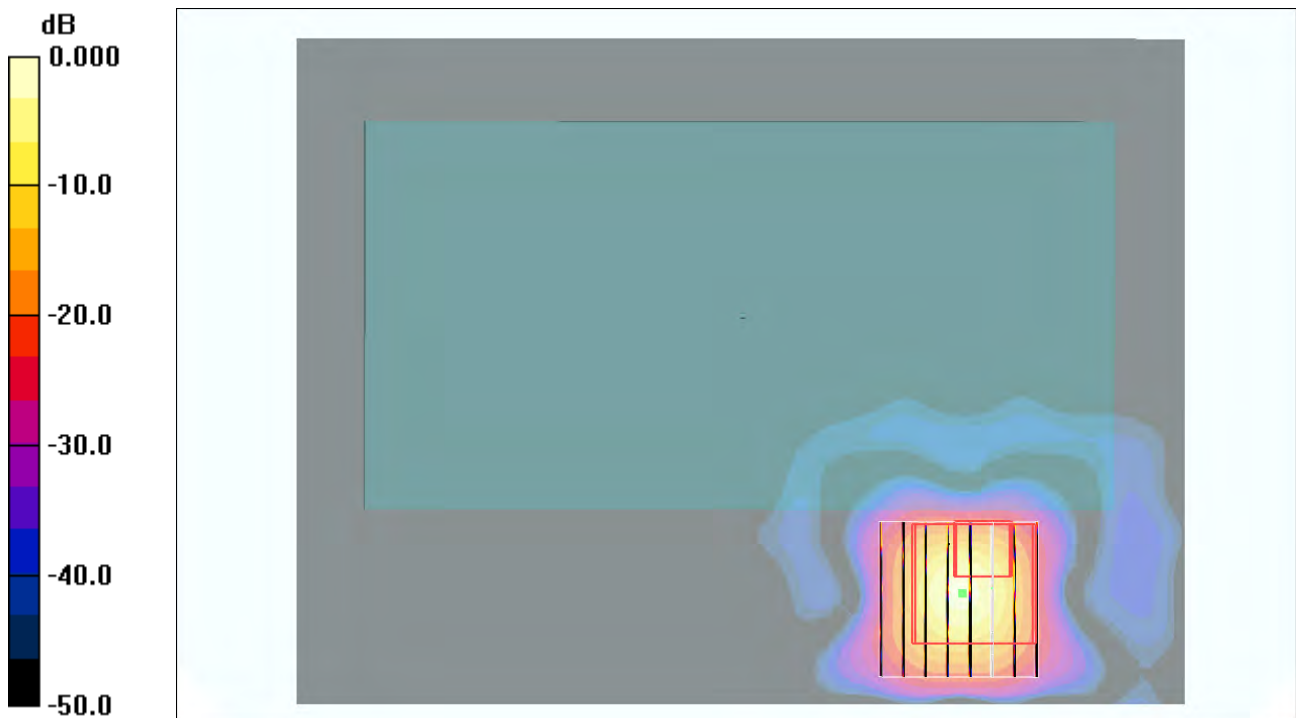
**Ch60/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.013 dB

Peak SAR (extrapolated) = 0.100 W/kg

**SAR(1 g) = 0.0091 mW/g; SAR(10 g) = 0.00175 mW/g**

Maximum value of SAR (measured) = 0.028 mW/g



0 dB = 0.028mW/g

## #93 WLAN5G\_802.11a\_Back\_1cm\_Ch60

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120829 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.27$  mho/m;  $\epsilon_r = 47.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.16, 4.16, 4.16); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch60/Area Scan (121x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.317 mW/g

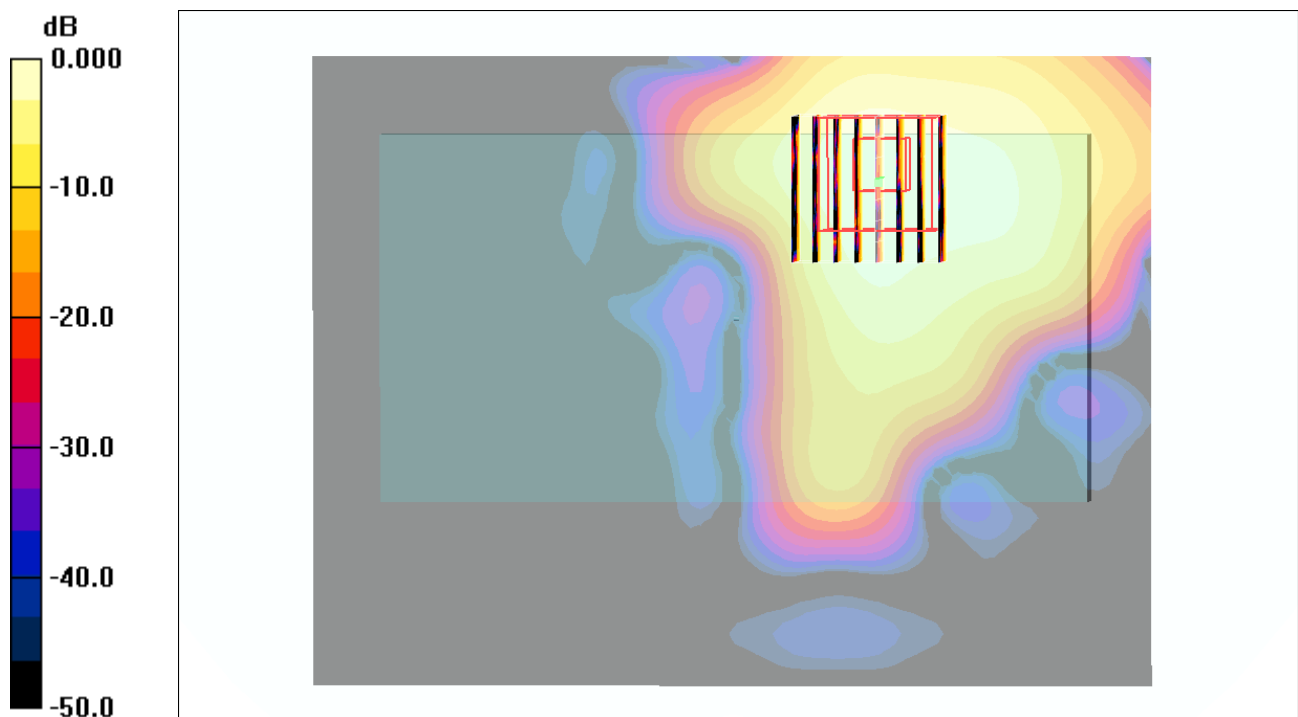
**Ch60/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.44 V/m; Power Drift = -0.134 dB

Peak SAR (extrapolated) = 0.511 W/kg

**SAR(1 g) = 0.154 mW/g; SAR(10 g) = 0.052 mW/g**

Maximum value of SAR (measured) = 0.293 mW/g



0 dB = 0.293mW/g

### #95 WLAN5G\_802.11a\_Right Side\_1cm\_Ch60

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120829 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.27$  mho/m;  $\epsilon_r = 47.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.16, 4.16, 4.16); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch60/Area Scan (81x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.222 mW/g

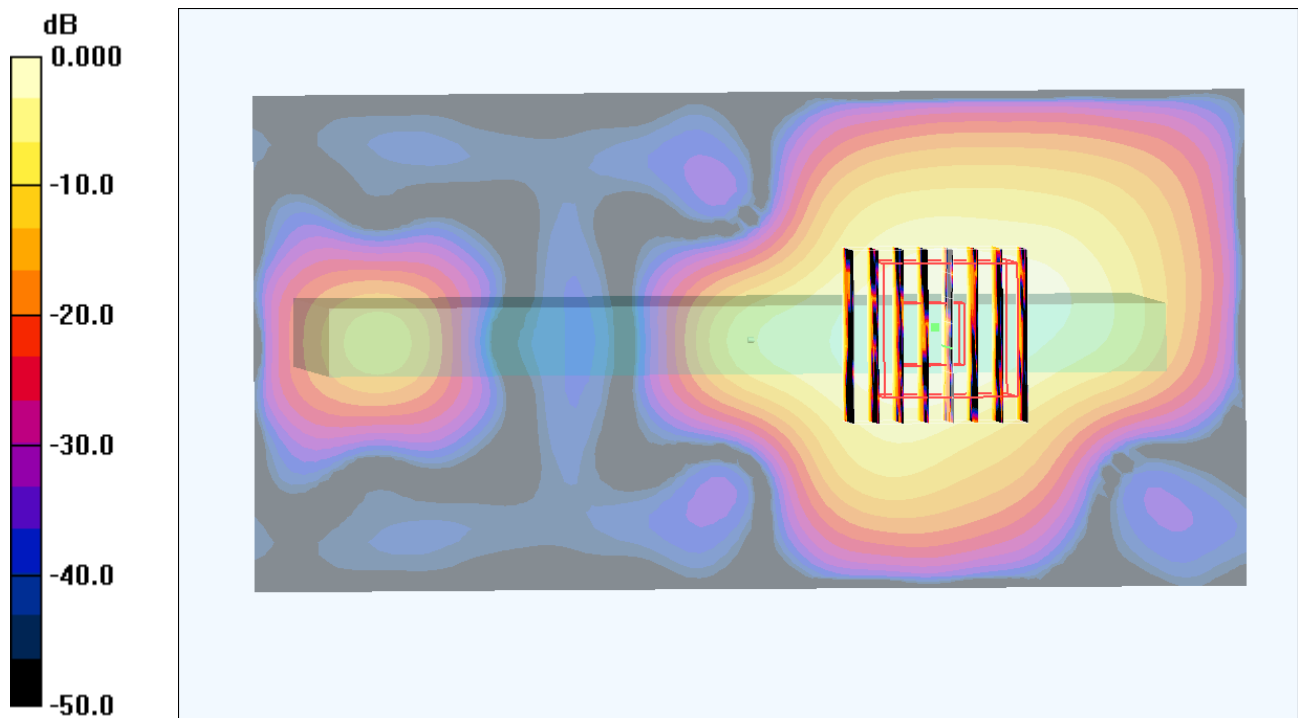
**Ch60/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.57 V/m; Power Drift = 0.001 dB

Peak SAR (extrapolated) = 0.524 W/kg

**SAR(1 g) = 0.089 mW/g; SAR(10 g) = 0.030 mW/g**

Maximum value of SAR (measured) = 0.172 mW/g



0 dB = 0.172mW/g

## #96 WLAN5G\_802.11a\_Top Side\_1cm\_Ch60

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120829 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.27$  mho/m;  $\epsilon_r = 47.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.16, 4.16, 4.16); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch60/Area Scan (81x101x1):** Measurement grid: dx=10mm, dy=10mm

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

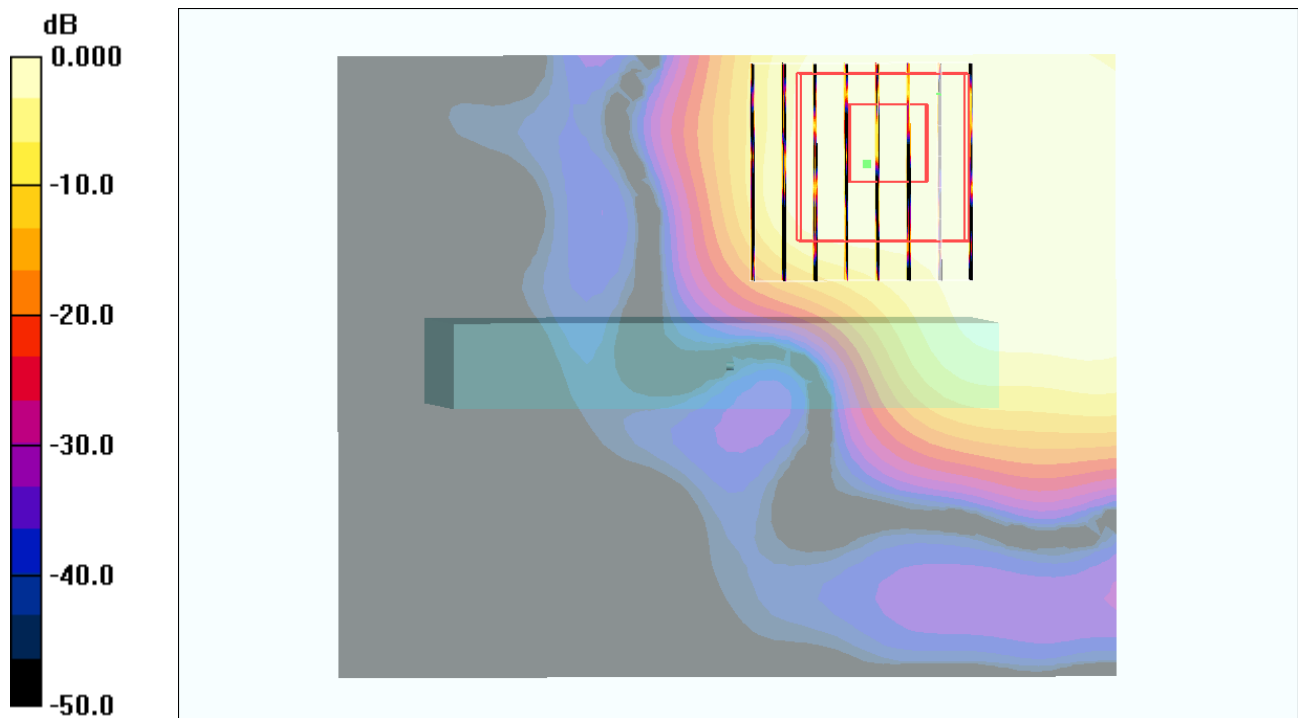
**Ch60/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.016 dB

Peak SAR (extrapolated) = 0.227 W/kg

**SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.00884 mW/g**

Maximum value of SAR (measured) = 0.042 mW/g



0 dB = 0.042mW/g

## #97 WLAN5G\_802.11a\_Back\_1cm\_Ch60\_Sample2\_Battery2

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120826 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.422$  mho/m;  $\epsilon_r = 47.242$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.16, 4.16, 4.16); Calibrated: 2011/11/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM Right; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch60/Area Scan (101x161x1):** Measurement grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 0.368 W/kg

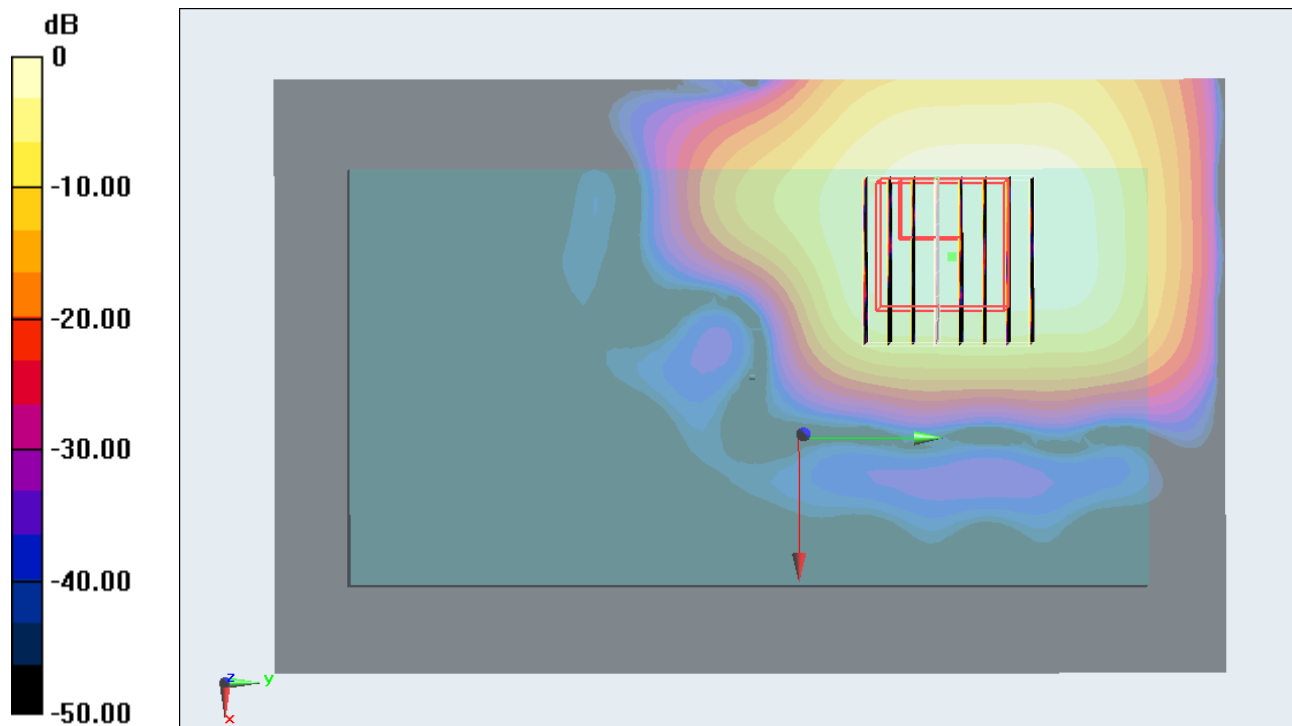
**Ch60/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.505 mW/g

**SAR(1 g) = 0.134 mW/g; SAR(10 g) = 0.038 mW/g**

Maximum value of SAR (measured) = 0.298 W/kg



## #92 WLAN5G\_802.11a\_Front\_1cm\_Ch60

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120829 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.27$  mho/m;  $\epsilon_r = 47.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.16, 4.16, 4.16); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch60/Area Scan (121x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.018 mW/g

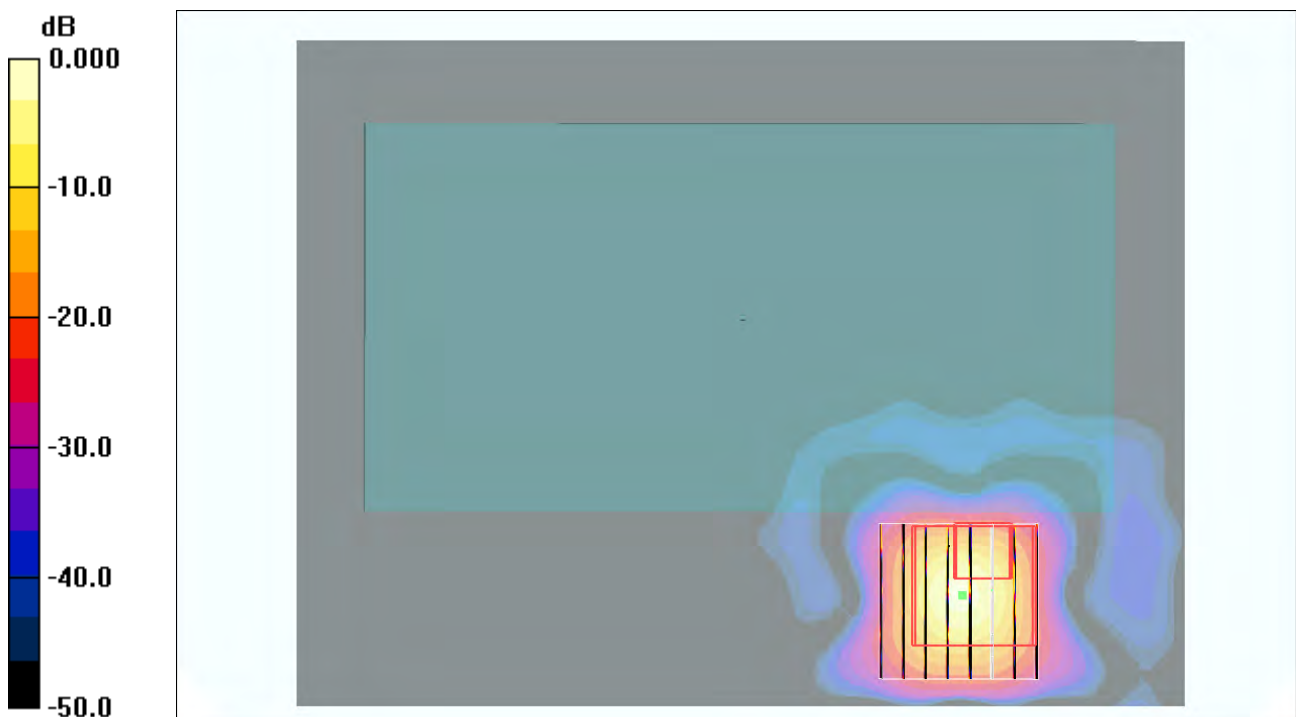
**Ch60/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.013 dB

Peak SAR (extrapolated) = 0.100 W/kg

**SAR(1 g) = 0.0091 mW/g; SAR(10 g) = 0.00175 mW/g**

Maximum value of SAR (measured) = 0.028 mW/g



0 dB = 0.028mW/g

## #93 WLAN5G\_802.11a\_Back\_1cm\_Ch60

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120829 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.27$  mho/m;  $\epsilon_r = 47.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.16, 4.16, 4.16); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch60/Area Scan (121x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.317 mW/g

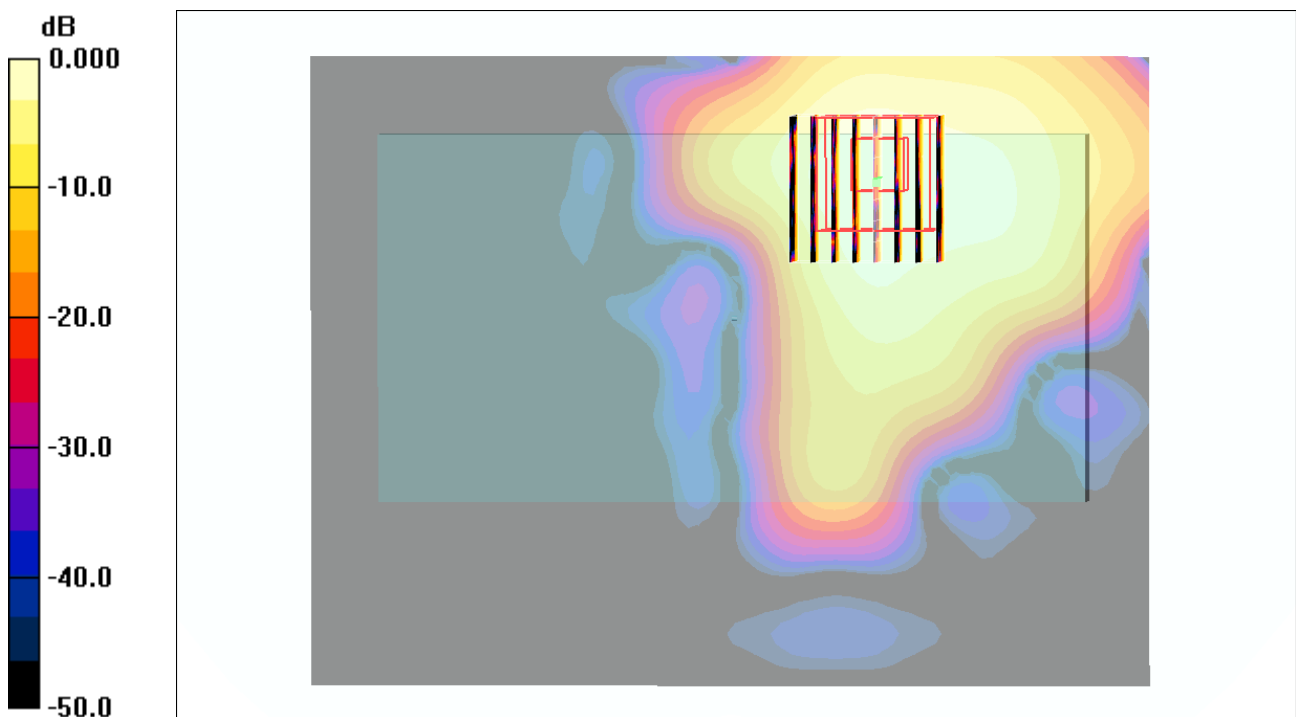
**Ch60/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.44 V/m; Power Drift = -0.134 dB

Peak SAR (extrapolated) = 0.511 W/kg

**SAR(1 g) = 0.154 mW/g; SAR(10 g) = 0.052 mW/g**

Maximum value of SAR (measured) = 0.293 mW/g



0 dB = 0.293mW/g



## #98 WLAN5G\_802.11a\_Back\_1cm\_Ch60\_Headset1

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120829 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.27$  mho/m;  $\epsilon_r = 47.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.16, 4.16, 4.16); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch60/Area Scan (121x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.411 mW/g

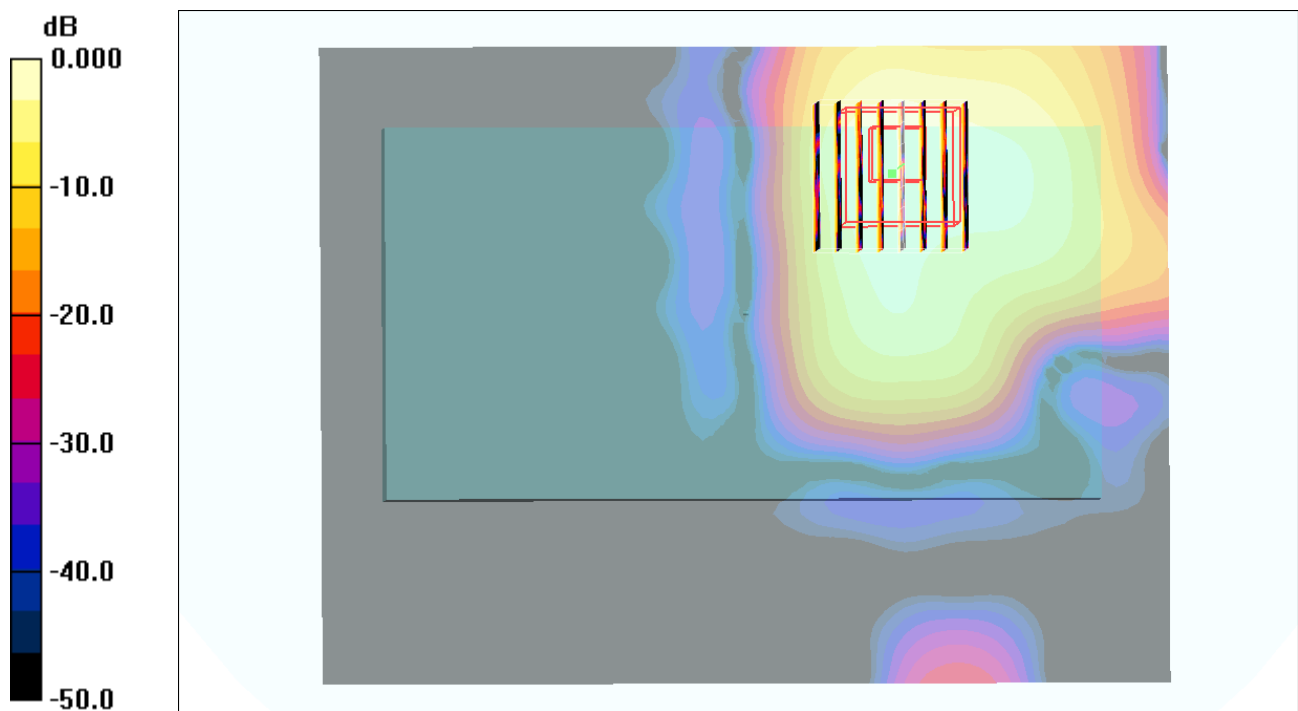
**Ch60/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.00 V/m; Power Drift = -0.104 dB

Peak SAR (extrapolated) = 0.506 W/kg

**SAR(1 g) = 0.152 mW/g; SAR(10 g) = 0.052 mW/g**

Maximum value of SAR (measured) = 0.287 mW/g



0 dB = 0.287mW/g

## #99 WLAN5G\_802.11a\_Back\_1cm\_Ch60\_Sample2\_Battery2\_Headset2

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120829 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.27$  mho/m;  $\epsilon_r = 47.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.16, 4.16, 4.16); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch60/Area Scan (121x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.350 mW/g

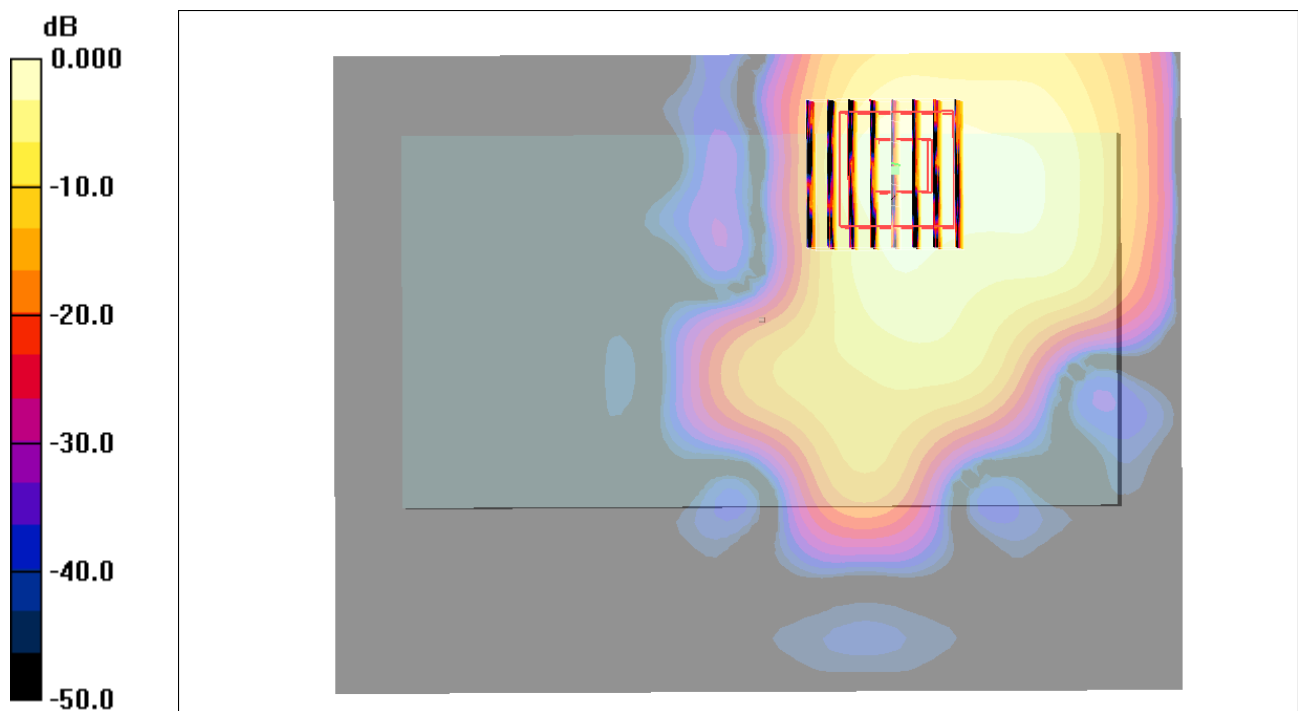
**Ch60/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.623 V/m; Power Drift = 0.176 dB

Peak SAR (extrapolated) = 0.468 W/kg

**SAR(1 g) = 0.132 mW/g; SAR(10 g) = 0.047 mW/g**

Maximum value of SAR (measured) = 0.281 mW/g



0 dB = 0.281mW/g

### #149 WLAN5G\_802.11a\_Back\_1cm\_Ch60\_Sample1\_Battery1\_Headset3

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120905 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.24$  mho/m;  $\epsilon_r = 47.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch60/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.361 mW/g

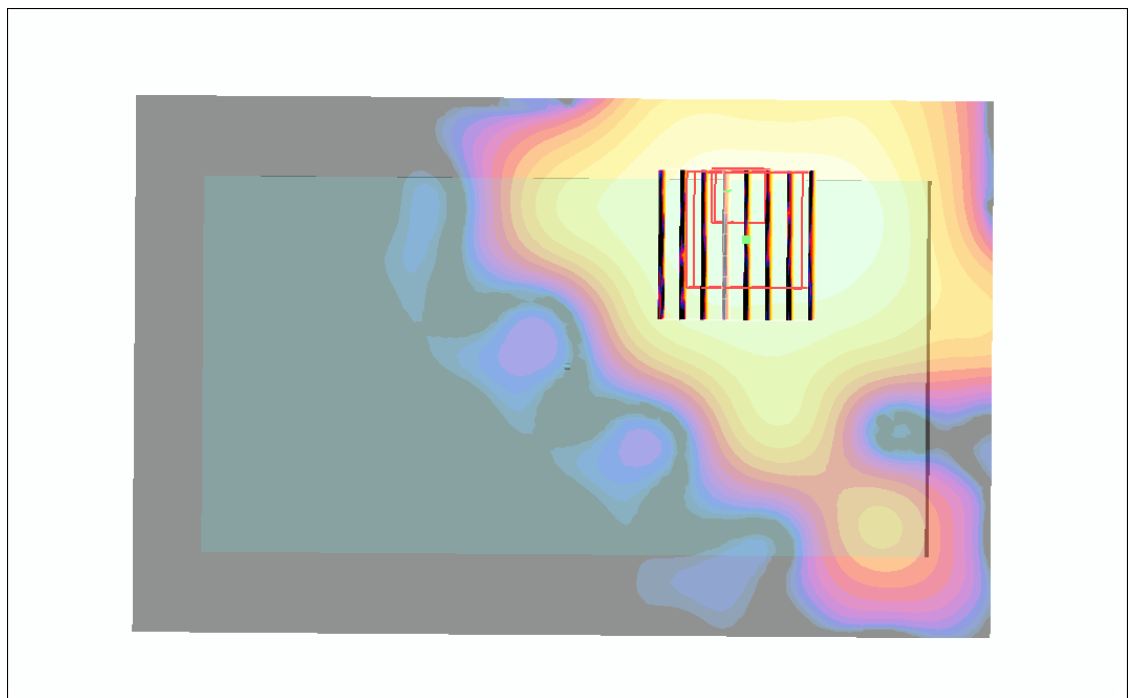
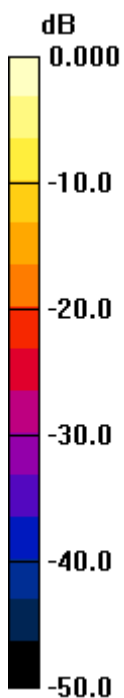
**Ch60/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.592 V/m; Power Drift = 0.139 dB

Peak SAR (extrapolated) = 0.597 W/kg

**SAR(1 g) = 0.173 mW/g; SAR(10 g) = 0.053 mW/g**

Maximum value of SAR (measured) = 0.345 mW/g



0 dB = 0.345mW/g

## #149 WLAN5G\_802.11a\_Back\_1cm\_Ch60\_Sample1\_Battery1\_Headset3\_2D

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120905 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.24$  mho/m;  $\epsilon_r = 47.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch60/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.361 mW/g

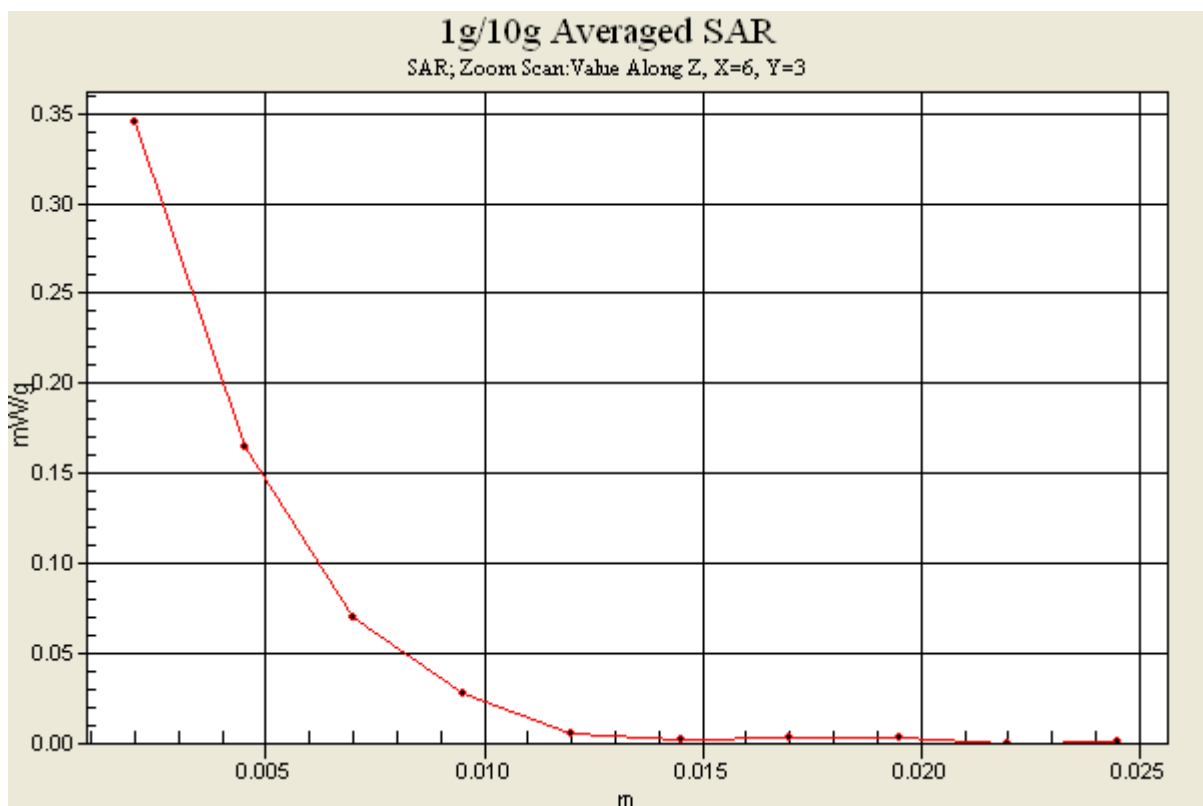
**Ch60/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.592 V/m; Power Drift = 0.139 dB

Peak SAR (extrapolated) = 0.597 W/kg

**SAR(1 g) = 0.173 mW/g; SAR(10 g) = 0.053 mW/g**

Maximum value of SAR (measured) = 0.345 mW/g



## #100 WLAN5G\_802.11a\_Front\_1cm\_Ch100

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120829 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.52$  mho/m;  $\epsilon_r = 47$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(3.9, 3.9, 3.9); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch100/Area Scan (121x161x1):** Measurement grid: dx=10mm, dy=10mm

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

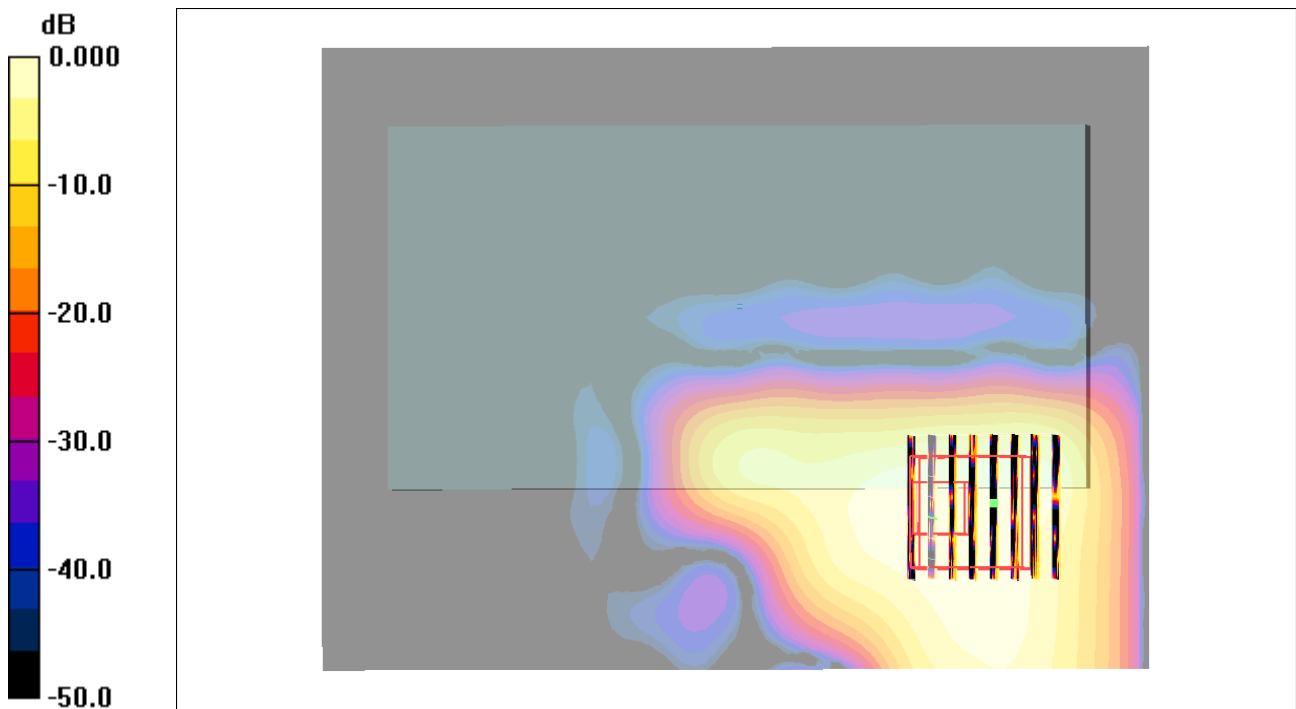
**Ch100/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.010 dB

Peak SAR (extrapolated) = 0.207 W/kg

**SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.00984 mW/g**

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



0 dB = 0.058mW/g

## #101 WLAN5G\_802.11a\_Back\_1cm\_Ch100

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120829 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.52$  mho/m;  $\epsilon_r = 47$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(3.9, 3.9, 3.9); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch100/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.423 mW/g

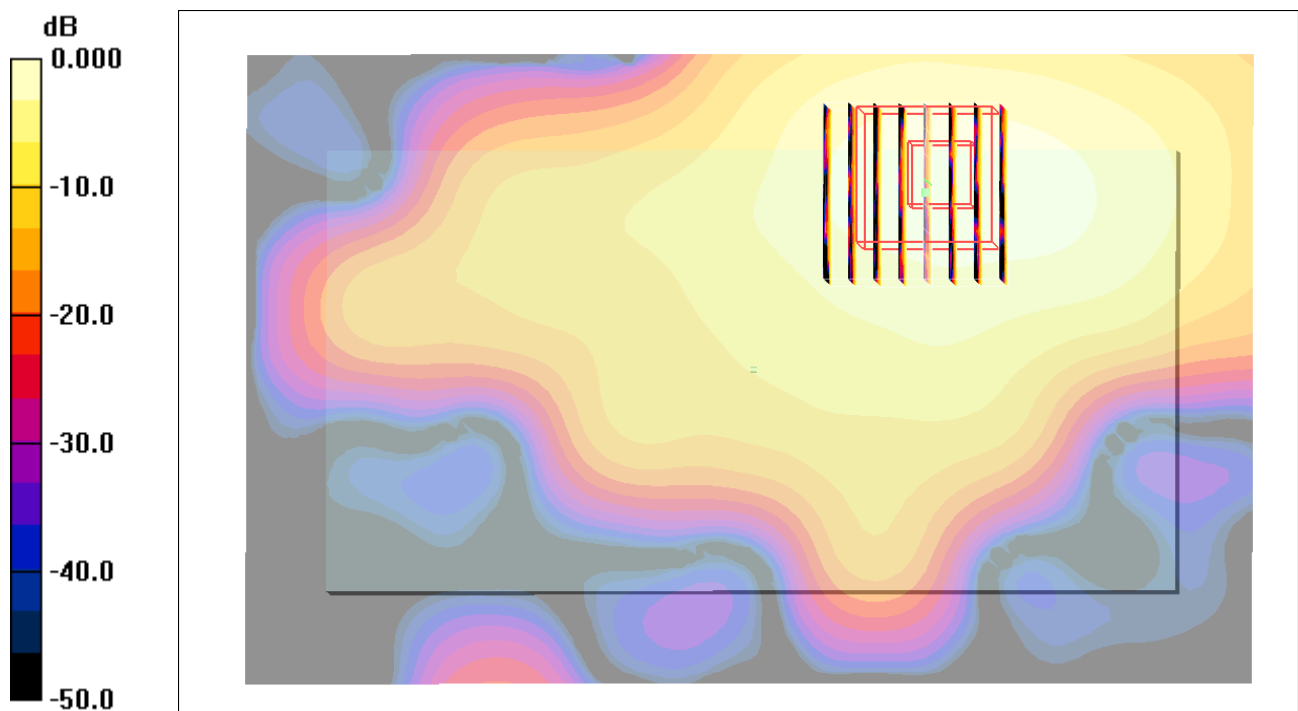
**Ch100/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.82 V/m; Power Drift = 0.157 dB

Peak SAR (extrapolated) = 0.912 W/kg

**SAR(1 g) = 0.263 mW/g; SAR(10 g) = 0.096 mW/g**

Maximum value of SAR (measured) = 0.503 mW/g



0 dB = 0.503mW/g

## #102 WLAN5G\_802.11a\_Right Side\_1cm\_Ch100

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120829 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.52$  mho/m;  $\epsilon_r = 47$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(3.9, 3.9, 3.9); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch100/Area Scan (81x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.352 mW/g

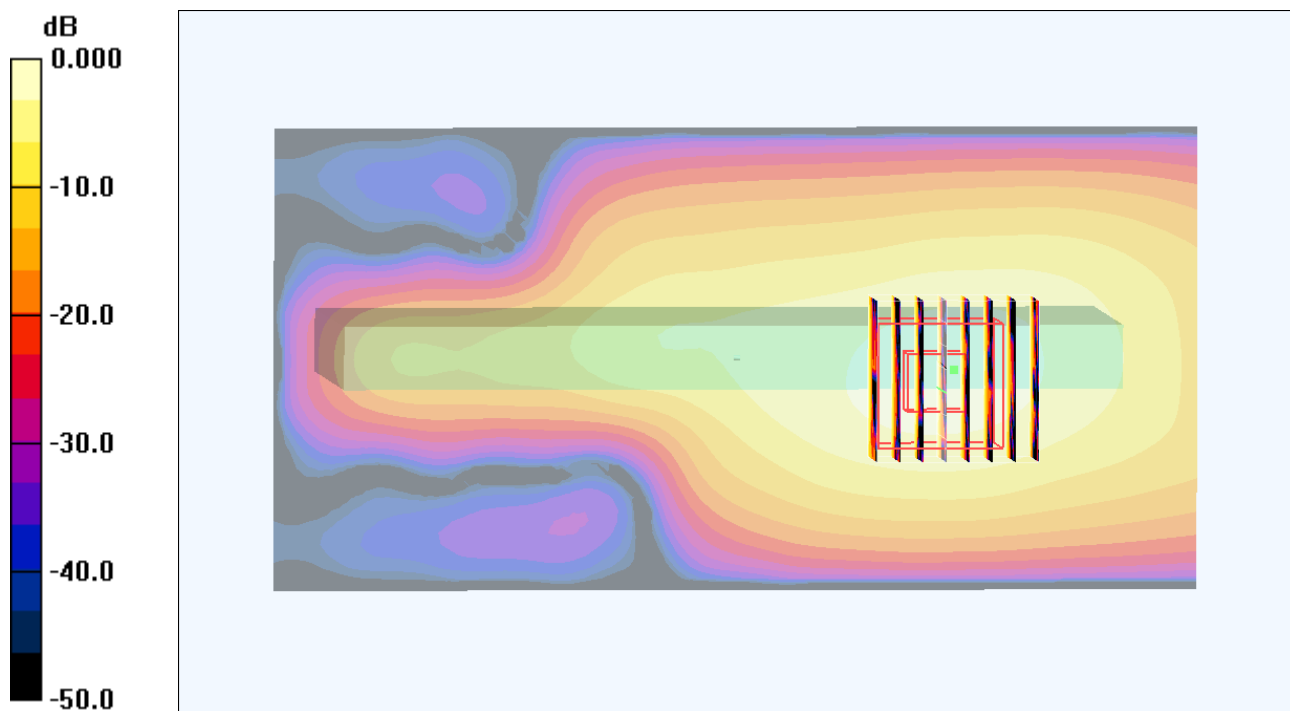
**Ch100/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.01 V/m; Power Drift = -0.032 dB

Peak SAR (extrapolated) = 0.718 W/kg

**SAR(1 g) = 0.213 mW/g; SAR(10 g) = 0.076 mW/g**

Maximum value of SAR (measured) = 0.416 mW/g



0 dB = 0.416mW/g

## #103 WLAN5G\_802.11a\_Top Side\_1cm\_Ch100

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120829 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.52$  mho/m;  $\epsilon_r = 47$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(3.9, 3.9, 3.9); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch100/Area Scan (81x101x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.124 mW/g

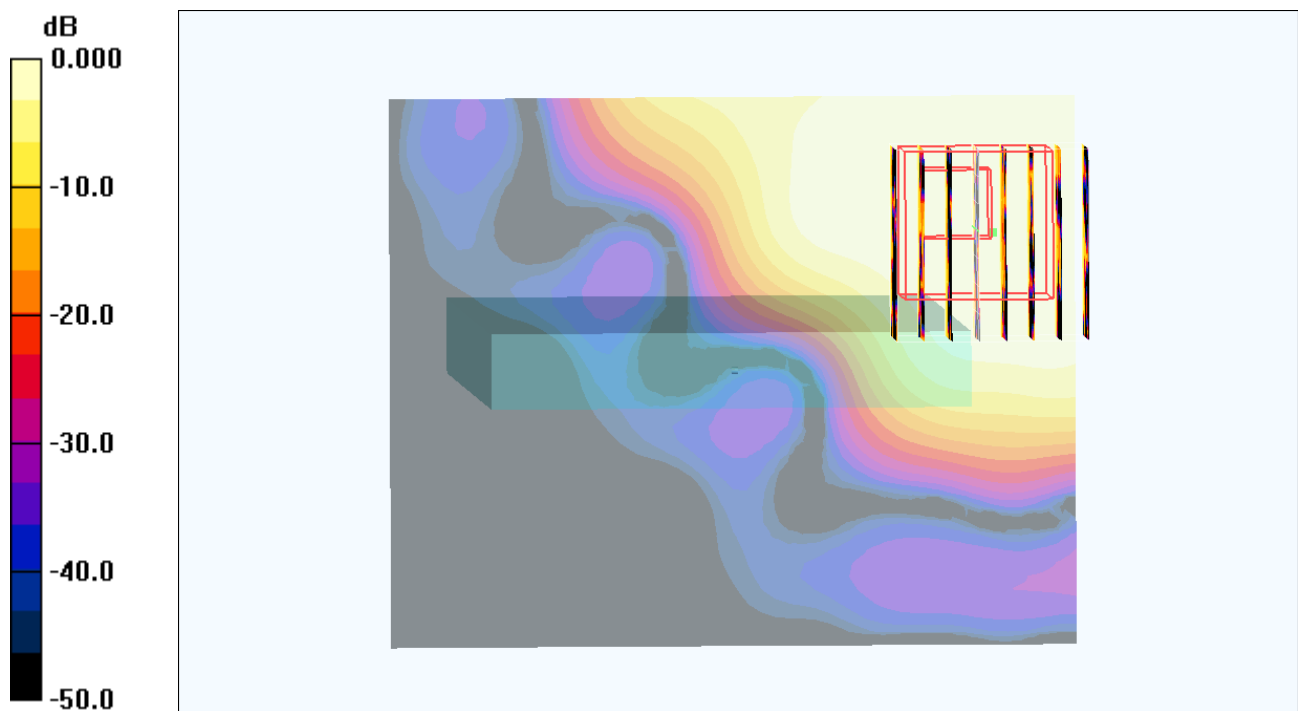
**Ch100/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.108 dB

Peak SAR (extrapolated) = 0.180 W/kg

**SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.018 mW/g**

Maximum value of SAR (measured) = 0.098 mW/g



0 dB = 0.098mW/g



## #104 WLAN5G\_802.11a\_Back\_1cm\_Ch100\_Sample2\_Battery2

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120829 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.52$  mho/m;  $\epsilon_r = 47$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(3.9, 3.9, 3.9); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch100/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.424 mW/g

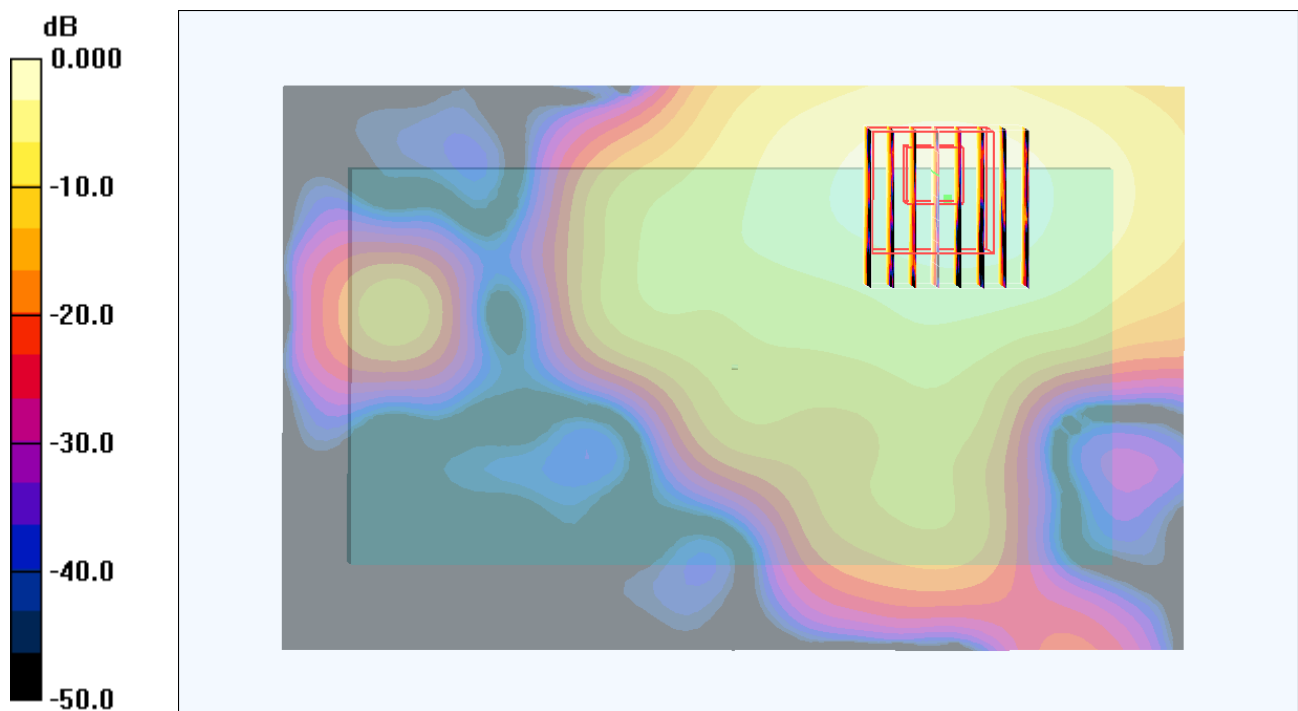
**Ch100/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.74 V/m; Power Drift = 0.073 dB

Peak SAR (extrapolated) = 0.888 W/kg

**SAR(1 g) = 0.266 mW/g; SAR(10 g) = 0.094 mW/g**

Maximum value of SAR (measured) = 0.511 mW/g



0 dB = 0.511mW/g

## #100 WLAN5G\_802.11a\_Front\_1cm\_Ch100

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120829 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.52$  mho/m;  $\epsilon_r = 47$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(3.9, 3.9, 3.9); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch100/Area Scan (121x161x1):** Measurement grid: dx=10mm, dy=10mm

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

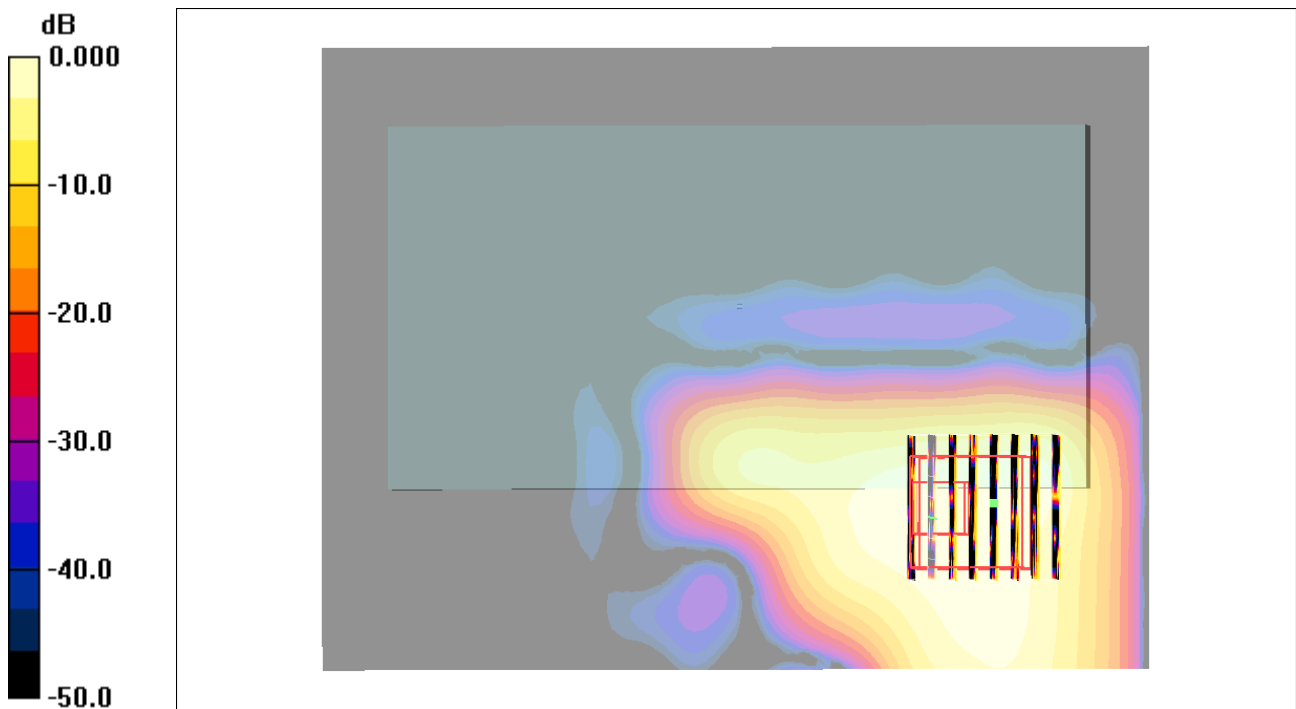
**Ch100/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.010 dB

Peak SAR (extrapolated) = 0.207 W/kg

**SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.00984 mW/g**

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



0 dB = 0.058mW/g

## #101 WLAN5G\_802.11a\_Back\_1cm\_Ch100

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120829 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.52$  mho/m;  $\epsilon_r = 47$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(3.9, 3.9, 3.9); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch100/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.423 mW/g

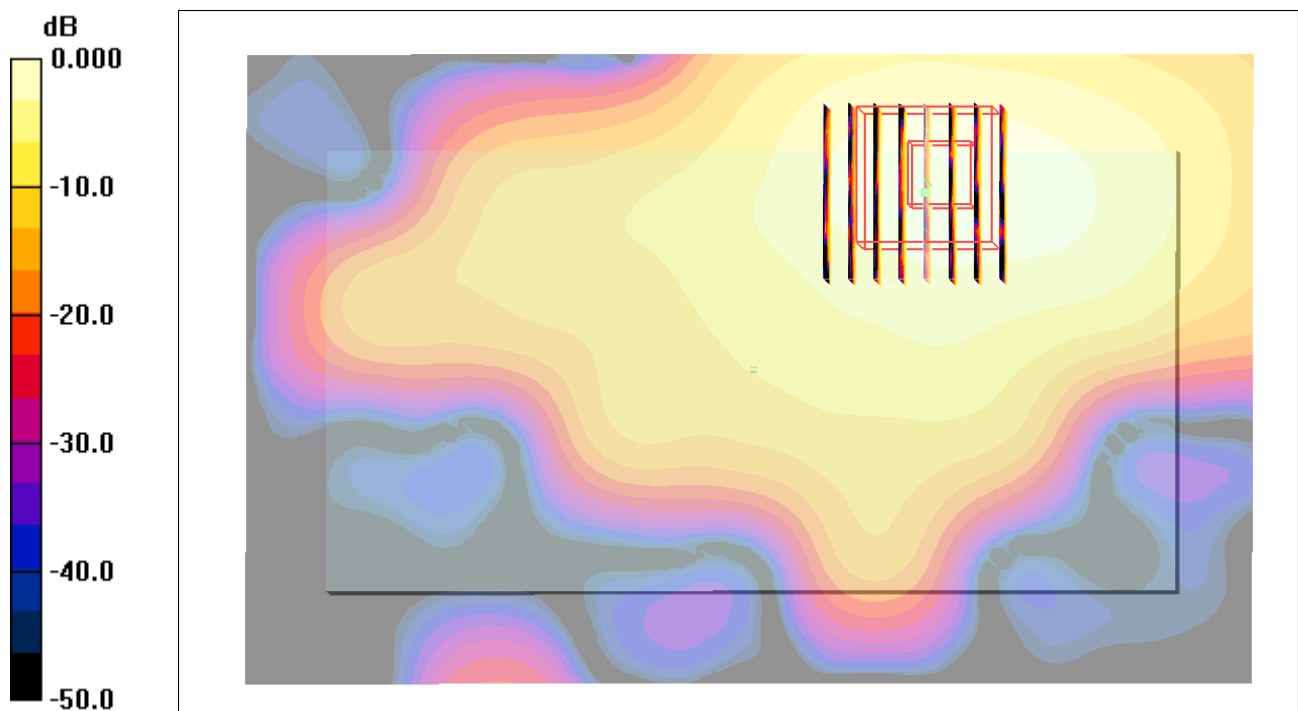
**Ch100/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.82 V/m; Power Drift = 0.157 dB

Peak SAR (extrapolated) = 0.912 W/kg

**SAR(1 g) = 0.263 mW/g; SAR(10 g) = 0.096 mW/g**

Maximum value of SAR (measured) = 0.503 mW/g



0 dB = 0.503mW/g

# #105 WLAN5G\_802.11a\_Back\_1cm\_Ch100\_Headset1

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120829 Medium parameters used:  $f = 5500 \text{ MHz}$ ;  $\sigma = 5.52 \text{ mho/m}$ ;  $\epsilon_r = 47$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(3.9, 3.9, 3.9); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch100/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.448 mW/g

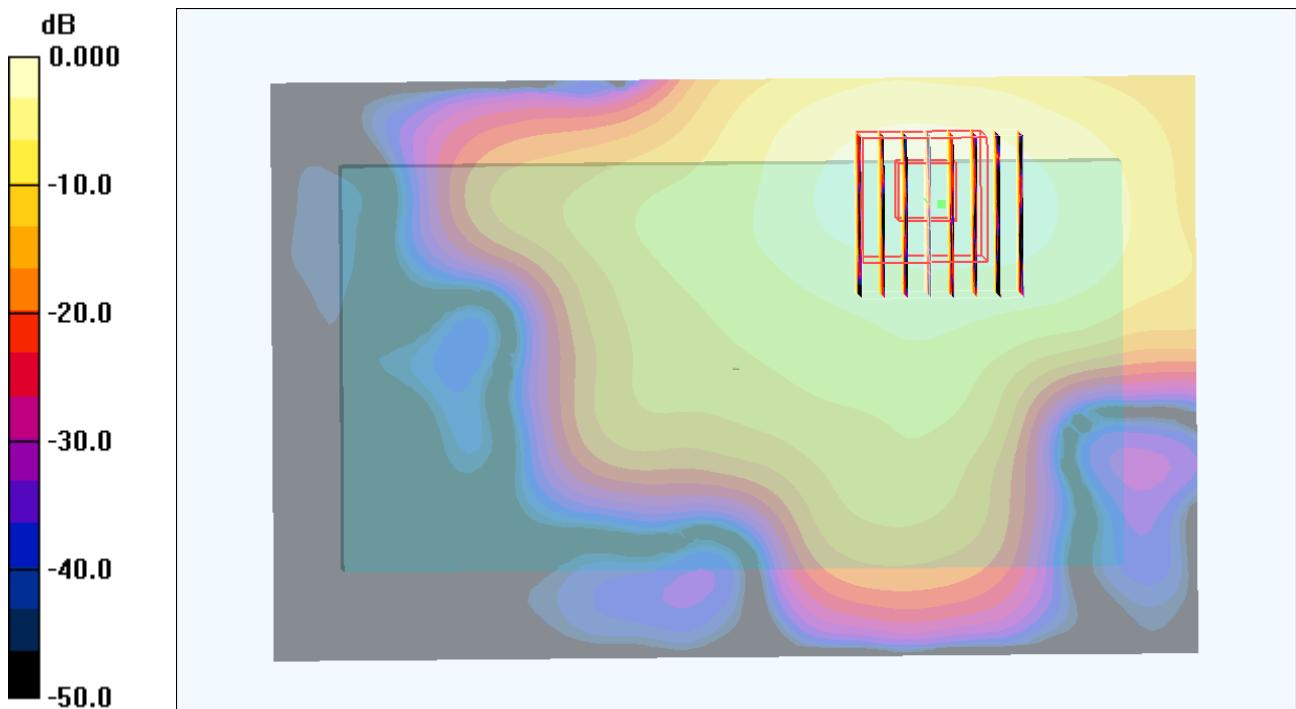
**Ch100/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.87 V/m; Power Drift = 0.055 dB

Peak SAR (extrapolated) = 0.930 W/kg

**SAR(1 g) = 0.269 mW/g; SAR(10 g) = 0.096 mW/g**

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



0 dB = 0.514mW/g

## #106 WLAN5G\_802.11a\_Back\_1cm\_Ch100\_Sample2\_Battery2\_Headset2

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120829 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.52$  mho/m;  $\epsilon_r = 47$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(3.9, 3.9, 3.9); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch100/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm

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

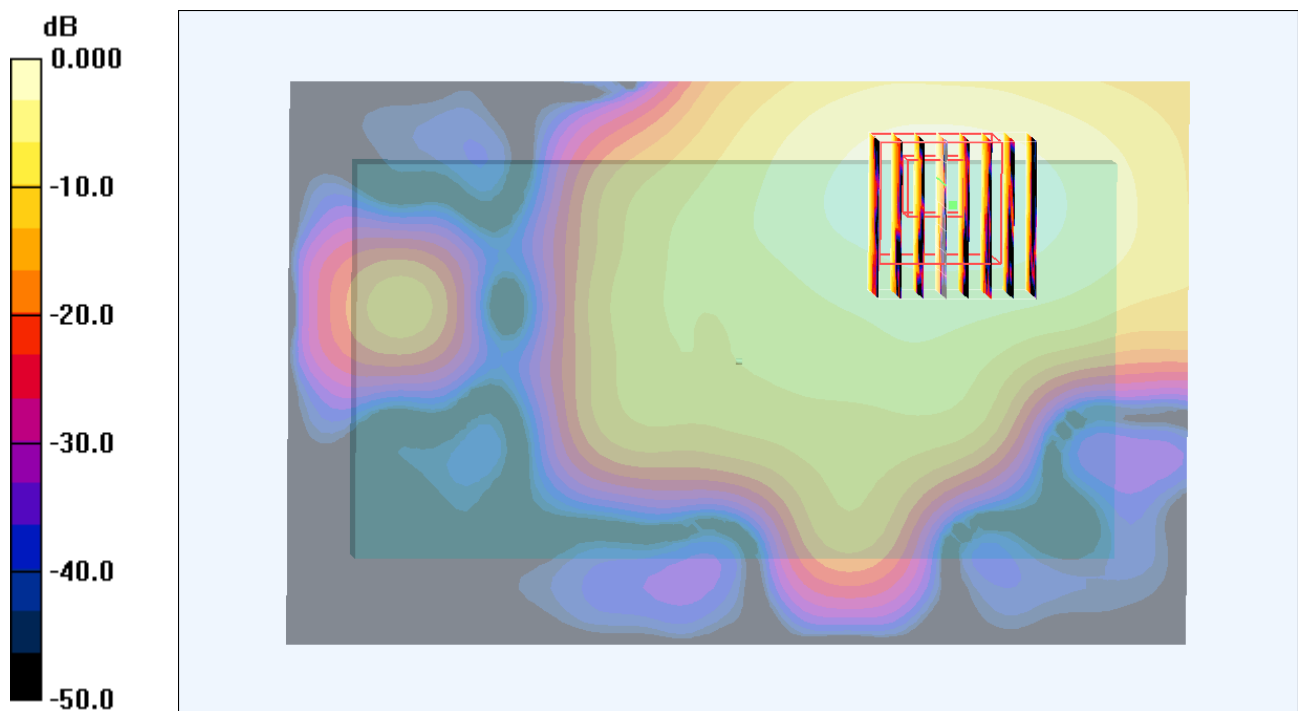
**Ch100/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.98 V/m; Power Drift = -0.113 dB

Peak SAR (extrapolated) = 0.882 W/kg

**SAR(1 g) = 0.264 mW/g; SAR(10 g) = 0.094 mW/g**

Maximum value of SAR (measured) = 0.499 mW/g



0 dB = 0.499mW/g

# #150 WLAN5G\_802.11a\_Back\_1cm\_Ch100\_Sample1\_Battery1\_Headset3

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120905 Medium parameters used:  $f = 5500 \text{ MHz}$ ;  $\sigma = 5.49 \text{ mho/m}$ ;  $\epsilon_r = 47$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch100/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.461 mW/g

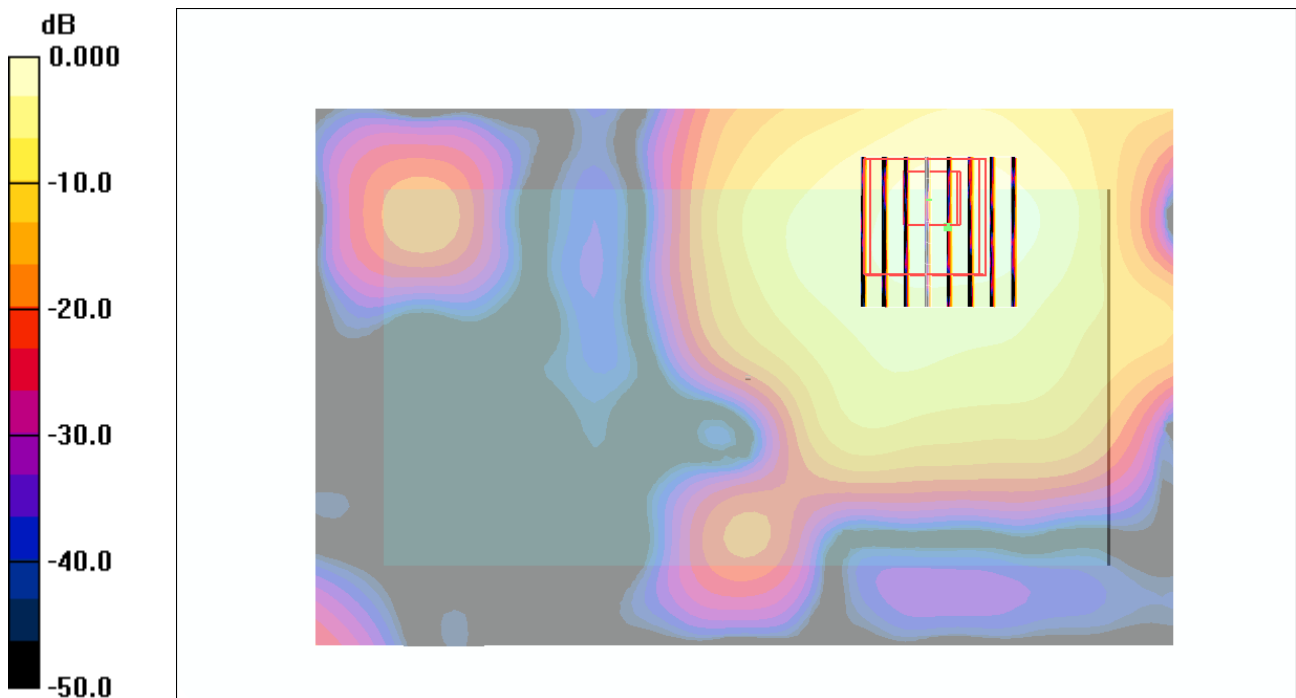
**Ch100/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.26 V/m; Power Drift = 0.192 dB

Peak SAR (extrapolated) = 1.02 W/kg

**SAR(1 g) = 0.276 mW/g; SAR(10 g) = 0.095 mW/g**

Maximum value of SAR (measured) = 0.558 mW/g



0 dB = 0.558mW/g

# #150 WLAN5G\_802.11a\_Back\_1cm\_Ch100\_Sample1\_Battery1\_Headset3\_2D

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120905 Medium parameters used:  $f = 5500 \text{ MHz}$ ;  $\sigma = 5.49 \text{ mho/m}$ ;  $\epsilon_r = 47$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch100/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.461 mW/g

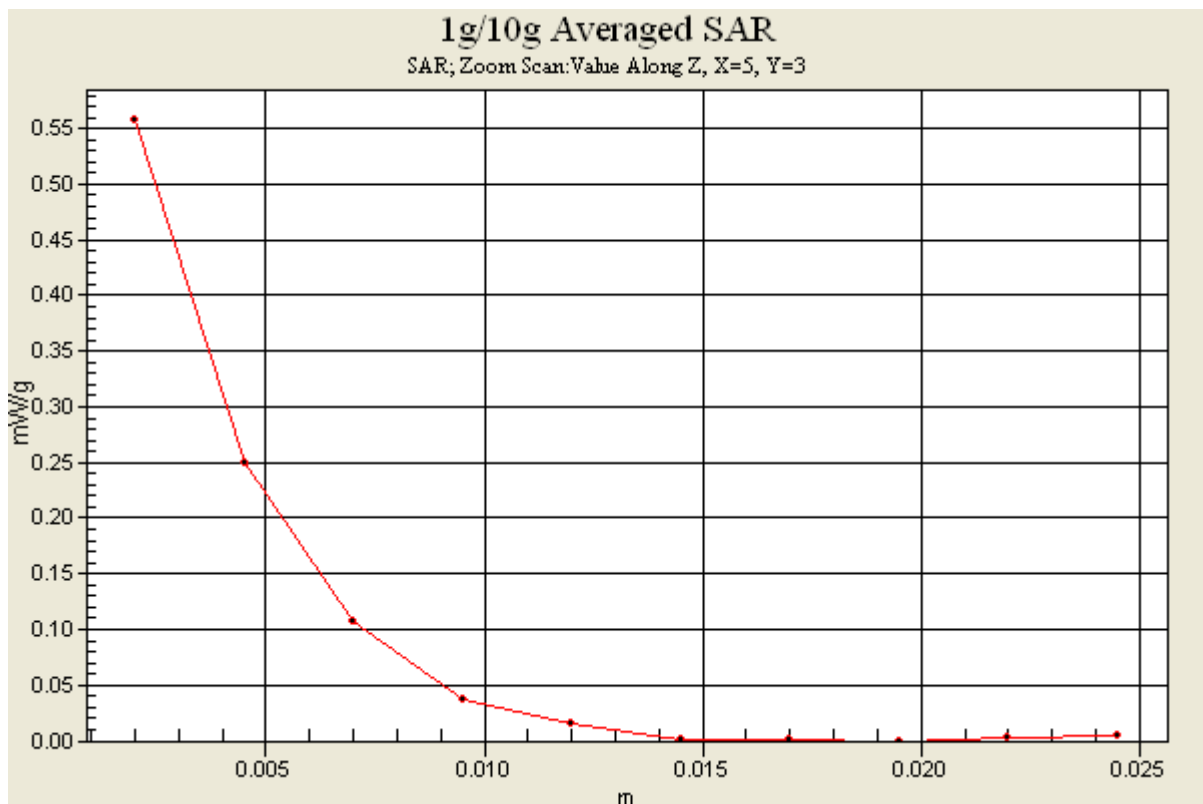
**Ch100/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.26 V/m; Power Drift = 0.192 dB

Peak SAR (extrapolated) = 1.02 W/kg

**SAR(1 g) = 0.276 mW/g; SAR(10 g) = 0.095 mW/g**

Maximum value of SAR (measured) = 0.558 mW/g



### #132 WLAN5G\_802.11a\_Front\_1cm\_Ch157

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120829 Medium parameters used:  $f = 5785 \text{ MHz}$ ;  $\sigma = 5.98 \text{ mho/m}$ ;  $\epsilon_r = 46.6$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch157/Area Scan (121x161x1):** Measurement grid: dx=10mm, dy=10mm

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

**Ch157/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.130 dB

Peak SAR (extrapolated) = 0.252 W/kg

**SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.00815 mW/g**

Maximum value of SAR (measured) = 0.045 mW/g

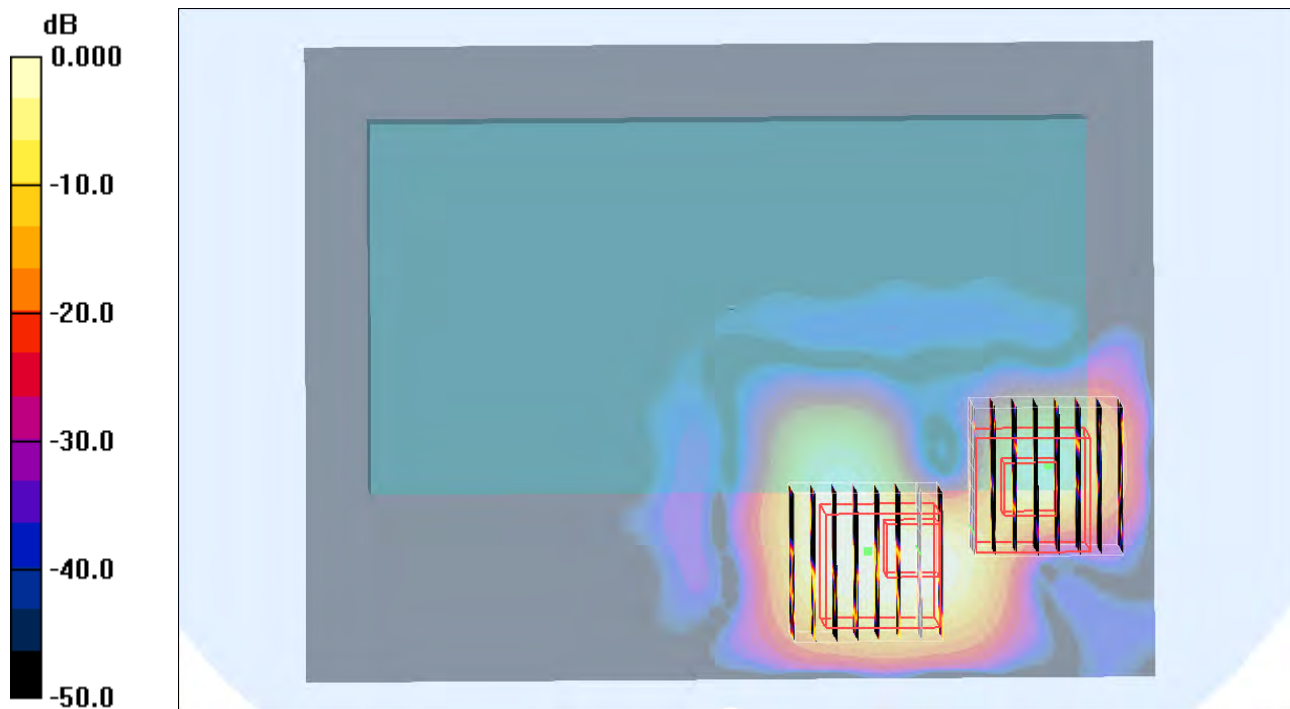
**Ch157/Zoom Scan (8x8x10)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.130 dB

Peak SAR (extrapolated) = 0.161 W/kg

**SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00306 mW/g**

Maximum value of SAR (measured) = 0.030 mW/g



0 dB = 0.030mW/g



### #133 WLAN5G\_802.11a\_Back\_1cm\_Ch157

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120829 Medium parameters used:  $f = 5785 \text{ MHz}$ ;  $\sigma = 5.98 \text{ mho/m}$ ;  $\epsilon_r = 46.6$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch157/Area Scan (121x161x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.400 mW/g

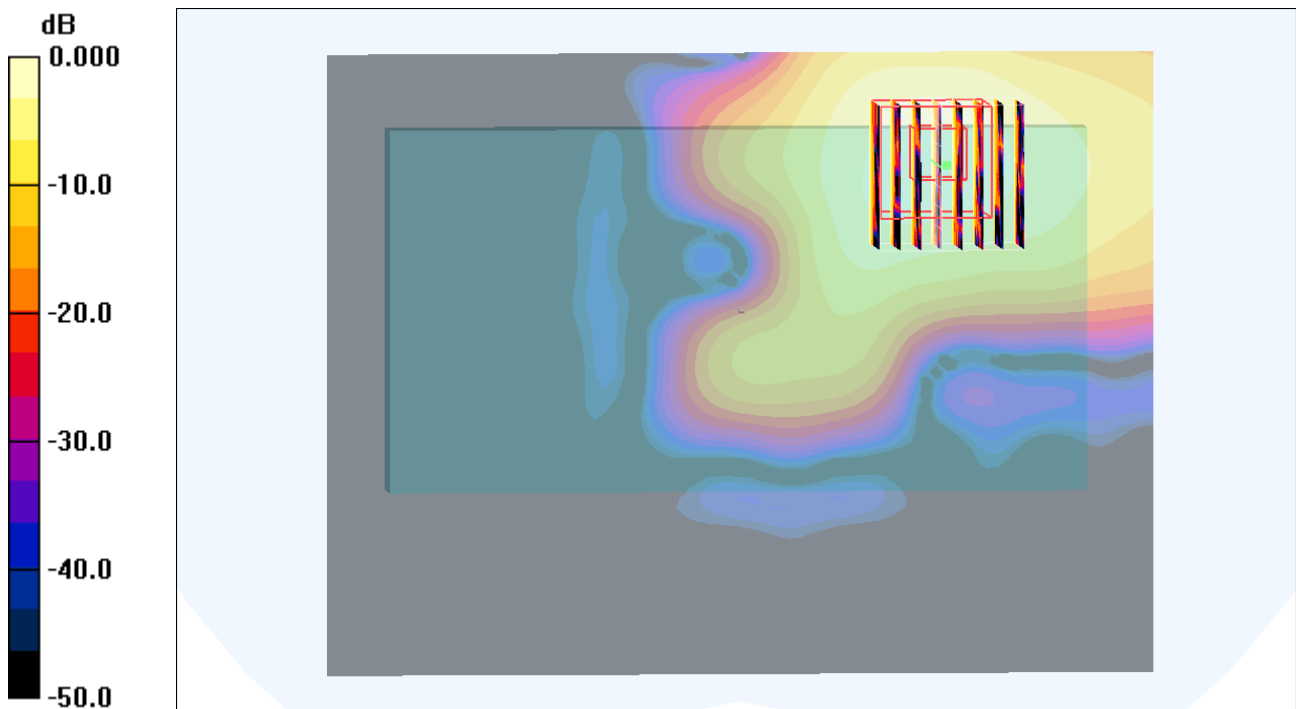
**Ch157/Zoom Scan (8x8x10)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2.5\text{mm}$

Reference Value = 1.30 V/m; Power Drift = 0.096 dB

Peak SAR (extrapolated) = 1.76 W/kg

**SAR(1 g) = 0.185 mW/g; SAR(10 g) = 0.056 mW/g**

Maximum value of SAR (measured) = 0.383 mW/g



0 dB = 0.383mW/g

### #134 WLAN5G\_802.11a\_Right Side\_1cm\_Ch157

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120829 Medium parameters used:  $f = 5785$  MHz;  $\sigma = 5.98$  mho/m;  $\epsilon_r = 46.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch157/Area Scan (81x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.271 mW/g

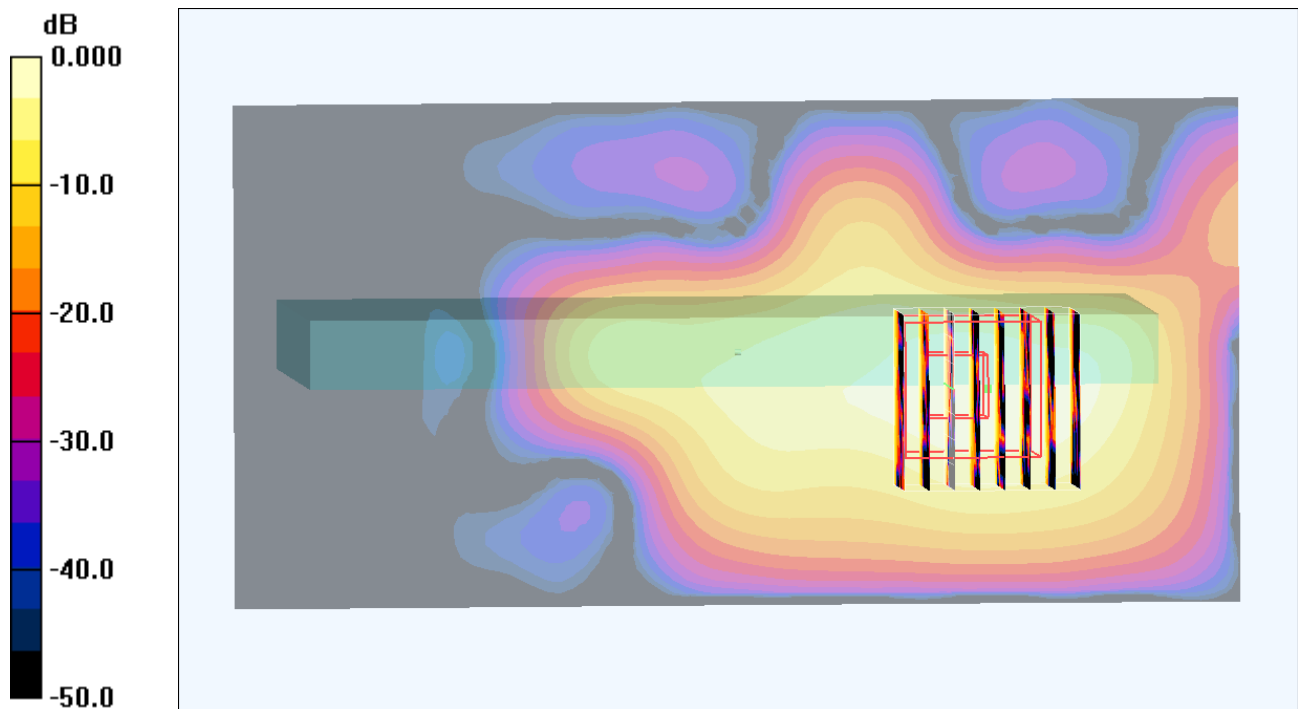
**Ch157/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.11 V/m; Power Drift = 0.051 dB

Peak SAR (extrapolated) = 0.720 W/kg

**SAR(1 g) = 0.096 mW/g; SAR(10 g) = 0.034 mW/g**

Maximum value of SAR (measured) = 0.232 mW/g



0 dB = 0.232mW/g

## #135 WLAN5G\_802.11a\_Top Side\_1cm\_Ch157

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120829 Medium parameters used:  $f = 5785 \text{ MHz}$ ;  $\sigma = 5.98 \text{ mho/m}$ ;  $\epsilon_r = 46.6$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch157/Area Scan (81x121x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.187 mW/g

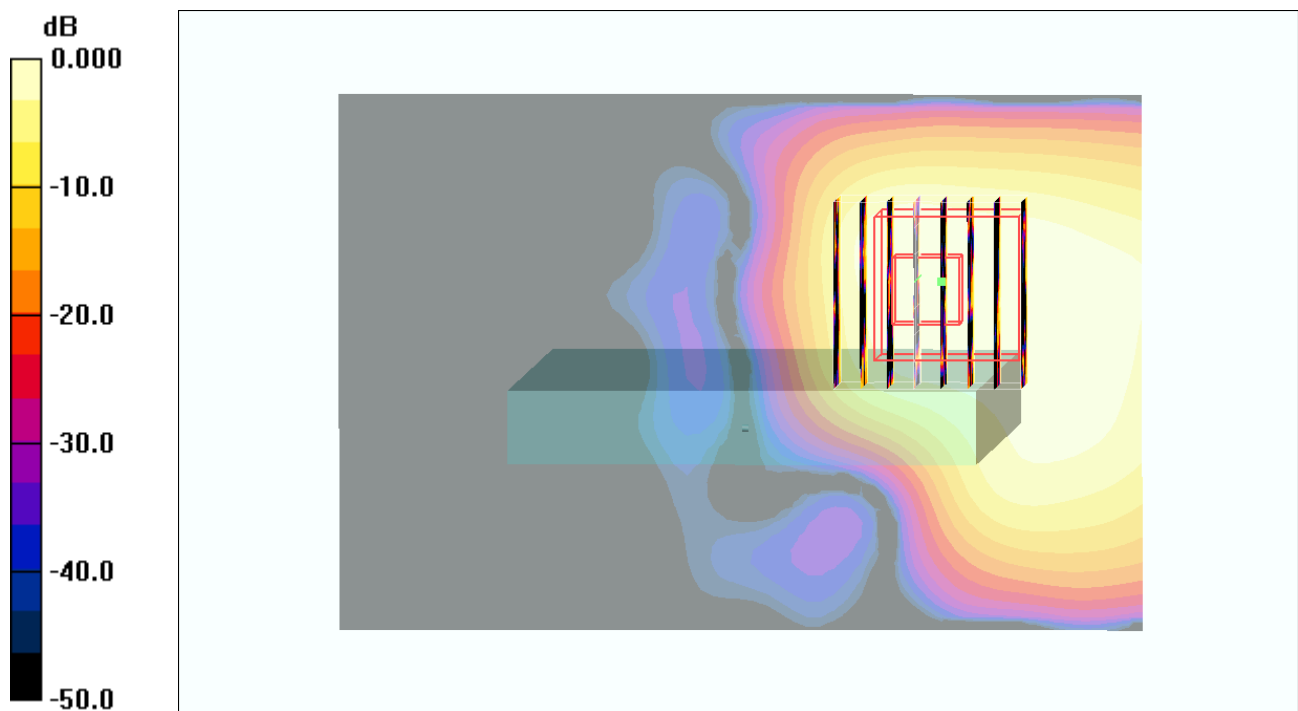
**Ch157/Zoom Scan (8x8x10)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2.5\text{mm}$

Reference Value = 0.000 V/m; Power Drift = 0.194 dB

Peak SAR (extrapolated) = 0.299 W/kg

**SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.014 mW/g**

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



0 dB = 0.079mW/g

## #136 WLAN5G\_802.11a\_Back\_1cm\_Ch157\_Sample2\_Battery2

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120829 Medium parameters used:  $f = 5785$  MHz;  $\sigma = 5.98$  mho/m;  $\epsilon_r = 46.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch157/Area Scan (121x161x1):** Measurement grid: dx=10mm, dy=10mm

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

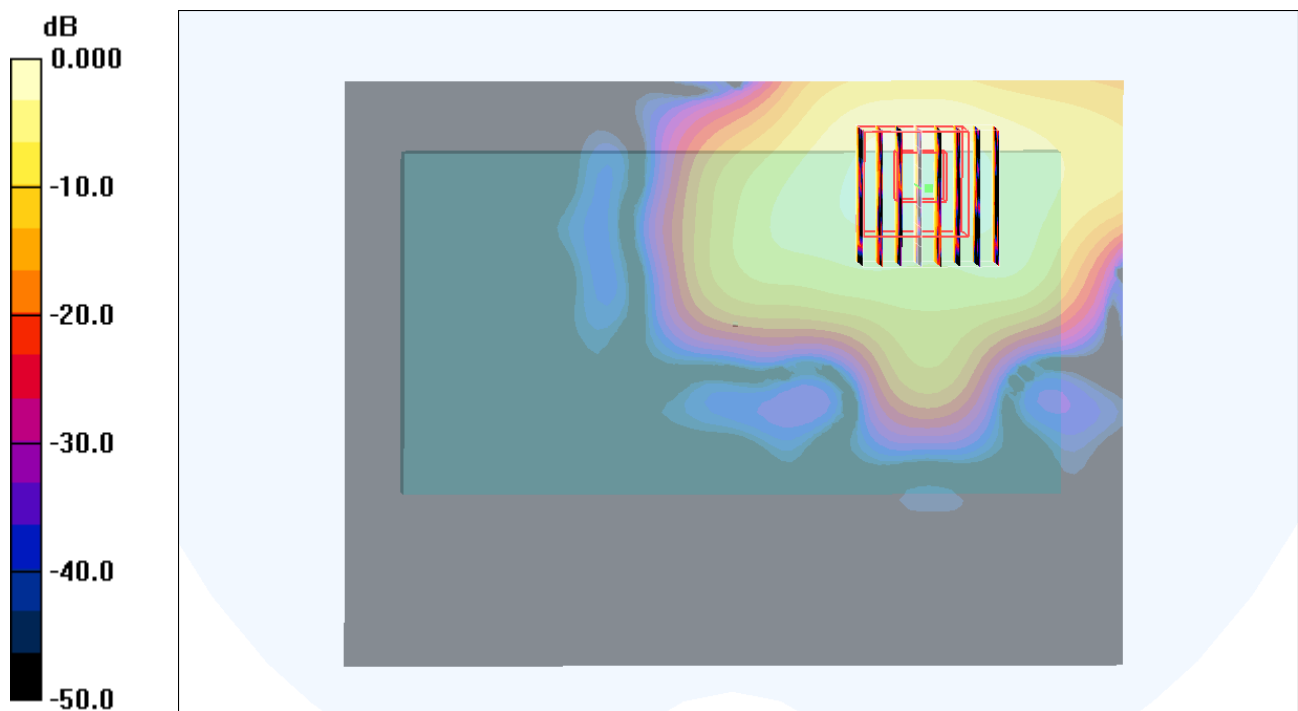
**Ch157/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.120 dB

Peak SAR (extrapolated) = 0.647 W/kg

**SAR(1 g) = 0.181 mW/g; SAR(10 g) = 0.058 mW/g**

Maximum value of SAR (measured) = 0.376 mW/g



0 dB = 0.376mW/g

## #132 WLAN5G\_802.11a\_Front\_1cm\_Ch157

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120829 Medium parameters used:  $f = 5785$  MHz;  $\sigma = 5.98$  mho/m;  $\epsilon_r = 46.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch157/Area Scan (121x161x1):** Measurement grid: dx=10mm, dy=10mm

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

**Ch157/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.130 dB

Peak SAR (extrapolated) = 0.252 W/kg

**SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.00815 mW/g**

Maximum value of SAR (measured) = 0.045 mW/g

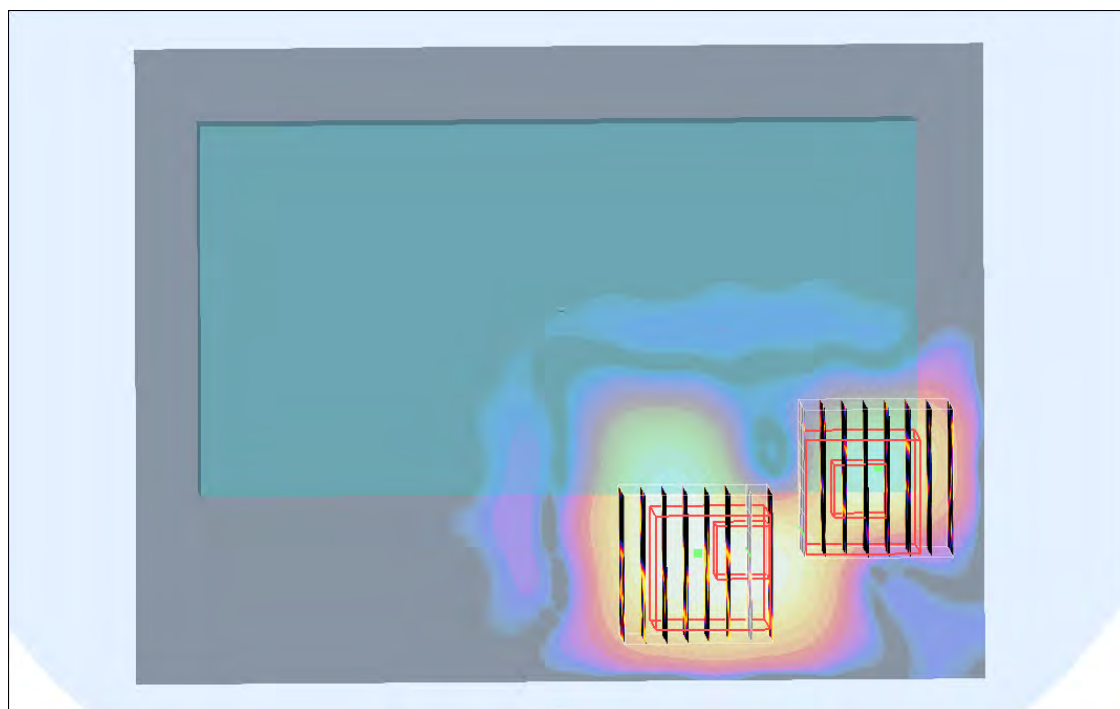
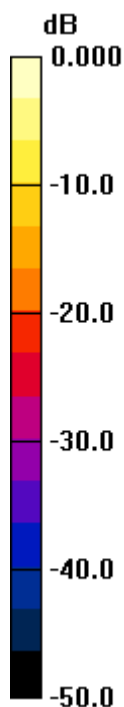
**Ch157/Zoom Scan (8x8x10)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.130 dB

Peak SAR (extrapolated) = 0.161 W/kg

**SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00306 mW/g**

Maximum value of SAR (measured) = 0.030 mW/g



0 dB = 0.030mW/g

### #133 WLAN5G\_802.11a\_Back\_1cm\_Ch157

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120829 Medium parameters used:  $f = 5785$  MHz;  $\sigma = 5.98$  mho/m;  $\epsilon_r = 46.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch157/Area Scan (121x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.400 mW/g

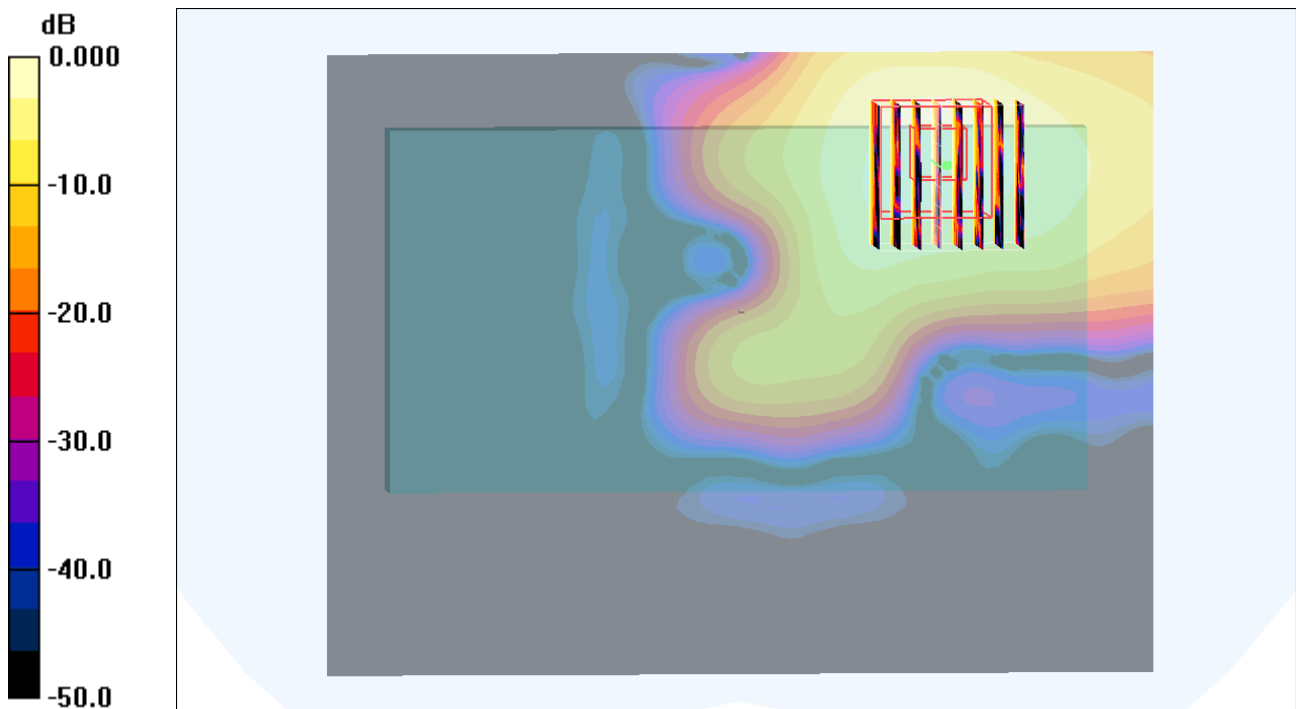
**Ch157/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.30 V/m; Power Drift = 0.096 dB

Peak SAR (extrapolated) = 1.76 W/kg

**SAR(1 g) = 0.185 mW/g; SAR(10 g) = 0.056 mW/g**

Maximum value of SAR (measured) = 0.383 mW/g



0 dB = 0.383mW/g

# #137 WLAN5G\_802.11a\_Back\_1cm\_Ch157\_Headset1

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120829 Medium parameters used:  $f = 5785 \text{ MHz}$ ;  $\sigma = 5.98 \text{ mho/m}$ ;  $\epsilon_r = 46.6$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch157/Area Scan (121x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.391 mW/g

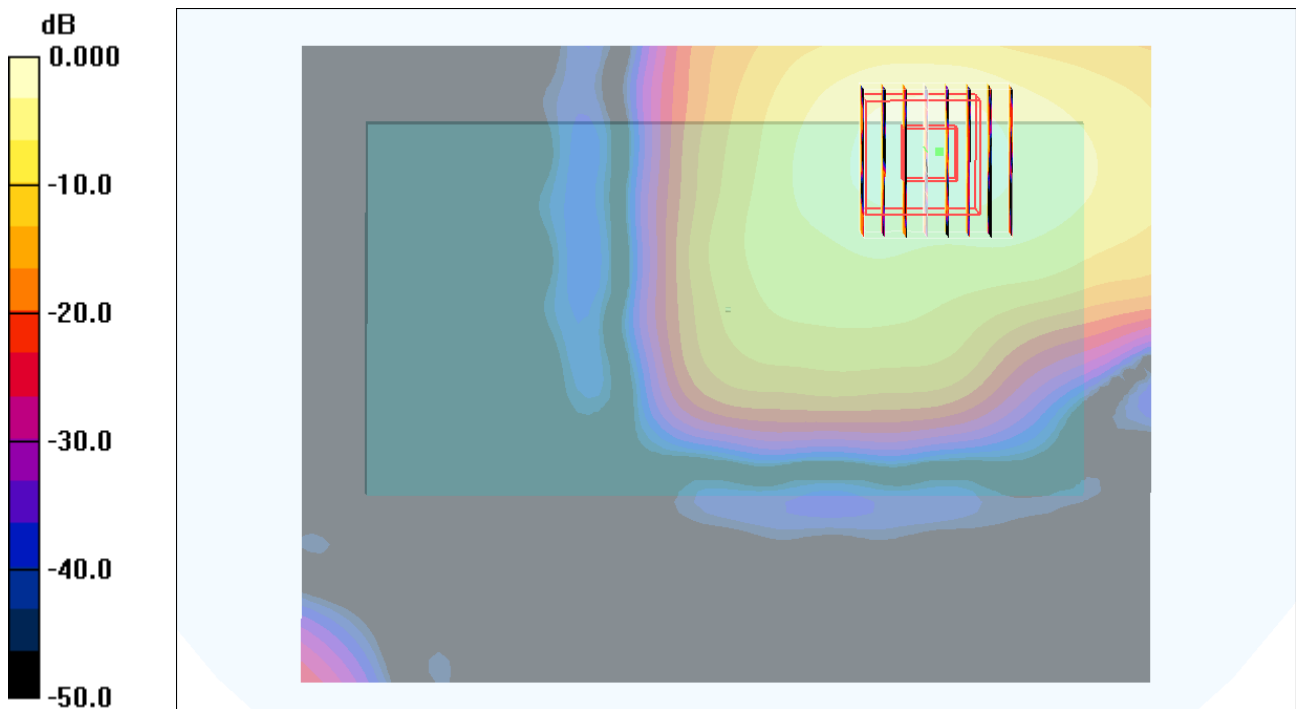
**Ch157/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.18 V/m; Power Drift = 0.084 dB

Peak SAR (extrapolated) = 0.700 W/kg

**SAR(1 g) = 0.187 mW/g; SAR(10 g) = 0.057 mW/g**

Maximum value of SAR (measured) = 0.388 mW/g



0 dB = 0.388mW/g

## #138 WLAN5G\_802.11a\_Back\_1cm\_Ch157\_Sample2\_Battery2\_Headset2

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120829 Medium parameters used:  $f = 5785$  MHz;  $\sigma = 5.98$  mho/m;  $\epsilon_r = 46.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.02, 4.02, 4.02); Calibrated: 2011/11/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch157/Area Scan (121x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.380 mW/g

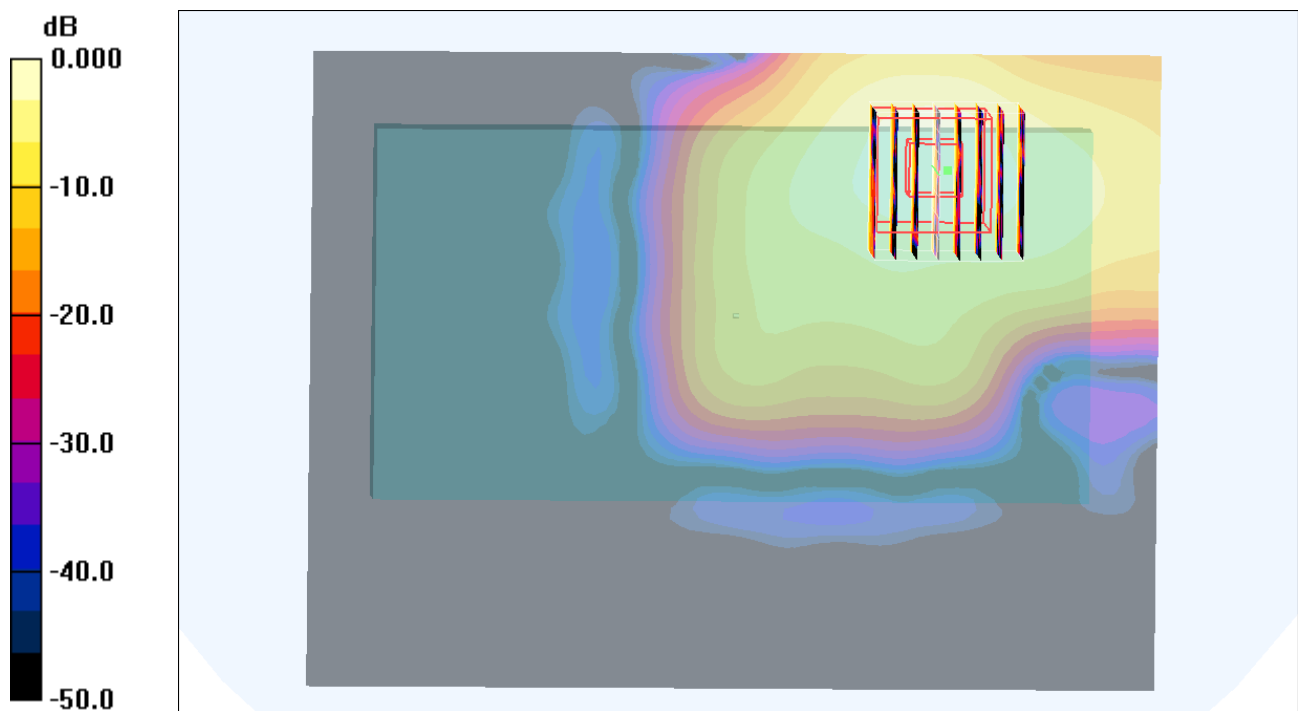
**Ch157/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.62 V/m; Power Drift = 0.145 dB

Peak SAR (extrapolated) = 0.654 W/kg

**SAR(1 g) = 0.183 mW/g; SAR(10 g) = 0.058 mW/g**

Maximum value of SAR (measured) = 0.377 mW/g



0 dB = 0.377mW/g



# #151 WLAN5G\_802.11a\_Back\_1cm\_Ch157\_Sample1\_Battery1\_Headset3

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120905 Medium parameters used:  $f = 5785 \text{ MHz}$ ;  $\sigma = 5.94 \text{ mho/m}$ ;  $\epsilon_r = 46.5$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch157/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.467 mW/g

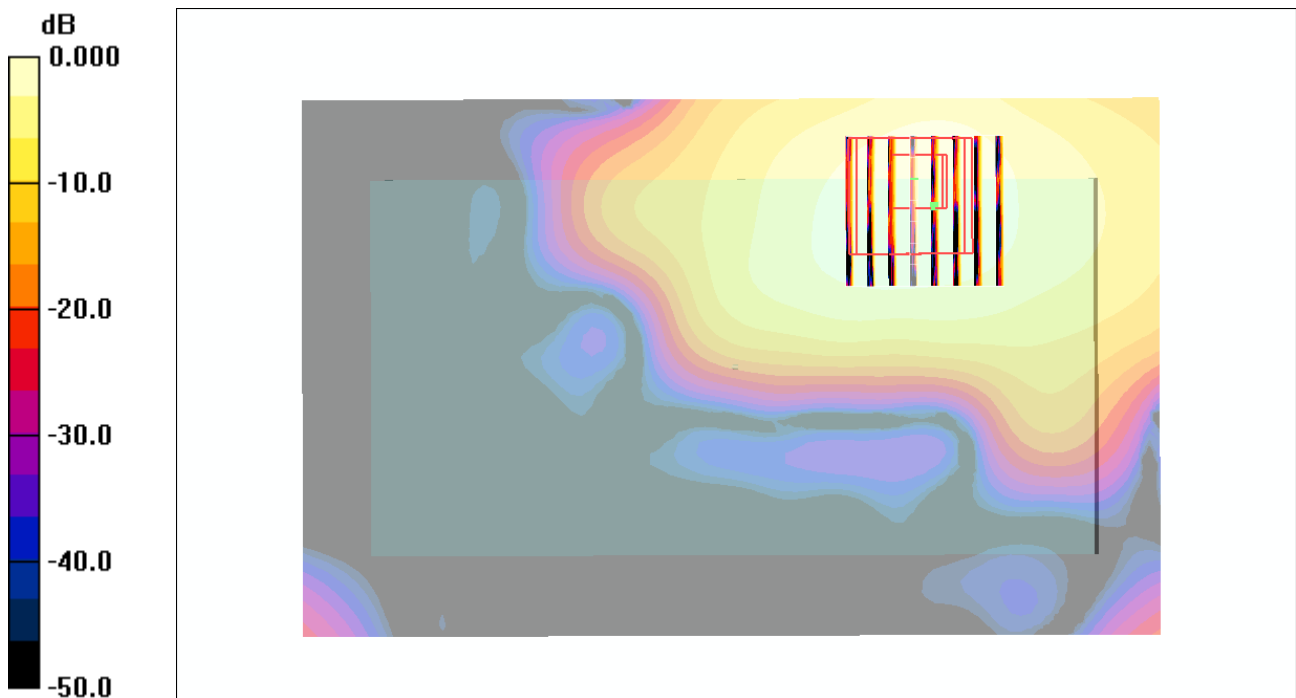
**Ch157/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.490 V/m; Power Drift = 0.151 dB

Peak SAR (extrapolated) = 0.773 W/kg

**SAR(1 g) = 0.218 mW/g; SAR(10 g) = 0.076 mW/g**

Maximum value of SAR (measured) = 0.419 mW/g



0 dB = 0.419mW/g

## #151 WLAN5G\_802.11a\_Back\_1cm\_Ch157\_Sample1\_Battery1\_Headset3\_2D

**DUT: 280818-01**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_120905 Medium parameters used:  $f = 5785$  MHz;  $\sigma = 5.94$  mho/m;  $\epsilon_r = 46.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch157/Area Scan (101x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.467 mW/g

**Ch157/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.490 V/m; Power Drift = 0.151 dB

Peak SAR (extrapolated) = 0.773 W/kg

**SAR(1 g) = 0.218 mW/g; SAR(10 g) = 0.076 mW/g**

Maximum value of SAR (measured) = 0.419 mW/g

