

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

**DUT: 132121**

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

Medium: HSL\_835\_110401 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.916$  mho/m;  $\epsilon_r = 41.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

**DASY5 Configuration:**

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

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

Maximum value of SAR (interpolated) = 0.776 mW/g

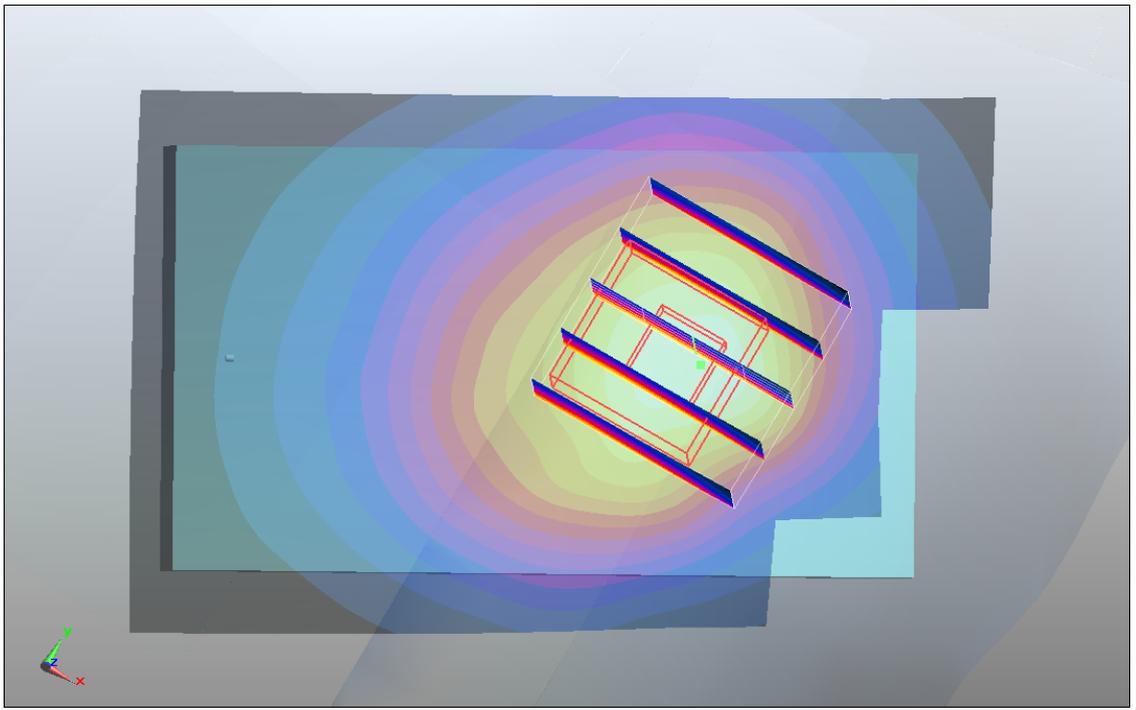
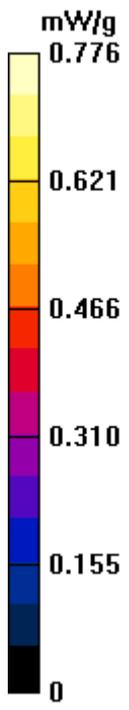
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.49 V/m; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 0.923 W/kg

**SAR(1 g) = 0.708 mW/g; SAR(10 g) = 0.516 mW/g**

Maximum value of SAR (measured) = 0.745 mW/g



## #02 GSM850\_Right Tilted\_Ch251

### DUT: 132121

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

Medium: HSL\_835\_110401 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.916$  mho/m;  $\epsilon_r = 41.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.4 °C

#### DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 0.437 mW/g

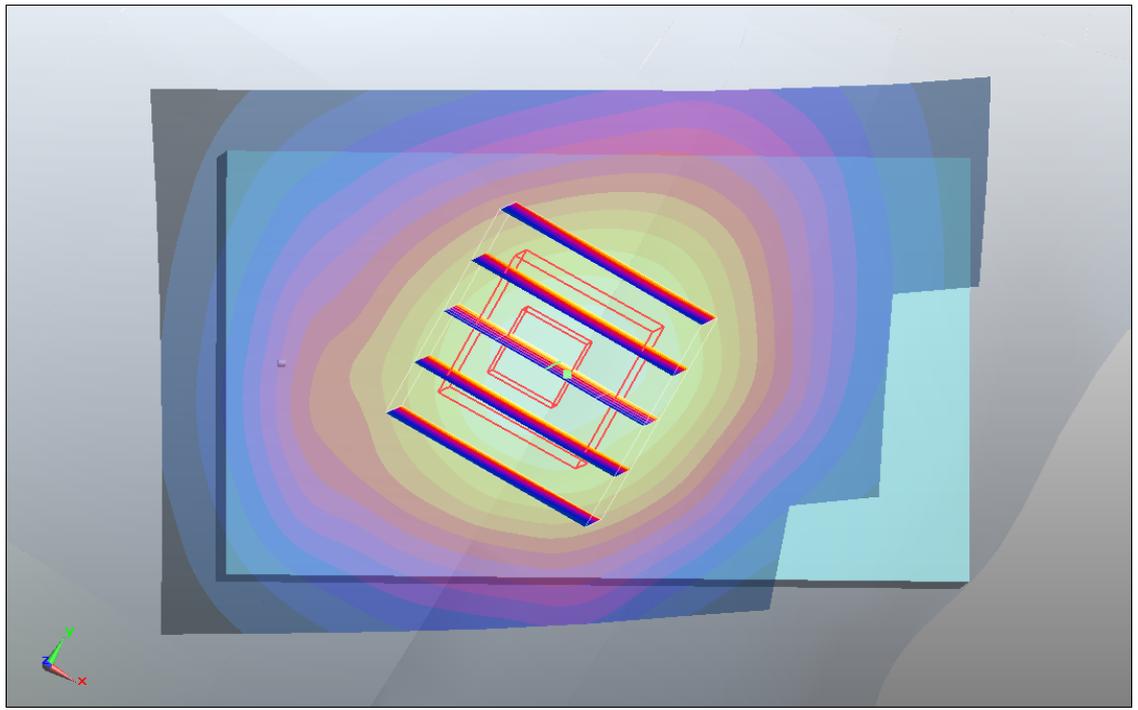
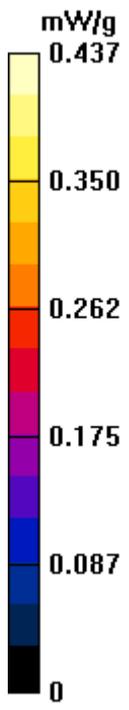
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14 V/m; Power Drift = -0.032 dB

Peak SAR (extrapolated) = 0.543 W/kg

**SAR(1 g) = 0.418 mW/g; SAR(10 g) = 0.310 mW/g**

Maximum value of SAR (measured) = 0.439 mW/g



**#03 GSM850\_Left Cheek\_Ch251**

**DUT: 132121**

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

Medium: HSL\_835\_110401 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.916$  mho/m;  $\epsilon_r = 41.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.4 °C

**DASY5 Configuration:**

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

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

Maximum value of SAR (interpolated) = 0.853 mW/g

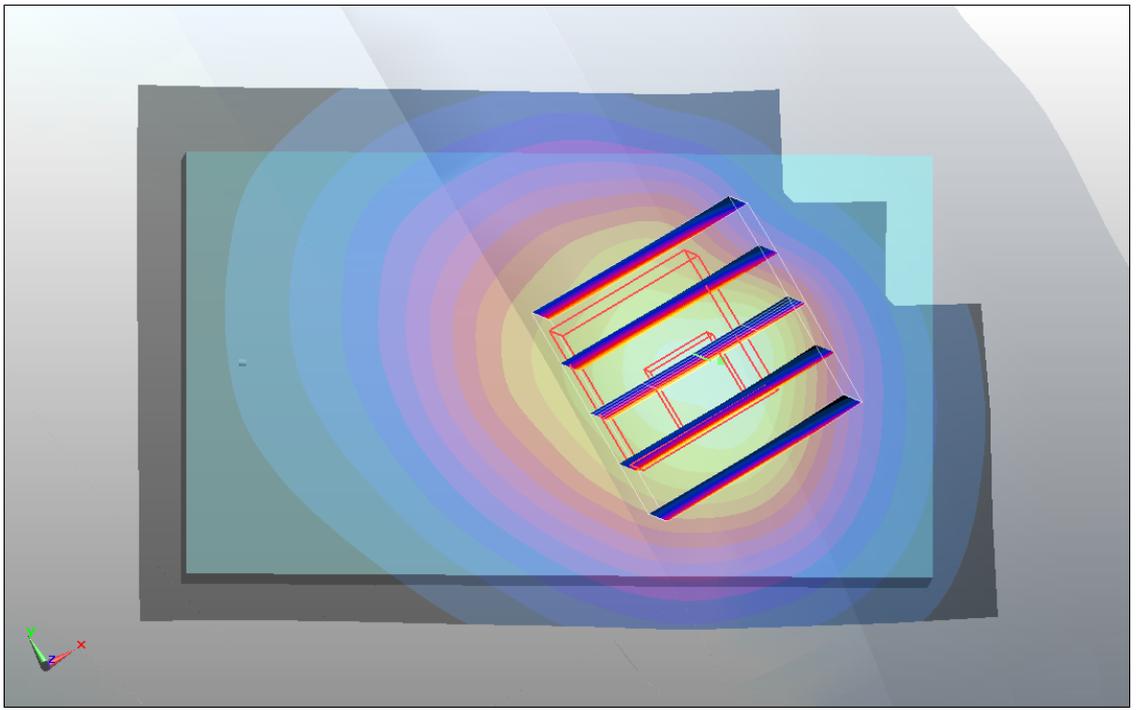
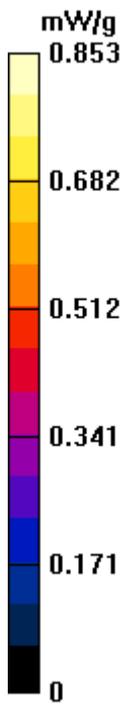
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.54 V/m; Power Drift = 0.035 dB

Peak SAR (extrapolated) = 1.04 W/kg

**SAR(1 g) = 0.748 mW/g; SAR(10 g) = 0.536 mW/g**

Maximum value of SAR (measured) = 0.781 mW/g



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

**DUT: 132121**

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

Medium: HSL\_835\_110401 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.916$  mho/m;  $\epsilon_r = 41.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

**DASY5 Configuration:**

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

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

Maximum value of SAR (interpolated) = 0.853 mW/g

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

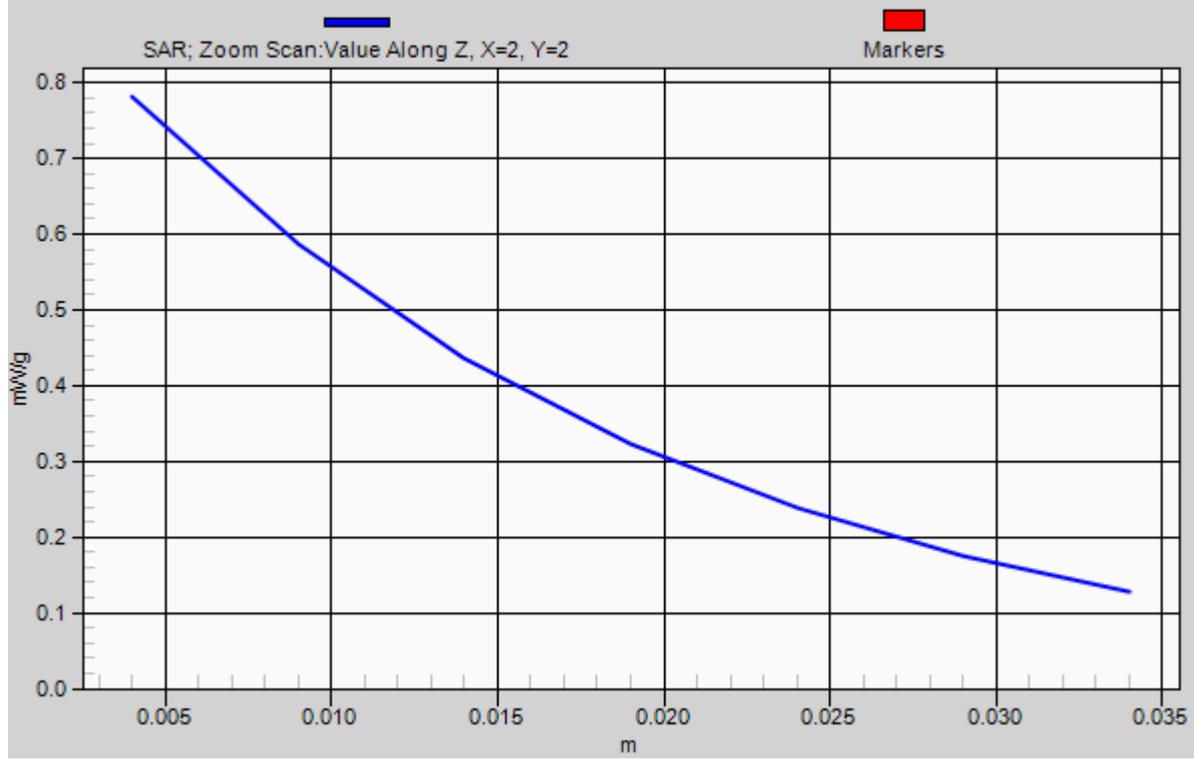
Reference Value = 9.54 V/m; Power Drift = 0.035 dB

Peak SAR (extrapolated) = 1.04 W/kg

**SAR(1 g) = 0.748 mW/g; SAR(10 g) = 0.536 mW/g**

Maximum value of SAR (measured) = 0.781 mW/g

# 1g/10g Averaged SAR



## #04 GSM850\_Left Tilted\_Ch251

### DUT: 132121

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

Medium: HSL\_835\_110401 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.916$  mho/m;  $\epsilon_r = 41.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.4 °C

#### DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 0.485 mW/g

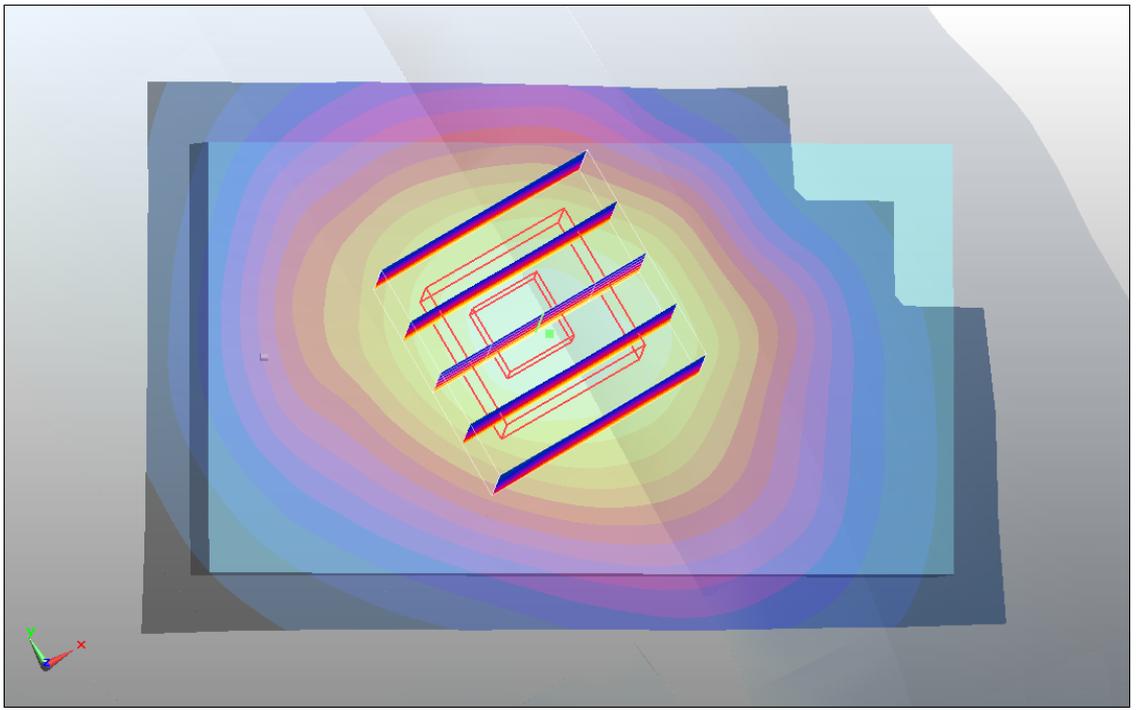
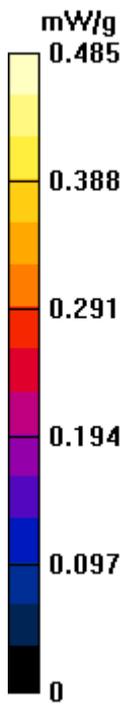
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.9 V/m; Power Drift = 0.040 dB

Peak SAR (extrapolated) = 0.585 W/kg

**SAR(1 g) = 0.462 mW/g; SAR(10 g) = 0.344 mW/g**

Maximum value of SAR (measured) = 0.484 mW/g



## #11 GSM1900\_Right Cheek\_Ch661

### DUT: 132121

Communication System: Generic GSM; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_110402 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.4$  mho/m;  $\epsilon_r = 40.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

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

**Ch661/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.998 mW/g

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

Reference Value = 12.5 V/m; Power Drift = -0.058 dB

Peak SAR (extrapolated) = 1.66 W/kg

**SAR(1 g) = 0.985 mW/g; SAR(10 g) = 0.527 mW/g**

Maximum value of SAR (measured) = 1.05 mW/g

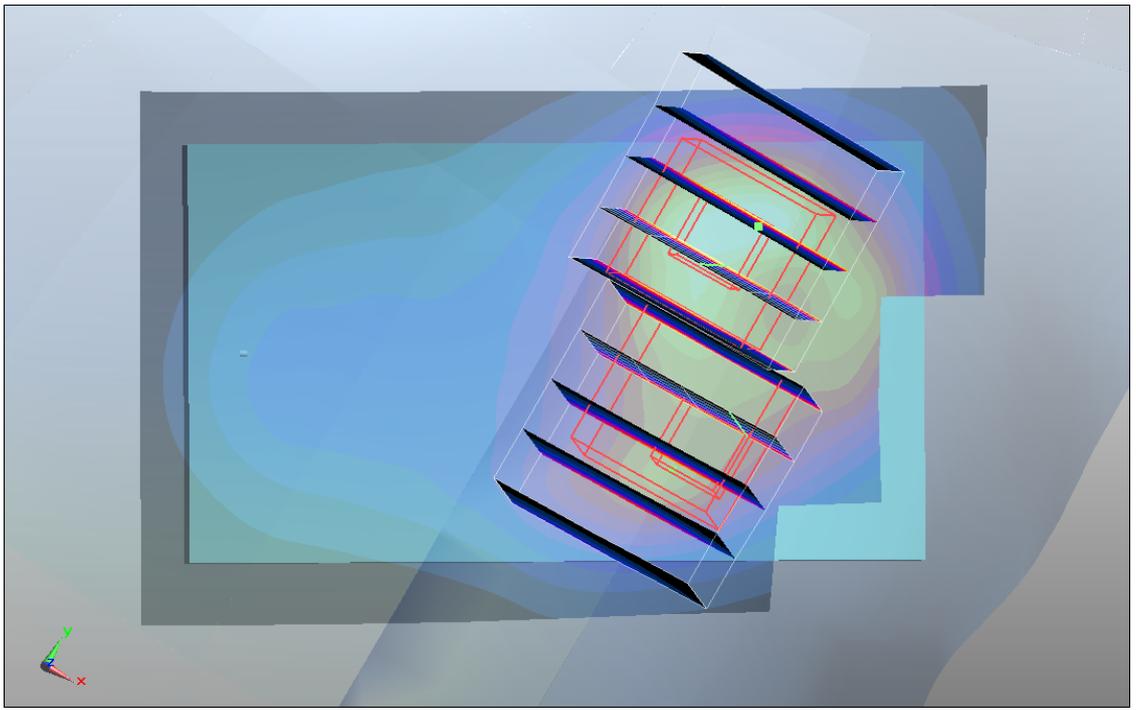
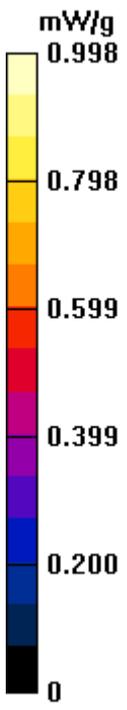
**Ch661/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.5 V/m; Power Drift = -0.058 dB

Peak SAR (extrapolated) = 1.22 W/kg

**SAR(1 g) = 0.703 mW/g; SAR(10 g) = 0.405 mW/g**

Maximum value of SAR (measured) = 0.730 mW/g



## #15 GSM1900\_Right Cheek\_Ch512

### DUT: 132121

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

Medium: HSL\_1900\_110402 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.37$  mho/m;  $\epsilon_r = 40.7$ ;

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

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

#### DASY5 Configuration:

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

**Ch512/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.953 mW/g

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

Reference Value = 11.9 V/m; Power Drift = -0.00723 dB

Peak SAR (extrapolated) = 1.64 W/kg

**SAR(1 g) = 0.958 mW/g; SAR(10 g) = 0.512 mW/g**

Maximum value of SAR (measured) = 1.03 mW/g

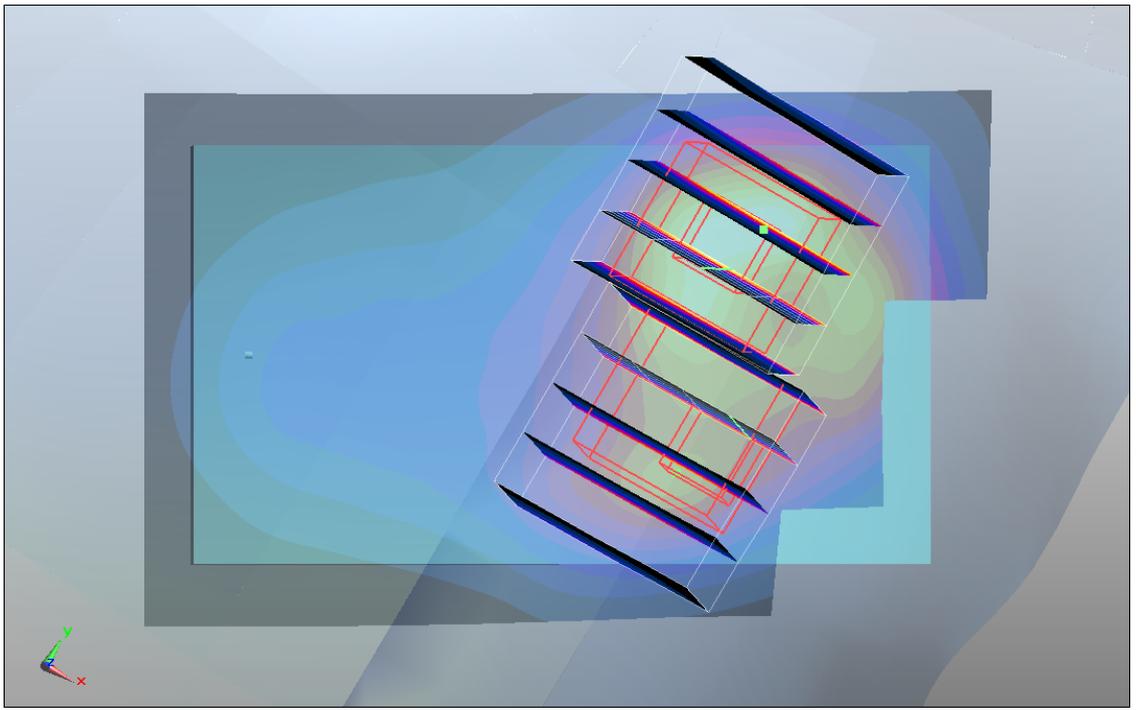
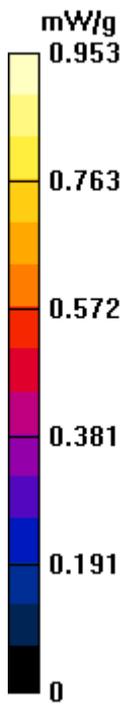
**Ch512/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.9 V/m; Power Drift = -0.00723 dB

Peak SAR (extrapolated) = 1.17 W/kg

**SAR(1 g) = 0.677 mW/g; SAR(10 g) = 0.390 mW/g**

Maximum value of SAR (measured) = 0.706 mW/g



## #16 GSM1900\_Right Cheek\_Ch810

### DUT: 132121

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

Medium: HSL\_1900\_110402 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.42$  mho/m;  $\epsilon_r = 40.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 1.01 mW/g

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

Reference Value = 12.8 V/m; Power Drift = 0.029 dB

Peak SAR (extrapolated) = 1.71 W/kg

**SAR(1 g) = 0.992 mW/g; SAR(10 g) = 0.532 mW/g**

Maximum value of SAR (measured) = 1.08 mW/g

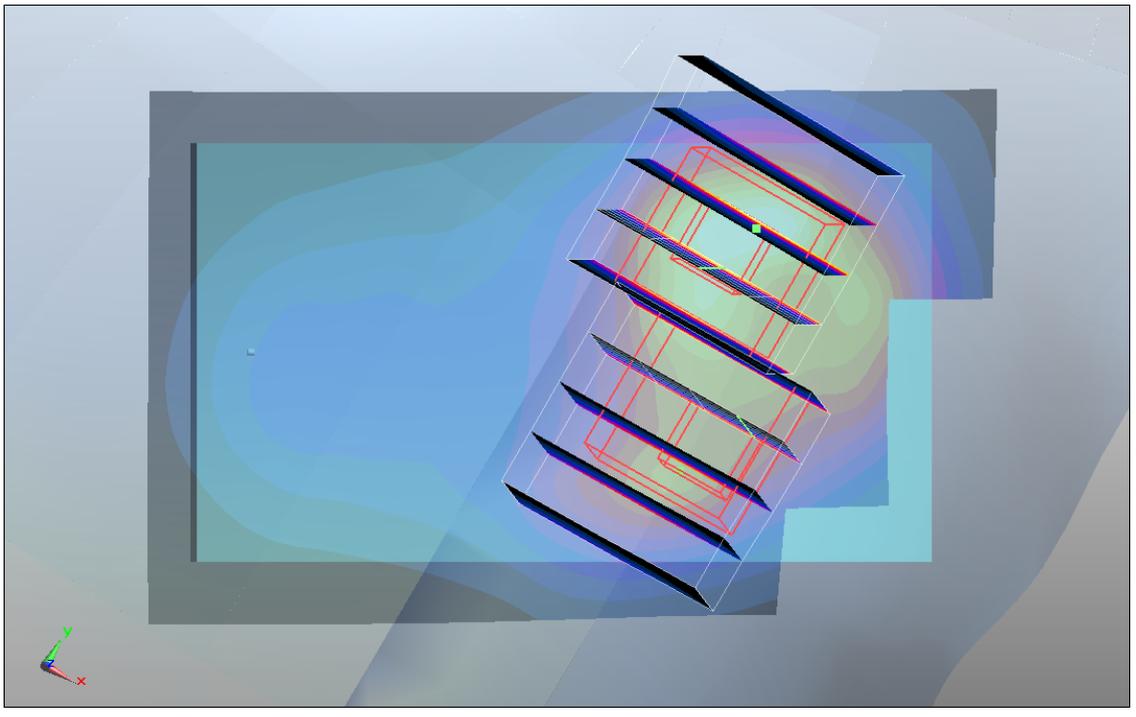
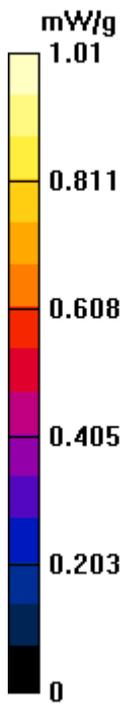
**Ch810/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.8 V/m; Power Drift = 0.029 dB

Peak SAR (extrapolated) = 1.22 W/kg

**SAR(1 g) = 0.700 mW/g; SAR(10 g) = 0.404 mW/g**

Maximum value of SAR (measured) = 0.728 mW/g



## #16 GSM1900\_Right Cheek\_Ch810\_2D

### DUT: 132121

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

Medium: HSL\_1900\_110402 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.42$  mho/m;  $\epsilon_r = 40.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 1.01 mW/g

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

Reference Value = 12.8 V/m; Power Drift = 0.029 dB

Peak SAR (extrapolated) = 1.71 W/kg

**SAR(1 g) = 0.992 mW/g; SAR(10 g) = 0.532 mW/g**

Maximum value of SAR (measured) = 1.08 mW/g

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

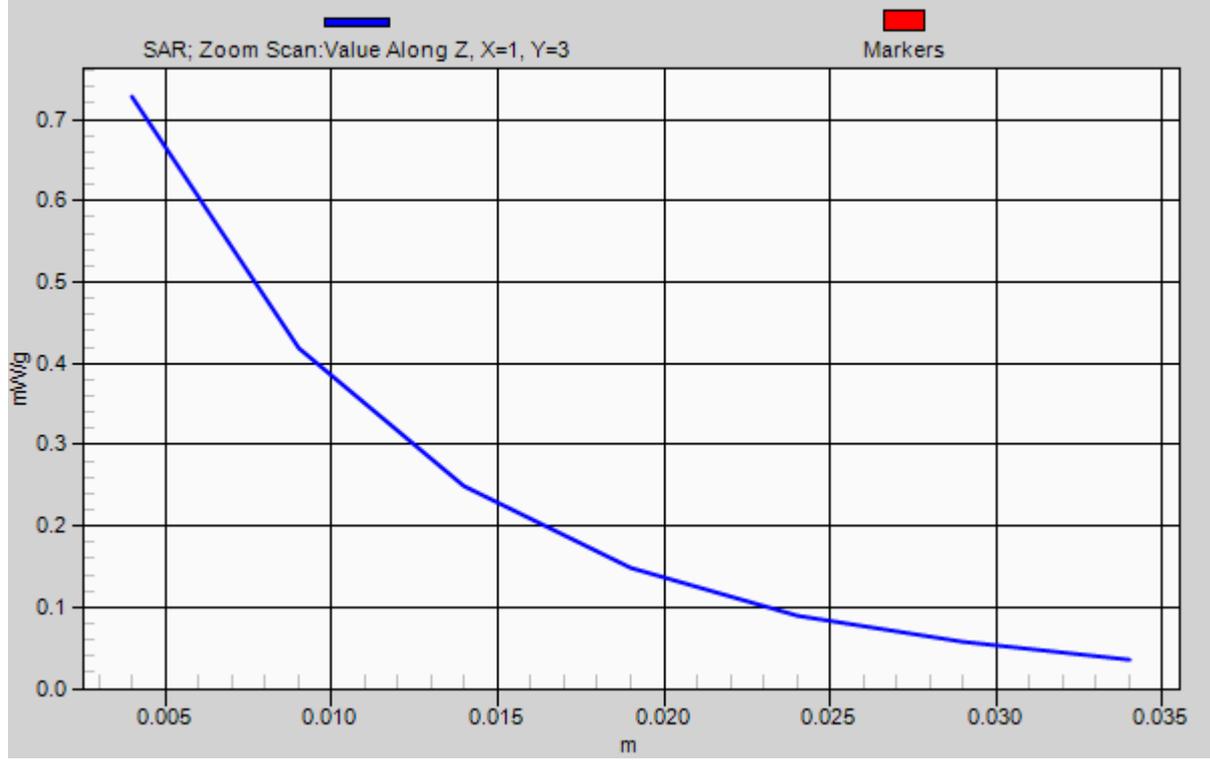
Reference Value = 12.8 V/m; Power Drift = 0.029 dB

Peak SAR (extrapolated) = 1.22 W/kg

**SAR(1 g) = 0.700 mW/g; SAR(10 g) = 0.404 mW/g**

Maximum value of SAR (measured) = 0.728 mW/g

# 1g/10g Averaged SAR



## #12 GSM1900\_Right Tilted\_Ch661

### DUT: 132121

Communication System: Generic GSM; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_110402 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.4$  mho/m;  $\epsilon_r = 40.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

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

**Ch661/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.446 mW/g

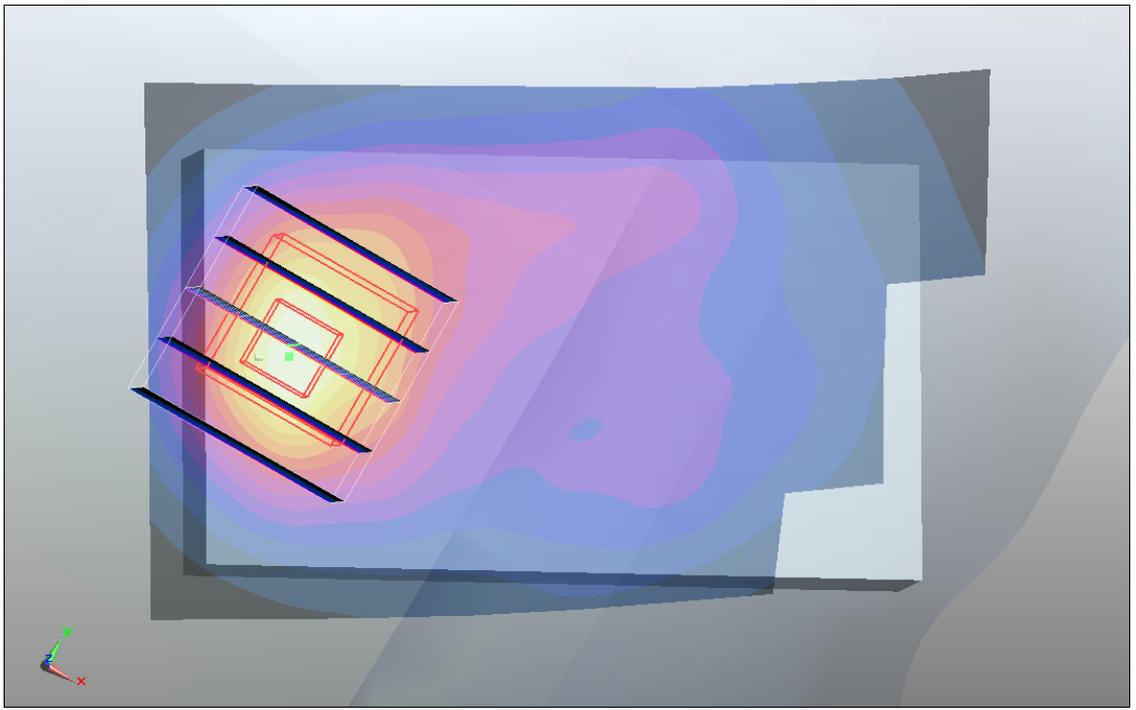
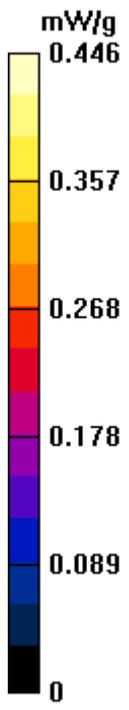
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.3 V/m; Power Drift = 0.032 dB

Peak SAR (extrapolated) = 0.625 W/kg

**SAR(1 g) = 0.386 mW/g; SAR(10 g) = 0.225 mW/g**

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



### #13 GSM1900\_Left Cheek\_Ch661

#### DUT: 132121

Communication System: Generic GSM; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_110402 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.4$  mho/m;  $\epsilon_r = 40.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

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

**Ch661/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.02 mW/g

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

Reference Value = 12.1 V/m; Power Drift = -0.085 dB

Peak SAR (extrapolated) = 1.76 W/kg

**SAR(1 g) = 0.987 mW/g; SAR(10 g) = 0.526 mW/g**

Maximum value of SAR (measured) = 1.08 mW/g

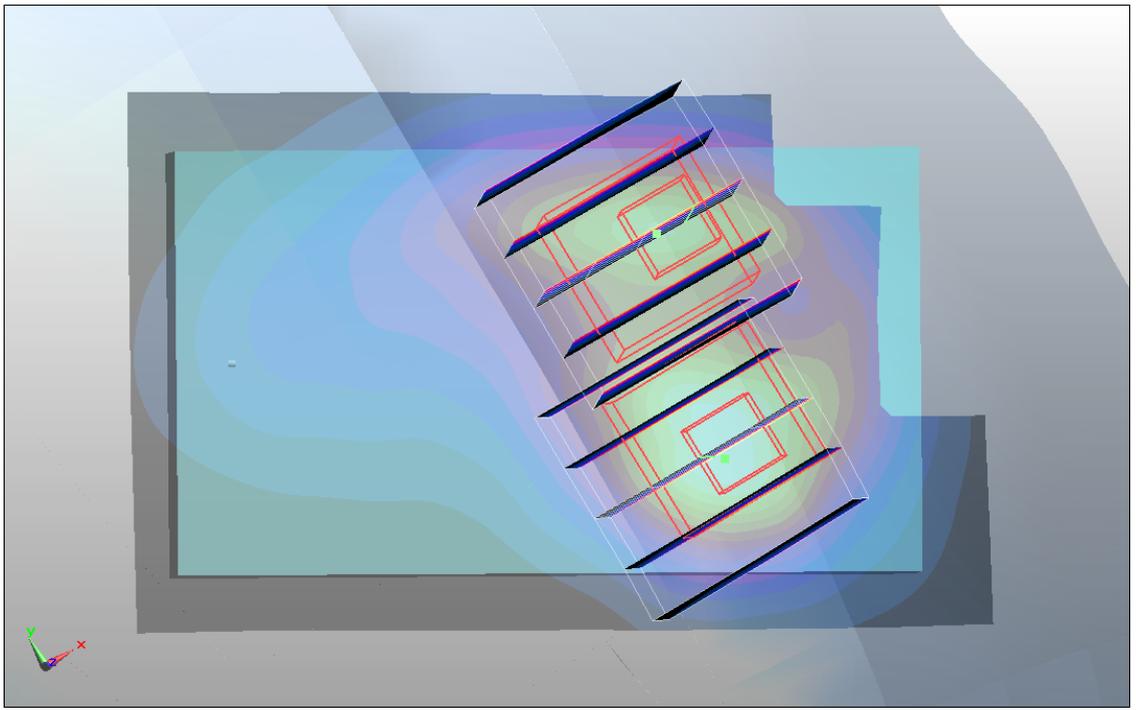
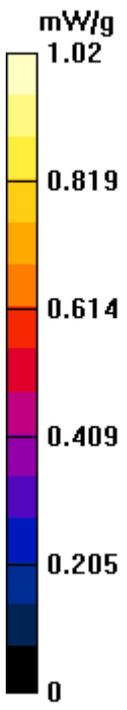
**Ch661/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.1 V/m; Power Drift = -0.085 dB

Peak SAR (extrapolated) = 1.31 W/kg

**SAR(1 g) = 0.785 mW/g; SAR(10 g) = 0.457 mW/g**

Maximum value of SAR (measured) = 0.848 mW/g



## #17 GSM1900\_Left Cheek\_Ch512

### DUT: 132121

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

Medium: HSL\_1900\_110402 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.37$  mho/m;  $\epsilon_r = 40.7$ ;

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

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

#### DASY5 Configuration:

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

**Ch512/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.971 mW/g

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

Reference Value = 11.2 V/m; Power Drift = -0.019 dB

Peak SAR (extrapolated) = 1.62 W/kg

**SAR(1 g) = 0.919 mW/g; SAR(10 g) = 0.487 mW/g**

Maximum value of SAR (measured) = 1.02 mW/g

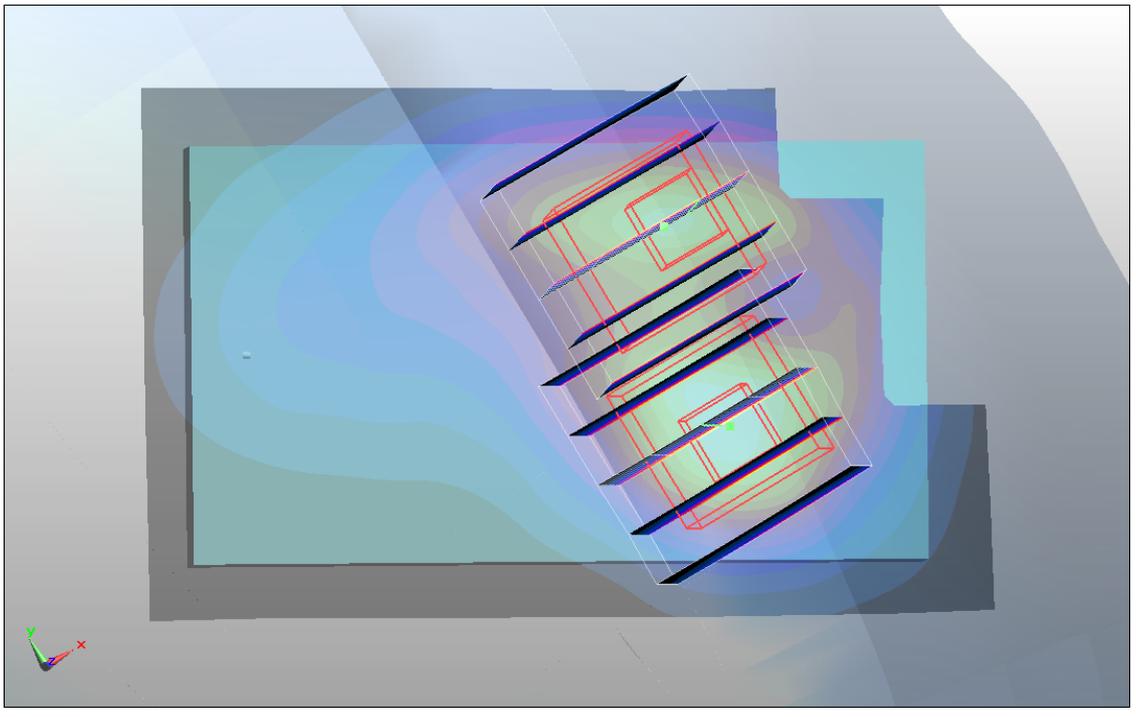
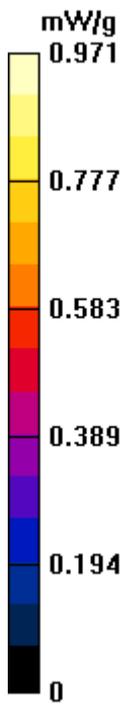
**Ch512/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.2 V/m; Power Drift = -0.019 dB

Peak SAR (extrapolated) = 1.28 W/kg

**SAR(1 g) = 0.764 mW/g; SAR(10 g) = 0.446 mW/g**

Maximum value of SAR (measured) = 0.827 mW/g



## #18 GSM1900\_Left Cheek\_Ch810

### DUT: 132121

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

Medium: HSL\_1900\_110402 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.42$  mho/m;  $\epsilon_r = 40.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 1.04 mW/g

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

Reference Value = 12.2 V/m; Power Drift = 0.019 dB

Peak SAR (extrapolated) = 1.73 W/kg

**SAR(1 g) = 0.974 mW/g; SAR(10 g) = 0.514 mW/g**

Maximum value of SAR (measured) = 1.09 mW/g

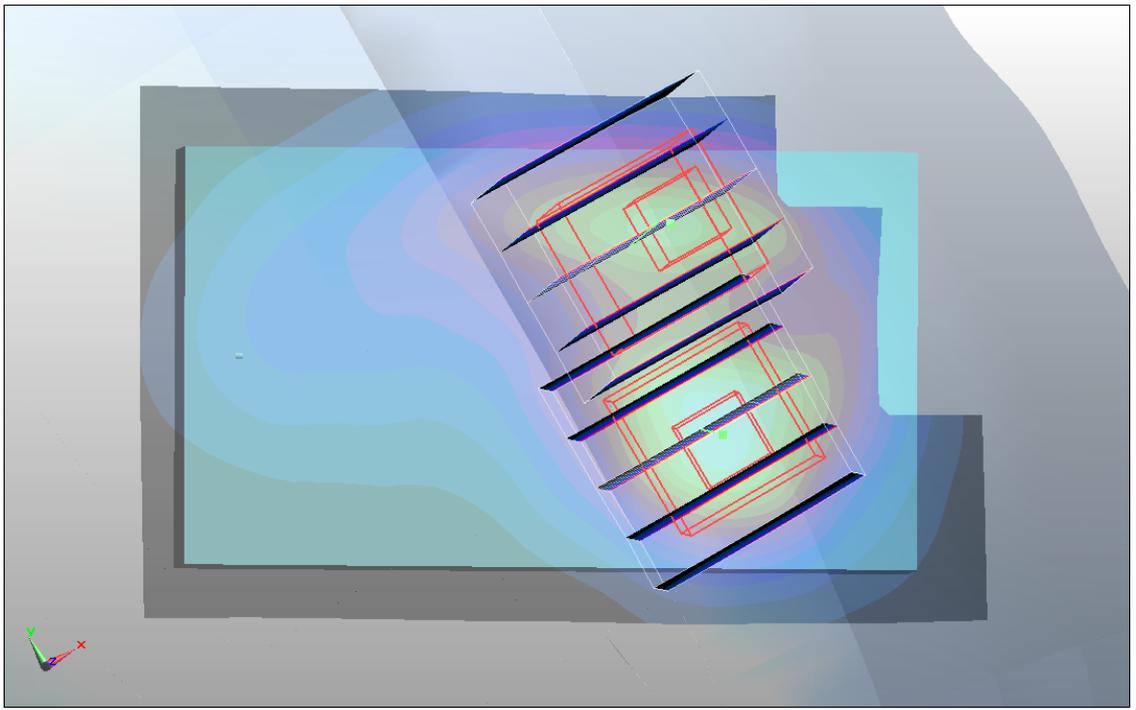
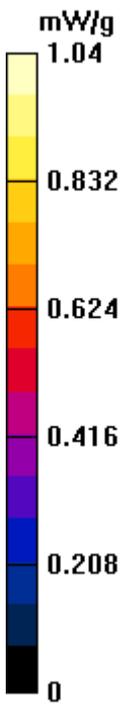
**Ch810/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.2 V/m; Power Drift = 0.019 dB

Peak SAR (extrapolated) = 1.33 W/kg

**SAR(1 g) = 0.777 mW/g; SAR(10 g) = 0.446 mW/g**

Maximum value of SAR (measured) = 0.854 mW/g



## #14 GSM1900\_Left Tilted\_Ch661

### DUT: 132121

Communication System: Generic GSM; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_110402 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.4$  mho/m;  $\epsilon_r = 40.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

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

**Ch661/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.375 mW/g

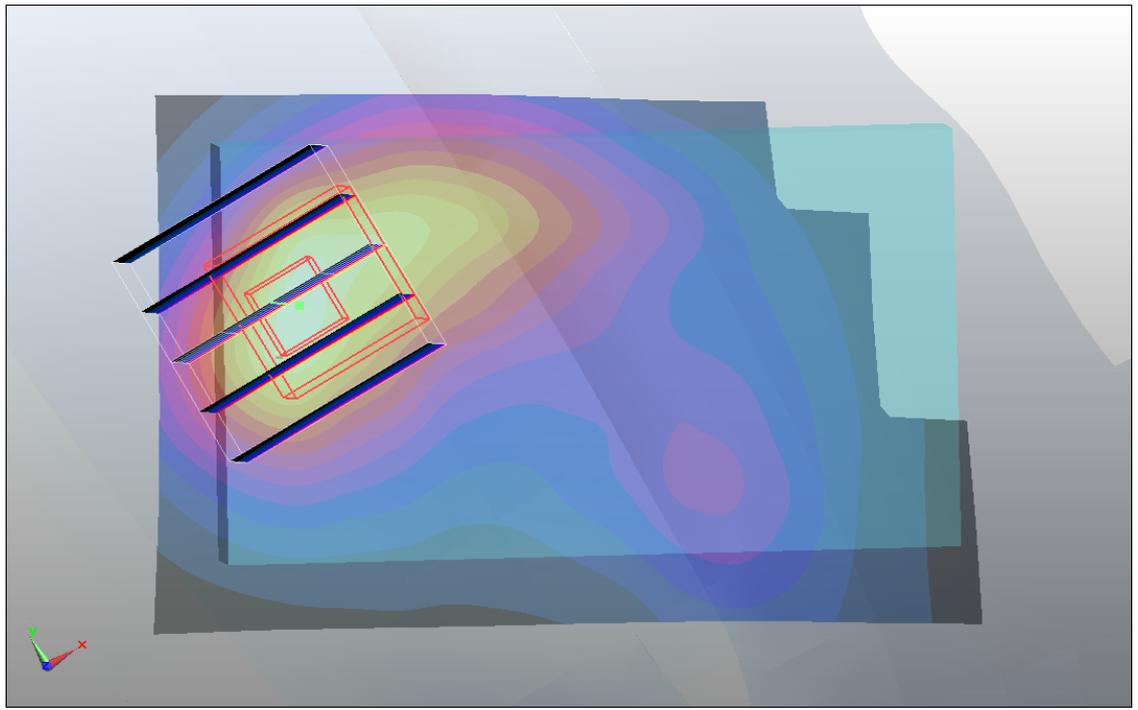
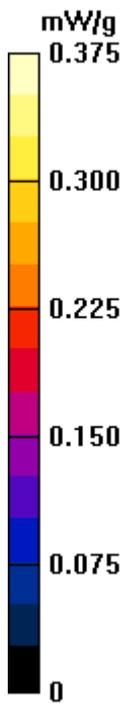
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.4 V/m; Power Drift = 0.016 dB

Peak SAR (extrapolated) = 0.503 W/kg

**SAR(1 g) = 0.317 mW/g; SAR(10 g) = 0.193 mW/g**

Maximum value of SAR (measured) = 0.346 mW/g



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

**DUT: 132121**

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

Medium: HSL\_835\_110401 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.903$  mho/m;  $\epsilon_r = 41.6$ ;

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

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

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

**Ch4182/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.842 mW/g

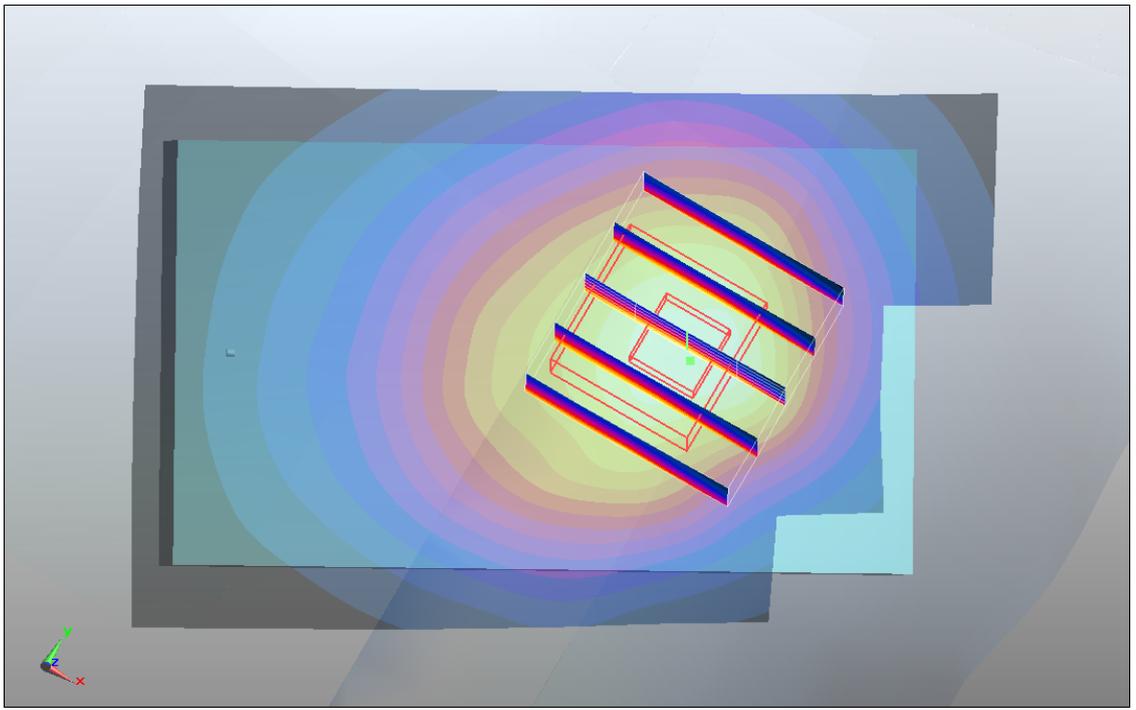
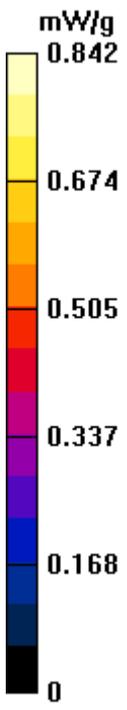
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.8 V/m; Power Drift = 0.074 dB

Peak SAR (extrapolated) = 0.993 W/kg

**SAR(1 g) = 0.766 mW/g; SAR(10 g) = 0.561 mW/g**

Maximum value of SAR (measured) = 0.813 mW/g



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

**DUT: 132121**

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

Medium: HSL\_835\_110401 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.903$  mho/m;  $\epsilon_r = 41.6$ ;

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

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

**DASY5 Configuration:**

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

**Ch4182/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.487 mW/g

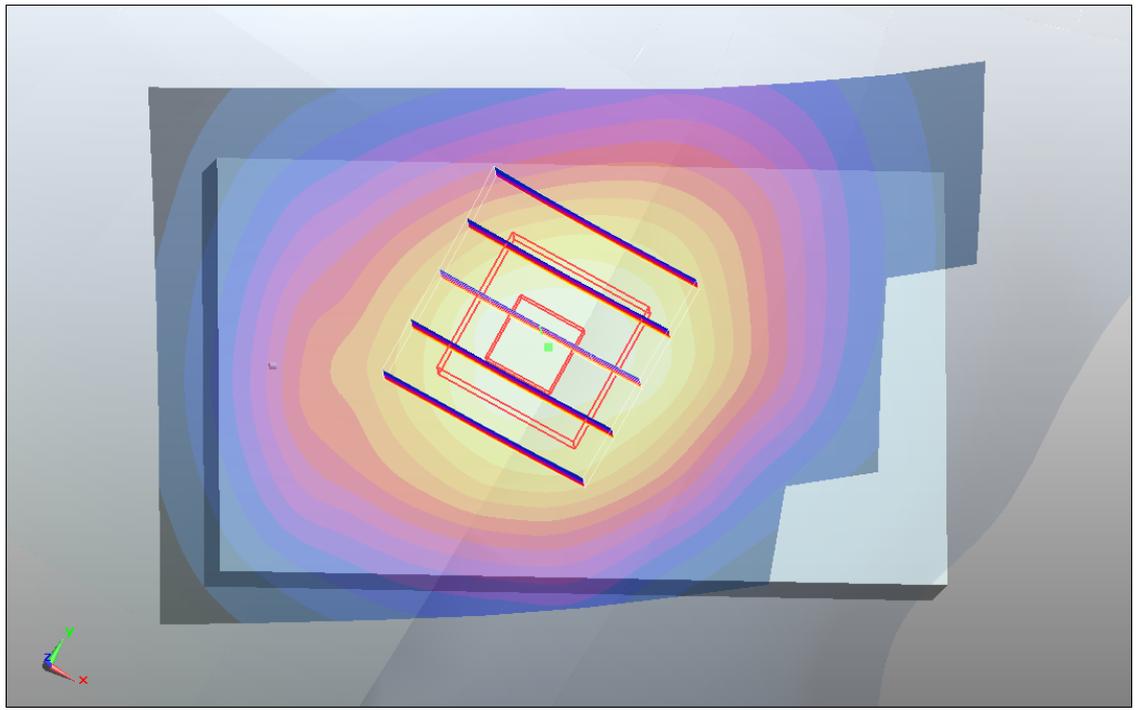
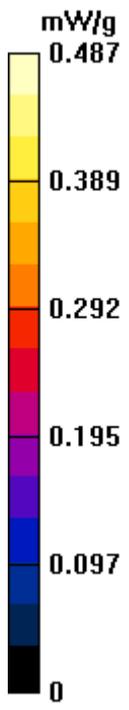
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.2 V/m; Power Drift = 0.058 dB

Peak SAR (extrapolated) = 0.602 W/kg

**SAR(1 g) = 0.471 mW/g; SAR(10 g) = 0.349 mW/g**

Maximum value of SAR (measured) = 0.496 mW/g



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

**DUT: 132121**

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

Medium: HSL\_835\_110401 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.903$  mho/m;  $\epsilon_r = 41.6$ ;

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

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

**DASY5 Configuration:**

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

**Ch4182/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.907 mW/g

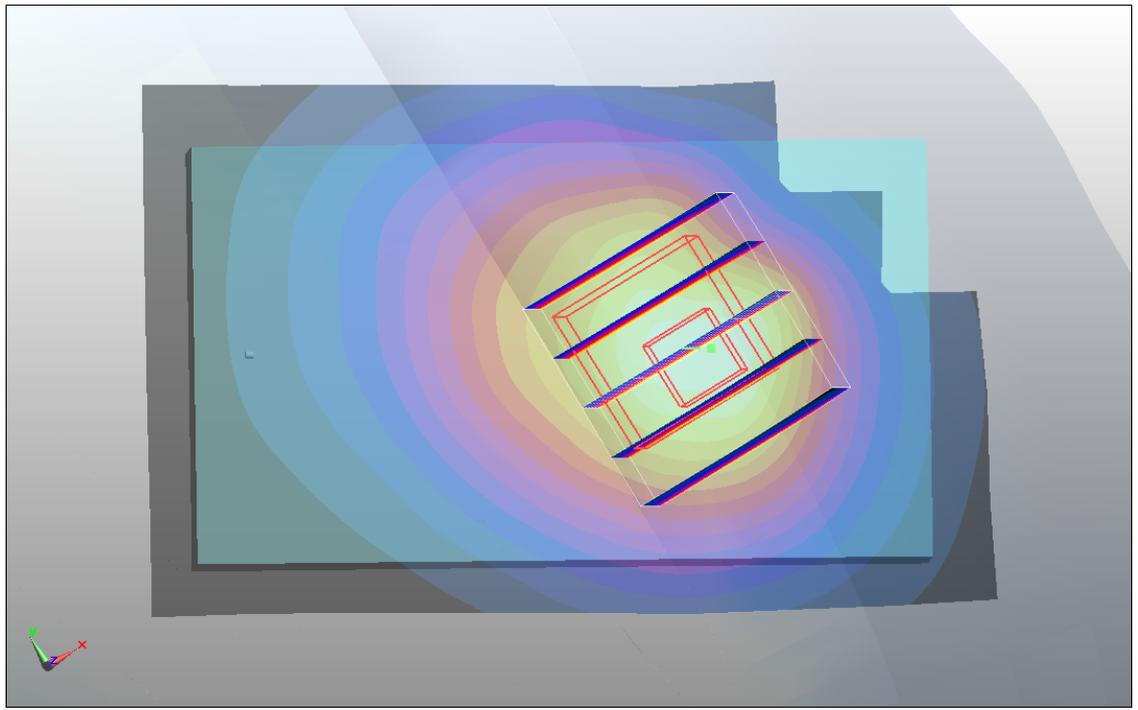
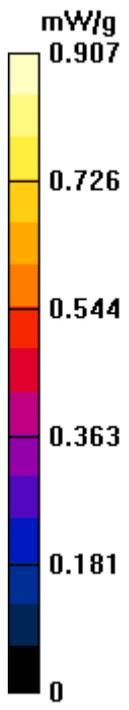
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.2 V/m; Power Drift = -0.103 dB

Peak SAR (extrapolated) = 1.1 W/kg

**SAR(1 g) = 0.802 mW/g; SAR(10 g) = 0.575 mW/g**

Maximum value of SAR (measured) = 0.843 mW/g



**#09 WCDMA V\_RMC 12.2K\_Left Cheek\_Ch4132**

**DUT: 132121**

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

Medium: HSL\_835\_110401 Medium parameters used:  $f = 826.4$  MHz;  $\sigma = 0.892$  mho/m;  $\epsilon_r = 41.7$ ;

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

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

**DASY5 Configuration:**

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

**Ch4132/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.900 mW/g

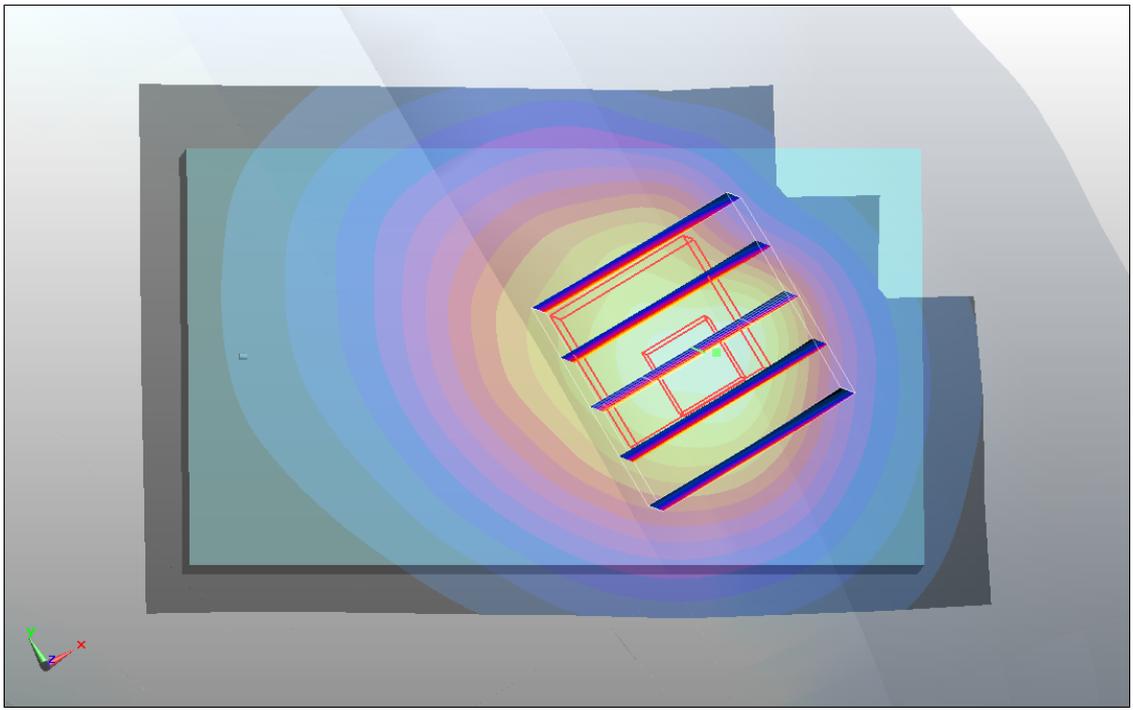
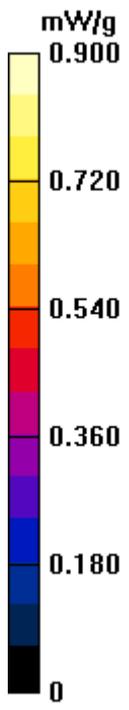
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.2 V/m; Power Drift = -0.096 dB

Peak SAR (extrapolated) = 1.08 W/kg

**SAR(1 g) = 0.786 mW/g; SAR(10 g) = 0.568 mW/g**

Maximum value of SAR (measured) = 0.825 mW/g



**#10 WCDMA V\_RMC 12.2K\_Left Cheek\_Ch4233**

**DUT: 132121**

Communication System: UMTS; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL\_835\_110401 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.914$  mho/m;  $\epsilon_r = 41.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

**DASY5 Configuration:**

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

**Ch4233/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.930 mW/g

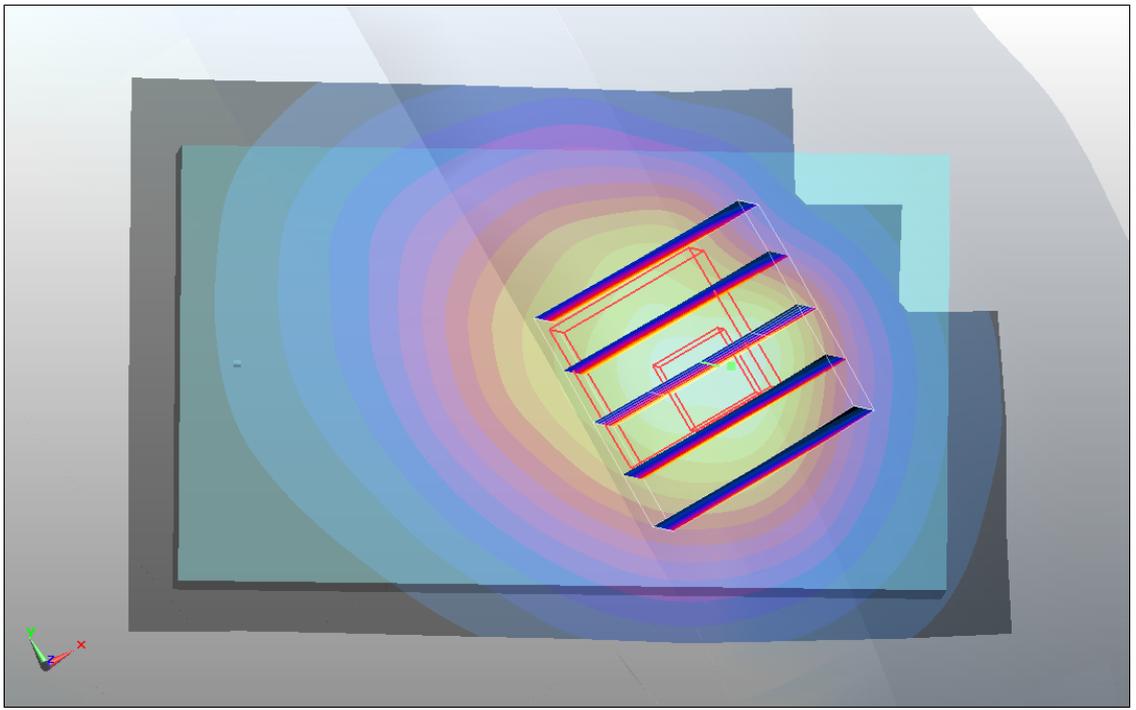
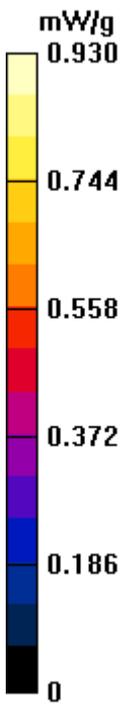
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.2 V/m; Power Drift = 0.026 dB

Peak SAR (extrapolated) = 1.14 W/kg

**SAR(1 g) = 0.832 mW/g; SAR(10 g) = 0.597 mW/g**

Maximum value of SAR (measured) = 0.877 mW/g



**#10 WCDMA V\_RMC 12.2K\_Left Cheek\_Ch4233\_2D**

**DUT: 132121**

Communication System: UMTS; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL\_835\_110401 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.914$  mho/m;  $\epsilon_r = 41.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 21.4 °C

DASY5 Configuration:

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

**Ch4233/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.930 mW/g

**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

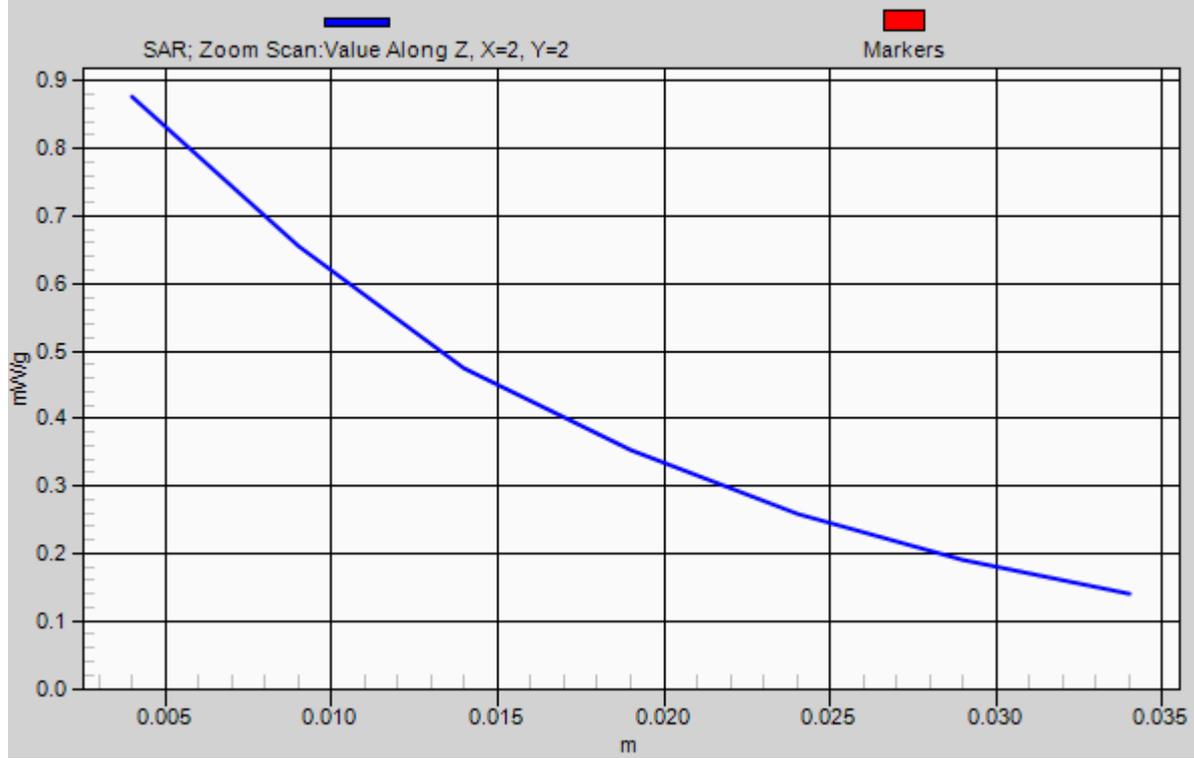
Reference Value = 10.2 V/m; Power Drift = 0.026 dB

Peak SAR (extrapolated) = 1.14 W/kg

**SAR(1 g) = 0.832 mW/g; SAR(10 g) = 0.597 mW/g**

Maximum value of SAR (measured) = 0.877 mW/g

# 1g/10g Averaged SAR



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

**DUT: 132121**

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

Medium: HSL\_835\_110401 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.903$  mho/m;  $\epsilon_r = 41.6$ ;

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

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.4 °C

**DASY5 Configuration:**

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

**Ch4182/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.458 mW/g

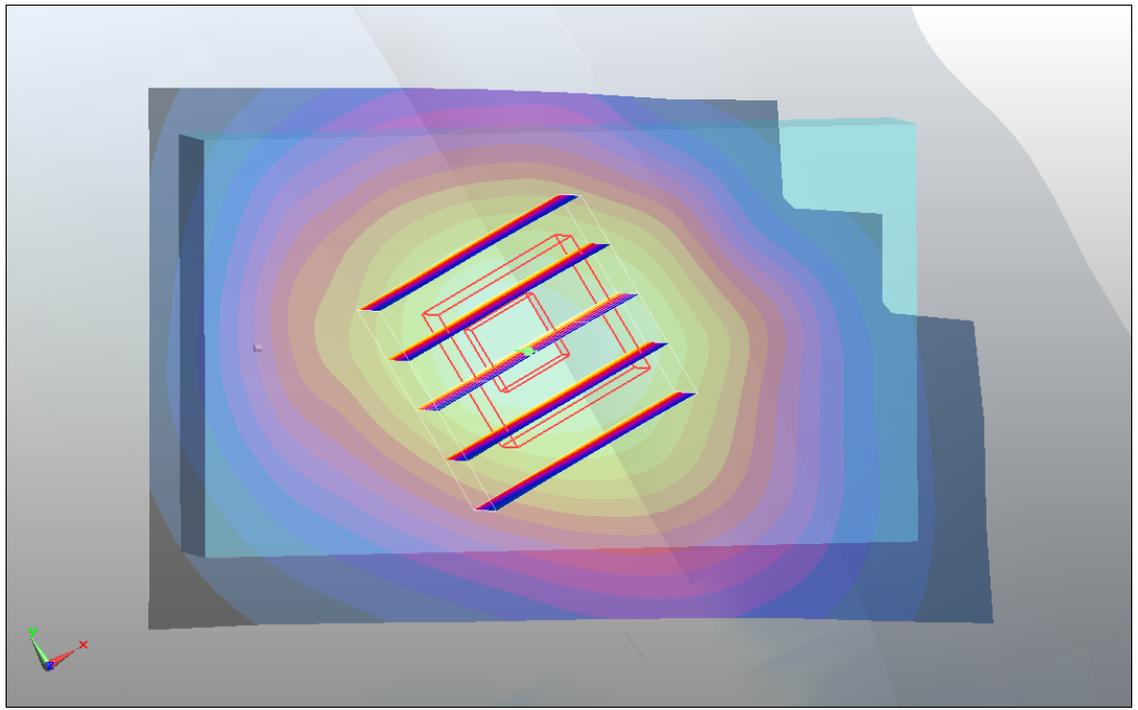
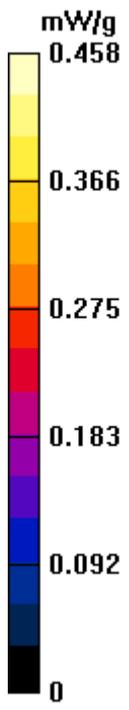
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.9 V/m; Power Drift = -0.059 dB

Peak SAR (extrapolated) = 0.570 W/kg

**SAR(1 g) = 0.446 mW/g; SAR(10 g) = 0.332 mW/g**

Maximum value of SAR (measured) = 0.469 mW/g



## #19 GSM850\_GPRS10\_Bottom\_1.5cm\_Ch251

### DUT: 132121

Communication System: GPRS/EDGE 10; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL\_835\_110412 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.988$  mho/m;  $\epsilon_r = 54.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.2 °C

#### DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 0.573 mW/g

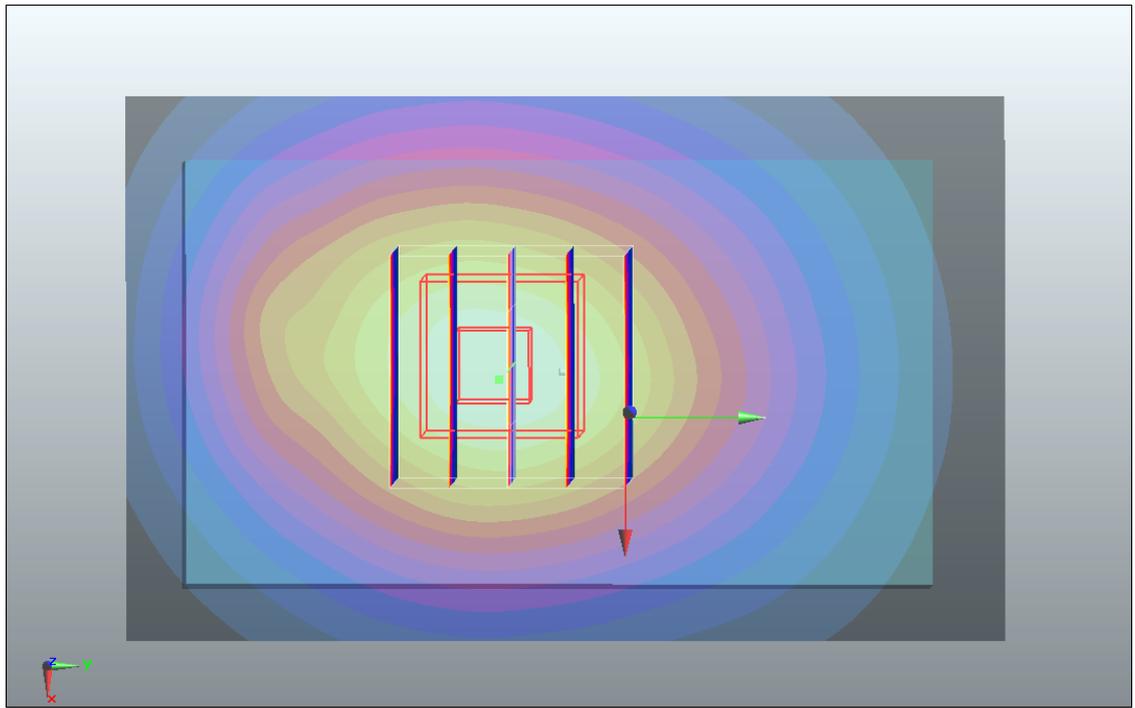
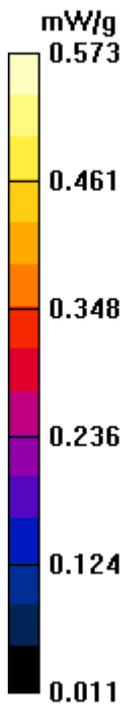
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.6 V/m; Power Drift = -0.088 dB

Peak SAR (extrapolated) = 0.715 W/kg

**SAR(1 g) = 0.537 mW/g; SAR(10 g) = 0.383 mW/g**

Maximum value of SAR (measured) = 0.569 mW/g



**#19 GSM850\_GPRS10\_Bottom\_1.5cm\_Ch251\_2D**

**DUT: 132121**

Communication System: GPRS/EDGE 10; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL\_835\_110412 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.988$  mho/m;  $\epsilon_r = 54.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.2 °C

**DASY5 Configuration:**

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

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

Maximum value of SAR (interpolated) = 0.573 mW/g

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

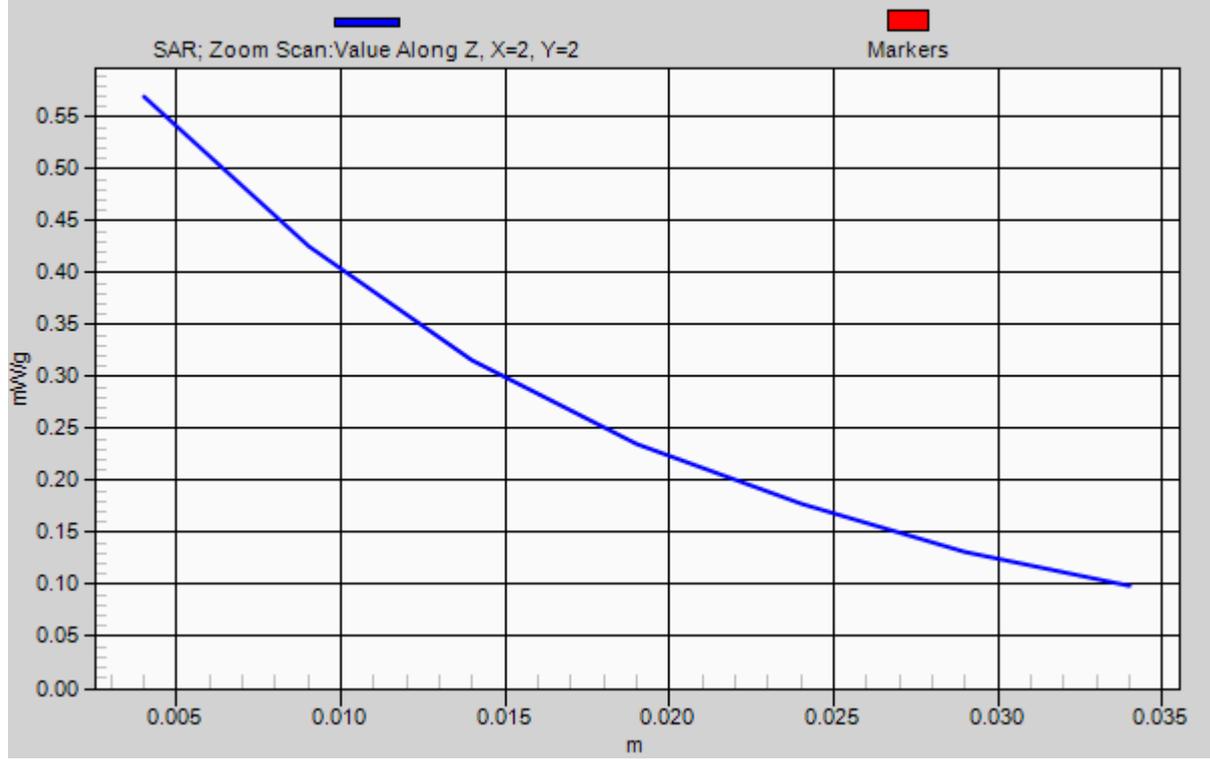
Reference Value = 23.6 V/m; Power Drift = -0.088 dB

Peak SAR (extrapolated) = 0.715 W/kg

**SAR(1 g) = 0.537 mW/g; SAR(10 g) = 0.383 mW/g**

Maximum value of SAR (measured) = 0.569 mW/g

# 1g/10g Averaged SAR



## #20 GSM850\_GPRS10\_Face\_1.5cm\_Ch251

### DUT: 132121

Communication System: GPRS/EDGE 10; Frequency: 848.8 MHz; Duty Cycle: 1:4

Medium: MSL\_835\_110412 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.988$  mho/m;  $\epsilon_r = 54.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.2 °C

#### DASY5 Configuration:

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

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

Maximum value of SAR (interpolated) = 0.445 mW/g

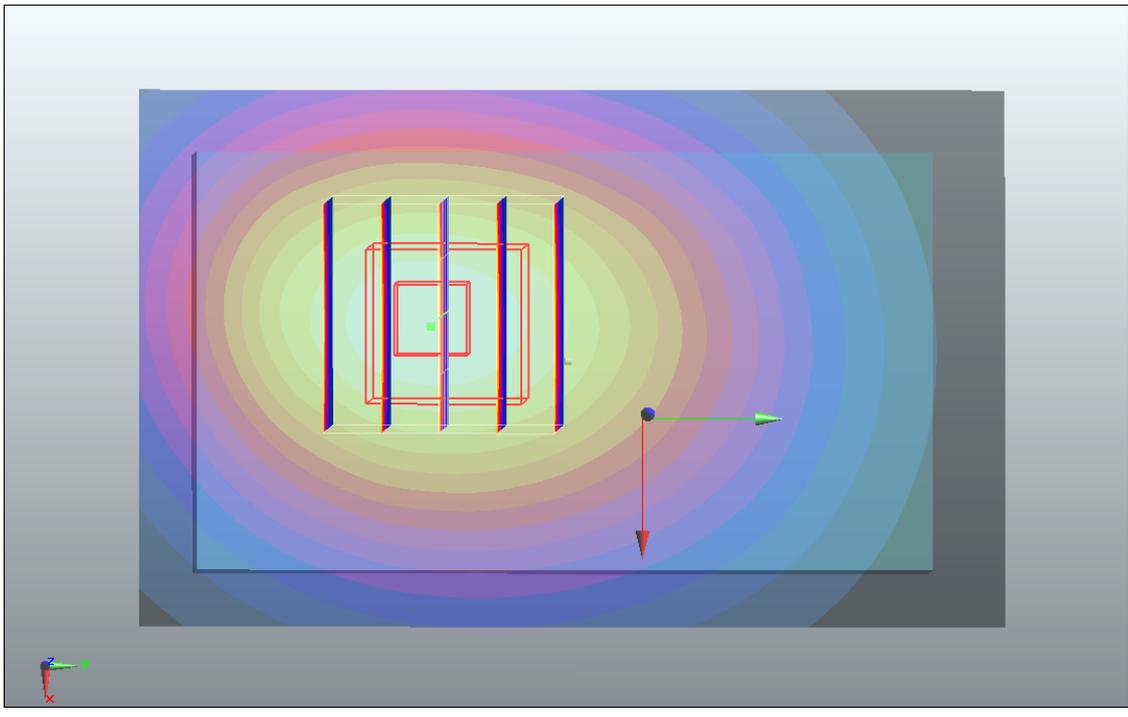
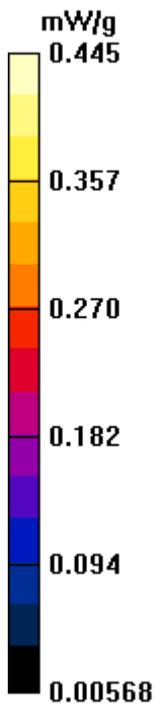
**Ch251/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.8 V/m; Power Drift = 0.020 dB

Peak SAR (extrapolated) = 0.558 W/kg

**SAR(1 g) = 0.423 mW/g; SAR(10 g) = 0.308 mW/g**

Maximum value of SAR (measured) = 0.450 mW/g



## #21 GSM1900\_GSM\_Bottom\_1.5cm\_Ch661

### DUT: 132121

Communication System: Generic GSM; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: MSL\_1900\_110412 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 54.6$ ;

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

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.3 °C

#### DASY5 Configuration:

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

**Ch661/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

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

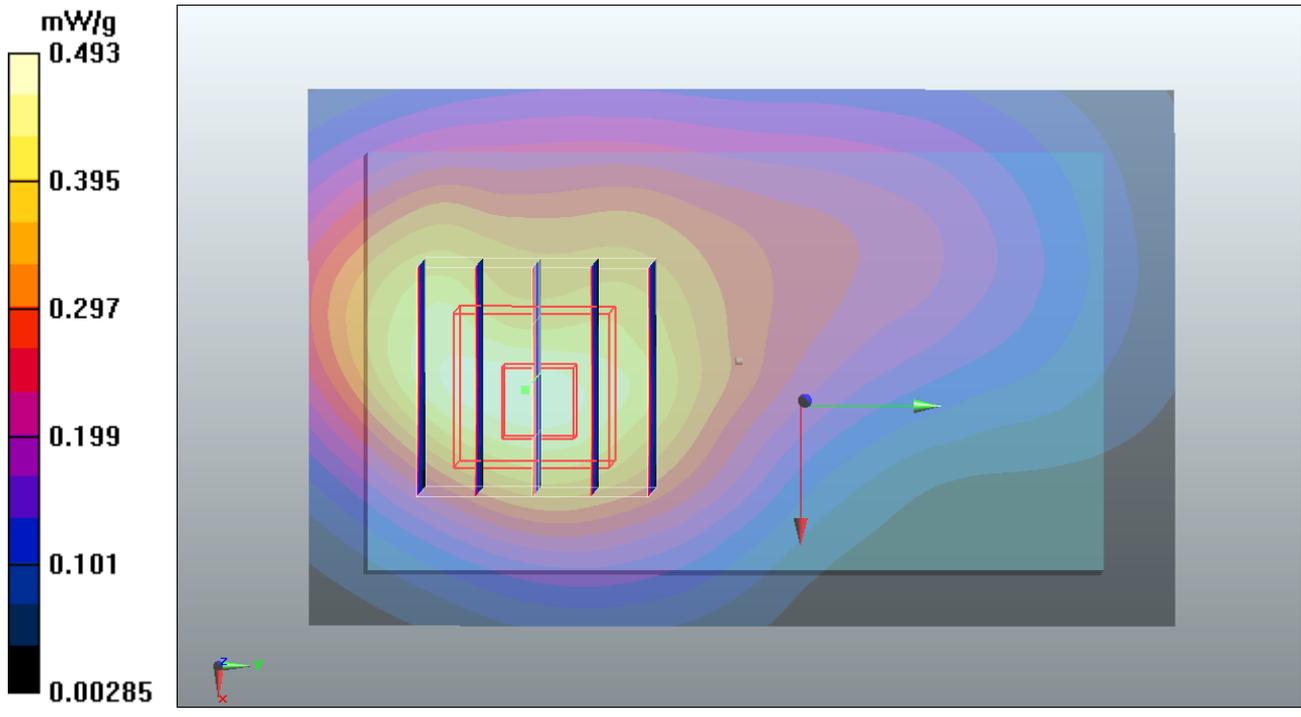
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14 V/m; Power Drift = 0.035 dB

Peak SAR (extrapolated) = 0.667 W/kg

**SAR(1 g) = 0.448 mW/g; SAR(10 g) = 0.285 mW/g**

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



**#21 GSM1900\_GSM\_Bottom\_1.5cm\_Ch661\_2D**

**DUT: 132121**

Communication System: Generic GSM; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: MSL\_1900\_110412 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 54.6$ ;

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

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.3 °C

**DASY5 Configuration:**

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

**Ch661/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

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

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

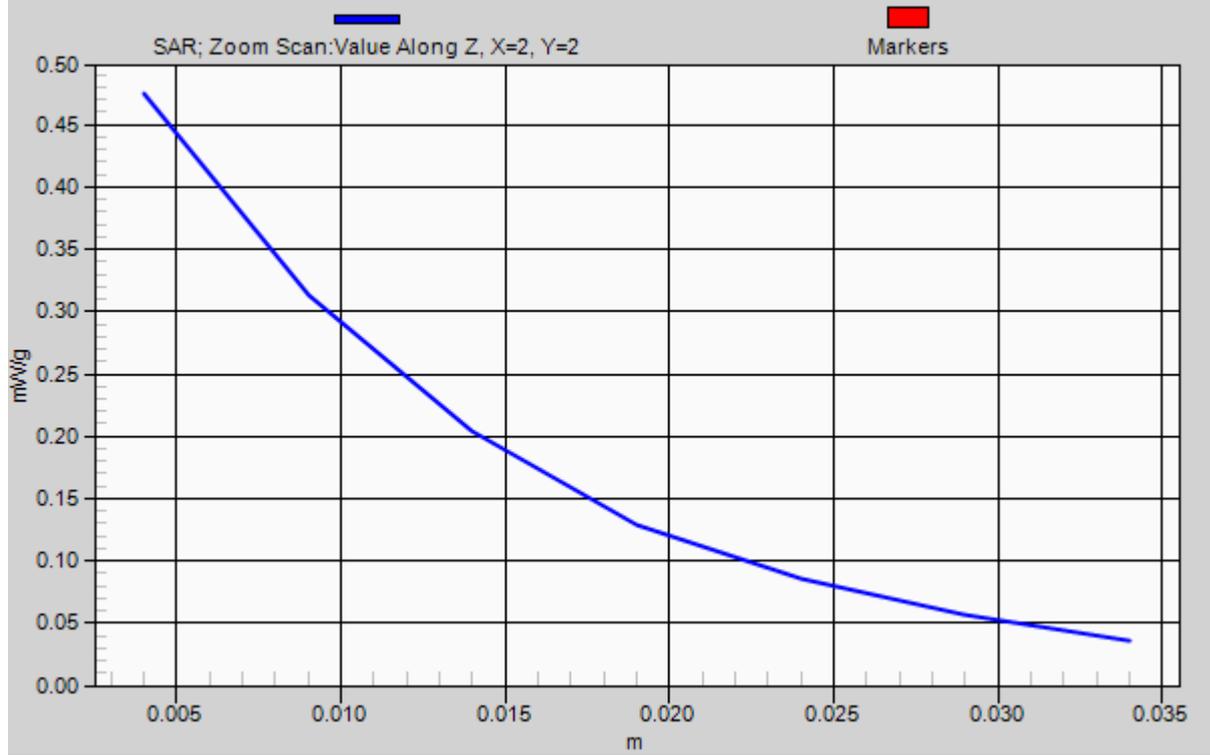
Reference Value = 14 V/m; Power Drift = 0.035 dB

Peak SAR (extrapolated) = 0.667 W/kg

**SAR(1 g) = 0.448 mW/g; SAR(10 g) = 0.285 mW/g**

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

# 1g/10g Averaged SAR



**#22 GSM1900\_GSM\_Face\_1.5cm\_Ch661**

**DUT: 132121G**

Communication System: Generic GSM; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: MSL\_1900\_110412 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 54.6$ ;

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

Ambient Temperature : 23.4 °C ; Liquid Temperature : 21.3 °C

**DASY5 Configuration:**

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

**Ch661/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.357 mW/g

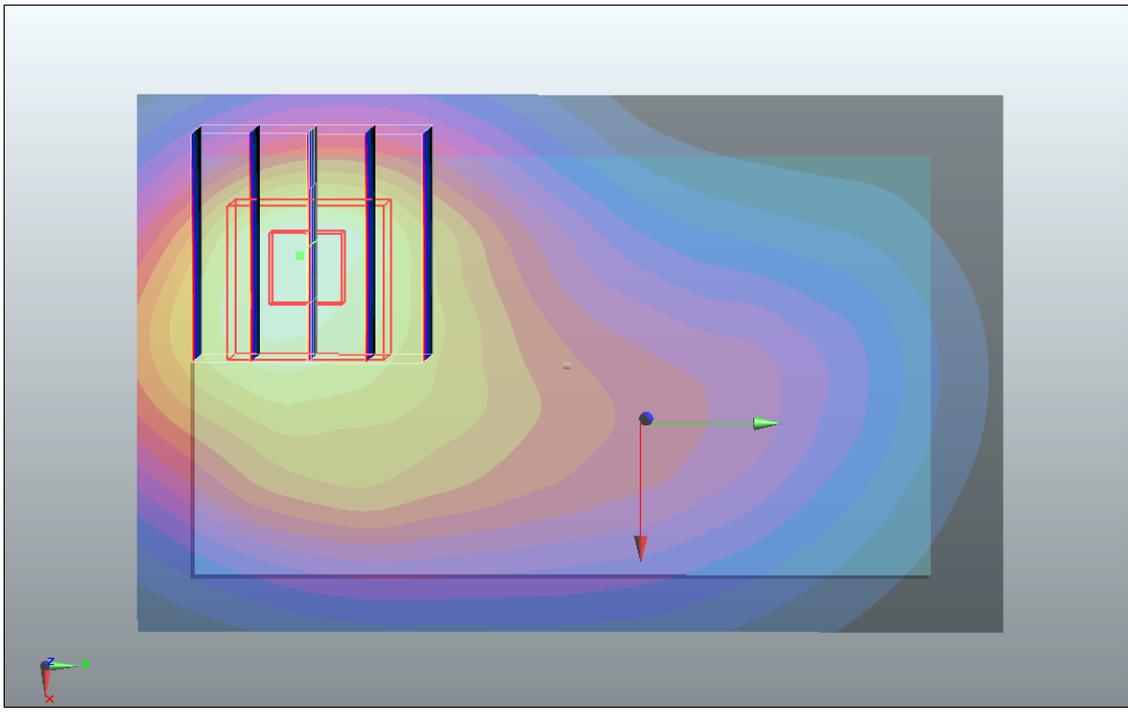
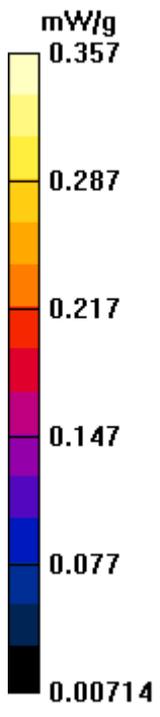
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.7 V/m; Power Drift = -0.00968 dB

Peak SAR (extrapolated) = 0.501 W/kg

**SAR(1 g) = 0.330 mW/g; SAR(10 g) = 0.209 mW/g**

Maximum value of SAR (measured) = 0.356 mW/g



**#23 WCDMA V\_RMC 12.2K\_Bottom\_1.5cm\_Ch4182**

**DUT: 132121**

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

Medium: MSL\_835\_110412 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.977$  mho/m;  $\epsilon_r = 54.3$ ;

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

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

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

**Ch4182/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.835 mW/g

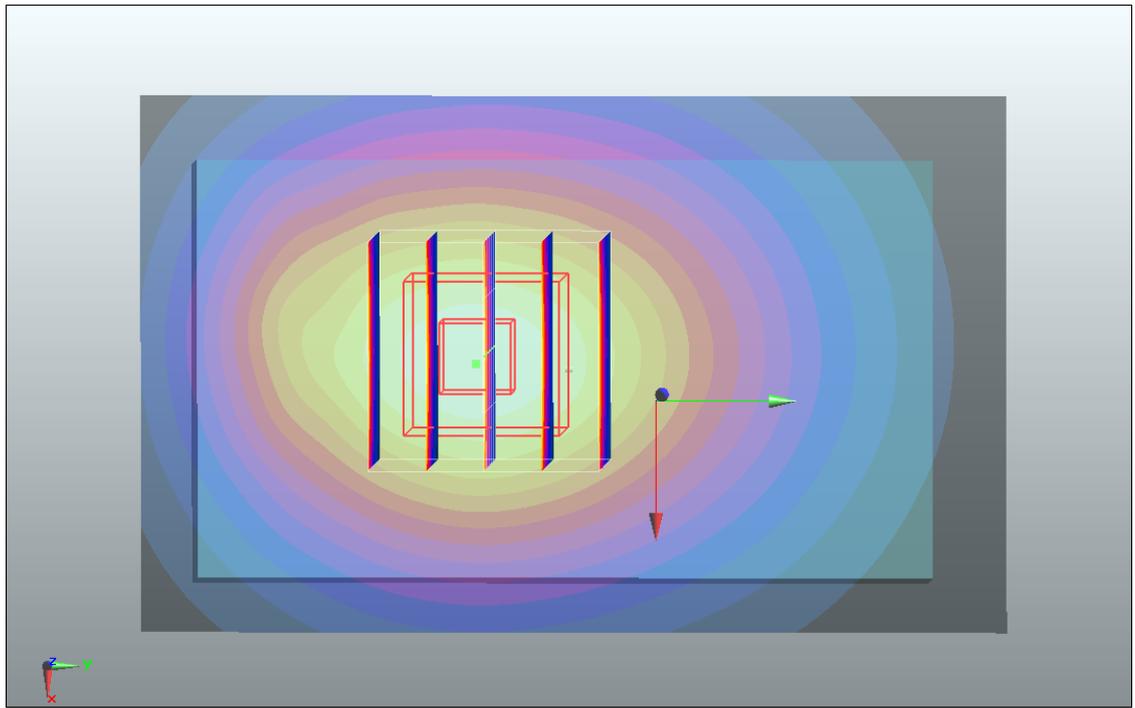
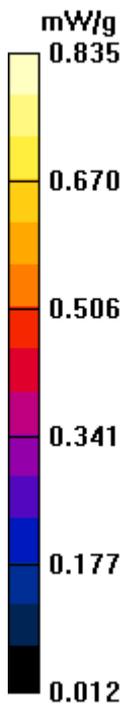
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28 V/m; Power Drift = -0.000456 dB

Peak SAR (extrapolated) = 1.03 W/kg

**SAR(1 g) = 0.780 mW/g; SAR(10 g) = 0.558 mW/g**

Maximum value of SAR (measured) = 0.833 mW/g



**#23 WCDMA V\_RMC 12.2K\_Bottom\_1.5cm\_Ch4182\_2D**

**DUT: 132121**

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

Medium: MSL\_835\_110412 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.977$  mho/m;  $\epsilon_r = 54.3$ ;

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

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(5.79, 5.79, 5.79); Calibrated: 2010-6-22

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1210; Calibrated: 2010-11-18

- Phantom: SAM1; Type: SAM; Serial: TP-1479

- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch4182/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.835 mW/g

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

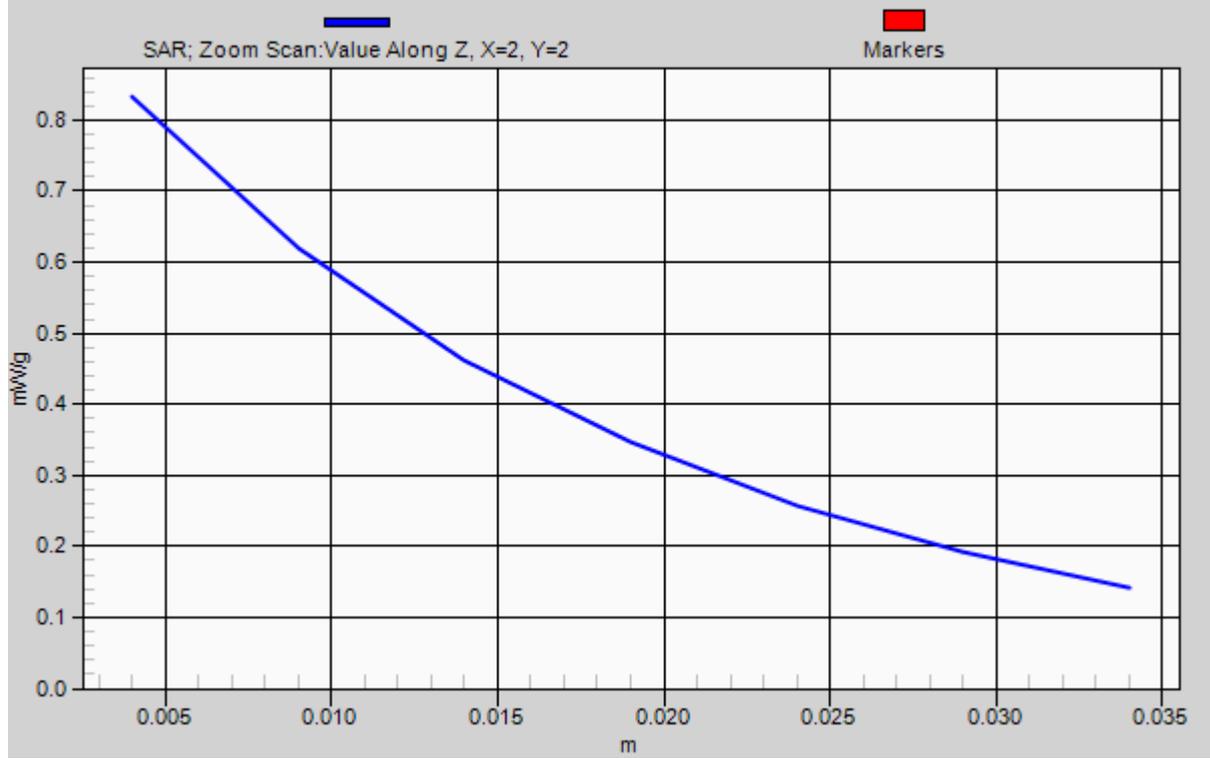
Reference Value = 28 V/m; Power Drift = -0.000456 dB

Peak SAR (extrapolated) = 1.03 W/kg

**SAR(1 g) = 0.780 mW/g; SAR(10 g) = 0.558 mW/g**

Maximum value of SAR (measured) = 0.833 mW/g

# 1g/10g Averaged SAR



**#24 WCDMA V\_RMC 12.2K\_Face\_1.5cm\_Ch4182**

**DUT: 132121**

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

Medium: MSL\_835\_110412 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.977$  mho/m;  $\epsilon_r = 54.3$ ;

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

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

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

**Ch4182/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.535 mW/g

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

Reference Value = 21.5 V/m; Power Drift = 0.0066 dB

Peak SAR (extrapolated) = 0.663 W/kg

**SAR(1 g) = 0.505 mW/g; SAR(10 g) = 0.368 mW/g**

Maximum value of SAR (measured) = 0.530 mW/g

