



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

The plots are shown as follows.

**#01 CDMA2000 BC0\_RC3 SO55\_Right Cheek\_Ch777**

**DUT: 270201-03**

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: HSL\_835\_121218 Medium parameters used:  $f = 848.31$  MHz;  $\sigma = 0.905$  mho/m;  $\epsilon_r =$

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

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

**Ch777/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.421 mW/g

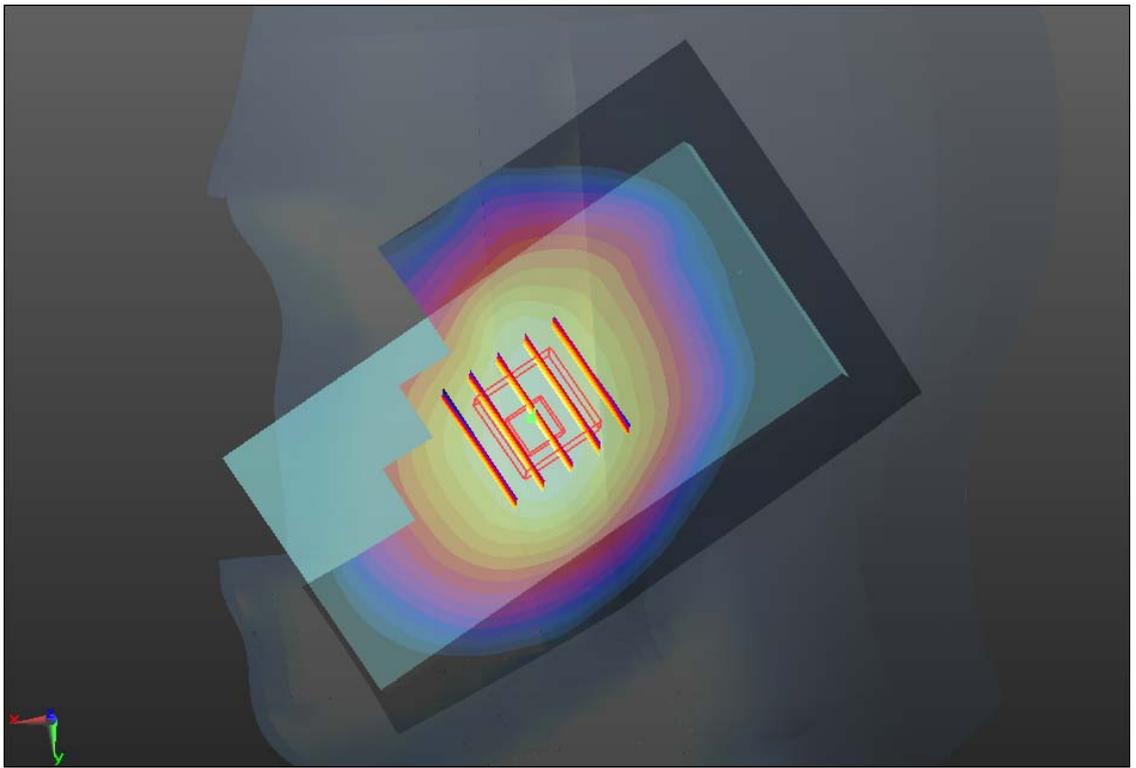
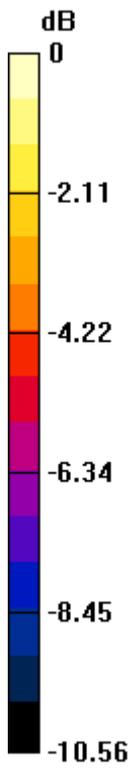
**Ch777/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.221 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.447 W/kg

**SAR(1 g) = 0.362 mW/g; SAR(10 g) = 0.272 mW/g**

Maximum value of SAR (measured) = 0.410 mW/g



0 dB = 0.410mW/g

**#01 CDMA2000 BC0\_RC3 SO55\_Right Cheek\_Ch777\_2D**

**DUT: 270201-03**

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: HSL\_835\_121218 Medium parameters used:  $f = 848.31$  MHz;  $\sigma = 0.905$  mho/m;  $\epsilon_r =$

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

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

**Ch777/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.421 mW/g

**Ch777/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

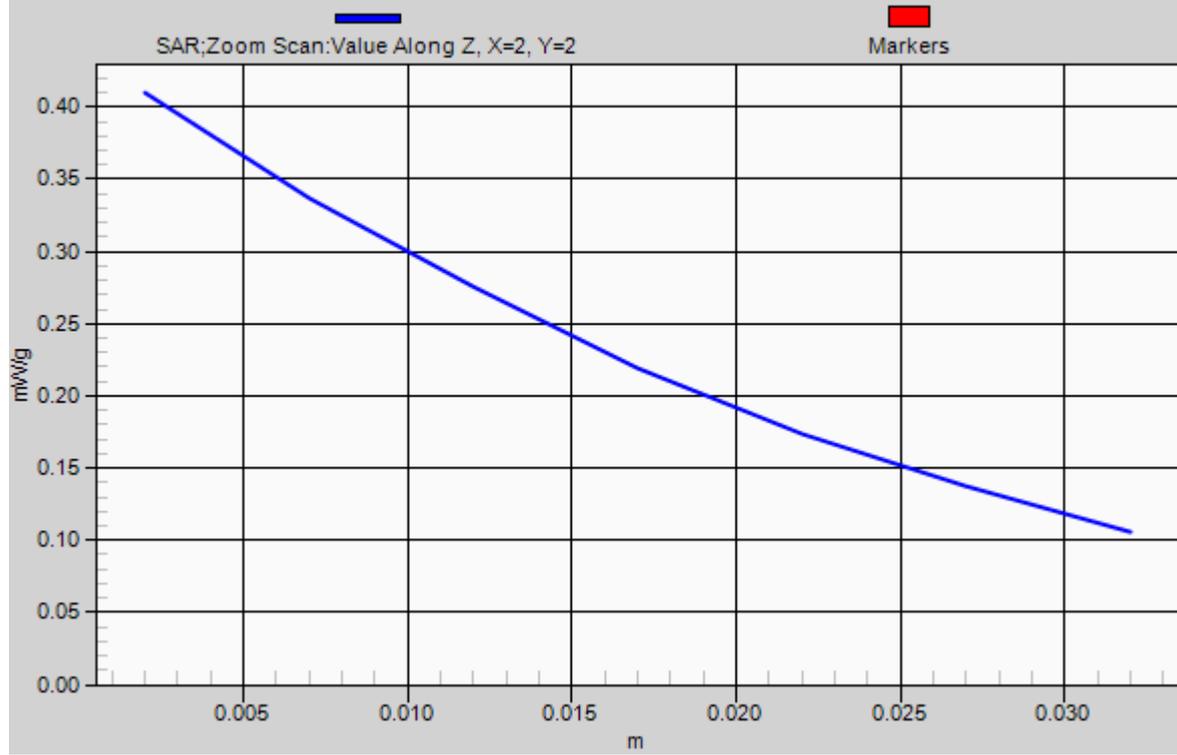
Reference Value = 6.221 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.447 W/kg

**SAR(1 g) = 0.362 mW/g; SAR(10 g) = 0.272 mW/g**

Maximum value of SAR (measured) = 0.410 mW/g

# 1g/10g Averaged SAR



**#02 CDMA2000 BC0\_RETAP 4096\_Right Cheek\_Ch777**

**DUT: 270201-03**

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: HSL\_835\_121218 Medium parameters used:  $f = 848.31$  MHz;  $\sigma = 0.905$  mho/m;  $\epsilon_r =$

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

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

**Ch777/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm

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

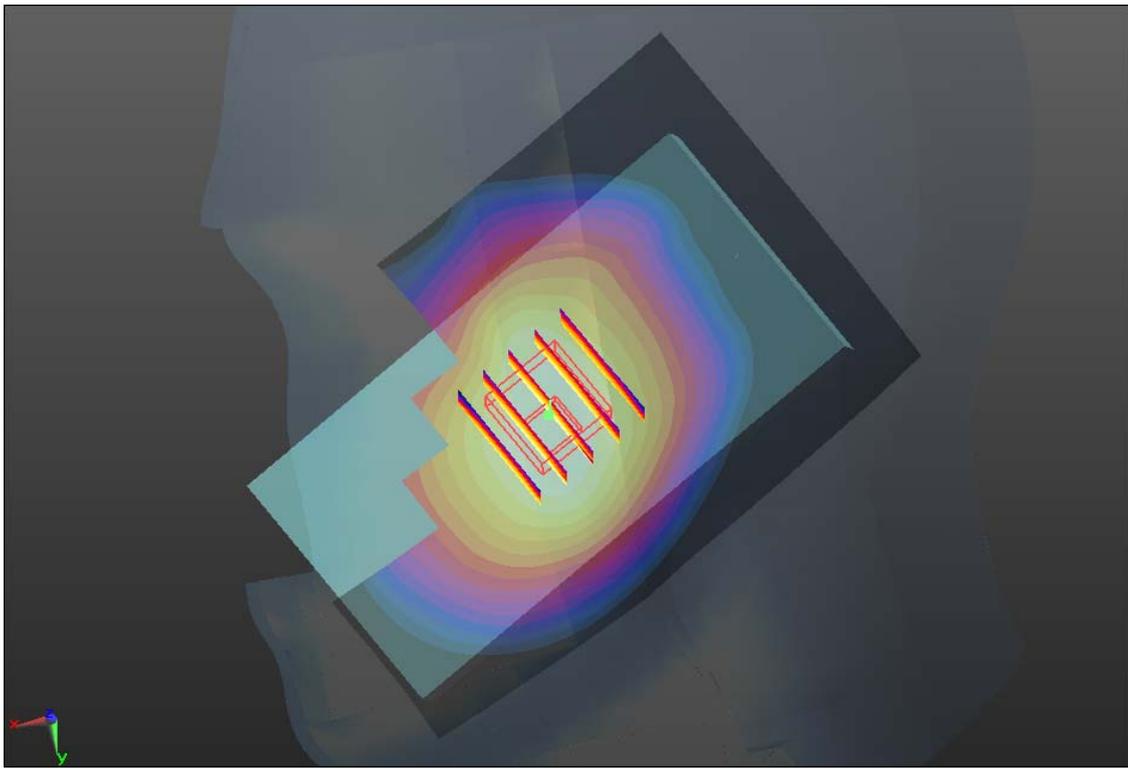
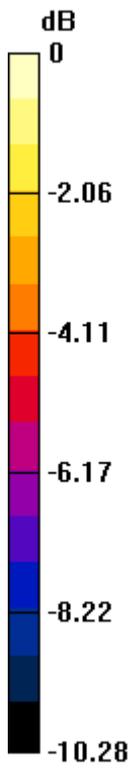
**Ch777/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.009 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.335 W/kg

**SAR(1 g) = 0.361 mW/g; SAR(10 g) = 0.269 mW/g**

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



0 dB = 0.400mW/g

**#03 CDMA2000 BC1\_RC3 SO55\_Left Cheek\_Ch600**

**DUT: 270201-03**

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_121218 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.402$  mho/m;  $\epsilon_r =$

$39.102$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

**Ch600/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.518 mW/g

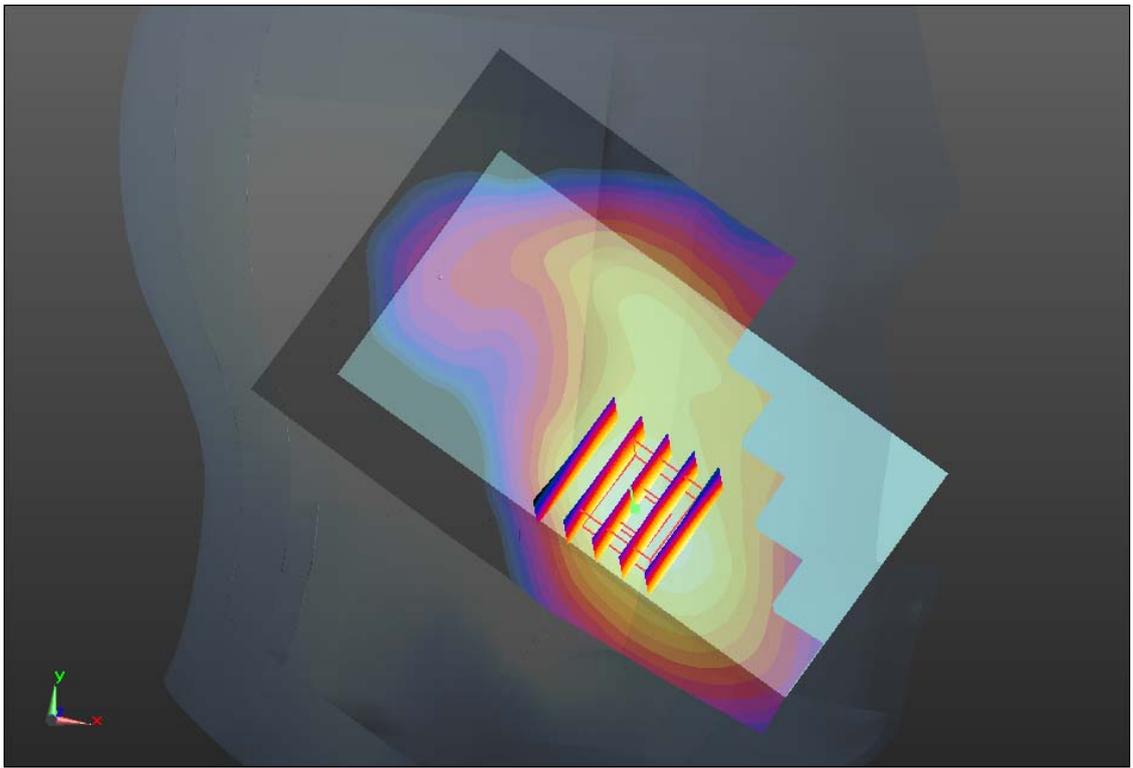
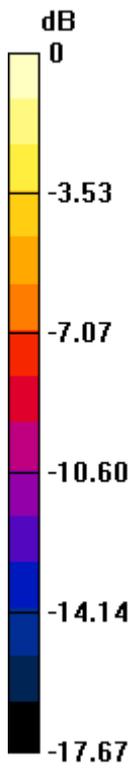
**Ch600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.108 V/m; Power Drift = 0.081 dB

Peak SAR (extrapolated) = 0.580 W/kg

**SAR(1 g) = 0.366 mW/g; SAR(10 g) = 0.217 mW/g**

Maximum value of SAR (measured) = 0.476 mW/g



0 dB = 0.480mW/g

**#06 CDMA2000 BC1\_RETAP4096\_Left Cheek\_Ch600**

**DUT: 270201-03**

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_121218 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.402$  mho/m;  $\epsilon_r =$

$39.102$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

**Ch600/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.512 mW/g

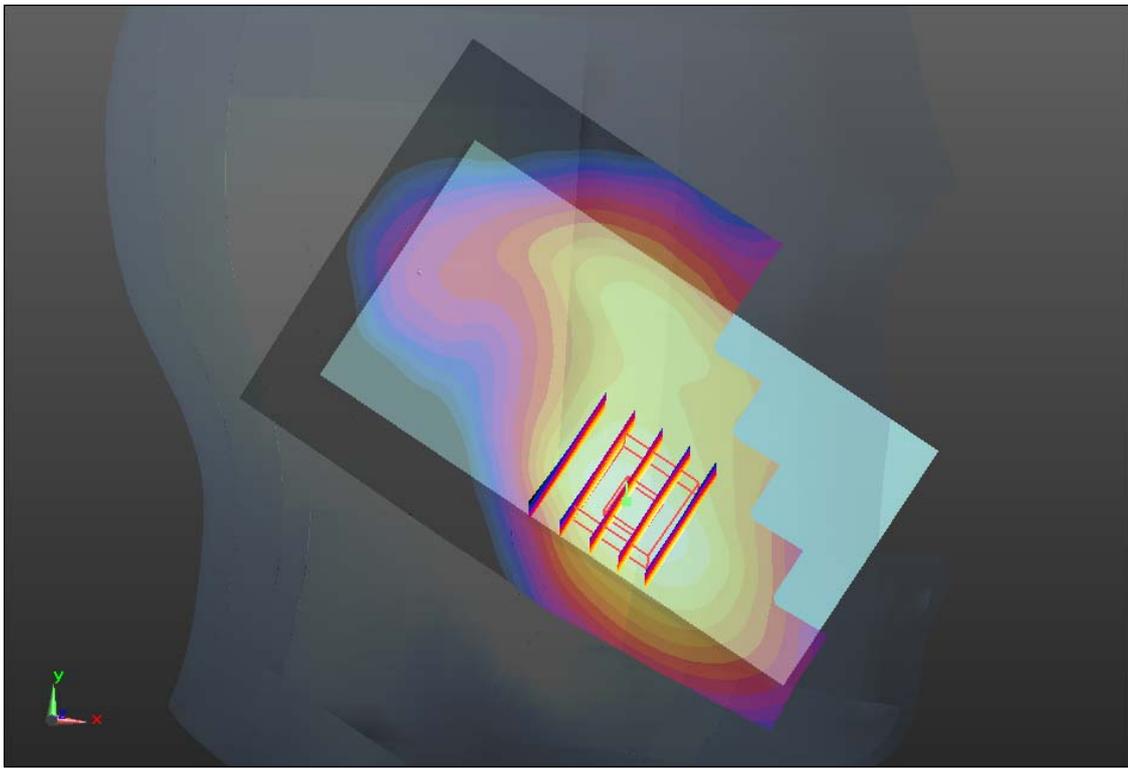
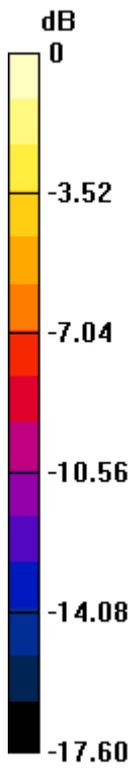
**Ch600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.086 V/m; Power Drift = 0.045 dB

Peak SAR (extrapolated) = 0.583 W/kg

**SAR(1 g) = 0.366 mW/g; SAR(10 g) = 0.217 mW/g**

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



0 dB = 0.470mW/g

**#06 CDMA2000 BC1\_RETAP4096\_Left Cheek\_Ch600\_2D**

**DUT: 270201-03**

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_121218 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.402$  mho/m;  $\epsilon_r =$

$39.102$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

**Ch600/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.512 mW/g

**Ch600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

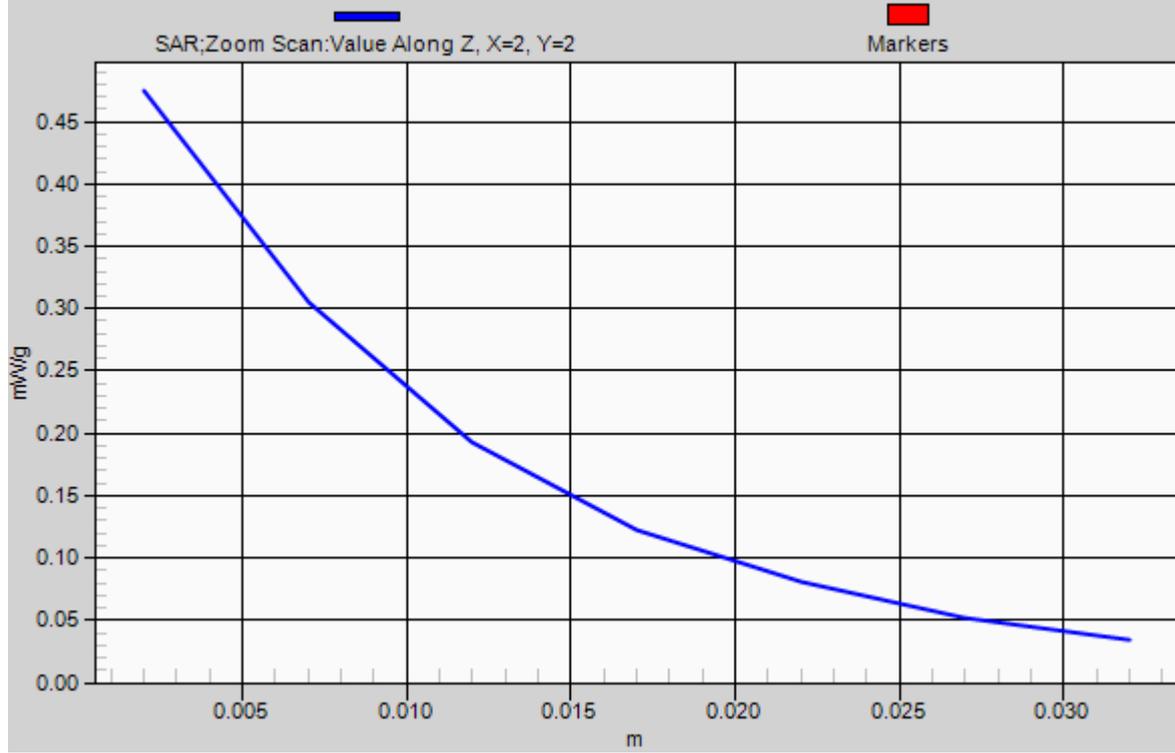
Reference Value = 6.086 V/m; Power Drift = 0.045 dB

Peak SAR (extrapolated) = 0.583 W/kg

**SAR(1 g) = 0.366 mW/g; SAR(10 g) = 0.217 mW/g**

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

# 1g/10g Averaged SAR



**#09 CDMA2000 BC10\_RC3 SO55\_Right Cheek\_Ch476**

**DUT: 270201-03**

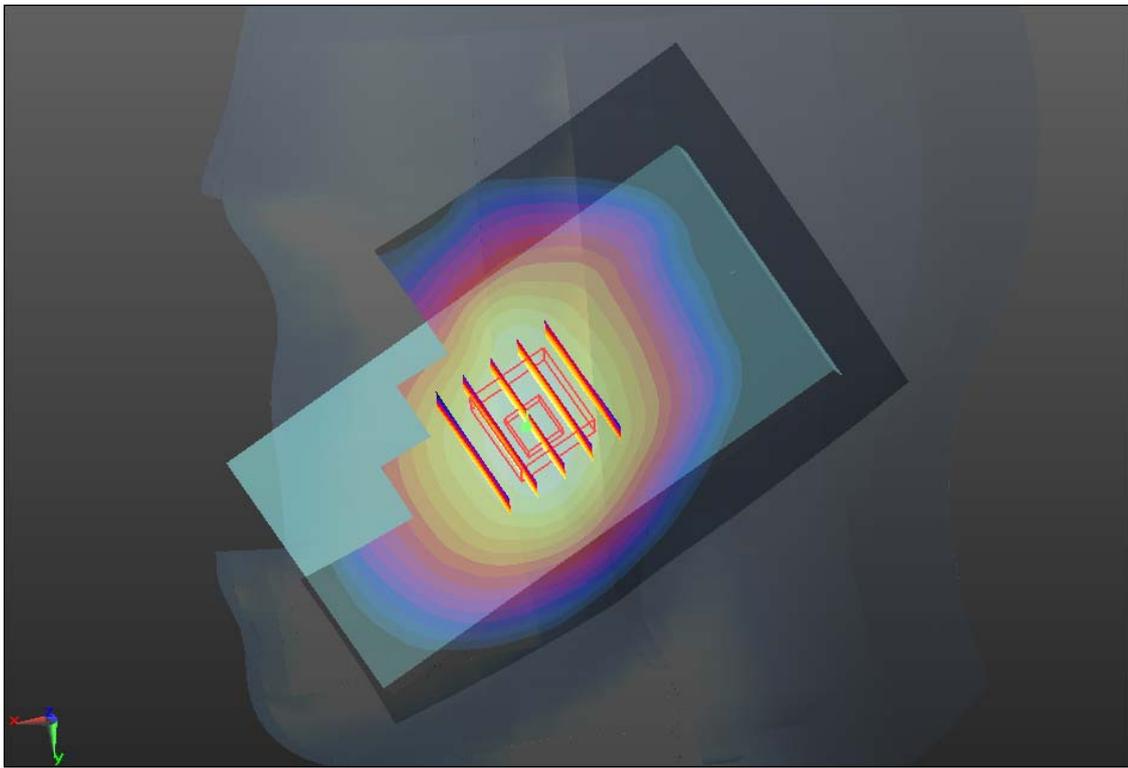
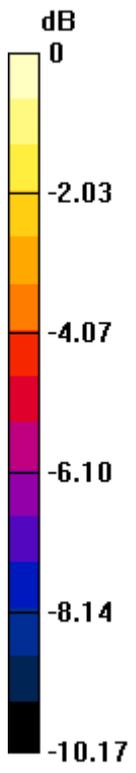
Communication System: CDMA2000; Frequency: 817.9 MHz; Duty Cycle: 1:1  
Medium: HSL\_835\_121218 Medium parameters used:  $f = 817.9$  MHz;  $\sigma = 0.878$  mho/m;  $\epsilon_r = 41.589$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.1 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

**Ch476/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.312 mW/g

**Ch476/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 5.651 V/m; Power Drift = 0.14 dB  
Peak SAR (extrapolated) = 0.337 W/kg  
**SAR(1 g) = 0.274 mW/g; SAR(10 g) = 0.209 mW/g**  
Maximum value of SAR (measured) = 0.308 mW/g



0 dB = 0.310mW/g

## #10 CDMA2000 BC10\_RETAP 4096\_Right Cheek\_Ch476

### DUT: 270201-03

Communication System: CDMA2000; Frequency: 817.9 MHz; Duty Cycle: 1:1  
Medium: HSL\_835\_121218 Medium parameters used:  $f = 817.9$  MHz;  $\sigma = 0.878$  mho/m;  $\epsilon_r = 41.589$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 21.1 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

**Ch476/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.308 mW/g

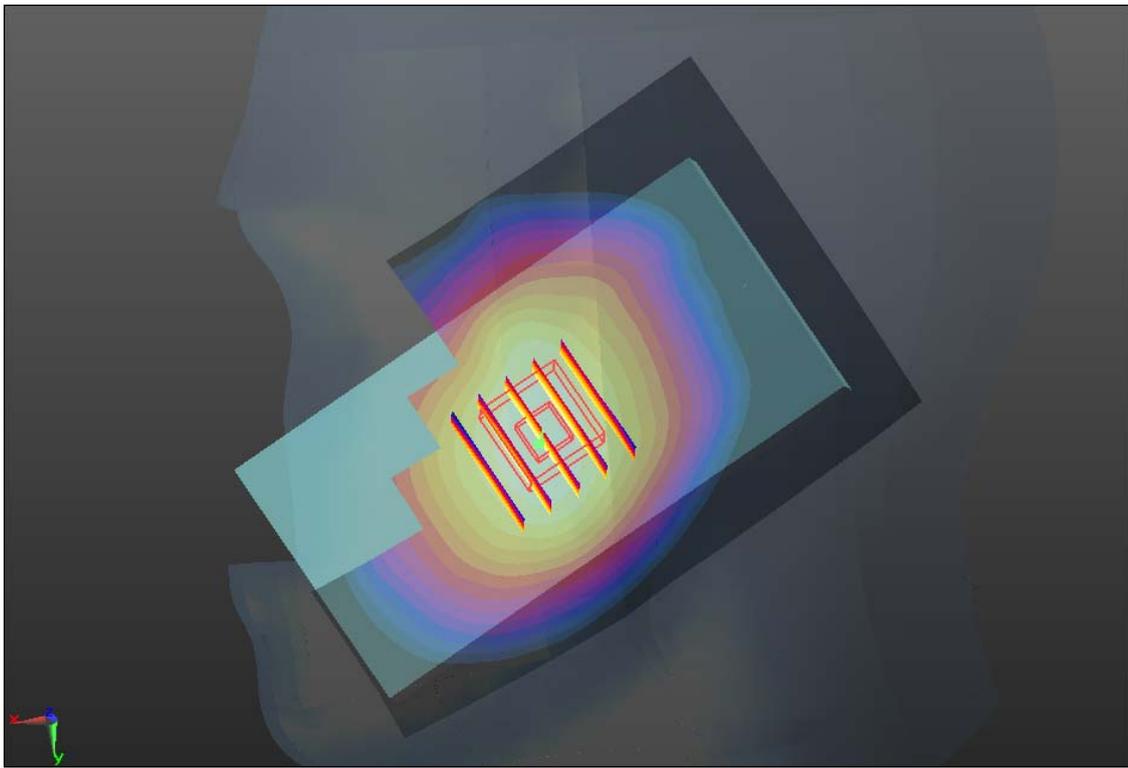
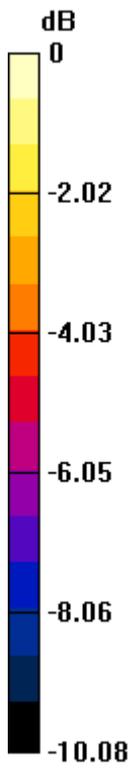
**Ch476/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.460 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.338 W/kg

**SAR(1 g) = 0.276 mW/g; SAR(10 g) = 0.210 mW/g**

Maximum value of SAR (measured) = 0.314 mW/g



0 dB = 0.310mW/g

**#10 CDMA2000 BC10\_RETAP 4096\_Right Cheek\_Ch476\_2D**

**DUT: 270201-03**

Communication System: CDMA2000; Frequency: 817.9 MHz; Duty Cycle: 1:1  
Medium: HSL\_835\_121218 Medium parameters used:  $f = 817.9$  MHz;  $\sigma = 0.878$  mho/m;  $\epsilon_r = 41.589$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 21.1 °C

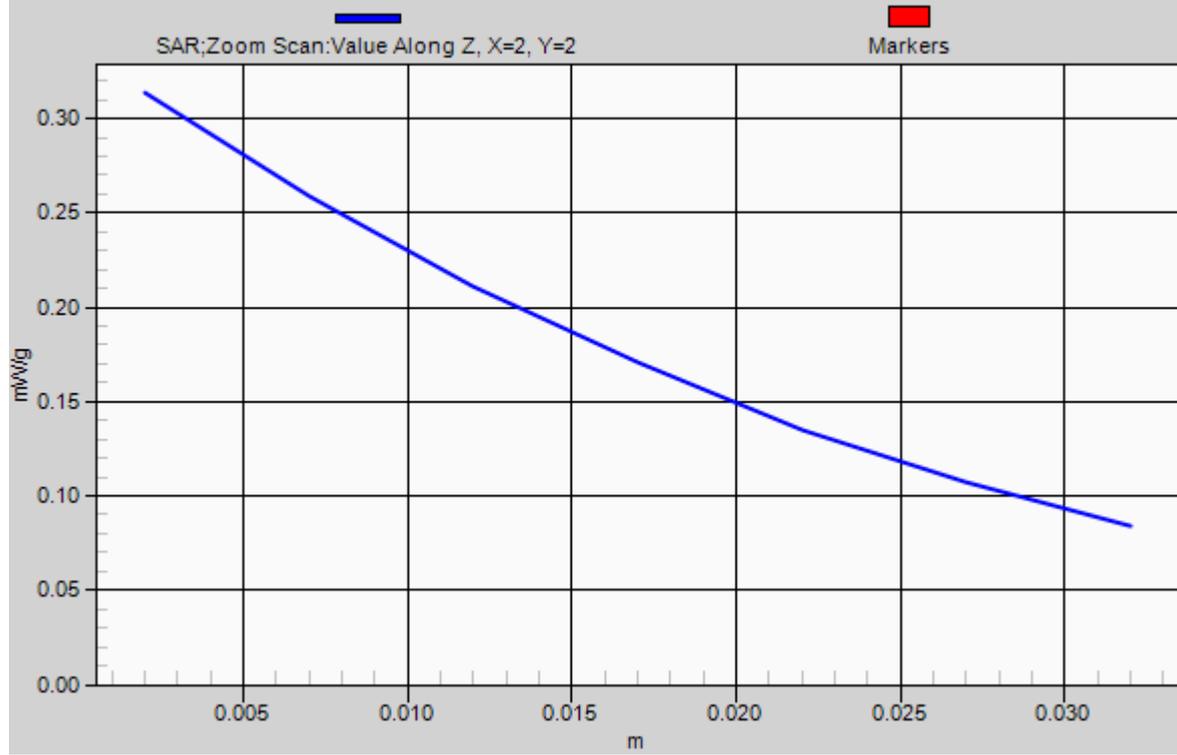
**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(8.74, 8.74, 8.74); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

**Ch476/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.308 mW/g

**Ch476/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 5.460 V/m; Power Drift = 0.09 dB  
Peak SAR (extrapolated) = 0.338 W/kg  
**SAR(1 g) = 0.276 mW/g; SAR(10 g) = 0.210 mW/g**  
Maximum value of SAR (measured) = 0.314 mW/g

# 1g/10g Averaged SAR



**#11 LTE Band 25\_QPSK(1 49)\_Right Cheek\_Ch26365**

**DUT: 270201-03**

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_121218 Medium parameters used:  $f = 1882.5$  MHz;  $\sigma = 1.405$  mho/m;  $\epsilon_r =$

$39.093$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

**Ch26365/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.622 mW/g

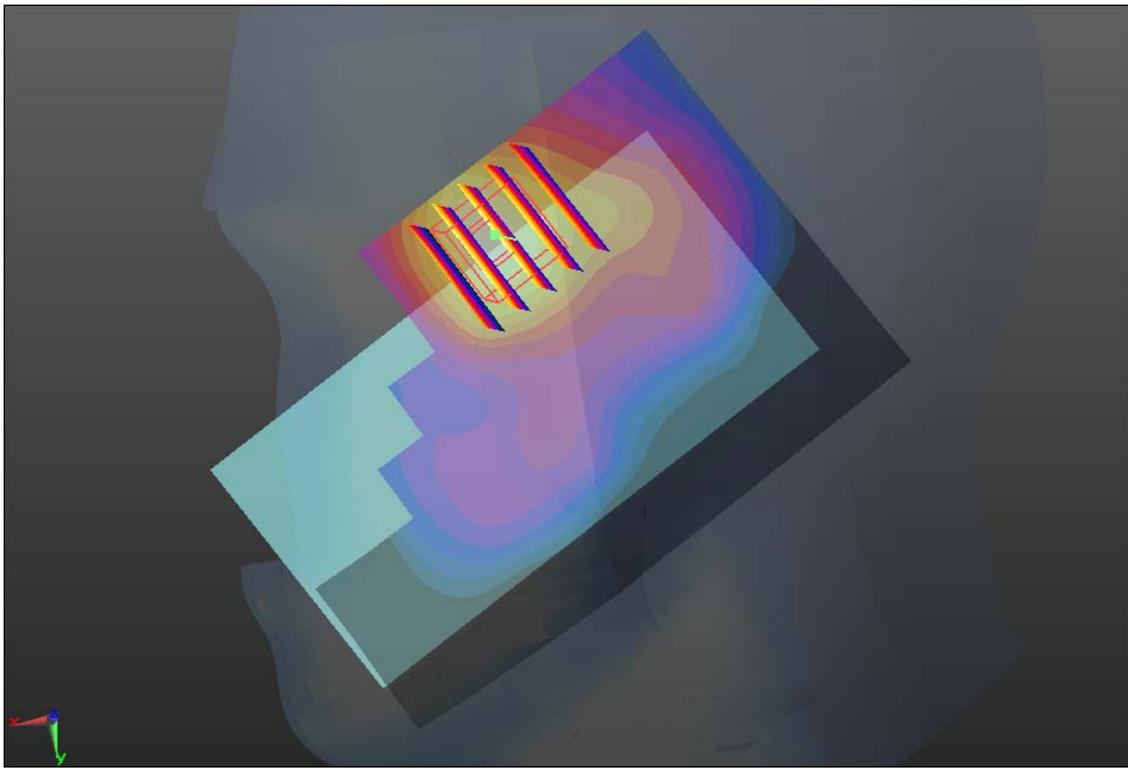
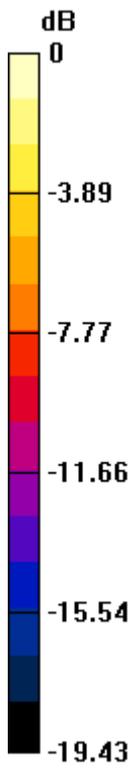
**Ch26365/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.382 V/m; Power Drift = 0.044 dB

Peak SAR (extrapolated) = 1.033 W/kg

**SAR(1 g) = 0.548 mW/g; SAR(10 g) = 0.276 mW/g**

Maximum value of SAR (measured) = 0.734 mW/g



0 dB = 0.730mW/g

**#12 LTE Band 25\_QPSK(1 49)\_Left Cheek\_Ch26365**

**DUT: 270201-03**

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_121218 Medium parameters used:  $f = 1882.5$  MHz;  $\sigma = 1.405$  mho/m;  $\epsilon_r =$

$39.093$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

**Ch26365/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.968 mW/g

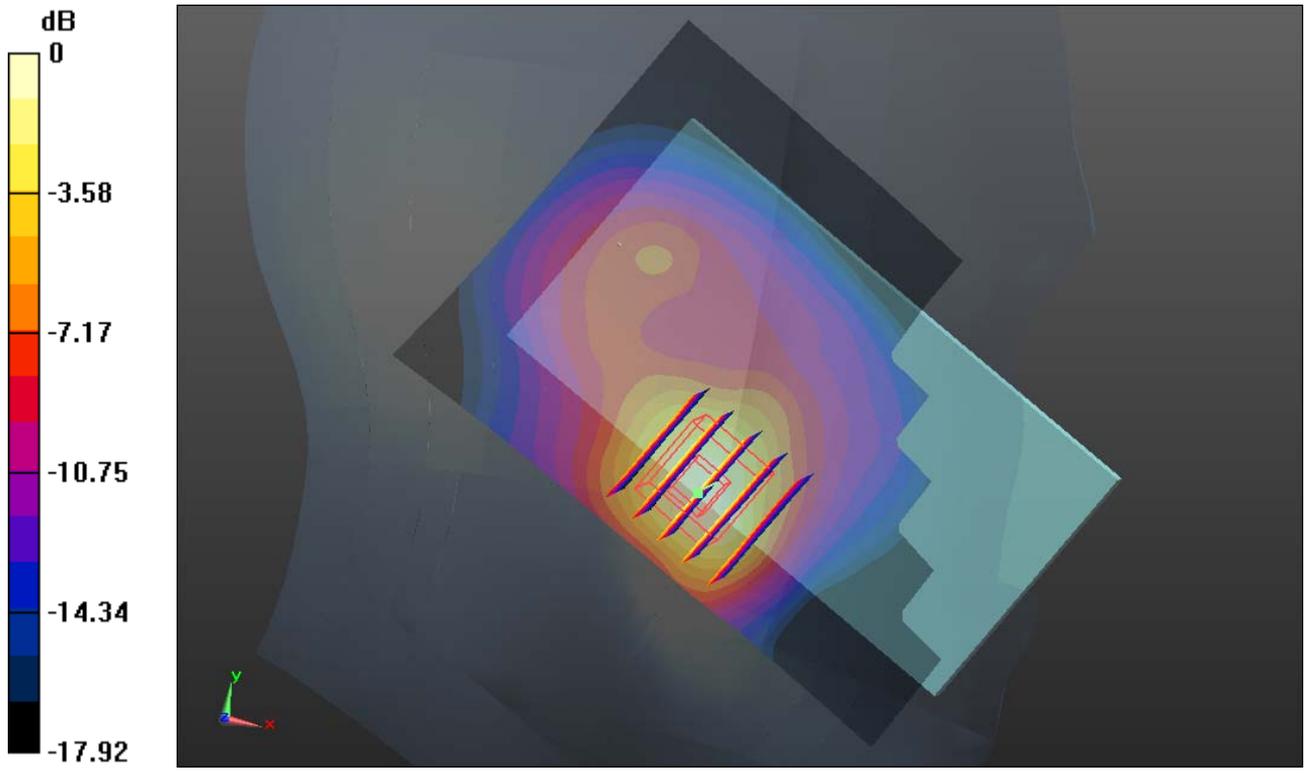
**Ch26365/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.533 V/m; Power Drift = 0.035 dB

Peak SAR (extrapolated) = 1.332 W/kg

**SAR(1 g) = 0.670 mW/g; SAR(10 g) = 0.345 mW/g**

Maximum value of SAR (measured) = 0.994 mW/g



0 dB = 0.990mW/g

**#12 LTE Band 25\_QPSK(1 49)\_Left Cheek\_Ch26365\_2D**

**DUT: 270201-03**

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_121218 Medium parameters used:  $f = 1882.5$  MHz;  $\sigma = 1.405$  mho/m;  $\epsilon_r =$

$39.093$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.84, 7.84, 7.84); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

**Ch26365/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.968 mW/g

**Ch26365/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

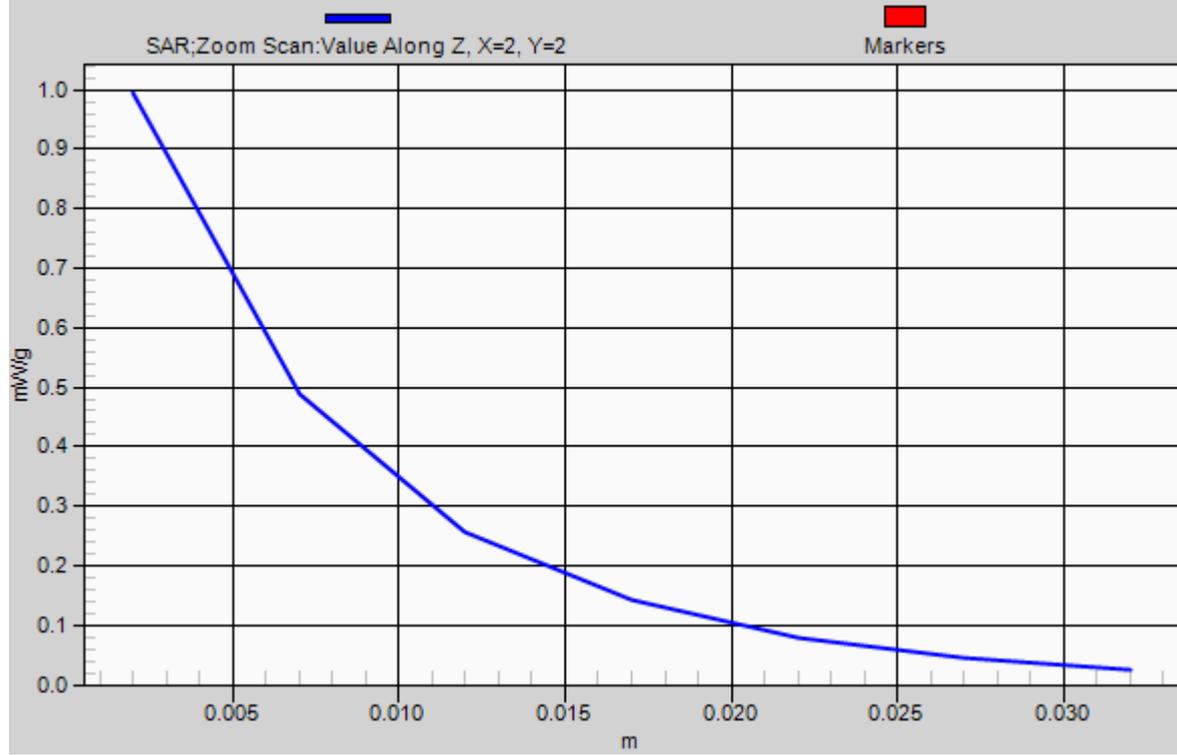
Reference Value = 10.533 V/m; Power Drift = 0.035 dB

Peak SAR (extrapolated) = 1.332 W/kg

**SAR(1 g) = 0.670 mW/g; SAR(10 g) = 0.345 mW/g**

Maximum value of SAR (measured) = 0.994 mW/g

# 1g/10g Averaged SAR



**#13 802.11b\_Right Cheek\_1M\_Ch1**

**DUT: 270201-03**

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

Medium: HSL\_2450\_121218 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.814$  mho/m;  $\epsilon_r =$

$37.834$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(6.87, 6.87, 6.87); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

**Ch1/Area Scan (81x141x1):** Measurement grid: dx=12mm, dy=12mm

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

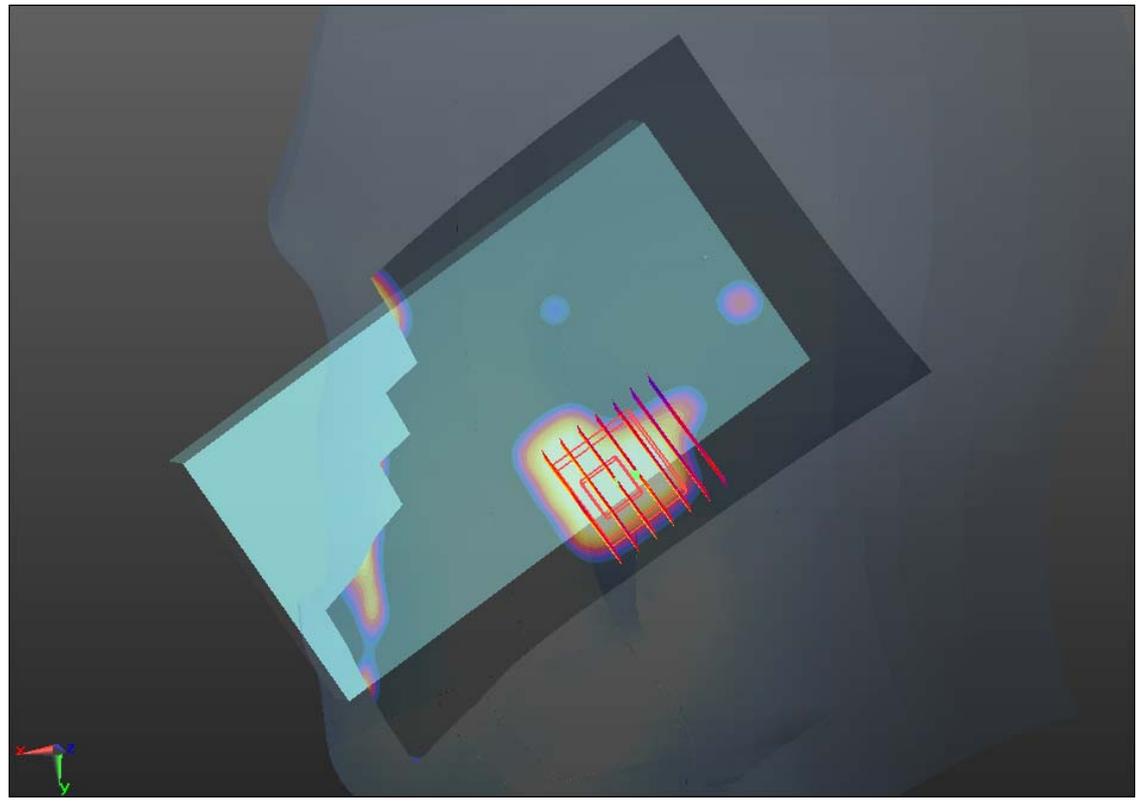
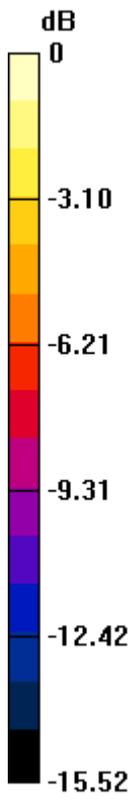
**Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.997 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.083 W/kg

**SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.011 mW/g**

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



0 dB = 0.030mW/g

## #14 802.11b\_Right Tilted\_1M\_Ch1

### DUT: 270201-03

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

Medium: HSL\_2450\_121218 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.814$  mho/m;  $\epsilon_r =$

$37.834$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.87, 6.87, 6.87); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

**Ch1/Area Scan (81x141x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.033 mW/g

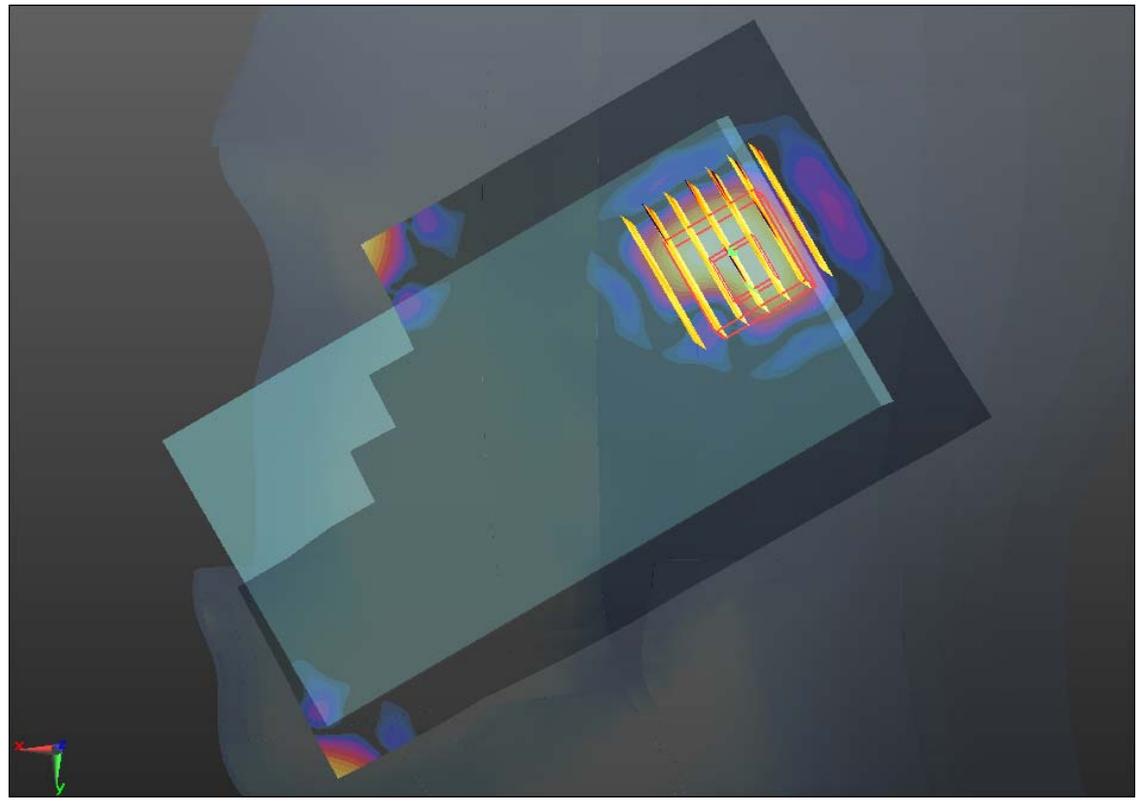
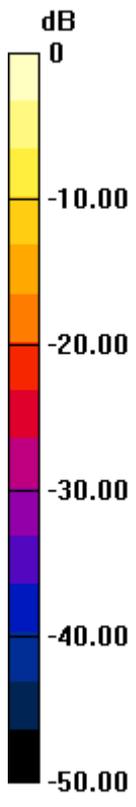
**Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.584 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.024 W/kg

**SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00491 mW/g**

Maximum value of SAR (measured) = 0.019 mW/g



0 dB = 0.020mW/g

**#15 802.11b\_Left Check\_1M\_Ch1**

**DUT: 270201-03**

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

Medium: HSL\_2450\_121218 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.814$  mho/m;  $\epsilon_r =$

$37.834$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(6.87, 6.87, 6.87); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

**Ch1/Area Scan (81x141x1):** Measurement grid: dx=12mm, dy=12mm

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

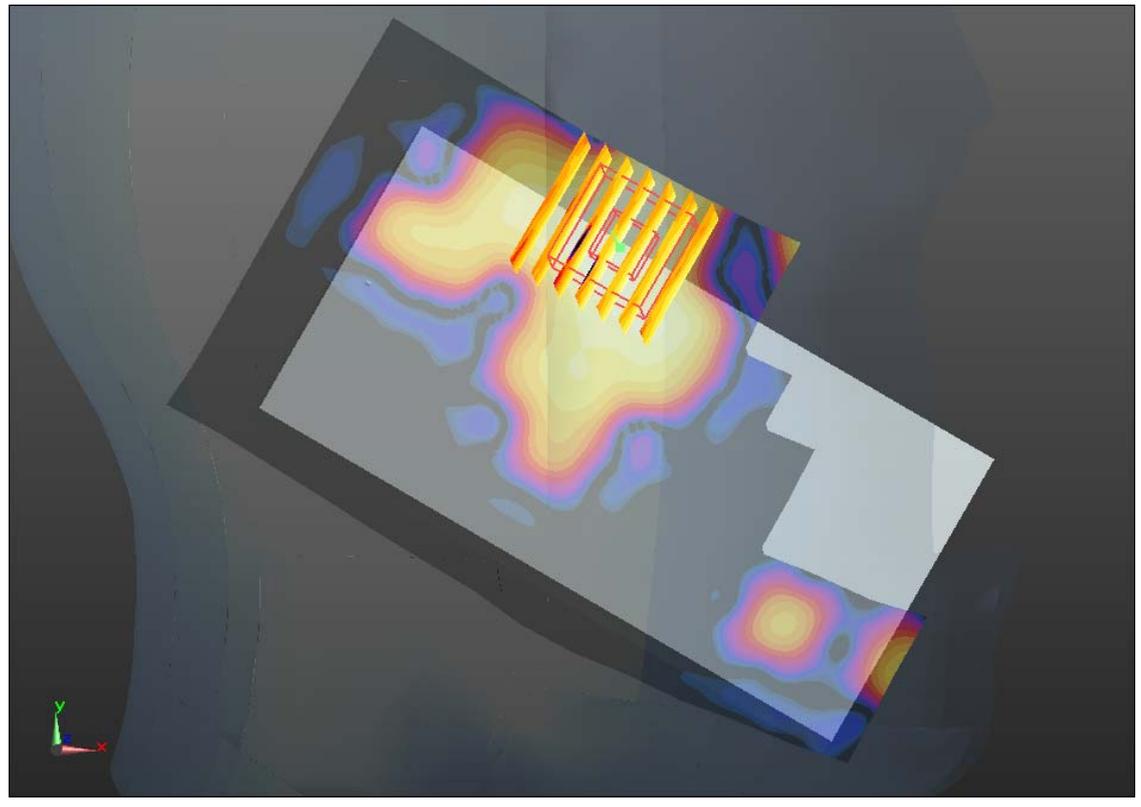
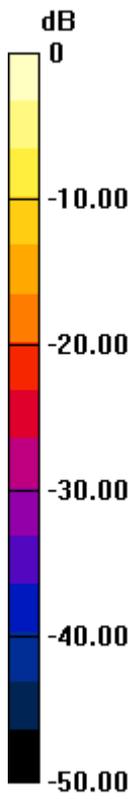
**Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.310 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.114 W/kg

**SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.021 mW/g**

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



0 dB = 0.080mW/g

**#15 802.11b\_Left Check\_1M\_Ch1\_2D**

**DUT: 270201-03**

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

Medium: HSL\_2450\_121218 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.814$  mho/m;  $\epsilon_r =$

$37.834$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(6.87, 6.87, 6.87); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

**Ch1/Area Scan (81x141x1):** Measurement grid: dx=12mm, dy=12mm

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

**Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

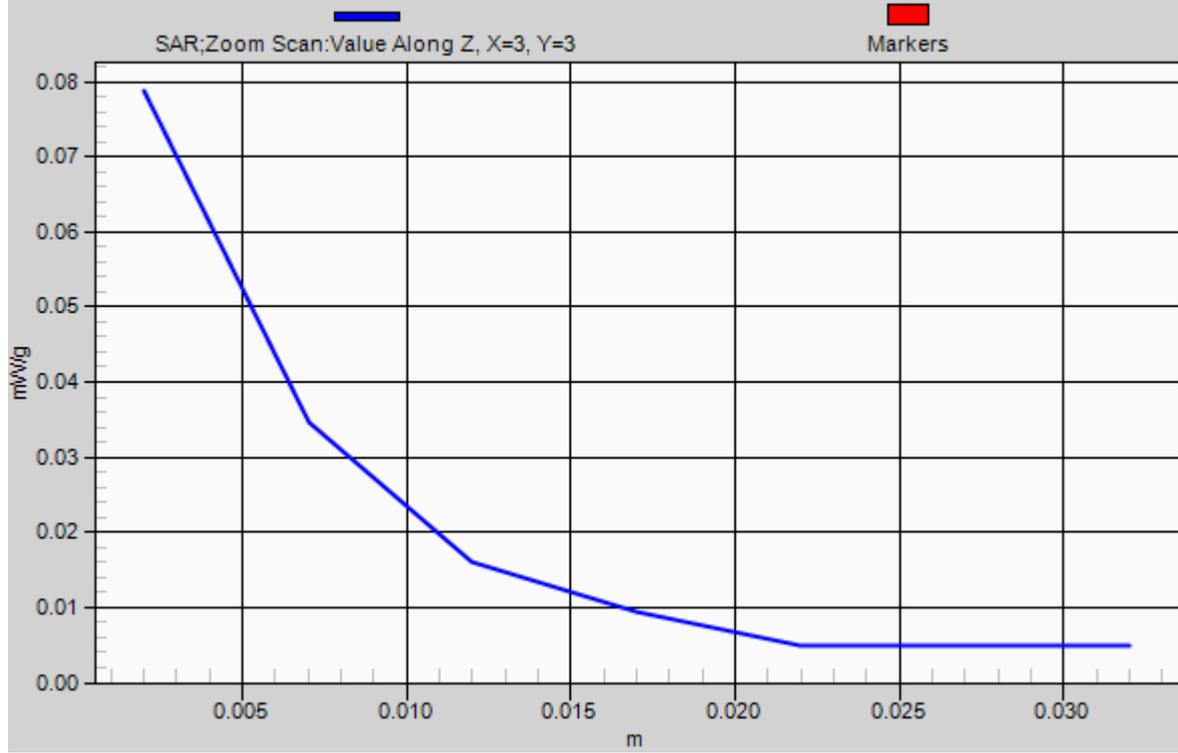
Reference Value = 0.310 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.114 W/kg

**SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.021 mW/g**

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

# 1g/10g Averaged SAR



## #16 802.11b\_Left Tilted\_1M\_Ch1

### DUT: 270201/25

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

Medium: HSL\_2450\_121218 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.814$  mho/m;  $\epsilon_r =$

$37.834$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(6.87, 6.87, 6.87); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

**Ch1/Area Scan (81x141x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.048 mW/g

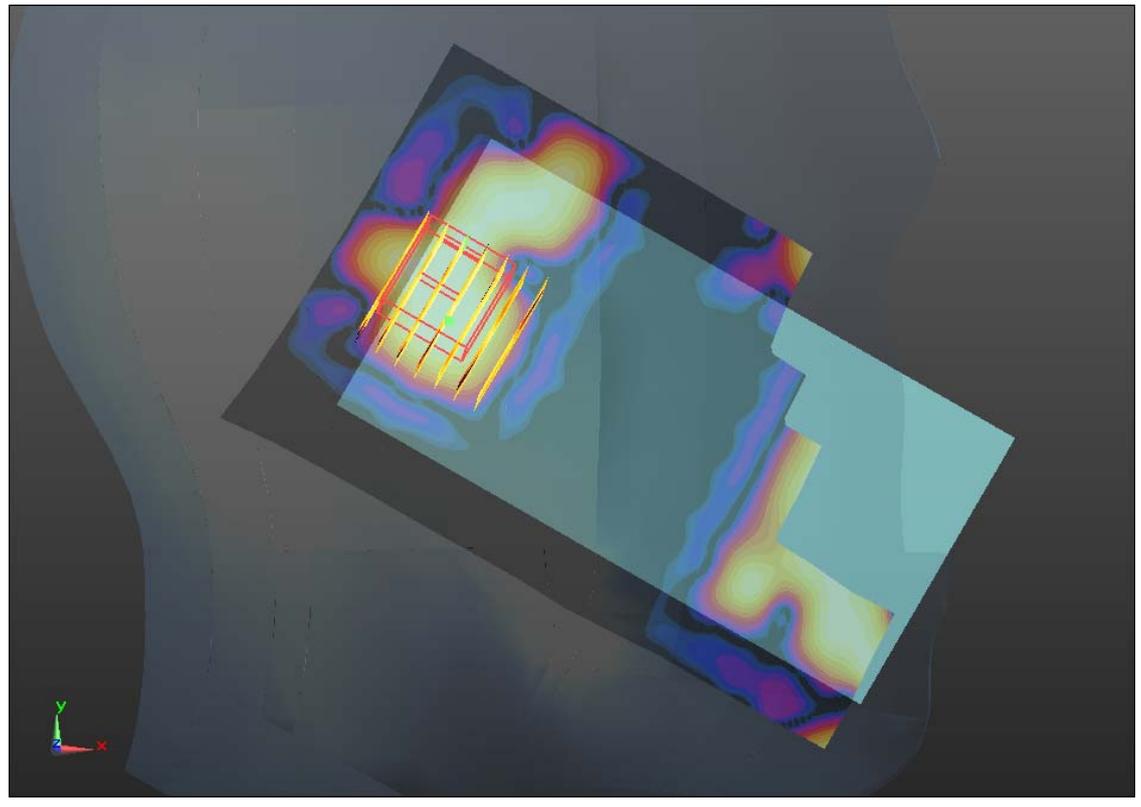
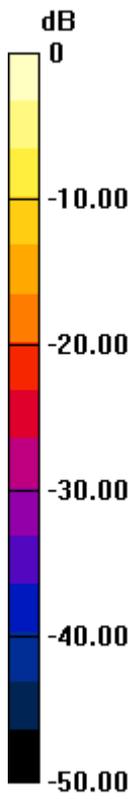
**Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.064 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.020 W/kg

**SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00456 mW/g**

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



0 dB = 0.020mW/g

**#21 CDMA2000 BC0\_RTAP 153.6\_Back\_1cm\_Ch777**

**DUT: 270201-03**

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1  
Medium: MSL\_835\_121219 Medium parameters used:  $f = 848.31$  MHz;  $\sigma = 0.994$  mho/m;  $\epsilon_r = 54.336$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °C

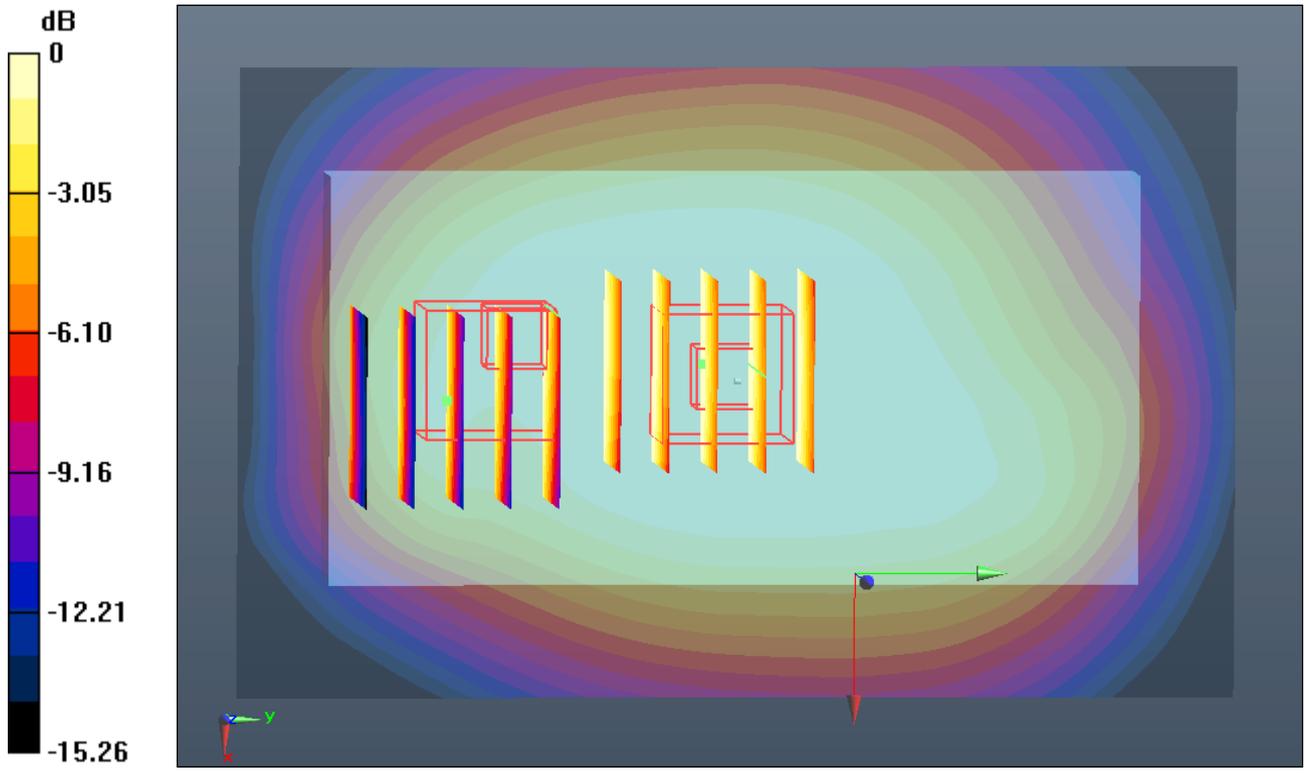
**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

**Ch777/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.635 mW/g

**Ch777/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 24.361 V/m; Power Drift = -0.06 dB  
Peak SAR (extrapolated) = 0.700 W/kg  
**SAR(1 g) = 0.557 mW/g; SAR(10 g) = 0.425 mW/g**  
Maximum value of SAR (measured) = 0.638 mW/g

**Ch777/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 24.361 V/m; Power Drift = -0.06 dB  
Peak SAR (extrapolated) = 0.594 W/kg  
**SAR(1 g) = 0.401 mW/g; SAR(10 g) = 0.251 mW/g**  
Maximum value of SAR (measured) = 0.533 mW/g



0 dB = 0.530mW/g

**#21 CDMA2000 BC0\_RTAP 153.6\_Back\_1cm\_Ch777\_2D**

**DUT: 270201-03**

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1  
Medium: MSL\_835\_121219 Medium parameters used:  $f = 848.31$  MHz;  $\sigma = 0.994$  mho/m;  $\epsilon_r = 54.336$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °C

**DASY5 Configuration:**

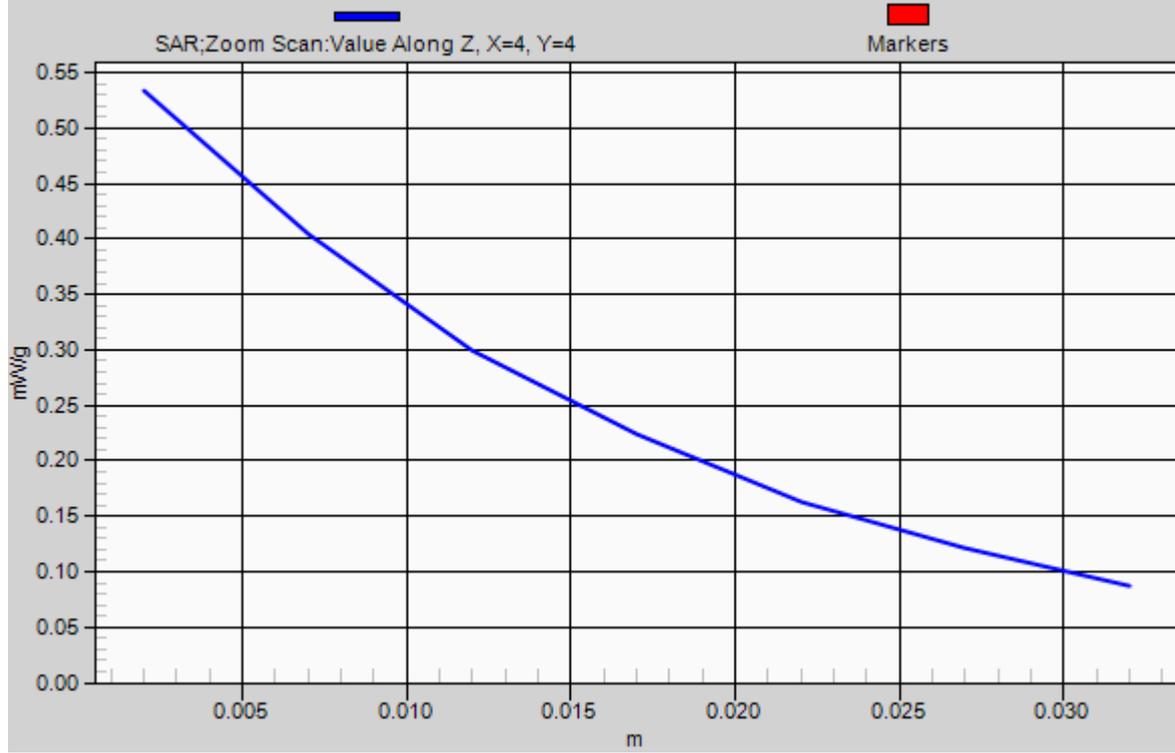
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

**Ch777/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.635 mW/g

**Ch777/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 24.361 V/m; Power Drift = -0.06 dB  
Peak SAR (extrapolated) = 0.700 W/kg  
**SAR(1 g) = 0.557 mW/g; SAR(10 g) = 0.425 mW/g**  
Maximum value of SAR (measured) = 0.638 mW/g

**Ch777/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 24.361 V/m; Power Drift = -0.06 dB  
Peak SAR (extrapolated) = 0.594 W/kg  
**SAR(1 g) = 0.401 mW/g; SAR(10 g) = 0.251 mW/g**  
Maximum value of SAR (measured) = 0.533 mW/g

# 1g/10g Averaged SAR



**#31 CDMA2000 BC1\_RTAP 153.6\_Back\_1cm\_Ch1175**

**DUT: 270201-03**

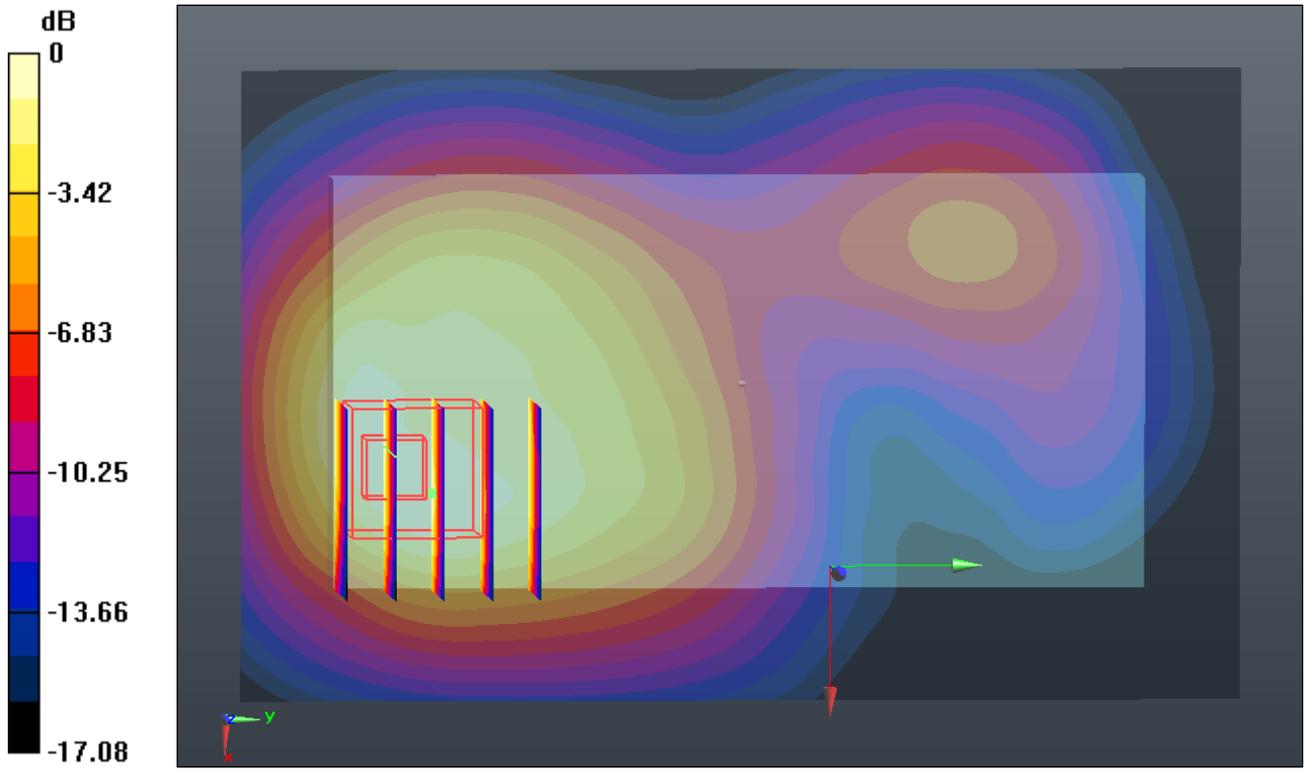
Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_121219 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.561$  mho/m;  $\epsilon_r = 53.225$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

**Ch1175/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.905 mW/g

**Ch1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 9.053 V/m; Power Drift = -0.07 dB  
Peak SAR (extrapolated) = 1.111 W/kg  
**SAR(1 g) = 0.656 mW/g; SAR(10 g) = 0.378 mW/g**  
Maximum value of SAR (measured) = 0.896 mW/g



0 dB = 0.900mW/g

**#31 CDMA2000 BC1\_RTAP 153.6\_Back\_1cm\_Ch1175\_2D**

**DUT: 270201-03**

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_121219 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.561$  mho/m;  $\epsilon_r = 53.225$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

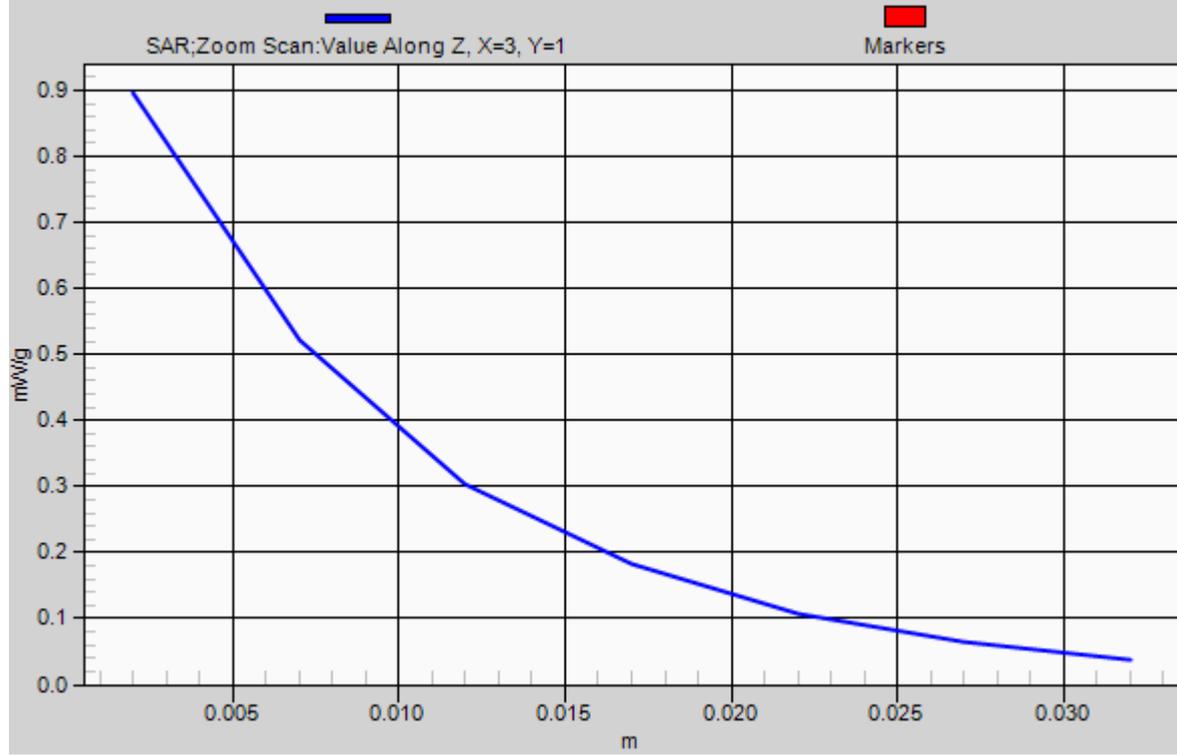
**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

**Ch1175/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.905 mW/g

**Ch1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 9.053 V/m; Power Drift = -0.07 dB  
Peak SAR (extrapolated) = 1.111 W/kg  
**SAR(1 g) = 0.656 mW/g; SAR(10 g) = 0.378 mW/g**  
Maximum value of SAR (measured) = 0.896 mW/g

# 1g/10g Averaged SAR



**#36 CDMA2000 BC10\_RTAP 153.6\_Back\_1cm\_Ch476**

**DUT: 270201-03**

Communication System: CDMA2000; Frequency: 817.9 MHz; Duty Cycle: 1:1

Medium: MSL\_835\_121219 Medium parameters used:  $f = 817.9$  MHz;  $\sigma = 0.963$  mho/m;  $\epsilon_r =$

$54.641$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20

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

- Electronics: DAE3 Sn360; Calibrated: 2012-11-15

- Phantom: SAM2; Type: SAM; Serial: TP-1477

- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

**Ch476/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.754 mW/g

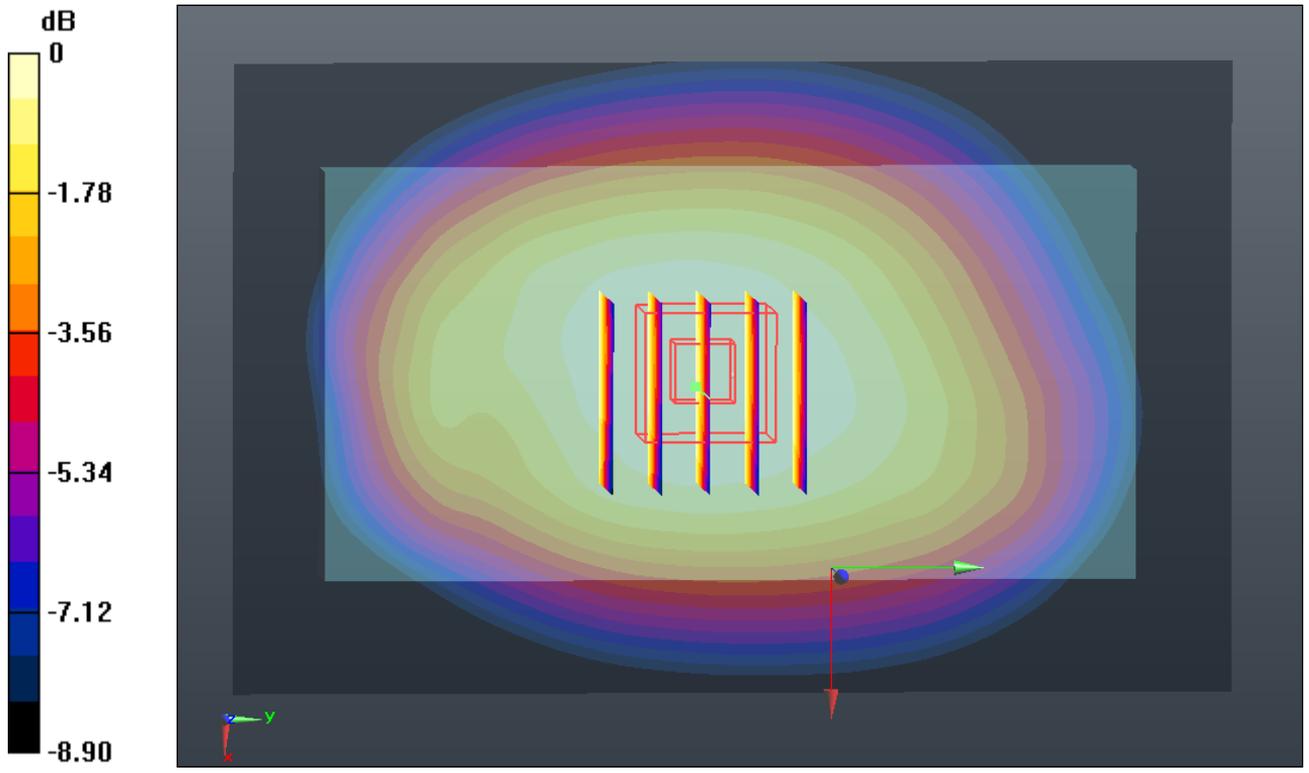
**Ch476/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.539 V/m; Power Drift = 0.0056 dB

Peak SAR (extrapolated) = 0.814 W/kg

**SAR(1 g) = 0.651 mW/g; SAR(10 g) = 0.501 mW/g**

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



**#36 CDMA2000 BC10\_RTAP 153.6\_Back\_1cm\_Ch476\_2D**

**DUT: 270201-03**

Communication System: CDMA2000; Frequency: 817.9 MHz; Duty Cycle: 1:1

Medium: MSL\_835\_121219 Medium parameters used:  $f = 817.9$  MHz;  $\sigma = 0.963$  mho/m;  $\epsilon_r =$

$54.641$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

**Ch476/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.754 mW/g

**Ch476/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

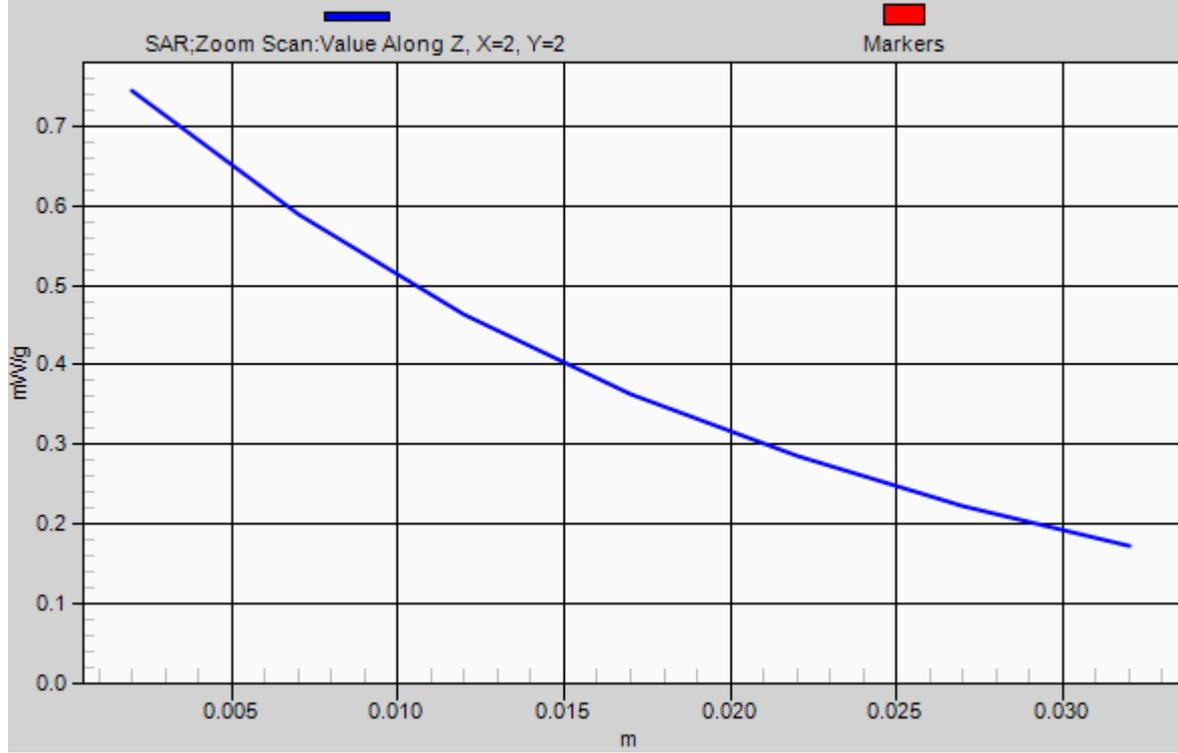
Reference Value = 26.539 V/m; Power Drift = 0.0056 dB

Peak SAR (extrapolated) = 0.814 W/kg

**SAR(1 g) = 0.651 mW/g; SAR(10 g) = 0.501 mW/g**

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

# 1g/10g Averaged SAR



**#40 LTE Band 25\_QPSK(1 49)\_10M\_Back\_Ch26365**

**DUT: 270201-03**

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_121219 Medium parameters used:  $f = 1882.5$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r =$

$53.301$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

**Ch26365/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.064 mW/g

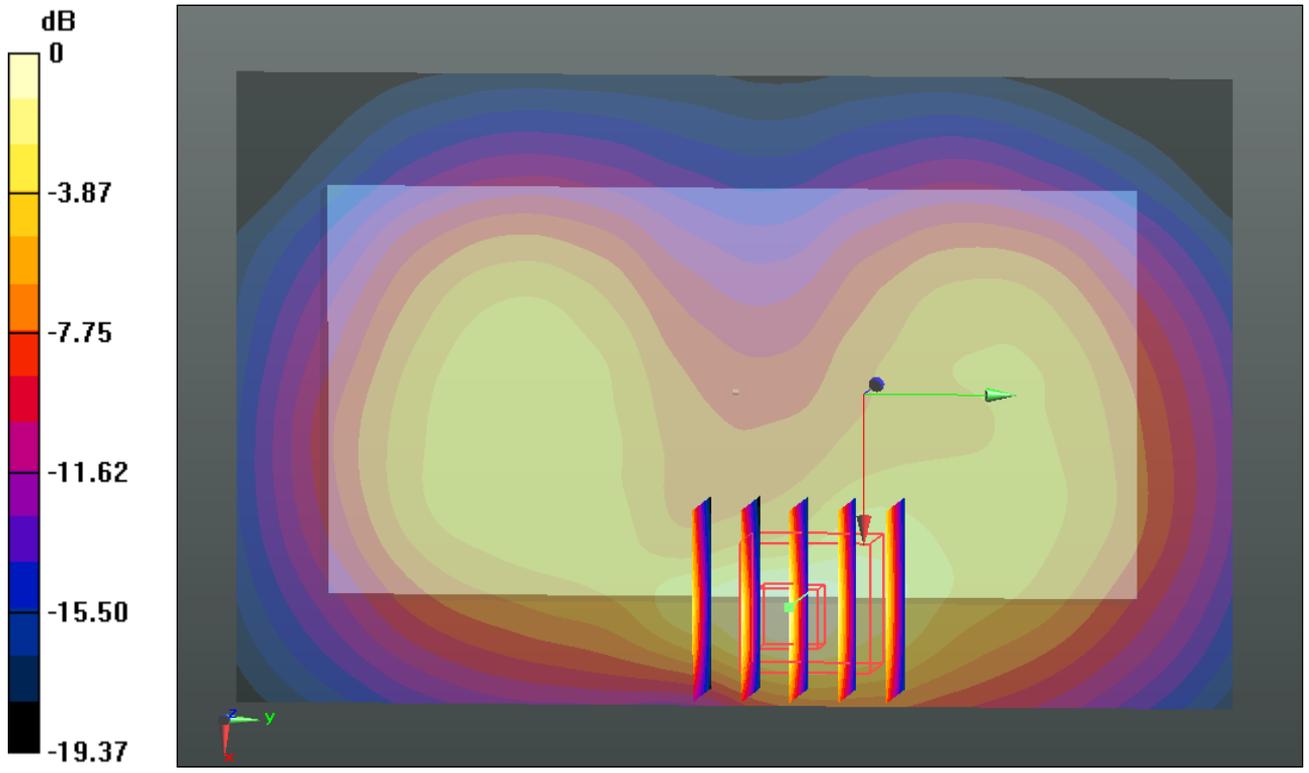
**Ch26365/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.451 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.296 W/kg

**SAR(1 g) = 0.706 mW/g; SAR(10 g) = 0.354 mW/g**

Maximum value of SAR (measured) = 1.025 mW/g



0 dB = 1.030mW/g

**#52 LTE Band 25\_QPSK(1 49)\_10M\_Back\_Ch26365**

**DUT: 270201-03**

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_121219 Medium parameters used:  $f = 1882.5$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r =$

$53.301$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

**Ch26365/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.568 mW/g

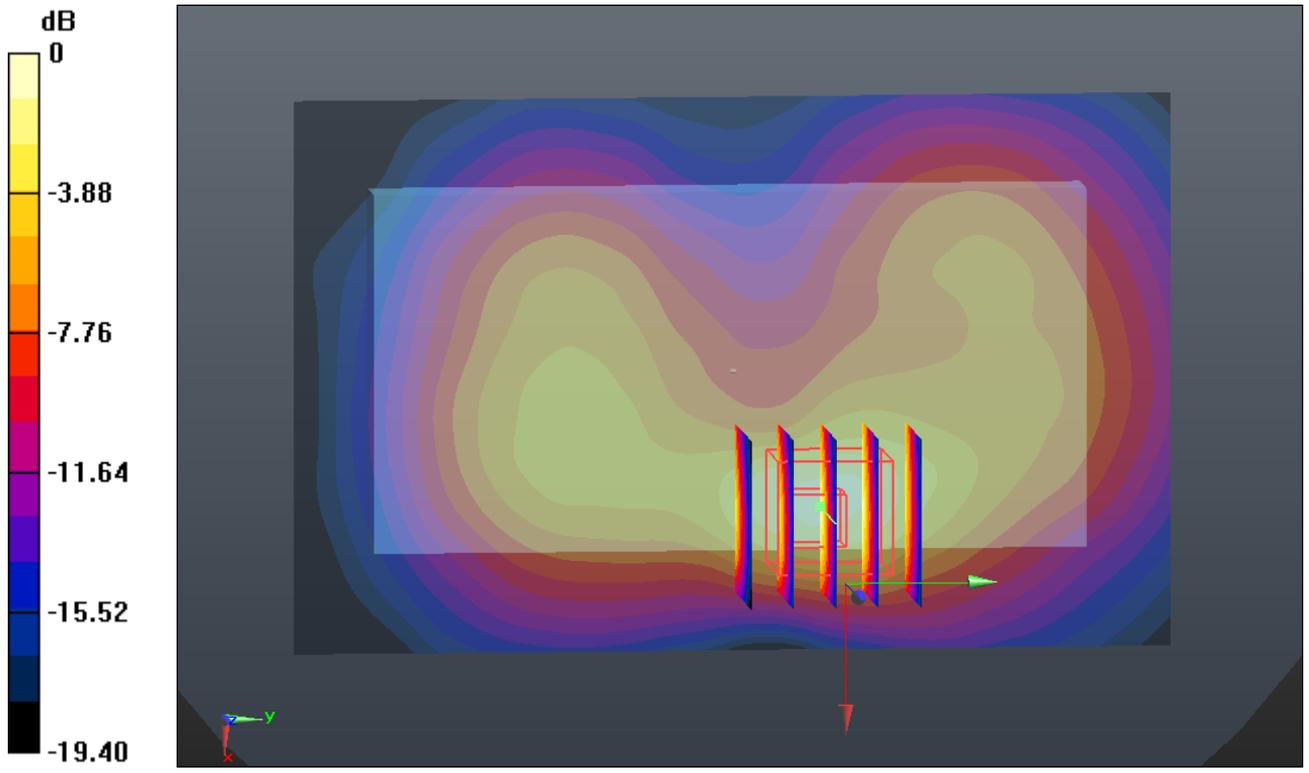
**Ch26365/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.795 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.868 W/kg

**SAR(1 g) = 0.452 mW/g; SAR(10 g) = 0.216 mW/g**

Maximum value of SAR (measured) = 0.680 mW/g



0 dB = 0.680mW/g

**#47 802.11b\_Front 1cm\_1M\_Ch1**

**DUT: 270201-03**

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

Medium: MSL\_2450\_121219 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.933$  mho/m;  $\epsilon_r =$

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

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

**Ch1/Area Scan (81x141x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.055 mW/g

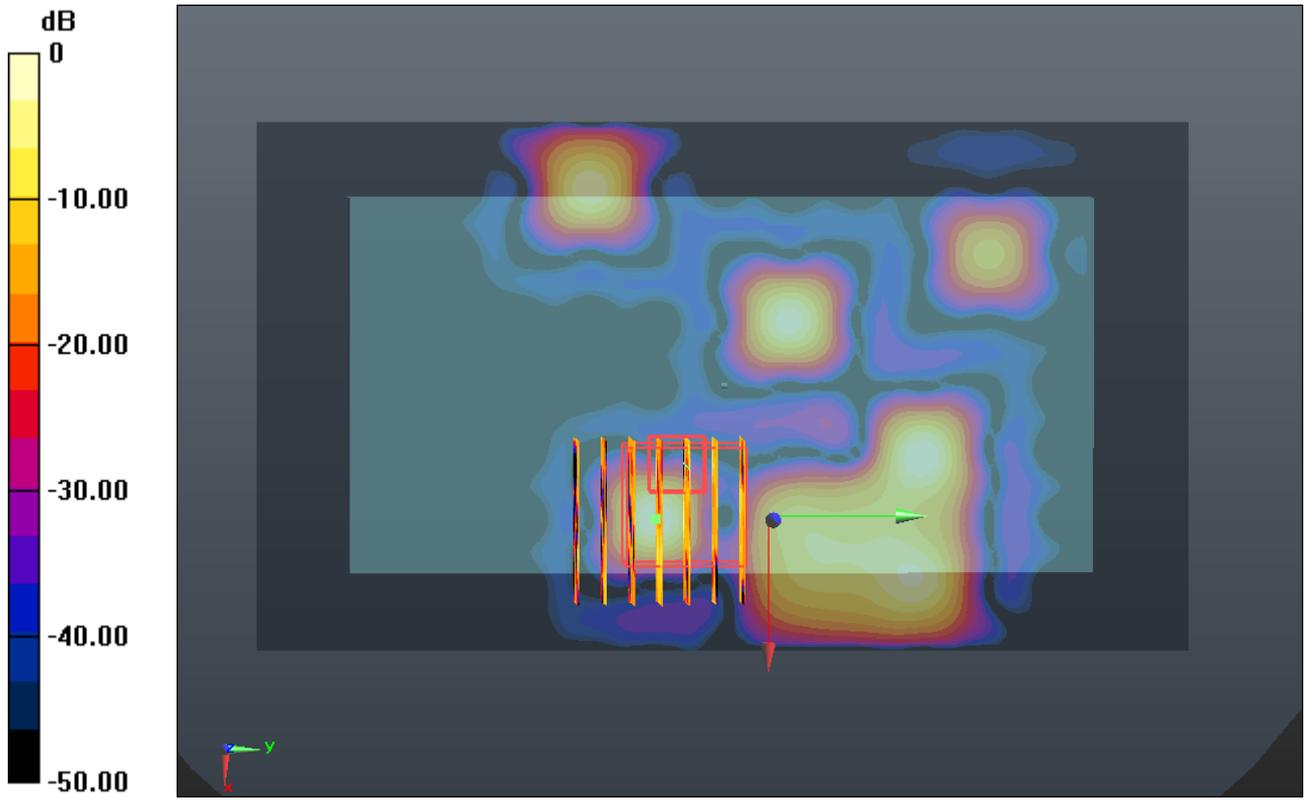
**Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.600 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.064 W/kg

**SAR(1 g) = 0.00355 mW/g; SAR(10 g) = 0.00125 mW/g**

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



0 dB = 0.050mW/g

**#48 802.11b\_Back 1cm\_1M\_Ch1**

**DUT: 270201-03**

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

Medium: MSL\_2450\_121219 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.933$  mho/m;  $\epsilon_r =$

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

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

**Ch1/Area Scan (81x141x1):** Measurement grid: dx=12mm, dy=12mm

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

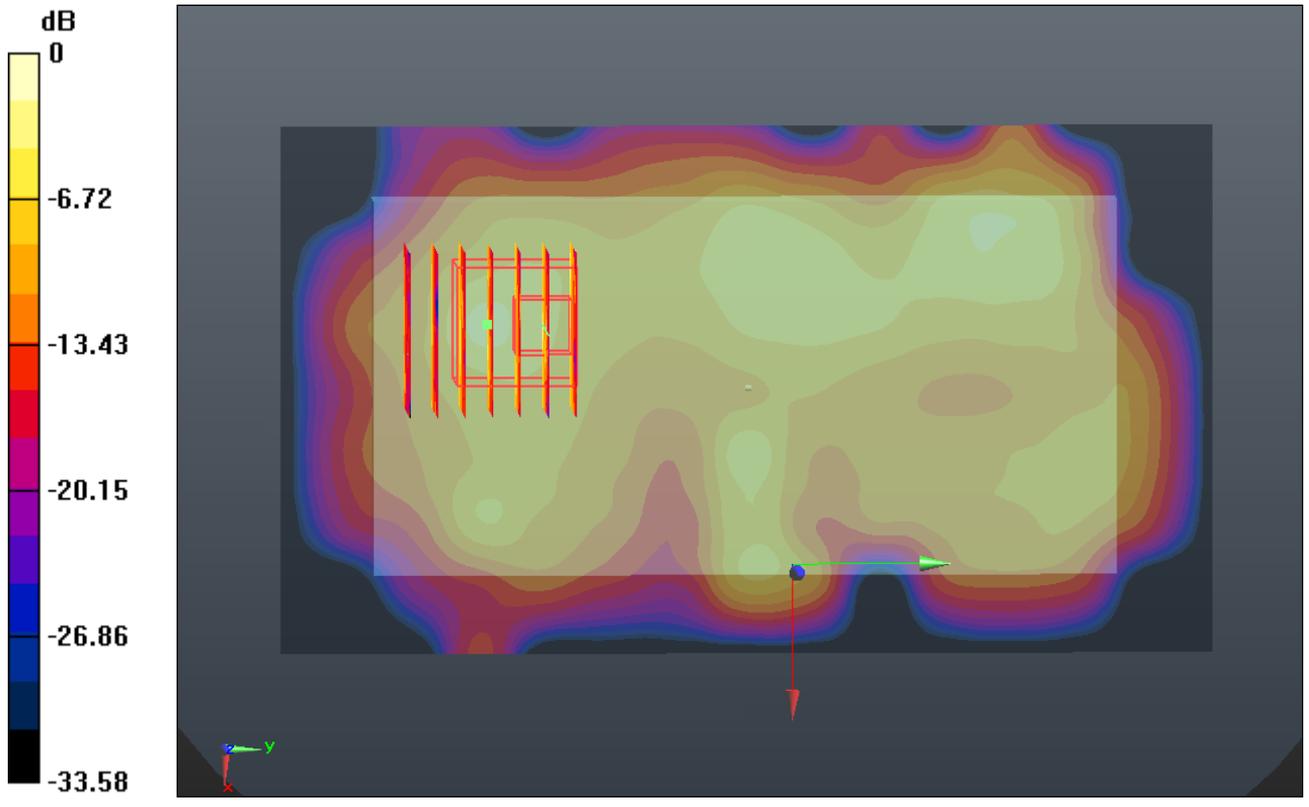
**Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.897 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.199 W/kg

**SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.022 mW/g**

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



0 dB = 0.170mW/g

**#48 802.11b\_Back 1cm\_1M\_Ch1\_2D**

**DUT: 270201-03**

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

Medium: MSL\_2450\_121219 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.933$  mho/m;  $\epsilon_r =$

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

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

**Ch1/Area Scan (81x141x1):** Measurement grid: dx=12mm, dy=12mm

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

**Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

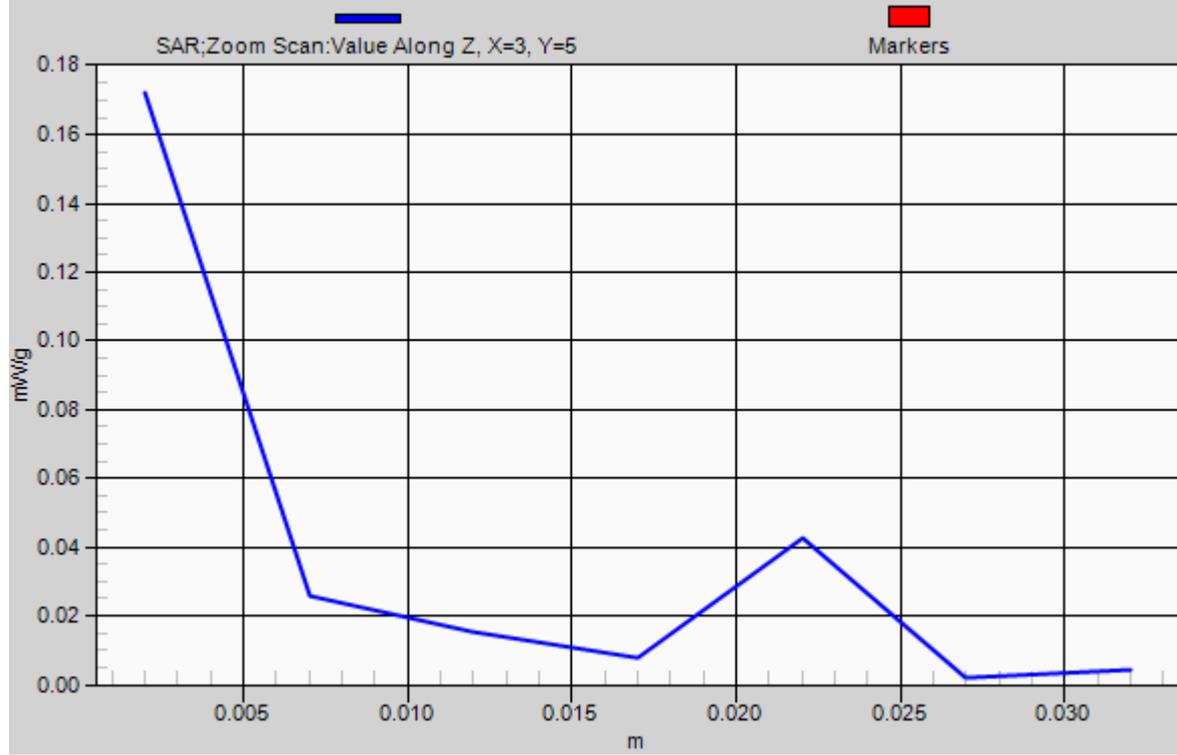
Reference Value = 2.897 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.199 W/kg

**SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.022 mW/g**

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

# 1g/10g Averaged SAR



**#49 802.11b\_Right Side 1cm\_1M\_Ch1**

**DUT: 270201-03**

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

Medium: MSL\_2450\_121219 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.933$  mho/m;  $\epsilon_r =$

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

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

**Ch1/Area Scan (41x141x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.068 mW/g

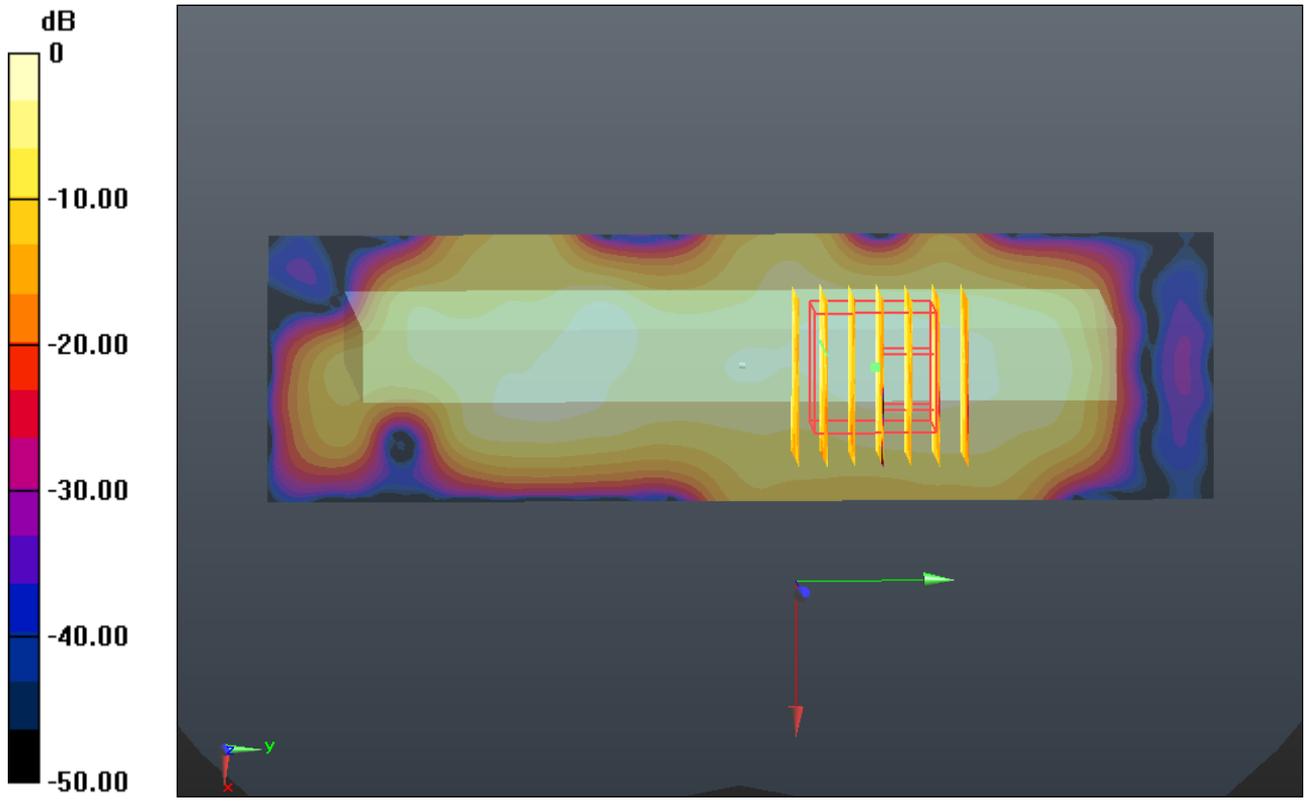
**Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.338 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.208 W/kg

**SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.016 mW/g**

Maximum value of SAR (measured) = 0.069 mW/g



0 dB = 0.070mW/g

**#17 CDMA2000 BC0\_RC3 SO32\_Back\_1cm\_Ch777**

**DUT: 270201-03**

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1  
Medium: MSL\_835\_121219 Medium parameters used:  $f = 848.31 \text{ MHz}$ ;  $\sigma = 0.994 \text{ mho/m}$ ;  $\epsilon_r = 54.336$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °C

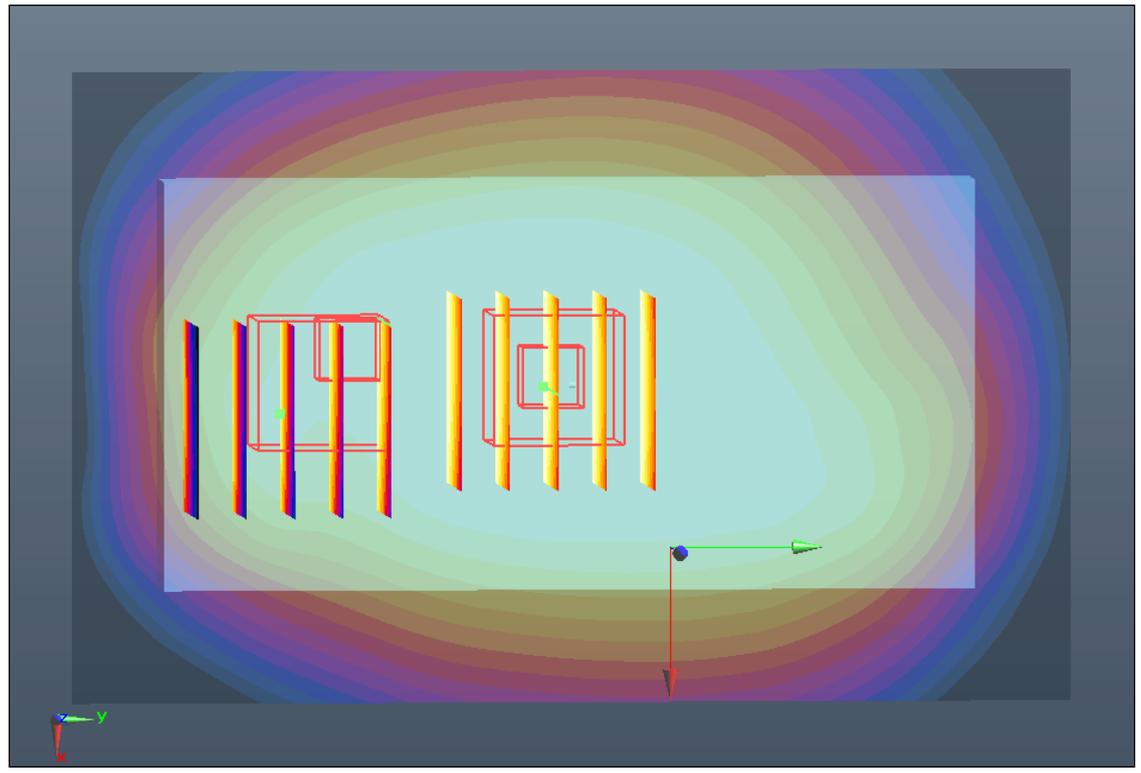
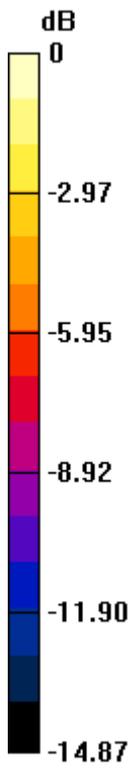
**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

**Ch777/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.646 mW/g

**Ch777/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 24.175 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 0.695 W/kg  
**SAR(1 g) = 0.557 mW/g; SAR(10 g) = 0.427 mW/g**  
Maximum value of SAR (measured) = 0.635 mW/g

**Ch777/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 24.175 V/m; Power Drift = 0.01 dB  
Peak SAR (extrapolated) = 0.599 W/kg  
**SAR(1 g) = 0.410 mW/g; SAR(10 g) = 0.255 mW/g**  
Maximum value of SAR (measured) = 0.535 mW/g



0 dB = 0.530mW/g

**#20 CDMA2000 BC0\_RTEAP 4096\_Back\_1cm\_Ch777**

**DUT: 270201-03**

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1  
Medium: MSL\_835\_121219 Medium parameters used:  $f = 848.31$  MHz;  $\sigma = 0.994$  mho/m;  $\epsilon_r = 54.336$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °C

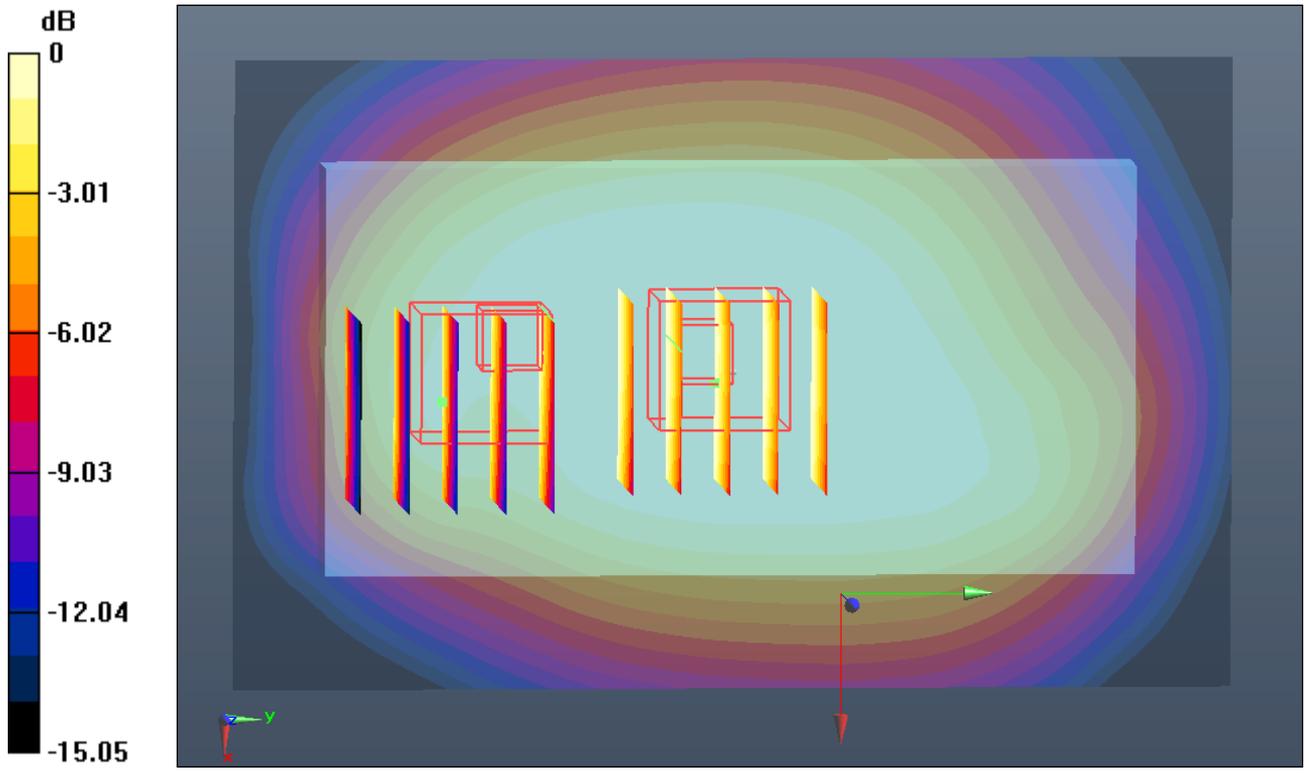
**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

**Ch777/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.630 mW/g

**Ch777/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 24.085 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 0.693 W/kg  
**SAR(1 g) = 0.551 mW/g; SAR(10 g) = 0.422 mW/g**  
Maximum value of SAR (measured) = 0.629 mW/g

**Ch777/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 24.085 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 0.592 W/kg  
**SAR(1 g) = 0.389 mW/g; SAR(10 g) = 0.243 mW/g**  
Maximum value of SAR (measured) = 0.531 mW/g



0 dB = 0.530mW/g

**#20 CDMA2000 BC0\_RTEAP 4096\_Back\_1cm\_Ch777\_2D**

**DUT: 270201-03**

Communication System: CDMA2000; Frequency: 848.31 MHz; Duty Cycle: 1:1  
Medium: MSL\_835\_121219 Medium parameters used:  $f = 848.31 \text{ MHz}$ ;  $\sigma = 0.994 \text{ mho/m}$ ;  $\epsilon_r = 54.336$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °C

**DASY5 Configuration:**

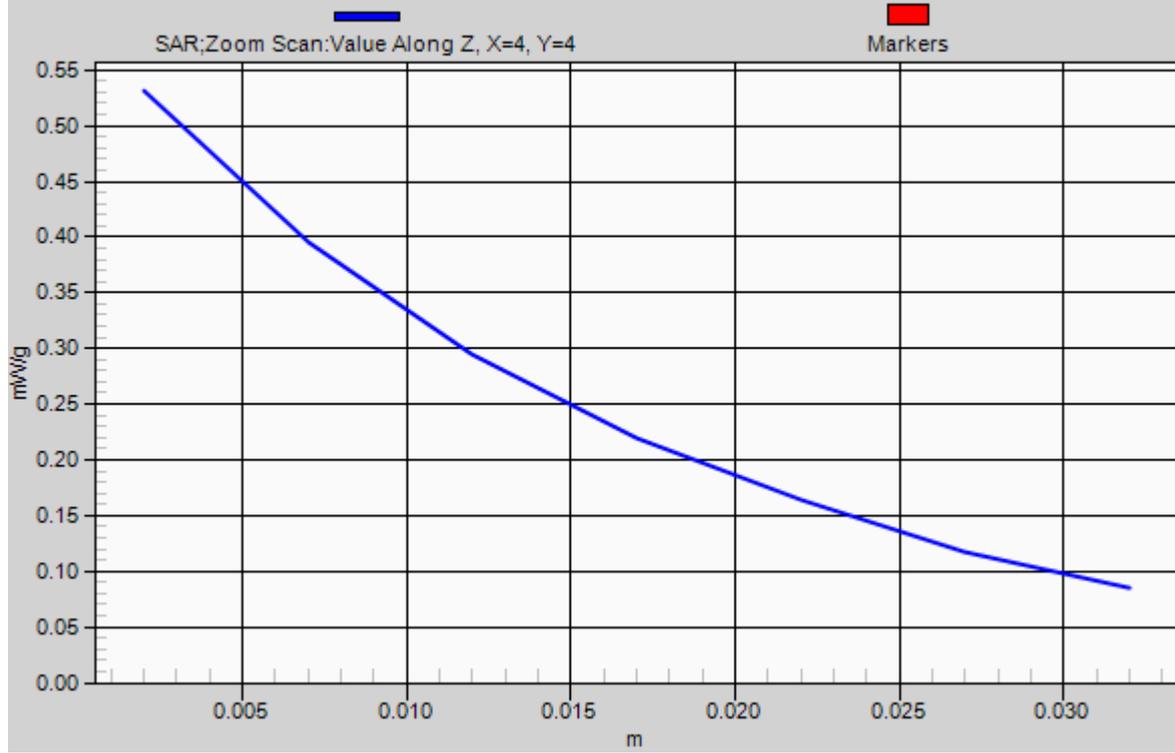
- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

**Ch777/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.630 mW/g

**Ch777/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 24.085 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 0.693 W/kg  
**SAR(1 g) = 0.551 mW/g; SAR(10 g) = 0.422 mW/g**  
Maximum value of SAR (measured) = 0.629 mW/g

**Ch777/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 24.085 V/m; Power Drift = 0.02 dB  
Peak SAR (extrapolated) = 0.592 W/kg  
**SAR(1 g) = 0.389 mW/g; SAR(10 g) = 0.243 mW/g**  
Maximum value of SAR (measured) = 0.531 mW/g

# 1g/10g Averaged SAR



**#24 CDMA2000 BC1\_RC3 SO32\_Back\_1cm\_Ch600**

**DUT: 270201-03**

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_121219 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.527$  mho/m;  $\epsilon_r =$

$53.305$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

**Ch600/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.994 mW/g

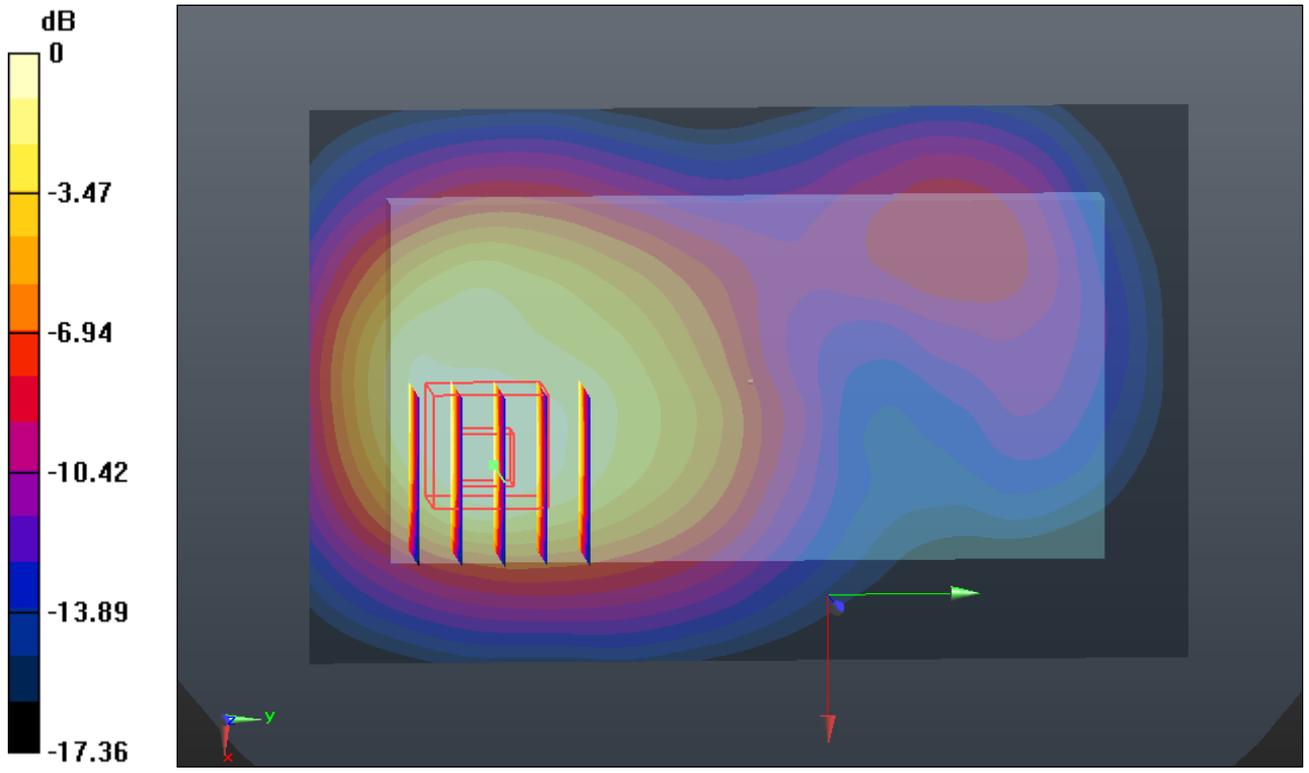
**Ch600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.287 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.224 W/kg

**SAR(1 g) = 0.718 mW/g; SAR(10 g) = 0.422 mW/g**

Maximum value of SAR (measured) = 0.975 mW/g



0 dB = 0.980mW/g

**#24 CDMA2000 BC1\_RC3 SO32\_Back\_1cm\_Ch600\_2D**

**DUT: 270201-03**

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_121219 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.527$  mho/m;  $\epsilon_r =$

$53.305$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

**Ch600/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.994 mW/g

**Ch600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

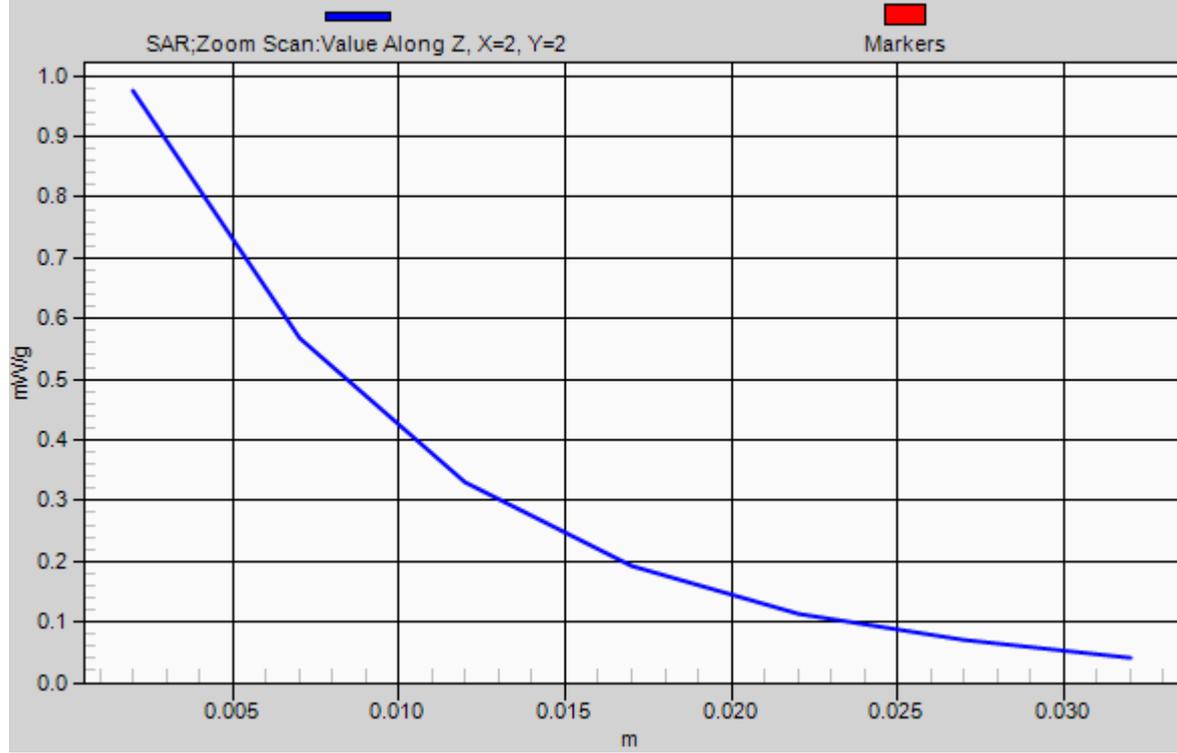
Reference Value = 10.287 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.224 W/kg

**SAR(1 g) = 0.718 mW/g; SAR(10 g) = 0.422 mW/g**

Maximum value of SAR (measured) = 0.975 mW/g

# 1g/10g Averaged SAR



**#51 CDMA2000 BC1\_RC3 SO32\_Back\_1cm\_Ch600**

**DUT: 270201-03**

Communication System: CDMA2000; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_121219 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.527$  mho/m;  $\epsilon_r =$

$53.305$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

**Ch600/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.220 mW/g

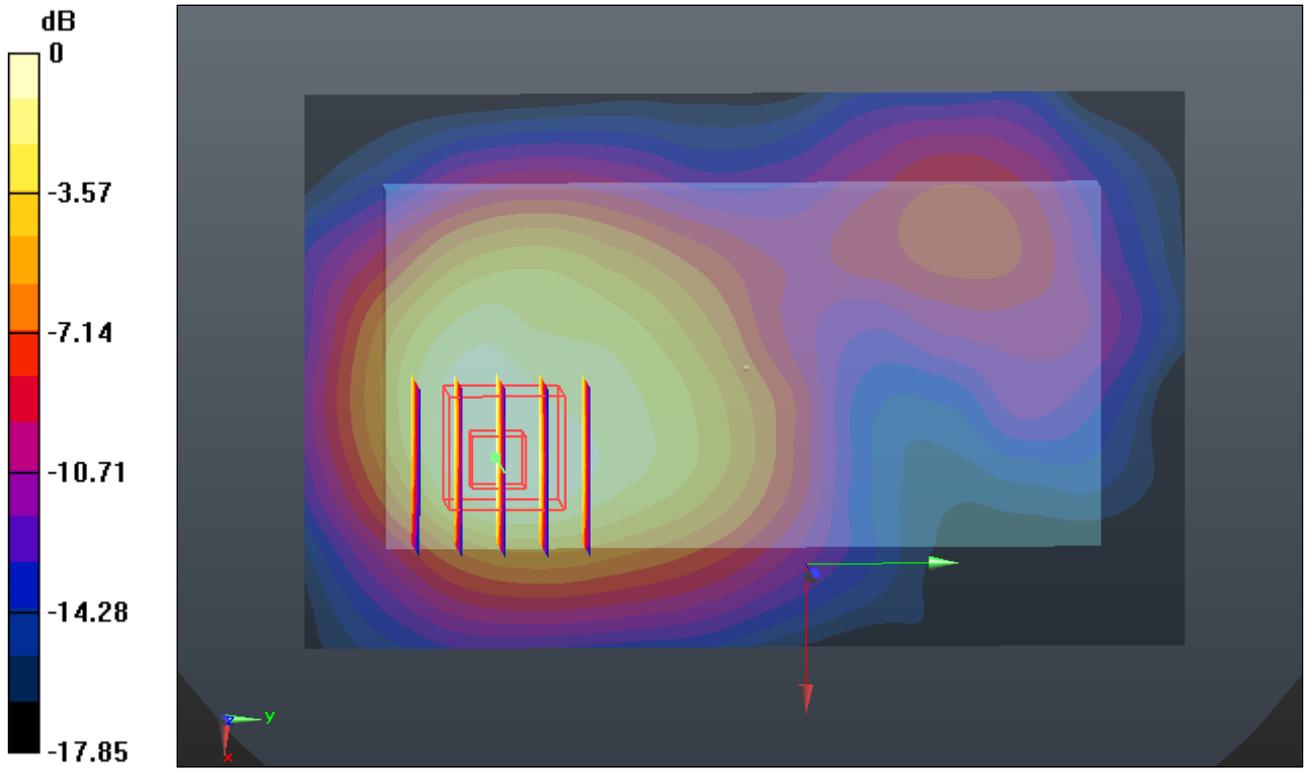
**Ch600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.996 V/m; Power Drift = 0.27 dB

Peak SAR (extrapolated) = 0.248 W/kg

**SAR(1 g) = 0.147 mW/g; SAR(10 g) = 0.087 mW/g**

Maximum value of SAR (measured) = 0.198 mW/g



0 dB = 0.200mW/g

**#25 CDMA2000 BC1\_RC3 SO32\_Back\_1cm\_Ch25**

**DUT: 270201-03**

Communication System: CDMA2000; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_121219 Medium parameters used:  $f = 1851.25$  MHz;  $\sigma = 1.493$  mho/m;  $\epsilon_r =$

$53.366$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

**Ch25/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.954 mW/g

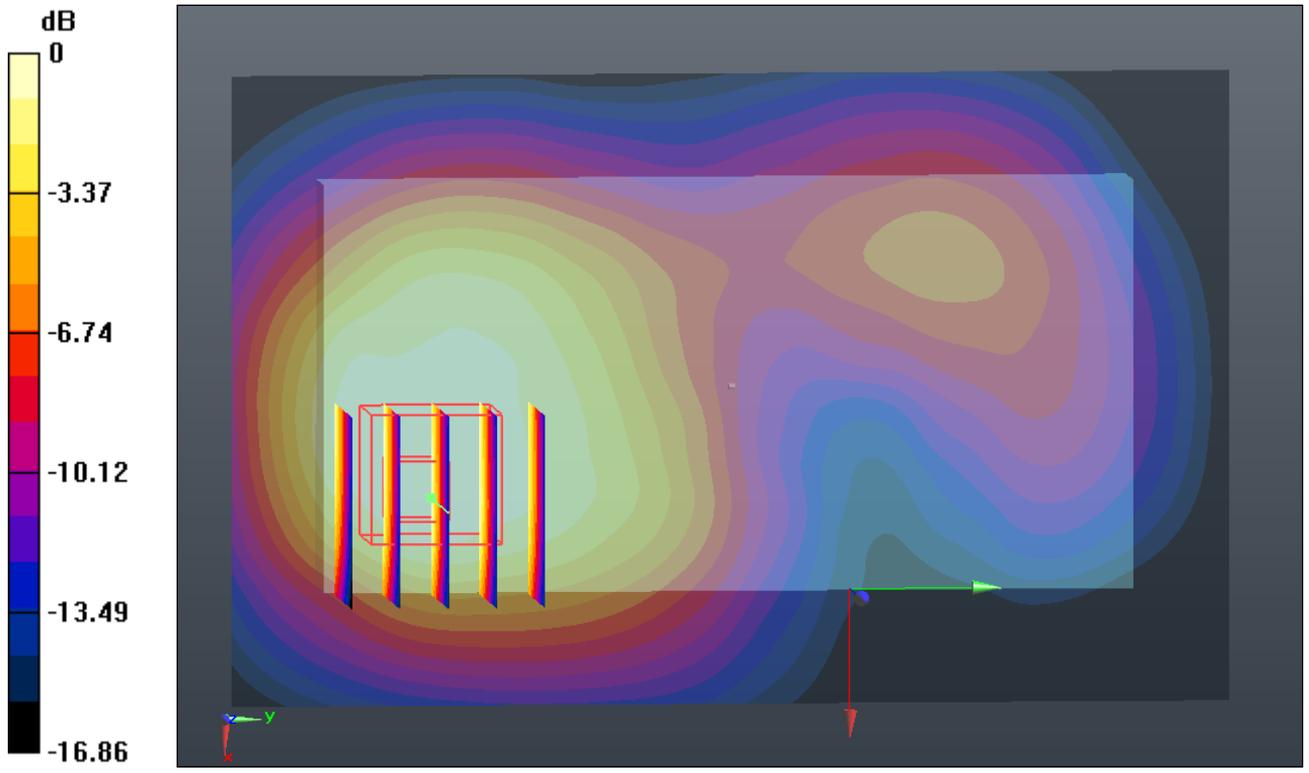
**Ch25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.298 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.106 W/kg

**SAR(1 g) = 0.661 mW/g; SAR(10 g) = 0.402 mW/g**

Maximum value of SAR (measured) = 0.886 mW/g



0 dB = 0.890mW/g

**#26 CDMA2000 BC1\_RC3 SO32\_Back\_1cm\_Ch1175**

**DUT: 270201-03**

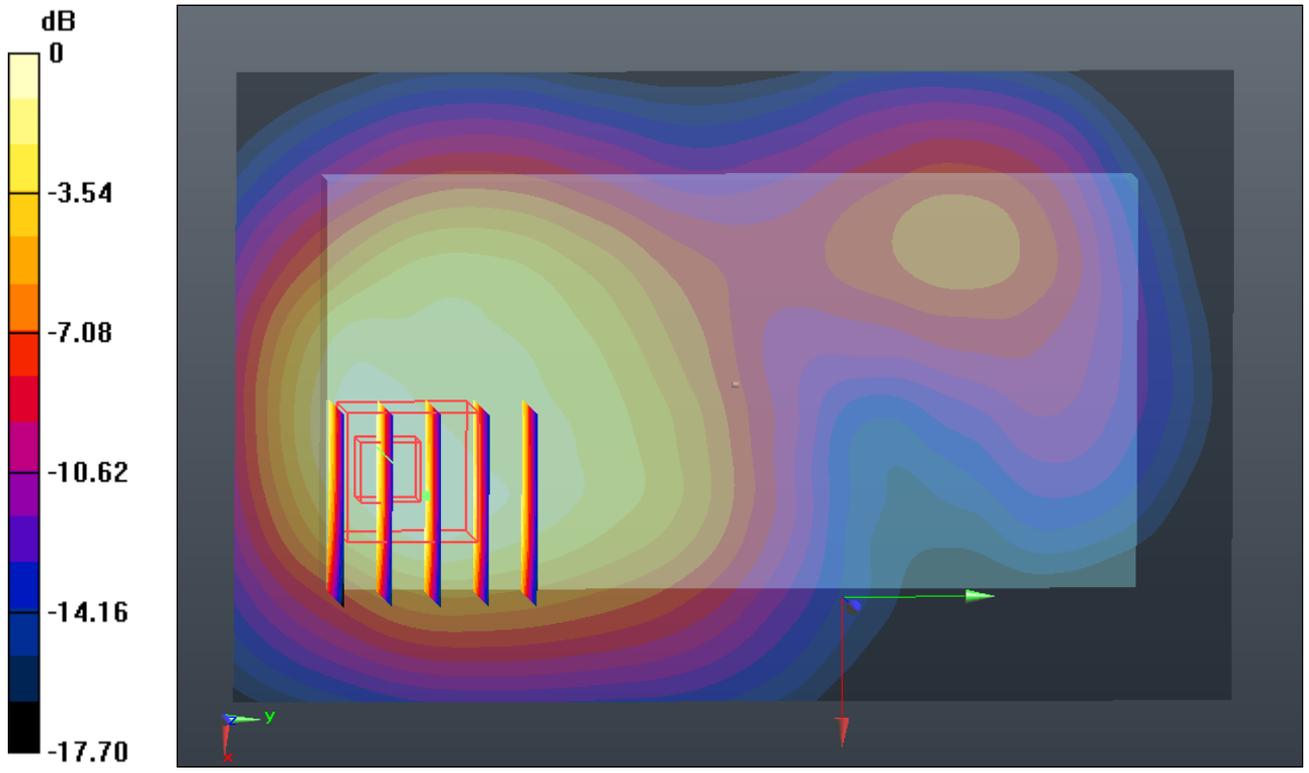
Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_121219 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.561$  mho/m;  $\epsilon_r = 53.225$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 21.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

**Ch1175/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.894 mW/g

**Ch1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 8.975 V/m; Power Drift = -0.07 dB  
Peak SAR (extrapolated) = 1.092 W/kg  
**SAR(1 g) = 0.644 mW/g; SAR(10 g) = 0.373 mW/g**  
Maximum value of SAR (measured) = 0.883 mW/g



0 dB = 0.880mW/g

**#27 CDMA2000 BC1\_RTAP 4096\_Back\_1cm\_Ch1175**

**DUT: 270201-03**

Communication System: CDMA2000; Frequency: 1908.75 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900\_121219 Medium parameters used:  $f = 1909$  MHz;  $\sigma = 1.561$  mho/m;  $\epsilon_r = 53.225$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

**Ch1175/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.865 mW/g

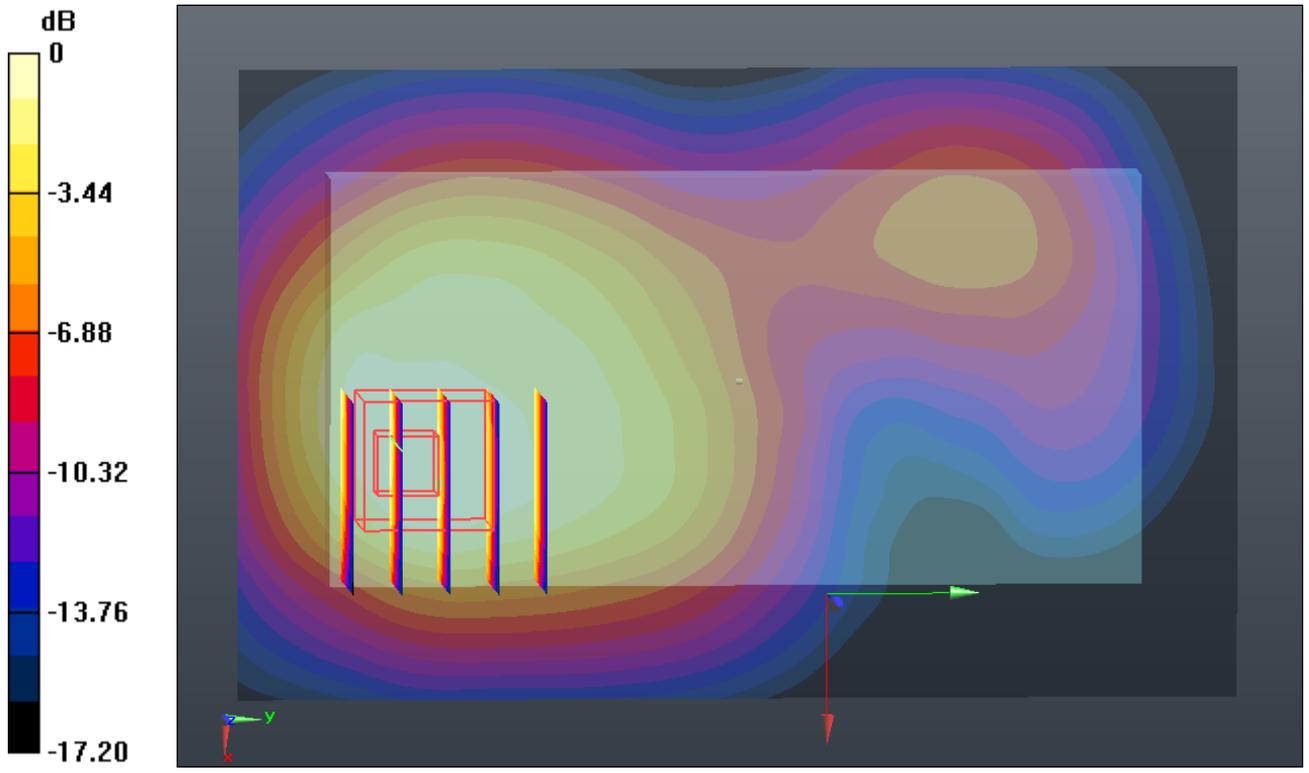
**Ch1175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.231 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.041 W/kg

**SAR(1 g) = 0.616 mW/g; SAR(10 g) = 0.362 mW/g**

Maximum value of SAR (measured) = 0.826 mW/g



0 dB = 0.830mW/g

**#34 CDMA2000 BC10\_RC3 SO32\_Back\_1cm\_Ch476**

**DUT: 270201-03**

Communication System: CDMA2000; Frequency: 817.9 MHz; Duty Cycle: 1:1

Medium: MSL\_835\_121219 Medium parameters used:  $f = 817.9$  MHz;  $\sigma = 0.963$  mho/m;  $\epsilon_r =$

$54.641$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

**Ch476/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.744 mW/g

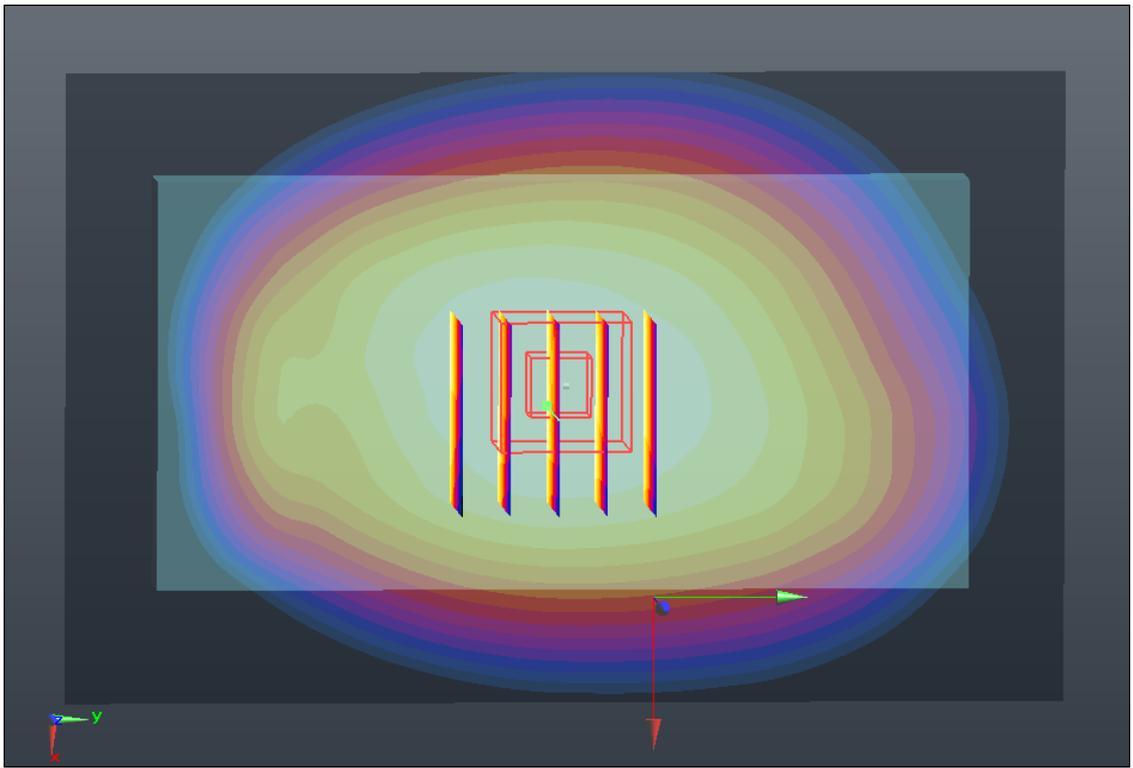
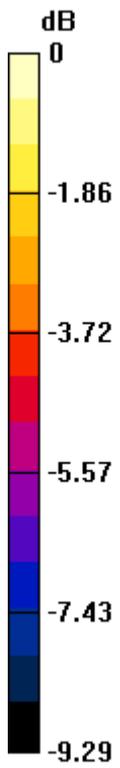
**Ch476/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.577 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.808 W/kg

**SAR(1 g) = 0.647 mW/g; SAR(10 g) = 0.498 mW/g**

Maximum value of SAR (measured) = 0.737 mW/g



0 dB = 0.740mW/g

**#35 CDMA2000 BC10\_RTEAP 4096\_Back\_1cm\_Ch476**

**DUT: 270201-03**

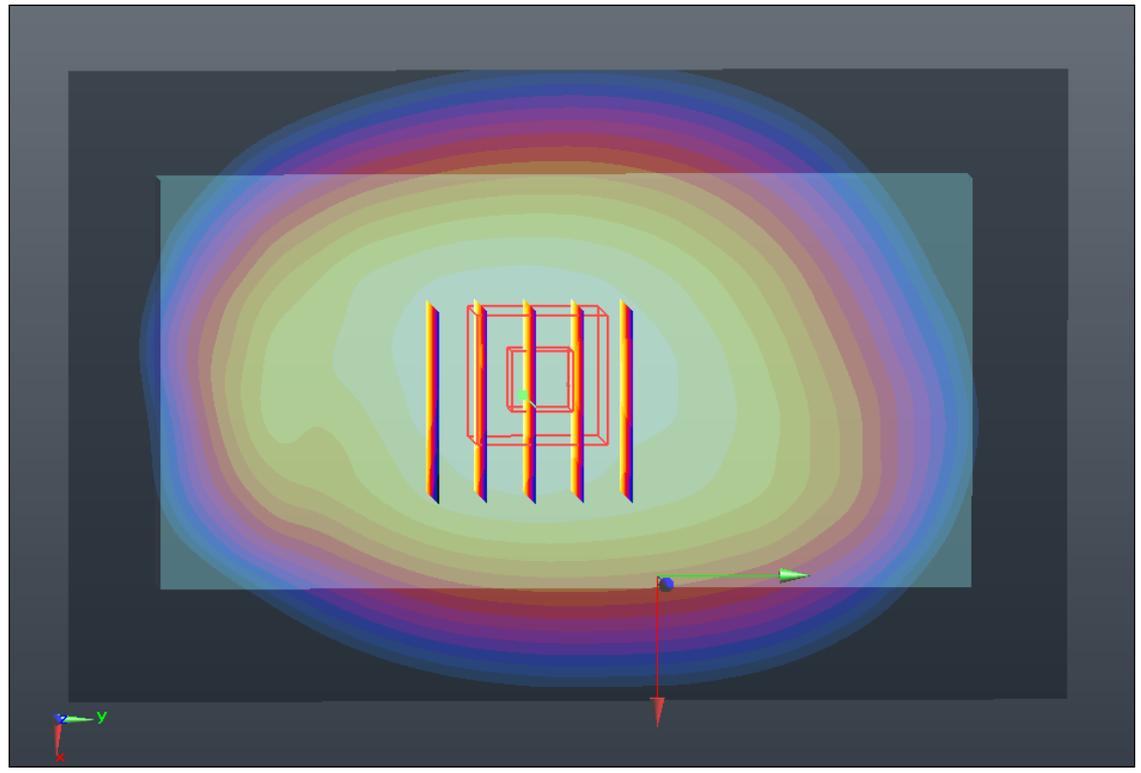
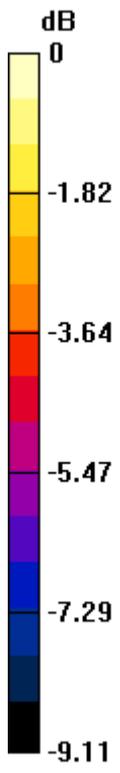
Communication System: CDMA2000; Frequency: 817.9 MHz; Duty Cycle: 1:1  
Medium: MSL\_835\_121219 Medium parameters used:  $f = 817.9$  MHz;  $\sigma = 0.963$  mho/m;  $\epsilon_r = 54.641$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

**Ch476/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.772 mW/g

**Ch476/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 26.900 V/m; Power Drift = -0.01 dB  
Peak SAR (extrapolated) = 0.838 W/kg  
**SAR(1 g) = 0.670 mW/g; SAR(10 g) = 0.514 mW/g**  
Maximum value of SAR (measured) = 0.765 mW/g



0 dB = 0.760mW/g

**#35 CDMA2000 BC10\_RTEAP 4096\_Back\_1cm\_Ch476\_2D**

**DUT: 270201-03**

Communication System: CDMA2000; Frequency: 817.9 MHz; Duty Cycle: 1:1  
Medium: MSL\_835\_121219 Medium parameters used:  $f = 817.9$  MHz;  $\sigma = 0.963$  mho/m;  $\epsilon_r = 54.641$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C ; Liquid Temperature : 21.2 °C

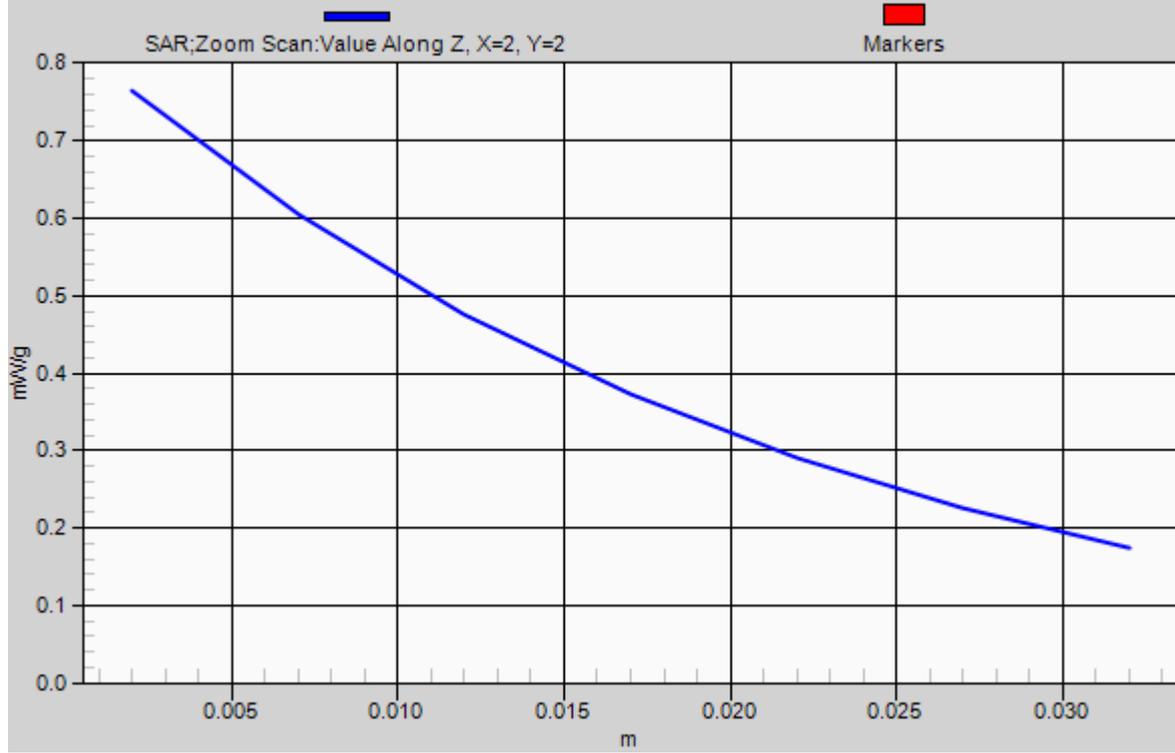
**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(8.98, 8.98, 8.98); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

**Ch476/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (interpolated) = 0.772 mW/g

**Ch476/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 26.900 V/m; Power Drift = -0.01 dB  
Peak SAR (extrapolated) = 0.838 W/kg  
**SAR(1 g) = 0.670 mW/g; SAR(10 g) = 0.514 mW/g**  
Maximum value of SAR (measured) = 0.765 mW/g

# 1g/10g Averaged SAR



**#37 LTE Band 25\_QPSK(1 49)\_10M\_Back\_Ch26365\_Headset**

**DUT: 270201-03**

Communication System: LTE; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_121219 Medium parameters used:  $f = 1882.5$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r =$

$53.301$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

**Ch26365/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.335 mW/g

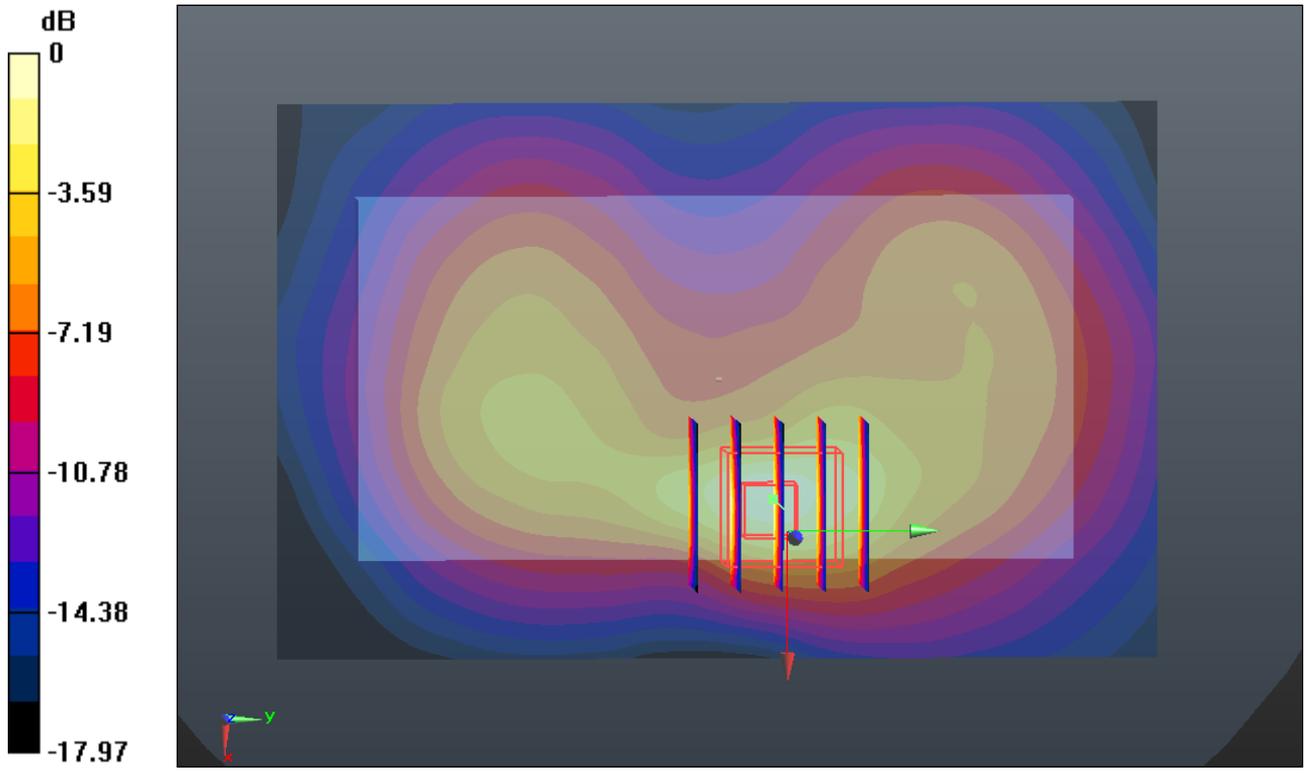
**Ch26365/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.154 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.871 W/kg

**SAR(1 g) = 0.978 mW/g; SAR(10 g) = 0.474 mW/g**

Maximum value of SAR (measured) = 1.417 mW/g



0 dB = 1.420mW/g

**#38 LTE Band 25\_QPSK(1 49)\_10M\_Back\_Ch26090\_Headset**

**DUT: 270201-03**

Communication System: LTE; Frequency: 1855 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_121219 Medium parameters used:  $f = 1855$  MHz;  $\sigma = 1.497$  mho/m;  $\epsilon_r =$

$53.359$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

**Ch26090/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.466 mW/g

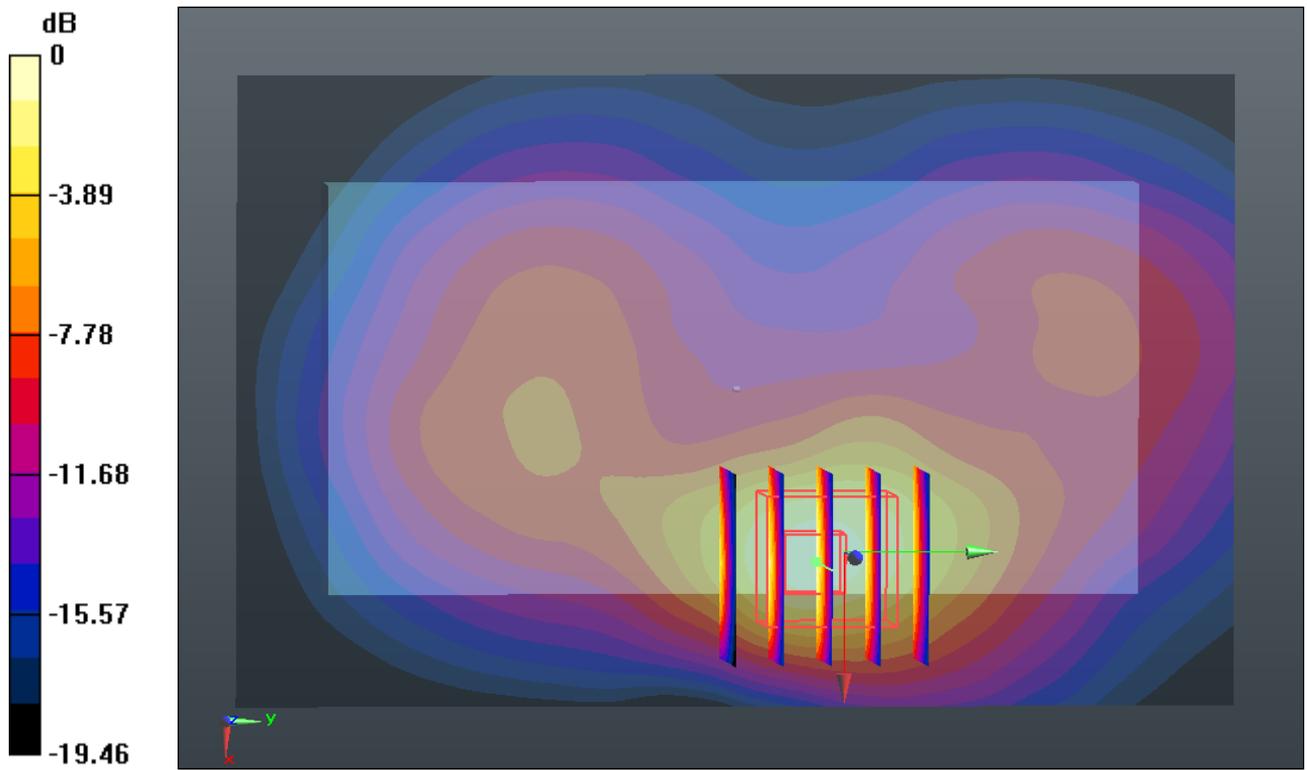
**Ch26090/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.218 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.041 W/kg

**SAR(1 g) = 1.110 mW/g; SAR(10 g) = 0.552 mW/g**

Maximum value of SAR (measured) = 1.602 mW/g



0 dB = 1.600mW/g

**#38 LTE Band 25\_QPSK(1 49)\_10M\_Back\_Ch26090\_Headset\_2D**

**DUT: 270201-03**

Communication System: LTE; Frequency: 1855 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_121219 Medium parameters used:  $f = 1855$  MHz;  $\sigma = 1.497$  mho/m;  $\epsilon_r =$

$53.359$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

**Ch26090/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.466 mW/g

**Ch26090/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

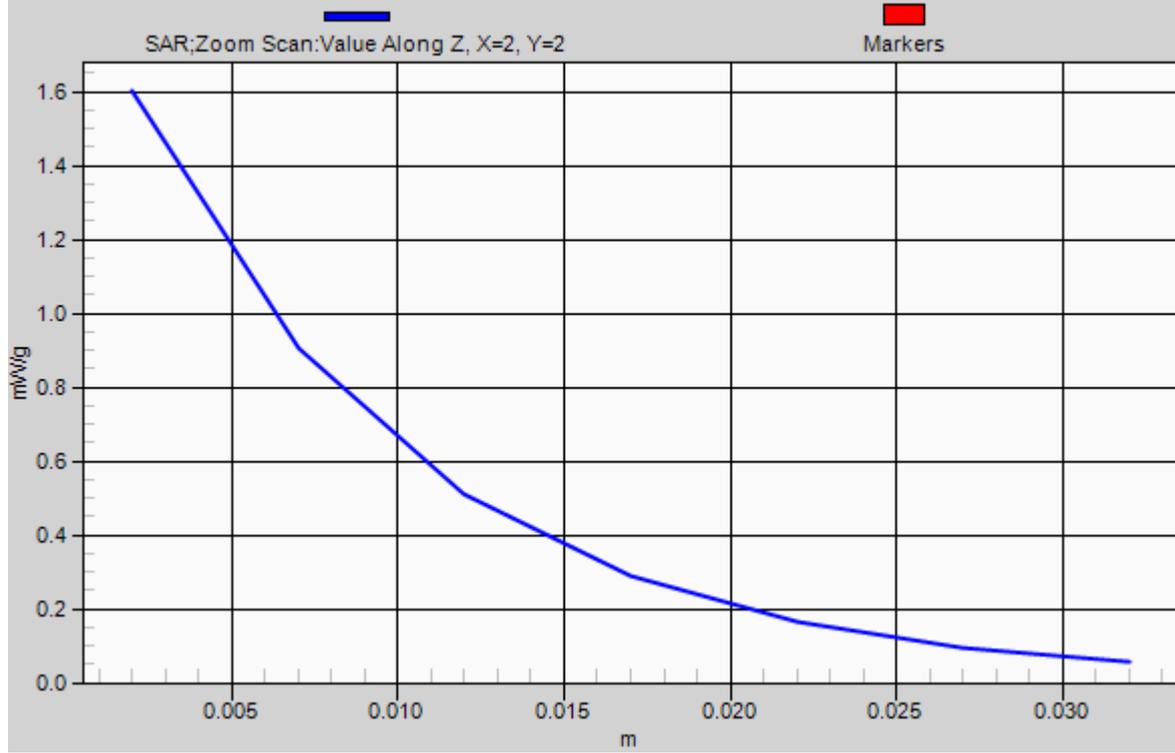
Reference Value = 9.218 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.041 W/kg

**SAR(1 g) = 1.110 mW/g; SAR(10 g) = 0.552 mW/g**

Maximum value of SAR (measured) = 1.602 mW/g

# 1g/10g Averaged SAR



**#54 LTE Band 25\_QPSK(1 49)\_10M\_Back\_Ch26090\_Headset\_Repeat**

**DUT: 270201-03**

Communication System: LTE; Frequency: 1855 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_121219 Medium parameters used:  $f = 1855$  MHz;  $\sigma = 1.497$  mho/m;  $\epsilon_r =$

$53.359$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

**Ch26090/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.371 mW/g

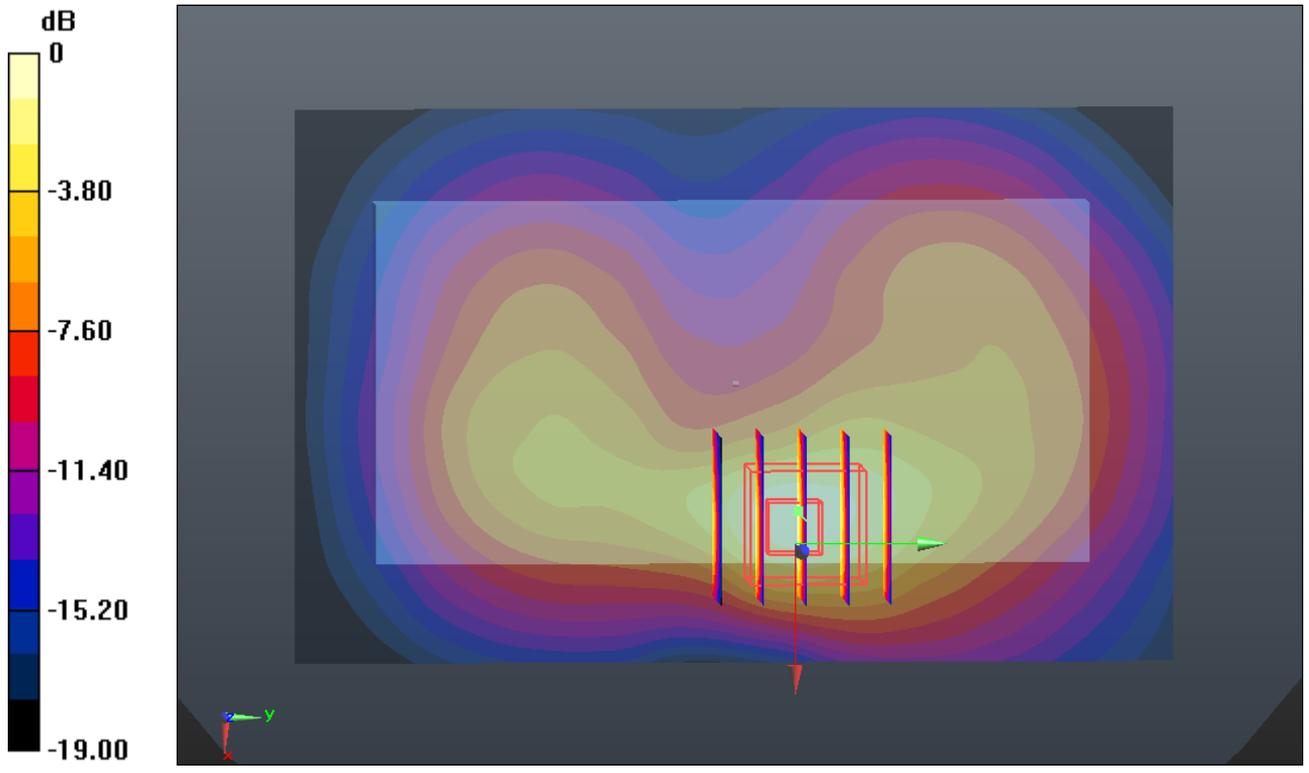
**Ch26090/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.541 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.962 W/kg

**SAR(1 g) = 1.080 mW/g; SAR(10 g) = 0.543 mW/g**

Maximum value of SAR (measured) = 1.454 mW/g



0 dB = 1.450mW/g

**#39 LTE Band 25\_QPSK(1 49)\_10M\_Back\_Ch26640\_Headset**

**DUT: 270201-03**

Communication System: LTE; Frequency: 1910 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_121219 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.562$  mho/m;  $\epsilon_r =$

$53.221$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.35, 7.35, 7.35); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM2; Type: SAM; Serial: TP-1477
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

**Ch26640/Area Scan (71x111x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.424 mW/g

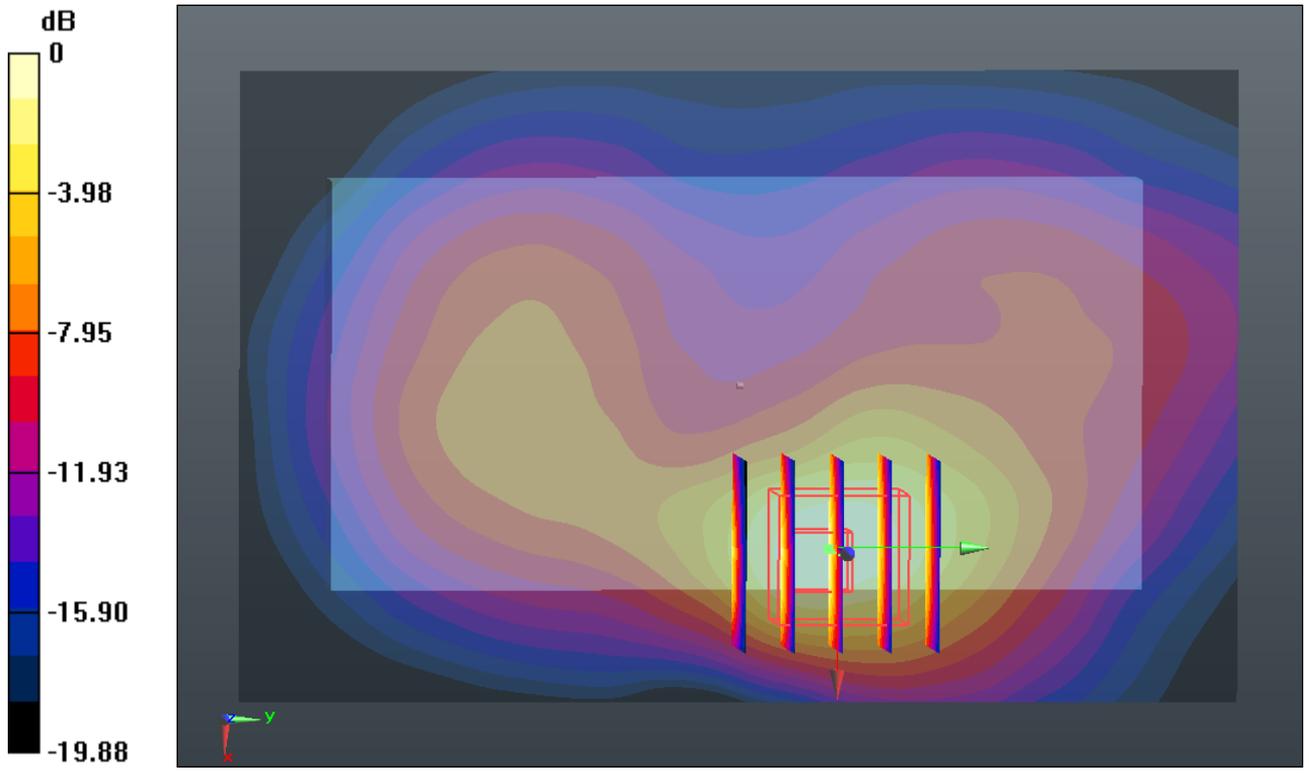
**Ch26640/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.524 V/m; Power Drift = -0.041 dB

Peak SAR (extrapolated) = 1.838 W/kg

**SAR(1 g) = 0.984 mW/g; SAR(10 g) = 0.490 mW/g**

Maximum value of SAR (measured) = 1.417 mW/g



0 dB = 1.420mW/g

**#50 802.11b\_Back 1cm\_1M\_Ch1\_Headset**

**DUT: 270201-03**

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

Medium: MSL\_2450\_121219 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.933$  mho/m;  $\epsilon_r =$

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

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(6.94, 6.94, 6.94); Calibrated: 2012-6-20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2012-11-15
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.4.5 (3634)

**Ch1/Area Scan (81x141x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.060 mW/g

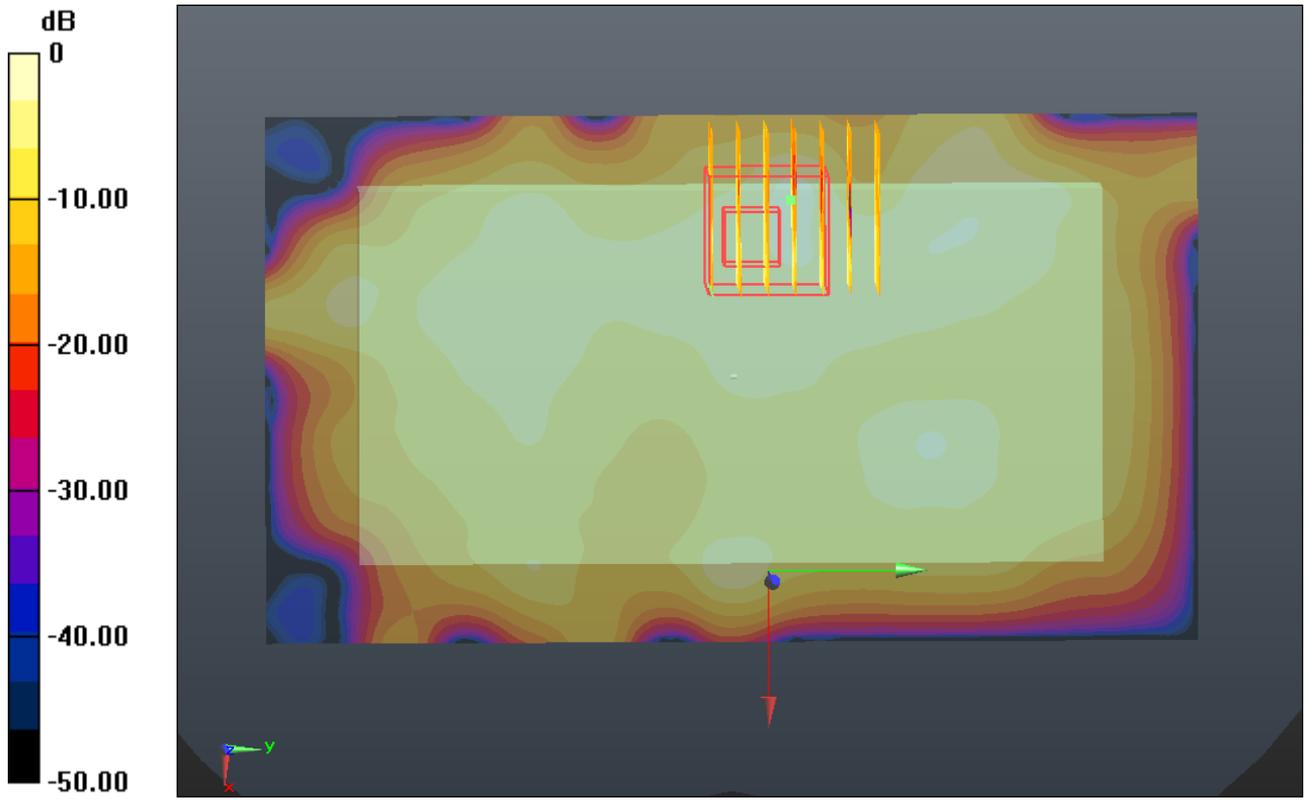
**Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.896 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.135 W/kg

**SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.018 mW/g**

Maximum value of SAR (measured) = 0.104 mW/g



0 dB = 0.100mW/g