

# #53 CDMA2000 BC0\_RC3+SO55\_Right Cheek\_Ch1013\_Battery1

**DUT: 161543**

Communication System: CDMA ; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_110626 Medium parameters used:  $f = 825 \text{ MHz}$ ;  $\sigma = 0.919 \text{ mho/m}$ ;  $\epsilon_r = 43.2$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(8.85, 8.85, 8.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1013/Area Scan (41x71x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.315 mW/g

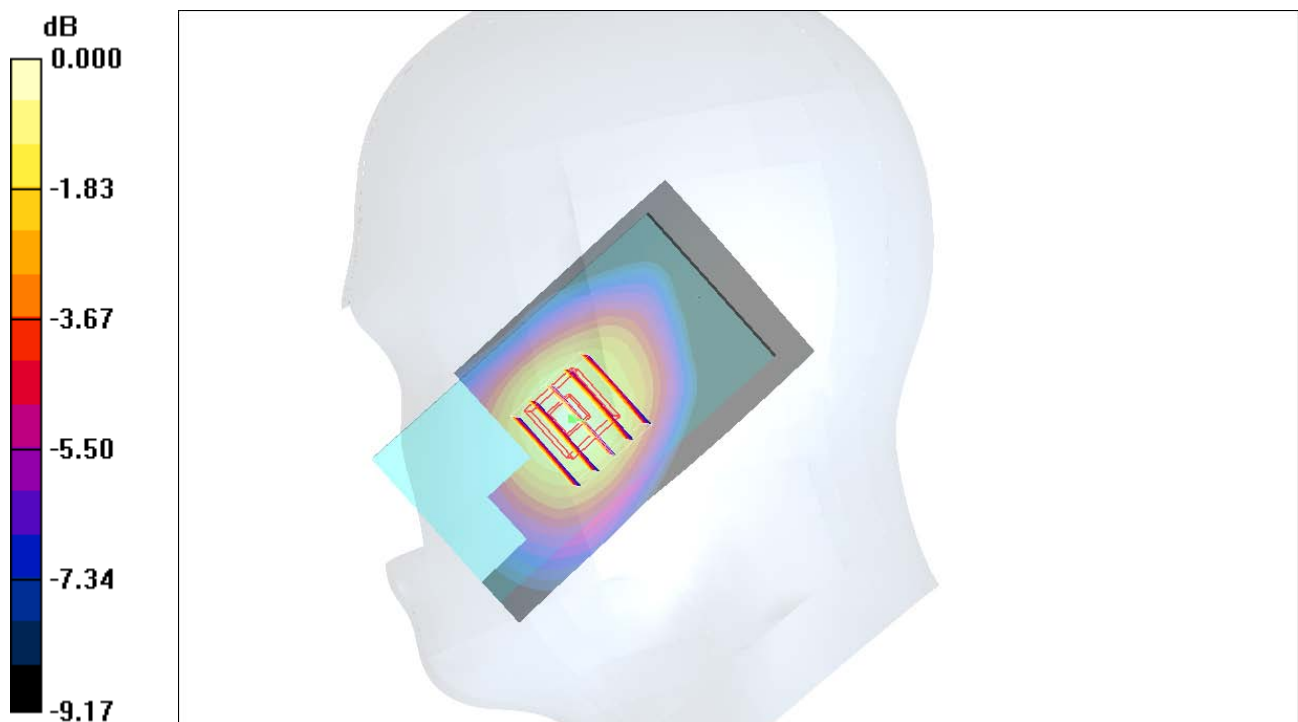
**Ch1013/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 6.11 V/m; Power Drift = 0.042 dB

Peak SAR (extrapolated) = 0.403 W/kg

**SAR(1 g) = 0.337 mW/g; SAR(10 g) = 0.256 mW/g**

Maximum value of SAR (measured) = 0.354 mW/g



0 dB = 0.354mW/g

## #54 CDMA2000 BC0\_RC3+SO55\_Right Tilted\_Ch1013\_Battery1

**DUT: 161543**

Communication System: CDMA ; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_110626 Medium parameters used:  $f = 825 \text{ MHz}$ ;  $\sigma = 0.919 \text{ mho/m}$ ;  $\epsilon_r = 43.2$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(8.85, 8.85, 8.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1013/Area Scan (41x71x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) =  $0.208 \text{ mW/g}$

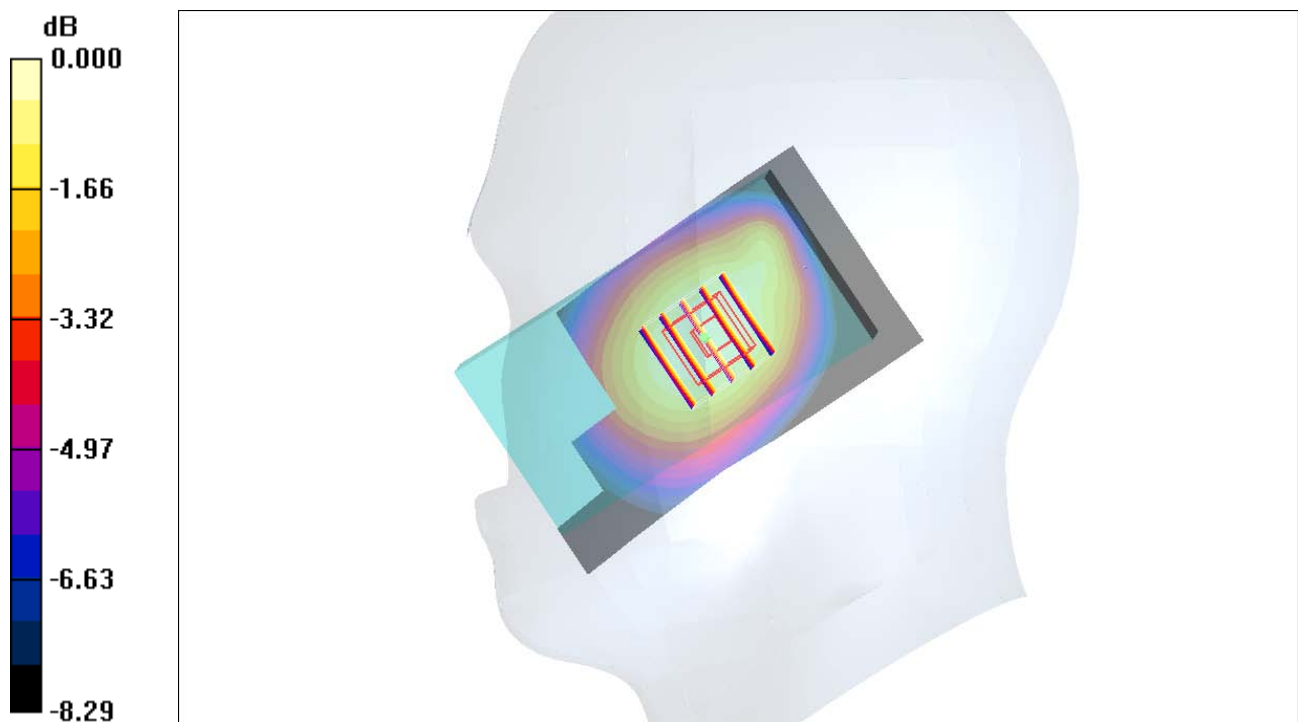
**Ch1013/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $9.14 \text{ V/m}$ ; Power Drift =  $-0.014 \text{ dB}$

Peak SAR (extrapolated) =  $0.234 \text{ W/kg}$

**SAR(1 g) =  $0.199 \text{ mW/g}$ ; SAR(10 g) =  $0.157 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.208 \text{ mW/g}$



0 dB =  $0.208\text{mW/g}$

## #55 CDMA2000 BC0\_RC3+SO55\_Left Cheek\_Ch1013\_Battery1

**DUT: 161543**

Communication System: CDMA ; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_110626 Medium parameters used:  $f = 825 \text{ MHz}$ ;  $\sigma = 0.919 \text{ mho/m}$ ;  $\epsilon_r = 43.2$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(8.85, 8.85, 8.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1013/Area Scan (41x71x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) =  $0.423 \text{ mW/g}$

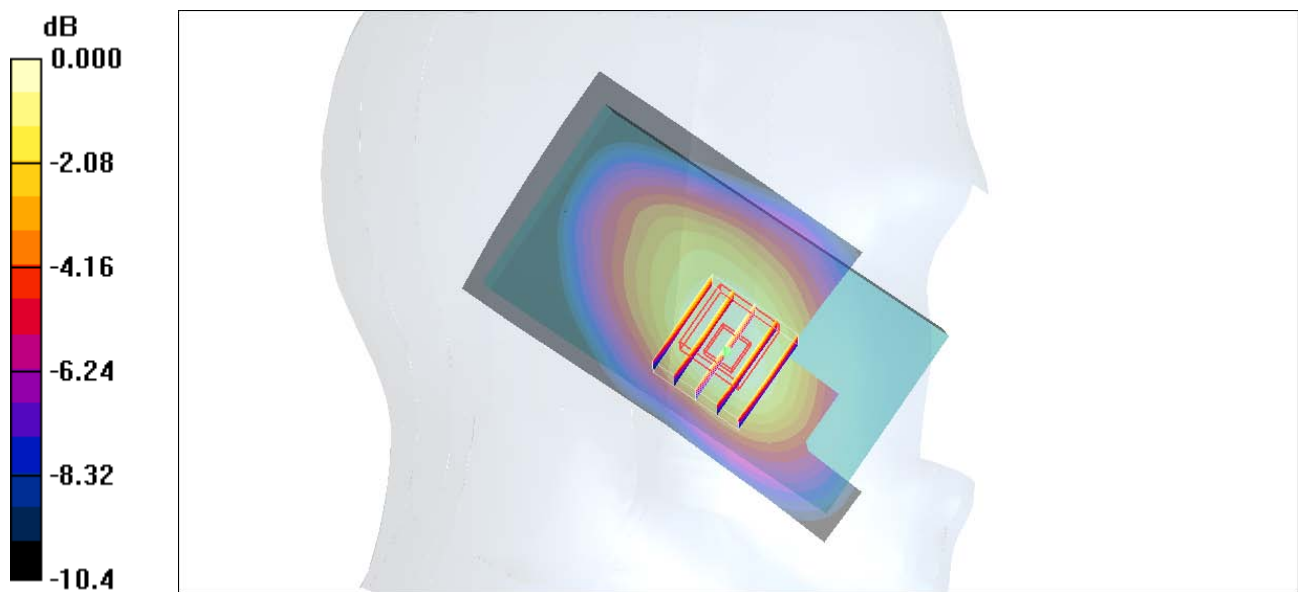
**Ch1013/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $8.76 \text{ V/m}$ ; Power Drift =  $0.004 \text{ dB}$

Peak SAR (extrapolated) =  $0.530 \text{ W/kg}$

**SAR(1 g) =  $0.388 \text{ mW/g}$ ; SAR(10 g) =  $0.285 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.409 \text{ mW/g}$



0 dB =  $0.409\text{mW/g}$

## #55 CDMA2000 BC0\_RC3+SO55\_Left Cheek\_Ch1013\_Battery1\_2D

**DUT: 161543**

Communication System: CDMA ; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_110626 Medium parameters used:  $f = 825 \text{ MHz}$ ;  $\sigma = 0.919 \text{ mho/m}$ ;  $\epsilon_r = 43.2$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(8.85, 8.85, 8.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1013/Area Scan (41x71x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) =  $0.423 \text{ mW/g}$

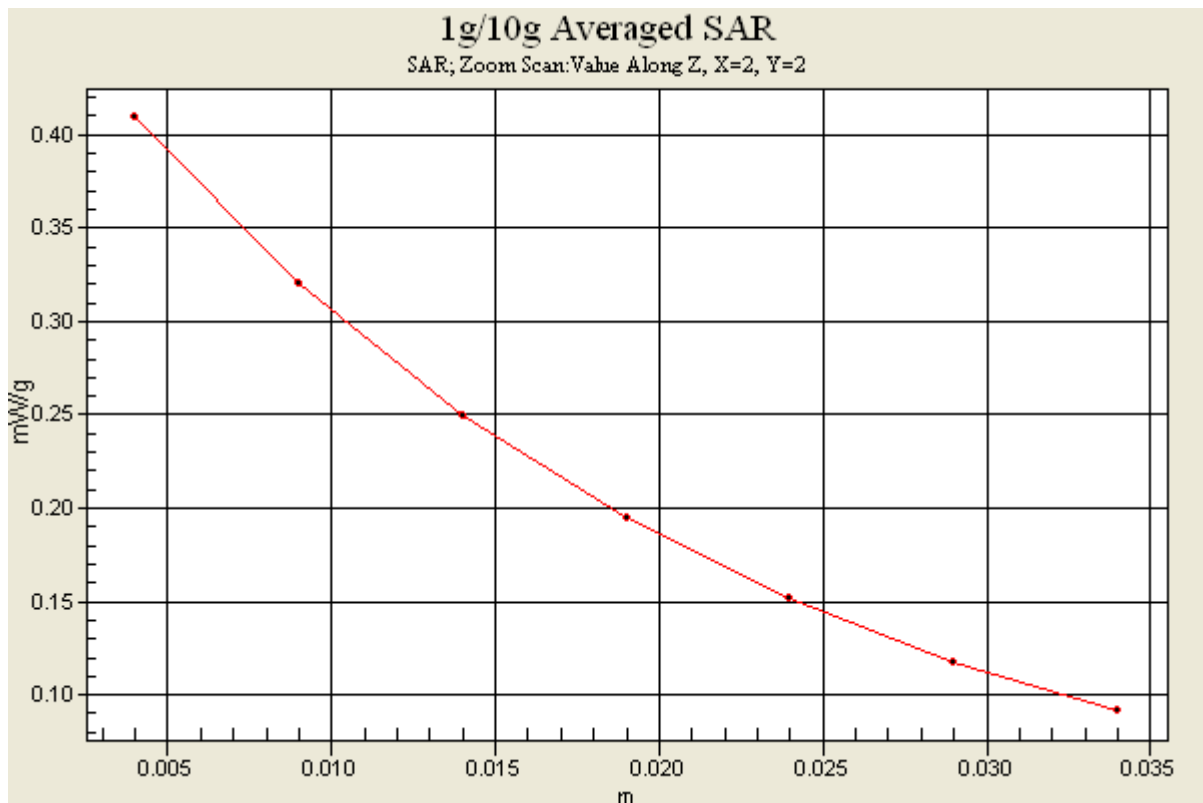
**Ch1013/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $8.76 \text{ V/m}$ ; Power Drift =  $0.004 \text{ dB}$

Peak SAR (extrapolated) =  $0.530 \text{ W/kg}$

**SAR(1 g) =  $0.388 \text{ mW/g}$ ; SAR(10 g) =  $0.285 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.409 \text{ mW/g}$



## #56 CDMA2000 BC0\_RC3+SO55\_Left Tilted\_Ch1013\_Battery1

**DUT: 161543**

Communication System: CDMA ; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_110626 Medium parameters used:  $f = 825 \text{ MHz}$ ;  $\sigma = 0.919 \text{ mho/m}$ ;  $\epsilon_r = 43.2$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(8.85, 8.85, 8.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1013/Area Scan (41x71x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) =  $0.218 \text{ mW/g}$

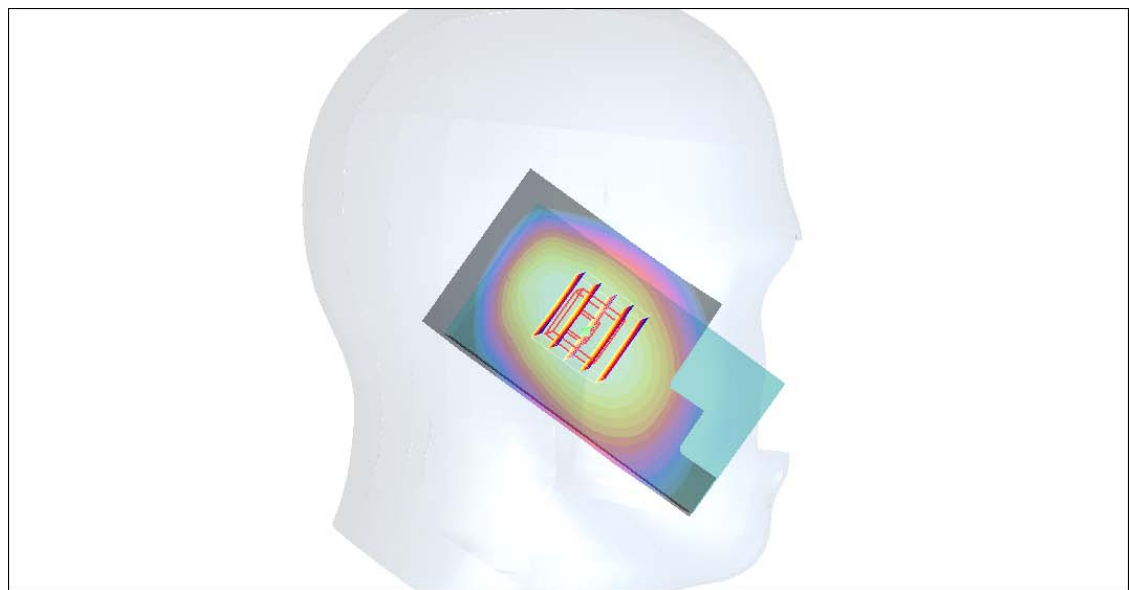
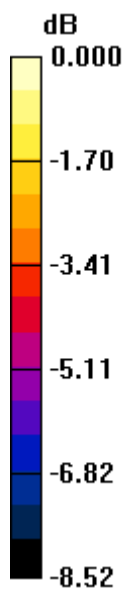
**Ch1013/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $10.7 \text{ V/m}$ ; Power Drift =  $-0.104 \text{ dB}$

Peak SAR (extrapolated) =  $0.223 \text{ W/kg}$

**SAR(1 g) =  $0.187 \text{ mW/g}$ ; SAR(10 g) =  $0.147 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.194 \text{ mW/g}$



0 dB =  $0.194\text{mW/g}$

**#57 CDMA2000 BC0\_RC3+SO55\_Left Cheek\_Ch1013\_Battery2**

**DUT: 161543**

Communication System: CDMA ; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_110701 Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.886$  mho/m;  $\epsilon_r = 41.2$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.6 ; Liquid Temperature : 21.6

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.71, 6.71, 6.71); Calibrated: 2011/5/20

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

- Electronics: DAE3 Sn495; Calibrated: 2011/4/28

- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383

- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch1013/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.351 mW/g

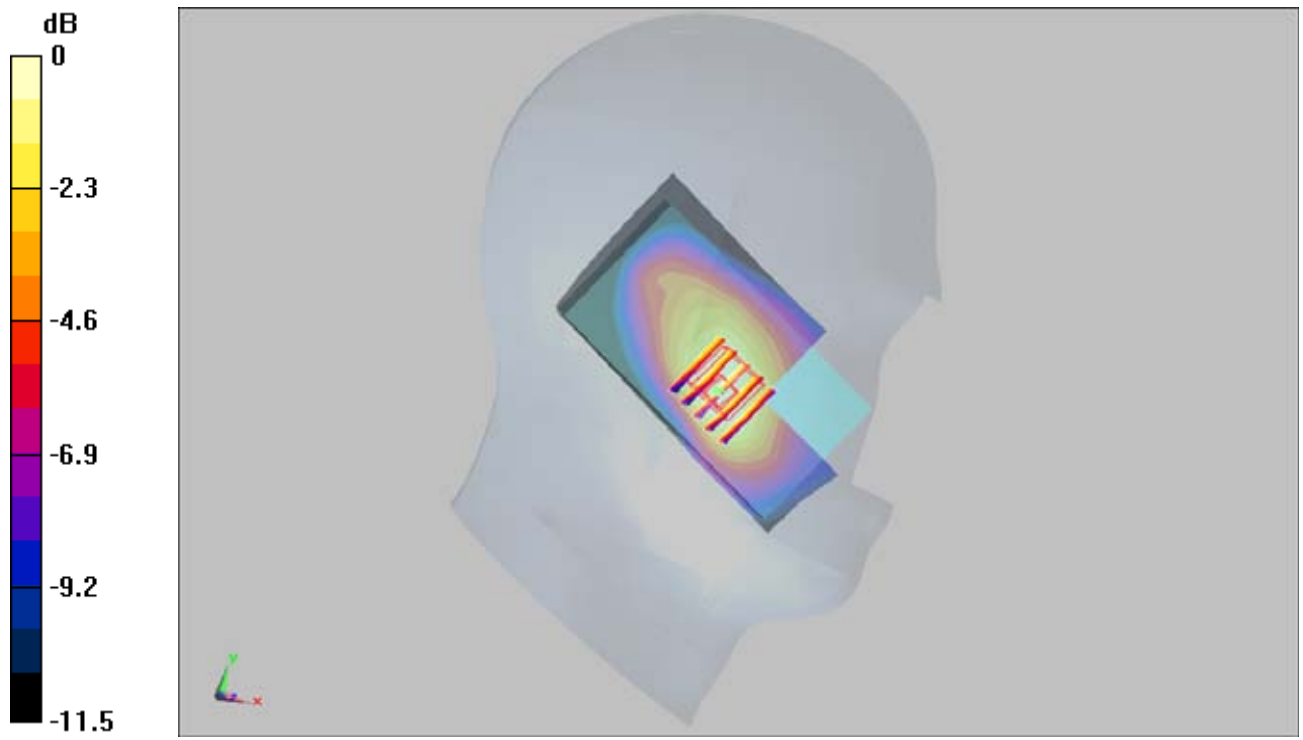
**Ch1013/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.13 V/m; Power Drift = -0.067 dB

Peak SAR (extrapolated) = 0.388 W/kg

**SAR(1 g) = 0.293 mW/g; SAR(10 g) = 0.211 mW/g**

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



0 dB = 0.308mW/g

## #58 CDMA2000 BC0\_RTAP 153.6\_Front Face\_1cm\_Ch384\_Battery1

**DUT: 161543**

Communication System: CDMA ; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_110626 Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.965$  mho/m;  $\epsilon_r = 54.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.7 °C ; Liquid Temperature : 21.7 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(8.84, 8.84, 8.84); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch384/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.553 mW/g

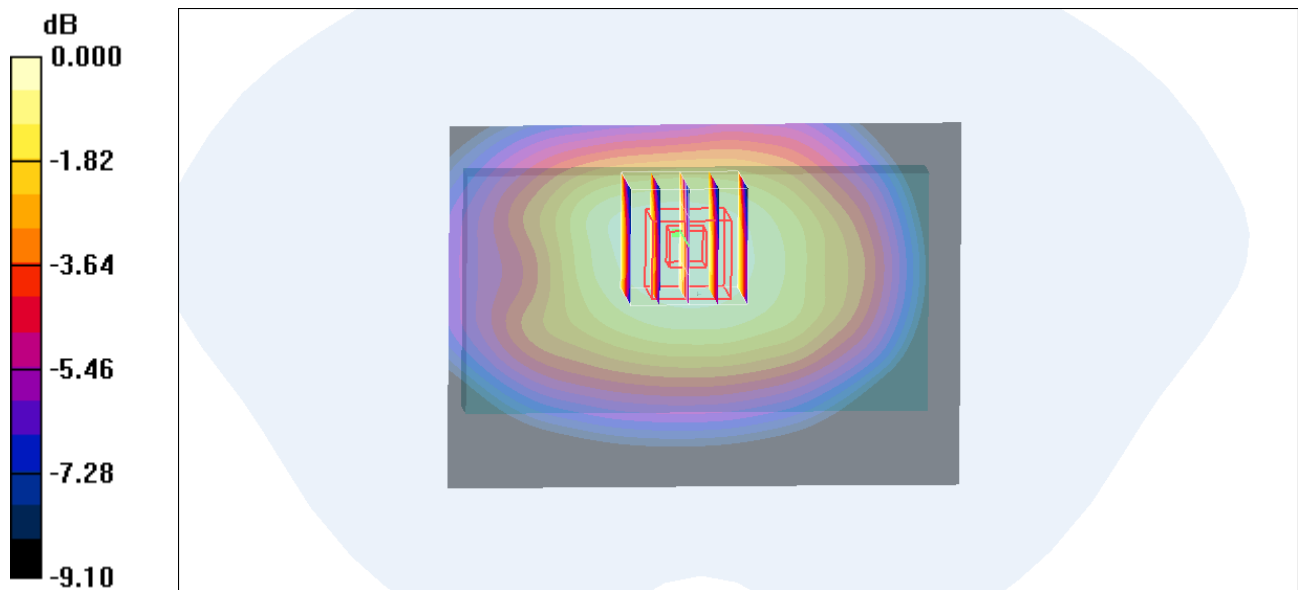
**Ch384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.2 V/m; Power Drift = -0.037 dB

Peak SAR (extrapolated) = 0.654 W/kg

**SAR(1 g) = 0.525 mW/g; SAR(10 g) = 0.402 mW/g**

Maximum value of SAR (measured) = 0.547 mW/g



0 dB = 0.547mW/g



## #59 CDMA2000 BC0\_RTAP 153.6\_Rear Face\_1cm\_Ch384\_Battery1

**DUT: 161543**

Communication System: CDMA ; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_110626 Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.965$  mho/m;  $\epsilon_r = 54.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.7 °C ; Liquid Temperature : 21.7 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(8.84, 8.84, 8.84); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch384/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.984 mW/g

**Ch384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.0 V/m; Power Drift = -0.102 dB

Peak SAR (extrapolated) = 1.17 W/kg

**SAR(1 g) = 0.949 mW/g; SAR(10 g) = 0.721 mW/g**

Maximum value of SAR (measured) = 1.00 mW/g

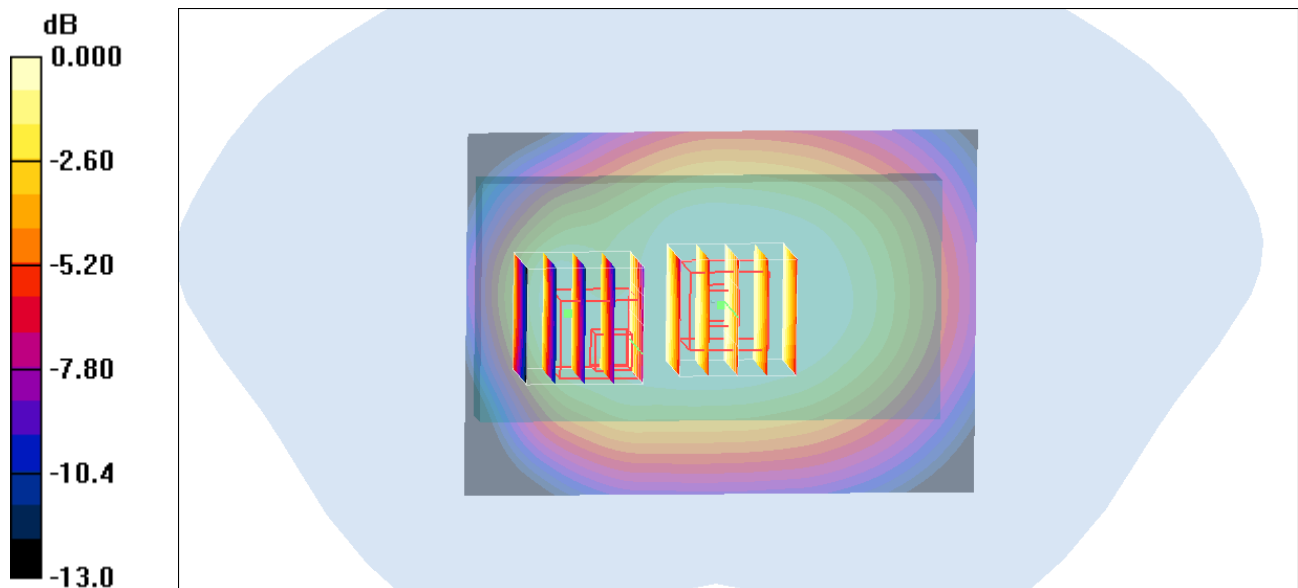
**Ch384/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.0 V/m; Power Drift = -0.102 dB

Peak SAR (extrapolated) = 0.947 W/kg

**SAR(1 g) = 0.612 mW/g; SAR(10 g) = 0.414 mW/g**

Maximum value of SAR (measured) = 0.743 mW/g



0 dB = 0.743mW/g

## #60 CDMA2000 BC0\_RTAP 153.6\_Left Side\_1cm\_Ch384\_Battery1

**DUT: 161543**

Communication System: CDMA ; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_110626 Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.965$  mho/m;  $\epsilon_r = 54.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.7 °C ; Liquid Temperature : 21.7 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(8.84, 8.84, 8.84); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch384/Area Scan (31x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.590 mW/g

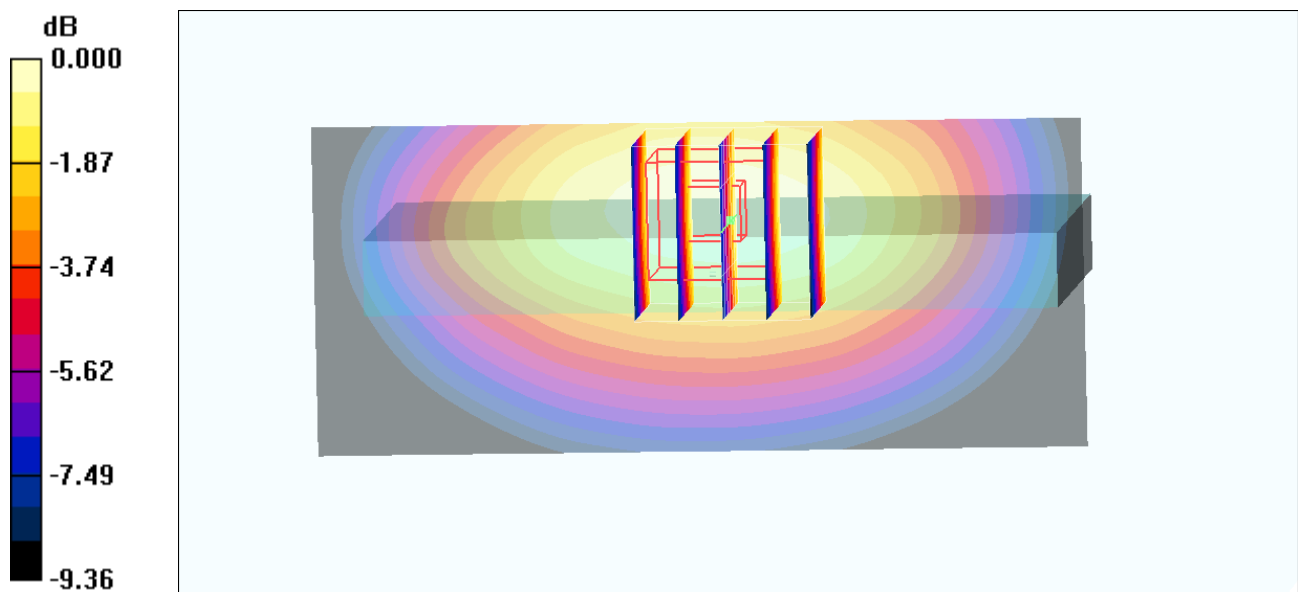
**Ch384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.6 V/m; Power Drift = -0.014 dB

Peak SAR (extrapolated) = 0.785 W/kg

**SAR(1 g) = 0.567 mW/g; SAR(10 g) = 0.398 mW/g**

Maximum value of SAR (measured) = 0.602 mW/g



0 dB = 0.602mW/g

## #61 CDMA2000 BC0\_RTAP 153.6\_Right Side\_1cm\_Ch384\_Battery1

**DUT: 161543**

Communication System: CDMA ; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_110626 Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.965$  mho/m;  $\epsilon_r = 54.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.7 °C ; Liquid Temperature : 21.7 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(8.84, 8.84, 8.84); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch384/Area Scan (31x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.416 mW/g

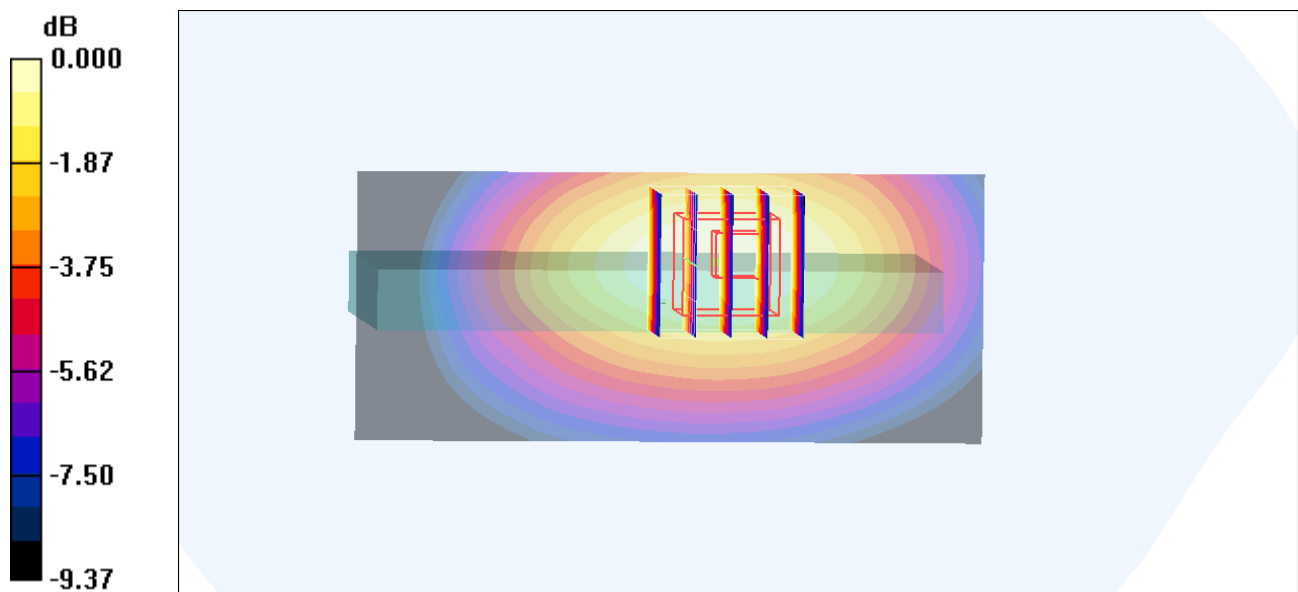
**Ch384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.9 V/m; Power Drift = -0.056 dB

Peak SAR (extrapolated) = 0.527 W/kg

**SAR(1 g) = 0.377 mW/g; SAR(10 g) = 0.270 mW/g**

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



0 dB = 0.400mW/g

## #62 CDMA2000 BC0\_RTAP 153.6\_Top Side\_1cm\_Ch384\_Battery1

**DUT: 161543**

Communication System: CDMA ; Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium: MSL\_850\_110626 Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.965$  mho/m;  $\epsilon_r = 54.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.7 °C ; Liquid Temperature : 21.7 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(8.84, 8.84, 8.84); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch384/Area Scan (41x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.024 mW/g

**Ch384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.52 V/m; Power Drift = -0.155 dB

Peak SAR (extrapolated) = 0.029 W/kg

**SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.017 mW/g**

Maximum value of SAR (measured) = 0.024 mW/g

**Ch384/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.52 V/m; Power Drift = -0.155 dB

Peak SAR (extrapolated) = 0.024 W/kg

**SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.015 mW/g**

Maximum value of SAR (measured) = 0.020 mW/g



## #63 CDMA2000 BC0\_RTAP 153.6\_Down Side\_1cm\_Ch384\_Battery1

**DUT: 161543**

Communication System: CDMA ; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_110626 Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.965$  mho/m;  $\epsilon_r = 54.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.7 °C ; Liquid Temperature : 21.7 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(8.84, 8.84, 8.84); Calibrated: 2010/9/20

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

- Electronics: DAE3 Sn495; Calibrated: 2011/4/28

- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303

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

**Ch384/Area Scan (41x51x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.239 mW/g

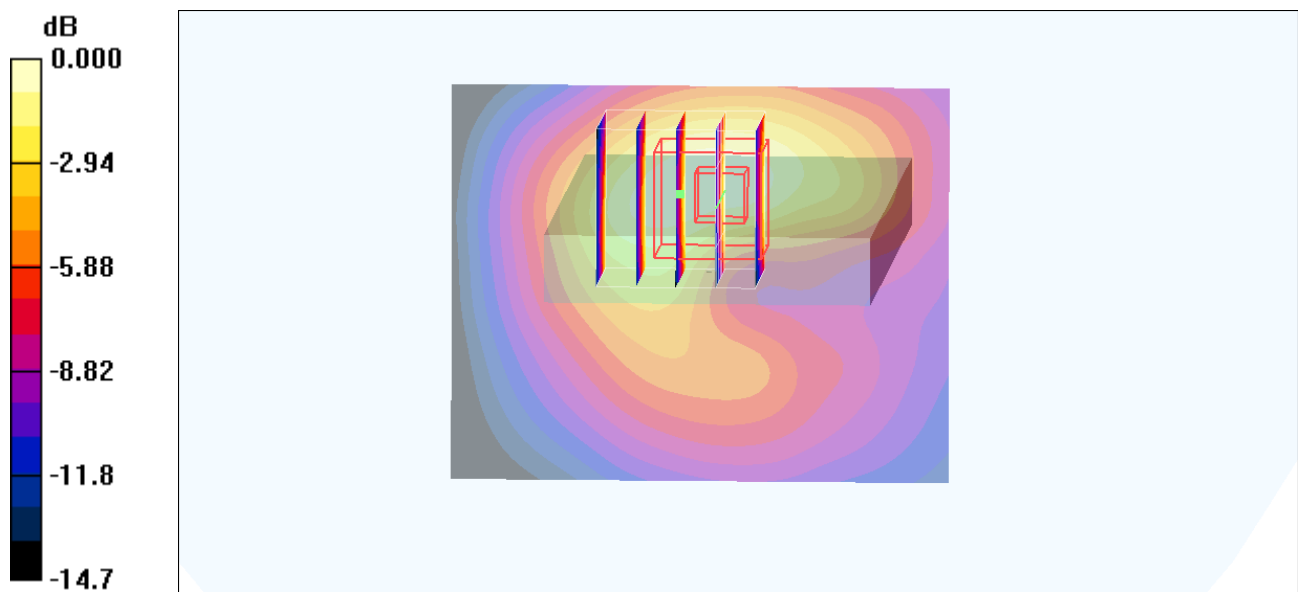
**Ch384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.58 V/m; Power Drift = 0.117 dB

Peak SAR (extrapolated) = 0.366 W/kg

**SAR(1 g) = 0.213 mW/g; SAR(10 g) = 0.120 mW/g**

Maximum value of SAR (measured) = 0.235 mW/g



0 dB = 0.235mW/g

# #64 CDMA2000 BC0\_RTAP 153.6\_Rear Face\_1cm\_Ch1013\_Battery1

**DUT: 161543**

Communication System: CDMA ; Frequency: 824.7 MHz;Duty Cycle: 1:1

Medium: MSL\_850\_110626 Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.954$  mho/m;  $\epsilon_r = 54.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.7 °C ; Liquid Temperature : 21.7 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(8.84, 8.84, 8.84); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1013/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.799 mW/g

**Ch1013/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.8 V/m; Power Drift = 0.002 dB

Peak SAR (extrapolated) = 0.948 W/kg

**SAR(1 g) = 0.763 mW/g; SAR(10 g) = 0.580 mW/g**

Maximum value of SAR (measured) = 0.794 mW/g

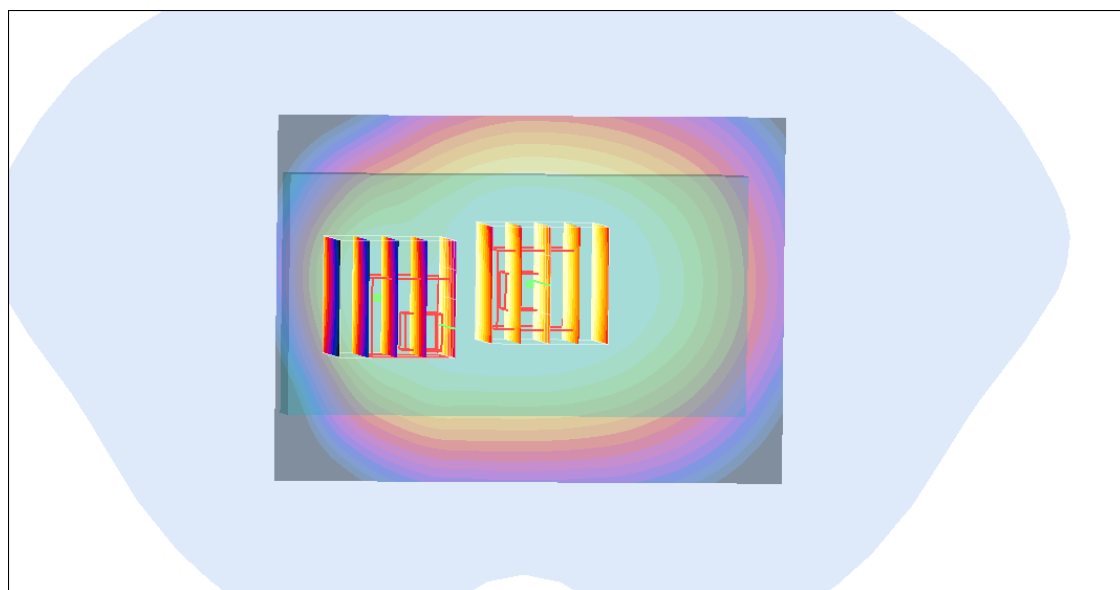
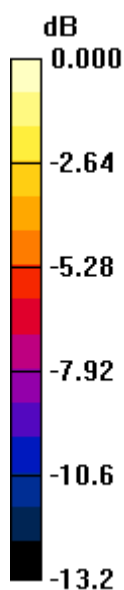
**Ch1013/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.8 V/m; Power Drift = 0.002 dB

Peak SAR (extrapolated) = 0.722 W/kg

**SAR(1 g) = 0.492 mW/g; SAR(10 g) = 0.335 mW/g**

Maximum value of SAR (measured) = 0.594 mW/g



0 dB = 0.594mW/g

## #65 CDMA2000 BC0\_RTAP 153.6\_Rear Face\_1cm\_Ch777\_Battery1

**DUT: 161543**

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

Medium: MSL\_850\_110626 Medium parameters used :  $f = 848.31$  MHz;  $\sigma = 0.976$  mho/m;  $\epsilon_r = 54.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.7 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(8.84, 8.84, 8.84); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch777/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.07 mW/g

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

Reference Value = 32.9 V/m; Power Drift = -0.004 dB

Peak SAR (extrapolated) = 1.29 W/kg

**SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.772 mW/g**

Maximum value of SAR (measured) = 1.07 mW/g

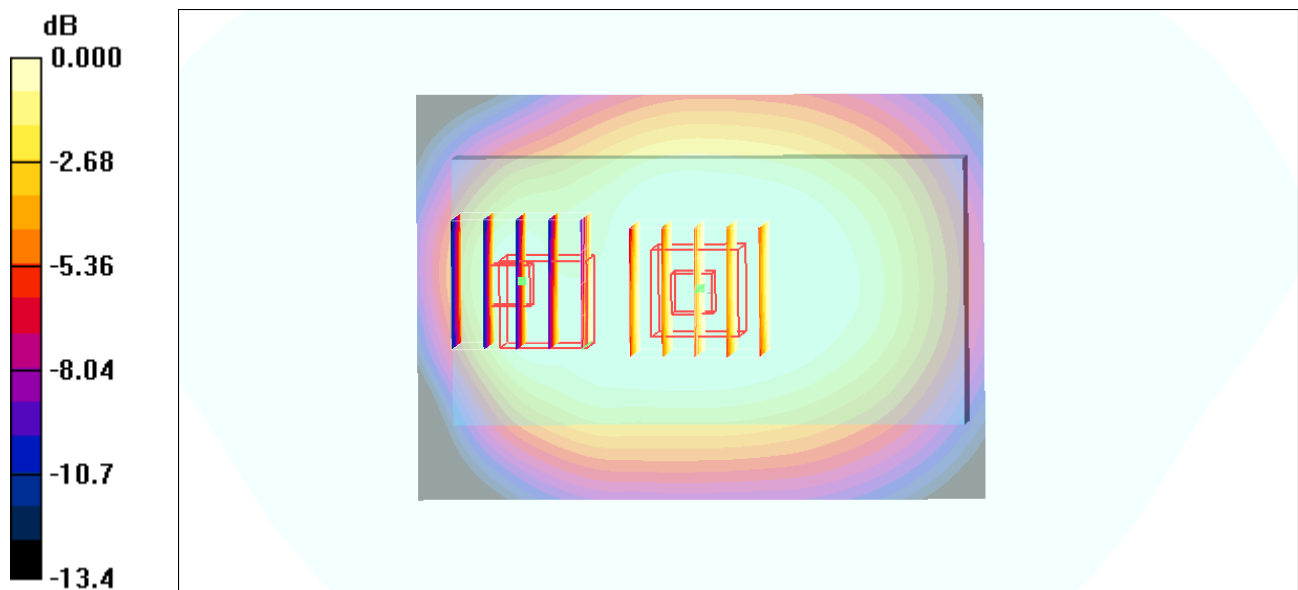
**Ch777/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.9 V/m; Power Drift = -0.004 dB

Peak SAR (extrapolated) = 1.09 W/kg

**SAR(1 g) = 0.633 mW/g; SAR(10 g) = 0.415 mW/g**

Maximum value of SAR (measured) = 0.743 mW/g



0 dB = 0.743mW/g

**#65 CDMA2000 BC0\_RTAP 153.6\_Rear Face\_1cm\_Ch777\_Battery1\_2D****DUT: 161543**

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

Medium: MSL\_850\_110626 Medium parameters used :  $f = 848.31$  MHz;  $\sigma = 0.976$  mho/m;  $\epsilon_r = 54.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.7 °C; Liquid Temperature : 21.7 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(8.84, 8.84, 8.84); Calibrated: 2010/9/20

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

- Electronics: DAE3 Sn495; Calibrated: 2011/4/28

- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303

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

**Ch777/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.07 mW/g

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

Reference Value = 32.9 V/m; Power Drift = -0.004 dB

Peak SAR (extrapolated) = 1.29 W/kg

**SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.772 mW/g**

Maximum value of SAR (measured) = 1.07 mW/g

**Ch777/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.9 V/m; Power Drift = -0.004 dB

Peak SAR (extrapolated) = 1.09 W/kg

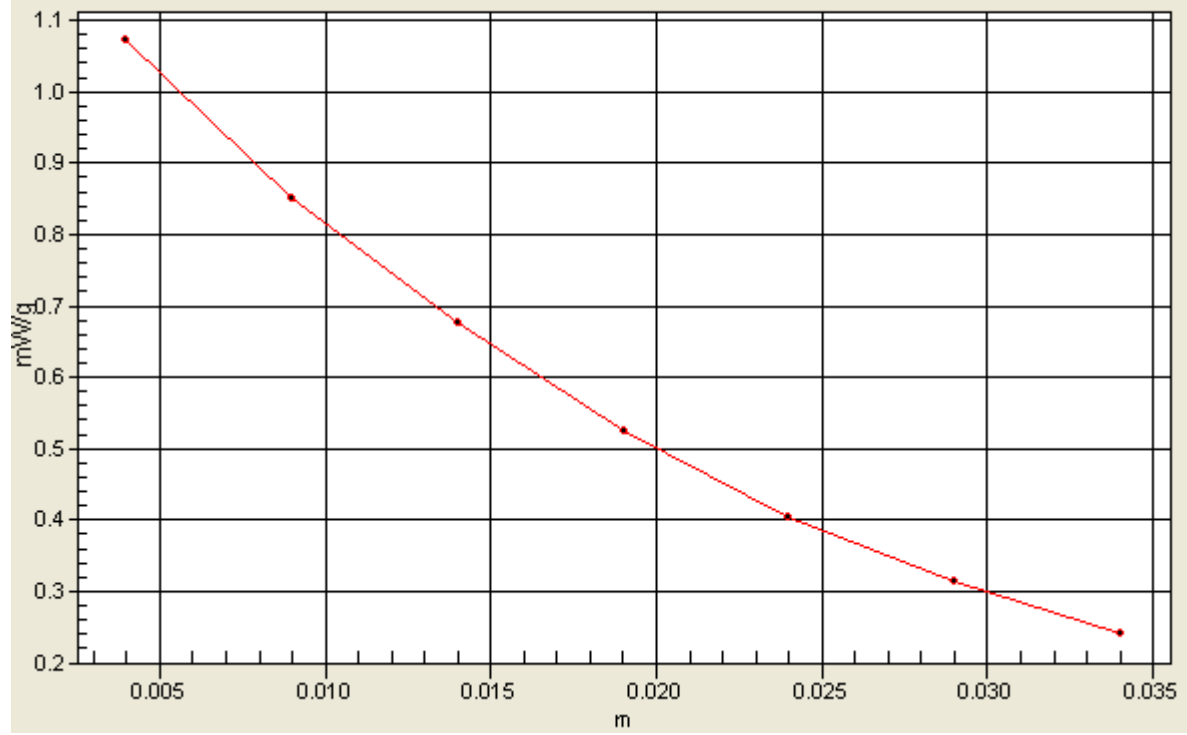
**SAR(1 g) = 0.633 mW/g; SAR(10 g) = 0.415 mW/g**

Maximum value of SAR (measured) = 0.743 mW/g



# 1g/10g Averaged SAR

SAR; Zoom Scan: Value Along Z, X=2, Y=2



**#67 CDMA2000 BC0\_RTAP 153.6\_Rear Face\_1cm\_Ch777\_Battery2**

**DUT: 161543**

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

Medium: MSL\_850\_110701 Medium parameters used:  $f = 848.31$  MHz;  $\sigma = 0.976$  mho/m;  $\epsilon_r = 54.4$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.6 ; Liquid Temperature : 21.6

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(6.35, 6.35, 6.35); Calibrated: 2011/5/20

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

- Electronics: DAE3 Sn495; Calibrated: 2011/4/28

- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383

- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch777/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

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

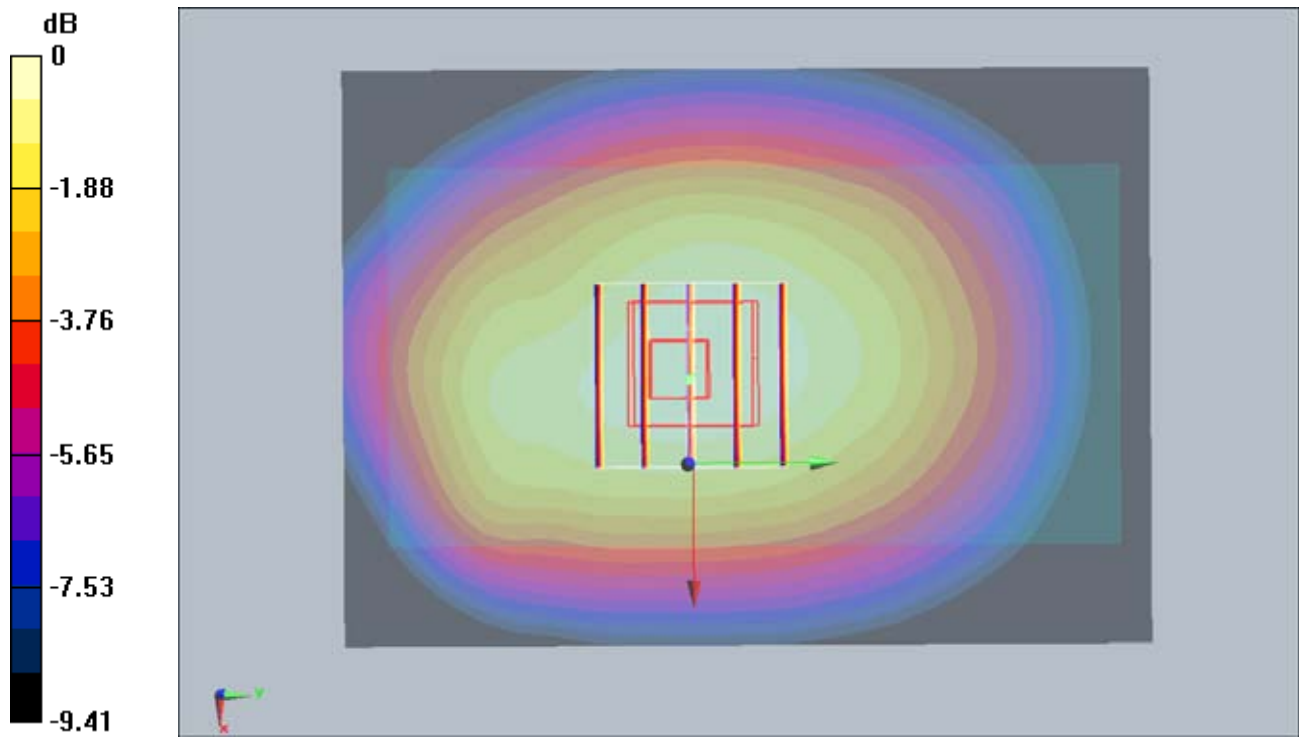
**Ch777/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.6 V/m; Power Drift = -0.082 dB

Peak SAR (extrapolated) = 1.17 W/kg

**SAR(1 g) = 0.993 mW/g; SAR(10 g) = 0.754 mW/g**

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



0 dB = 1.04mW/g

**#68 CDMA2000 BC0\_RTAP 153.6\_Rear Face\_1cm\_Ch1013\_Battery2**

**DUT: 161543**

Communication System: CDMA ; Frequency: 824.7 MHz;Duty Cycle: 1:1

Medium: MSL\_850\_110701 Medium parameters used:  $f = 825$  MHz;  $\sigma = 0.954$  mho/m;  $\epsilon_r = 54.6$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.6 ; Liquid Temperature : 21.6

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.35, 6.35, 6.35); Calibrated: 2011/5/20

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

- Electronics: DAE3 Sn495; Calibrated: 2011/4/28

- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383

- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch1013/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.774 mW/g

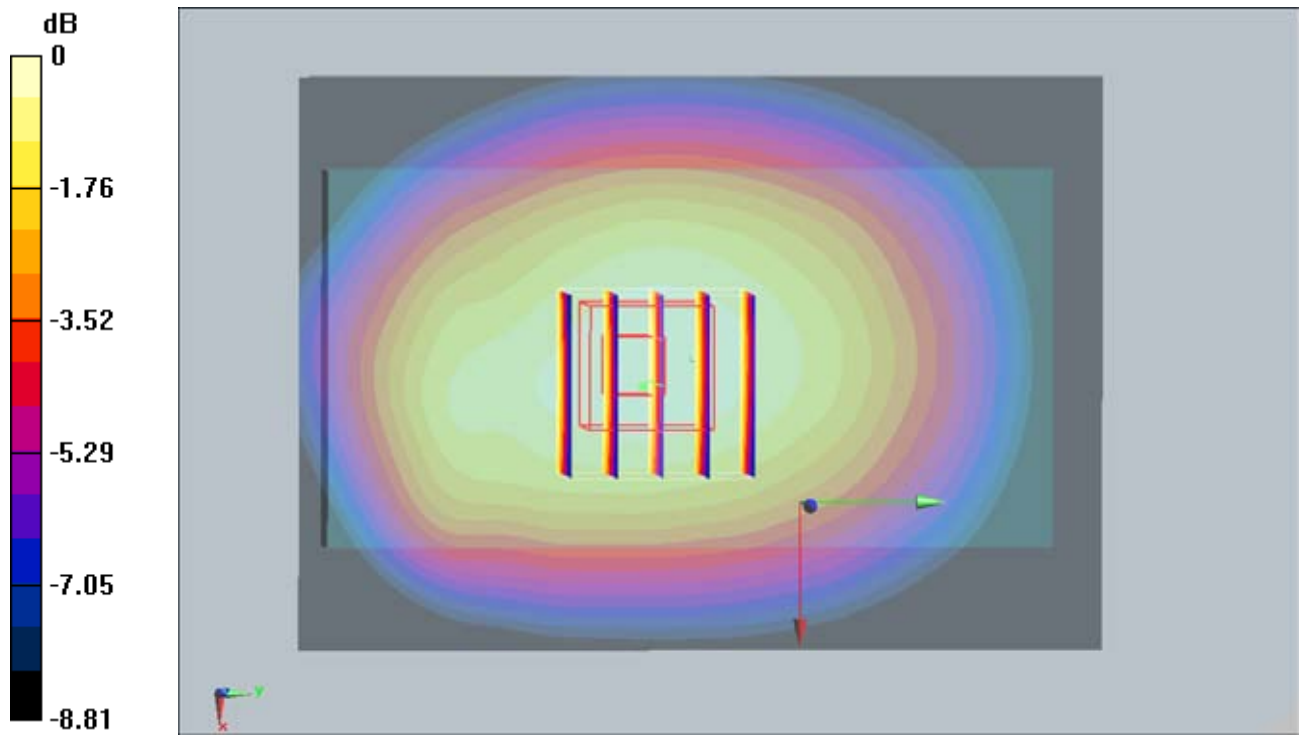
**Ch1013/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.2 V/m; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 0.873 W/kg

**SAR(1 g) = 0.745 mW/g; SAR(10 g) = 0.567 mW/g**

Maximum value of SAR (measured) = 0.778 mW/g



0 dB = 0.778mW/g

**#69 CDMA2000 BC0\_RTAP 153.6\_Rear Face\_1cm\_Ch384\_Battery2**

**DUT: 161543**

Communication System: CDMA ; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_110701 Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.965$  mho/m;  $\epsilon_r = 54.5$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.6 ; Liquid Temperature : 21.6

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.35, 6.35, 6.35); Calibrated: 2011/5/20

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

- Electronics: DAE3 Sn495; Calibrated: 2011/4/28

- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383

- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch384/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1 mW/g

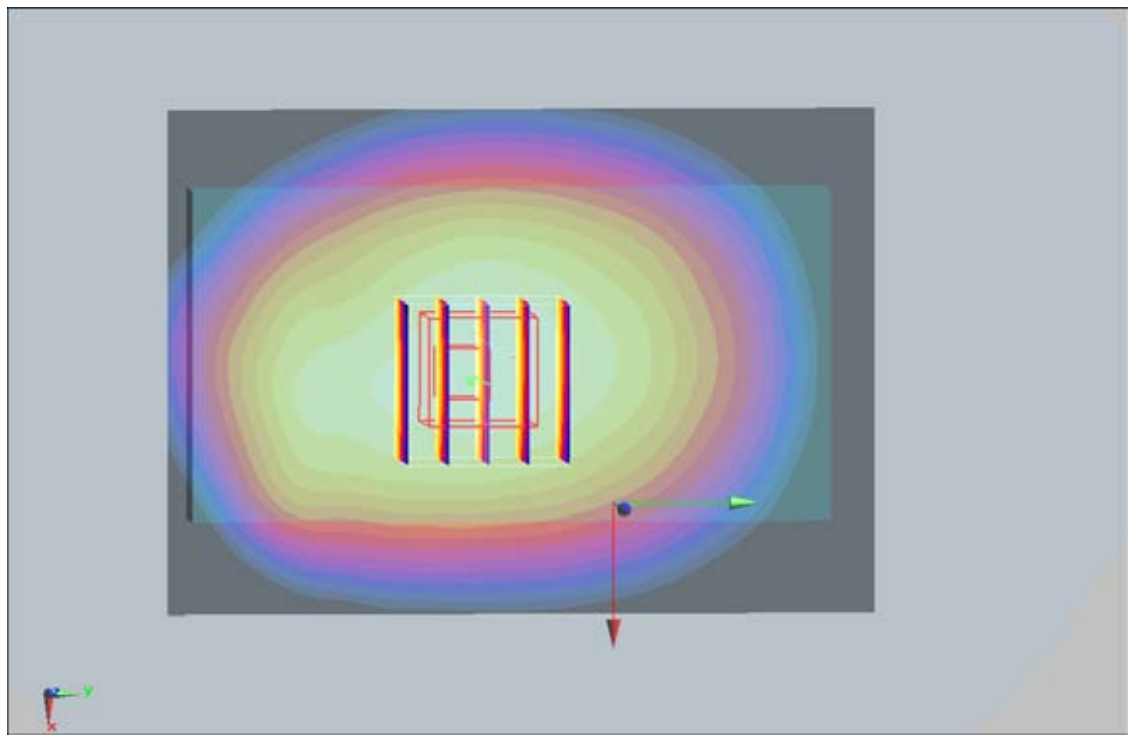
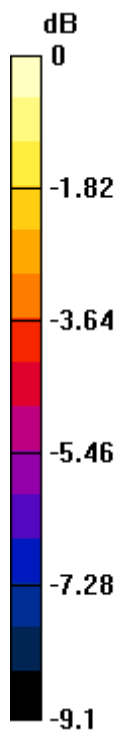
**Ch384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.7 V/m; Power Drift = 0.056 dB

Peak SAR (extrapolated) = 1.13 W/kg

**SAR(1 g) = 0.953 mW/g; SAR(10 g) = 0.727 mW/g**

Maximum value of SAR (measured) = 0.995 mW/g



0 dB = 0.995mW/g

**#70 CDMA2000 BC0\_RC3+SO32\_Front Face\_1cm\_Ch384\_Battery1**

**DUT: 161543**

Communication System: CDMA ; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_110701 Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.965$  mho/m;  $\epsilon_r = 54.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.35, 6.35, 6.35); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch384/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.418 mW/g

**Ch384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

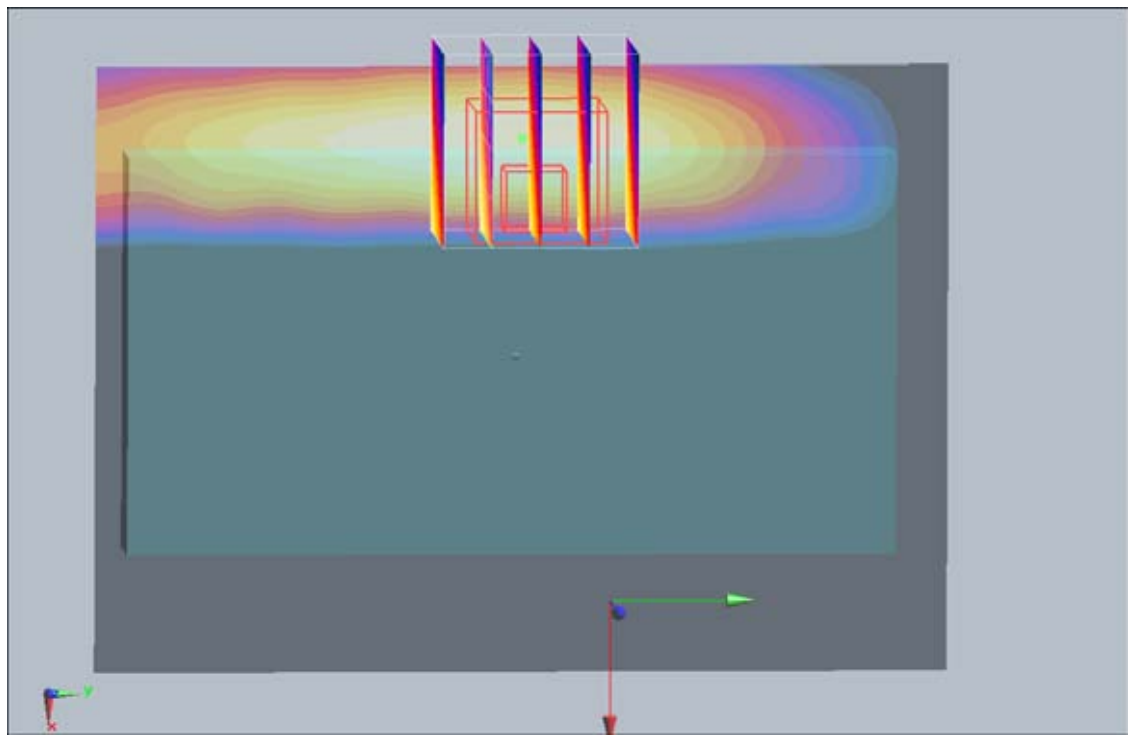
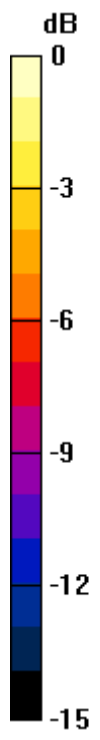
Reference Value = 22.8 V/m; Power Drift = 0.163 dB

Peak SAR (extrapolated) = 0.459 W/kg

**SAR(1 g) = 0.266 mW/g; SAR(10 g) = 0.154 mW/g**

Maximum value of SAR (measured) = 0.363 mW/g





0 dB = 0.363mW/g

**#66 CDMA2000 BC0\_RC3+SO32\_Rear Face\_1cm\_Ch384\_Battery1\_Earphone**

**DUT: 161543**

Communication System: CDMA ; Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_110701 Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.965$  mho/m;  $\epsilon_r = 54.5$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.6 ; Liquid Temperature : 21.6

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.35, 6.35, 6.35); Calibrated: 2011/5/20

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

- Electronics: DAE3 Sn495; Calibrated: 2011/4/28

- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383

- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch384/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.790 mW/g

**Ch384/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.4 V/m; Power Drift = -0.080 dB

Peak SAR (extrapolated) = 0.909 W/kg

**SAR(1 g) = 0.761 mW/g; SAR(10 g) = 0.570 mW/g**

Maximum value of SAR (measured) = 0.796 mW/g

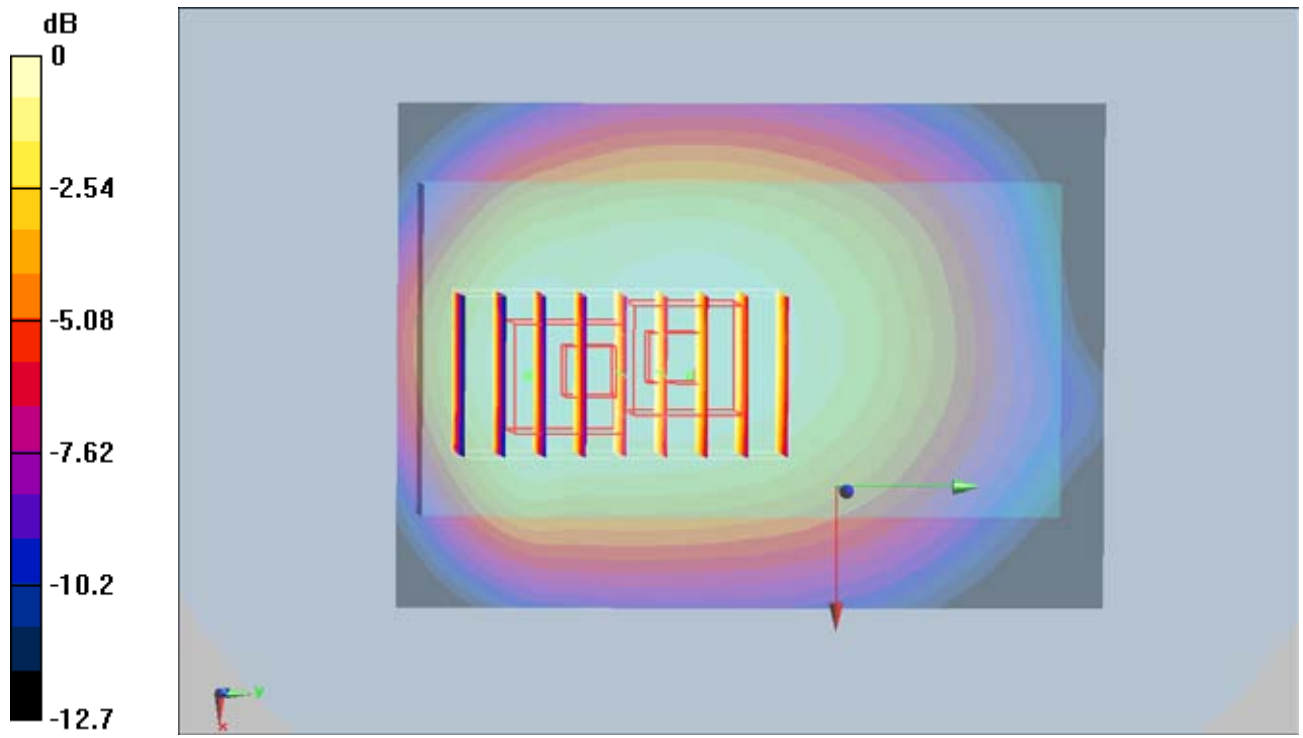
**Ch384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.4 V/m; Power Drift = -0.080 dB

Peak SAR (extrapolated) = 0.995 W/kg

**SAR(1 g) = 0.604 mW/g; SAR(10 g) = 0.418 mW/g**

Maximum value of SAR (measured) = 0.736 mW/g



0 dB = 0.736mW/g

## #74 CDMA2000 BC0\_RC3+SO32\_Rear Face\_1cm\_Ch384\_Battery2\_Earphone

**DUT: 161543**

Communication System: CDMA ; Frequency: 836.52 MHz;Duty Cycle: 1:1

Medium: MSL\_850\_110626 Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.965$  mho/m;  $\epsilon_r = 54.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.7 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(8.84, 8.84, 8.84); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch384/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.851 mW/g

**Ch384/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.5 V/m; Power Drift = -0.077 dB

Peak SAR (extrapolated) = 0.953 W/kg

**SAR(1 g) = 0.759 mW/g; SAR(10 g) = 0.573 mW/g**

Maximum value of SAR (measured) = 0.793 mW/g

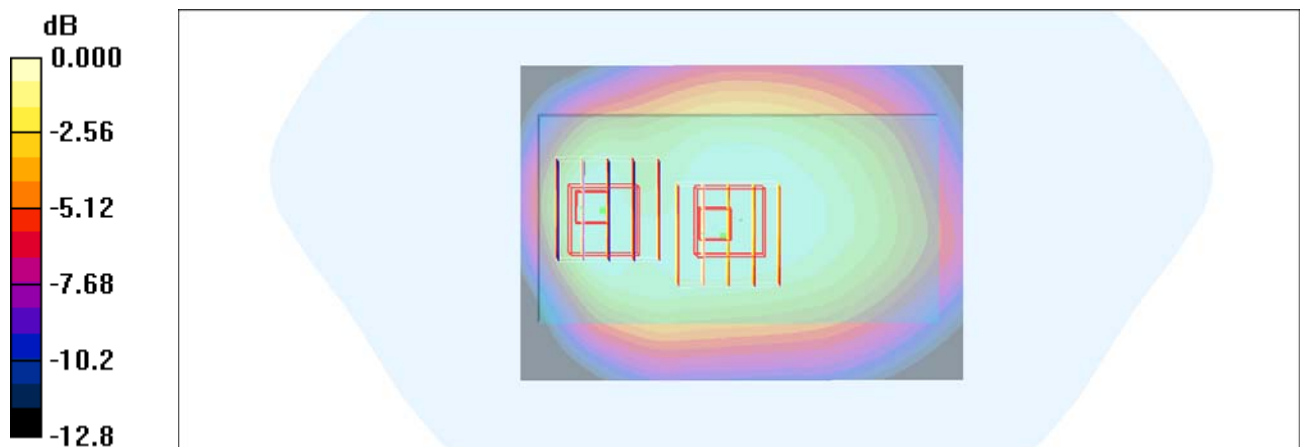
**Ch384/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.5 V/m; Power Drift = -0.077 dB

Peak SAR (extrapolated) = 1.13 W/kg

**SAR(1 g) = 0.654 mW/g; SAR(10 g) = 0.381 mW/g**

Maximum value of SAR (measured) = 0.691 mW/g



0 dB = 0.691mW/g

## #76 802.11b\_Right Cheek\_Ch1\_Battery1

**DUT: 161543**

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

Medium: HSL\_2450\_110628 Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.79 \text{ mho/m}$ ;  $\epsilon_r = 39.5$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.77, 6.77, 6.77); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1/Area Scan (41x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.131 mW/g

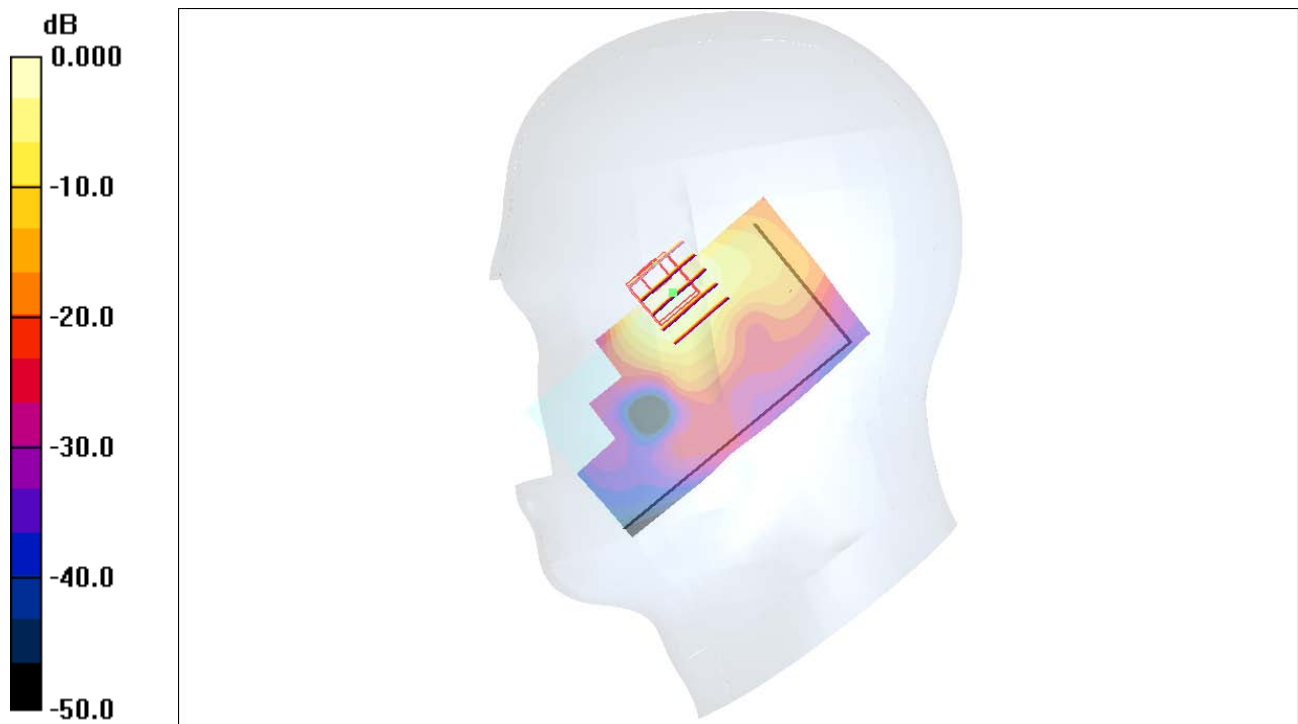
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.07 V/m; Power Drift = 0.119 dB

Peak SAR (extrapolated) = 0.189 W/kg

**SAR(1 g) = 0.094 mW/g; SAR(10 g) = 0.045 mW/g**

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



0 dB = 0.104mW/g

## #76 802.11b\_Right Cheek\_Ch1\_Battery1\_2D

**DUT: 161543**

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

Medium: HSL\_2450\_110628 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.79$  mho/m;  $\epsilon_r = 39.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.77, 6.77, 6.77); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1/Area Scan (41x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.131 mW/g

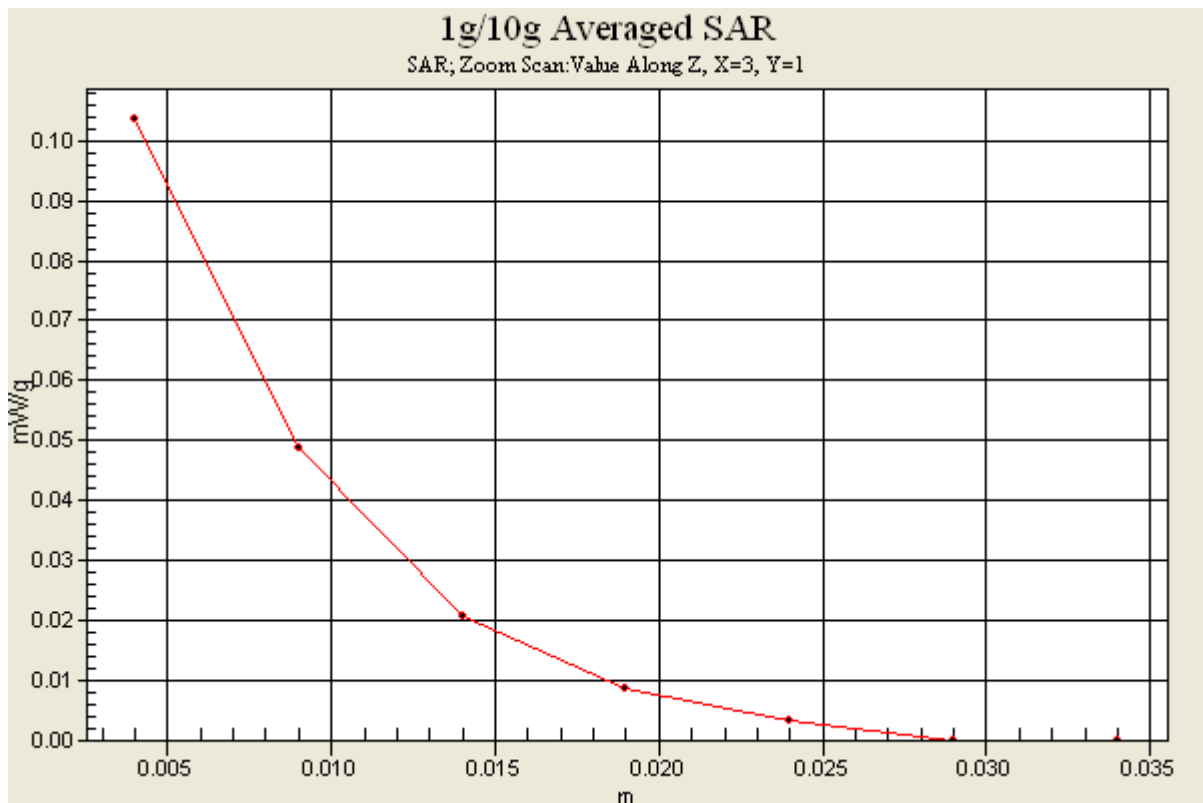
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.07 V/m; Power Drift = 0.119 dB

Peak SAR (extrapolated) = 0.189 W/kg

**SAR(1 g) = 0.094 mW/g; SAR(10 g) = 0.045 mW/g**

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



## #77 802.11b\_Right Tilted\_Ch1\_Battery1

**DUT: 161543**

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

Medium: HSL\_2450\_110628 Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.79 \text{ mho/m}$ ;  $\epsilon_r = 39.5$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.77, 6.77, 6.77); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1/Area Scan (51x71x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

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

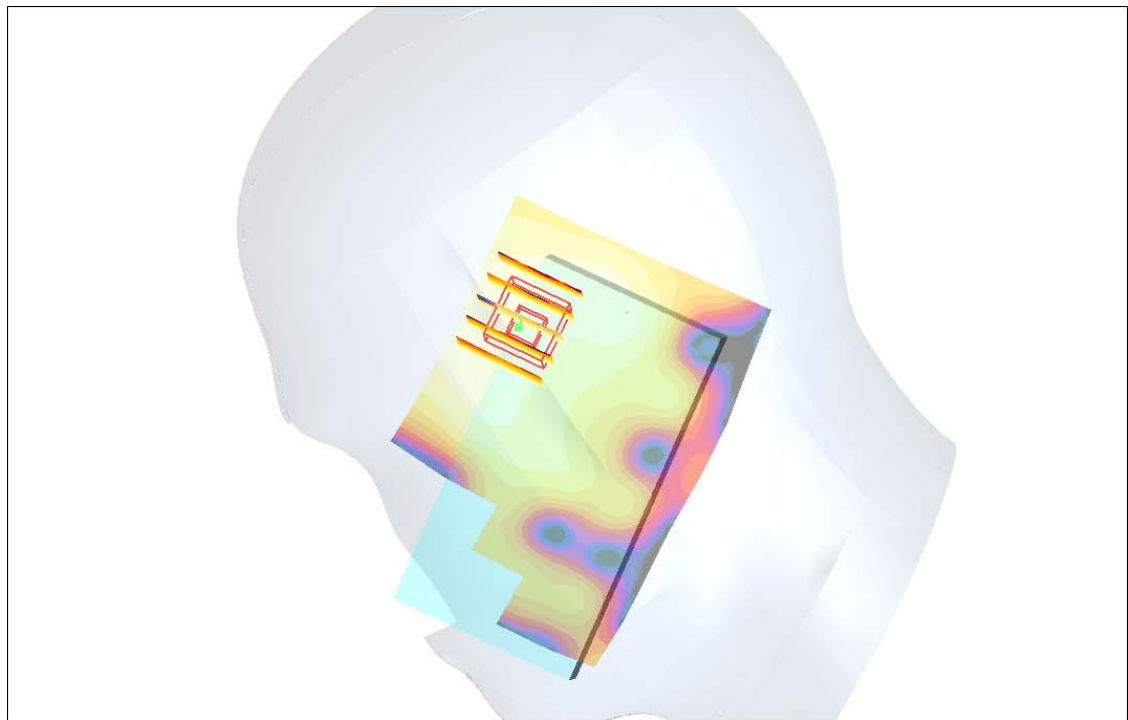
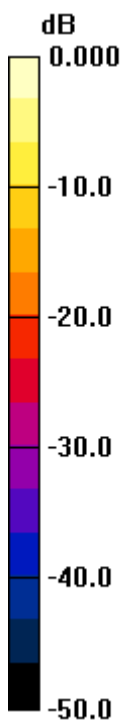
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 5.24 V/m; Power Drift = -0.119 dB

Peak SAR (extrapolated) = 0.120 W/kg

**SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.030 mW/g**

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



0 dB = 0.064mW/g

## #78 802.11b\_Left Cheek\_Ch1\_Battery1

**DUT: 161543**

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

Medium: HSL\_2450\_110628 Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.79 \text{ mho/m}$ ;  $\epsilon_r = 39.5$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.77, 6.77, 6.77); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1/Area Scan (51x71x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

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

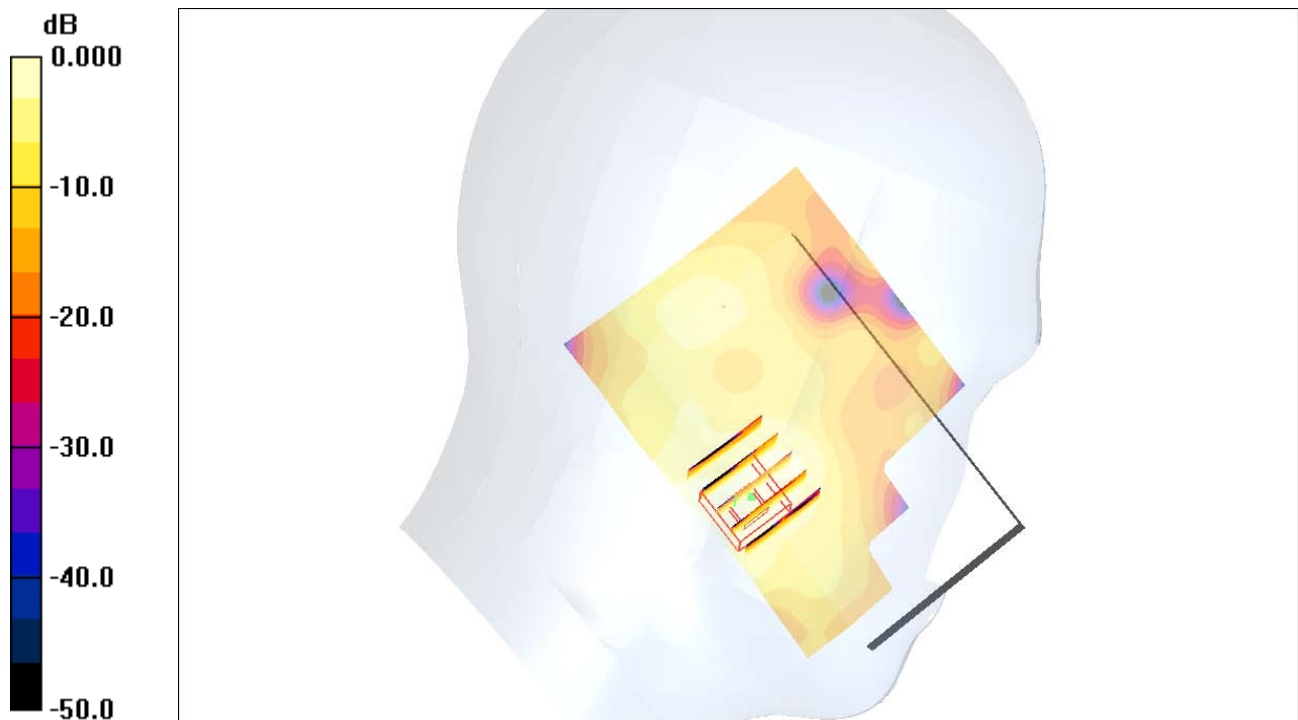
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 4.10 V/m; Power Drift = -0.031 dB

Peak SAR (extrapolated) = 0.188 W/kg

**SAR(1 g) = 0.087 mW/g; SAR(10 g) = 0.041 mW/g**

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



0 dB = 0.091mW/g



## #79 802.11b\_Left Tilted\_Ch1\_Battery1

**DUT: 161543**

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

Medium: HSL\_2450\_110628 Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.79 \text{ mho/m}$ ;  $\epsilon_r = 39.5$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.77, 6.77, 6.77); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1/Area Scan (51x71x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.070 mW/g

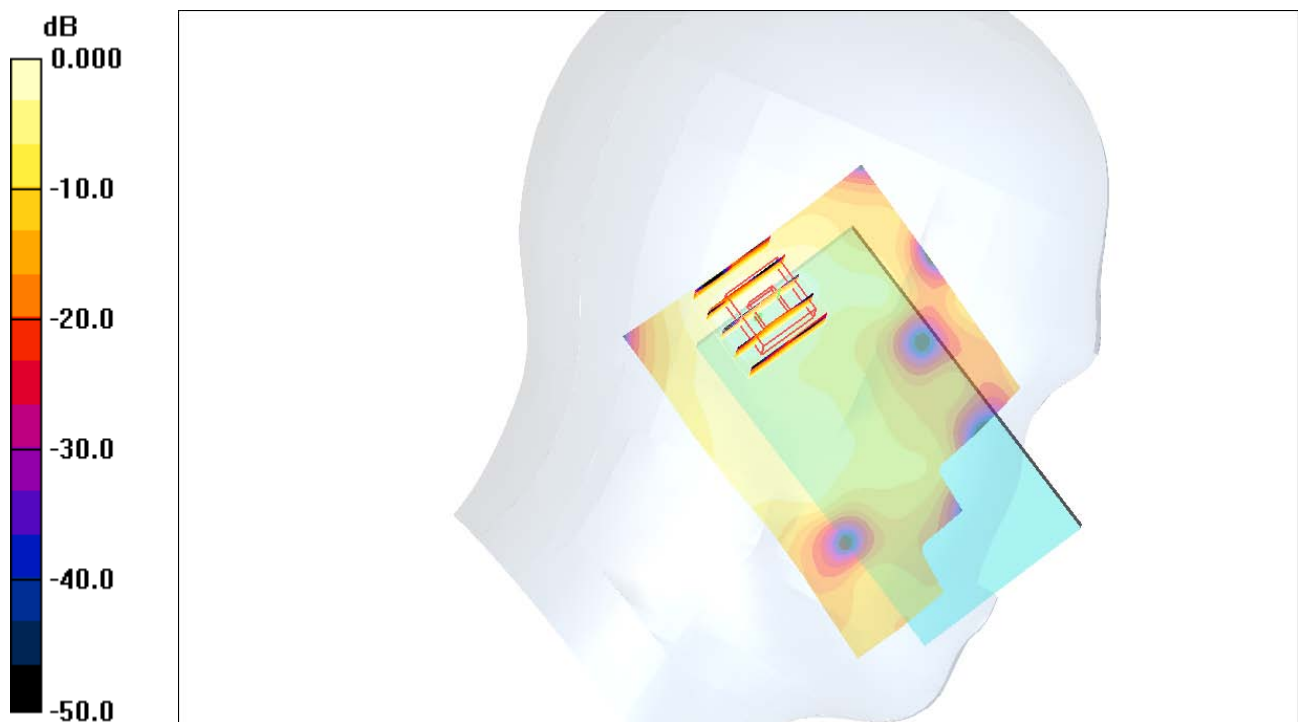
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 6.05 V/m; Power Drift = -0.195 dB

Peak SAR (extrapolated) = 0.117 W/kg

**SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.027 mW/g**

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



0 dB = 0.068mW/g

**#80 802.11b\_Right Cheek\_Ch1\_Battery2**

**DUT: 161543**

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

Medium: HSL\_2450\_110702 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.79$  mho/m;  $\epsilon_r = 38.8$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.5 ; Liquid Temperature : 21.6

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.41, 4.41, 4.41); Calibrated: 2011/5/20

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

- Electronics: DAE3 Sn495; Calibrated: 2011/4/28

- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383

- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch1/Area Scan (41x71x1):** Measurement grid: dx=20mm, dy=20mm

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

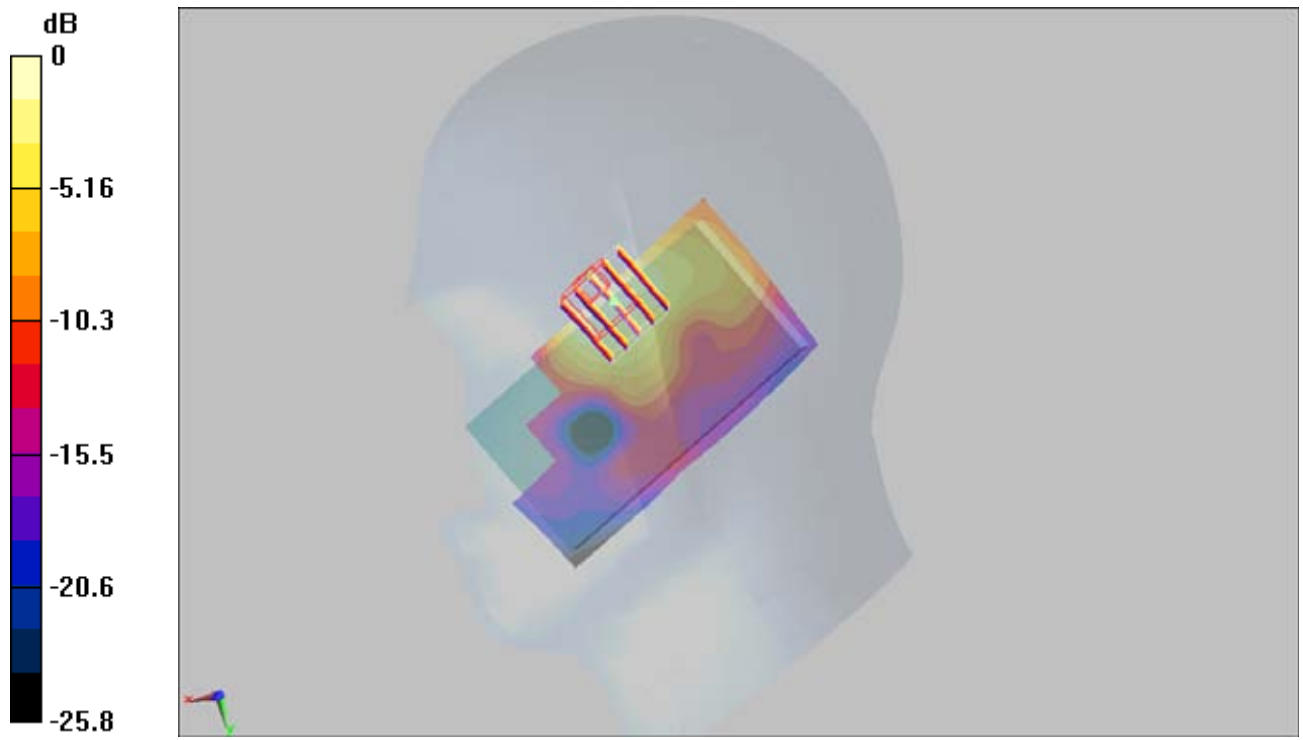
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.44 V/m; Power Drift = -0.156 dB

Peak SAR (extrapolated) = 0.225 W/kg

**SAR(1 g) = 0.092 mW/g; SAR(10 g) = 0.043 mW/g**

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



0 dB = 0.114mW/g

# #81 802.11b\_Front Face\_1cm\_Ch1\_Battery1

**DUT: 161543**

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

Medium: MSL\_2450\_110627 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.96$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.02, 7.02, 7.02); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1/Area Scan (41x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.023 mW/g

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

Reference Value = 1.40 V/m; Power Drift = 0.170 dB

Peak SAR (extrapolated) = 0.056 W/kg

**SAR(1 g) = 0.014 mW/g; SAR(10 g) = 0.00617 mW/g**

Maximum value of SAR (measured) = 0.015 mW/g

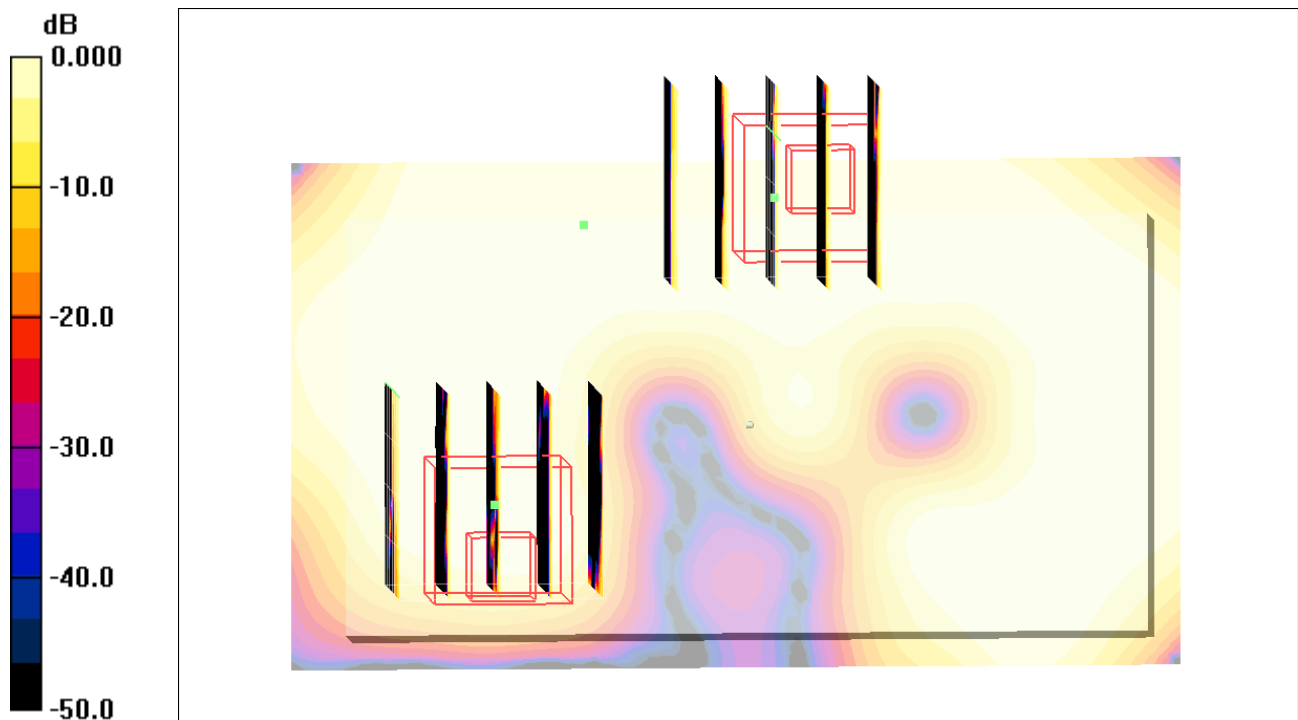
**Ch1/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.40 V/m; Power Drift = 0.170 dB

Peak SAR (extrapolated) = 0.049 W/kg

**SAR(1 g) = 0.010 mW/g; SAR(10 g) = 0.00334 mW/g**

Maximum value of SAR (measured) = 0.011 mW/g



0 dB = 0.011mW/g

## #82 802.11b\_Rear Face\_1cm\_Ch1\_Battery1

**DUT: 161543**

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

Medium: MSL\_2450\_110627 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.96$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.02, 7.02, 7.02); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1/Area Scan (41x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.179 mW/g

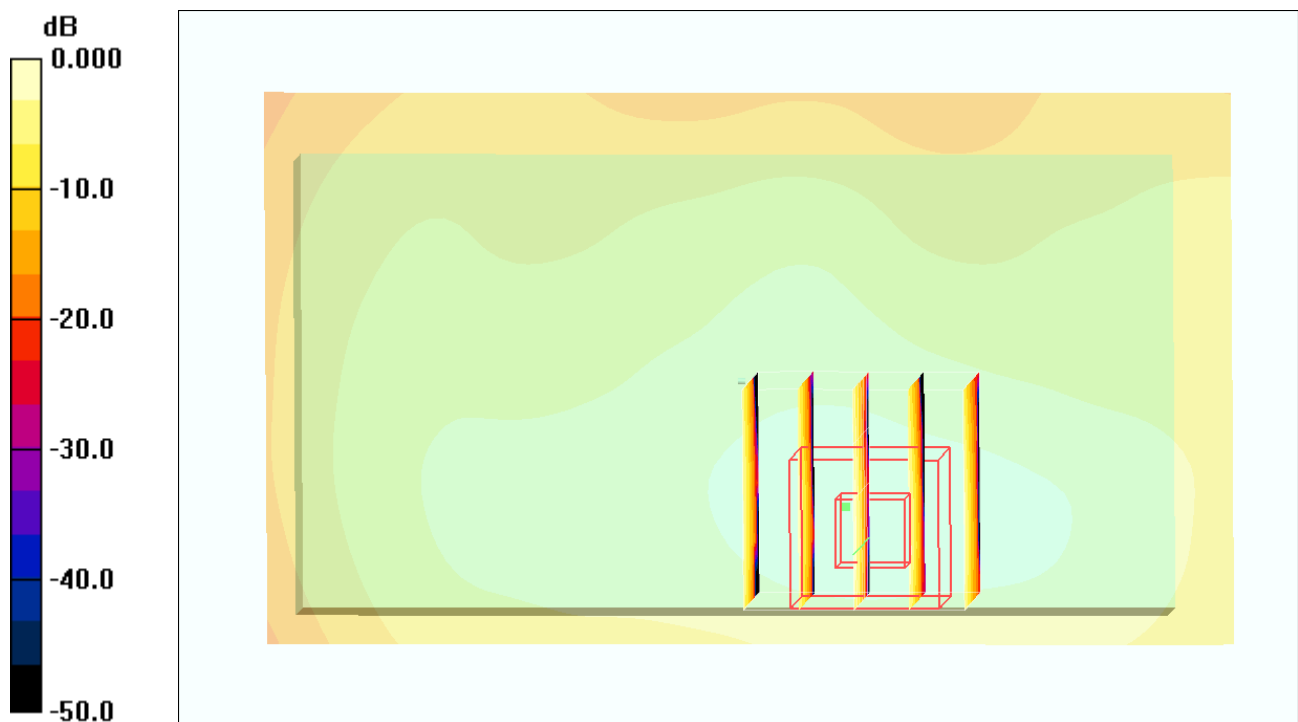
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.63 V/m; Power Drift = -0.140 dB

Peak SAR (extrapolated) = 0.366 W/kg

**SAR(1 g) = 0.180 mW/g; SAR(10 g) = 0.086 mW/g**

Maximum value of SAR (measured) = 0.193 mW/g



0 dB = 0.193mW/g

## #83 802.11b\_Top Side\_1cm\_Ch1\_Battery1

**DUT: 161543**

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

Medium: MSL\_2450\_110627 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.96$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.02, 7.02, 7.02); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1/Area Scan (41x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.046 mW/g

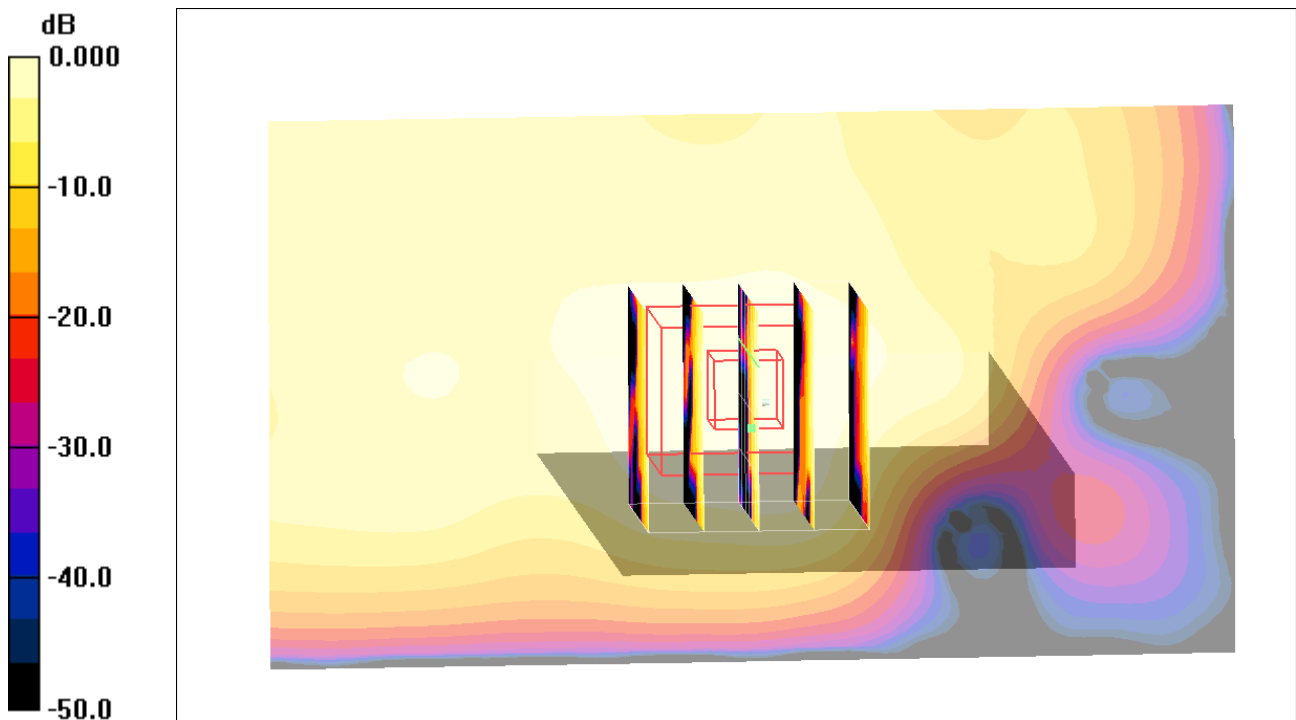
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.38 V/m; Power Drift = -0.026 dB

Peak SAR (extrapolated) = 0.057 W/kg

**SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.014 mW/g**

Maximum value of SAR (measured) = 0.043 mW/g



0 dB = 0.043mW/g

## #84 802.11b\_Down Side\_1cm\_Ch1\_Battery1

**DUT: 161543**

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

Medium: MSL\_2450\_110627 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.96$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.02, 7.02, 7.02); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1/Area Scan (41x71x1):** Measurement grid: dx=20mm, dy=20mm

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

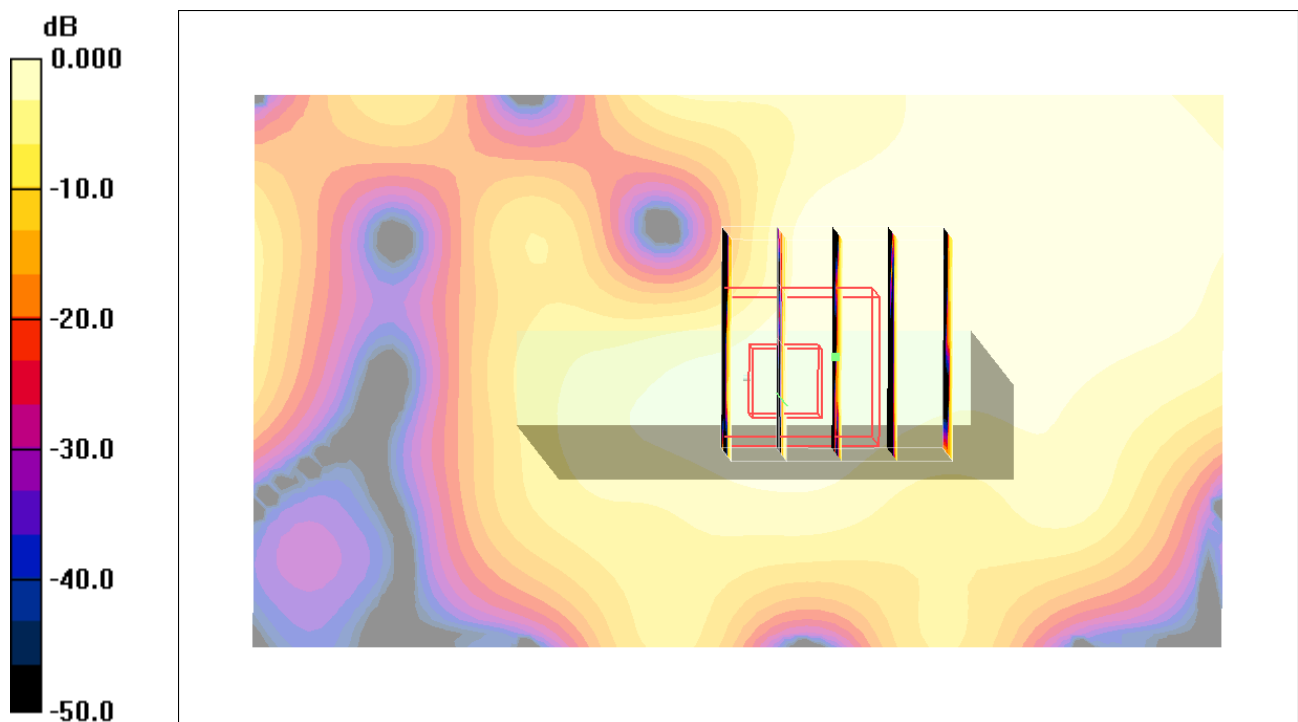
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.33 V/m; Power Drift = -0.157 dB

Peak SAR (extrapolated) = 0.066 W/kg

**SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.00881 mW/g**

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



0 dB = 0.026mW/g

## #85 802.11b\_Left Side\_1cm\_Ch1\_Battery1

**DUT: 161543**

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

Medium: MSL\_2450\_110627 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.96$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.02, 7.02, 7.02); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1/Area Scan (31x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.373 mW/g

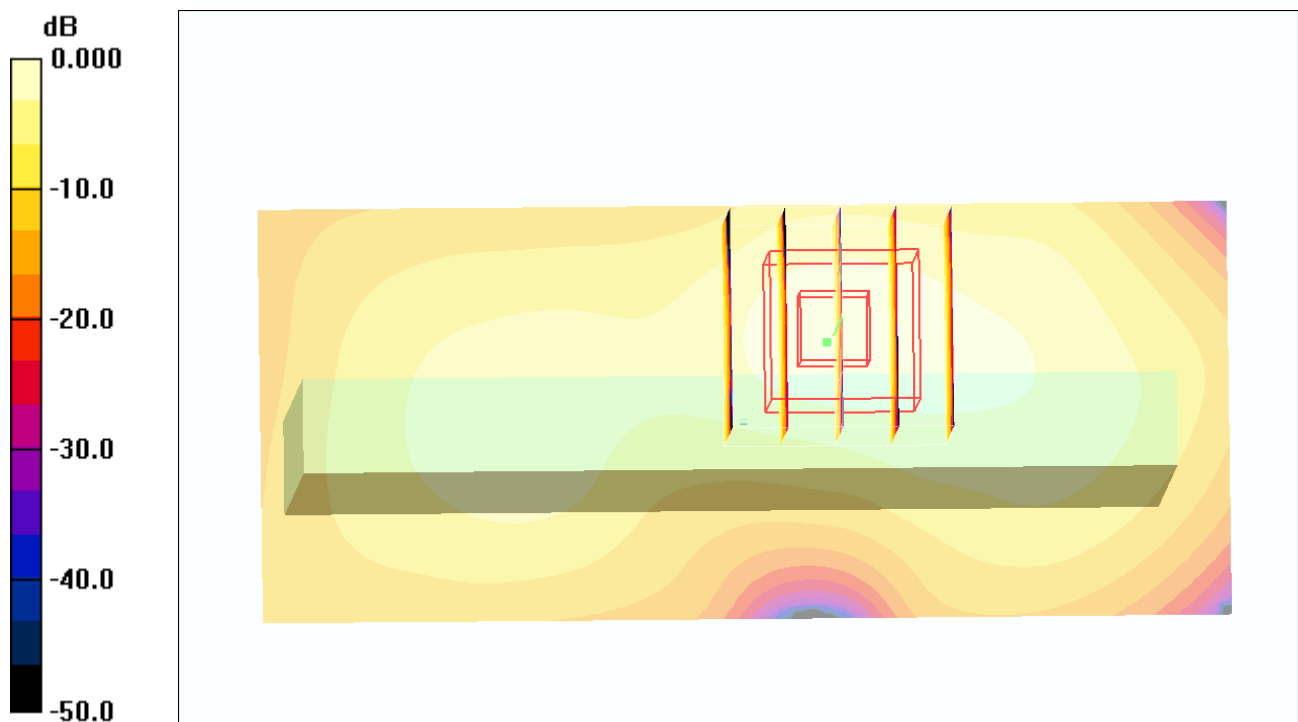
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.12 V/m; Power Drift = 0.061 dB

Peak SAR (extrapolated) = 0.684 W/kg

**SAR(1 g) = 0.313 mW/g; SAR(10 g) = 0.140 mW/g**

Maximum value of SAR (measured) = 0.363 mW/g



0 dB = 0.363mW/g



## #85 802.11b\_Left Side\_1cm\_Ch1\_Battery1\_2D

**DUT: 161543**

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

Medium: MSL\_2450\_110627 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.96$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.02, 7.02, 7.02); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1/Area Scan (31x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.373 mW/g

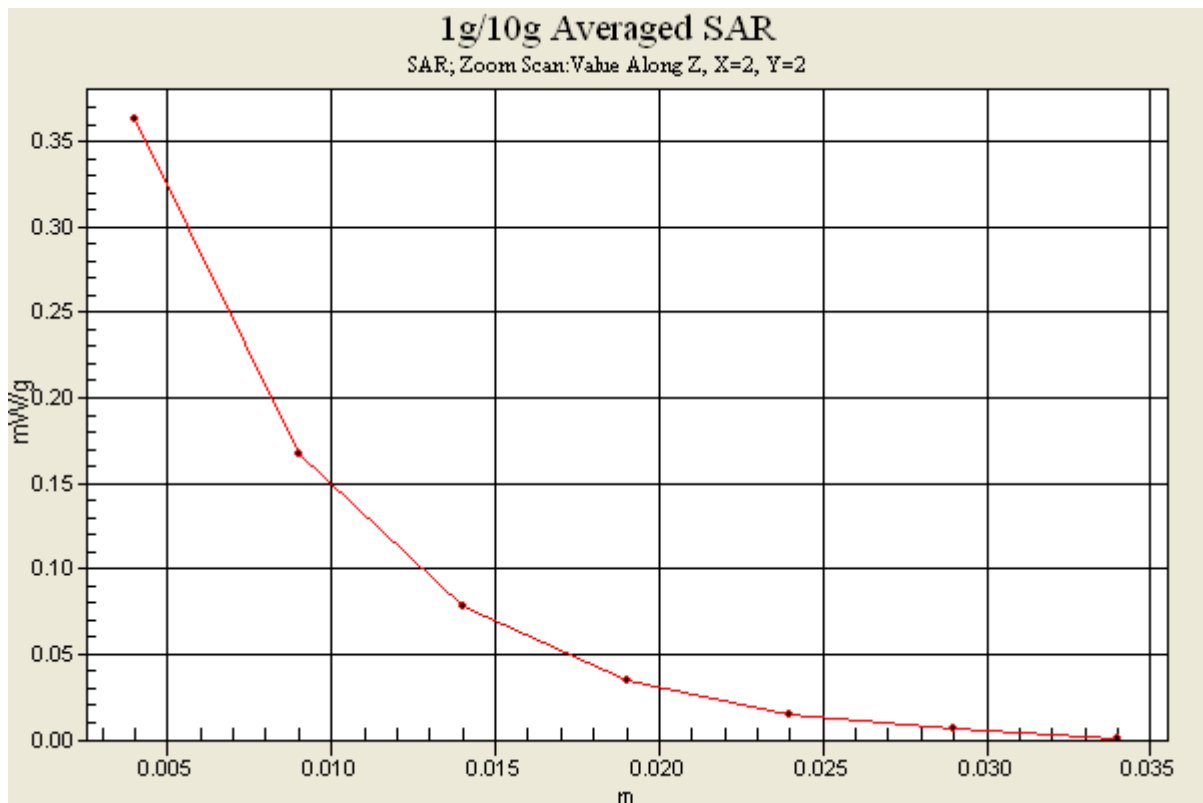
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.12 V/m; Power Drift = 0.061 dB

Peak SAR (extrapolated) = 0.684 W/kg

**SAR(1 g) = 0.313 mW/g; SAR(10 g) = 0.140 mW/g**

Maximum value of SAR (measured) = 0.363 mW/g



## #86 802.11b\_Right Side\_1cm\_Ch1\_Battery1

**DUT: 161543**

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

Medium: MSL\_2450\_110627 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.96$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.02, 7.02, 7.02); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1/Area Scan (31x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.015 mW/g

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

Reference Value = 0.000 V/m; Power Drift = 0.192 dB

Peak SAR (extrapolated) = 0.015 W/kg

**SAR(1 g) = 0.0032 mW/g; SAR(10 g) = 0.000486 mW/g**

Maximum value of SAR (measured) = 0.007 mW/g

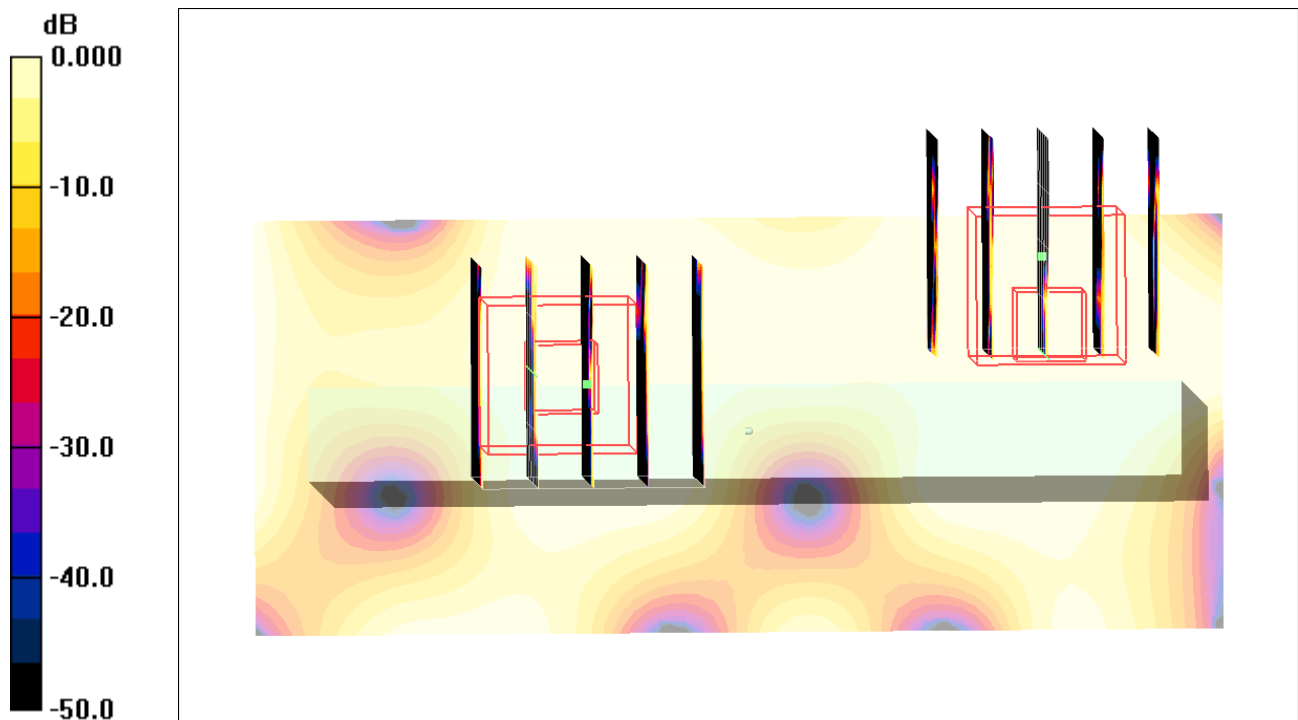
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.000 V/m; Power Drift = 0.192 dB

Peak SAR (extrapolated) = 0.017 W/kg

**SAR(1 g) = 0.00315 mW/g; SAR(10 g) = 0.000407 mW/g**

Maximum value of SAR (measured) = 0.006 mW/g



0 dB = 0.006mW/g

**#88 802.11b\_Left Side\_1cm\_Ch1\_Battery2**

**DUT: 161543**

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

Medium: MSL\_2450\_110701 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.92$  mho/m;  $\epsilon_r = 51.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.67, 6.67, 6.67); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1/Area Scan (31x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.262 mW/g

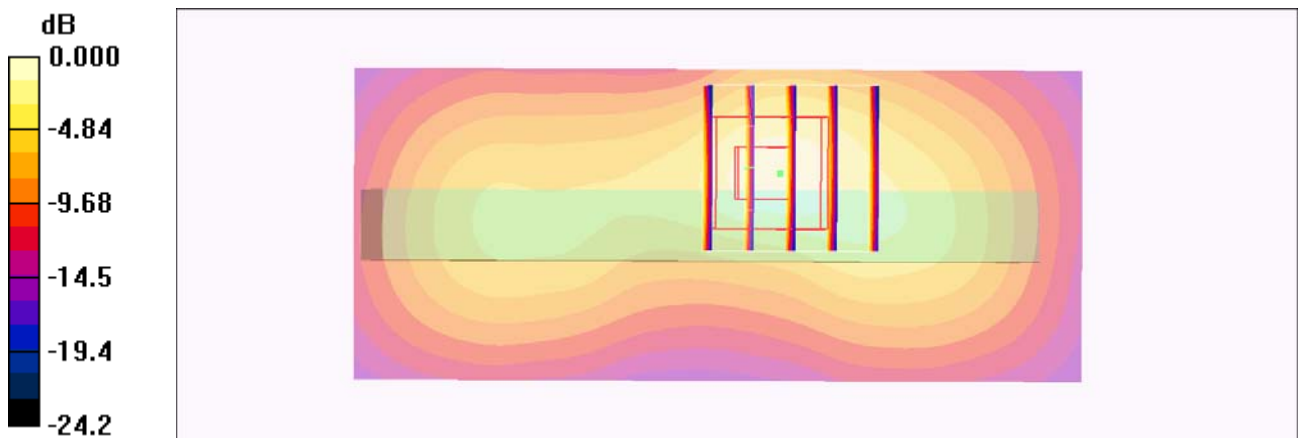
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.97 V/m; Power Drift = -0.050 dB

Peak SAR (extrapolated) = 0.454 W/kg

**SAR(1 g) = 0.223 mW/g; SAR(10 g) = 0.106 mW/g**

Maximum value of SAR (measured) = 0.244 mW/g



0 dB = 0.244mW/g

### #93 802.11b\_Front Face\_1cm\_Ch1\_Battery1\_Earphone

**DUT: 161543**

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

Medium: MSL\_2450\_110704 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.96$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.67, 6.67, 6.67); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1/Area Scan (61x91x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.042 mW/g

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

Reference Value = 2.13 V/m; Power Drift = 0.141 dB

Peak SAR (extrapolated) = 0.072 W/kg

**SAR(1 g) = 0.038 mW/g; SAR(10 g) = 0.021 mW/g**

Maximum value of SAR (measured) = 0.041 mW/g

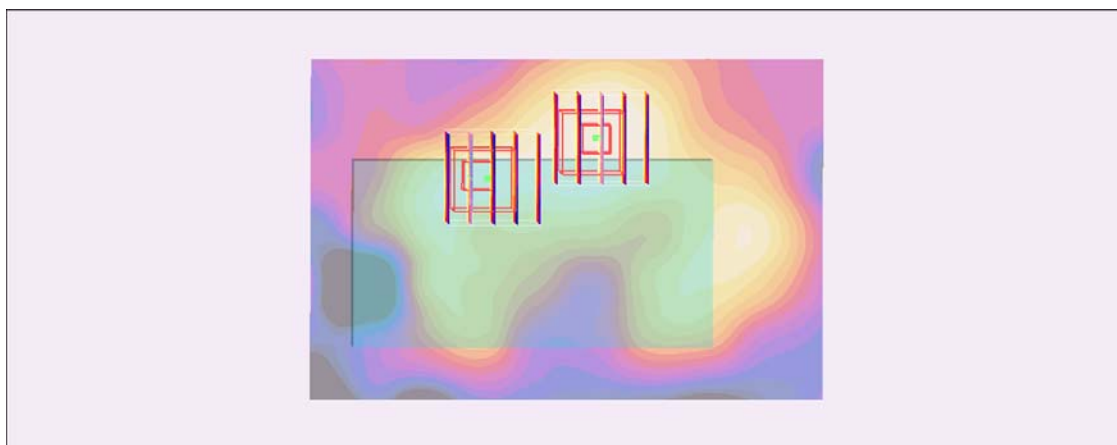
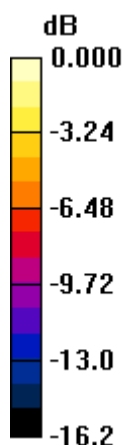
**Ch1/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.13 V/m; Power Drift = 0.141 dB

Peak SAR (extrapolated) = 0.058 W/kg

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

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



0 dB = 0.032mW/g

**#87 802.11b\_Rear Face\_1cm\_Ch1\_Battery1\_Earphone****DUT: 161543**

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

Medium: MSL\_2450\_110627 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.96$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.02, 7.02, 7.02); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1/Area Scan (41x71x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.139 mW/g

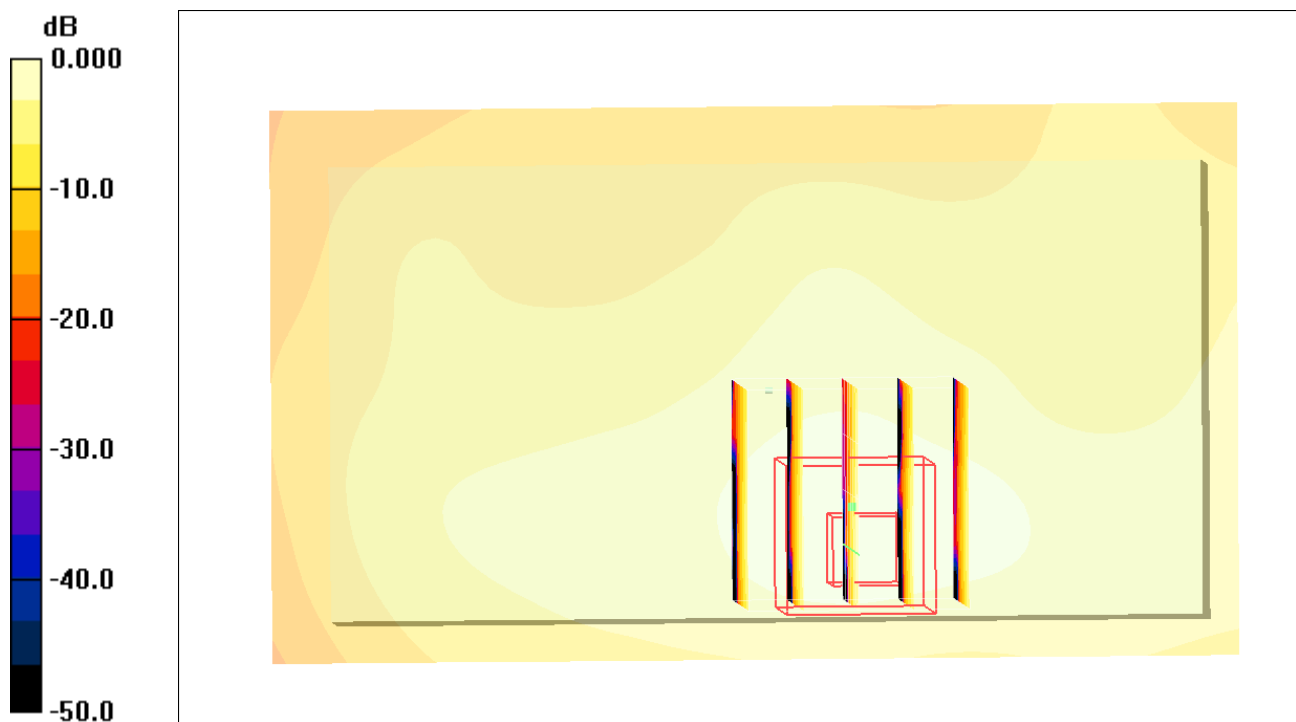
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.89 V/m; Power Drift = 0.162 dB

Peak SAR (extrapolated) = 0.293 W/kg

**SAR(1 g) = 0.139 mW/g; SAR(10 g) = 0.064 mW/g**

Maximum value of SAR (measured) = 0.159 mW/g



0 dB = 0.159mW/g

**#01 Wimax2600\_QPSK1-2\_Right Cheek\_Ch0\_Battery1\_10M\_Ant0**

**DUT: 161543**

Communication System: Wimax\_2.6G\_10M; Frequency: 2501 MHz; Duty Cycle: 1:3.24

Medium: HSL\_2600\_110630 Medium parameters used:  $f = 2501$  MHz;  $\sigma = 1.89$  mho/m;  $\epsilon_r = 38.7$ ;  $\rho = 1000$

kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.72, 6.72, 6.72); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch0/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.287 mW/g

**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.2 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.766 W/kg

**SAR(1 g) = 0.300 mW/g; SAR(10 g) = 0.165 mW/g**

Maximum value of SAR (measured) = 0.294 mW/g



0 dB = 0.294mW/g

**#02 Wimax2600\_QPSK1-2\_Right Tilted\_Ch0\_Battery1\_10M\_Ant0**

**DUT: 161543**

Communication System: Wimax\_2.6G\_10M; Frequency: 2501 MHz; Duty Cycle: 1:3.24

Medium: HSL\_2600\_110630 Medium parameters used:  $f = 2501$  MHz;  $\sigma = 1.89$  mho/m;  $\epsilon_r = 38.7$ ;  $\rho = 1000$

kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.72, 6.72, 6.72); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch0/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.312 mW/g

**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

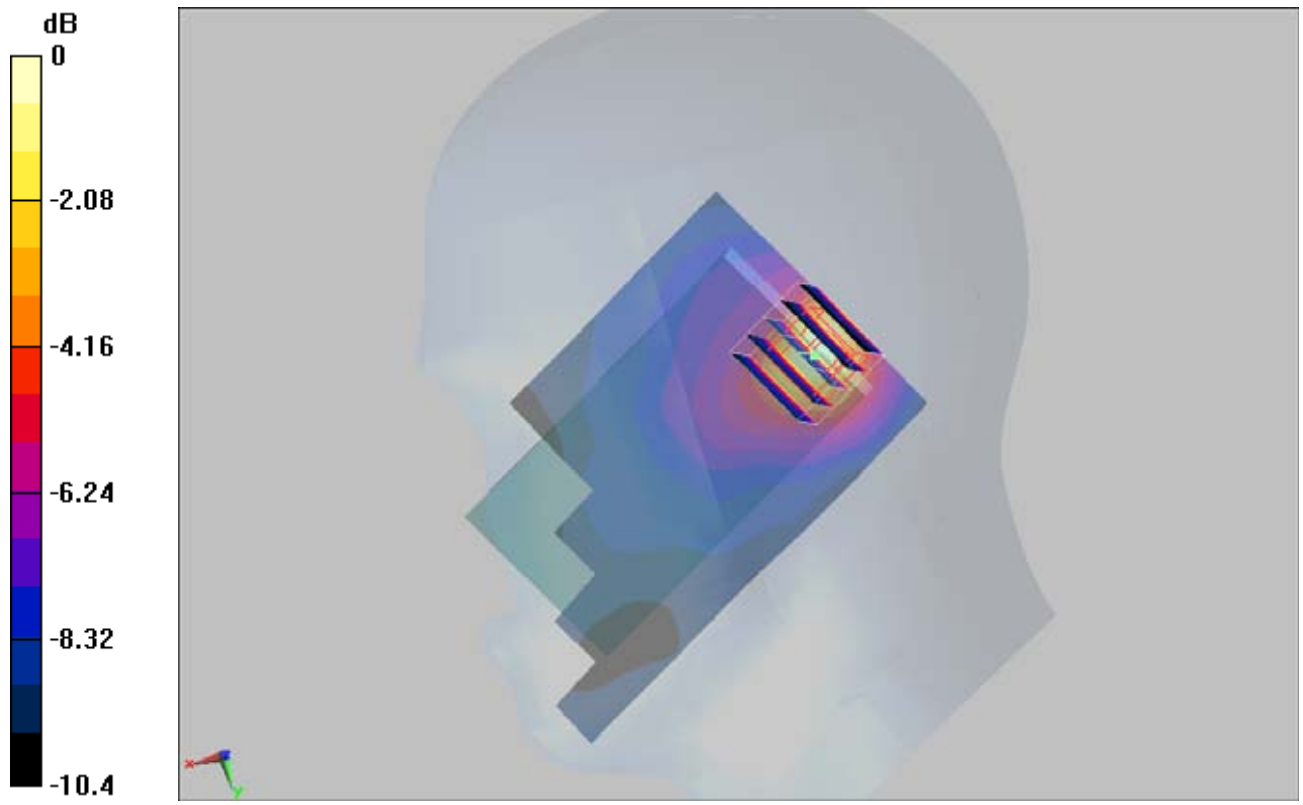
Reference Value = 9.23 V/m; Power Drift = -0.129 dB

Peak SAR (extrapolated) = 0.738 W/kg

**SAR(1 g) = 0.332 mW/g; SAR(10 g) = 0.167 mW/g**

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





0 dB = 0.344mW/g

**#03 Wimax2600\_QPSK1-2\_Left Cheek\_Ch0\_Battery1\_10M\_Ant0**

**DUT: 161543**

Communication System: Wimax\_2.6G\_10M; Frequency: 2501 MHz; Duty Cycle: 1:3.24

Medium: HSL\_2600\_110630 Medium parameters used:  $f = 2501$  MHz;  $\sigma = 1.89$  mho/m;  $\epsilon_r = 38.7$ ;  $\rho = 1000$

kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.72, 6.72, 6.72); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch0/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.350 mW/g

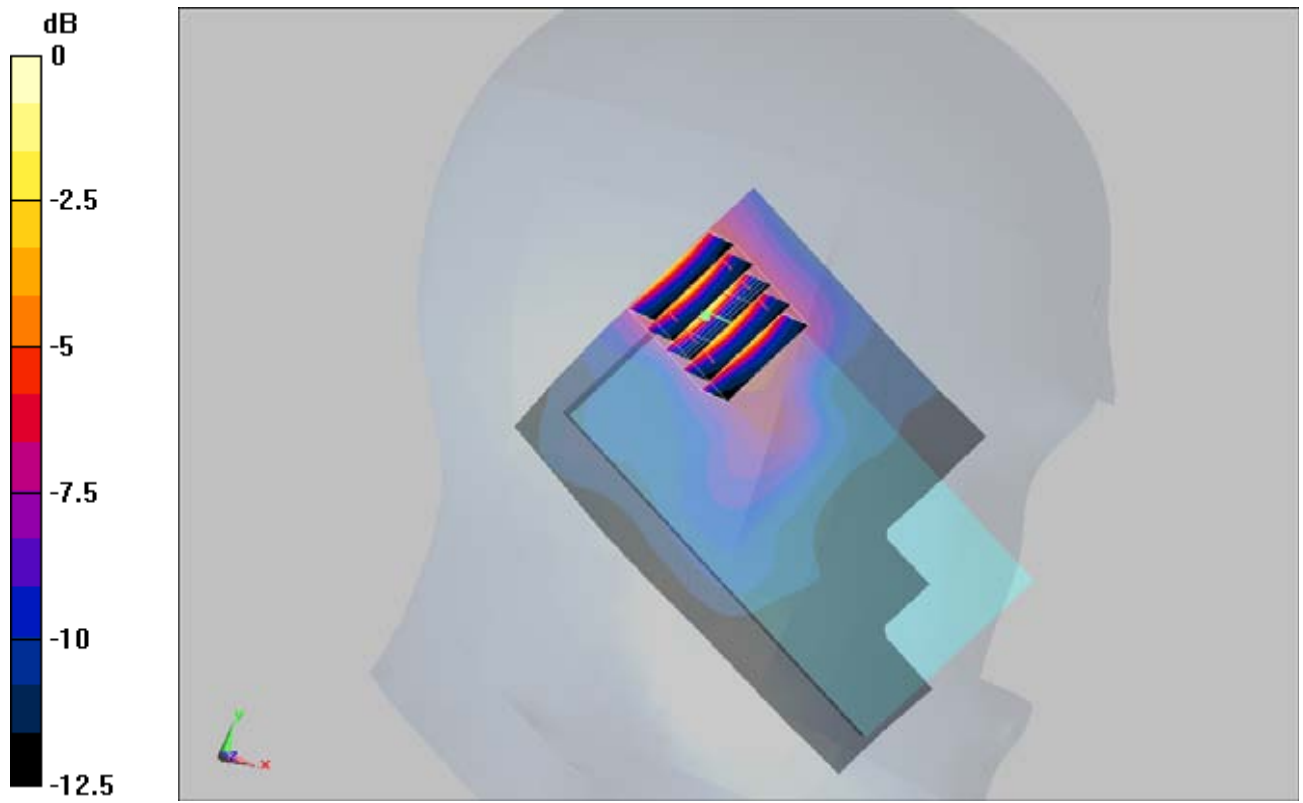
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.62 V/m; Power Drift = -0.108 dB

Peak SAR (extrapolated) = 0.954 W/kg

**SAR(1 g) = 0.393 mW/g; SAR(10 g) = 0.181 mW/g**

Maximum value of SAR (measured) = 0.432 mW/g



0 dB = 0.432mW/g

**#04 Wimax2600\_QPSK1-2\_Left Tilted\_Ch0\_Battery1\_10M\_Ant0**

**DUT: 161543**

Communication System: Wimax\_2.6G\_10M; Frequency: 2501 MHz; Duty Cycle: 1:3.24

Medium: HSL\_2600\_110630 Medium parameters used:  $f = 2501$  MHz;  $\sigma = 1.89$  mho/m;  $\epsilon_r = 38.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.72, 6.72, 6.72); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch0/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.360 mW/g

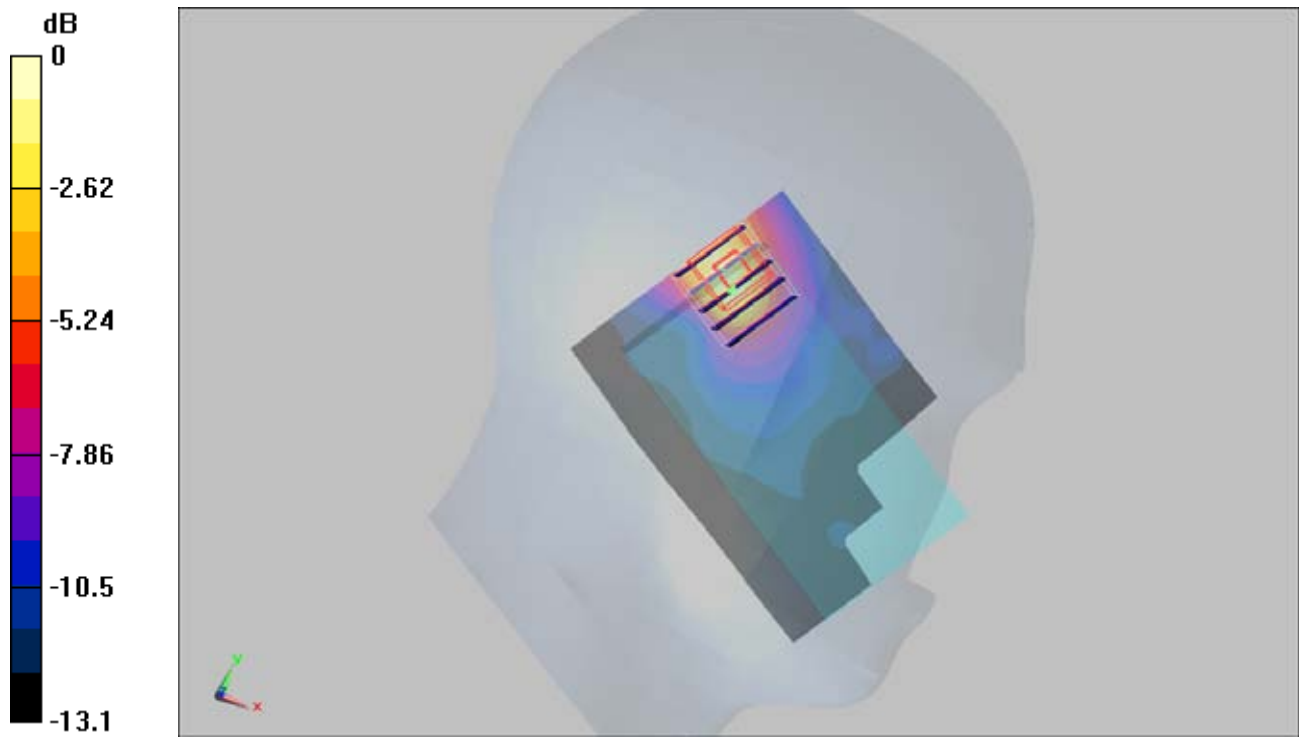
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.17 V/m; Power Drift = -0.043 dB

Peak SAR (extrapolated) = 1.07 W/kg

**SAR(1 g) = 0.446 mW/g; SAR(10 g) = 0.202 mW/g**

Maximum value of SAR (measured) = 0.435 mW/g



0 dB = 0.435mW/g

**#04 Wimax2600\_QPSK1-2\_Left Tilted\_Ch0\_Battery1\_10M\_Ant0\_2D**

**DUT: 161543**

Communication System: Wimax\_2.6G\_10M; Frequency: 2501 MHz; Duty Cycle: 1:3.24

Medium: HSL\_2600\_110630 Medium parameters used:  $f = 2501$  MHz;  $\sigma = 1.89$  mho/m;  $\epsilon_r = 38.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.72, 6.72, 6.72); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch0/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.360 mW/g

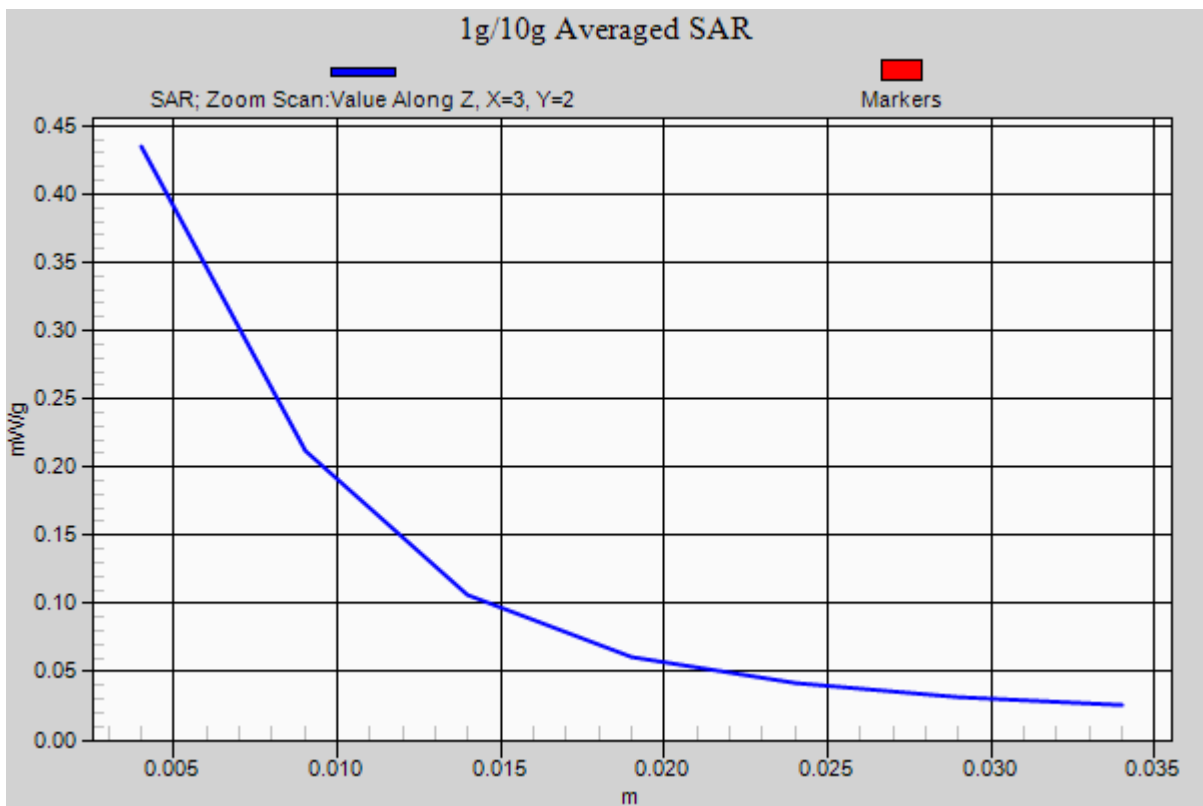
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.17 V/m; Power Drift = -0.043 dB

Peak SAR (extrapolated) = 1.07 W/kg

**SAR(1 g) = 0.446 mW/g; SAR(10 g) = 0.202 mW/g**

Maximum value of SAR (measured) = 0.435 mW/g



**#05 Wimax2600\_QPSK1-2\_Left Tilted\_Ch0\_Battery2\_10M\_Ant0**

**DUT: 161543**

Communication System: Wimax\_2.6G\_10M; Frequency: 2501 MHz; Duty Cycle: 1:3.24

Medium: HSL\_2600\_110630 Medium parameters used:  $f = 2501$  MHz;  $\sigma = 1.89$  mho/m;  $\epsilon_r = 38.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.72, 6.72, 6.72); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch0/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.378 mW/g

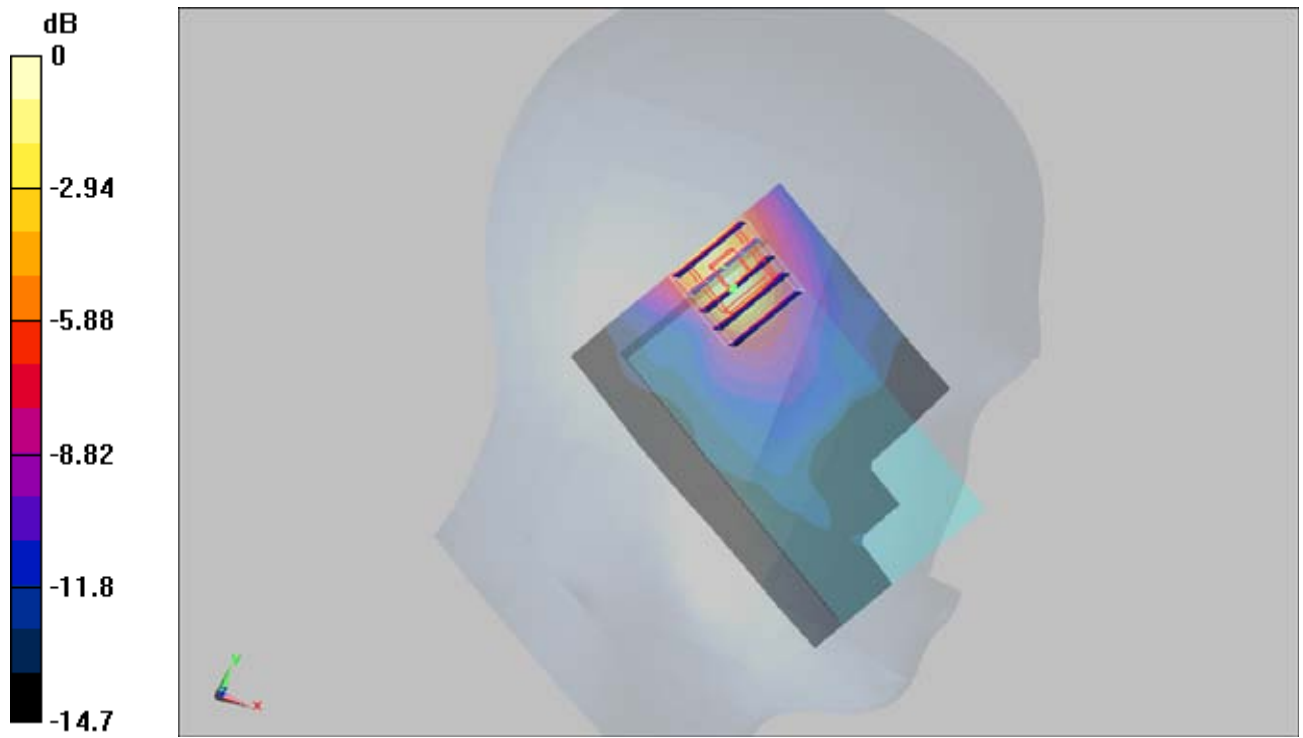
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.29 V/m; Power Drift = 0.111 dB

Peak SAR (extrapolated) = 1.05 W/kg

**SAR(1 g) = 0.439 mW/g; SAR(10 g) = 0.197 mW/g**

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



0 dB = 0.445mW/g



**#06 Wimax2600\_QPSK1-2\_Right Cheek\_Ch0\_Battery1\_10M\_Ant1**

**DUT: 161543**

Communication System: Wimax\_2.6G\_10M; Frequency: 2501 MHz; Duty Cycle: 1:3.24

Medium: HSL\_2600\_110630 Medium parameters used:  $f = 2501$  MHz;  $\sigma = 1.89$  mho/m;  $\epsilon_r = 38.7$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.5 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.72, 6.72, 6.72); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch0/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.140 mW/g

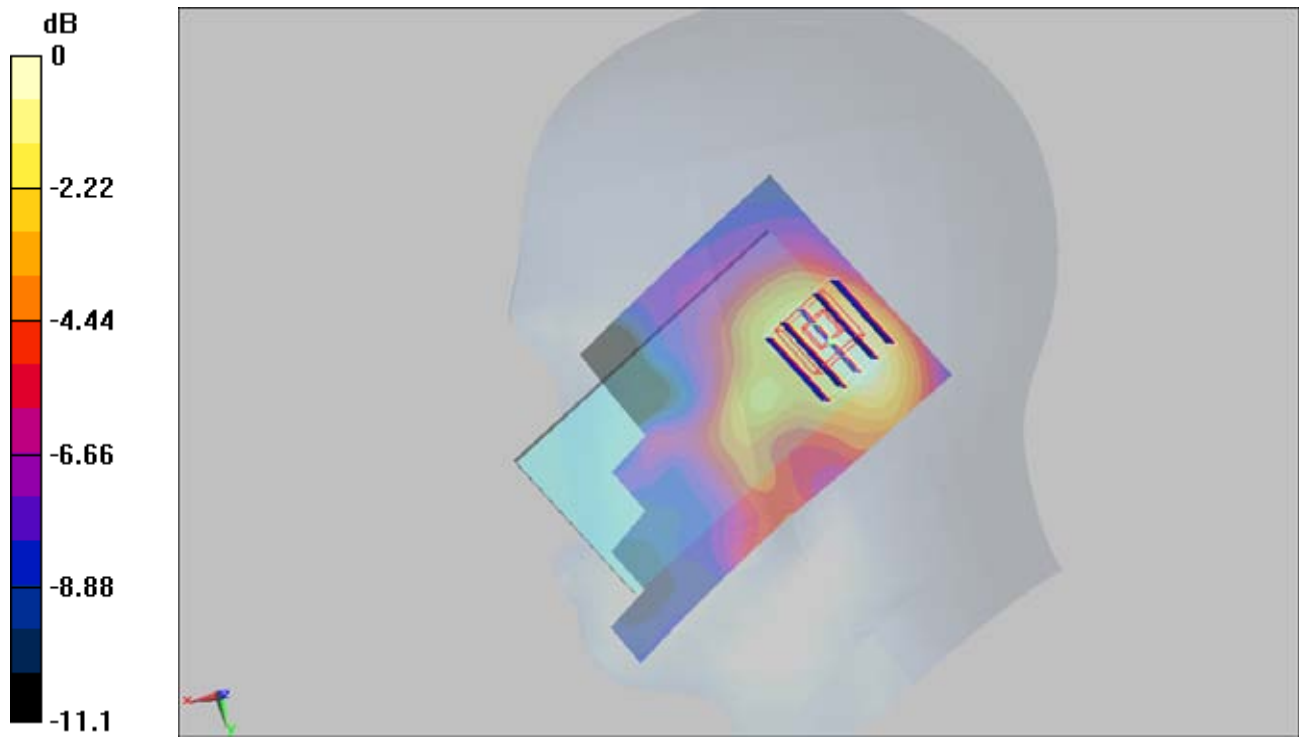
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.28 V/m; Power Drift = -0.108 dB

Peak SAR (extrapolated) = 0.224 W/kg

**SAR(1 g) = 0.116 mW/g; SAR(10 g) = 0.064 mW/g**

Maximum value of SAR (measured) = 0.126 mW/g



0 dB = 0.126mW/g

**#07 Wimax2600\_QPSK1-2\_Right Tilted\_Ch0\_Battery1\_10M\_Ant1**

**DUT: 161543**

Communication System: Wimax\_2.6G\_10M; Frequency: 2501 MHz; Duty Cycle: 1:3.24

Medium: HSL\_2600\_110630 Medium parameters used:  $f = 2501$  MHz;  $\sigma = 1.89$  mho/m;  $\epsilon_r = 38.7$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.5 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.72, 6.72, 6.72); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch0/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

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

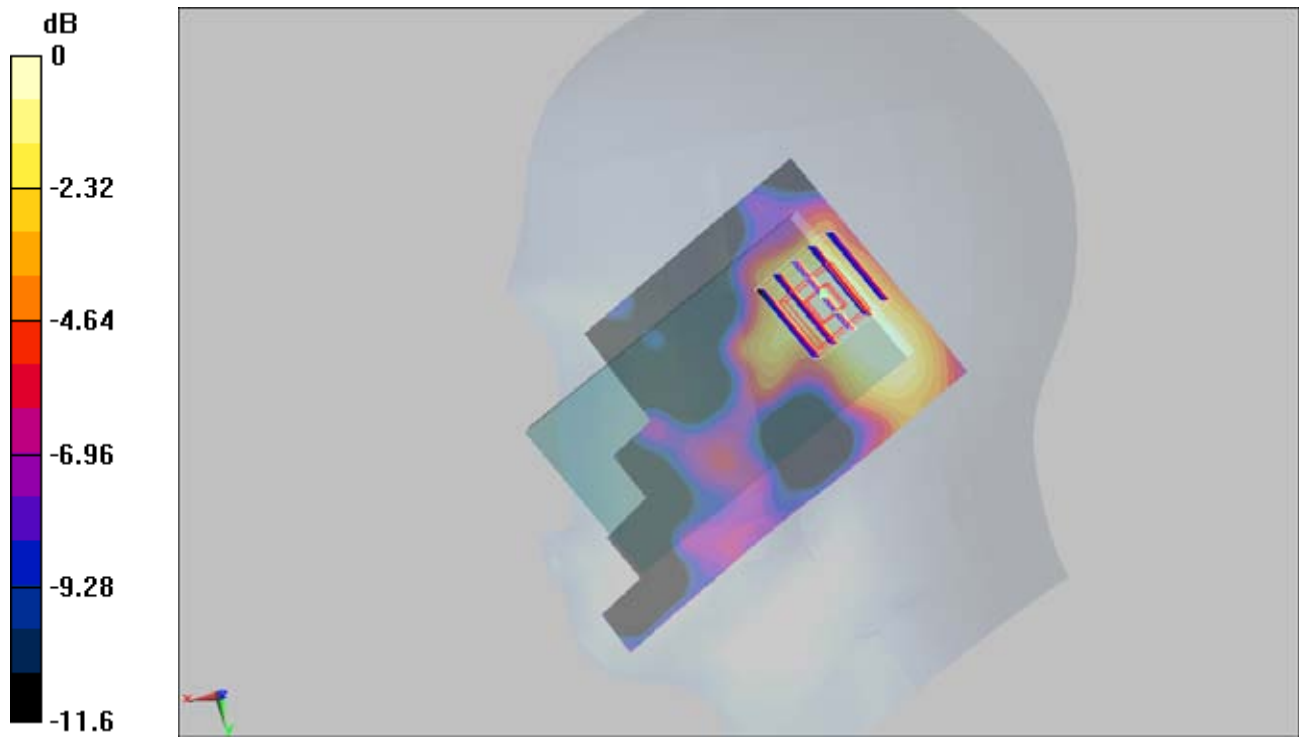
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.86 V/m; Power Drift = 0.065 dB

Peak SAR (extrapolated) = 0.165 W/kg

**SAR(1 g) = 0.087 mW/g; SAR(10 g) = 0.048 mW/g**

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



0 dB = 0.092mW/g

**#08 Wimax2600\_QPSK1-2\_Left Cheek\_Ch0\_Battery1\_10M\_Ant1**

**DUT: 161543**

Communication System: Wimax\_2.6G\_10M; Frequency: 2501 MHz; Duty Cycle: 1:3.24

Medium: HSL\_2600\_110630 Medium parameters used:  $f = 2501$  MHz;  $\sigma = 1.89$  mho/m;  $\epsilon_r = 38.7$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.5 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.72, 6.72, 6.72); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch0/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.347 mW/g

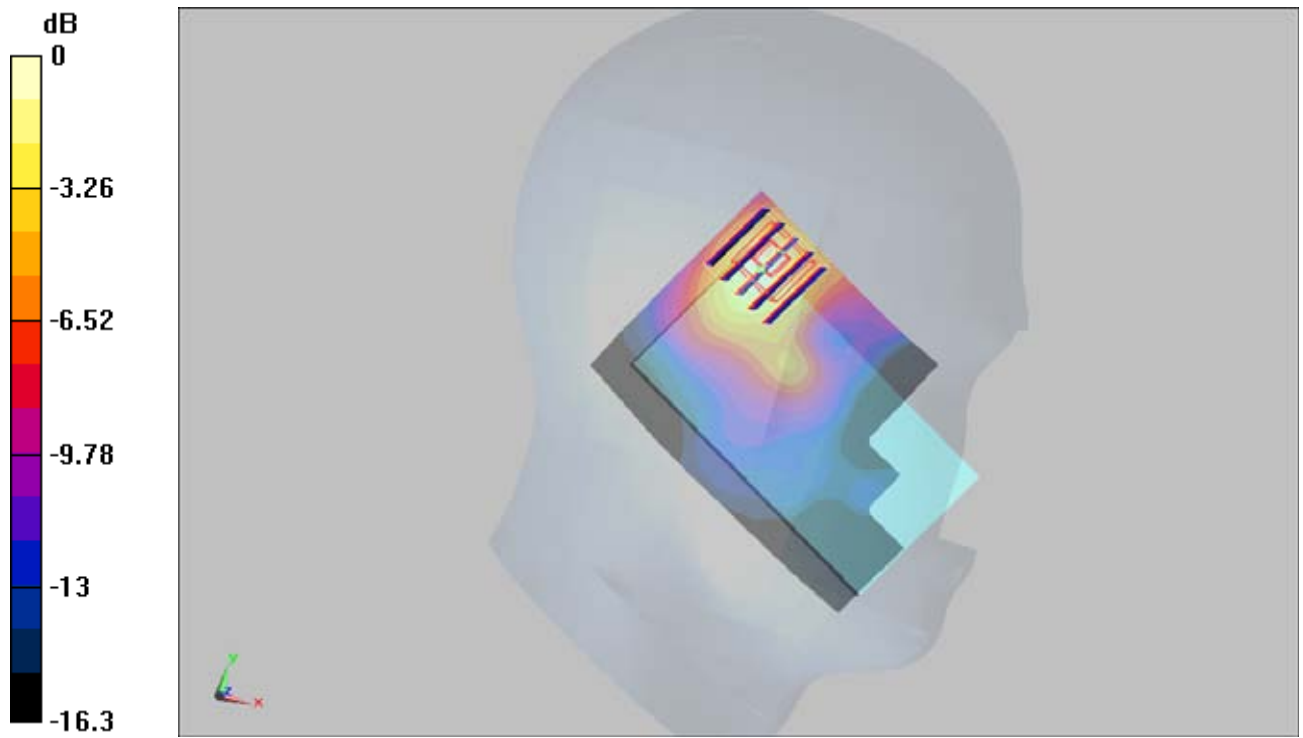
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.16 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 0.707 W/kg

**SAR(1 g) = 0.305 mW/g; SAR(10 g) = 0.143 mW/g**

Maximum value of SAR (measured) = 0.321 mW/g



#08 Wimax2600\_QPSK1-2\_Left Cheek\_Ch0\_Battery1\_10M\_Ant1\_2D

DUT: 161543

Communication System: Wimax\_2.6G\_10M; Frequency: 2501 MHz; Duty Cycle: 1:3.24

Medium: HSL\_2600\_110630 Medium parameters used:  $f = 2501$  MHz;  $\sigma = 1.89$  mho/m;  $\epsilon_r = 38.7$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.5 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.72, 6.72, 6.72); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch0/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.347 mW/g

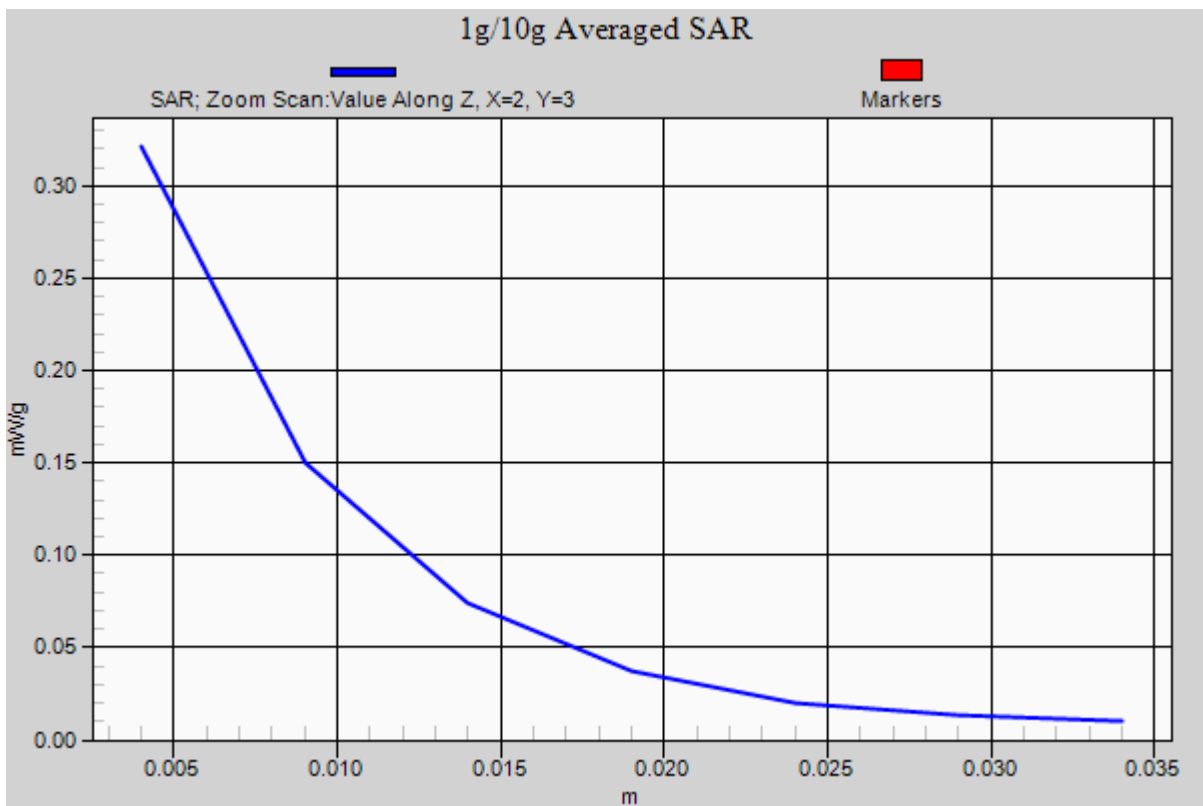
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.16 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 0.707 W/kg

**SAR(1 g) = 0.305 mW/g; SAR(10 g) = 0.143 mW/g**

Maximum value of SAR (measured) = 0.321 mW/g



**#09 Wimax2600\_QPSK1-2\_Left Tilted\_Ch0\_Battery1\_10M\_Ant1**

**DUT: 161543**

Communication System: Wimax\_2.6G\_10M; Frequency: 2501 MHz; Duty Cycle: 1:3.24

Medium: HSL\_2600\_110630 Medium parameters used:  $f = 2501$  MHz;  $\sigma = 1.89$  mho/m;  $\epsilon_r = 38.7$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.5 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.72, 6.72, 6.72); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch0/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

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

**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

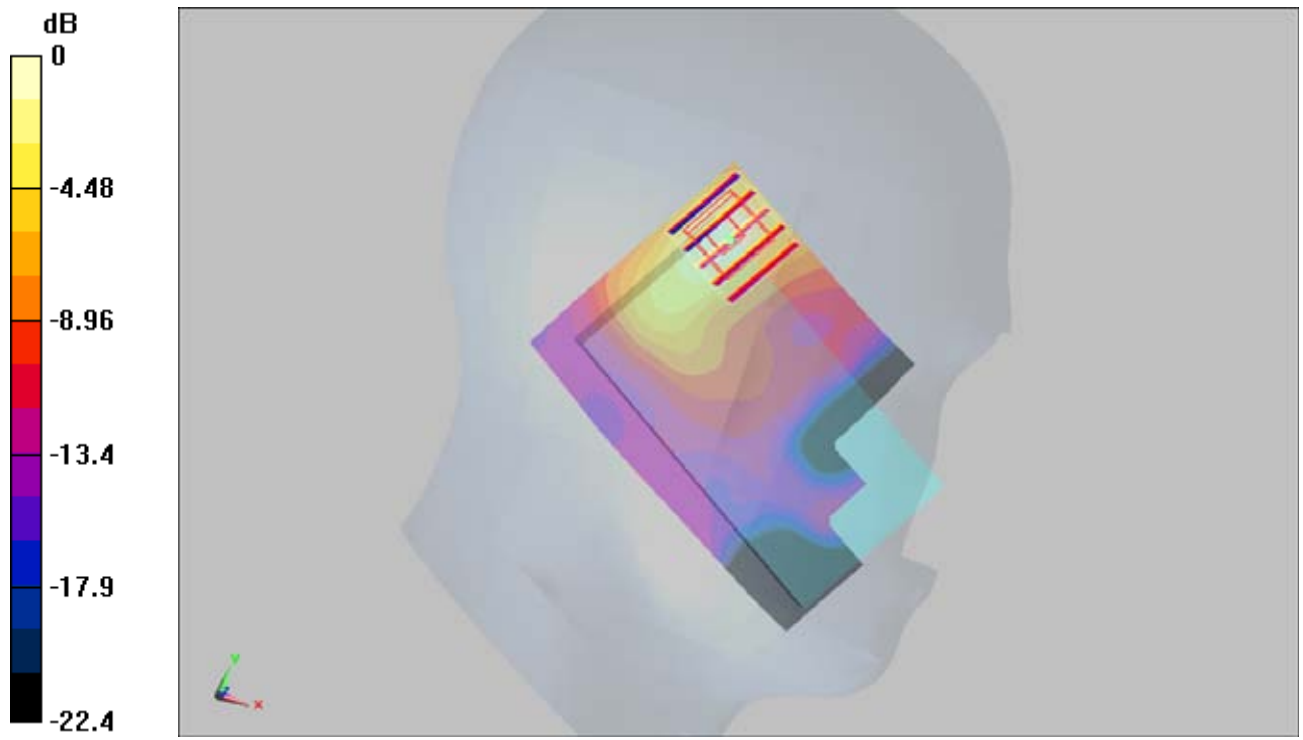
Reference Value = 6.87 V/m; Power Drift = -0.117 dB

Peak SAR (extrapolated) = 0.442 W/kg

**SAR(1 g) = 0.197 mW/g; SAR(10 g) = 0.092 mW/g**

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





0 dB = 0.219mW/g

**#10 Wimax2600\_QPSK1-2\_Left Cheek\_Ch0\_Battery2\_10M\_Ant1**

**DUT: 161543**

Communication System: Wimax\_2.6G\_10M; Frequency: 2501 MHz; Duty Cycle: 1:3.24

Medium: HSL\_2600\_110630 Medium parameters used:  $f = 2501$  MHz;  $\sigma = 1.89$  mho/m;  $\epsilon_r = 38.7$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.5 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.72, 6.72, 6.72); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch0/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.342 mW/g

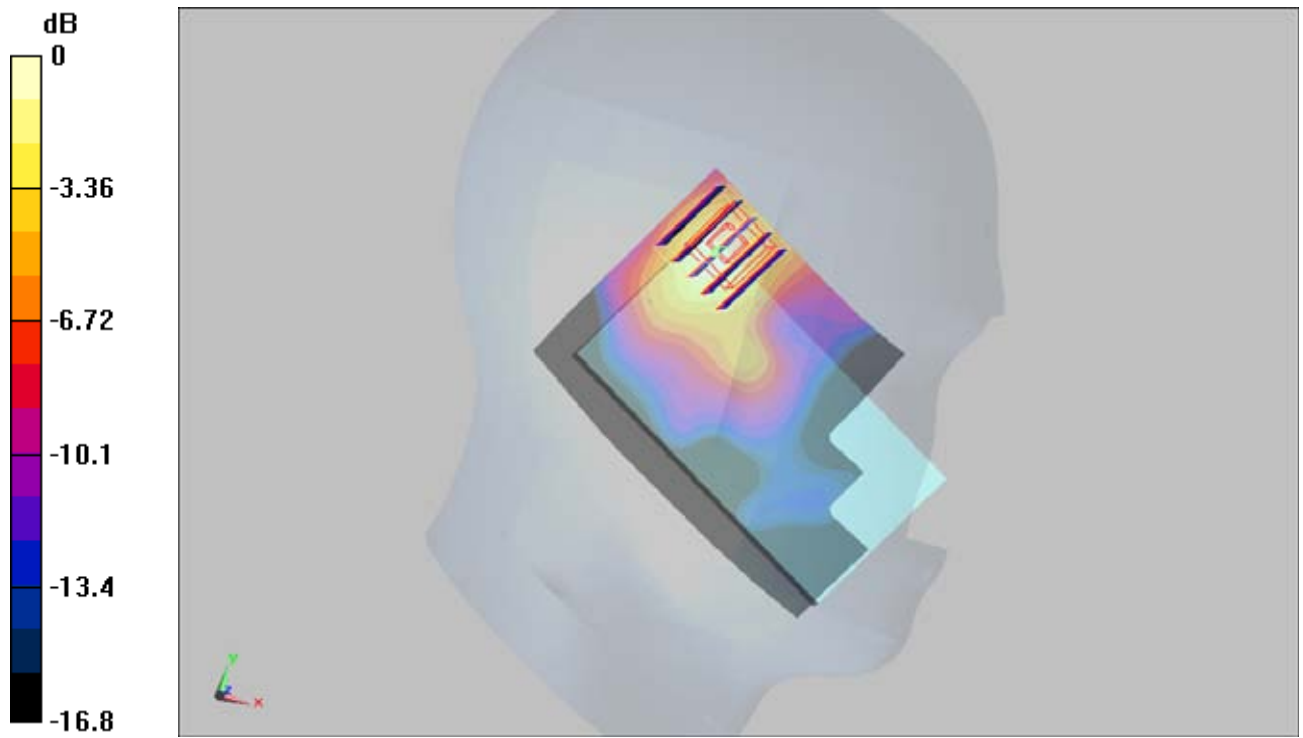
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.07 V/m; Power Drift = 0.069 dB

Peak SAR (extrapolated) = 0.695 W/kg

**SAR(1 g) = 0.302 mW/g; SAR(10 g) = 0.142 mW/g**

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



0 dB = 0.316mW/g

## #11 Wimax2600\_QPSK1-2\_Right Cheek\_Ch0\_Battery1\_5M\_Ant0

**DUT: 161543**

Communication System: Wimax\_2.6G\_5M; Frequency: 2498.5 MHz; Duty Cycle: 1:3.24

Medium: HSL\_2450\_110630 Medium parameters used:  $f = 2498.5$  MHz;  $\sigma = 1.86$  mho/m;  $\epsilon_r = 38.2$ ;

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.92, 6.92, 6.92); Calibrated: 2011/6/20

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

- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7

- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383

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

**Ch0/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.282 mW/g

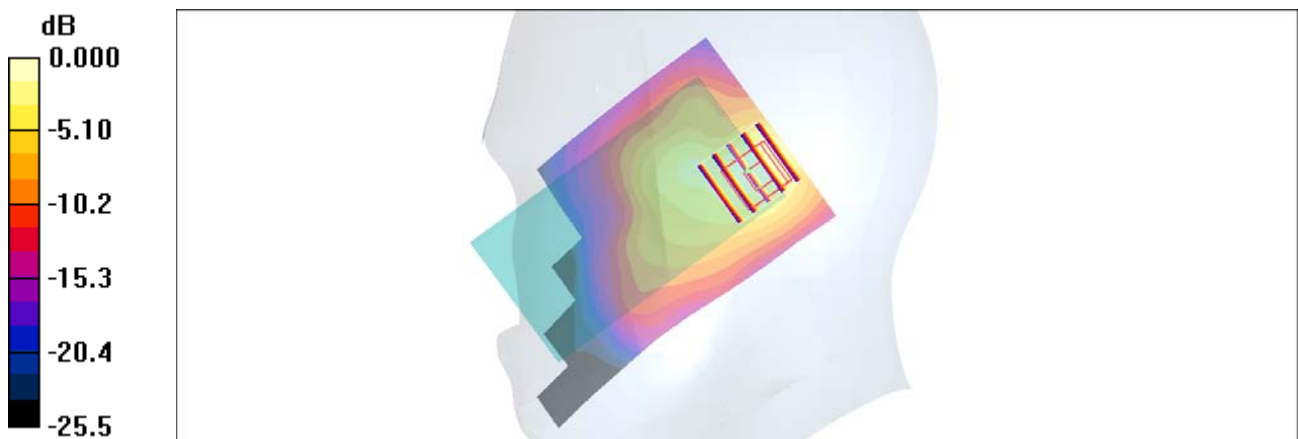
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.96 V/m; Power Drift = 0.063 dB

Peak SAR (extrapolated) = 0.668 W/kg

**SAR(1 g) = 0.311 mW/g; SAR(10 g) = 0.148 mW/g**

Maximum value of SAR (measured) = 0.318 mW/g



0 dB = 0.318mW/g

## #12 Wimax2600\_QPSK1-2\_Right Tilted\_Ch0\_Battery1\_5M\_Ant0

**DUT: 161543**

Communication System: Wimax\_2.6G\_5M; Frequency: 2498.5 MHz; Duty Cycle: 1:3.24

Medium: HSL\_2450\_110630 Medium parameters used:  $f = 2498.5$  MHz;  $\sigma = 1.86$  mho/m;  $\epsilon_r = 38.2$ ;

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.92, 6.92, 6.92); Calibrated: 2011/6/20

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

- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7

- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383

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

**Ch0/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.312 mW/g

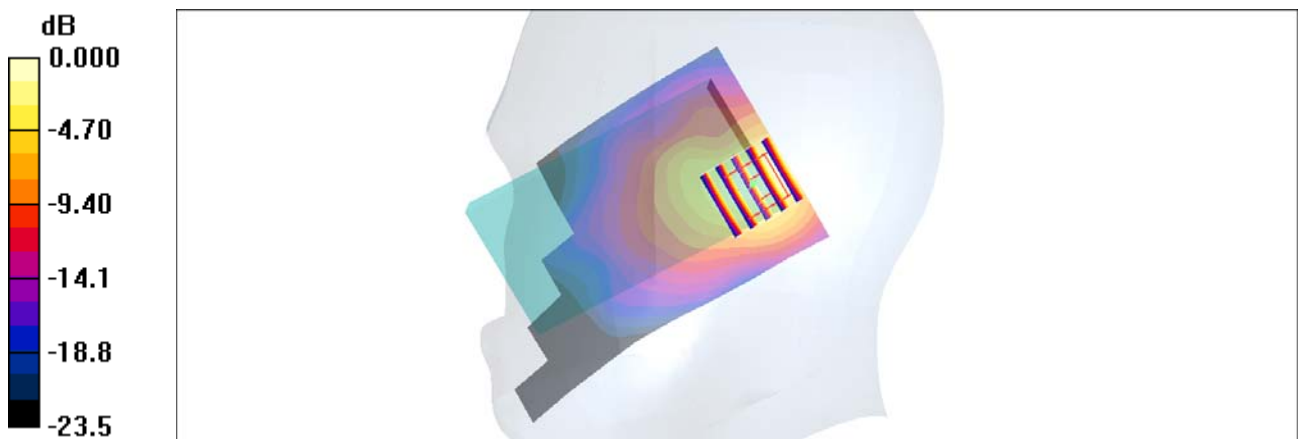
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.33 V/m; Power Drift = 0.025 dB

Peak SAR (extrapolated) = 0.740 W/kg

**SAR(1 g) = 0.346 mW/g; SAR(10 g) = 0.164 mW/g**

Maximum value of SAR (measured) = 0.370 mW/g



0 dB = 0.370mW/g

### #13 Wimax2600\_QPSK1-2\_Left Cheek\_Ch0\_Battery1\_5M\_Ant0

**DUT: 161543**

Communication System: Wimax\_2.6G\_5M; Frequency: 2498.5 MHz; Duty Cycle: 1:3.24

Medium: HSL\_2450\_110630 Medium parameters used:  $f = 2498.5$  MHz;  $\sigma = 1.86$  mho/m;  $\epsilon_r = 38.2$ ;

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.92, 6.92, 6.92); Calibrated: 2011/6/20

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

- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7

- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383

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

**Ch0/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.473 mW/g

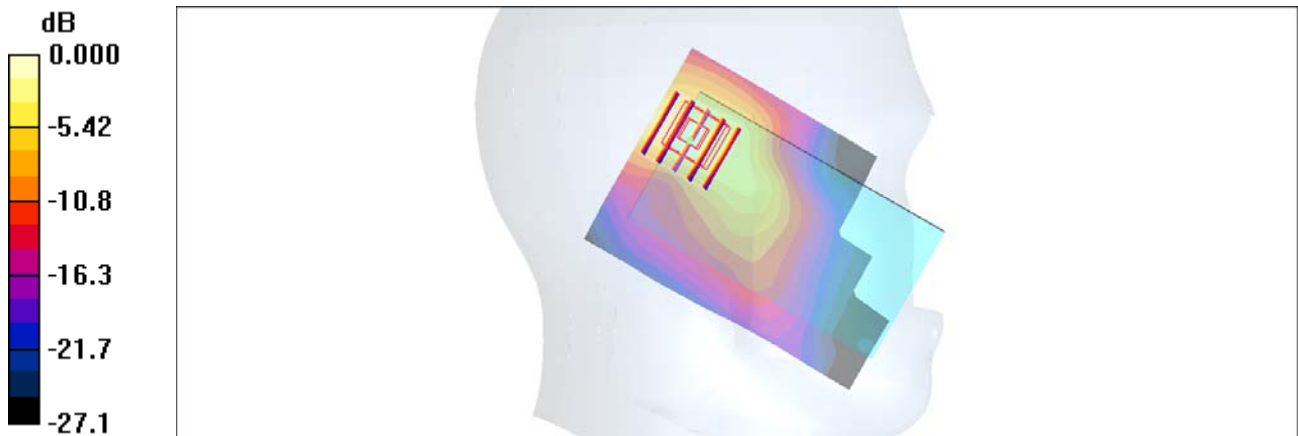
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.67 V/m; Power Drift = -0.042 dB

Peak SAR (extrapolated) = 1.10 W/kg

**SAR(1 g) = 0.474 mW/g; SAR(10 g) = 0.214 mW/g**

Maximum value of SAR (measured) = 0.508 mW/g



0 dB = 0.508mW/g

### #14 Wimax2600\_QPSK1-2\_Left Tilted\_Ch0\_Battery1\_5M\_Ant0

**DUT: 161543**

Communication System: Wimax\_2.6G\_5M; Frequency: 2498.5 MHz; Duty Cycle: 1:3.24

Medium: HSL\_2450\_110630 Medium parameters used:  $f = 2498.5$  MHz;  $\sigma = 1.86$  mho/m;  $\epsilon_r = 38.2$ ;

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.92, 6.92, 6.92); Calibrated: 2011/6/20

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

- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7

- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383

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

**Ch0/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

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

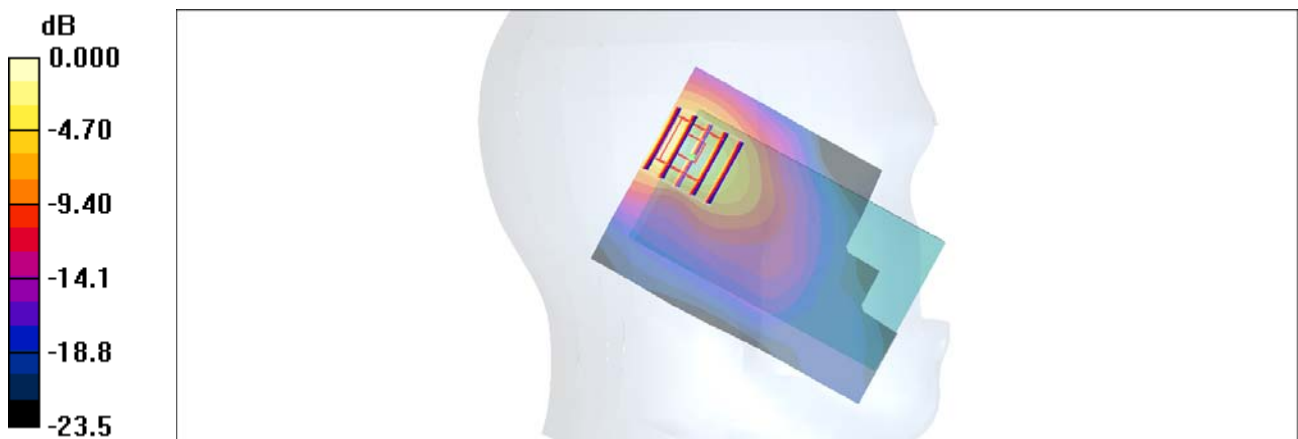
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.59 V/m; Power Drift = -0.010 dB

Peak SAR (extrapolated) = 1.25 W/kg

**SAR(1 g) = 0.532 mW/g; SAR(10 g) = 0.237 mW/g**

Maximum value of SAR (measured) = 0.562 mW/g



0 dB = 0.562mW/g

## #14 Wimax2600\_QPSK1-2\_Left Tilted\_Ch0\_Battery1\_5M\_Ant0\_2D

**DUT: 161543**

Communication System: Wimax\_2.6G\_5M; Frequency: 2498.5 MHz; Duty Cycle: 1:3.24

Medium: HSL\_2450\_110630 Medium parameters used:  $f = 2498.5$  MHz;  $\sigma = 1.86$  mho/m;  $\epsilon_r = 38.2$ ;

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.92, 6.92, 6.92); Calibrated: 2011/6/20

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

- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7

- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383

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

**Ch0/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

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

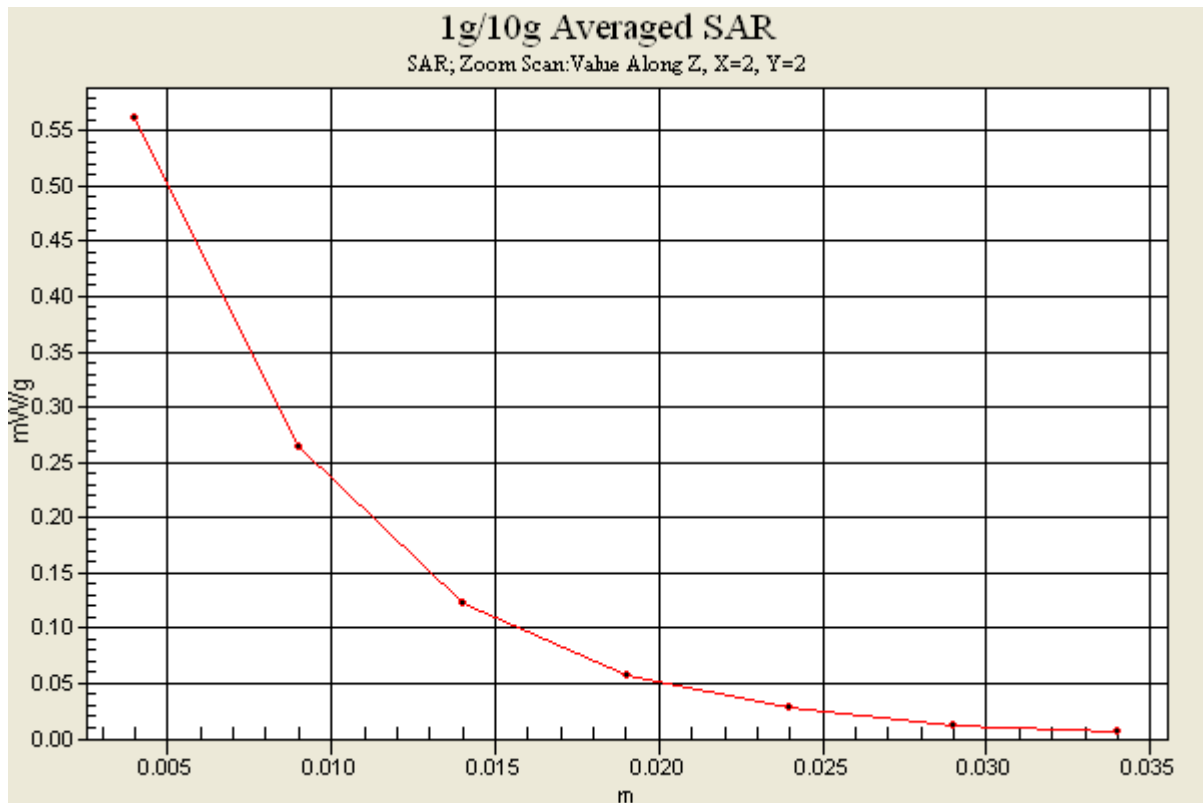
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.59 V/m; Power Drift = -0.010 dB

Peak SAR (extrapolated) = 1.25 W/kg

**SAR(1 g) = 0.532 mW/g; SAR(10 g) = 0.237 mW/g**

Maximum value of SAR (measured) = 0.562 mW/g





### #15 Wimax2600\_QPSK1-2\_Left Tilted\_Ch0\_Battery2\_5M\_Ant0

**DUT: 161543**

Communication System: Wimax\_2.6G\_5M; Frequency: 2498.5 MHz; Duty Cycle: 1:3.24

Medium: HSL\_2450\_110630 Medium parameters used:  $f = 2498.5$  MHz;  $\sigma = 1.86$  mho/m;  $\epsilon_r = 38.2$ ;

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.92, 6.92, 6.92); Calibrated: 2011/6/20

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

- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7

- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383

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

**Ch0/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.452 mW/g

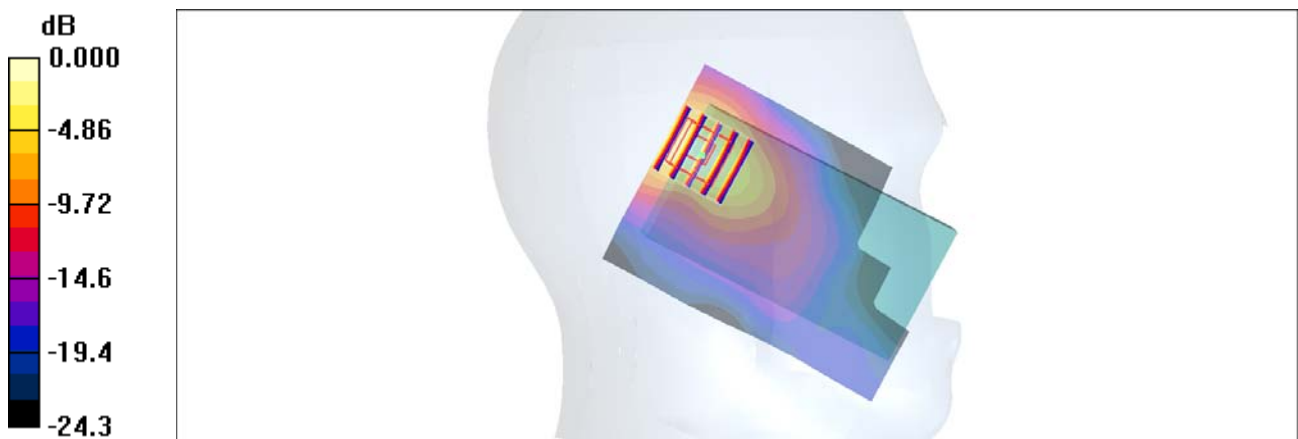
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.84 V/m; Power Drift = -0.041 dB

Peak SAR (extrapolated) = 1.02 W/kg

**SAR(1 g) = 0.437 mW/g; SAR(10 g) = 0.196 mW/g**

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



0 dB = 0.485mW/g

## #16 Wimax2600\_QPSK1-2\_Right Cheek\_Ch0\_Battery1\_5M\_Ant1

**DUT: 161543**

Communication System: Wimax\_2.6G\_5M; Frequency: 2498.5 MHz; Duty Cycle: 1:3.24

Medium: HSL\_2450\_110630 Medium parameters used:  $f = 2498.5$  MHz;  $\sigma = 1.86$  mho/m;  $\epsilon_r = 38.2$ ;

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.92, 6.92, 6.92); Calibrated: 2011/6/20

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

- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7

- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383

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

**Ch0/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.147 mW/g

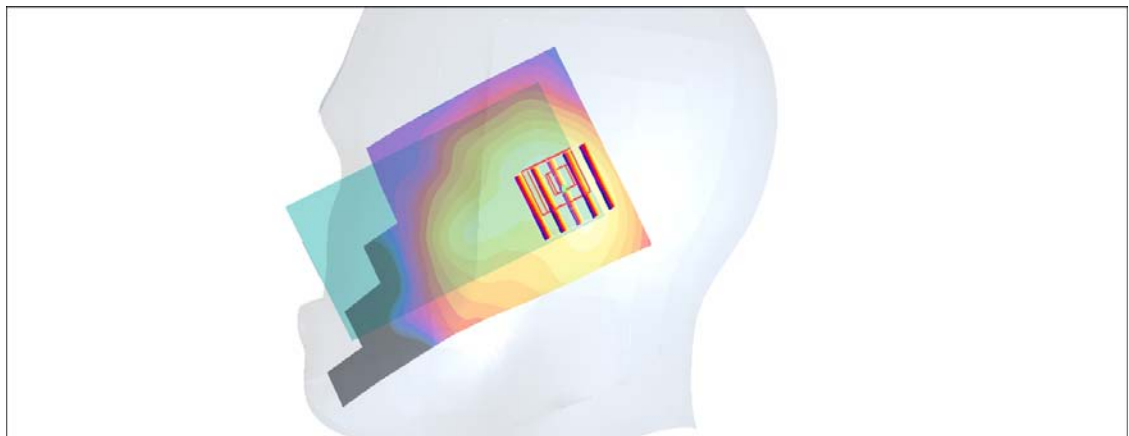
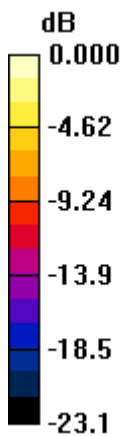
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.54 V/m; Power Drift = -0.062 dB

Peak SAR (extrapolated) = 0.242 W/kg

**SAR(1 g) = 0.124 mW/g; SAR(10 g) = 0.065 mW/g**

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



0 dB = 0.136mW/g

### #17 Wimax2600\_QPSK1-2\_Right Tilted\_Ch0\_Battery1\_5M\_Ant1

**DUT: 161543**

Communication System: Wimax\_2.6G\_5M; Frequency: 2498.5 MHz; Duty Cycle: 1:3.24

Medium: HSL\_2450\_110630 Medium parameters used:  $f = 2498.5$  MHz;  $\sigma = 1.86$  mho/m;  $\epsilon_r = 38.2$ ;

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.92, 6.92, 6.92); Calibrated: 2011/6/20

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

- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7

- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383

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

**Ch0/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

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

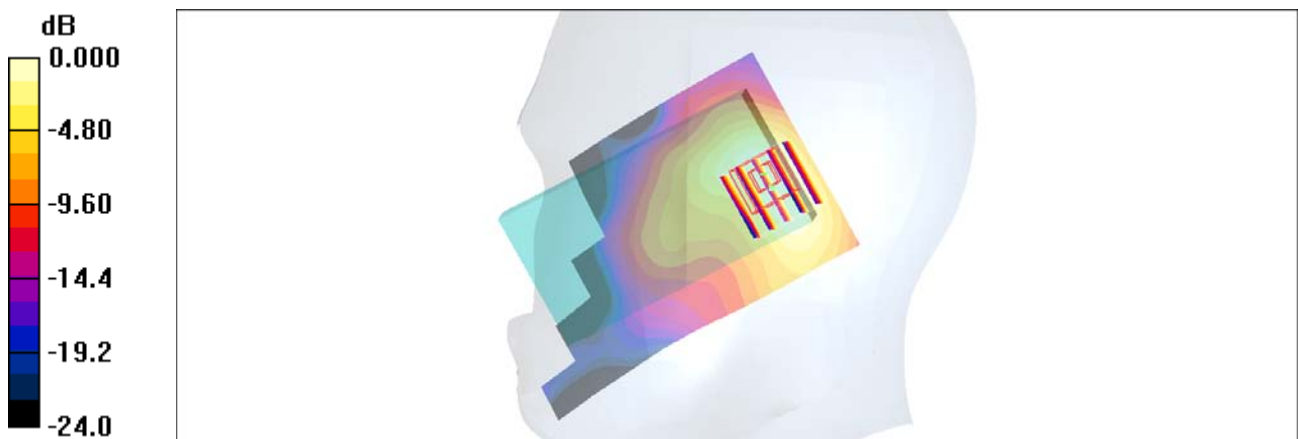
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.43 V/m; Power Drift = -0.098 dB

Peak SAR (extrapolated) = 0.205 W/kg

**SAR(1 g) = 0.100 mW/g; SAR(10 g) = 0.050 mW/g**

Maximum value of SAR (measured) = 0.108 mW/g



0 dB = 0.108mW/g

## #18 Wimax2600\_QPSK1-2\_Left Cheek\_Ch0\_Battery1\_5M\_Ant1

**DUT: 161543**

Communication System: Wimax\_2.6G\_5M; Frequency: 2498.5 MHz; Duty Cycle: 1:3.24

Medium: HSL\_2450\_110630 Medium parameters used:  $f = 2498.5$  MHz;  $\sigma = 1.86$  mho/m;  $\epsilon_r = 38.2$ ;

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.92, 6.92, 6.92); Calibrated: 2011/6/20

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

- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7

- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383

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

**Ch0/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.340 mW/g

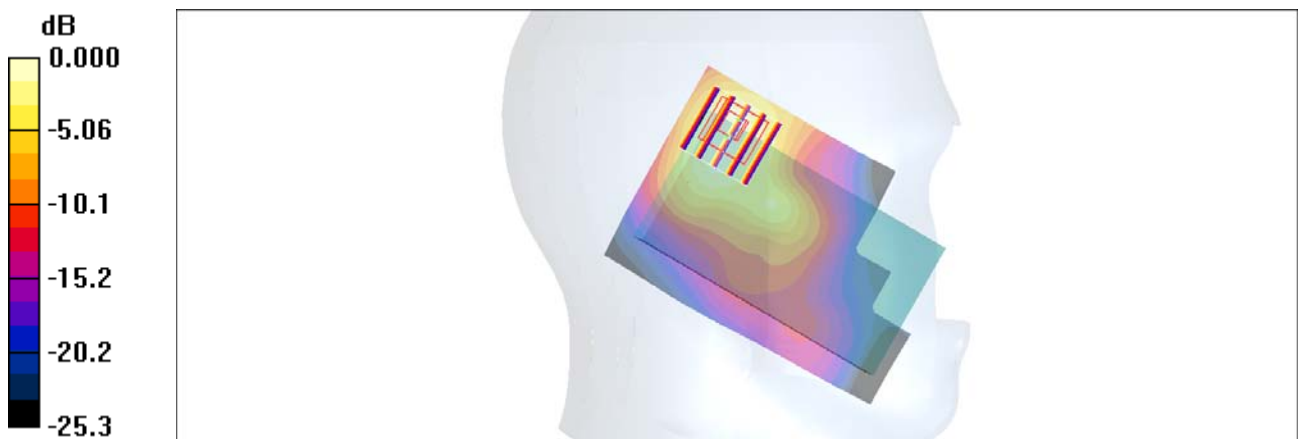
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.94 V/m; Power Drift = -0.074 dB

Peak SAR (extrapolated) = 0.614 W/kg

**SAR(1 g) = 0.270 mW/g; SAR(10 g) = 0.127 mW/g**

Maximum value of SAR (measured) = 0.293 mW/g



0 dB = 0.293mW/g

#18 Wimax2600\_QPSK1-2\_Left Cheek\_Ch0\_Battery1\_5M\_Ant1\_2D

DUT: 161543

Communication System: Wimax\_2.6G\_5M; Frequency: 2498.5 MHz; Duty Cycle: 1:3.24

Medium: HSL\_2450\_110630 Medium parameters used :  $f = 2498.5$  MHz;  $\sigma = 1.86$  mho/m;  $\epsilon_r = 38.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.92, 6.92, 6.92); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; SEMCAD X Version 13.4 Build 125

**Ch0/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.340 mW/g

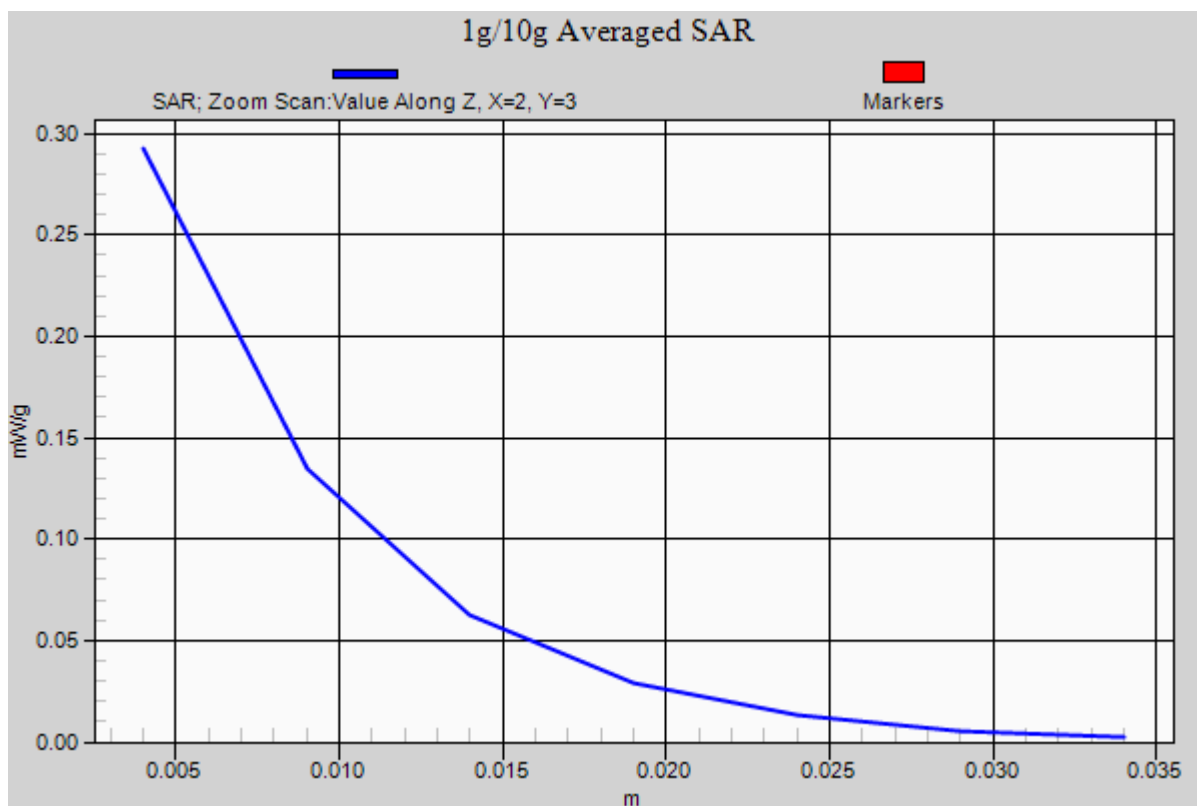
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.94 V/m; Power Drift = -0.074 dB

Peak SAR (extrapolated) = 0.614 W/kg

**SAR(1 g) = 0.270 mW/g; SAR(10 g) = 0.127 mW/g**

Maximum value of SAR (measured) = 0.293 mW/g



### #19 Wimax2600\_QPSK1-2\_Left Tilted\_Ch0\_Battery1\_5M\_Ant1

**DUT: 161543**

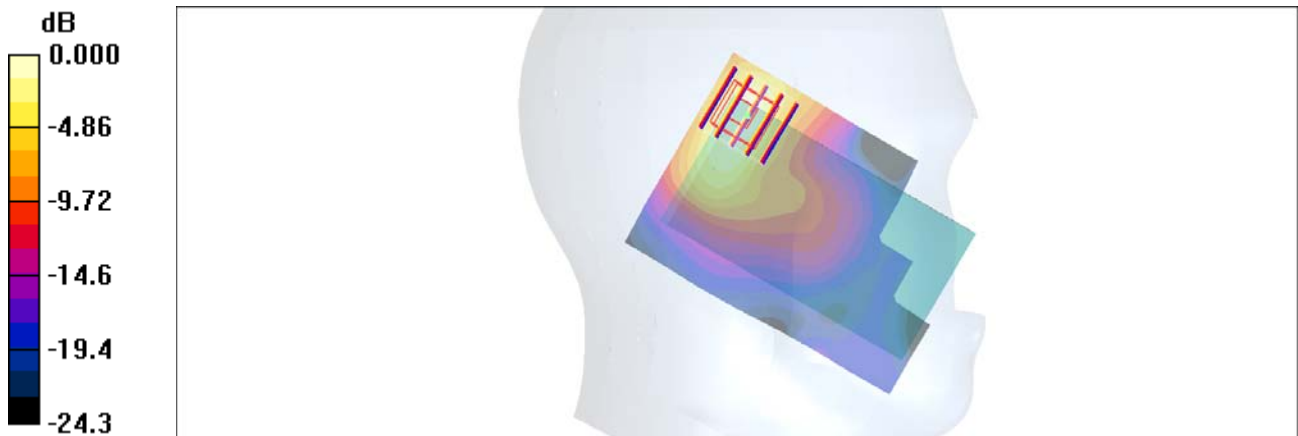
Communication System: Wimax\_2.6G\_5M; Frequency: 2498.5 MHz; Duty Cycle: 1:3.24  
Medium: HSL\_2450\_110630 Medium parameters used:  $f = 2498.5$  MHz;  $\sigma = 1.86$  mho/m;  $\epsilon_r = 38.2$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.92, 6.92, 6.92); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch0/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.207 mW/g

**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 7.42 V/m; Power Drift = 0.028 dB  
Peak SAR (extrapolated) = 0.433 W/kg  
**SAR(1 g) = 0.186 mW/g; SAR(10 g) = 0.084 mW/g**  
Maximum value of SAR (measured) = 0.213 mW/g



0 dB = 0.213mW/g

## #20 Wimax2600\_QPSK1-2\_Left Cheek\_Ch0\_Battery2\_5M\_Ant1

**DUT: 161543**

Communication System: Wimax\_2.6G\_5M; Frequency: 2498.5 MHz; Duty Cycle: 1:3.24

Medium: HSL\_2450\_110630 Medium parameters used:  $f = 2498.5$  MHz;  $\sigma = 1.86$  mho/m;  $\epsilon_r = 38.2$ ;

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.92, 6.92, 6.92); Calibrated: 2011/6/20

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

- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7

- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383

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

**Ch0/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.330 mW/g

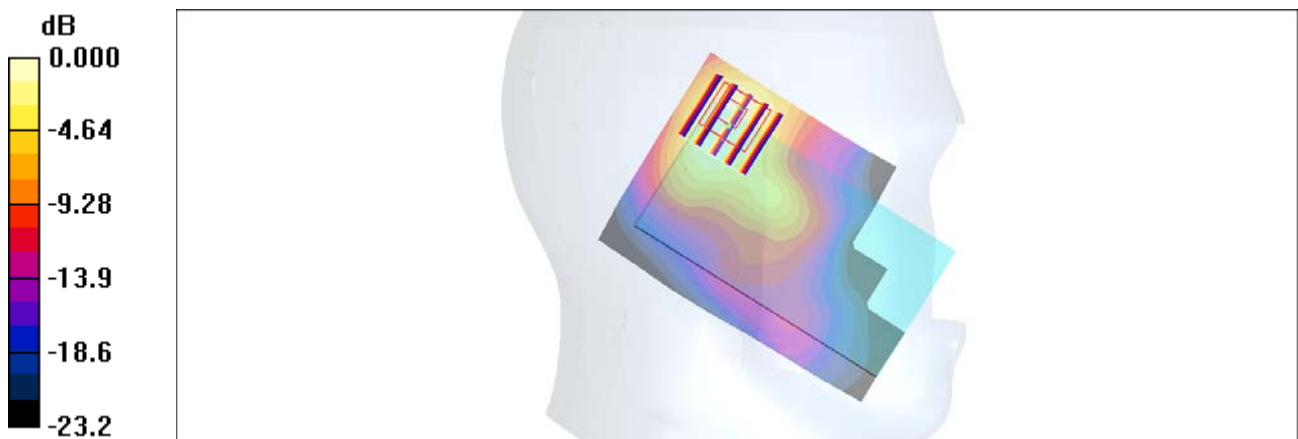
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.80 V/m; Power Drift = 0.045 dB

Peak SAR (extrapolated) = 0.617 W/kg

**SAR(1 g) = 0.268 mW/g; SAR(10 g) = 0.125 mW/g**

Maximum value of SAR (measured) = 0.297 mW/g



0 dB = 0.297mW/g

## #21 Wimax2600\_QPSK1-2\_Front Face\_Ch0\_1cm\_Battery1\_10M\_Ant0

**DUT: 161543**

Communication System: Wimax\_2.6G\_10M; Frequency: 2501 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110630 Medium parameters used:  $f = 2501$  MHz;  $\sigma = 2.06$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.53, 6.53, 6.53); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch0/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.113 mW/g

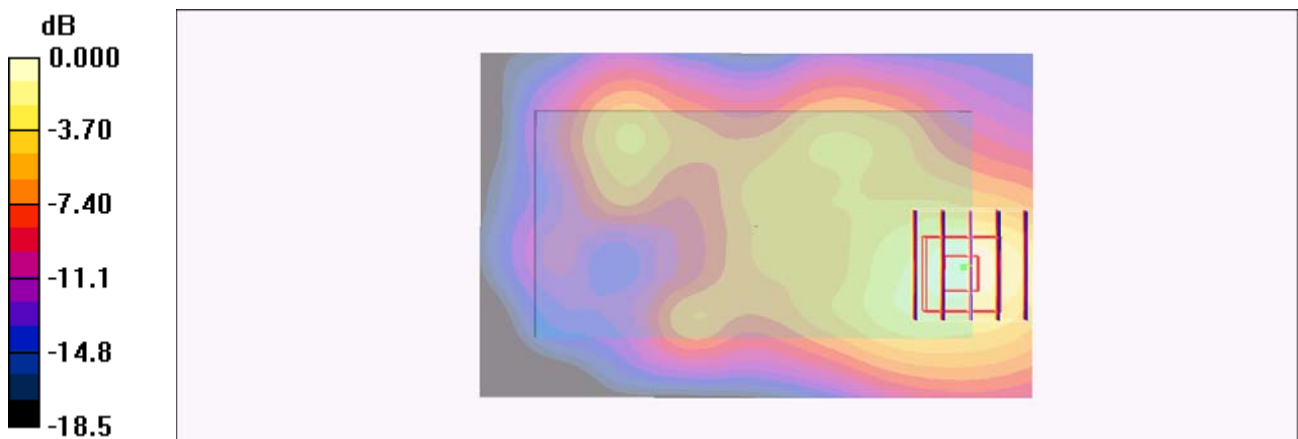
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.06 V/m; Power Drift = 0.009 dB

Peak SAR (extrapolated) = 0.209 W/kg

**SAR(1 g) = 0.107 mW/g; SAR(10 g) = 0.056 mW/g**

Maximum value of SAR (measured) = 0.113 mW/g



0 dB = 0.113mW/g



## #22 Wimax2600\_QPSK1-2\_Rear Face\_Ch0\_1cm\_Battery1\_10M\_Ant0

**DUT: 161543**

Communication System: Wimax\_2.6G\_10M; Frequency: 2501 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110630 Medium parameters used:  $f = 2501$  MHz;  $\sigma = 2.06$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.53, 6.53, 6.53); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch0/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

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

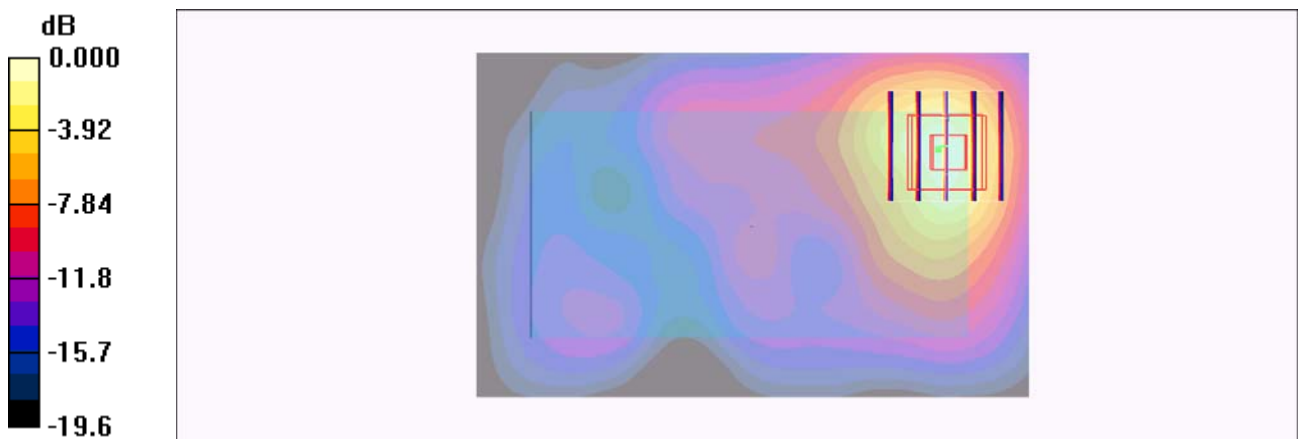
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.05 V/m; Power Drift = 0.173 dB

Peak SAR (extrapolated) = 0.874 W/kg

**SAR(1 g) = 0.444 mW/g; SAR(10 g) = 0.215 mW/g**

Maximum value of SAR (measured) = 0.499 mW/g



0 dB = 0.499mW/g

### #23 Wimax2600\_QPSK1-2\_Left Side\_Ch0\_1cm\_Battery1\_10M\_Ant0

**DUT: 161543**

Communication System: Wimax\_2.6G\_10M; Frequency: 2501 MHz; Duty Cycle: 1:3.24  
Medium: MSL\_2600\_110630 Medium parameters used:  $f = 2501$  MHz;  $\sigma = 2.06$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 22.8 °C ; Liquid Temperature : 21.4 °C

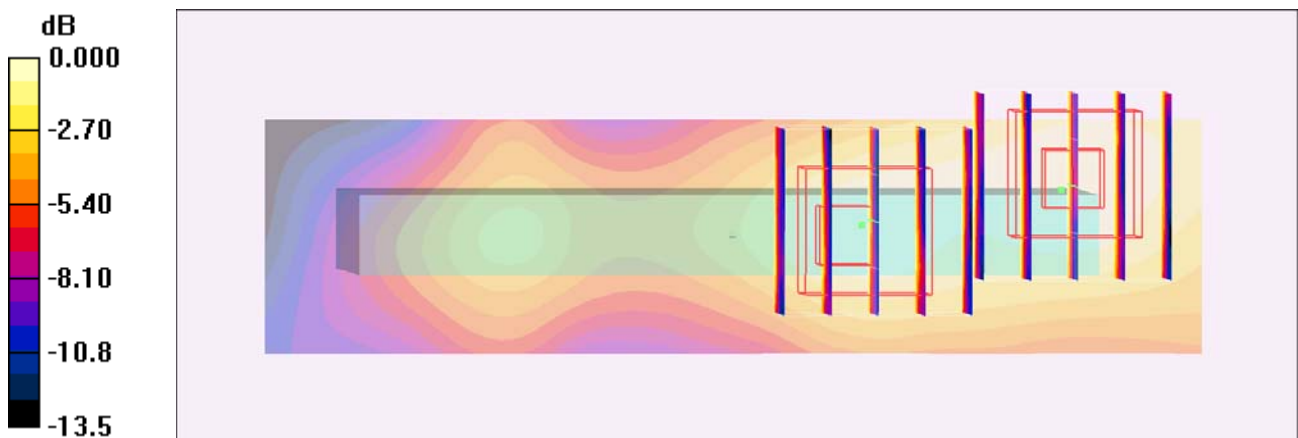
DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.53, 6.53, 6.53); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch0/Area Scan (21x81x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.031 mW/g

**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 2.89 V/m; Power Drift = 0.109 dB  
Peak SAR (extrapolated) = 0.051 W/kg  
**SAR(1 g) = 0.027 mW/g; SAR(10 g) = 0.015 mW/g**  
Maximum value of SAR (measured) = 0.029 mW/g

**Ch0/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 2.89 V/m; Power Drift = 0.109 dB  
Peak SAR (extrapolated) = 0.045 W/kg  
**SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.015 mW/g**  
Maximum value of SAR (measured) = 0.028 mW/g



0 dB = 0.028mW/g

## #24 Wimax2600\_QPSK1-2\_Right Side\_Ch0\_1cm\_Battery1\_10M\_Ant0

**DUT: 161543**

Communication System: Wimax\_2.6G\_10M; Frequency: 2501 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110630 Medium parameters used:  $f = 2501$  MHz;  $\sigma = 2.06$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.53, 6.53, 6.53); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch0/Area Scan (21x81x1):** Measurement grid: dx=20mm, dy=20mm

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

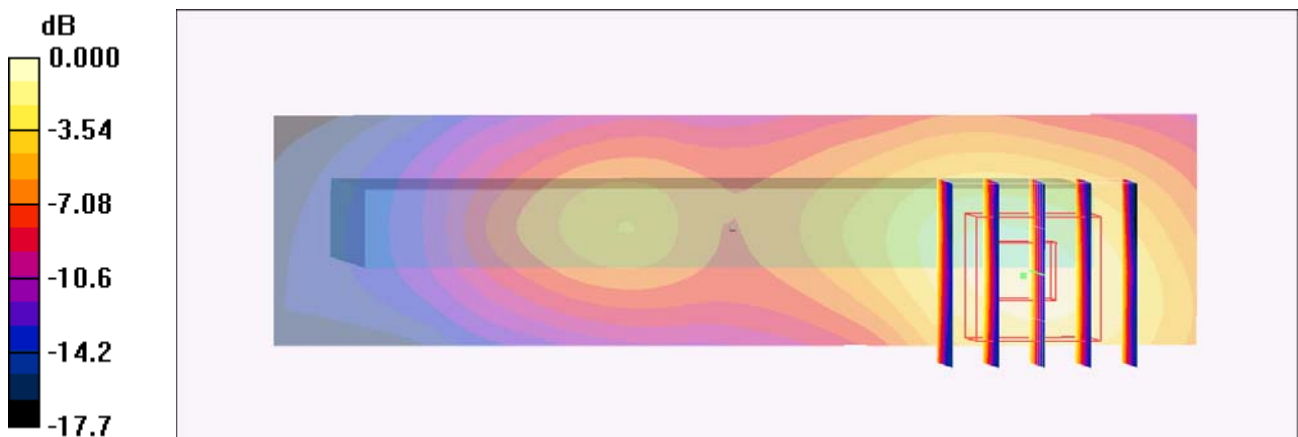
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.58 V/m; Power Drift = 0.147 dB

Peak SAR (extrapolated) = 0.219 W/kg

**SAR(1 g) = 0.114 mW/g; SAR(10 g) = 0.060 mW/g**

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



0 dB = 0.127mW/g

## #25 Wimax2600\_QPSK1-2\_Top Side\_Ch0\_1cm\_Battery1\_10M\_Ant0

**DUT: 161543**

Communication System: Wimax\_2.6G\_10M; Frequency: 2501 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110630 Medium parameters used:  $f = 2501$  MHz;  $\sigma = 2.06$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.53, 6.53, 6.53); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch0/Area Scan (31x41x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.297 mW/g

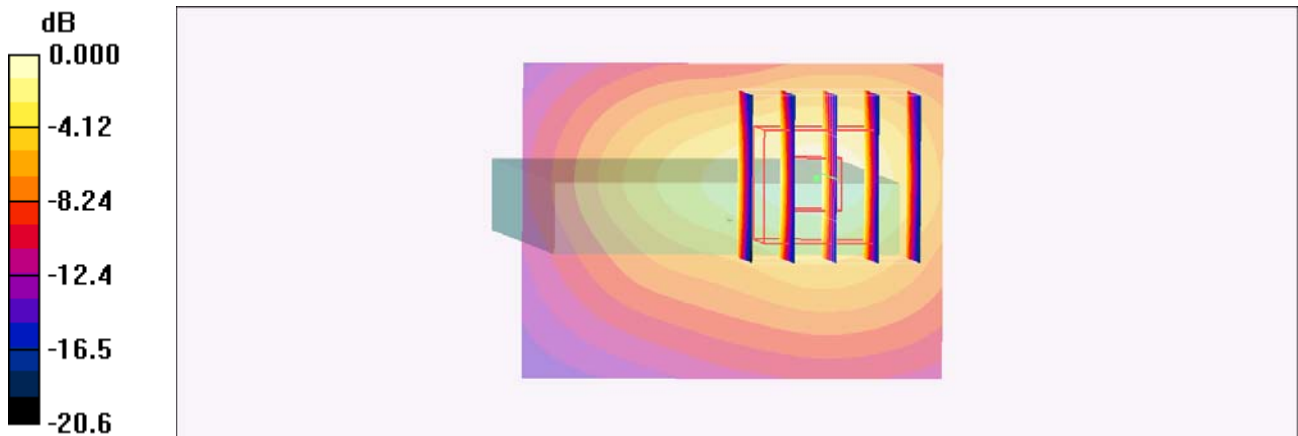
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.37 V/m; Power Drift = 0.061 dB

Peak SAR (extrapolated) = 0.553 W/kg

**SAR(1 g) = 0.278 mW/g; SAR(10 g) = 0.135 mW/g**

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



0 dB = 0.308mW/g

## #26 Wimax2600\_QPSK1-2\_Bottom Side\_Ch0\_1cm\_Battery1\_10M\_Ant0

**DUT: 161543**

Communication System: Wimax\_2.6G\_10M; Frequency: 2501 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110630 Medium parameters used:  $f = 2501$  MHz;  $\sigma = 2.06$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.53, 6.53, 6.53); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch0/Area Scan (31x41x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.022 mW/g

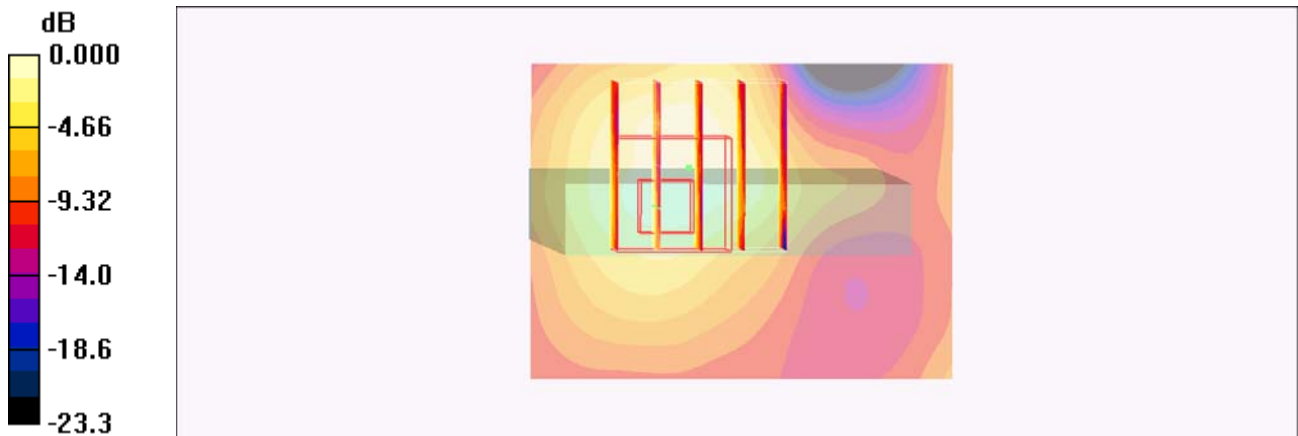
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.53 V/m; Power Drift = 0.061 dB

Peak SAR (extrapolated) = 0.040 W/kg

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

Maximum value of SAR (measured) = 0.022 mW/g



0 dB = 0.022mW/g

**#90 Wimax2600\_QPSK1-2\_Front  
Face\_Ch2501\_1cm\_Battery1\_Earphone\_10M\_Ant0**

**DUT: 161543**

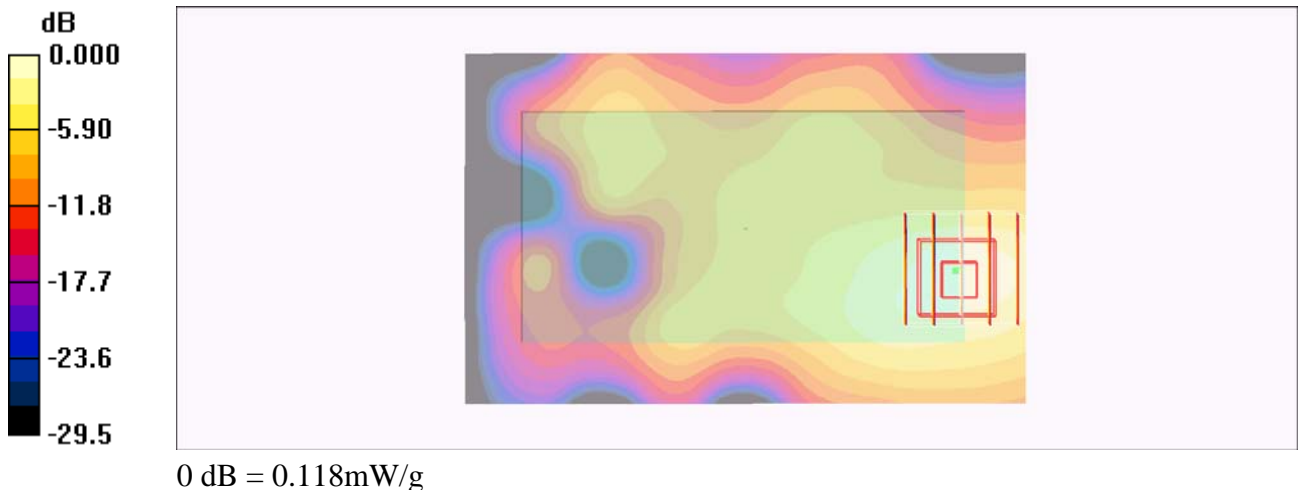
Communication System: Wimax\_2.6G\_10M; Frequency: 2501 MHz; Duty Cycle: 1:3.24  
Medium: MSL\_2600\_110704 Medium parameters used:  $f = 2501$  MHz;  $\sigma = 2.1$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.53, 6.53, 6.53); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch0/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.123 mW/g

**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 3.58 V/m; Power Drift = -0.103 dB  
Peak SAR (extrapolated) = 0.223 W/kg  
**SAR(1 g) = 0.111 mW/g; SAR(10 g) = 0.056 mW/g**  
Maximum value of SAR (measured) = 0.118 mW/g



## #27 Wimax2600\_QPSK1-2\_Rear Face\_Ch0\_1cm\_Battery1\_Earphone\_10M\_Ant0

**DUT: 161543**

Communication System: Wimax\_2.6G\_10M; Frequency: 2501 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110630 Medium parameters used:  $f = 2501$  MHz;  $\sigma = 2.06$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.53, 6.53, 6.53); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch0/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.520 mW/g

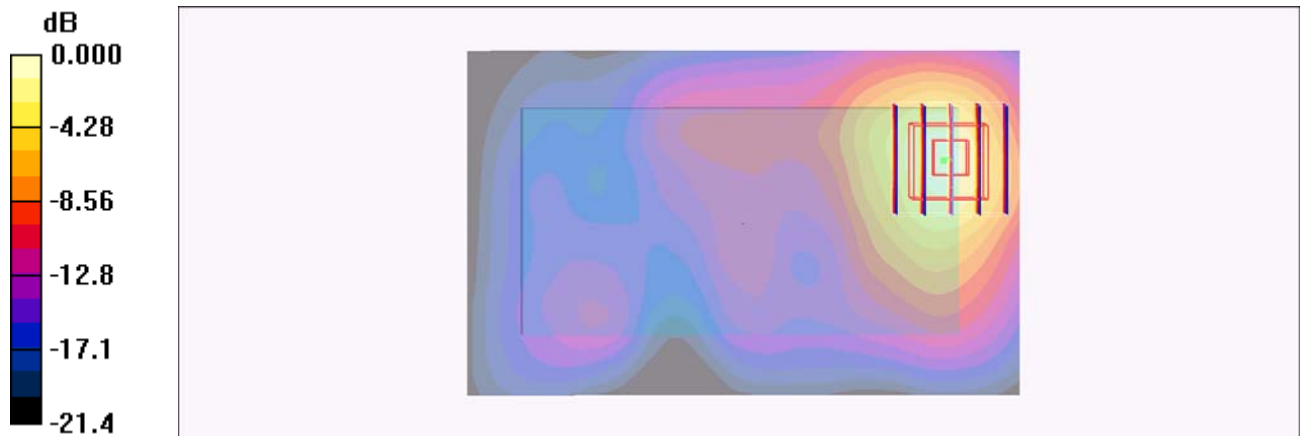
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.49 V/m; Power Drift = -0.102 dB

Peak SAR (extrapolated) = 1.08 W/kg

**SAR(1 g) = 0.543 mW/g; SAR(10 g) = 0.261 mW/g**

Maximum value of SAR (measured) = 0.617 mW/g



**#27 Wimax2600\_QPSK1-2\_Rear Face\_Ch0\_1cm\_Battery1\_Earphone\_10M\_Ant0\_2D**

**DUT: 161543**

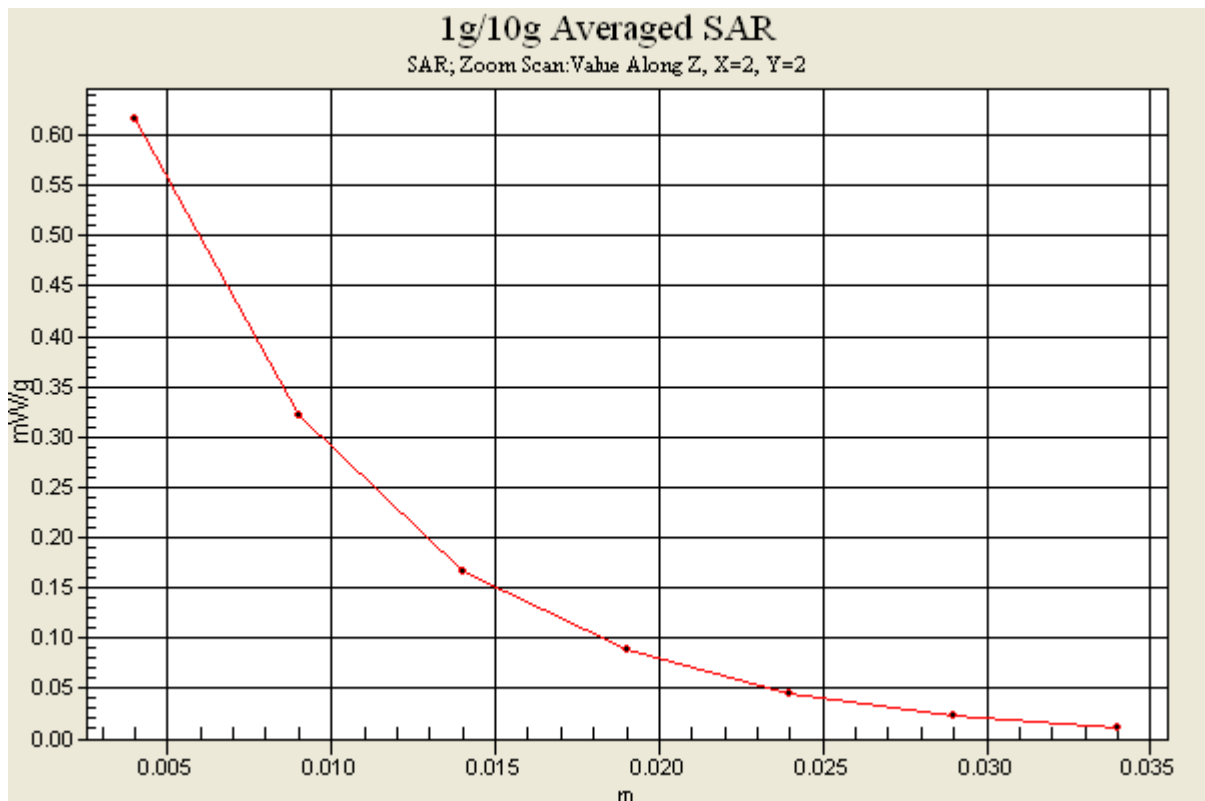
Communication System: Wimax\_2.6G\_10M; Frequency: 2501 MHz; Duty Cycle: 1:3.24  
 Medium: MSL\_2600\_110630 Medium parameters used:  $f = 2501$  MHz;  $\sigma = 2.06$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.53, 6.53, 6.53); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch0/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm  
 Maximum value of SAR (interpolated) = 0.520 mW/g

**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 4.49 V/m; Power Drift = -0.102 dB  
 Peak SAR (extrapolated) = 1.08 W/kg  
**SAR(1 g) = 0.543 mW/g; SAR(10 g) = 0.261 mW/g**  
 Maximum value of SAR (measured) = 0.617 mW/g





## #28 Wimax2600\_QPSK1-2\_Rear Face\_Ch0\_1cm\_Battery2\_Earphone\_10M\_Ant0

**DUT: 161543**

Communication System: Wimax\_2.6G\_10M; Frequency: 2501 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110630 Medium parameters used:  $f = 2501$  MHz;  $\sigma = 2.06$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.53, 6.53, 6.53); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch0/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

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

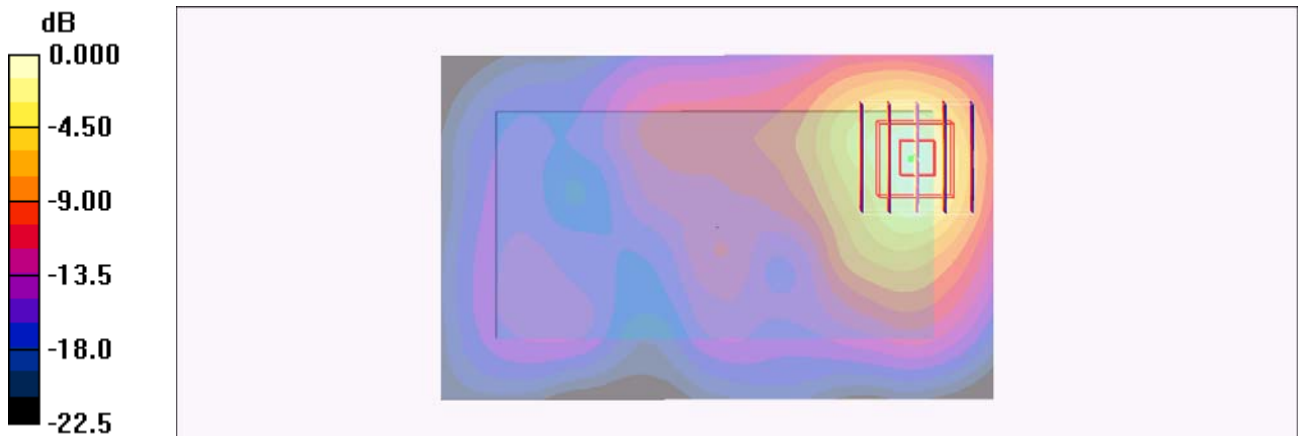
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.06 V/m; Power Drift = -0.164 dB

Peak SAR (extrapolated) = 0.972 W/kg

**SAR(1 g) = 0.486 mW/g; SAR(10 g) = 0.233 mW/g**

Maximum value of SAR (measured) = 0.552 mW/g



0 dB = 0.552mW/g

## #29 Wimax2600\_QPSK1-2\_Front Face \_Ch0\_1cm\_Battery1\_10M\_Ant1

**DUT: 161543**

Communication System: Wimax\_2.6G\_10M; Frequency: 2501 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110630 Medium parameters used:  $f = 2501$  MHz;  $\sigma = 2.06$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.53, 6.53, 6.53); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch0/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

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

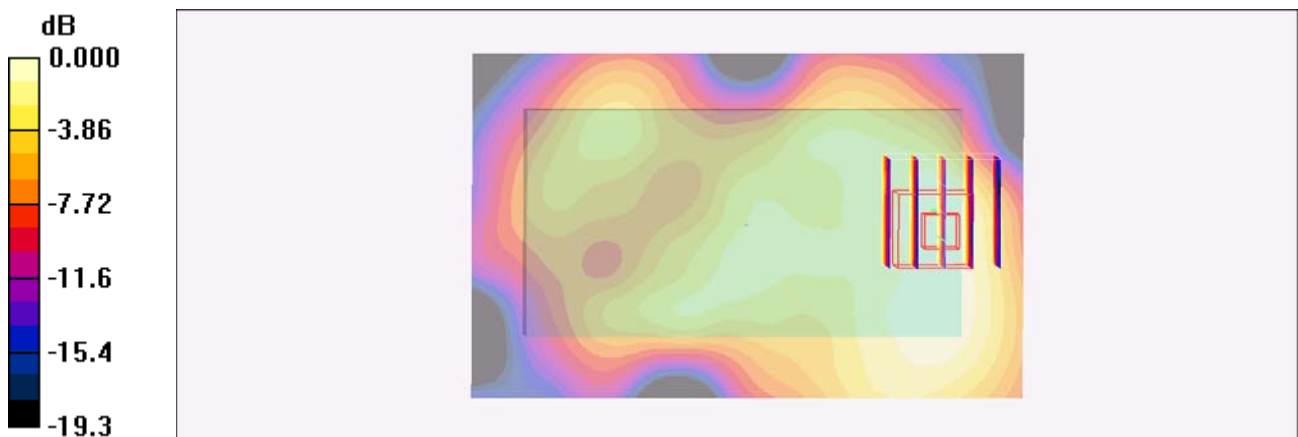
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.17 V/m; Power Drift = -0.143 dB

Peak SAR (extrapolated) = 0.094 W/kg

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

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



0 dB = 0.056mW/g

### #30 Wimax2600\_QPSK1-2\_Rear Face \_Ch0\_1cm\_Battery1\_10M\_Ant1

**DUT: 161543**

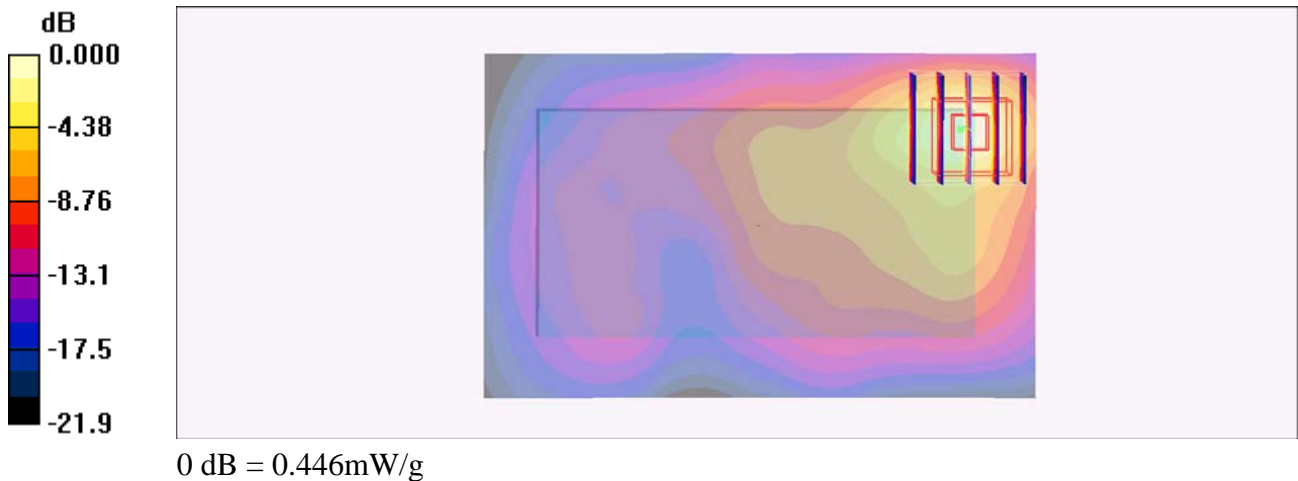
Communication System: Wimax\_2.6G\_10M; Frequency: 2501 MHz; Duty Cycle: 1:3.24  
Medium: MSL\_2600\_110630 Medium parameters used:  $f = 2501$  MHz;  $\sigma = 2.06$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 22.8 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.53, 6.53, 6.53); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch0/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.476 mW/g

**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 5.06 V/m; Power Drift = -0.127 dB  
Peak SAR (extrapolated) = 0.811 W/kg  
**SAR(1 g) = 0.388 mW/g; SAR(10 g) = 0.172 mW/g**  
Maximum value of SAR (measured) = 0.446 mW/g



### #30 Wimax2600\_QPSK1-2\_Rear Face \_Ch0\_1cm\_Battery1\_10M\_Ant1\_2D

**DUT: 161543**

Communication System: Wimax\_2.6G\_10M; Frequency: 2501 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110630 Medium parameters used:  $f = 2501$  MHz;  $\sigma = 2.06$  mho/m;  $\epsilon_r = 54$ ;  $\rho$

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

Ambient Temperature : 22.8 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.53, 6.53, 6.53); Calibrated: 2011/6/20

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

- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7

- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026

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

**Ch0/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

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

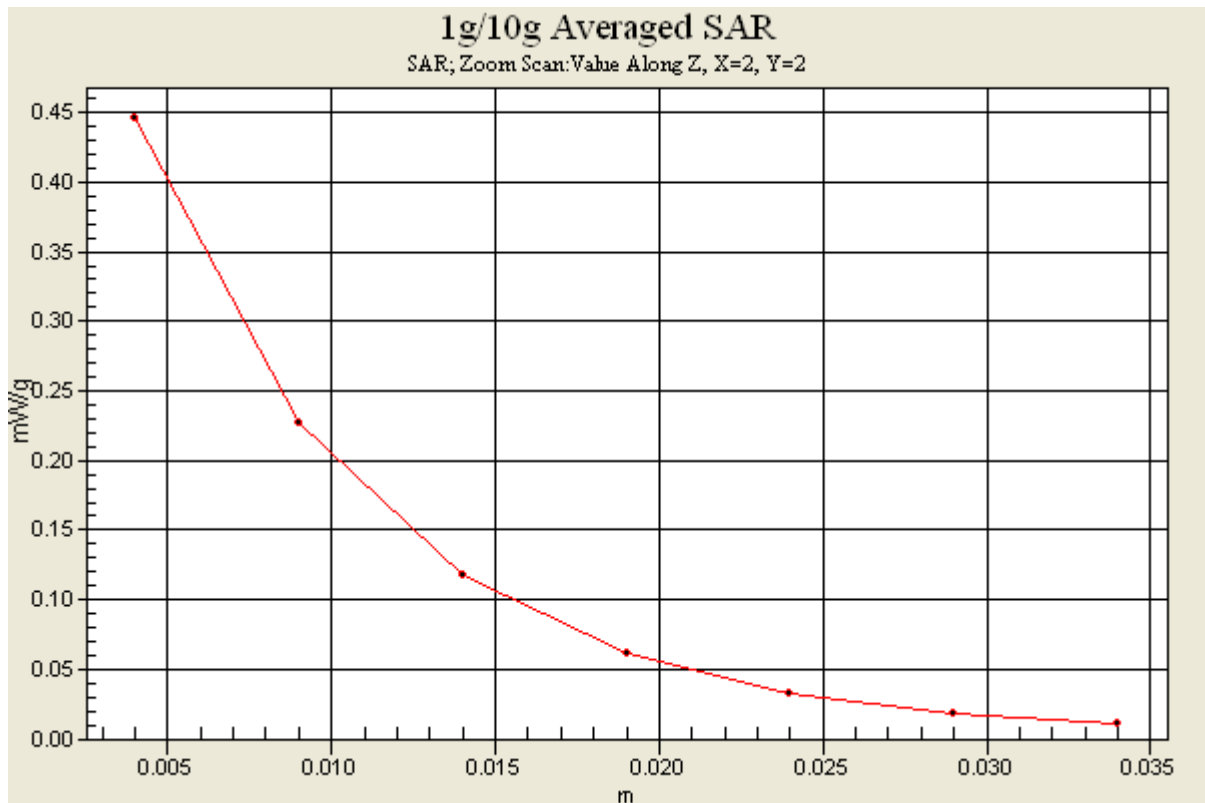
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.06 V/m; Power Drift = -0.127 dB

Peak SAR (extrapolated) = 0.811 W/kg

**SAR(1 g) = 0.388 mW/g; SAR(10 g) = 0.172 mW/g**

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



### #31 Wimax2600\_QPSK1-2\_Left Side\_Ch0\_1cm\_Battery1\_10M\_Ant1

**DUT: 161543**

Communication System: Wimax\_2.6G\_10M; Frequency: 2501 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110630 Medium parameters used:  $f = 2501$  MHz;  $\sigma = 2.06$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.53, 6.53, 6.53); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch0/Area Scan (21x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.020 mW/g

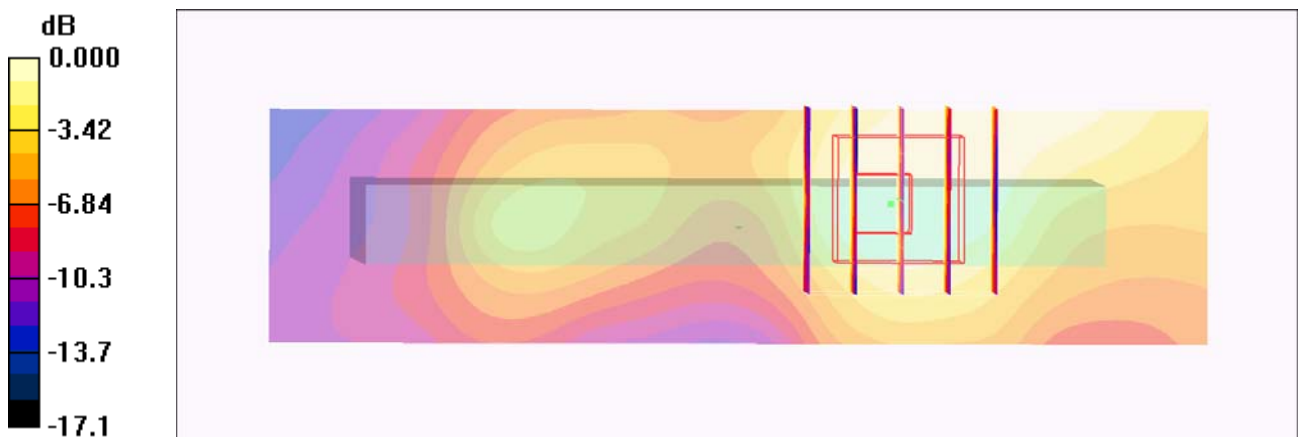
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.56 V/m; Power Drift = 0.114 dB

Peak SAR (extrapolated) = 0.035 W/kg

**SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.00973 mW/g**

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



### #32 Wimax2600\_QPSK1-2\_Right Side\_Ch0\_1cm\_Battery1\_10M\_Ant1

**DUT: 161543**

Communication System: Wimax\_2.6G\_10M; Frequency: 2501 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110630 Medium parameters used:  $f = 2501$  MHz;  $\sigma = 2.06$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.53, 6.53, 6.53); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch0/Area Scan (21x81x1):** Measurement grid: dx=20mm, dy=20mm

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

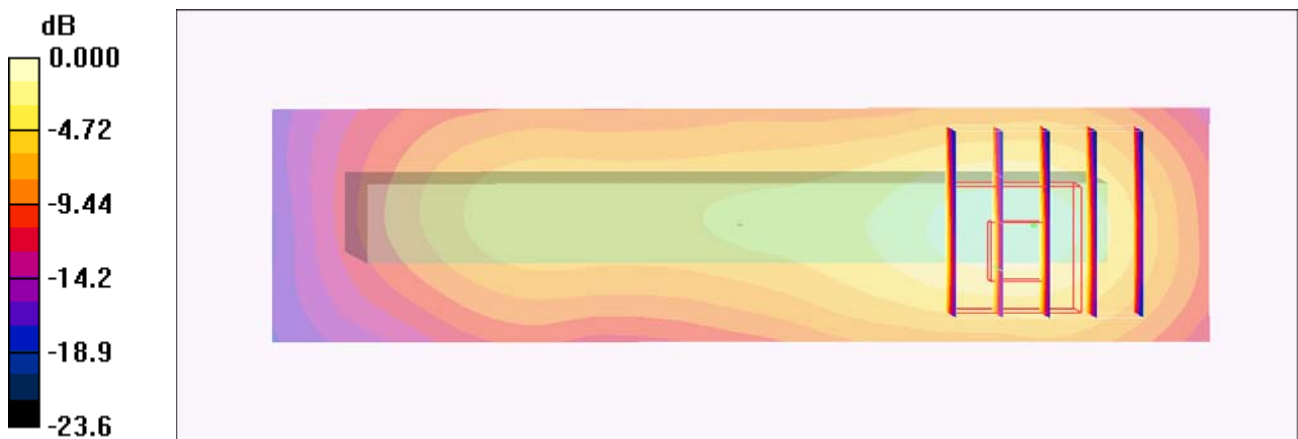
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.92 V/m; Power Drift = -0.004 dB

Peak SAR (extrapolated) = 0.496 W/kg

**SAR(1 g) = 0.247 mW/g; SAR(10 g) = 0.117 mW/g**

Maximum value of SAR (measured) = 0.260 mW/g



0 dB = 0.260mW/g

### #33 Wimax2600\_QPSK1-2\_Top Side\_Ch0\_1cm\_Battery1\_10M\_Ant1

**DUT: 161543**

Communication System: Wimax\_2.6G\_10M; Frequency: 2501 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110630 Medium parameters used:  $f = 2501 \text{ MHz}$ ;  $\sigma = 2.06 \text{ mho/m}$ ;  $\epsilon_r = 54$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.53, 6.53, 6.53); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch0/Area Scan (31x41x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.049 mW/g

**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.14 V/m; Power Drift = -0.003 dB

Peak SAR (extrapolated) = 0.104 W/kg

**SAR(1 g) = 0.053 mW/g; SAR(10 g) = 0.027 mW/g**

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

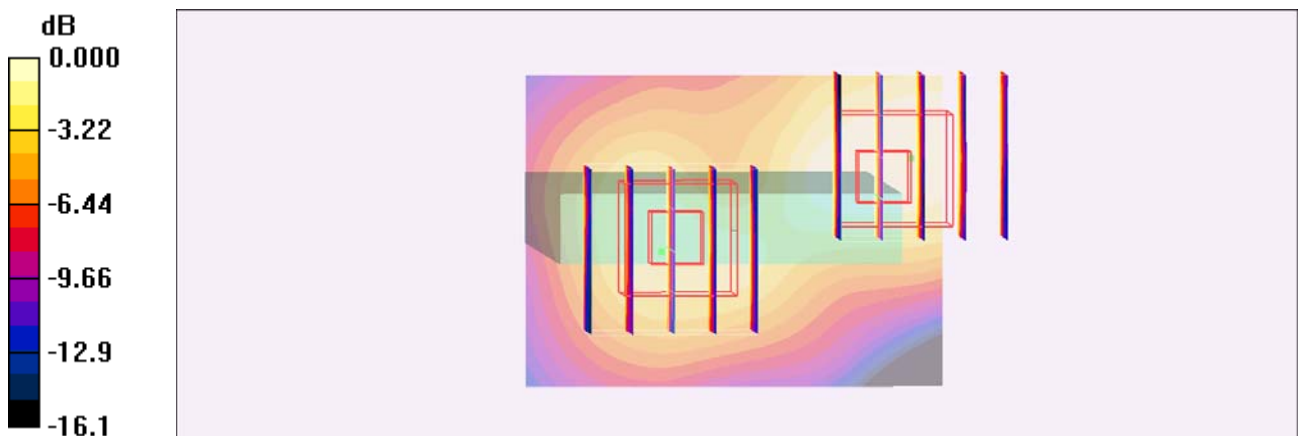
**Ch0/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.14 V/m; Power Drift = -0.003 dB

Peak SAR (extrapolated) = 0.080 W/kg

**SAR(1 g) = 0.042 mW/g; SAR(10 g) = 0.022 mW/g**

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



0 dB = 0.045mW/g

### #34 Wimax2600\_QPSK1-2\_Bottom Side\_Ch0\_1cm\_Battery1\_10M\_Ant1

**DUT: 161543**

Communication System: Wimax\_2.6G\_10M; Frequency: 2501 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110630 Medium parameters used:  $f = 2501$  MHz;  $\sigma = 2.06$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.53, 6.53, 6.53); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch0/Area Scan (31x41x1):** Measurement grid: dx=20mm, dy=20mm

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

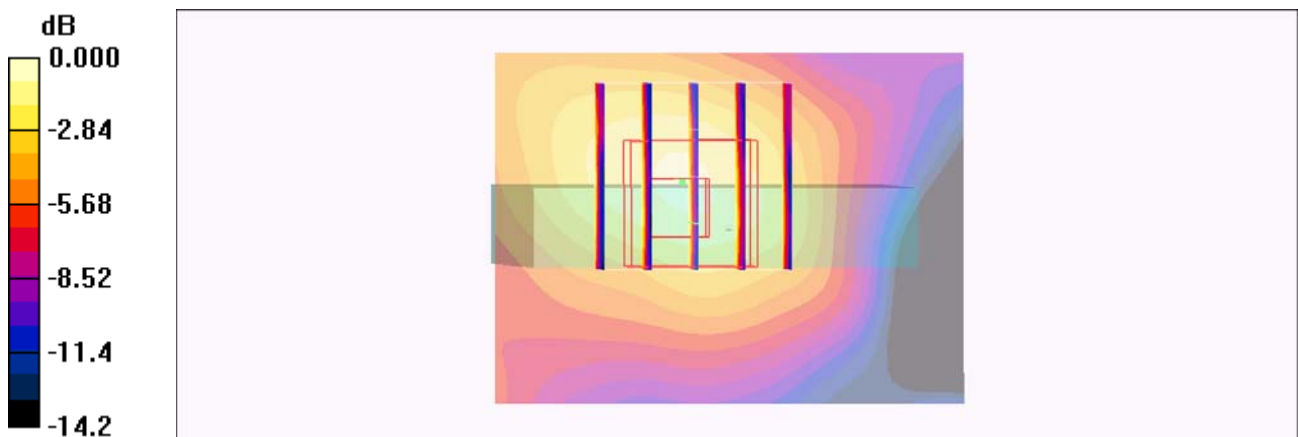
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.34 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 0.039 W/kg

**SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.012 mW/g**

Maximum value of SAR (measured) = 0.024 mW/g



0 dB = 0.024mW/g



### #36 Wimax2600\_QPSK1-2\_Rear Face \_Ch0\_1cm\_Battery2\_10M\_Ant1

**DUT: 161543**

Communication System: Wimax\_2.6G\_10M; Frequency: 2501 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110630 Medium parameters used:  $f = 2501$  MHz;  $\sigma = 2.06$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.53, 6.53, 6.53); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch0/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

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

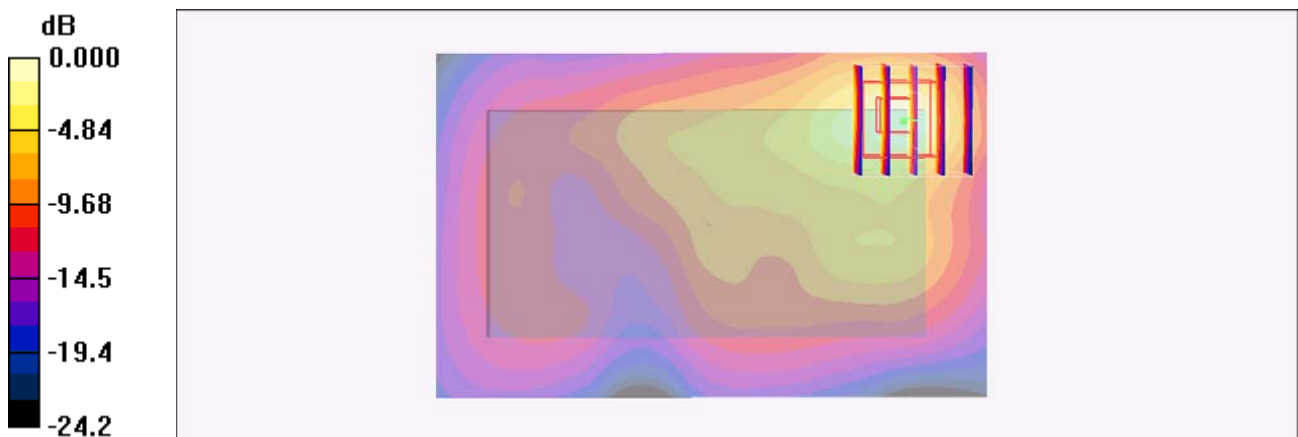
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.98 V/m; Power Drift = 0.078 dB

Peak SAR (extrapolated) = 0.689 W/kg

**SAR(1 g) = 0.329 mW/g; SAR(10 g) = 0.148 mW/g**

Maximum value of SAR (measured) = 0.363 mW/g



0 dB = 0.363mW/g

### #91 Wimax2600\_QPSK1-2\_Front Face\_Ch2501\_1cm\_Battery1\_Earphone\_10M\_Ant1

**DUT: 161543**

Communication System: Wimax\_2.6G\_10M; Frequency: 2501 MHz; Duty Cycle: 1:3.24  
Medium: MSL\_2600\_110704 Medium parameters used:  $f = 2501$  MHz;  $\sigma = 2.1$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.4 °C

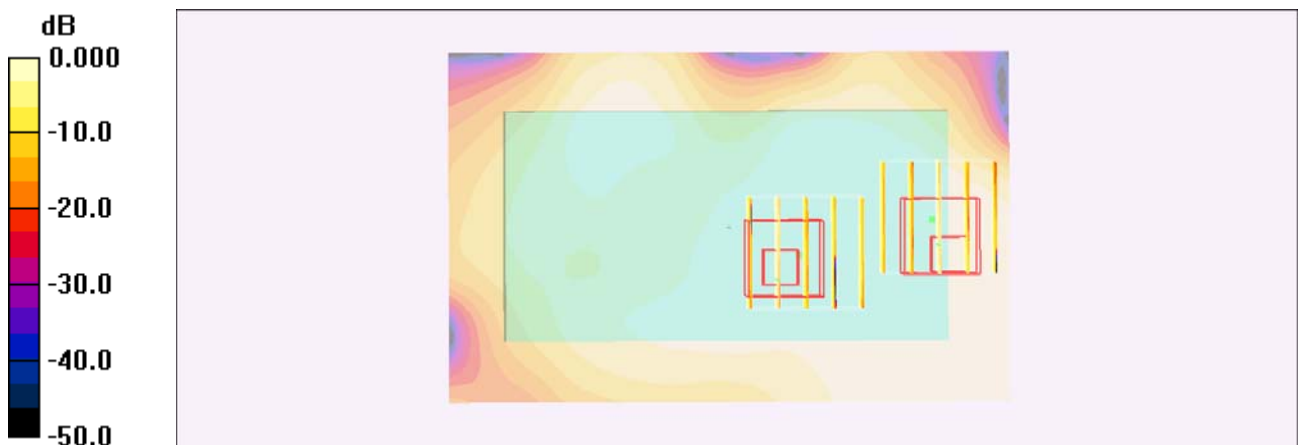
**DASY4 Configuration:**

- Probe: EX3DV4 - SN3792; ConvF(6.53, 6.53, 6.53); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch0/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.050 mW/g

**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 3.46 V/m; Power Drift = -0.175 dB  
Peak SAR (extrapolated) = 0.087 W/kg  
**SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.024 mW/g**  
Maximum value of SAR (measured) = 0.047 mW/g

**Ch0/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 3.46 V/m; Power Drift = -0.175 dB  
Peak SAR (extrapolated) = 0.059 W/kg  
**SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.019 mW/g**  
Maximum value of SAR (measured) = 0.035 mW/g



0 dB = 0.035mW/g

### #35 Wimax2600\_QPSK1-2\_Rear Face \_Ch0\_1cm\_Battery1\_Earphone\_10M\_Ant1

**DUT: 161543**

Communication System: Wimax\_2.6G\_10M; Frequency: 2501 MHz;Duty Cycle: 1:3.24

Medium: MSL\_2600\_110630 Medium parameters used:  $f = 2501$  MHz;  $\sigma = 2.06$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.53, 6.53, 6.53); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch0/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.352 mW/g

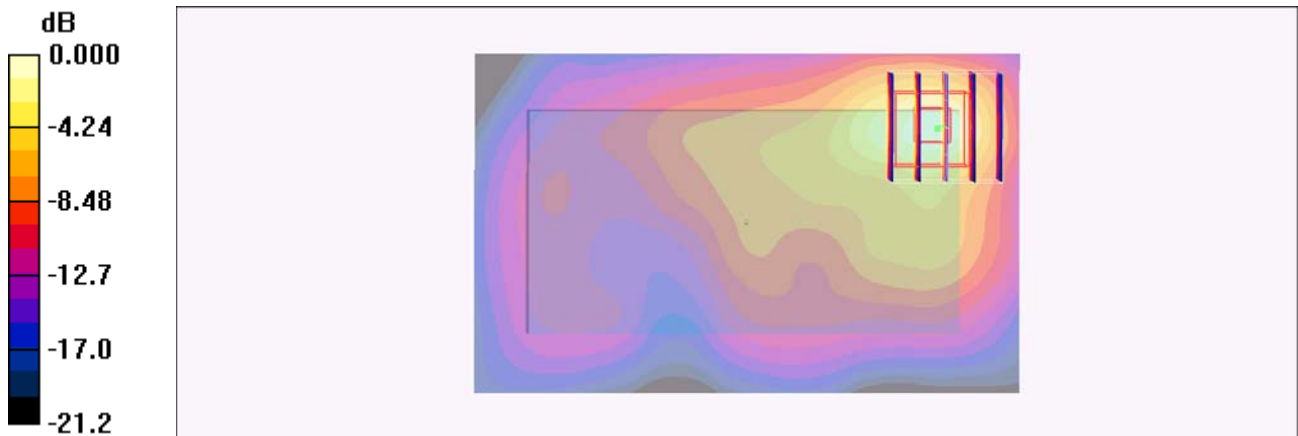
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.96 V/m; Power Drift = 0.134 dB

Peak SAR (extrapolated) = 0.645 W/kg

**SAR(1 g) = 0.314 mW/g; SAR(10 g) = 0.143 mW/g**

Maximum value of SAR (measured) = 0.354 mW/g



### #37 Wimax2600\_QPSK1-2\_Front Face\_Ch0\_1cm\_Battery1\_5M\_Ant0

**DUT: 161543**

Communication System: Wimax\_2.6G\_5M; Frequency: 2498.5 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2450\_110701 Medium parameters used :  $f = 2498.5$  MHz;  $\sigma = 2.06$  mho/m;  $\epsilon_r = 50.9$ ;

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

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.67, 6.67, 6.67); Calibrated: 2011/6/20

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

- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7

- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026

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

**Ch0/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.143 mW/g

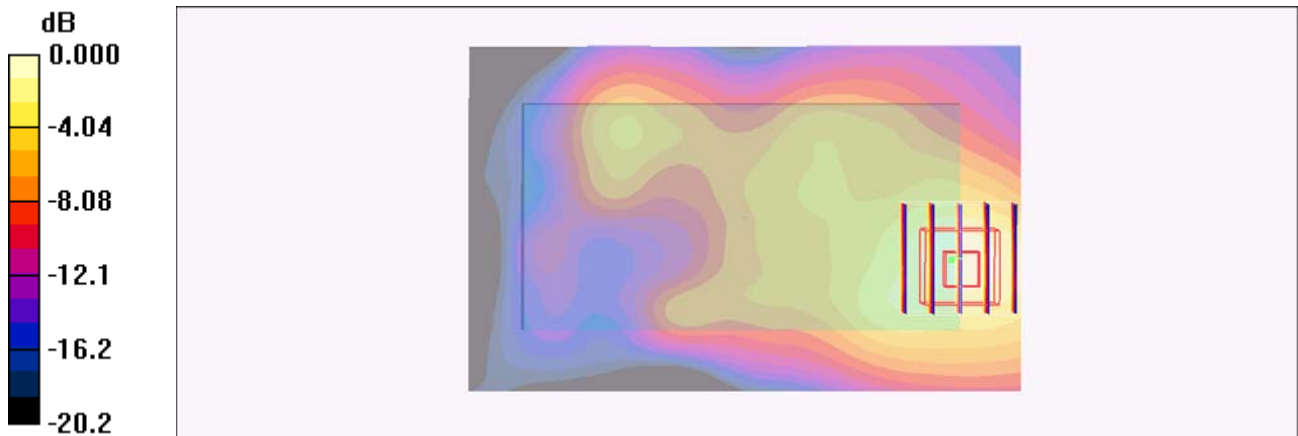
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.15 V/m; Power Drift = -0.155 dB

Peak SAR (extrapolated) = 0.276 W/kg

**SAR(1 g) = 0.139 mW/g; SAR(10 g) = 0.072 mW/g**

Maximum value of SAR (measured) = 0.146 mW/g



0 dB = 0.146mW/g

### #38 Wimax2600\_QPSK1-2\_Rear Face\_Ch0\_1cm\_Battery1\_5M\_Ant0

**DUT: 161543**

Communication System: Wimax\_2.6G\_5M; Frequency: 2498.5 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2450\_110701 Medium parameters used :  $f = 2498.5$  MHz;  $\sigma = 2.06$  mho/m;  $\epsilon_r = 50.9$ ;

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

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.67, 6.67, 6.67); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch0/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.605 mW/g

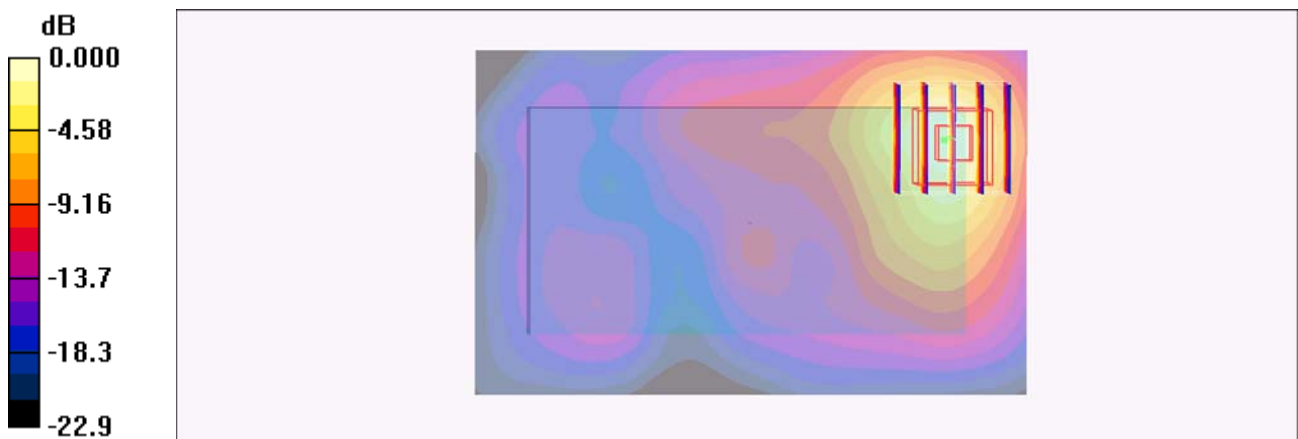
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.26 V/m; Power Drift = -0.140 dB

Peak SAR (extrapolated) = 1.13 W/kg

**SAR(1 g) = 0.561 mW/g; SAR(10 g) = 0.267 mW/g**

Maximum value of SAR (measured) = 0.627 mW/g



0 dB = 0.627mW/g

### #39 Wimax2600\_QPSK1-2\_Left Side\_Ch0\_1cm\_Battery1\_5M\_Ant0

**DUT: 161543**

Communication System: Wimax\_2.6G\_5M; Frequency: 2498.5 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2450\_110701 Medium parameters used :  $f = 2498.5$  MHz;  $\sigma = 2.06$  mho/m;  $\epsilon_r = 50.9$ ;

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

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.67, 6.67, 6.67); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch0/Area Scan (31x81x1):** Measurement grid: dx=20mm, dy=20mm

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

**Ch0/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.25 V/m; Power Drift = -0.177 dB

Peak SAR (extrapolated) = 0.065 W/kg

**SAR(1 g) = 0.035 mW/g; SAR(10 g) = 0.018 mW/g**

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

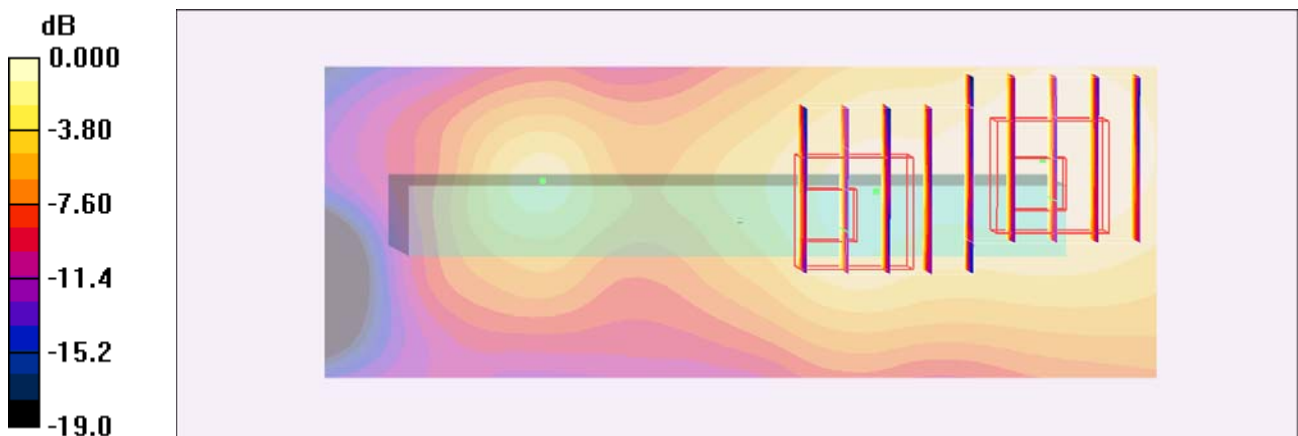
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.25 V/m; Power Drift = -0.177 dB

Peak SAR (extrapolated) = 0.068 W/kg

**SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.019 mW/g**

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



0 dB = 0.035mW/g

### #40 Wimax2600\_QPSK1-2\_Right Side\_Ch0\_1cm\_Battery1\_5M\_Ant0

**DUT: 161543**

Communication System: Wimax\_2.6G\_5M; Frequency: 2498.5 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2450\_110701 Medium parameters used :  $f = 2498.5$  MHz;  $\sigma = 2.06$  mho/m;  $\epsilon_r = 50.9$ ;

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.67, 6.67, 6.67); Calibrated: 2011/6/20

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

- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7

- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026

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

**Ch0/Area Scan (31x81x1):** Measurement grid: dx=20mm, dy=20mm

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

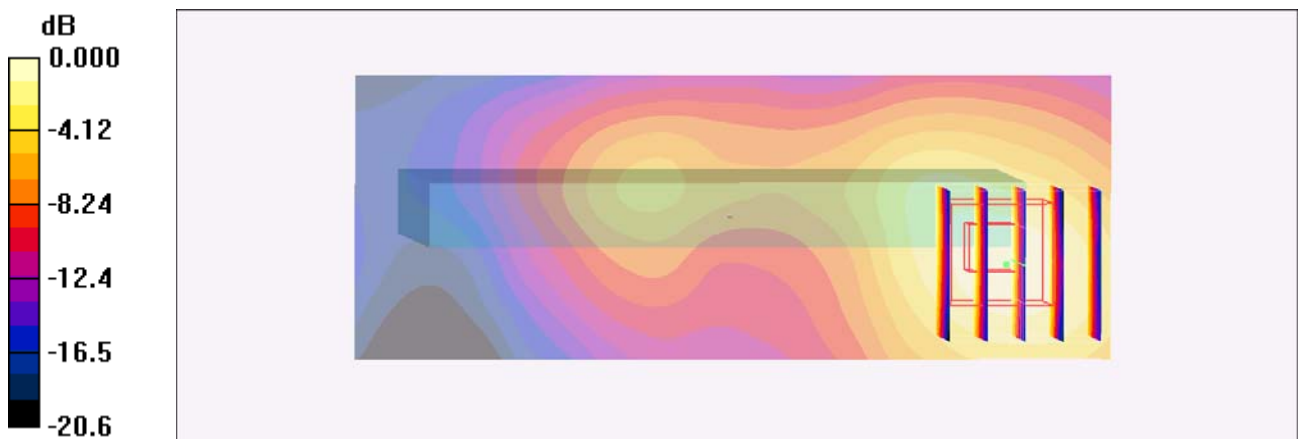
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.88 V/m; Power Drift = -0.120 dB

Peak SAR (extrapolated) = 0.243 W/kg

**SAR(1 g) = 0.129 mW/g; SAR(10 g) = 0.067 mW/g**

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



0 dB = 0.136mW/g

## #41 Wimax2600\_QPSK1-2\_Top Side\_Ch0\_1cm\_Battery1\_5M\_Ant0

**DUT: 161543**

Communication System: Wimax\_2.6G\_5M; Frequency: 2498.5 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2450\_110701 Medium parameters used :  $f = 2498.5$  MHz;  $\sigma = 2.06$  mho/m;  $\epsilon_r = 50.9$ ;

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

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.67, 6.67, 6.67); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch0/Area Scan (31x41x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.380 mW/g

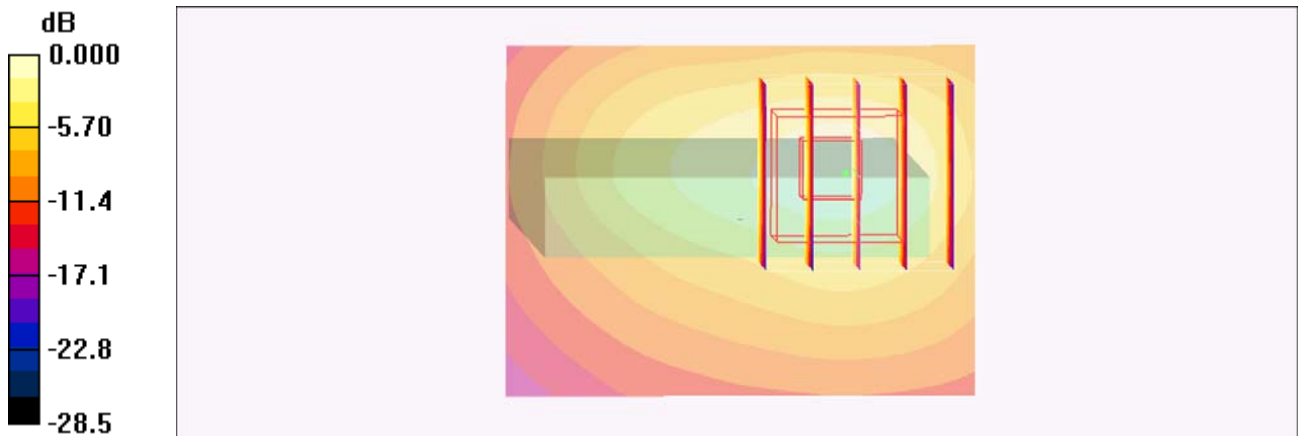
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.36 V/m; Power Drift = 0.114 dB

Peak SAR (extrapolated) = 0.695 W/kg

**SAR(1 g) = 0.348 mW/g; SAR(10 g) = 0.166 mW/g**

Maximum value of SAR (measured) = 0.383 mW/g



0 dB = 0.383mW/g



## #42 Wimax2600\_QPSK1-2\_Bottom Side\_Ch0\_1cm\_Battery1\_5M\_Ant0

**DUT: 161543**

Communication System: Wimax\_2.6G\_5M; Frequency: 2498.5 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2450\_110701 Medium parameters used :  $f = 2498.5$  MHz;  $\sigma = 2.06$  mho/m;  $\epsilon_r = 50.9$ ;

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

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.67, 6.67, 6.67); Calibrated: 2011/6/20

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

- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7

- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026

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

**Ch0/Area Scan (31x41x1):** Measurement grid: dx=20mm, dy=20mm

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

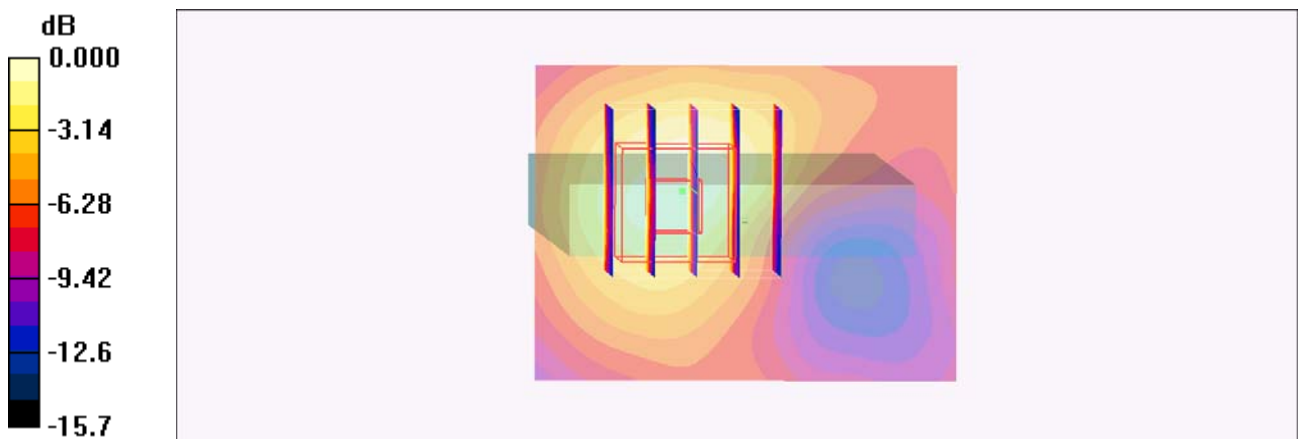
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.62 V/m; Power Drift = 0.100 dB

Peak SAR (extrapolated) = 0.045 W/kg

**SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.012 mW/g**

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



0 dB = 0.025mW/g

### #89 Wimax2600\_QPSK1-2\_Front Face\_Ch2498.5\_1cm\_Battery1\_Earphone\_5M\_Ant0

**DUT: 161543**

Communication System: Wimax\_2.6G\_5M; Frequency: 2498.5 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2450\_110704 Medium parameters used :  $f = 2498.5$  MHz;  $\sigma = 2.08$  mho/m;  $\epsilon_r = 53.8$ ;

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

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.67, 6.67, 6.67); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch0/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

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

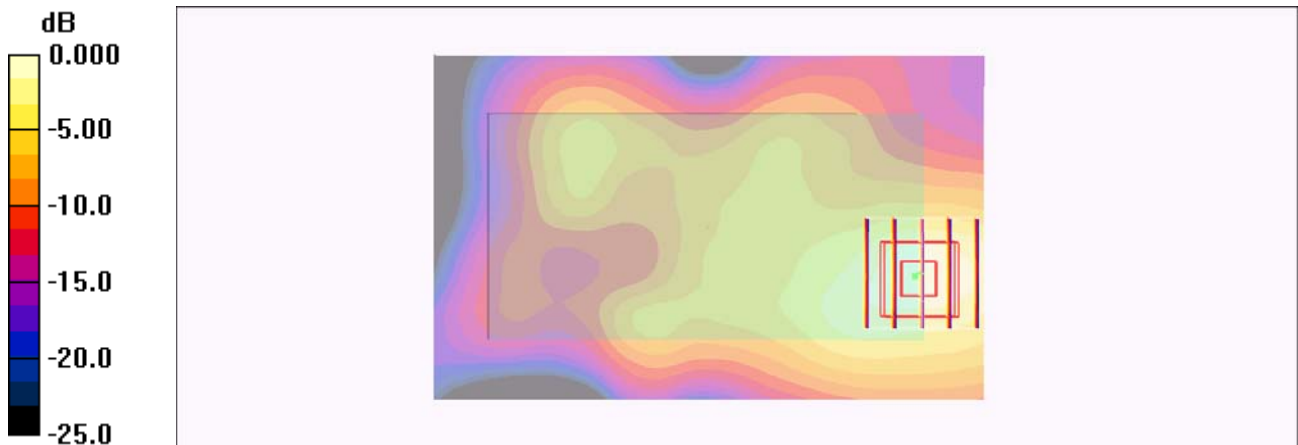
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.92 V/m; Power Drift = -0.158 dB

Peak SAR (extrapolated) = 0.243 W/kg

**SAR(1 g) = 0.125 mW/g; SAR(10 g) = 0.064 mW/g**

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



0 dB = 0.137mW/g

### #43 Wimax2600\_QPSK1-2\_Rear Face\_Ch0\_1cm\_Battery1\_Earphone\_5M\_Ant0

**DUT: 161543**

Communication System: Wimax\_2.6G\_5M; Frequency: 2498.5 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2450\_110701 Medium parameters used :  $f = 2498.5$  MHz;  $\sigma = 2.06$  mho/m;  $\epsilon_r = 50.9$ ;

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

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.67, 6.67, 6.67); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch0/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.665 mW/g

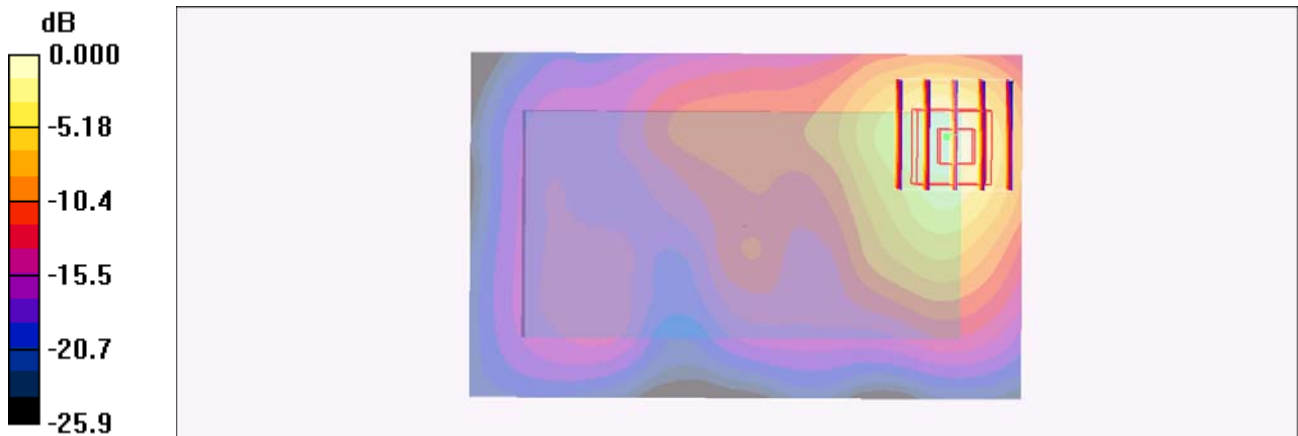
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.60 V/m; Power Drift = -0.103 dB

Peak SAR (extrapolated) = 1.25 W/kg

**SAR(1 g) = 0.620 mW/g; SAR(10 g) = 0.294 mW/g**

Maximum value of SAR (measured) = 0.672 mW/g



0 dB = 0.672mW/g

### #43 Wimax2600\_QPSK1-2\_Rear Face\_Ch0\_1cm\_Battery1\_Earphone\_5M\_Ant0\_2D

**DUT: 161543**

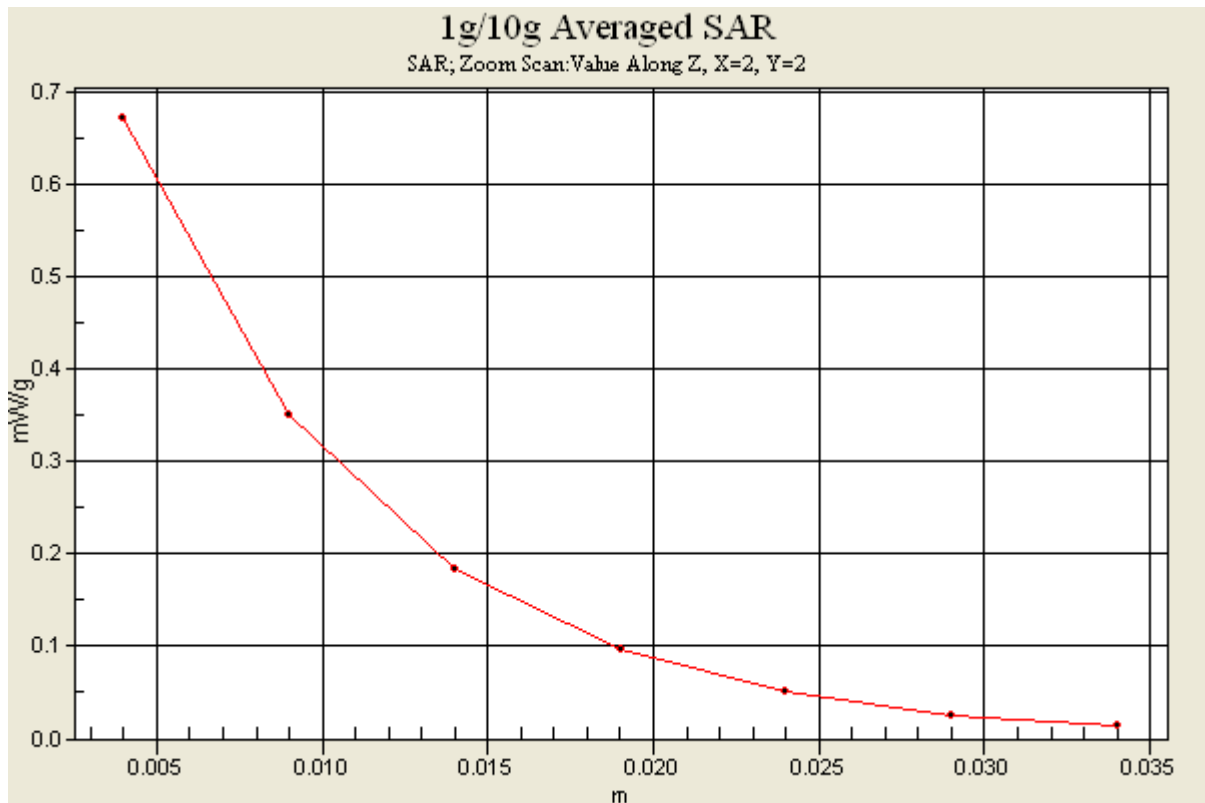
Communication System: Wimax\_2.6G\_5M; Frequency: 2498.5 MHz; Duty Cycle: 1:3.24  
 Medium: MSL\_2450\_110701 Medium parameters used :  $f = 2498.5$  MHz;  $\sigma = 2.06$  mho/m;  $\epsilon_r = 50.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.67, 6.67, 6.67); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch0/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm  
 Maximum value of SAR (interpolated) = 0.665 mW/g

**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 4.60 V/m; Power Drift = -0.103 dB  
 Peak SAR (extrapolated) = 1.25 W/kg  
**SAR(1 g) = 0.620 mW/g; SAR(10 g) = 0.294 mW/g**  
 Maximum value of SAR (measured) = 0.672 mW/g



### #44 Wimax2600\_QPSK1-2\_Rear Face\_Ch0\_1cm\_Battery2\_Earphone\_5M\_Ant0

**DUT: 161543**

Communication System: Wimax\_2.6G\_5M; Frequency: 2498.5 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2450\_110701 Medium parameters used :  $f = 2498.5$  MHz;  $\sigma = 2.06$  mho/m;  $\epsilon_r = 50.9$ ;

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

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.67, 6.67, 6.67); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch0/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.605 mW/g

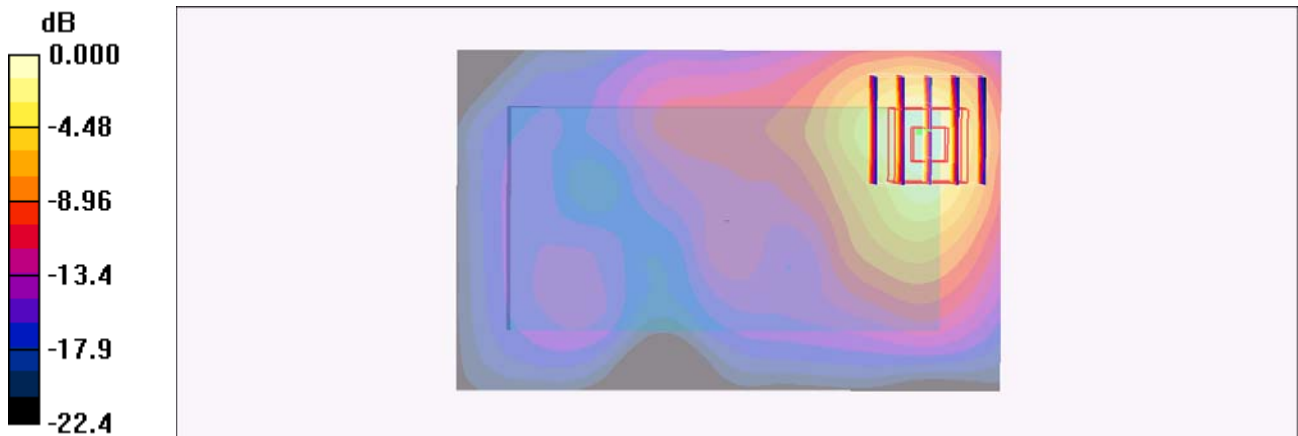
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.13 V/m; Power Drift = 0.124 dB

Peak SAR (extrapolated) = 1.15 W/kg

**SAR(1 g) = 0.578 mW/g; SAR(10 g) = 0.276 mW/g**

Maximum value of SAR (measured) = 0.611 mW/g



0 dB = 0.611mW/g

### #53 Wimax2600\_QPSK1-2\_Rear Face \_Ch0\_1cm\_Battery1\_Earphone\_5M\_Ant0\_1/2 Zoom Scan

**DUT: 161543**

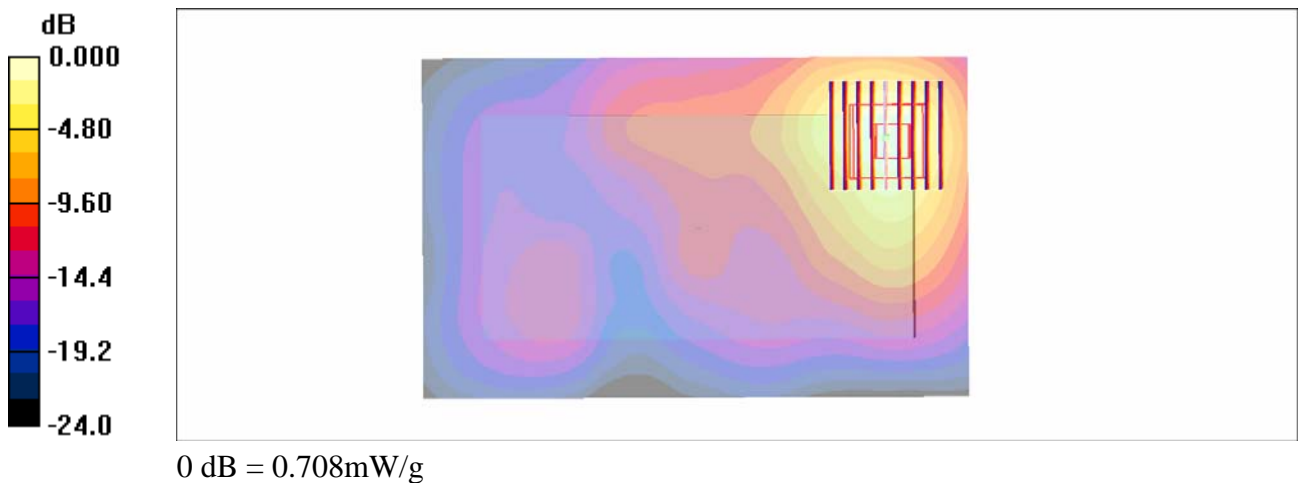
Communication System: Wimax\_2.6G\_5M; Frequency: 2498.5 MHz; Duty Cycle: 1:3.24  
Medium: MSL\_2450\_110701 Medium parameters used:  $f = 2498.5$  MHz;  $\sigma = 2.06$  mho/m;  $\epsilon_r = 50.9$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.67, 6.67, 6.67); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch0/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.808 mW/g

**Ch0/Zoom Scan (9x9x13)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm  
Reference Value = 4.74 V/m; Power Drift = -0.161 dB  
Peak SAR (extrapolated) = 1.30 W/kg  
**SAR(1 g) = 0.636 mW/g; SAR(10 g) = 0.312 mW/g**  
Maximum value of SAR (measured) = 0.708 mW/g



### #45 Wimax2600\_QPSK1-2\_Front Face\_Ch0\_1cm\_Battery1\_5M\_Ant1

**DUT: 161543**

Communication System: Wimax\_2.6G\_5M; Frequency: 2498.5 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2450\_110701 Medium parameters used :  $f = 2498.5$  MHz;  $\sigma = 2.06$  mho/m;  $\epsilon_r = 50.9$ ;

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.67, 6.67, 6.67); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch0/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

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

**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.36 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 0.140 W/kg

**SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.039 mW/g**

Maximum value of SAR (measured) = 0.077 mW/g

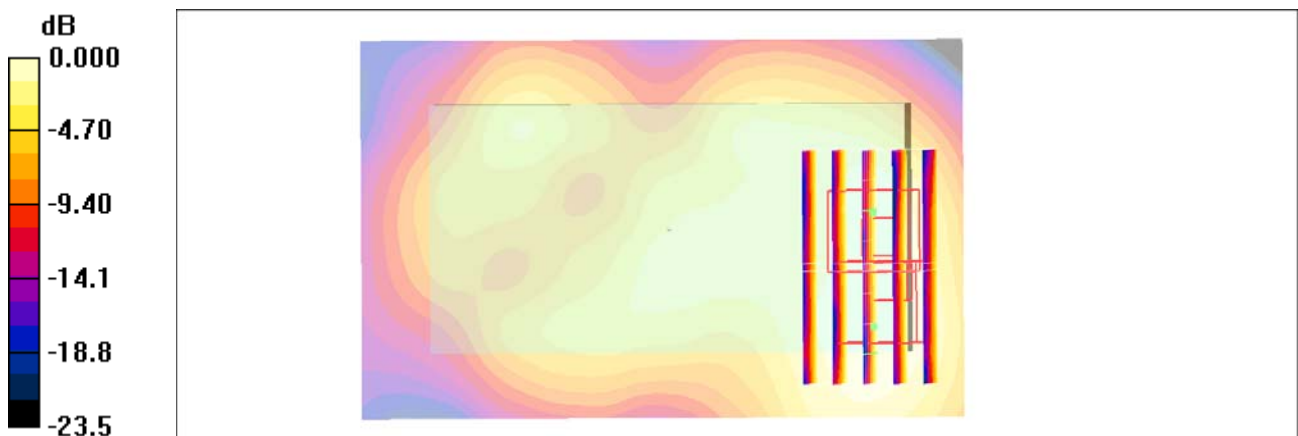
**Ch0/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.36 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 0.134 W/kg

**SAR(1 g) = 0.071 mW/g; SAR(10 g) = 0.039 mW/g**

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



0 dB = 0.076mW/g

### #46 Wimax2600\_QPSK1-2\_Rear Face \_Ch0\_1cm\_Battery1\_5M\_Ant1

**DUT: 161543**

Communication System: Wimax\_2.6G\_5M; Frequency: 2498.5 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2450\_110701 Medium parameters used :  $f = 2498.5$  MHz;  $\sigma = 2.06$  mho/m;  $\epsilon_r = 50.9$ ;

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.67, 6.67, 6.67); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch0/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.548 mW/g

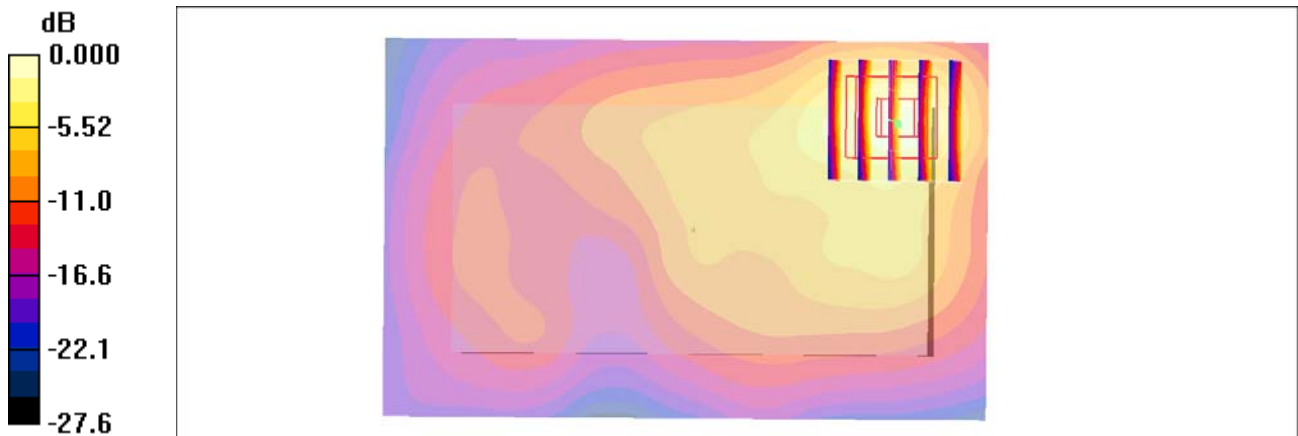
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.61 V/m; Power Drift = 0.022 dB

Peak SAR (extrapolated) = 0.947 W/kg

**SAR(1 g) = 0.452 mW/g; SAR(10 g) = 0.202 mW/g**

Maximum value of SAR (measured) = 0.525 mW/g



0 dB = 0.525mW/g



## #46 Wimax2600\_QPSK1-2\_Rear Face\_Ch0\_1cm\_Battery1\_5M\_Ant1\_2D

**DUT: 161543**

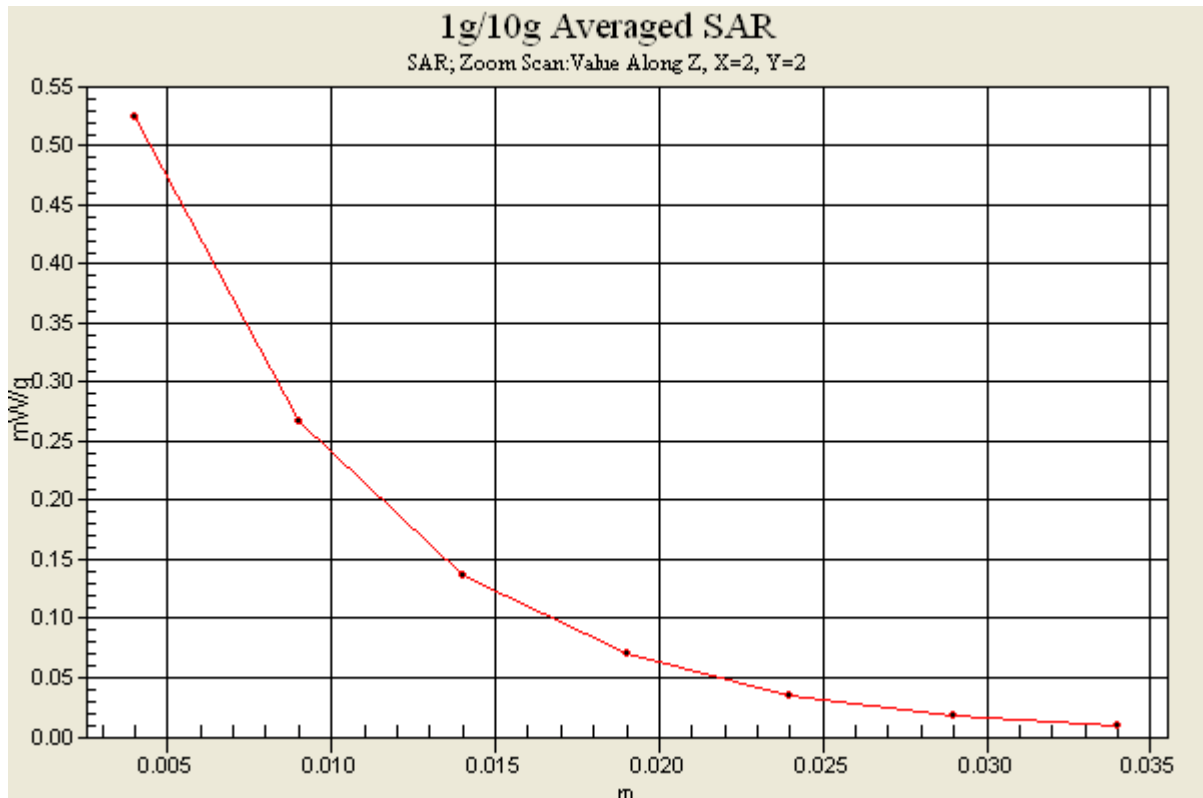
Communication System: Wimax\_2.6G\_5M; Frequency: 2498.5 MHz; Duty Cycle: 1:3.24  
 Medium: MSL\_2450\_110701 Medium parameters used :  $f = 2498.5 \text{ MHz}$ ;  $\sigma = 2.06 \text{ mho/m}$ ;  $\epsilon_r = 50.9$ ;  $\rho = 1000 \text{ kg/m}^3$   
 Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.67, 6.67, 6.67); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch0/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm  
 Maximum value of SAR (interpolated) = 0.548 mW/g

**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 5.61 V/m; Power Drift = 0.022 dB  
 Peak SAR (extrapolated) = 0.947 W/kg  
**SAR(1 g) = 0.452 mW/g; SAR(10 g) = 0.202 mW/g**  
 Maximum value of SAR (measured) = 0.525 mW/g



### #47 Wimax2600\_QPSK1-2\_Left Side\_Ch0\_1cm\_Battery1\_5M\_Ant1

**DUT: 161543**

Communication System: Wimax\_2.6G\_5M; Frequency: 2498.5 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2450\_110701 Medium parameters used :  $f = 2498.5$  MHz;  $\sigma = 2.06$  mho/m;  $\epsilon_r = 50.9$ ;

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.67, 6.67, 6.67); Calibrated: 2011/6/20

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

- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7

- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026

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

**Ch0/Area Scan (31x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.027 mW/g

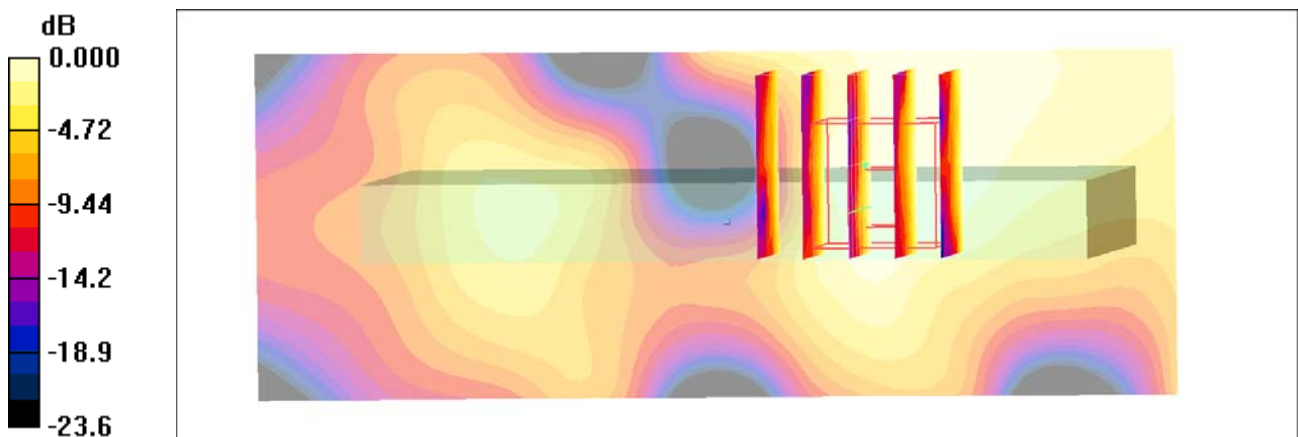
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.57 V/m; Power Drift = 0.100 dB

Peak SAR (extrapolated) = 0.055 W/kg

**SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.011 mW/g**

Maximum value of SAR (measured) = 0.022 mW/g



0 dB = 0.022mW/g

### #48 Wimax2600\_QPSK1-2\_Right Side\_Ch0\_1cm\_Battery1\_5M\_Ant1

**DUT: 161543**

Communication System: Wimax\_2.6G\_5M; Frequency: 2498.5 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2450\_110701 Medium parameters used :  $f = 2498.5$  MHz;  $\sigma = 2.06$  mho/m;  $\epsilon_r = 50.9$ ;

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.67, 6.67, 6.67); Calibrated: 2011/6/20

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

- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7

- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026

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

**Ch0/Area Scan (31x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.250 mW/g

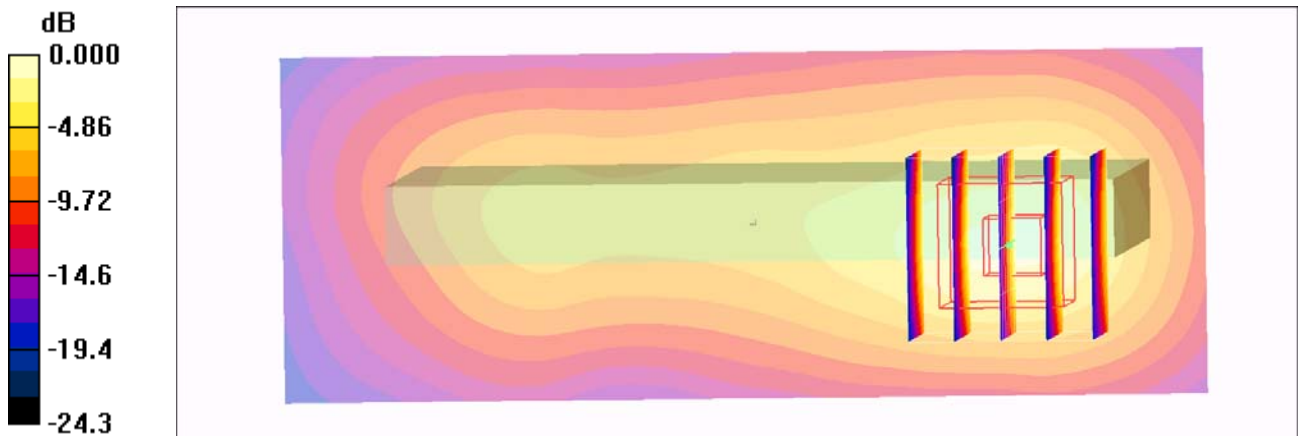
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.27 V/m; Power Drift = 0.057 dB

Peak SAR (extrapolated) = 0.556 W/kg

**SAR(1 g) = 0.276 mW/g; SAR(10 g) = 0.130 mW/g**

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



0 dB = 0.324mW/g

### #49 Wimax2600\_QPSK1-2\_Top Side\_Ch0\_1cm\_Battery1\_5M\_Ant1

**DUT: 161543**

Communication System: Wimax\_2.6G\_5M; Frequency: 2498.5 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2450\_110701 Medium parameters used :  $f = 2498.5$  MHz;  $\sigma = 2.06$  mho/m;  $\epsilon_r = 50.9$ ;

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.67, 6.67, 6.67); Calibrated: 2011/6/20

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

- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7

- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026

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

**Ch0/Area Scan (31x61x1):** Measurement grid: dx=20mm, dy=20mm

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

**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.69 V/m; Power Drift = 0.119 dB

Peak SAR (extrapolated) = 0.130 W/kg

**SAR(1 g) = 0.067 mW/g; SAR(10 g) = 0.034 mW/g**

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

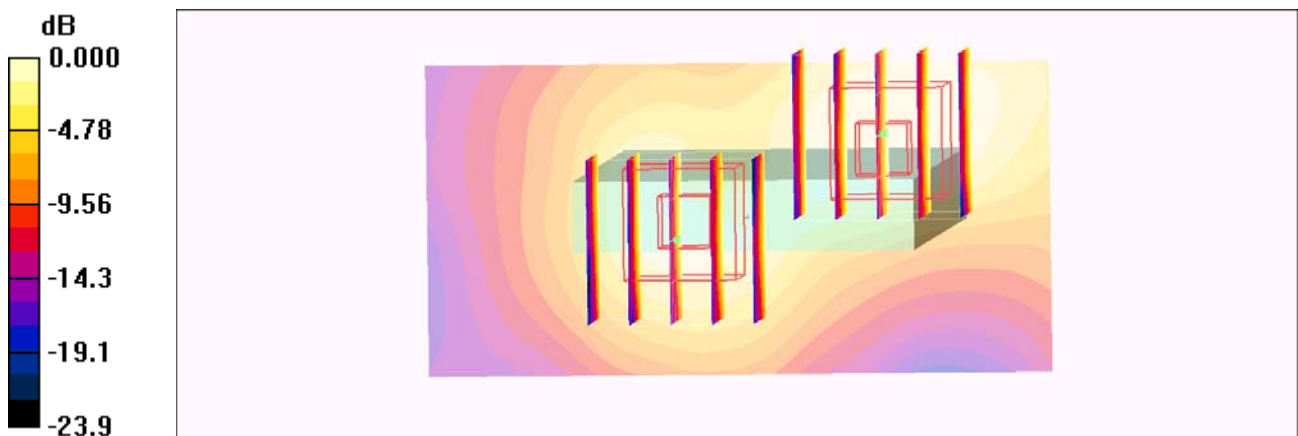
**Ch0/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.69 V/m; Power Drift = 0.119 dB

Peak SAR (extrapolated) = 0.108 W/kg

**SAR(1 g) = 0.054 mW/g; SAR(10 g) = 0.027 mW/g**

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



0 dB = 0.056mW/g

## #50 Wimax2600\_QPSK1-2\_Bottom Side\_Ch0\_1cm\_Battery1\_5M\_Ant1

**DUT: 161543**

Communication System: Wimax\_2.6G\_5M; Frequency: 2498.5 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2450\_110701 Medium parameters used :  $f = 2498.5$  MHz;  $\sigma = 2.06$  mho/m;  $\epsilon_r = 50.9$ ;

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.67, 6.67, 6.67); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch0/Area Scan (31x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.023 mW/g

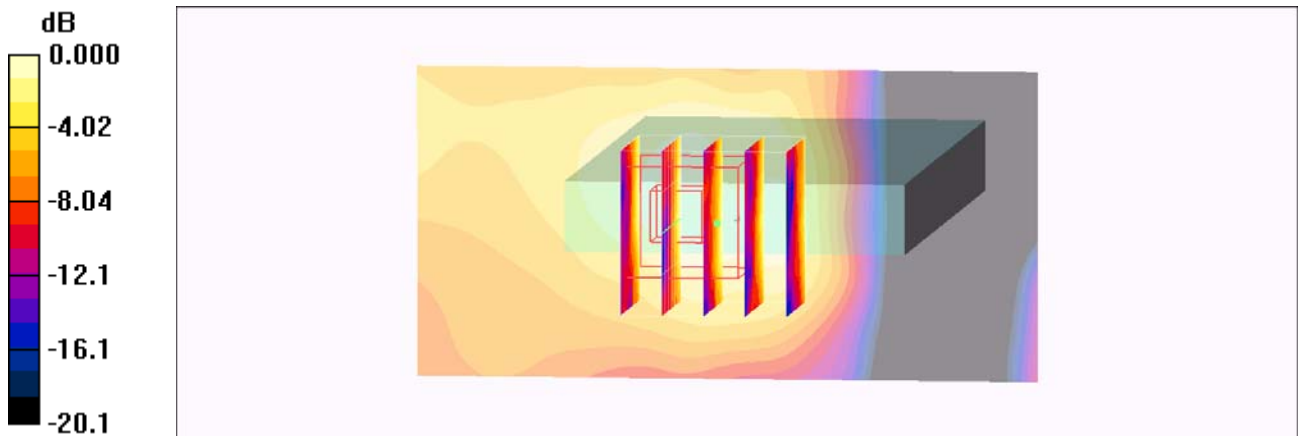
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.14 V/m; Power Drift = 0.104 dB

Peak SAR (extrapolated) = 0.041 W/kg

**SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.010 mW/g**

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



0 dB = 0.021mW/g

## #52 Wimax2600\_QPSK1-2\_Rear Face \_Ch0\_1cm\_Battery2\_5M\_Ant1

**DUT: 161543**

Communication System: Wimax\_2.6G\_5M; Frequency: 2498.5 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2450\_110701 Medium parameters used :  $f = 2498.5$  MHz;  $\sigma = 2.06$  mho/m;  $\epsilon_r = 50.9$ ;

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.67, 6.67, 6.67); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch0/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.506 mW/g

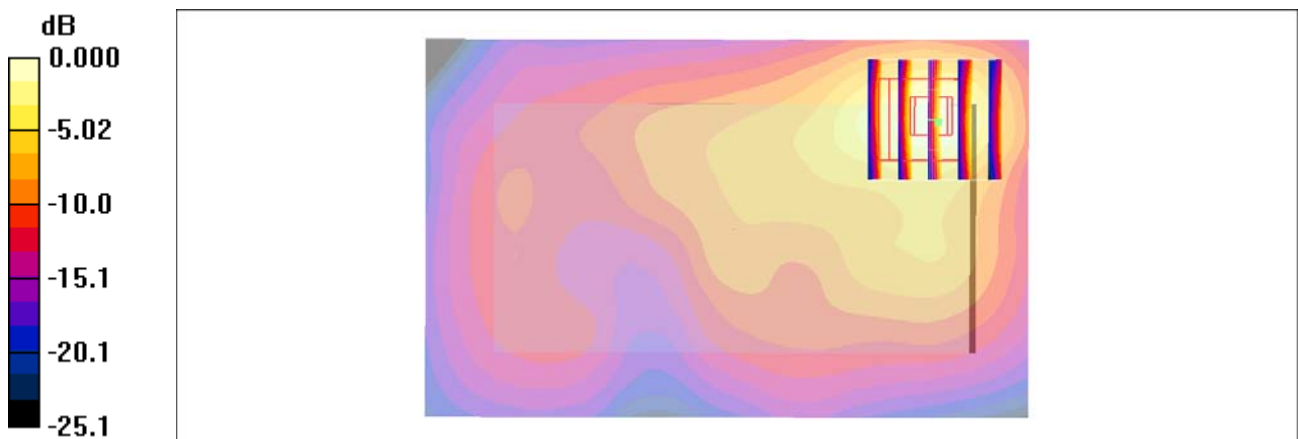
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.70 V/m; Power Drift = -0.030 dB

Peak SAR (extrapolated) = 0.927 W/kg

**SAR(1 g) = 0.446 mW/g; SAR(10 g) = 0.200 mW/g**

Maximum value of SAR (measured) = 0.504 mW/g



0 dB = 0.504mW/g

**#92 Wimax2600\_QPSK1-2\_Front  
Face\_Ch2498.5\_1cm\_Battery1\_Earphone\_5M\_Ant1**

**DUT: 161543**

Communication System: Wimax\_2.6G\_5M; Frequency: 2498.5 MHz; Duty Cycle: 1:3.24  
Medium: MSL\_2450\_110704 Medium parameters used :  $f = 2498.5$  MHz;  $\sigma = 2.08$  mho/m;  $\epsilon_r = 53.8$ ;  
 $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.6 °C

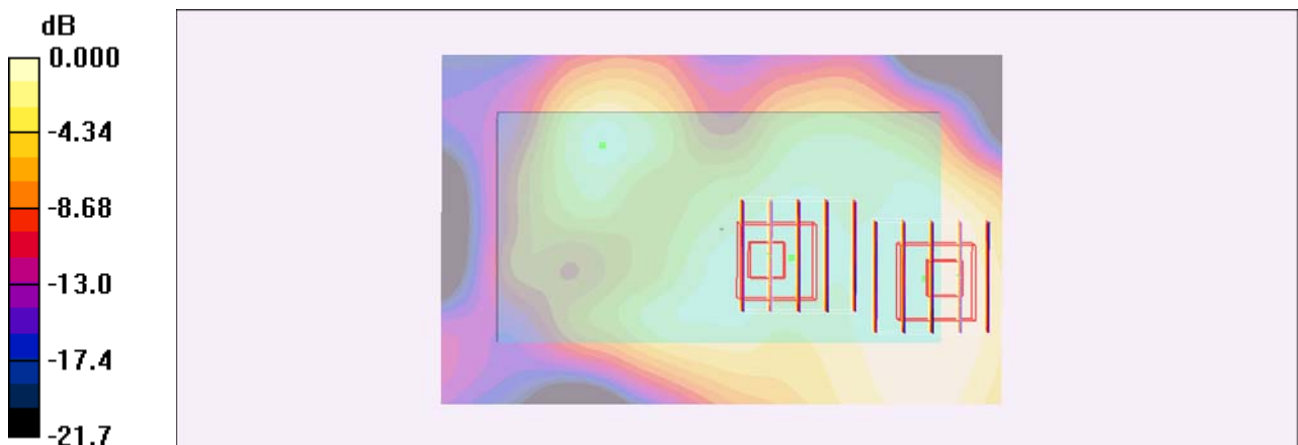
DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.67, 6.67, 6.67); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch0/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 0.059 mW/g

**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 4.02 V/m; Power Drift = -0.159 dB  
Peak SAR (extrapolated) = 0.096 W/kg  
**SAR(1 g) = 0.052 mW/g; SAR(10 g) = 0.029 mW/g**  
Maximum value of SAR (measured) = 0.056 mW/g

**Ch0/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 4.02 V/m; Power Drift = -0.159 dB  
Peak SAR (extrapolated) = 0.080 W/kg  
**SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.025 mW/g**  
Maximum value of SAR (measured) = 0.049 mW/g



0 dB = 0.049mW/g

### #51 Wimax2600\_QPSK1-2\_Rear Face\_Ch0\_1cm\_Battery1\_Earphone\_5M\_Ant1

**DUT: 161543**

Communication System: Wimax\_2.6G\_5M; Frequency: 2498.5 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2450\_110701 Medium parameters used :  $f = 2498.5$  MHz;  $\sigma = 2.06$  mho/m;  $\epsilon_r = 50.9$ ;

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.67, 6.67, 6.67); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1244; Calibrated: 2011/1/7
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch0/Area Scan (51x81x1):** Measurement grid: dx=20mm, dy=20mm

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

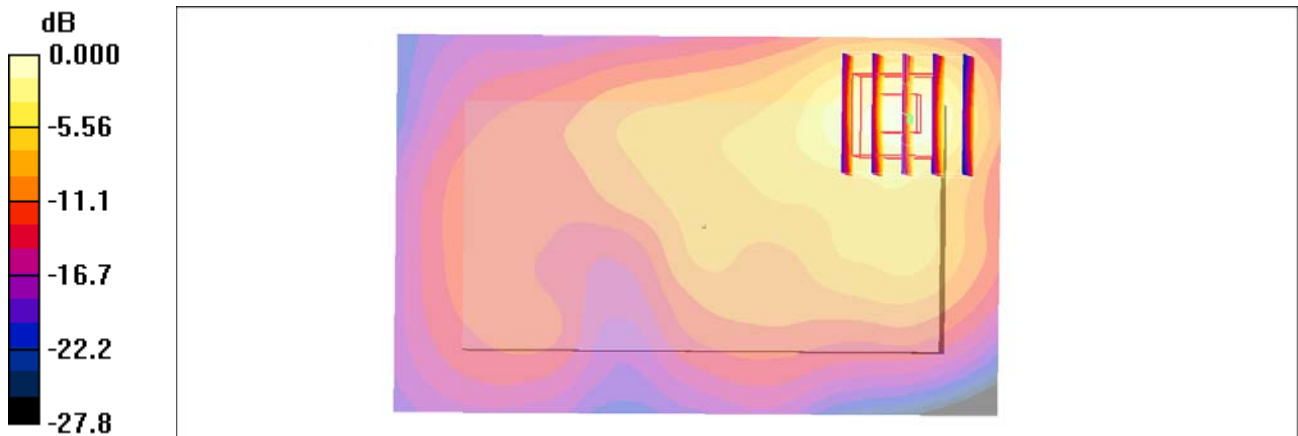
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.85 V/m; Power Drift = 0.063 dB

Peak SAR (extrapolated) = 0.927 W/kg

**SAR(1 g) = 0.443 mW/g; SAR(10 g) = 0.198 mW/g**

Maximum value of SAR (measured) = 0.498 mW/g



0 dB = 0.498mW/g