

## #9 GSM850\_Right Cheek\_Ch189\_Battery1

**DUT: 132448**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: HSL\_850\_110620 Medium parameters used :  $f = 836.4 \text{ MHz}$ ;  $\sigma = 0.896 \text{ mho/m}$ ;  $\epsilon_r = 41.6$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.71, 6.71, 6.71); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- 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

**Ch189/Area Scan (51x111x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) =  $0.343 \text{ mW/g}$

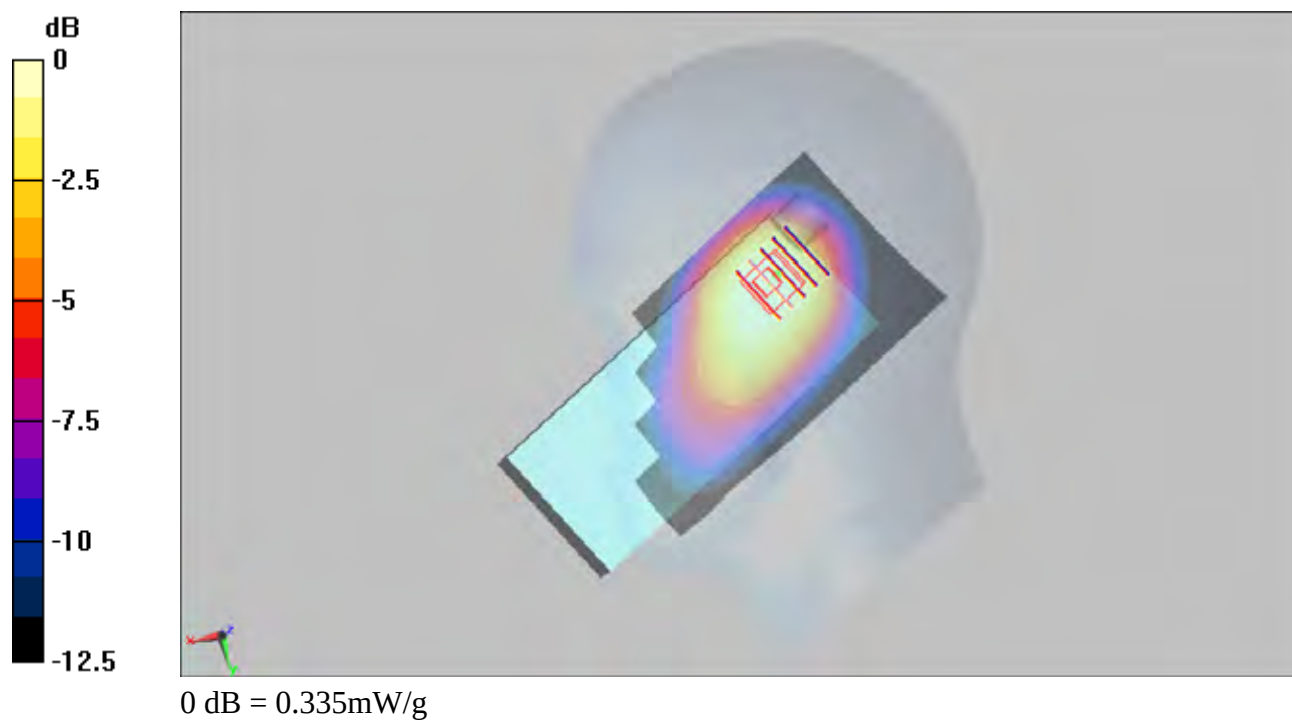
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $17.9 \text{ V/m}$ ; Power Drift =  $-0.033 \text{ dB}$

Peak SAR (extrapolated) =  $0.435 \text{ W/kg}$

**SAR(1 g) =  $0.317 \text{ mW/g}$ ; SAR(10 g) =  $0.218 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.335 \text{ mW/g}$



## #9 GSM850\_Right Cheek\_Ch189\_Battery2\_2D

**DUT: 132448**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: HSL\_850\_110620 Medium parameters used :  $f = 836.4 \text{ MHz}$ ;  $\sigma = 0.896 \text{ mho/m}$ ;  $\epsilon_r = 41.6$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.71, 6.71, 6.71); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- 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

**Ch189/Area Scan (51x111x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) =  $0.343 \text{ mW/g}$

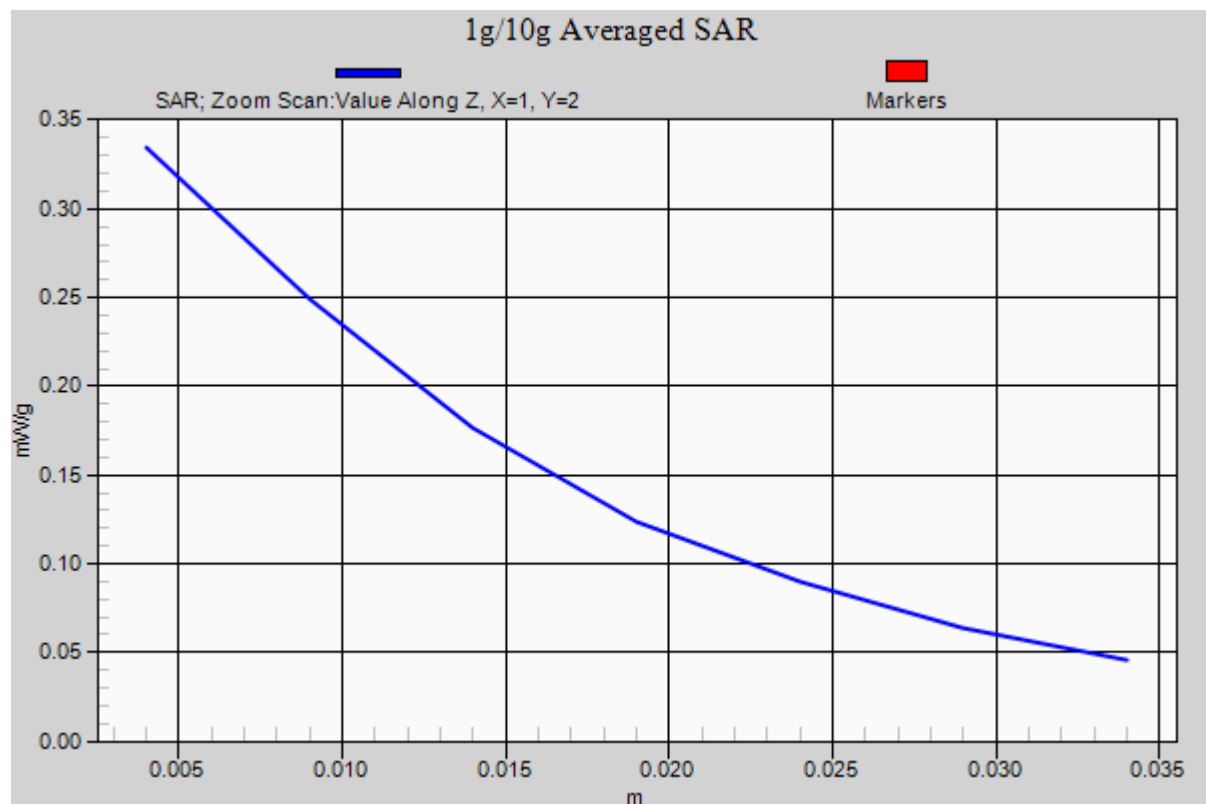
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $17.9 \text{ V/m}$ ; Power Drift =  $-0.033 \text{ dB}$

Peak SAR (extrapolated) =  $0.435 \text{ W/kg}$

**SAR(1 g) =  $0.317 \text{ mW/g}$ ; SAR(10 g) =  $0.218 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.335 \text{ mW/g}$



## #10 GSM850\_Right Tilted\_Ch189\_Battery1

**DUT: 132448**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: HSL\_850\_110620 Medium parameters used :  $f = 836.4 \text{ MHz}$ ;  $\sigma = 0.896 \text{ mho/m}$ ;  $\epsilon_r = 41.6$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.71, 6.71, 6.71); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- 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

**Ch189/Area Scan (51x111x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) =  $0.276 \text{ mW/g}$

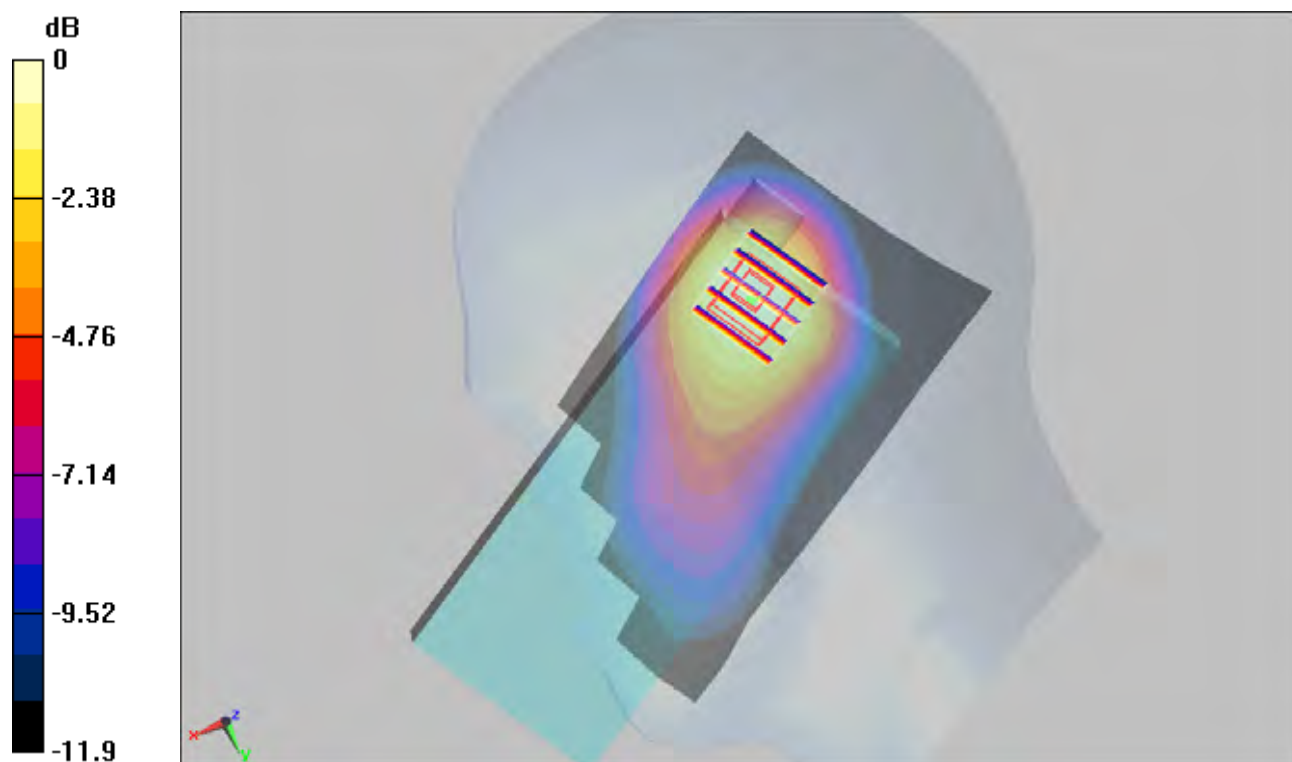
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $15.4 \text{ V/m}$ ; Power Drift =  $-0.067 \text{ dB}$

Peak SAR (extrapolated) =  $0.370 \text{ W/kg}$

**SAR(1 g) =  $0.247 \text{ mW/g}$ ; SAR(10 g) =  $0.161 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.262 \text{ mW/g}$



0 dB = 0.262mW/g

## #11 GSM850\_Left Cheek\_Ch189\_Battery1

**DUT: 132448**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: HSL\_850\_110620 Medium parameters used :  $f = 836.4 \text{ MHz}$ ;  $\sigma = 0.896 \text{ mho/m}$ ;  $\epsilon_r = 41.6$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.71, 6.71, 6.71); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- 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

**Ch189/Area Scan (51x111x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) =  $0.302 \text{ mW/g}$

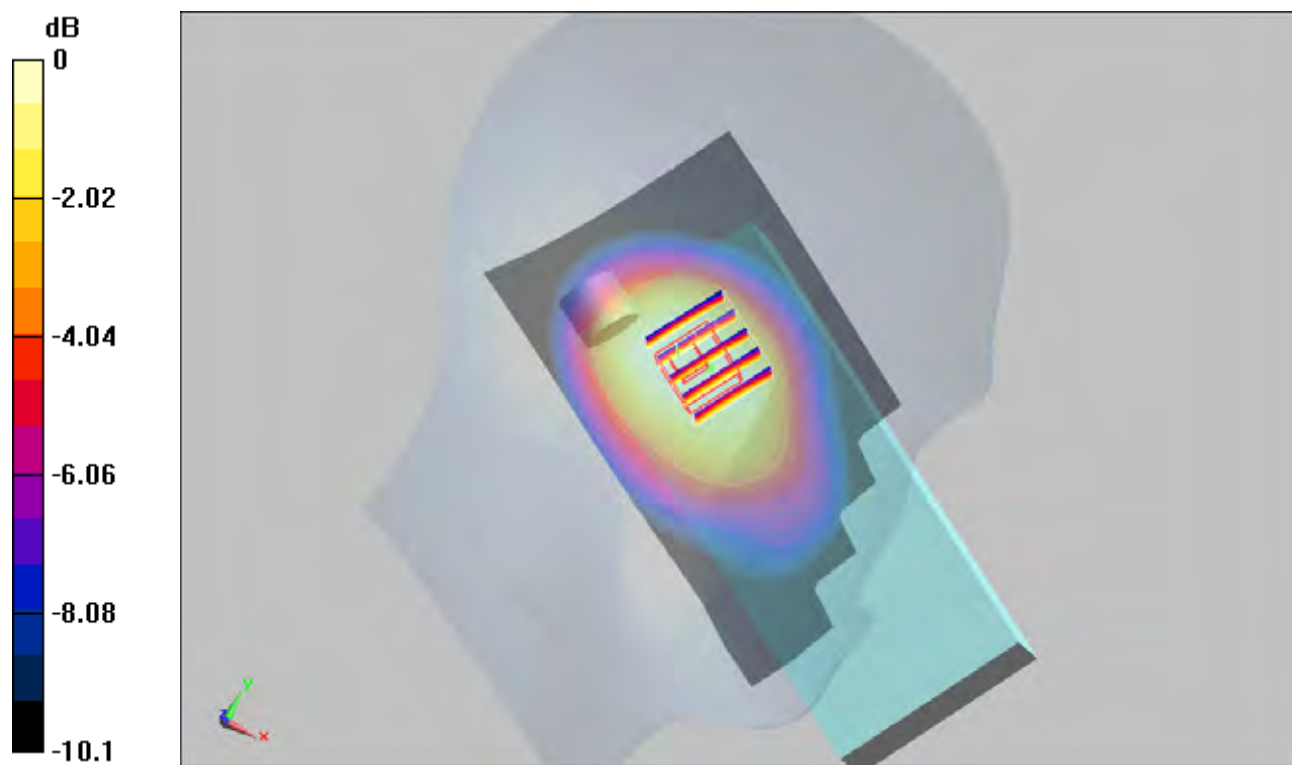
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $17.7 \text{ V/m}$ ; Power Drift =  $-0.032 \text{ dB}$

Peak SAR (extrapolated) =  $0.345 \text{ W/kg}$

**SAR(1 g) =  $0.275 \text{ mW/g}$ ; SAR(10 g) =  $0.205 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.291 \text{ mW/g}$



0 dB = 0.291mW/g



## #12 GSM850\_Left Tilted\_Ch189\_Battery1

**DUT: 132448**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: HSL\_850\_110620 Medium parameters used :  $f = 836.4 \text{ MHz}$ ;  $\sigma = 0.896 \text{ mho/m}$ ;  $\epsilon_r = 41.6$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.71, 6.71, 6.71); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- 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

**Ch189/Area Scan (51x111x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) =  $0.247 \text{ mW/g}$

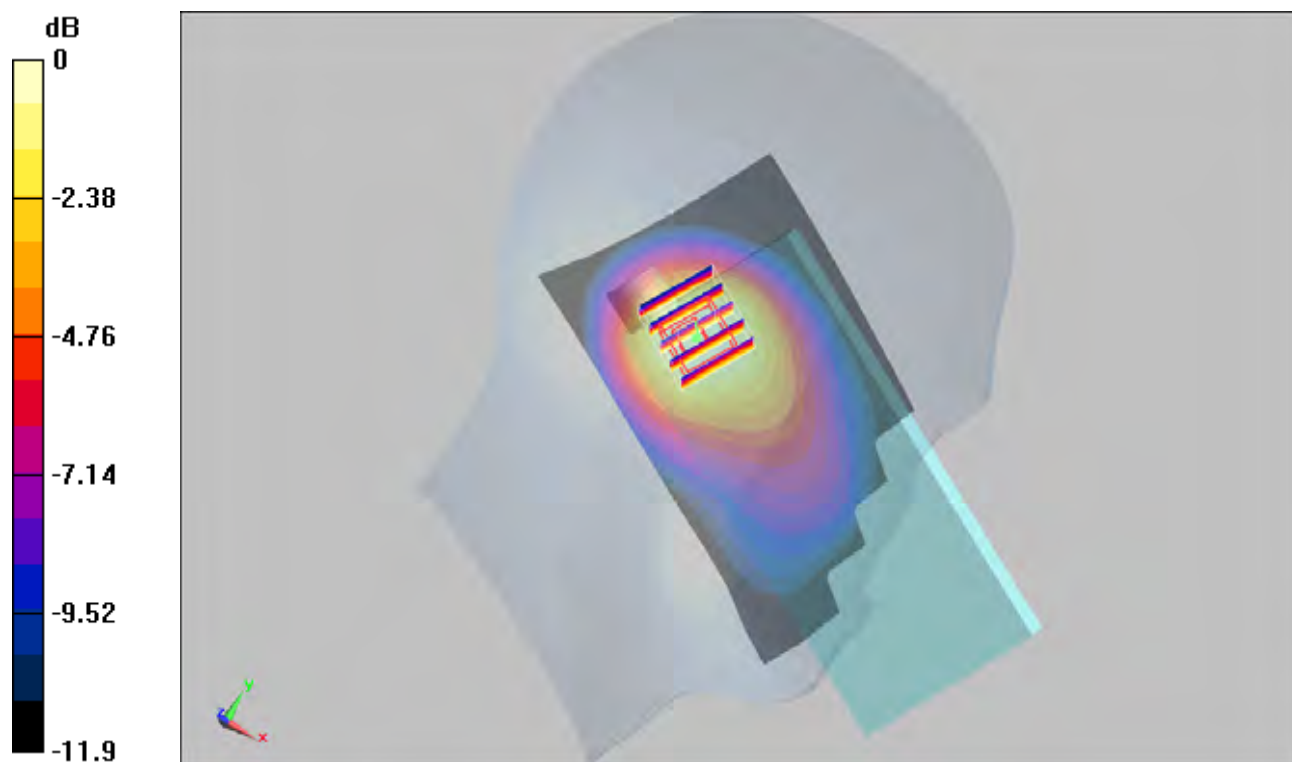
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $15.6 \text{ V/m}$ ; Power Drift =  $0.019 \text{ dB}$

Peak SAR (extrapolated) =  $0.306 \text{ W/kg}$

**SAR(1 g) =  $0.217 \text{ mW/g}$ ; SAR(10 g) =  $0.146 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.233 \text{ mW/g}$



0 dB = 0.233mW/g

## #13 GSM850\_Right Cheek\_Ch189\_Battery2

**DUT: 132448**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:8.3

Medium: HSL\_850\_110620 Medium parameters used:  $f = 836.4 \text{ MHz}$ ;  $\sigma = 0.896 \text{ mho/m}$ ;  $\epsilon_r = 41.6$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.71, 6.71, 6.71); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- 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

**Ch189/Area Scan (51x111x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) =  $0.341 \text{ mW/g}$

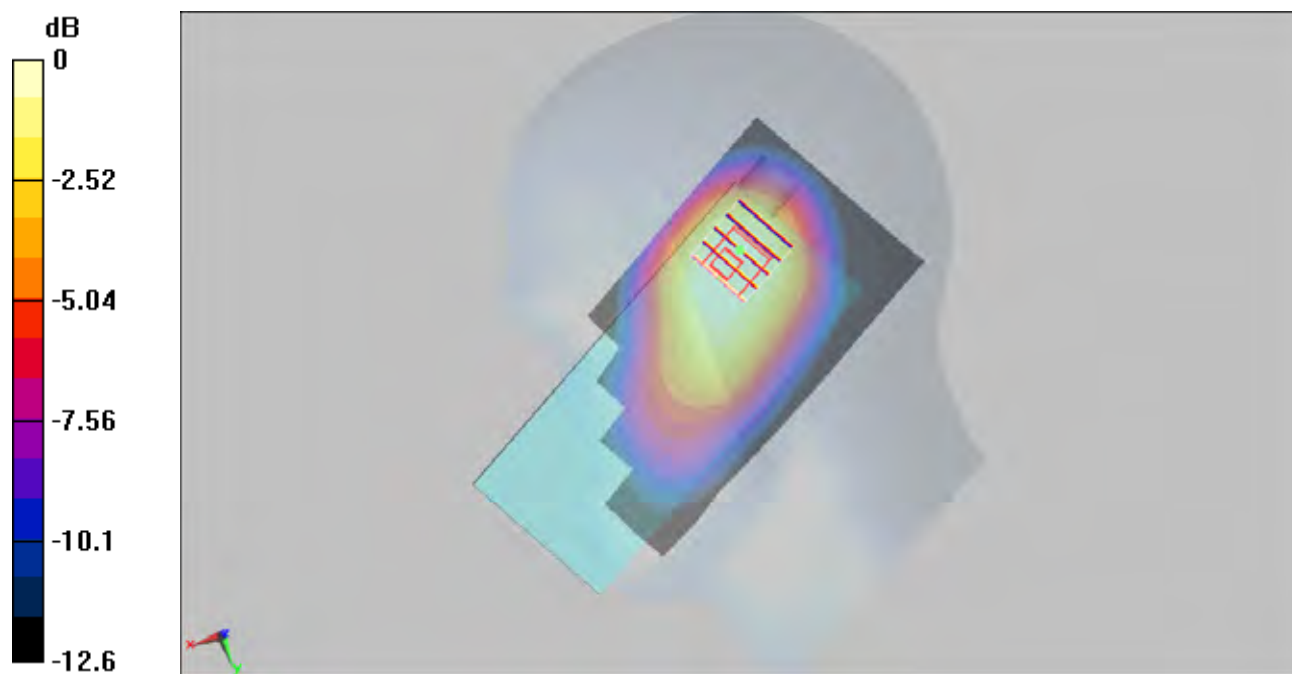
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $17.5 \text{ V/m}$ ; Power Drift =  $-0.187 \text{ dB}$

Peak SAR (extrapolated) =  $0.416 \text{ W/kg}$

**SAR(1 g) =  $0.309 \text{ mW/g}$ ; SAR(10 g) =  $0.214 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.325 \text{ mW/g}$



0 dB = 0.325mW/g

## #01 GSM1900\_Right Cheek\_Ch661\_Battery1

**DUT: 132448**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_110620 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.41 \text{ mho/m}$ ;  $\epsilon_r = 39.4$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.03, 5.03, 5.03); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- 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

**Ch661/Area Scan (51x111x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) =  $0.492 \text{ mW/g}$

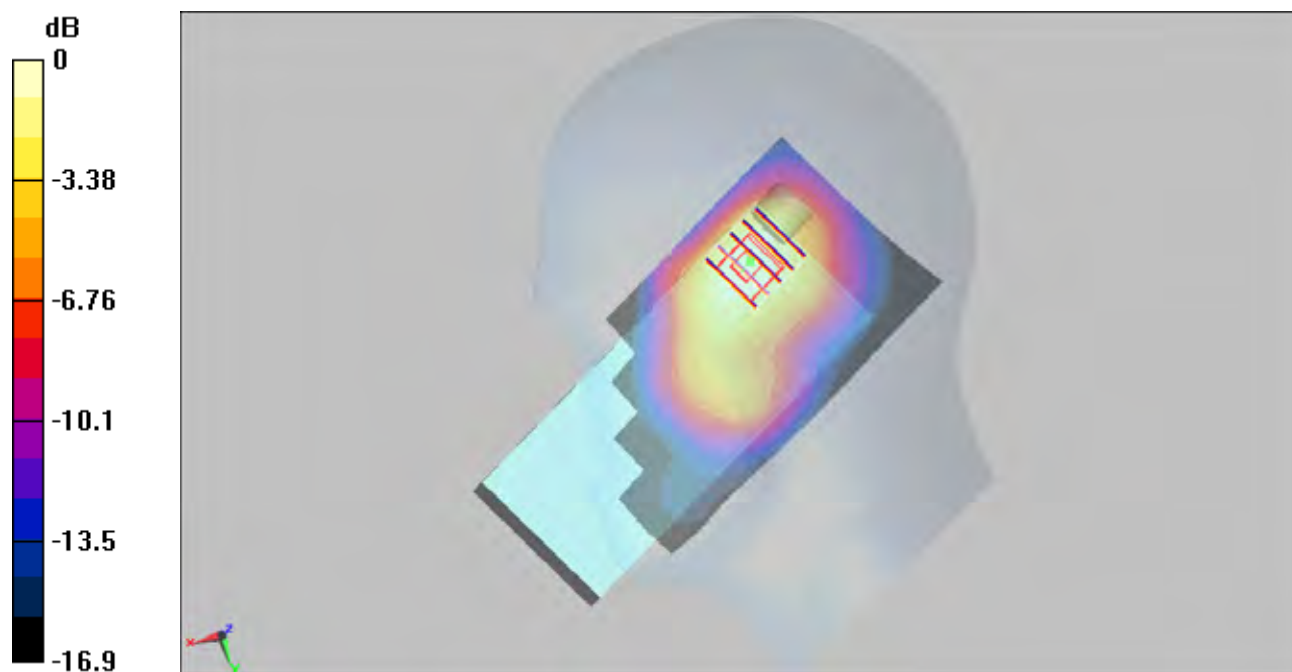
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $13.2 \text{ V/m}$ ; Power Drift =  $0.018 \text{ dB}$

Peak SAR (extrapolated) =  $0.686 \text{ W/kg}$

**SAR(1 g) =  $0.427 \text{ mW/g}$ ; SAR(10 g) =  $0.254 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.460 \text{ mW/g}$



0 dB = 0.460mW/g

## #02 GSM1900\_Right Tilted\_Ch661\_Battery1

**DUT: 132448**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_110620 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.41 \text{ mho/m}$ ;  $\epsilon_r = 39.4$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.03, 5.03, 5.03); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- 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

**Ch661/Area Scan (51x111x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) =  $0.517 \text{ mW/g}$

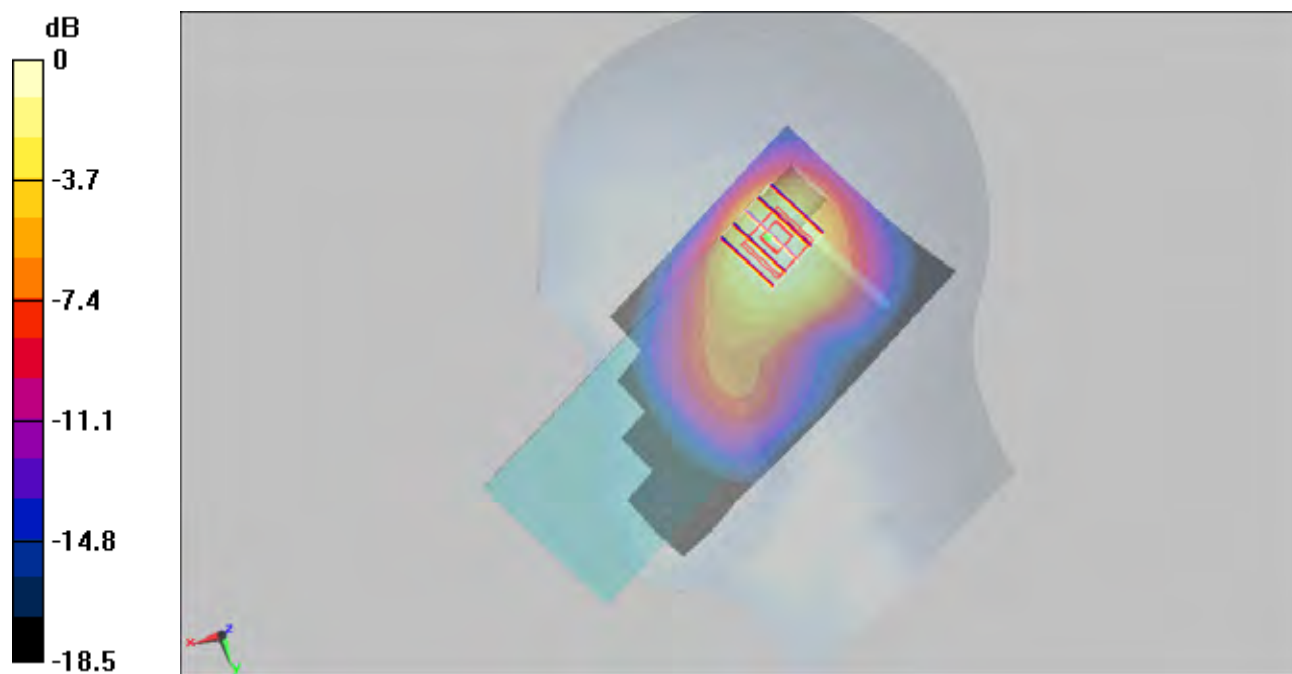
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $14.7 \text{ V/m}$ ; Power Drift =  $-0.021 \text{ dB}$

Peak SAR (extrapolated) =  $0.743 \text{ W/kg}$

**SAR(1 g) =  $0.445 \text{ mW/g}$ ; SAR(10 g) =  $0.256 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.490 \text{ mW/g}$



0 dB = 0.490mW/g



## #02 GSM1900\_Right Tilted\_Ch661\_Battery1\_2D

**DUT: 132448**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_110620 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.41 \text{ mho/m}$ ;  $\epsilon_r = 39.4$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.03, 5.03, 5.03); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- 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

**Ch661/Area Scan (51x111x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) =  $0.517 \text{ mW/g}$

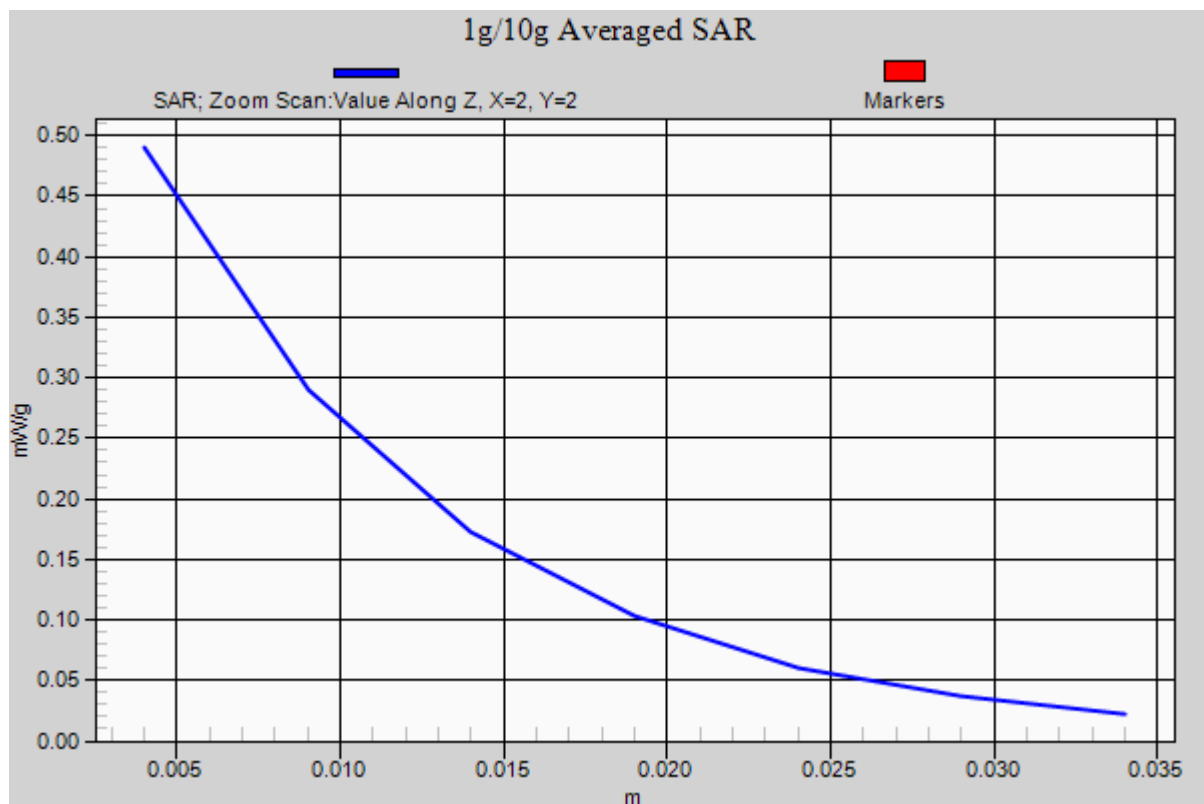
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $14.7 \text{ V/m}$ ; Power Drift =  $-0.021 \text{ dB}$

Peak SAR (extrapolated) =  $0.743 \text{ W/kg}$

**SAR(1 g) =  $0.445 \text{ mW/g}$ ; SAR(10 g) =  $0.256 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.490 \text{ mW/g}$



### #03 GSM1900\_Left Cheek\_Ch661\_Battery1

**DUT: 132448**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_110620 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.41 \text{ mho/m}$ ;  $\epsilon_r = 39.4$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.03, 5.03, 5.03); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- 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

**Ch661/Area Scan (51x111x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) =  $0.317 \text{ mW/g}$

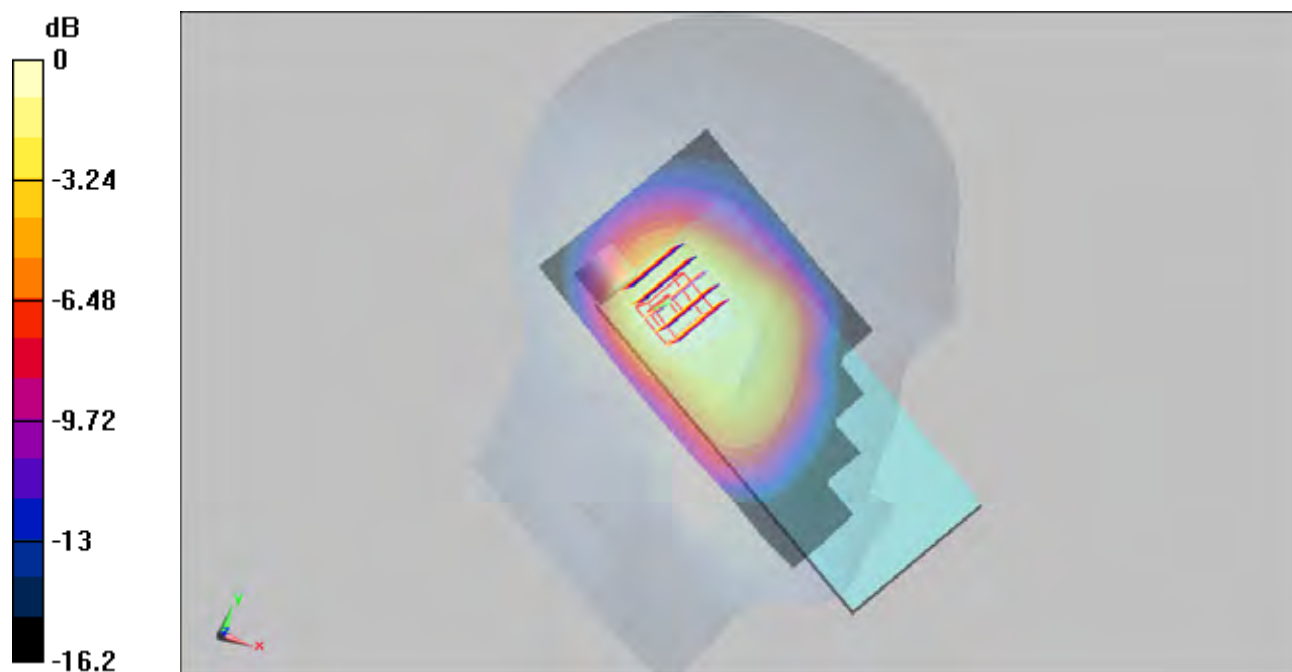
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $13.3 \text{ V/m}$ ; Power Drift =  $-0.074 \text{ dB}$

Peak SAR (extrapolated) =  $0.434 \text{ W/kg}$

**SAR(1 g) =  $0.279 \text{ mW/g}$ ; SAR(10 g) =  $0.173 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.292 \text{ mW/g}$



0 dB = 0.292mW/g

## #04 GSM1900\_Left Tilted\_Ch661\_Battery1

**DUT: 132448**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_110620 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.41 \text{ mho/m}$ ;  $\epsilon_r = 39.4$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.03, 5.03, 5.03); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- 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

**Ch661/Area Scan (51x111x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) =  $0.378 \text{ mW/g}$

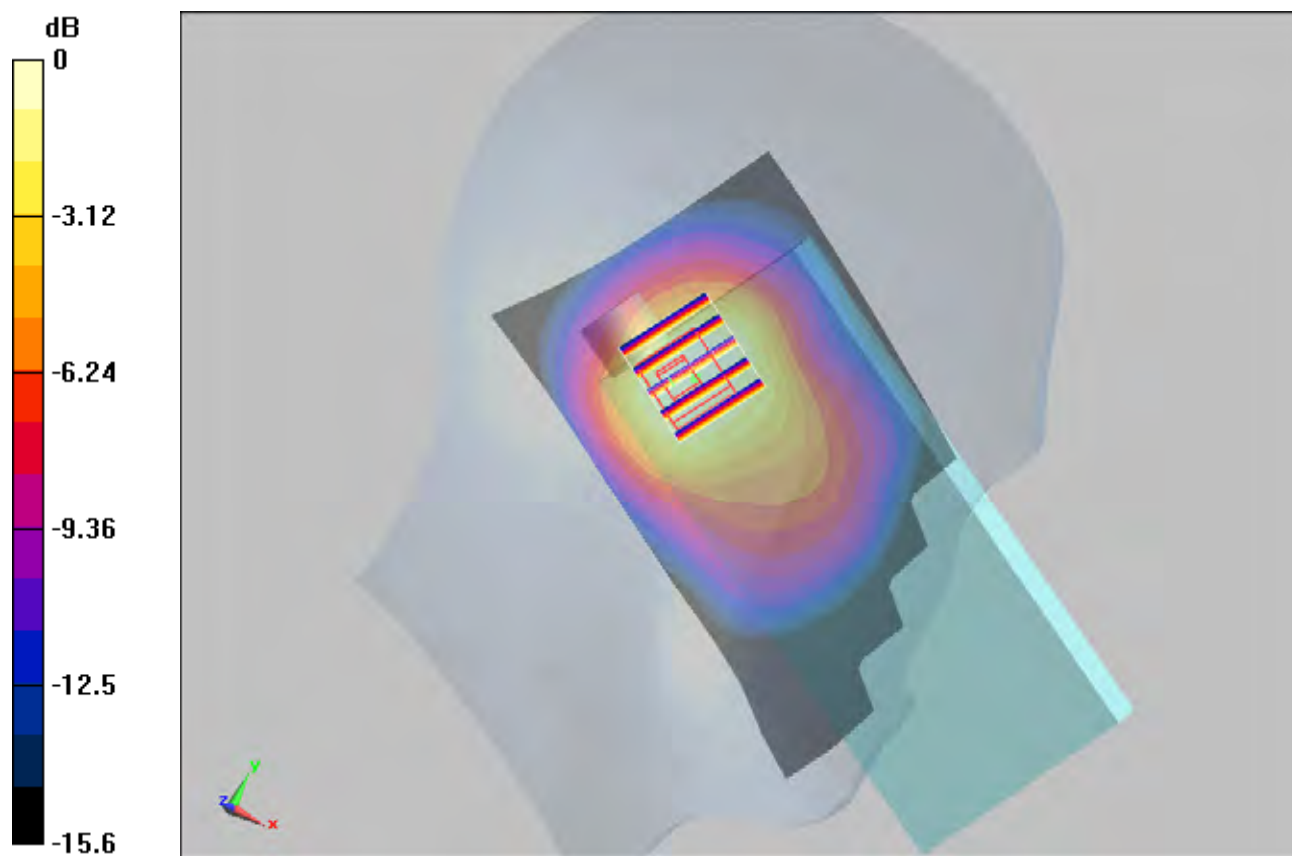
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $14.6 \text{ V/m}$ ; Power Drift =  $-0.011 \text{ dB}$

Peak SAR (extrapolated) =  $0.520 \text{ W/kg}$

**SAR(1 g) =  $0.328 \text{ mW/g}$ ; SAR(10 g) =  $0.196 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.359 \text{ mW/g}$



0 dB = 0.359mW/g

## #05 GSM1900\_Right Tilted\_Ch661\_Battery2

**DUT: 132448**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: HSL\_1900\_110620 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.41 \text{ mho/m}$ ;  $\epsilon_r = 39.4$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.03, 5.03, 5.03); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- 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

**Ch661/Area Scan (51x111x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) =  $0.461 \text{ mW/g}$

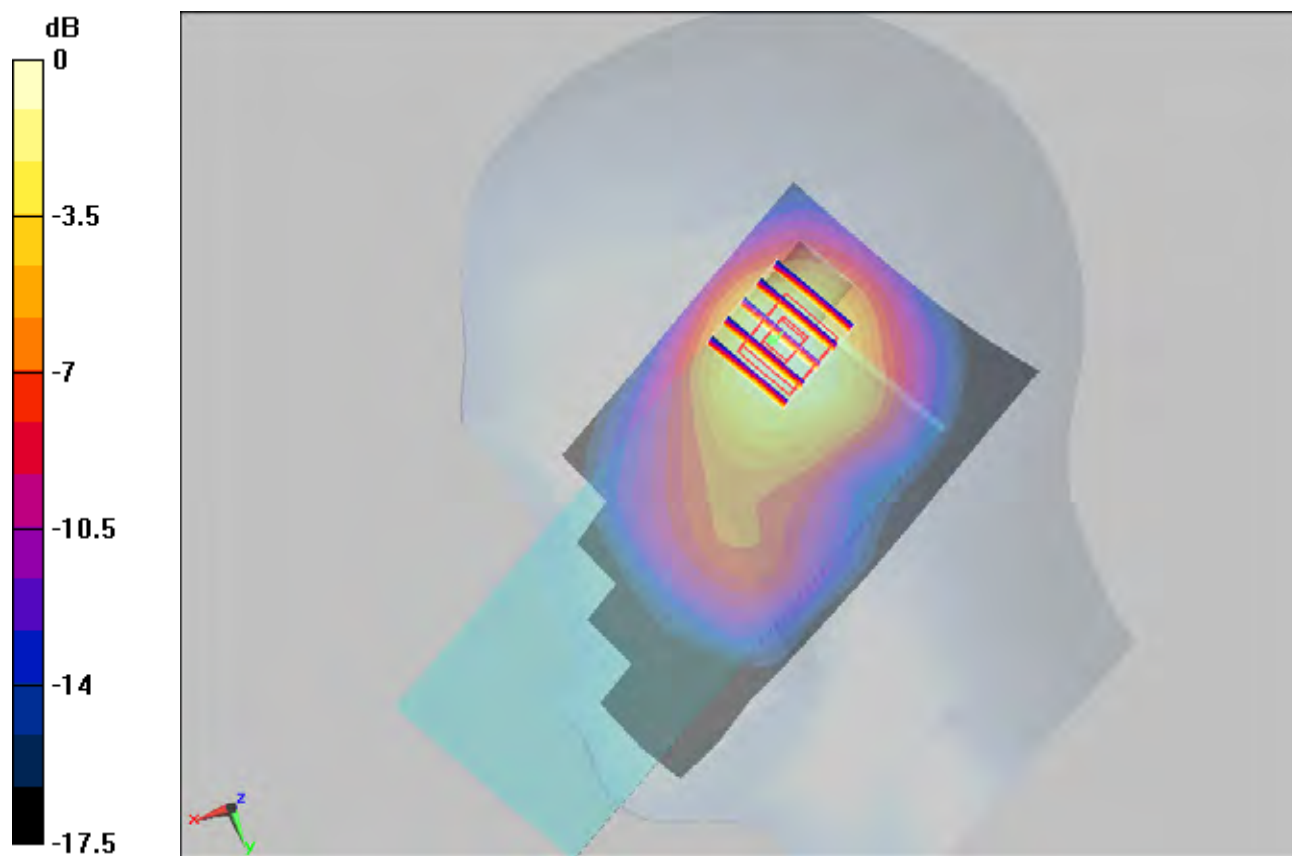
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $14.3 \text{ V/m}$ ; Power Drift =  $-0.064 \text{ dB}$

Peak SAR (extrapolated) =  $0.705 \text{ W/kg}$

**SAR(1 g) =  $0.423 \text{ mW/g}$ ; SAR(10 g) =  $0.243 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.465 \text{ mW/g}$



0 dB = 0.465mW/g



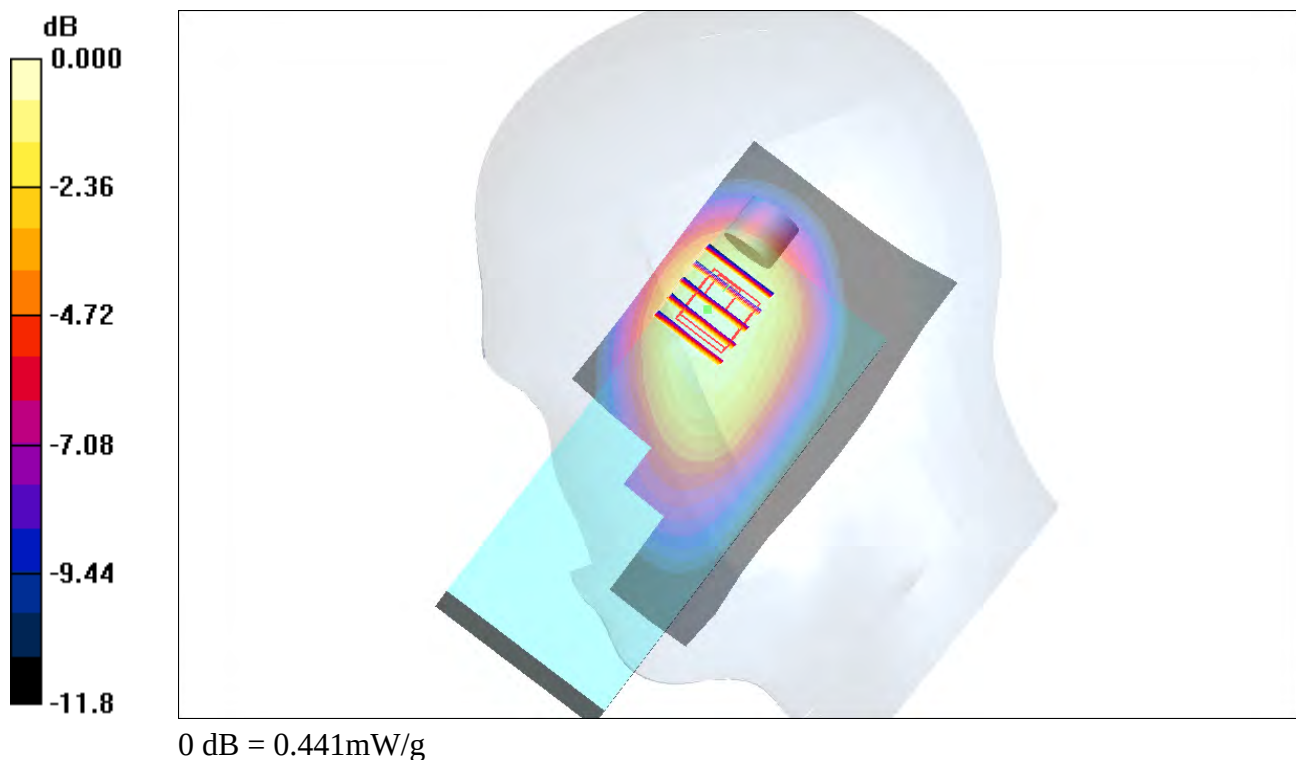
**#23 WCDMA V\_RMC12.2K\_Right Cheek\_Ch4233\_Battery1****DUT: 132448**

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

Medium: HSL\_850\_110620 Medium parameters used:  $f = 847 \text{ MHz}$ ;  $\sigma = 0.906 \text{ mho/m}$ ;  $\epsilon_r = 41.5$ ;  $\rho = 1000 \text{ kg/m}^3$ Ambient Temperature :  $22.5^\circ \text{C}$ ; Liquid Temperature :  $21.5^\circ \text{C}$ 

DASY4 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\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch4233/Area Scan (51x111x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$ Maximum value of SAR (interpolated) =  $0.463 \text{ mW/g}$ **Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $17.5 \text{ V/m}$ ; Power Drift =  $0.068 \text{ dB}$ Peak SAR (extrapolated) =  $0.611 \text{ W/kg}$ **SAR(1 g) =  $0.413 \text{ mW/g}$ ; SAR(10 g) =  $0.281 \text{ mW/g}$** Maximum value of SAR (measured) =  $0.441 \text{ mW/g}$ 

**#23 WCDMA V\_RMC12.2K\_Right Cheek\_Ch4233\_Battery1\_2D****DUT: 132448**

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

Medium: HSL\_850\_110620 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.906$  mho/m;  $\epsilon_r = 41.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 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\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch4233/Area Scan (51x111x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.463 mW/g

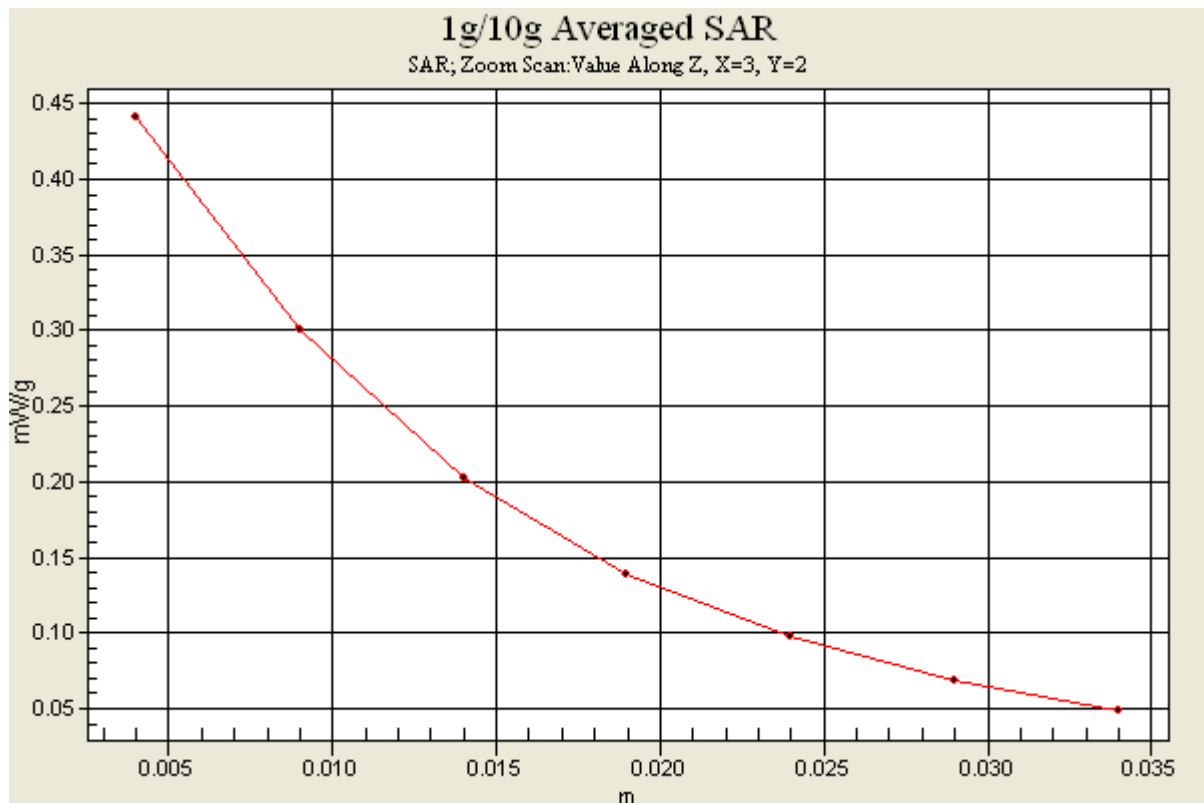
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.5 V/m; Power Drift = 0.068 dB

Peak SAR (extrapolated) = 0.611 W/kg

**SAR(1 g) = 0.413 mW/g; SAR(10 g) = 0.281 mW/g**

Maximum value of SAR (measured) = 0.441 mW/g



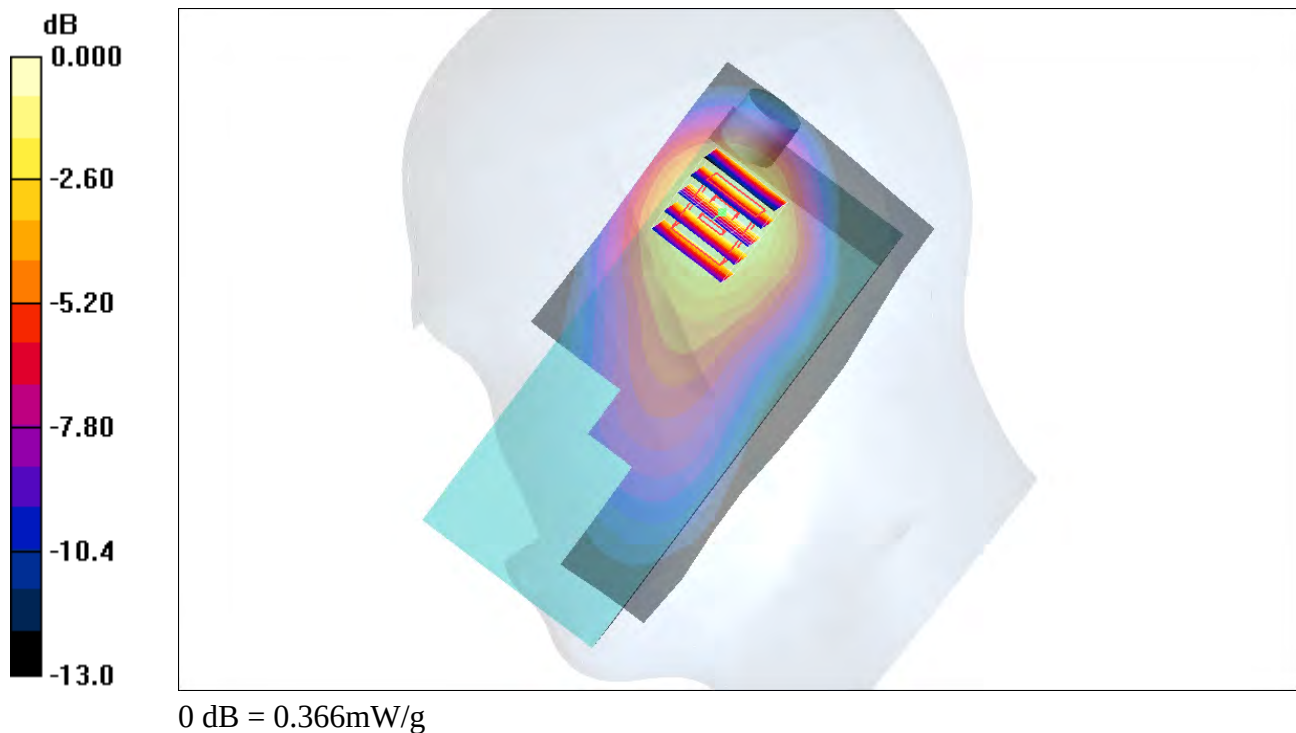
**#24 WCDMA V\_RMC12.2K\_Right Tilted\_Ch4233\_Battery1****DUT: 132448**

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

Medium: HSL\_850\_110620 Medium parameters used:  $f = 847 \text{ MHz}$ ;  $\sigma = 0.906 \text{ mho/m}$ ;  $\epsilon_r = 41.5$ ;  $\rho = 1000 \text{ kg/m}^3$ Ambient Temperature :  $22.5^\circ\text{C}$ ; Liquid Temperature :  $21.5^\circ\text{C}$ 

DASY4 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\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch4233/Area Scan (51x111x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$ Maximum value of SAR (interpolated) =  $0.347 \text{ mW/g}$ **Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $17.2 \text{ V/m}$ ; Power Drift =  $-0.005 \text{ dB}$ Peak SAR (extrapolated) =  $0.524 \text{ W/kg}$ **SAR(1 g) =  $0.340 \text{ mW/g}$ ; SAR(10 g) =  $0.213 \text{ mW/g}$** Maximum value of SAR (measured) =  $0.366 \text{ mW/g}$ 

**#25 WCDMA V\_RMC12.2K\_Left Cheek\_Ch4233\_Battery1****DUT: 132448**

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

Medium: HSL\_850\_110620 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.906$  mho/m;  $\epsilon_r = 41.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 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\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch4233/Area Scan (51x111x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.395 mW/g

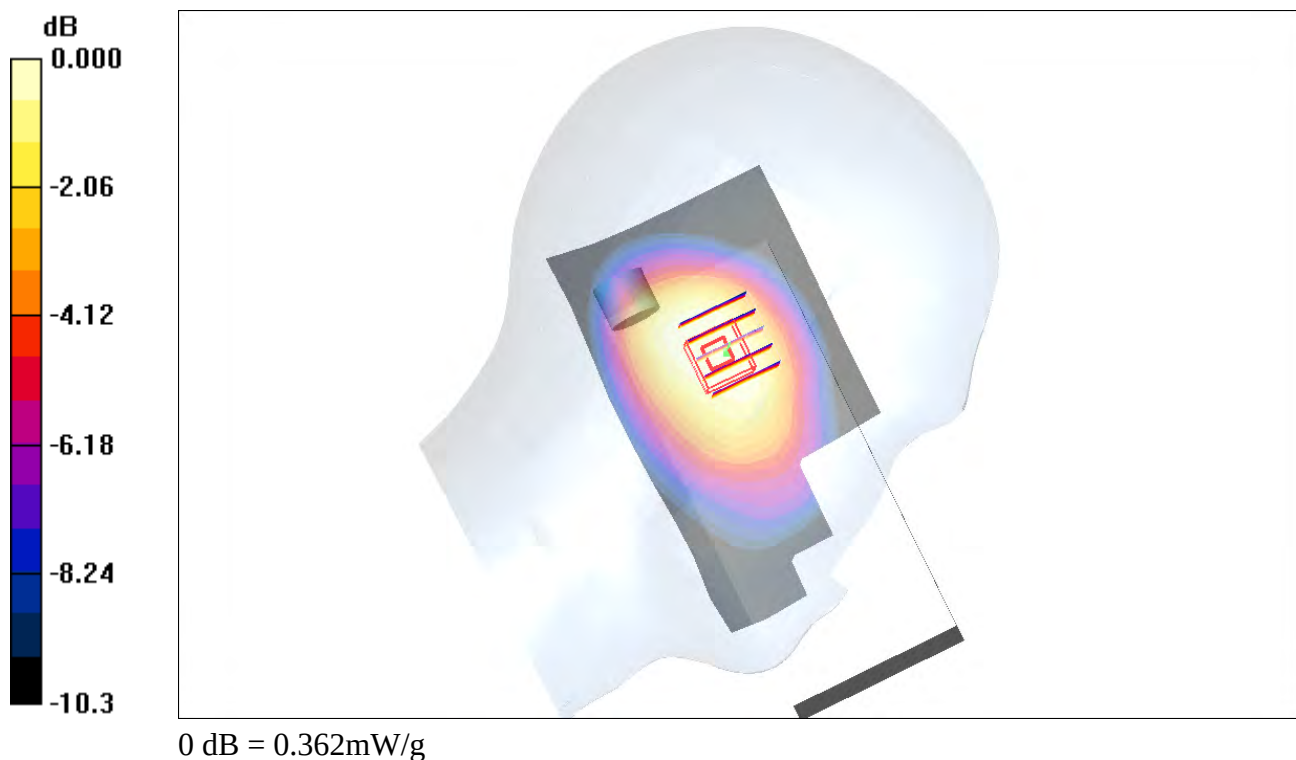
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.1 V/m; Power Drift = -0.019 dB

Peak SAR (extrapolated) = 0.421 W/kg

**SAR(1 g) = 0.345 mW/g; SAR(10 g) = 0.256 mW/g**

Maximum value of SAR (measured) = 0.362 mW/g



**#26 WCDMA V\_RMC12.2K\_Left Tilted\_Ch4233\_Battery1****DUT: 132448**

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

Medium: HSL\_850\_110620 Medium parameters used:  $f = 847 \text{ MHz}$ ;  $\sigma = 0.906 \text{ mho/m}$ ;  $\epsilon_r = 41.5$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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

DASY4 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\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch4233/Area Scan (51x111x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$ 

Maximum value of SAR (interpolated) = 0.300 mW/g

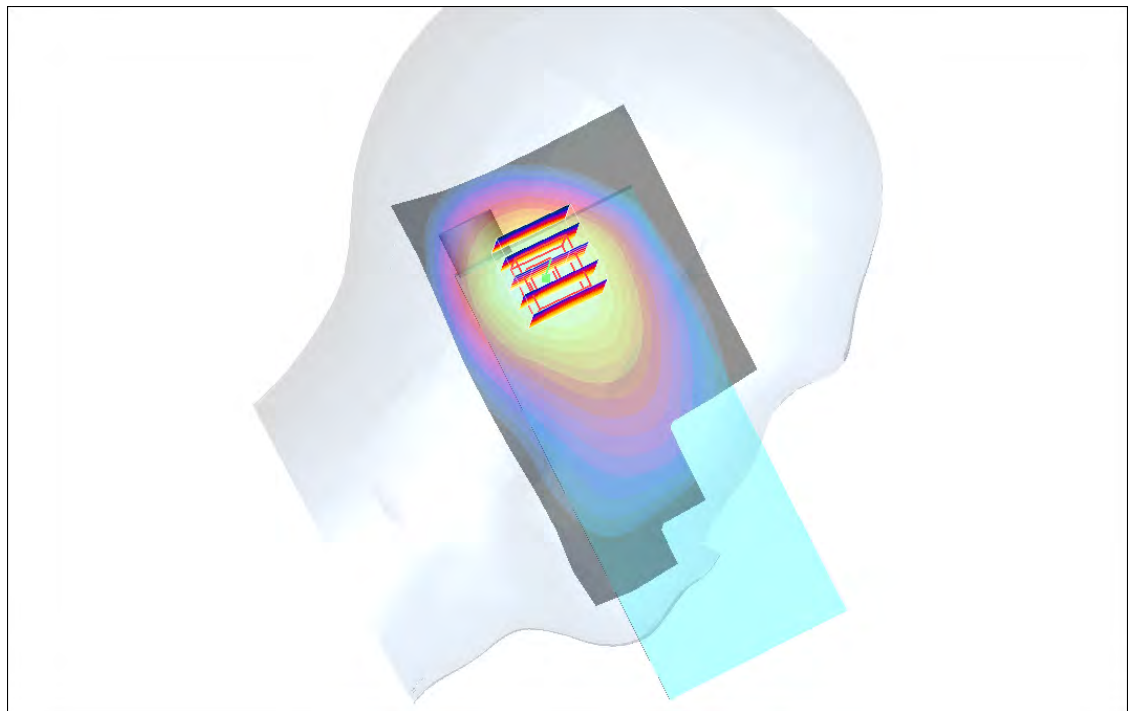
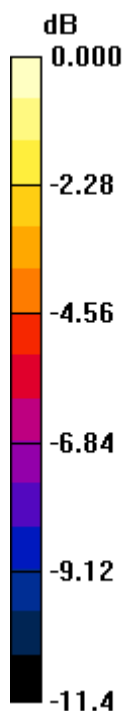
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ 

Reference Value = 17.5 V/m; Power Drift = -0.098 dB

Peak SAR (extrapolated) = 0.353 W/kg

**SAR(1 g) = 0.254 mW/g; SAR(10 g) = 0.174 mW/g**

Maximum value of SAR (measured) = 0.270 mW/g



0 dB = 0.270mW/g

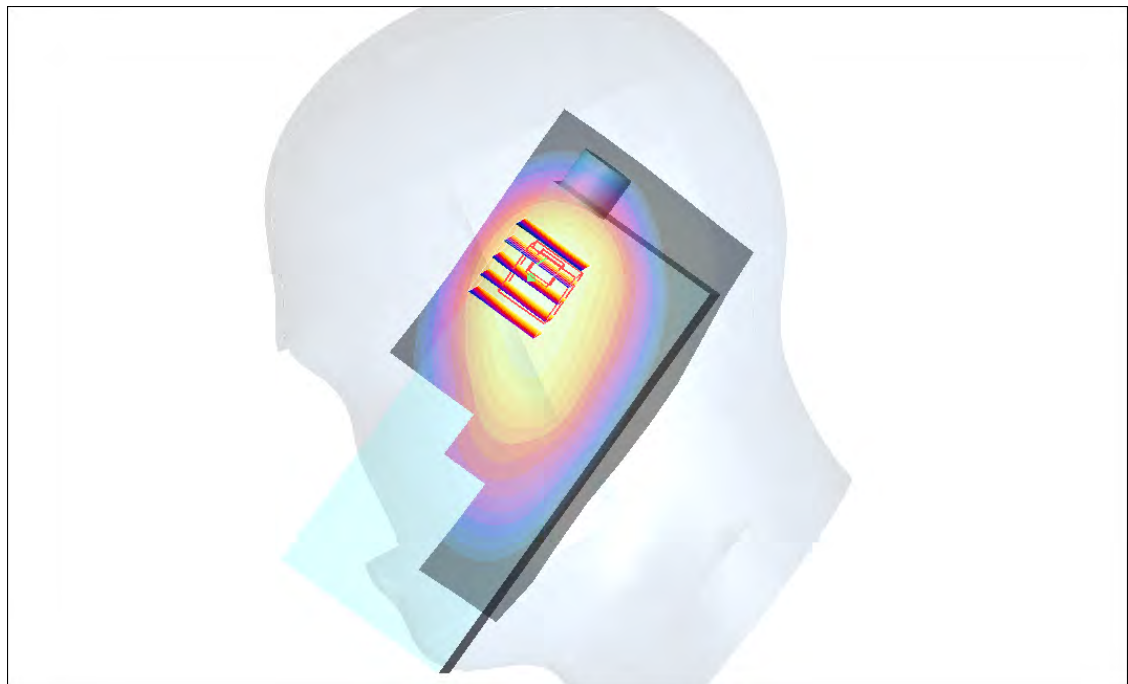
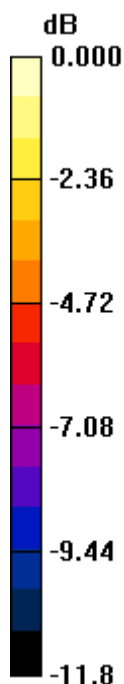
**#27 WCDMA V\_RMC12.2K\_Right Cheek\_Ch4233\_Battery2****DUT: 132448**

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

Medium: HSL\_850\_110620 Medium parameters used:  $f = 847 \text{ MHz}$ ;  $\sigma = 0.906 \text{ mho/m}$ ;  $\epsilon_r = 41.5$ ;  $\rho = 1000 \text{ kg/m}^3$ Ambient Temperature :  $22.5^\circ\text{C}$ ; Liquid Temperature :  $21.5^\circ\text{C}$ 

DASY4 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\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch4233/Area Scan (51x111x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$ Maximum value of SAR (interpolated) =  $0.373 \text{ mW/g}$ **Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $17.2 \text{ V/m}$ ; Power Drift =  $0.156 \text{ dB}$ Peak SAR (extrapolated) =  $0.529 \text{ W/kg}$ **SAR(1 g) =  $0.364 \text{ mW/g}$ ; SAR(10 g) =  $0.249 \text{ mW/g}$** Maximum value of SAR (measured) =  $0.383 \text{ mW/g}$ 0 dB =  $0.383 \text{ mW/g}$

**#28 WCDMA II\_RMC12.2K\_Right Cheek\_Ch9400\_Battery1****DUT: 132448**

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

Medium: HSL\_1900\_110620 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 39.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.03, 5.03, 5.03); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9400/Area Scan (51x111x1):** Measurement grid: dx=20mm, dy=20mm

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

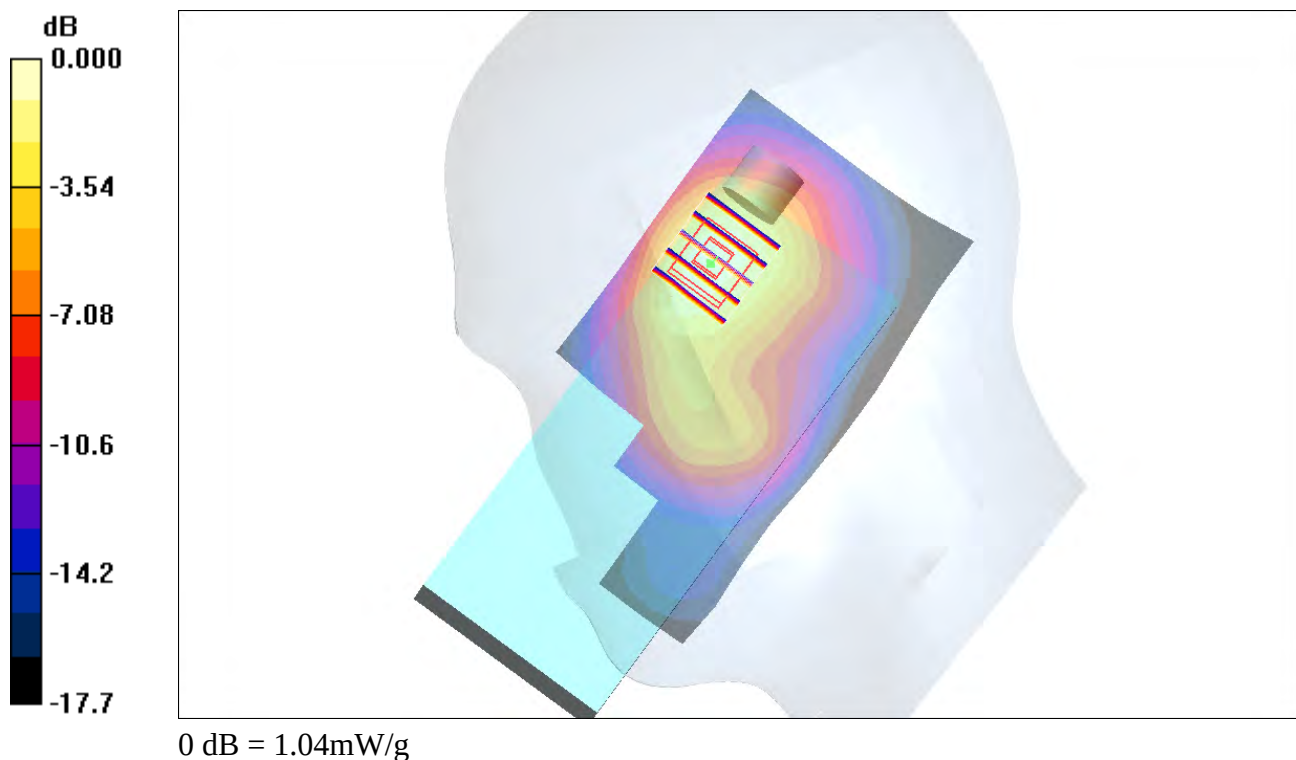
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.8 V/m; Power Drift = 0.143 dB

Peak SAR (extrapolated) = 1.63 W/kg

**SAR(1 g) = 0.948 mW/g; SAR(10 g) = 0.540 mW/g**

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





**#29 WCDMA II\_RMC12.2K\_Right Tilted\_Ch9400\_Battery1****DUT: 132448**

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

Medium: HSL\_1900\_110620 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 39.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.03, 5.03, 5.03); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9400/Area Scan (51x111x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.14 mW/g

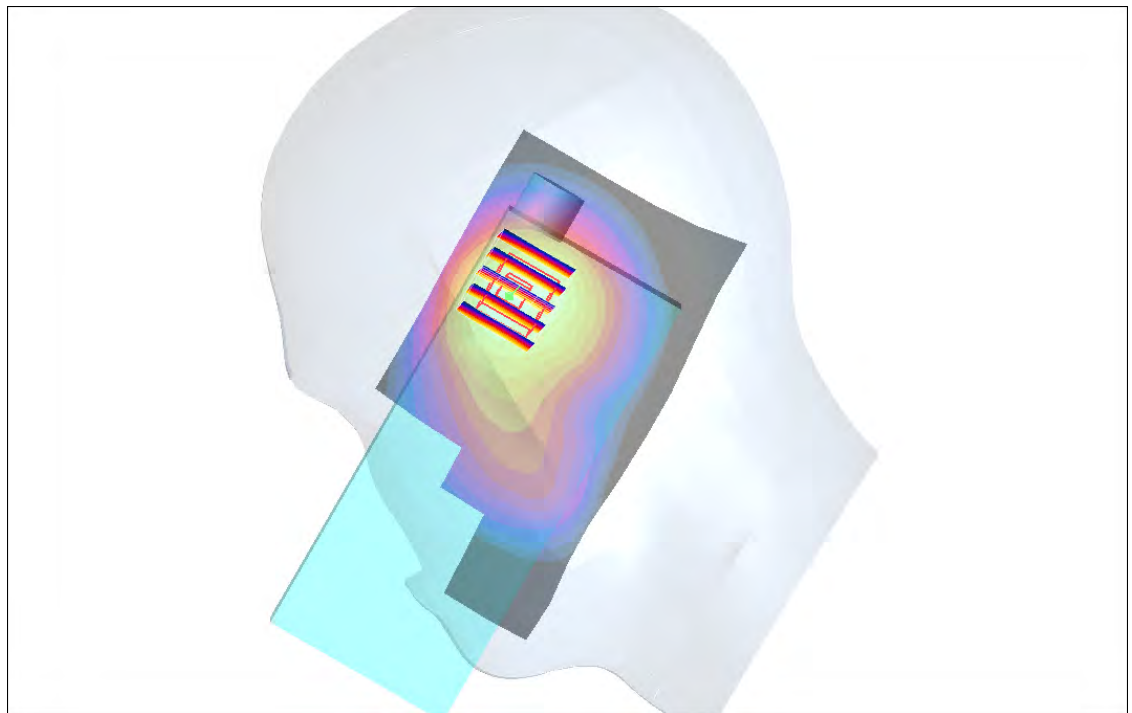
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.5 V/m; Power Drift = 0.019 dB

Peak SAR (extrapolated) = 1.82 W/kg

**SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.579 mW/g**

Maximum value of SAR (measured) = 1.15 mW/g



0 dB = 1.15mW/g



**#29 WCDMA II\_RMC12.2K\_Right Tilted\_Ch9400\_Battery1\_2D****DUT: 132448**

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

Medium: HSL\_1900\_110620 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 39.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.03, 5.03, 5.03); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9400/Area Scan (51x111x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.14 mW/g

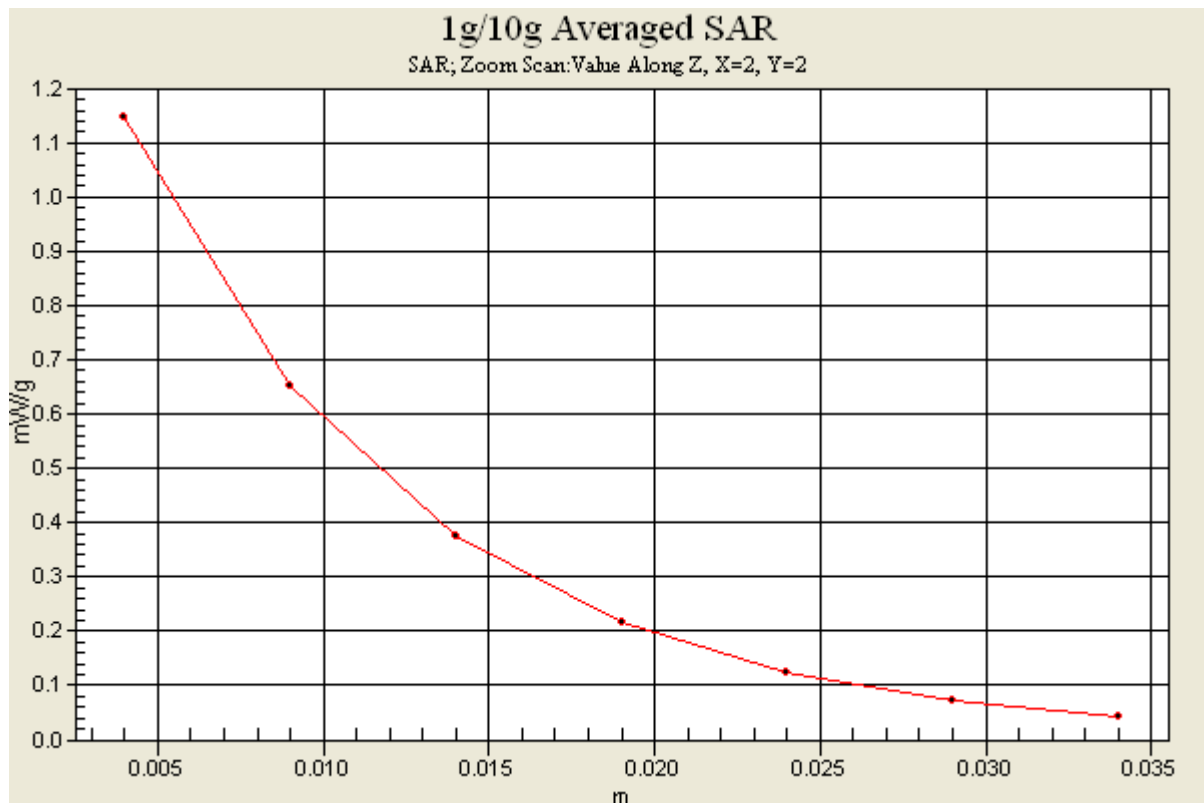
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.5 V/m; Power Drift = 0.019 dB

Peak SAR (extrapolated) = 1.82 W/kg

**SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.579 mW/g**

Maximum value of SAR (measured) = 1.15 mW/g



**#30 WCDMA II\_RMC12.2K\_Left Cheek\_Ch9400\_Battery1****DUT: 132448**

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

Medium: HSL\_1900\_110620 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 39.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.03, 5.03, 5.03); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9400/Area Scan (51x111x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.704 mW/g

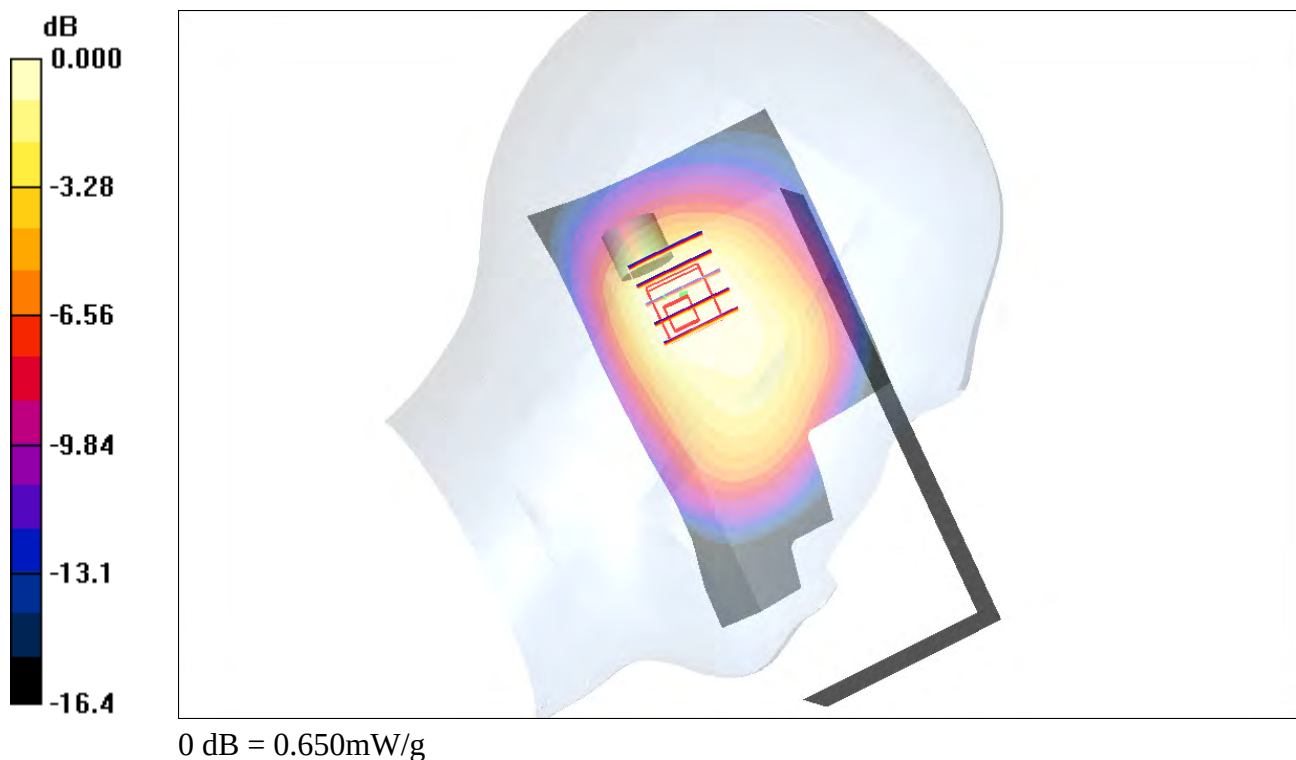
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.2 V/m; Power Drift = -0.105 dB

Peak SAR (extrapolated) = 0.975 W/kg

**SAR(1 g) = 0.615 mW/g; SAR(10 g) = 0.378 mW/g**

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



**#31 WCDMA II\_RMC12.2K\_Left Tilted\_Ch9400\_Battery1****DUT: 132448**

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

Medium: HSL\_1900\_110620 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 39.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.03, 5.03, 5.03); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9400/Area Scan (51x111x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.849 mW/g

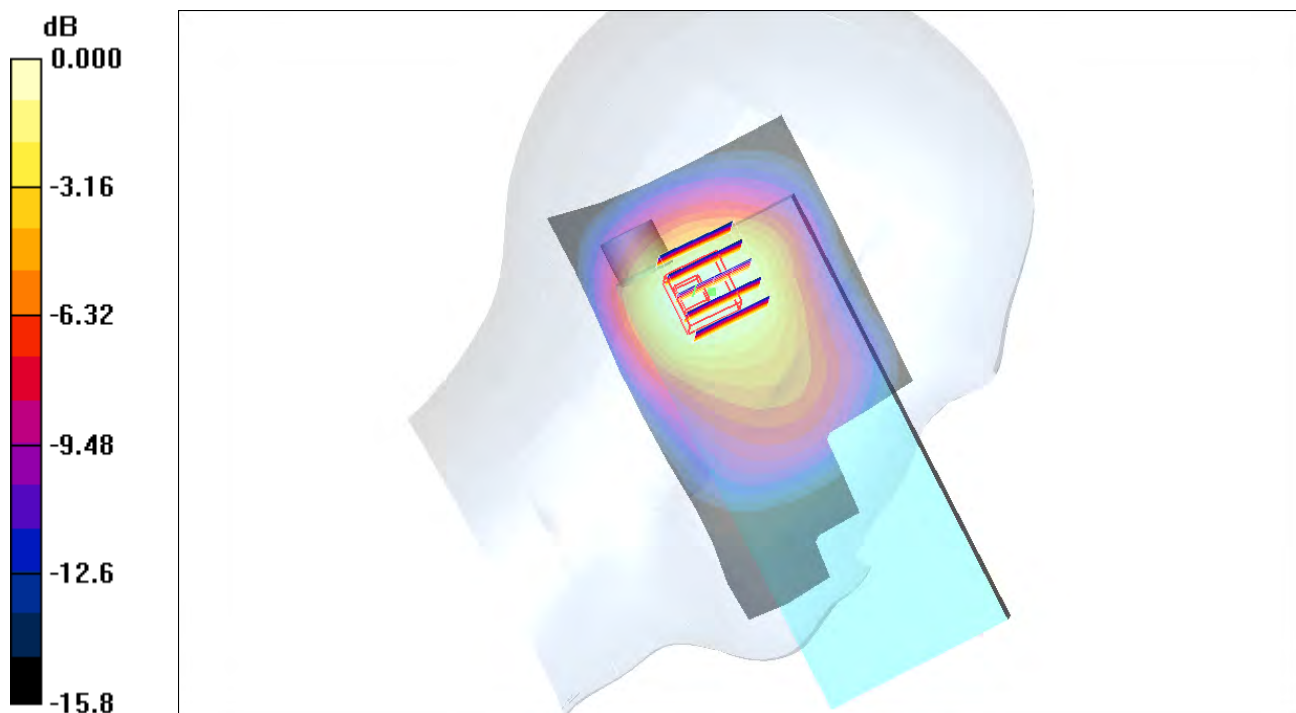
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.9 V/m; Power Drift = 0.026 dB

Peak SAR (extrapolated) = 1.14 W/kg

**SAR(1 g) = 0.713 mW/g; SAR(10 g) = 0.430 mW/g**

Maximum value of SAR (measured) = 0.771 mW/g



0 dB = 0.771mW/g

**#32 WCDMA II\_RMC12.2K\_Right Cheek\_Ch9262\_Battery1****DUT: 132448**

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

Medium: HSL\_1900\_110620 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.39$  mho/m;  $\epsilon_r = 39.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.03, 5.03, 5.03); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9262/Area Scan (51x111x1):** Measurement grid: dx=20mm, dy=20mm

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

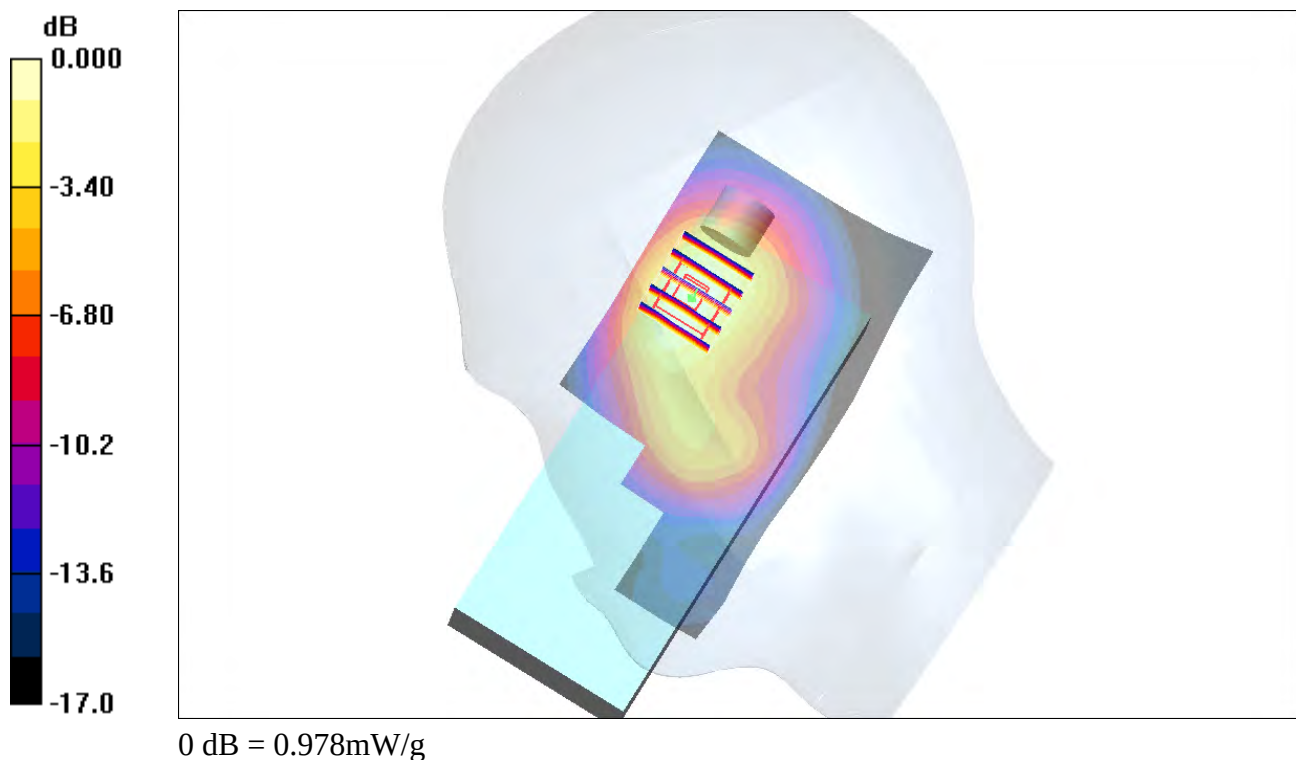
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.4 V/m; Power Drift = 0.159 dB

Peak SAR (extrapolated) = 1.52 W/kg

**SAR(1 g) = 0.897 mW/g; SAR(10 g) = 0.514 mW/g**

Maximum value of SAR (measured) = 0.978 mW/g



## #33 WCDMA II\_RMC12.2K\_Right Cheek\_Ch9538\_Battery1

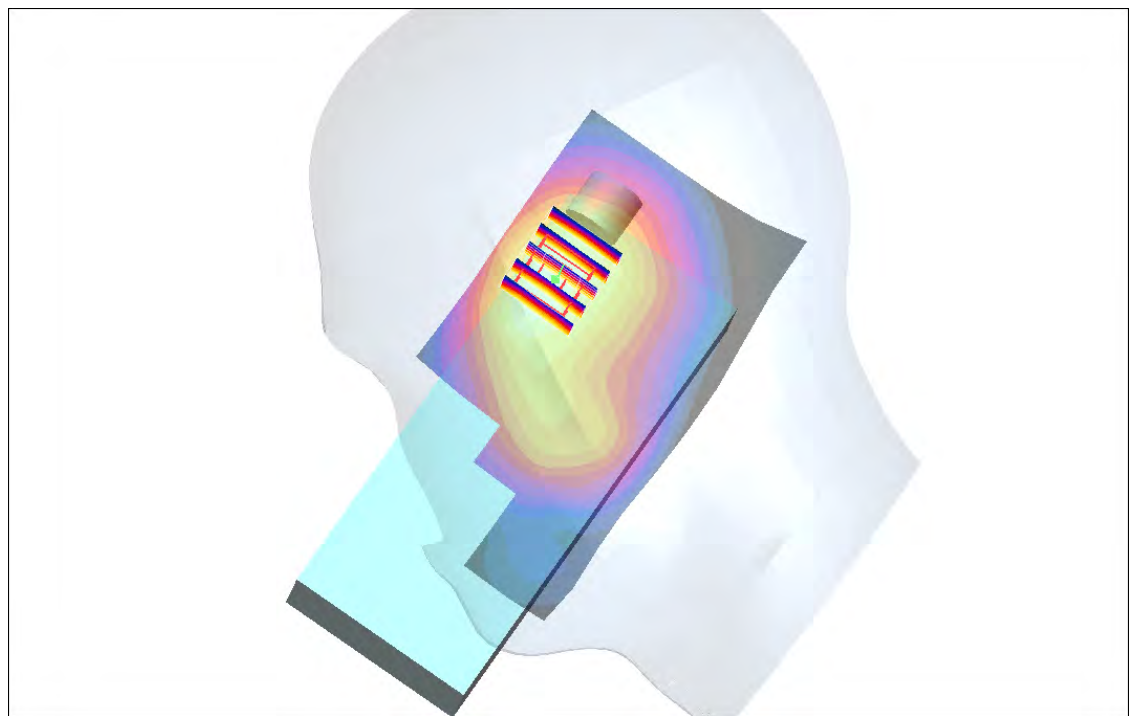
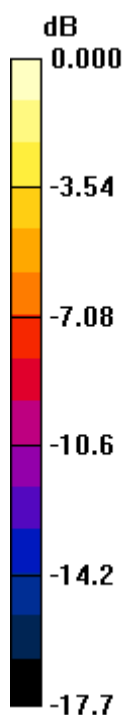
**DUT: 132448**

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_110620 Medium parameters used:  $f = 1908 \text{ MHz}$ ;  $\sigma = 1.44 \text{ mho/m}$ ;  $\epsilon_r = 39$ ;  $\rho = 1000 \text{ kg/m}^3$ Ambient Temperature :  $22.5^\circ\text{C}$ ; Liquid Temperature :  $21.5^\circ\text{C}$ 

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.03, 5.03, 5.03); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9538/Area Scan (51x111x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$ Maximum value of SAR (interpolated) =  $0.960 \text{ mW/g}$ **Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $15.1 \text{ V/m}$ ; Power Drift =  $0.125 \text{ dB}$ Peak SAR (extrapolated) =  $1.49 \text{ W/kg}$ **SAR(1 g) =  $0.843 \text{ mW/g}$ ; SAR(10 g) =  $0.480 \text{ mW/g}$** Maximum value of SAR (measured) =  $0.908 \text{ mW/g}$ 0 dB =  $0.908 \text{ mW/g}$

**#34 WCDMA II\_RMC12.2K\_Right Tilted\_Ch9262\_Battery1****DUT: 132448**

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

Medium: HSL\_1900\_110620 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.39$  mho/m;  $\epsilon_r = 39.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.03, 5.03, 5.03); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9262/Area Scan (51x111x1):** Measurement grid: dx=20mm, dy=20mm

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

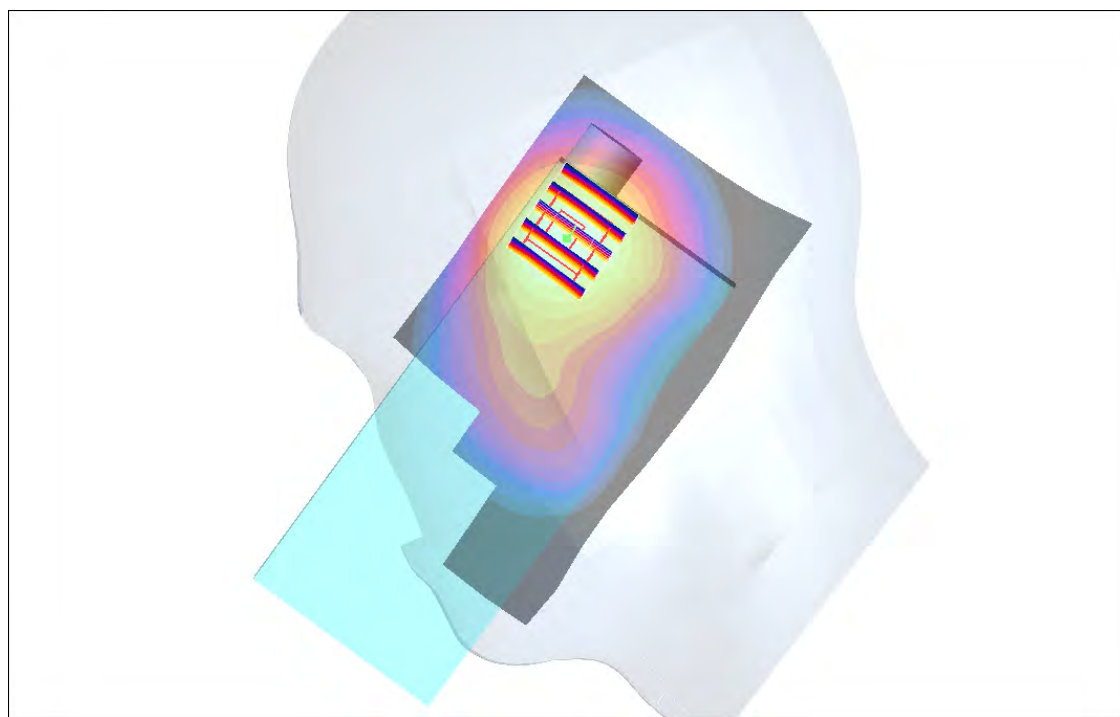
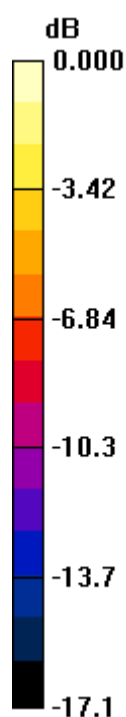
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.1 V/m; Power Drift = -0.029 dB

Peak SAR (extrapolated) = 1.72 W/kg

**SAR(1 g) = 0.975 mW/g; SAR(10 g) = 0.542 mW/g**

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



0 dB = 1.05mW/g

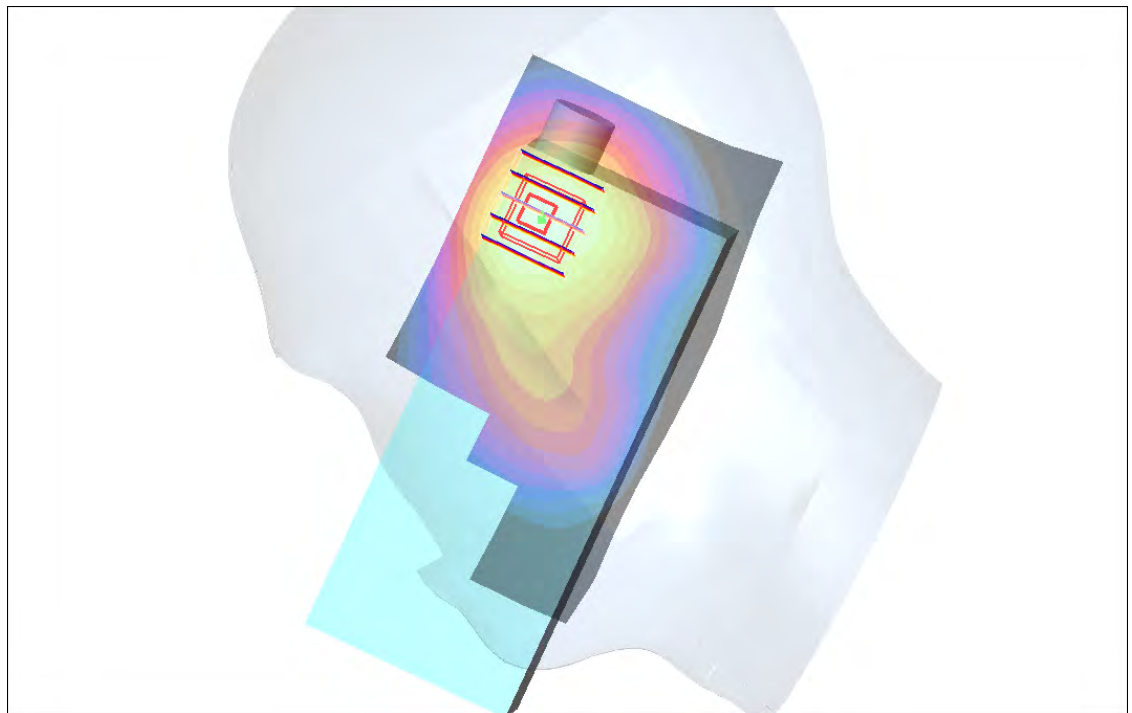
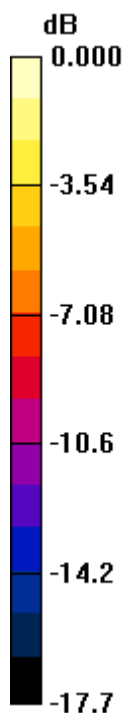
**#35 WCDMA II\_RMC12.2K\_Right Tilted\_Ch9538\_Battery1****DUT: 132448**

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_110620 Medium parameters used:  $f = 1908 \text{ MHz}$ ;  $\sigma = 1.44 \text{ mho/m}$ ;  $\epsilon_r = 39$ ;  $\rho = 1000 \text{ kg/m}^3$ Ambient Temperature :  $22.5^\circ\text{C}$ ; Liquid Temperature :  $21.5^\circ\text{C}$ 

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.03, 5.03, 5.03); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9538/Area Scan (51x111x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$ Maximum value of SAR (interpolated) =  $0.944 \text{ mW/g}$ **Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $18.4 \text{ V/m}$ ; Power Drift =  $0.108 \text{ dB}$ Peak SAR (extrapolated) =  $1.57 \text{ W/kg}$ **SAR(1 g) =  $0.868 \text{ mW/g}$ ; SAR(10 g) =  $0.481 \text{ mW/g}$** Maximum value of SAR (measured) =  $0.926 \text{ mW/g}$ 0 dB =  $0.926 \text{ mW/g}$



**#36 WCDMA II\_RMC12.2K\_Right Tilted\_Ch9400\_Battery2****DUT: 132448**

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

Medium: HSL\_1900\_110620 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.41$  mho/m;  $\epsilon_r = 39.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.03, 5.03, 5.03); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9400/Area Scan (51x111x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.11 mW/g

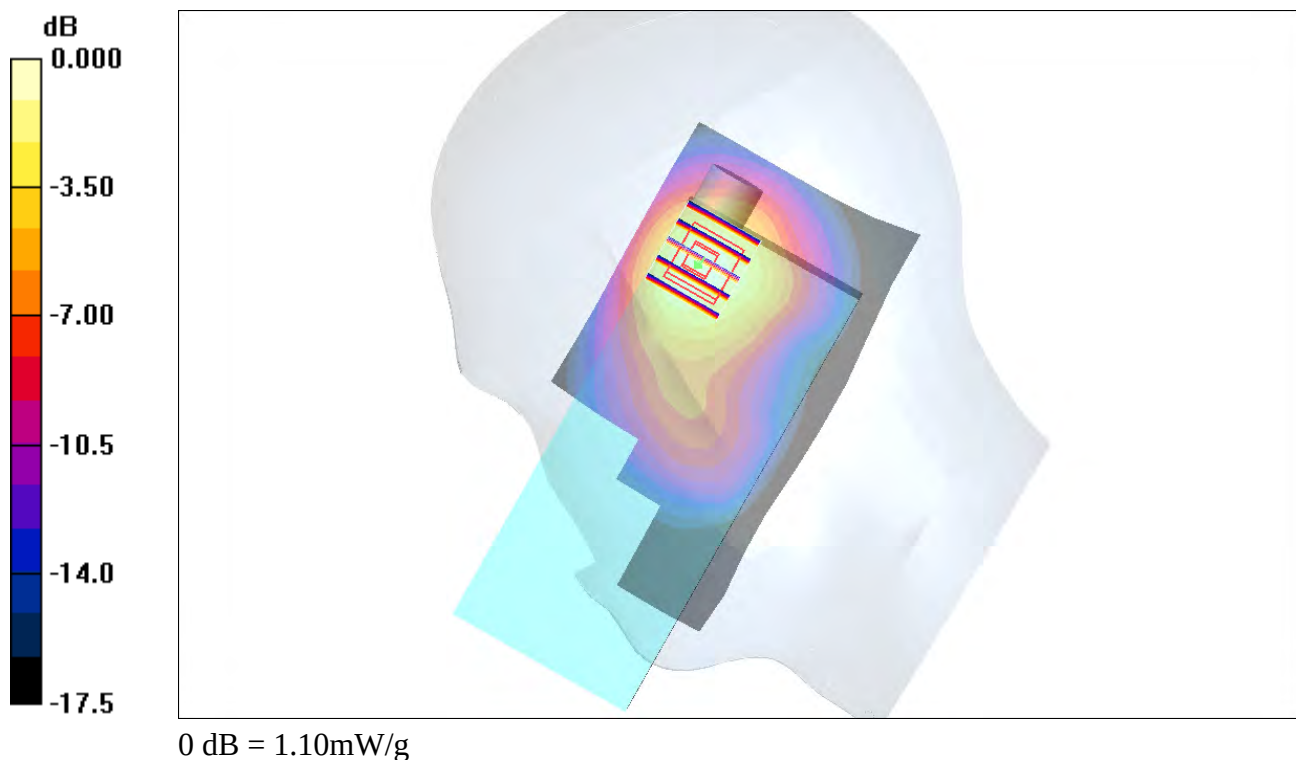
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.8 V/m; Power Drift = -0.079 dB

Peak SAR (extrapolated) = 1.77 W/kg

**SAR(1 g) = 1.000 mW/g; SAR(10 g) = 0.556 mW/g**

Maximum value of SAR (measured) = 1.10 mW/g





**#37 WCDMA II\_RMC12.2K\_Right Tilted\_Ch9262\_Battery2****DUT: 132448**

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

Medium: HSL\_1900\_110620 Medium parameters used :  $f = 1852.4 \text{ MHz}$ ;  $\sigma = 1.39 \text{ mho/m}$ ;  $\epsilon_r = 39.3$ ;  $\rho = 1000 \text{ kg/m}^3$ 

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.03, 5.03, 5.03); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9262/Area Scan (51x111x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.15 mW/g

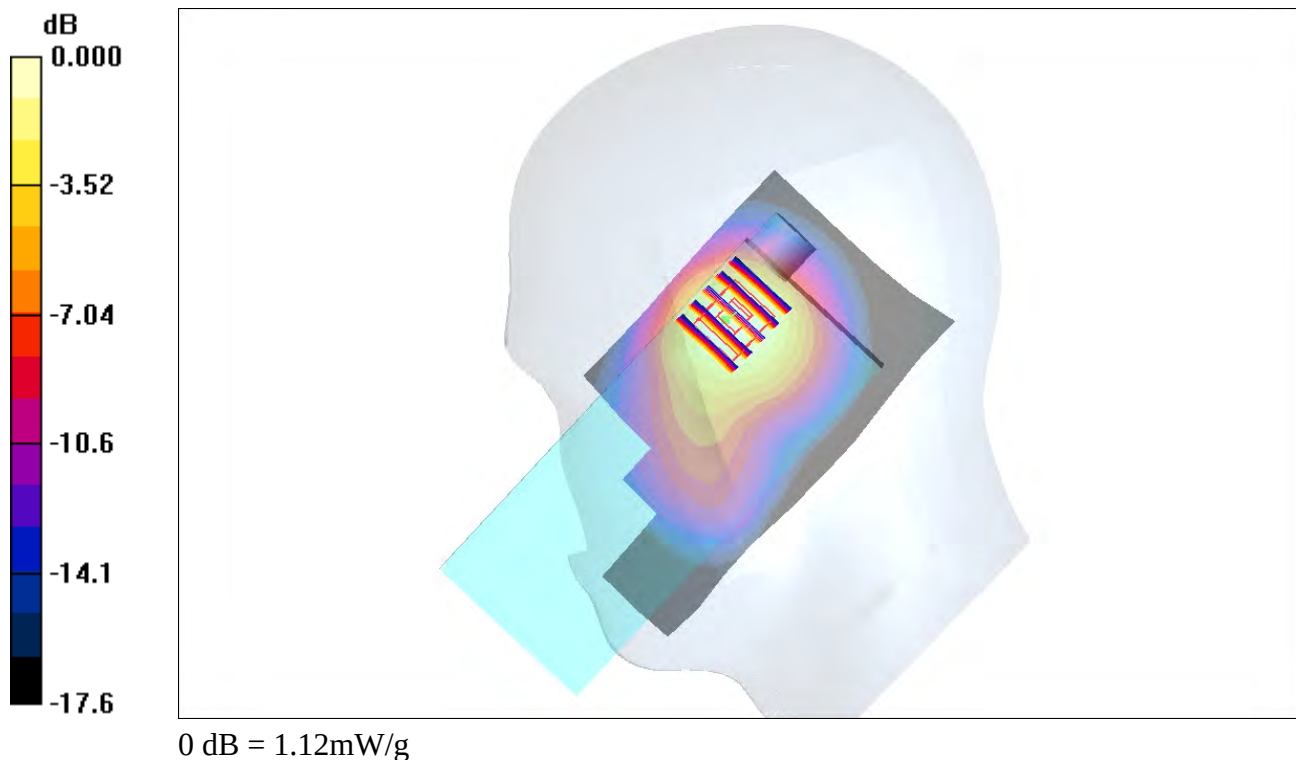
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.7 V/m; Power Drift = 0.027 dB

Peak SAR (extrapolated) = 1.77 W/kg

**SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.569 mW/g**

Maximum value of SAR (measured) = 1.12 mW/g



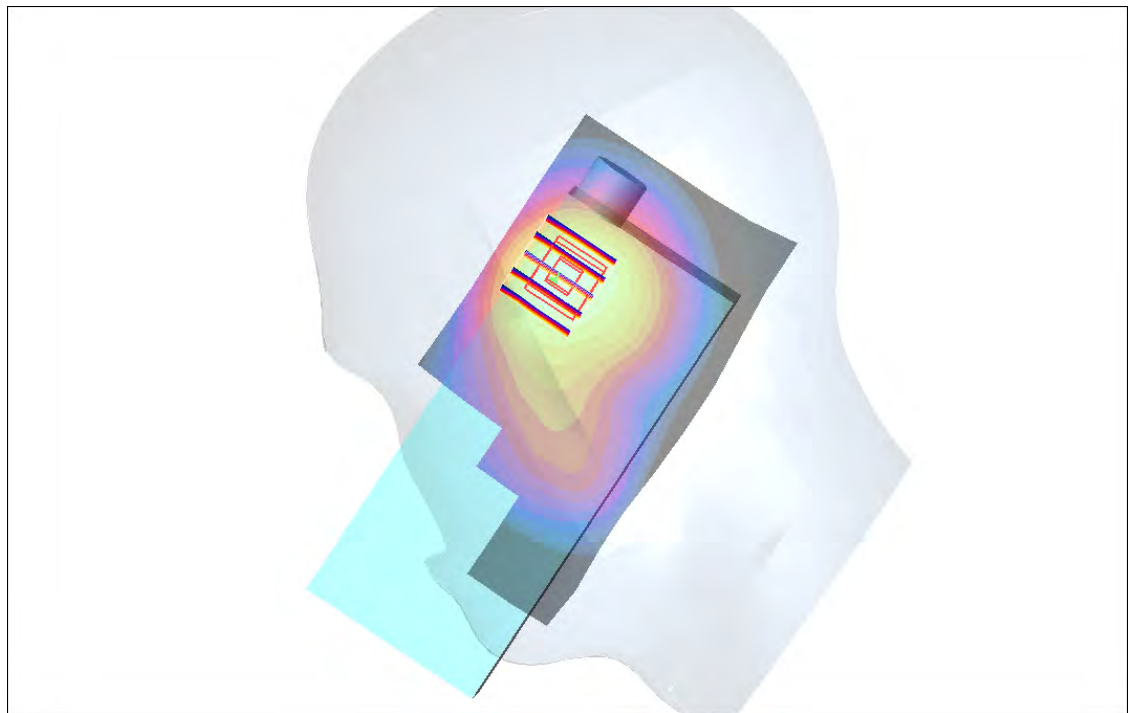
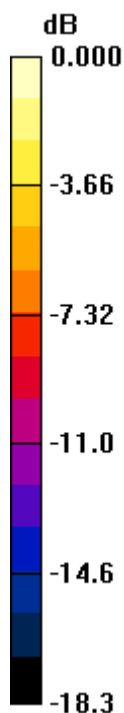
**#38 WCDMA II\_RMC12.2K\_Right Tilted\_Ch9538\_Battery2****DUT: 132448**

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_110620 Medium parameters used:  $f = 1908 \text{ MHz}$ ;  $\sigma = 1.44 \text{ mho/m}$ ;  $\epsilon_r = 39$ ;  $\rho = 1000 \text{ kg/m}^3$ Ambient Temperature :  $22.5^\circ\text{C}$ ; Liquid Temperature :  $21.5^\circ\text{C}$ 

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(5.03, 5.03, 5.03); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM\_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9538/Area Scan (51x111x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$ Maximum value of SAR (interpolated) =  $1.03 \text{ mW/g}$ **Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$ Reference Value =  $18.8 \text{ V/m}$ ; Power Drift =  $0.011 \text{ dB}$ Peak SAR (extrapolated) =  $1.64 \text{ W/kg}$ **SAR(1 g) =  $0.910 \text{ mW/g}$ ; SAR(10 g) =  $0.500 \text{ mW/g}$** Maximum value of SAR (measured) =  $1.00 \text{ mW/g}$ 0 dB =  $1.00 \text{ mW/g}$

**#14 GSM850\_GPRS10\_Front\_1.5cm\_CH189\_Battery1\_Earphone****DUT: 132448**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_110620 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.964$  mho/m;  $\epsilon_r = 54.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); 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

**Ch189/Area Scan (51x111x1):** Measurement grid: dx=20mm, dy=20mm

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

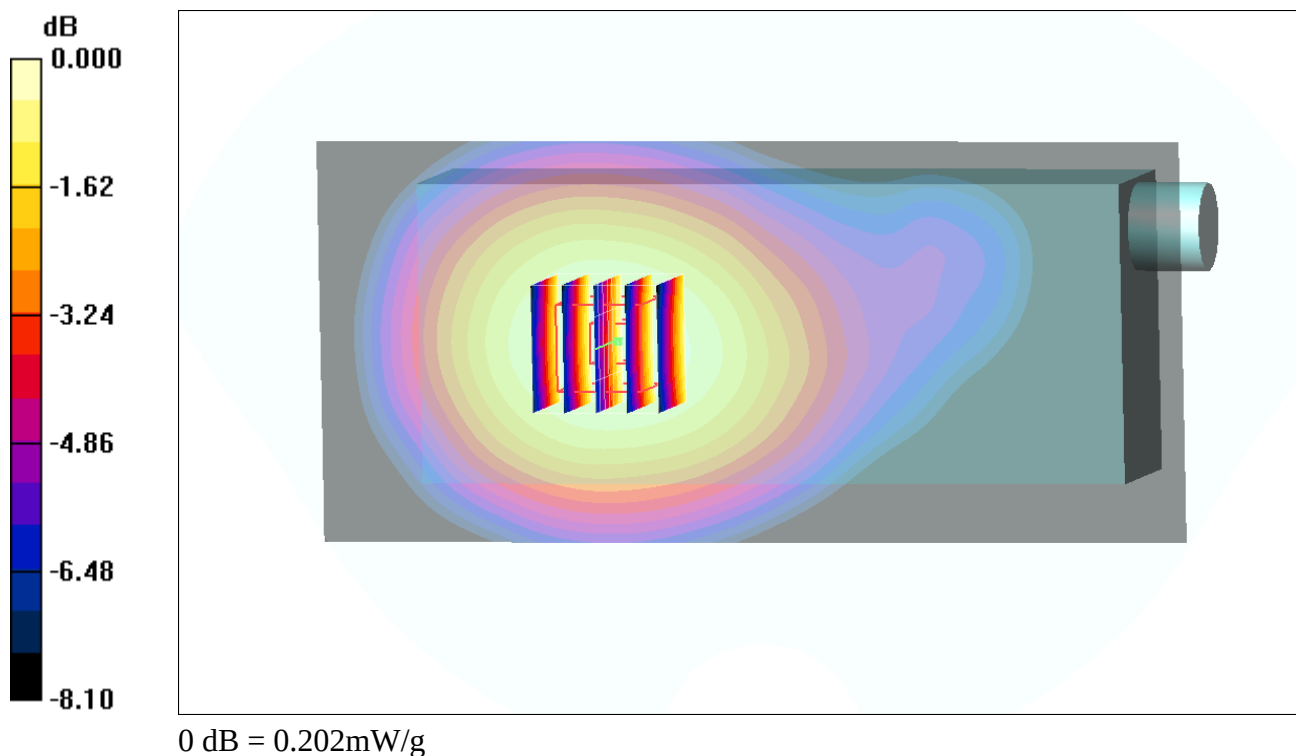
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.7 V/m; Power Drift = 0.070 dB

Peak SAR (extrapolated) = 0.242 W/kg

**SAR(1 g) = 0.192 mW/g; SAR(10 g) = 0.146 mW/g**

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



**#14 GSM850\_GPRS10\_Front\_1.5cm\_CH189\_Battery1\_Earphone\_2D****DUT: 132448**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_110620 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.964$  mho/m;  $\epsilon_r = 54.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); 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

**Ch189/Area Scan (51x111x1):** Measurement grid: dx=20mm, dy=20mm

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

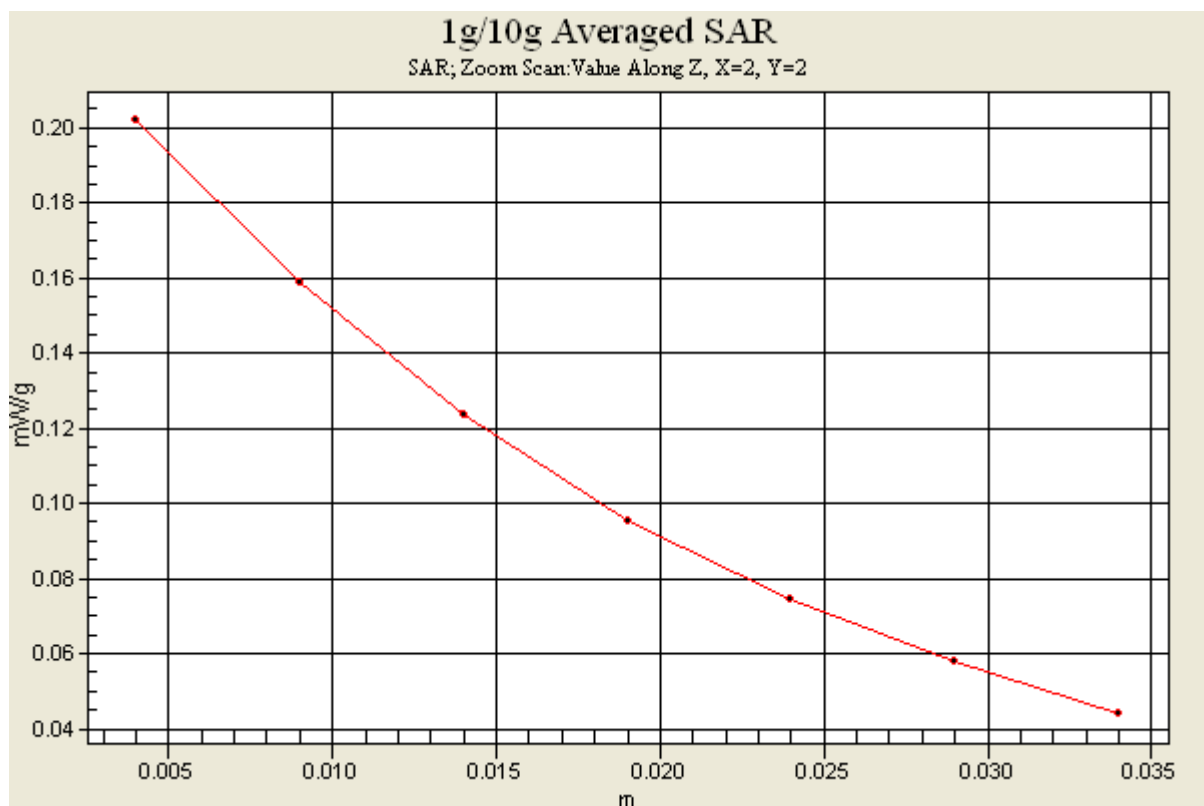
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.7 V/m; Power Drift = 0.070 dB

Peak SAR (extrapolated) = 0.242 W/kg

**SAR(1 g) = 0.192 mW/g; SAR(10 g) = 0.146 mW/g**

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



**#15 GSM850\_GPRS10\_Back\_1.5cm\_CH189\_Battery1\_Earphone****DUT: 132448**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_110620 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.964$  mho/m;  $\epsilon_r =$ 54.5;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); 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

**Ch189/Area Scan (51x111x1):** Measurement grid: dx=20mm, dy=20mm

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

**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.0 V/m; Power Drift = -0.119 dB

Peak SAR (extrapolated) = 0.135 W/kg

**SAR(1 g) = 0.105 mW/g; SAR(10 g) = 0.079 mW/g**

Maximum value of SAR (measured) = 0.110 mW/g

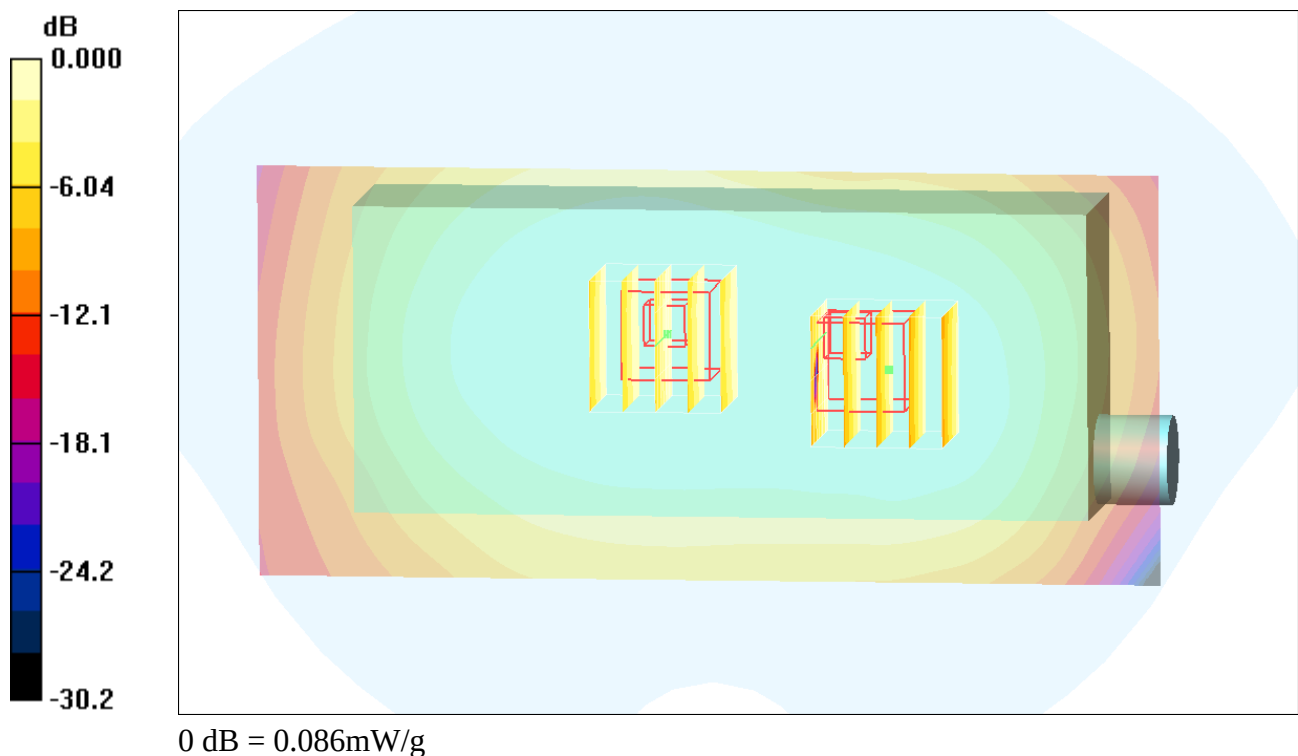
**Ch189/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.0 V/m; Power Drift = -0.119 dB

Peak SAR (extrapolated) = 0.108 W/kg

**SAR(1 g) = 0.080 mW/g; SAR(10 g) = 0.059 mW/g.**

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



**#16 GSM850\_GPRS10\_Front\_1.5cm\_CH189\_Battery2\_Earphone****DUT: 132448**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: MSL\_850\_110620 Medium parameters used:  $f = 836.4$  MHz;  $\sigma = 0.964$  mho/m;  $\epsilon_r = 54.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); 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

**Ch189/Area Scan (51x111x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.195 mW/g

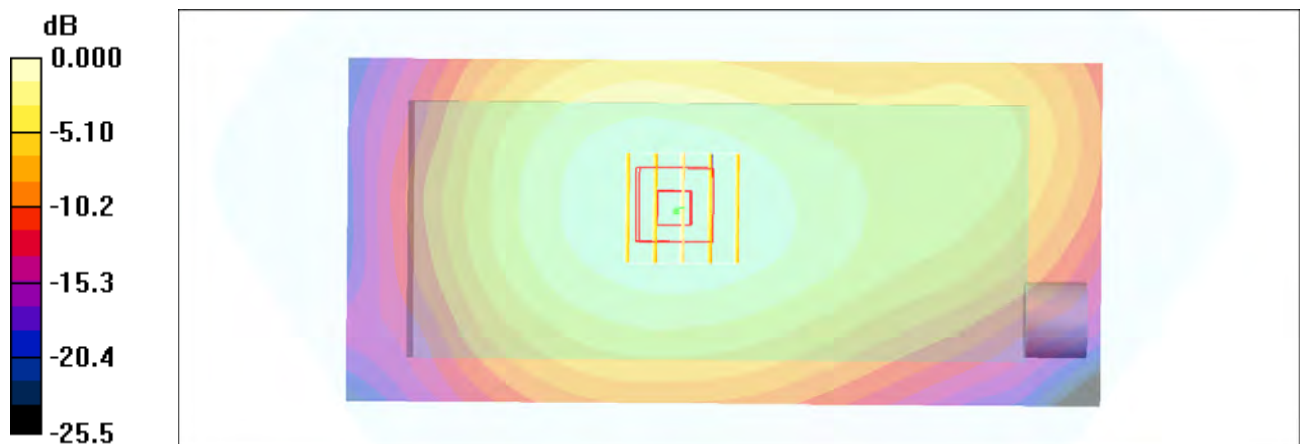
**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.9 V/m; Power Drift = -0.177 dB

Peak SAR (extrapolated) = 0.237 W/kg

**SAR(1 g) = 0.187 mW/g; SAR(10 g) = 0.142 mW/g**

Maximum value of SAR (measured) = 0.196 mW/g



0 dB = 0.196mW/g

**#06 GSM1900\_GPRS10\_Front\_1.5cm\_CH661\_Battery1\_Earphone**

**DUT: 132448**

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

Medium: MSL\_1900\_110620 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.52 \text{ mho/m}$ ;  $\epsilon_r = 52.6$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch661/Area Scan (51x111x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) =  $0.145 \text{ mW/g}$

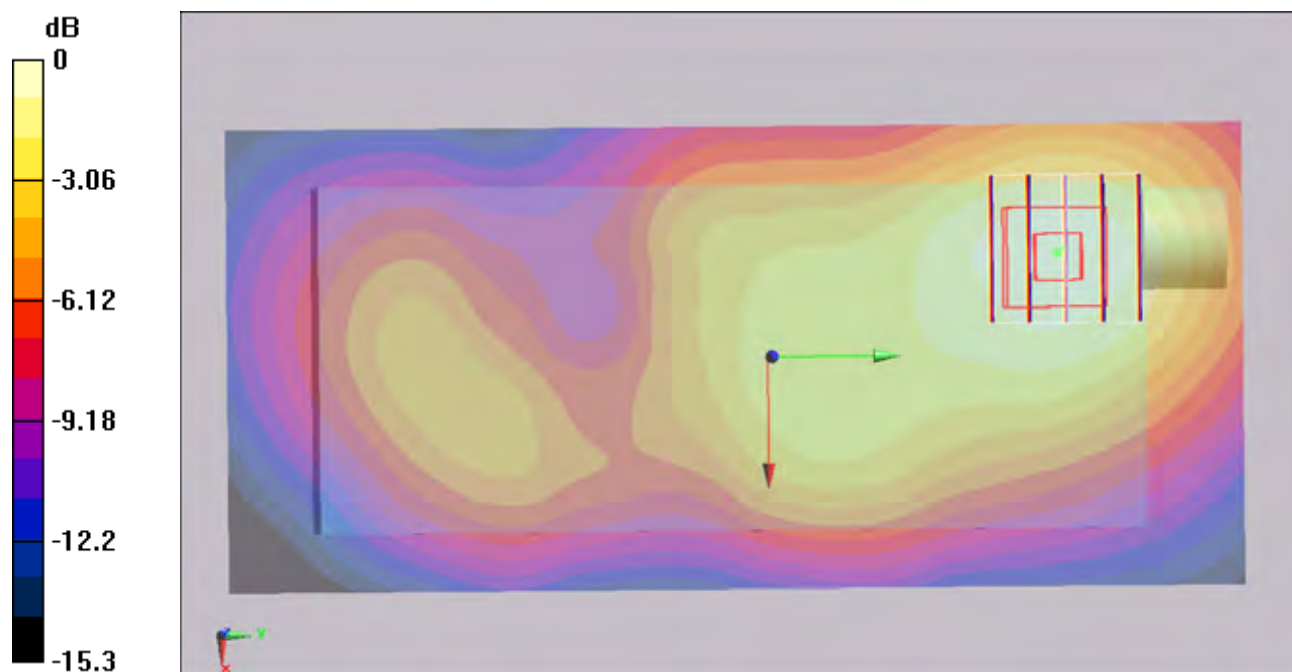
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $7.25 \text{ V/m}$ ; Power Drift =  $-0.071 \text{ dB}$

Peak SAR (extrapolated) =  $0.206 \text{ W/kg}$

**SAR(1 g) =  $0.133 \text{ mW/g}$ ; SAR(10 g) =  $0.083 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.144 \text{ mW/g}$





**#07 GSM1900\_GPRS10\_Back\_1.5cm\_CH661\_Battery1\_Earphone**

**DUT: 132448**

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

Medium: MSL\_1900\_110620 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.52 \text{ mho/m}$ ;  $\epsilon_r = 52.6$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch661/Area Scan (51x111x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) =  $0.180 \text{ mW/g}$

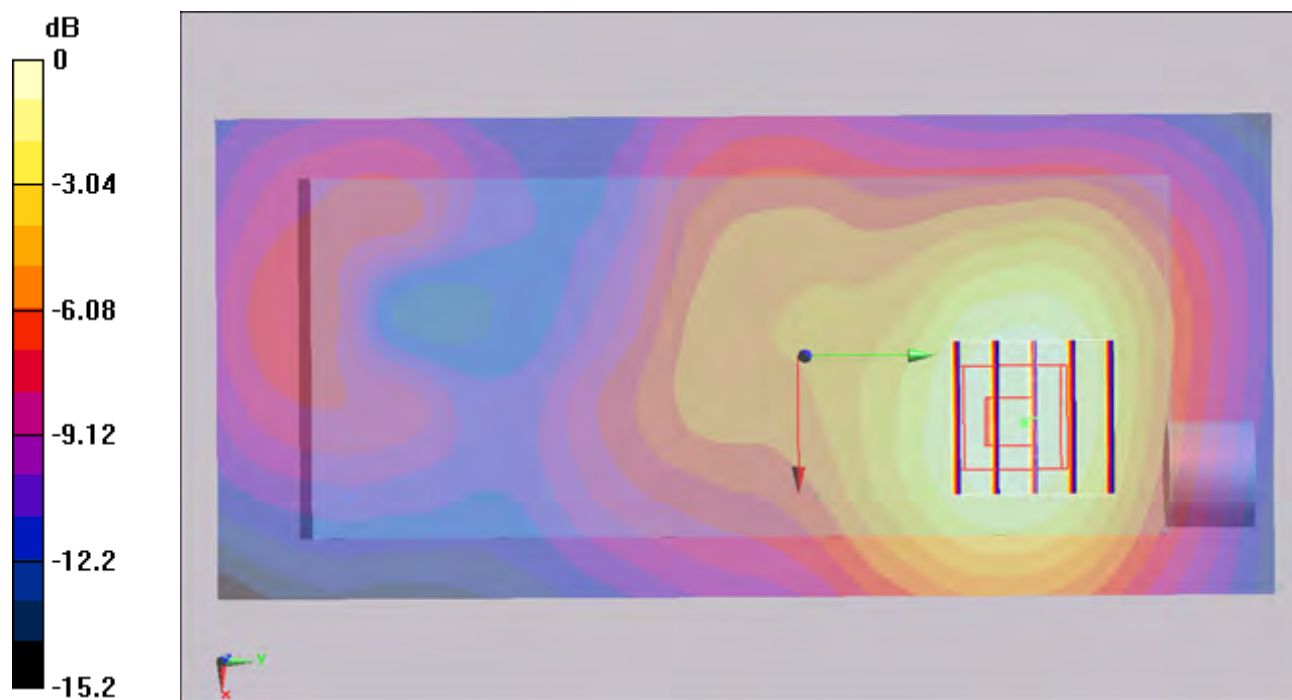
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $6.41 \text{ V/m}$ ; Power Drift =  $0.127 \text{ dB}$

Peak SAR (extrapolated) =  $0.270 \text{ W/kg}$

**SAR(1 g) =  $0.168 \text{ mW/g}$ ; SAR(10 g) =  $0.103 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.177 \text{ mW/g}$



0 dB = 0.177mW/g

## #07 GSM1900\_GPRS10\_Back\_1.5cm\_CH661\_Battery1\_Earphone\_2D

**DUT: 132448**

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

Medium: MSL\_1900\_110620 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 52.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch661/Area Scan (51x111x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.180 mW/g

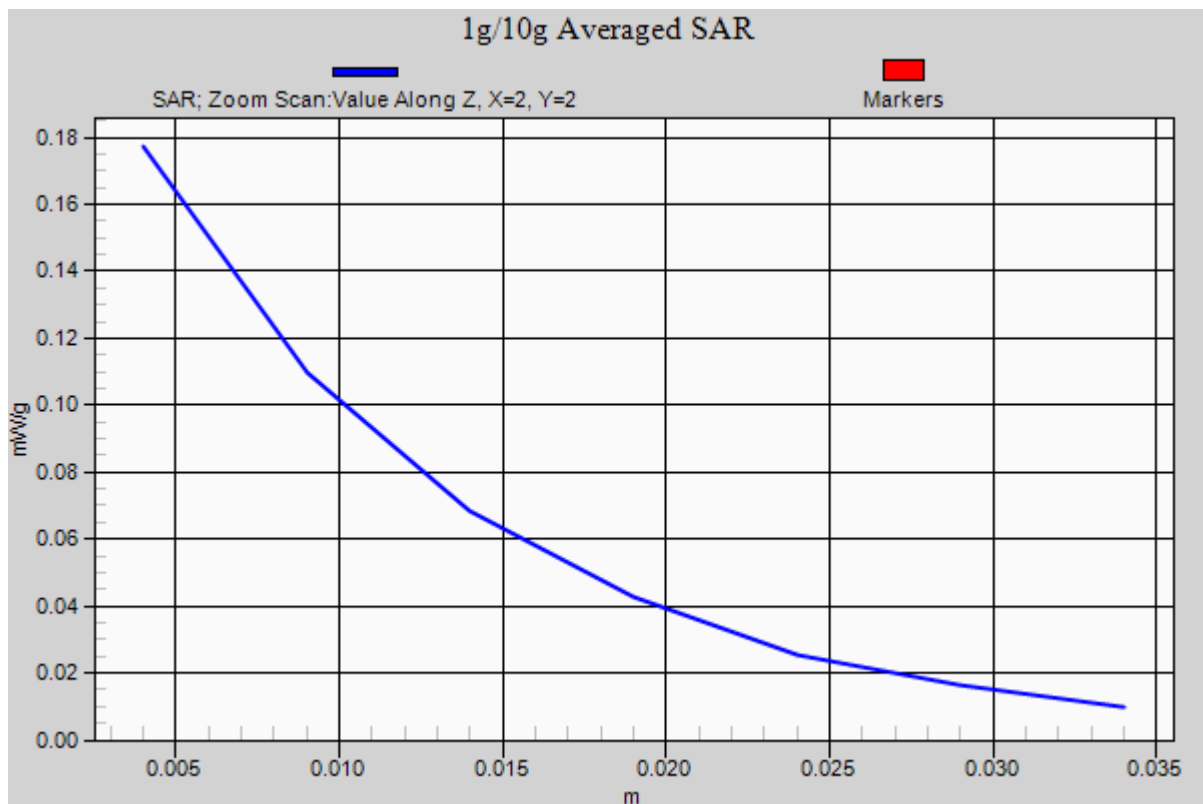
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.41 V/m; Power Drift = 0.127 dB

Peak SAR (extrapolated) = 0.270 W/kg

**SAR(1 g) = 0.168 mW/g; SAR(10 g) = 0.103 mW/g**

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



**#08 GSM1900\_GPRS10\_Back\_1.5cm\_CH661\_Battery2\_Earphone**

**DUT: 132448**

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

Medium: MSL\_1900\_110620 Medium parameters used:  $f = 1880 \text{ MHz}$ ;  $\sigma = 1.52 \text{ mho/m}$ ;  $\epsilon_r = 52.6$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch661/Area Scan (51x111x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) =  $0.094 \text{ mW/g}$

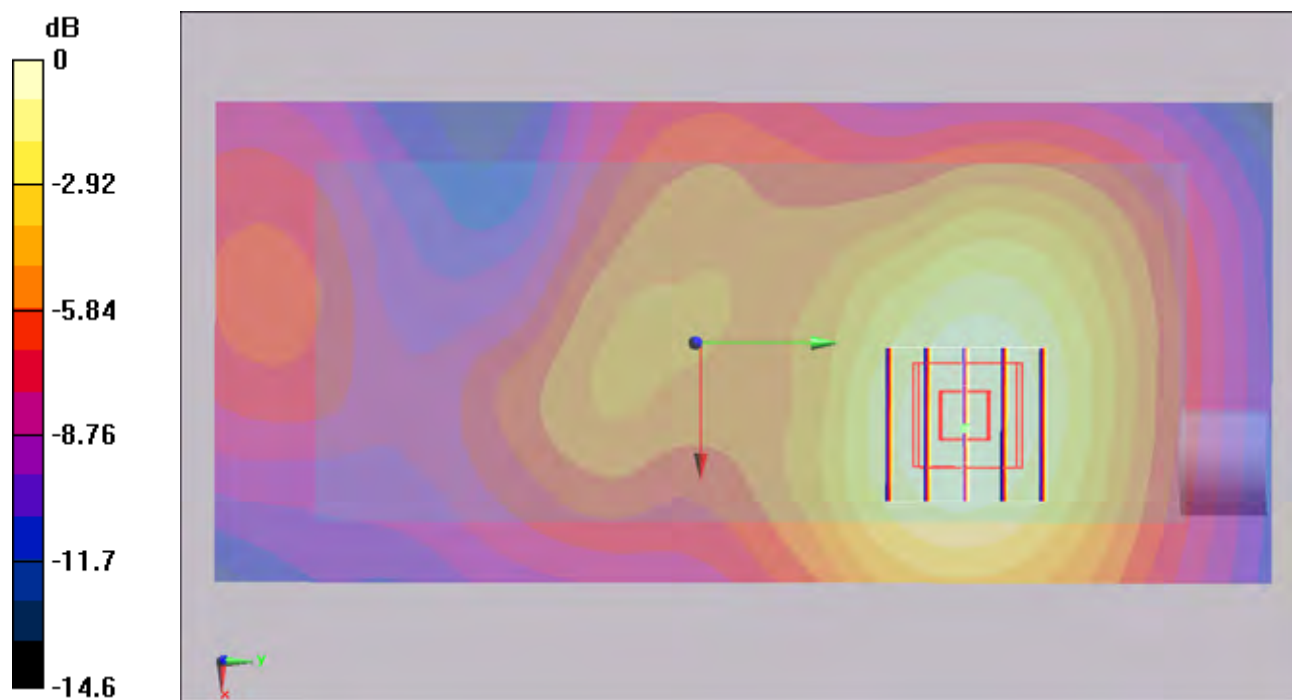
**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $4.68 \text{ V/m}$ ; Power Drift =  $-0.167 \text{ dB}$

Peak SAR (extrapolated) =  $0.140 \text{ W/kg}$

**SAR(1 g) =  $0.087 \text{ mW/g}$ ; SAR(10 g) =  $0.054 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.092 \text{ mW/g}$



**#17 WCDMA V\_RMC12.2K\_Front\_1.5cm\_CH4233\_Battery1\_Earphone****DUT: 132448**

Communication System: WCDMA Band 5; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_110620 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.974$  mho/m;  $\epsilon_r = 54.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); 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

**Ch4233/Area Scan (51x111x1):** Measurement grid: dx=20mm, dy=20mm

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

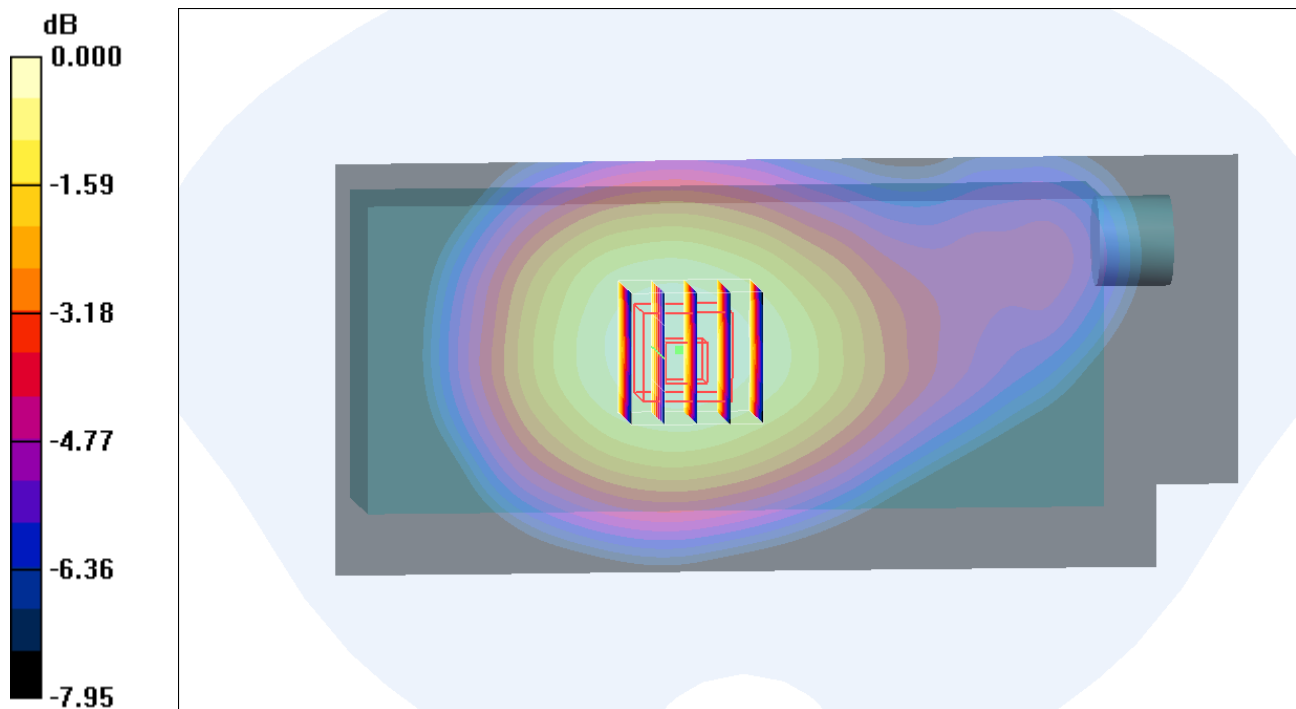
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.0 V/m; Power Drift = -0.126 dB

Peak SAR (extrapolated) = 0.180 W/kg

**SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.108 mW/g**

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



0 dB = 0.148mW/g

**#17 WCDMA V\_RMC12.2K\_Front\_1.5cm\_CH4233\_Battery1\_Earphone\_2D****DUT: 132448**

Communication System: WCDMA Band 5; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_110620 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.974$  mho/m;  $\epsilon_r = 54.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); 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

**Ch4233/Area Scan (51x111x1):** Measurement grid: dx=20mm, dy=20mm

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

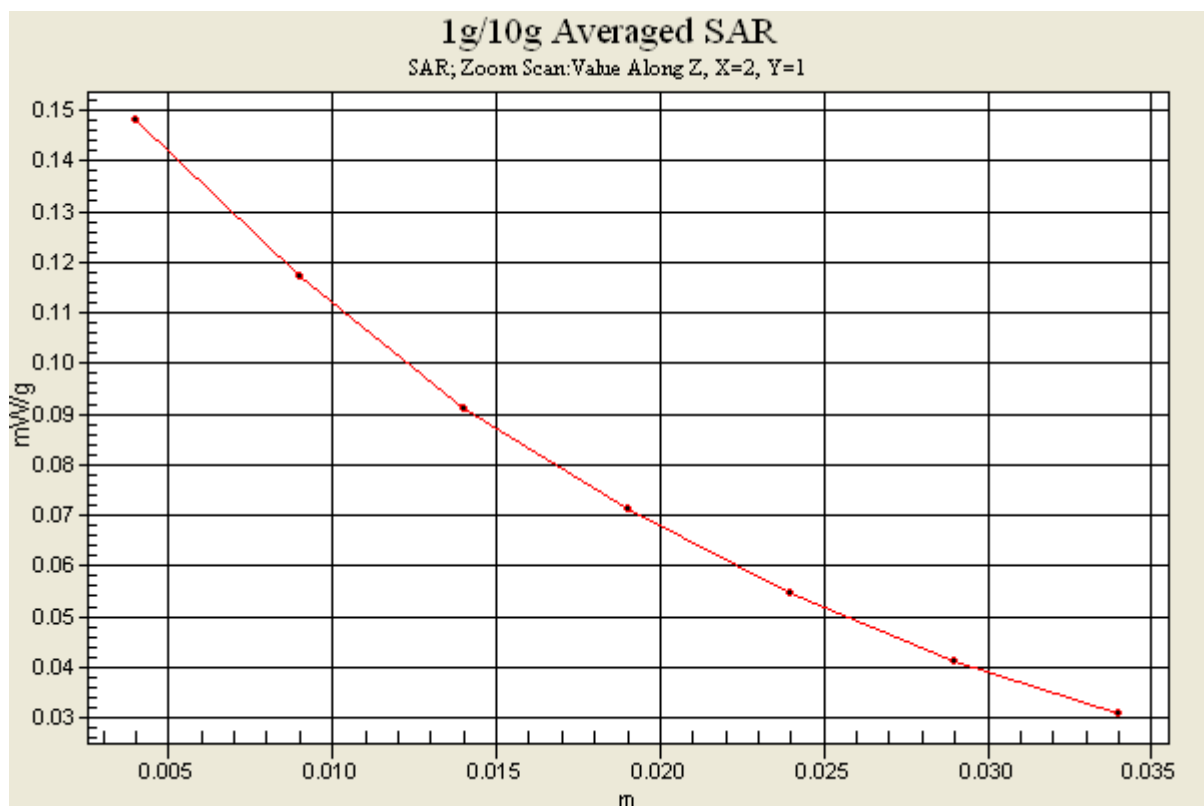
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.0 V/m; Power Drift = -0.126 dB

Peak SAR (extrapolated) = 0.180 W/kg

**SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.108 mW/g**

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



**#18 WCDMA V\_RMC12.2K\_Back\_1.5cm\_CH4233\_Battery1\_Earphone****DUT: 132448**

Communication System: WCDMA Band 5; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_110620 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.974$  mho/m;  $\epsilon_r = 54.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); 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

**Ch4233/Area Scan (51x111x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.061 mW/g

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

Reference Value = 7.65 V/m; Power Drift = 0.118 dB

Peak SAR (extrapolated) = 0.075 W/kg

**SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.045 mW/g**

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

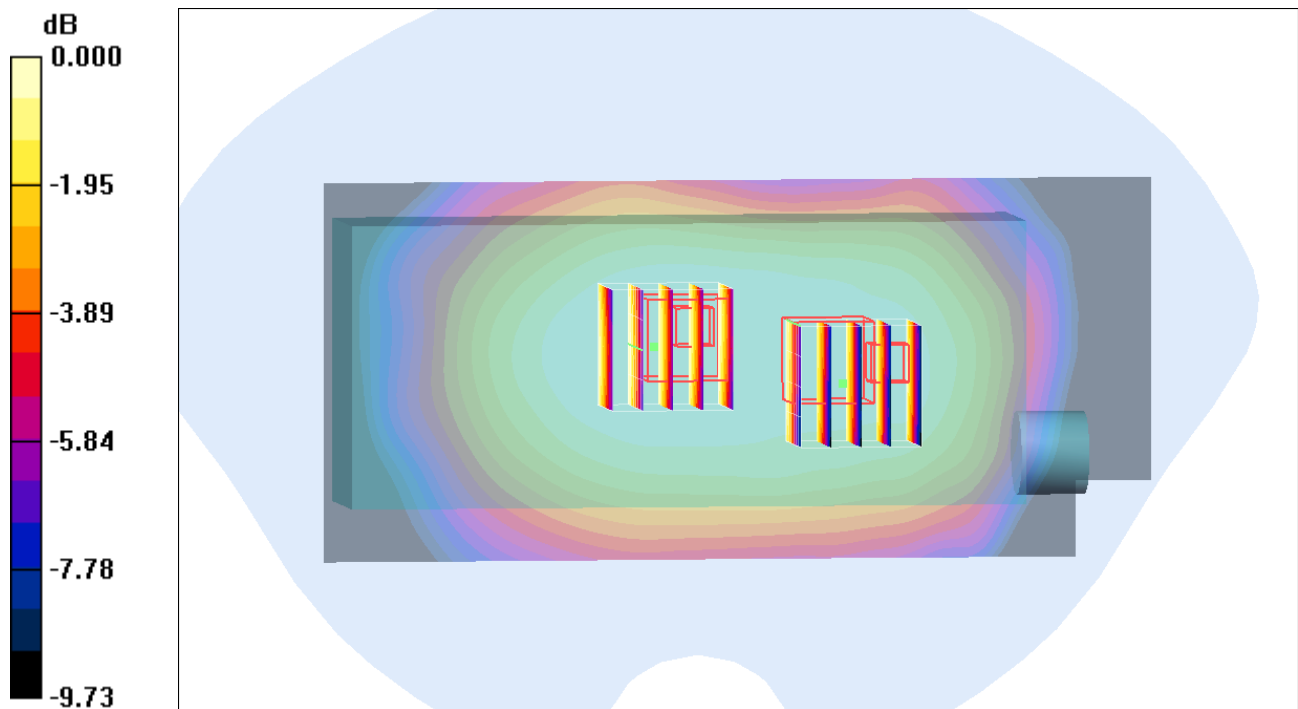
**Ch4233/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.65 V/m; Power Drift = 0.118 dB

Peak SAR (extrapolated) = 0.071 W/kg

**SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.037 mW/g**

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



0 dB = 0.054mW/g



**#19 WCDMA V\_RMC12.2K\_Front\_1.5cm\_CH4233\_Battery2\_Earphone****DUT: 132448**

Communication System: WCDMA Band 5; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_110620 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.974$  mho/m;  $\epsilon_r = 54.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); 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

**Ch4233/Area Scan (51x111x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.122 mW/g

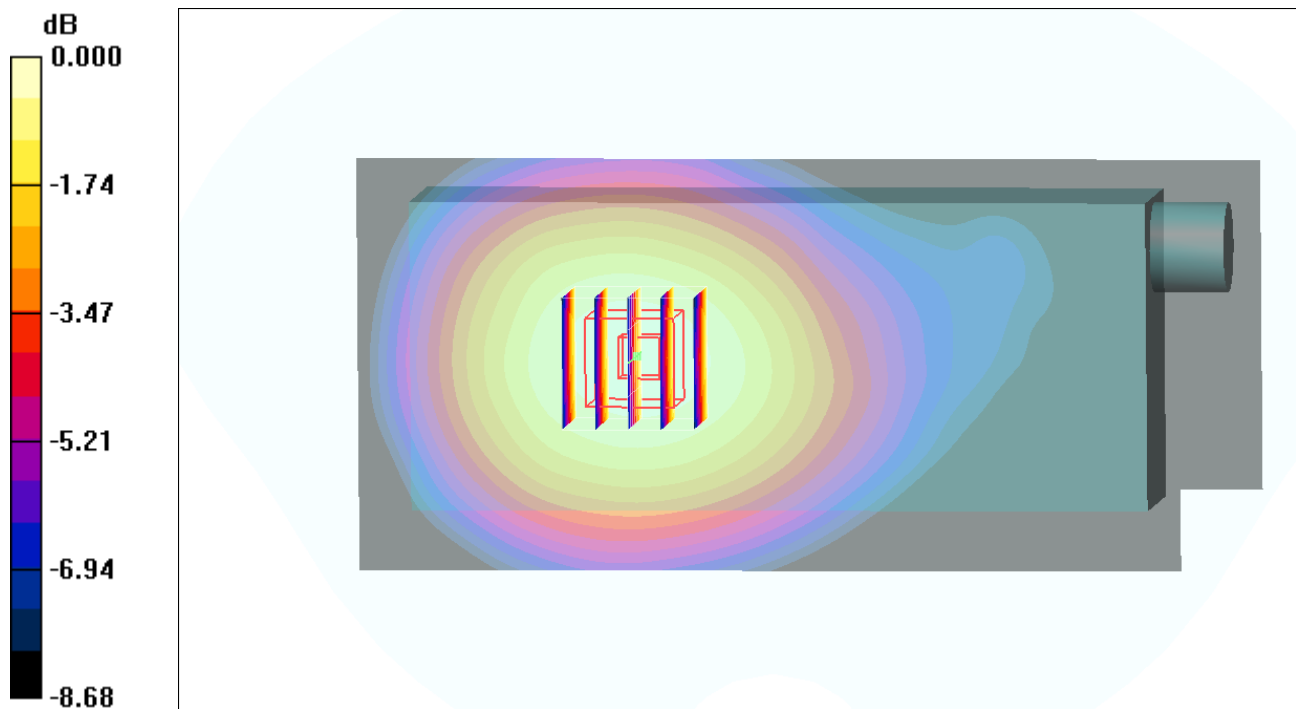
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.09 V/m; Power Drift = 0.116 dB

Peak SAR (extrapolated) = 0.151 W/kg

**SAR(1 g) = 0.117 mW/g; SAR(10 g) = 0.088 mW/g**

Maximum value of SAR (measured) = 0.124 mW/g



0 dB = 0.124mW/g

**#20 WCDMA II\_RMC12.2K\_Front\_1.5cm\_CH9400\_Battery1\_Earphone****DUT: 132448**

Communication System: WCDMA Band 2; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_110620 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 52$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- 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

**Ch9400/Area Scan (51x111x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.213 mW/g

**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.48 V/m; Power Drift = -0.047 dB

Peak SAR (extrapolated) = 0.308 W/kg

**SAR(1 g) = 0.197 mW/g; SAR(10 g) = 0.123 mW/g**

Maximum value of SAR (measured) = 0.211 mW/g

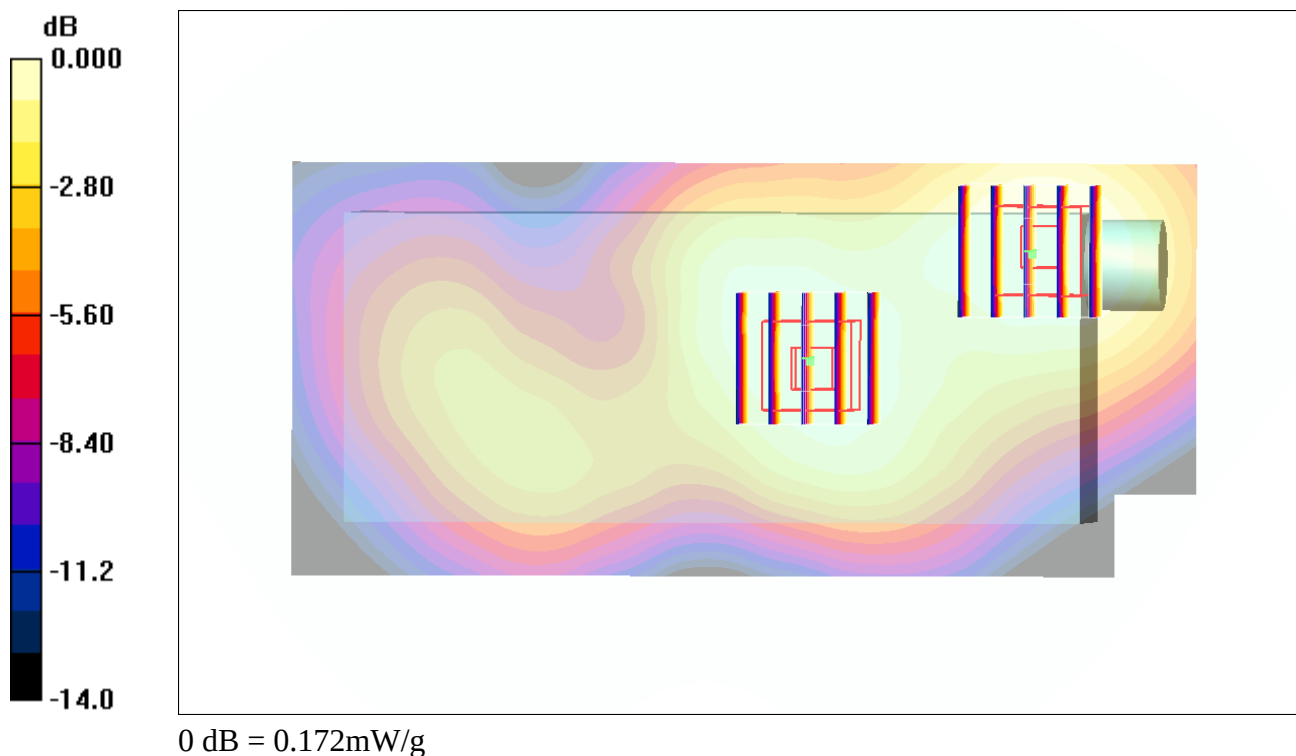
**Ch9400/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.48 V/m; Power Drift = -0.047 dB

Peak SAR (extrapolated) = 0.245 W/kg

**SAR(1 g) = 0.162 mW/g; SAR(10 g) = 0.106 mW/g**

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



**#21 WCDMA II\_RMC12.2K\_Back\_1.5cm\_CH9400\_Battery1\_Earphone****DUT: 132448**

Communication System: WCDMA Band 2; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_110620 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 52$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- 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

**Ch9400/Area Scan (51x111x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.359 mW/g

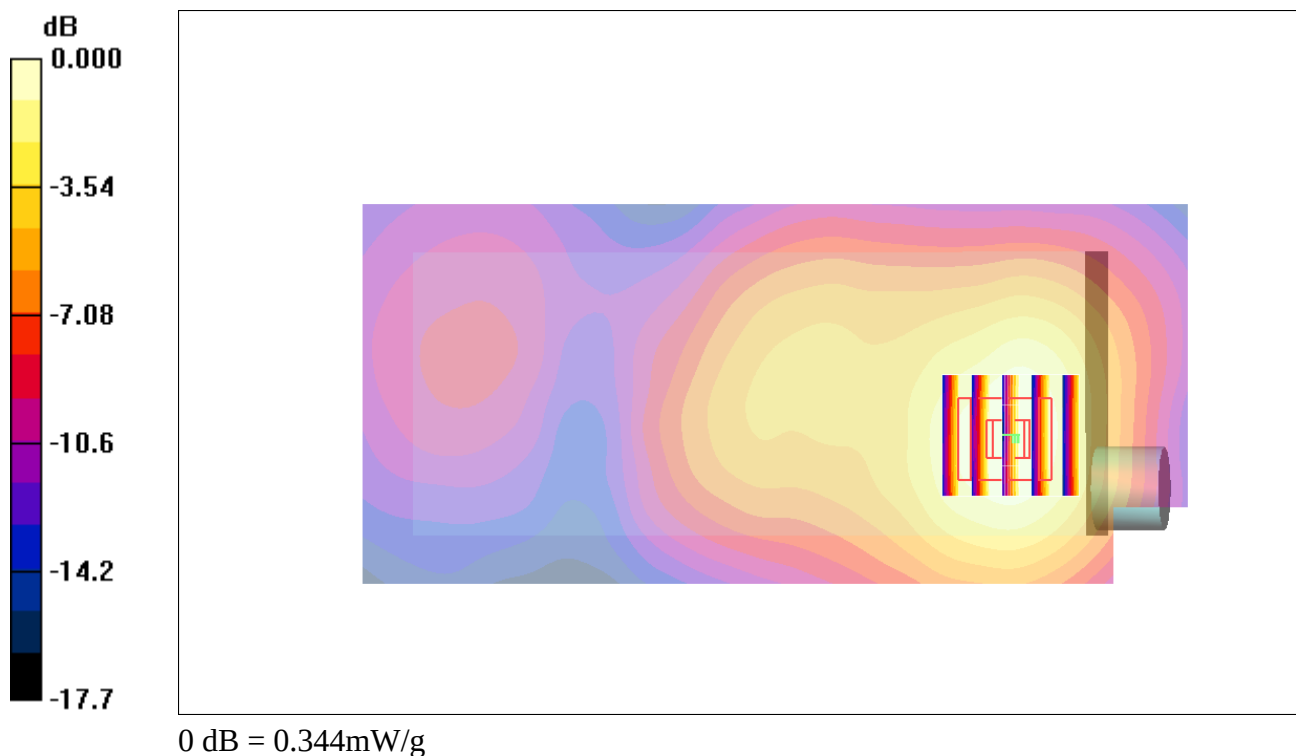
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.43 V/m; Power Drift = -0.093 dB

Peak SAR (extrapolated) = 0.522 W/kg

**SAR(1 g) = 0.325 mW/g; SAR(10 g) = 0.198 mW/g**

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



**#21 WCDMA II\_RMC12.2K\_Back\_1.5cm\_CH9400\_Battery1\_Earphone\_2D****DUT: 132448**

Communication System: WCDMA Band 2; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_110620 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 52$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- 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

**Ch9400/Area Scan (51x111x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.359 mW/g

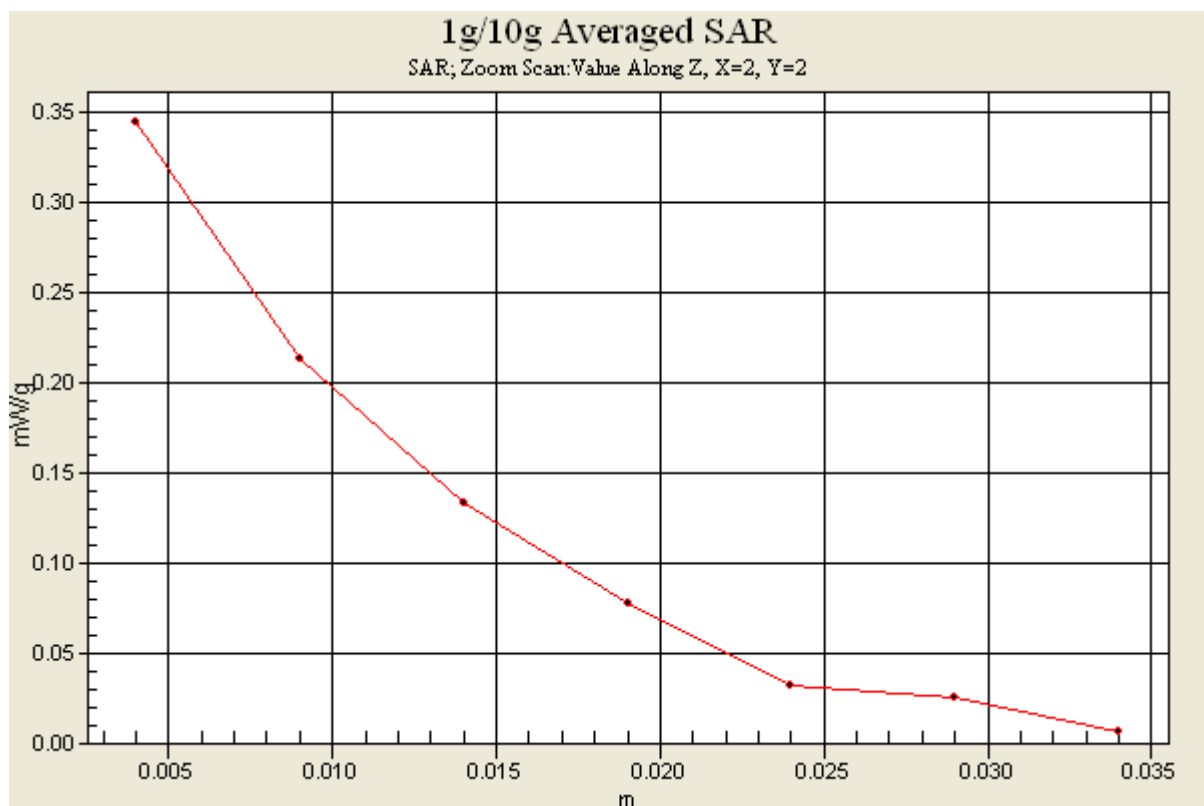
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.43 V/m; Power Drift = -0.093 dB

Peak SAR (extrapolated) = 0.522 W/kg

**SAR(1 g) = 0.325 mW/g; SAR(10 g) = 0.198 mW/g**

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



**#22 WCDMA II\_RMC12.2K\_Back\_1.5cm\_CH9400\_Battery2\_Earphone****DUT: 132448**

Communication System: WCDMA Band 2; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_110620 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 52$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- 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

**Ch9400/Area Scan (51x111x1):** Measurement grid: dx=20mm, dy=20mm

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

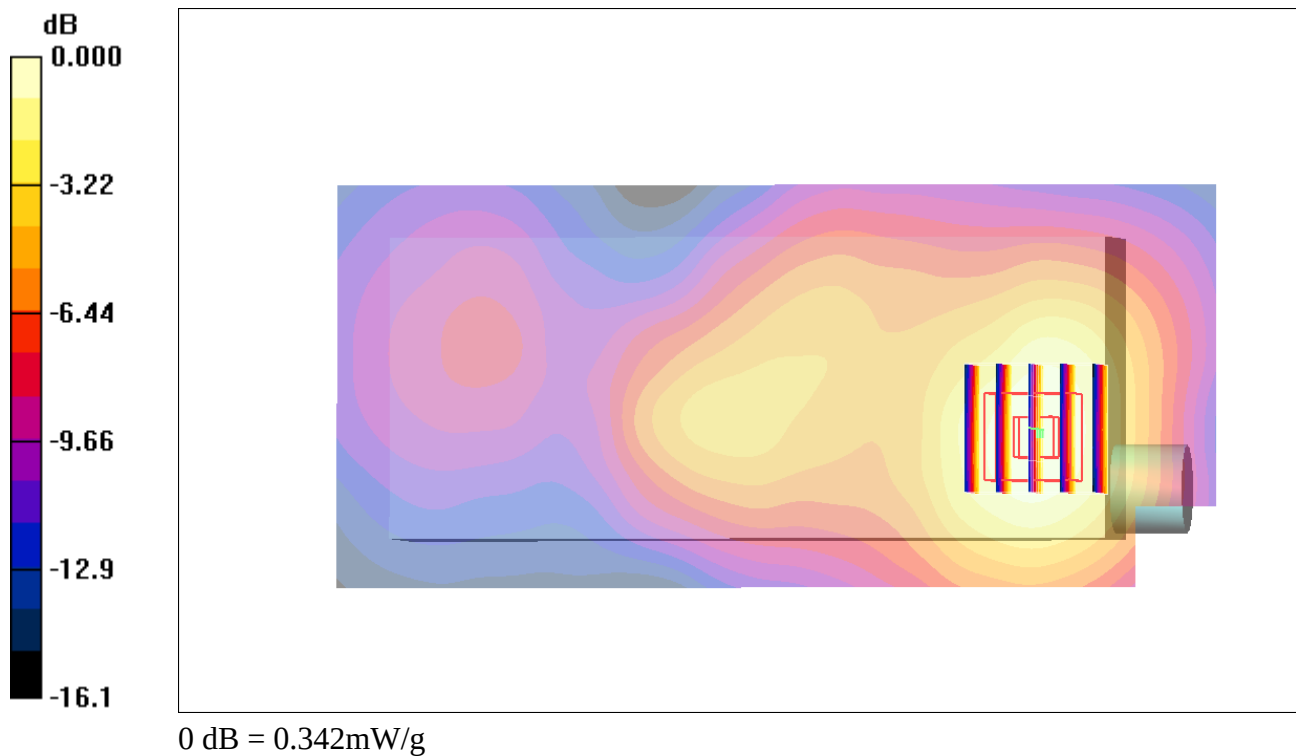
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.34 V/m; Power Drift = 0.031 dB

Peak SAR (extrapolated) = 0.513 W/kg

**SAR(1 g) = 0.319 mW/g; SAR(10 g) = 0.193 mW/g**

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



**#39 802.11b\_Right Cheek\_Ch1\_Ant1\_Battery1**

**DUT: 132448**

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

Medium: HSL\_2450\_110622 Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.8 \text{ mho/m}$ ;  $\epsilon_r = 39.5$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.77, 6.77, 6.77); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- 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 (51x111x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) =  $0.044 \text{ mW/g}$

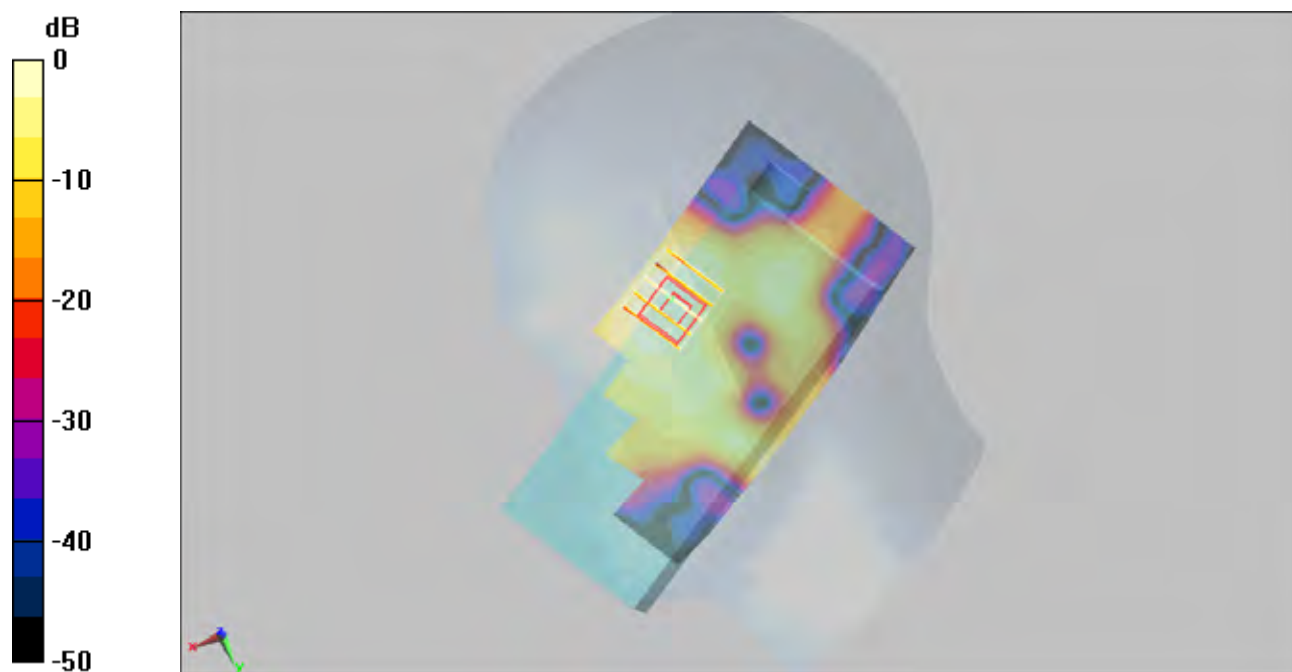
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $1.91 \text{ V/m}$ ; Power Drift =  $0.185 \text{ dB}$

Peak SAR (extrapolated) =  $0.115 \text{ W/kg}$

**SAR(1 g) =  $0.044 \text{ mW/g}$ ; SAR(10 g) =  $0.019 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.048 \text{ mW/g}$



0 dB = 0.048mW/g

## #40 802.11b\_Right Tilted\_Ch1\_Ant1\_Battery1

**DUT: 132448**

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

Medium: HSL\_2450\_110622 Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.8 \text{ mho/m}$ ;  $\epsilon_r = 39.5$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.77, 6.77, 6.77); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- 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 (51x111x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) =  $0.027 \text{ mW/g}$

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

Reference Value =  $3.1 \text{ V/m}$ ; Power Drift =  $0.124 \text{ dB}$

Peak SAR (extrapolated) =  $0.031 \text{ W/kg}$

**SAR(1 g) =  $0.017 \text{ mW/g}$ ; SAR(10 g) =  $0.00828 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.018 \text{ mW/g}$

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

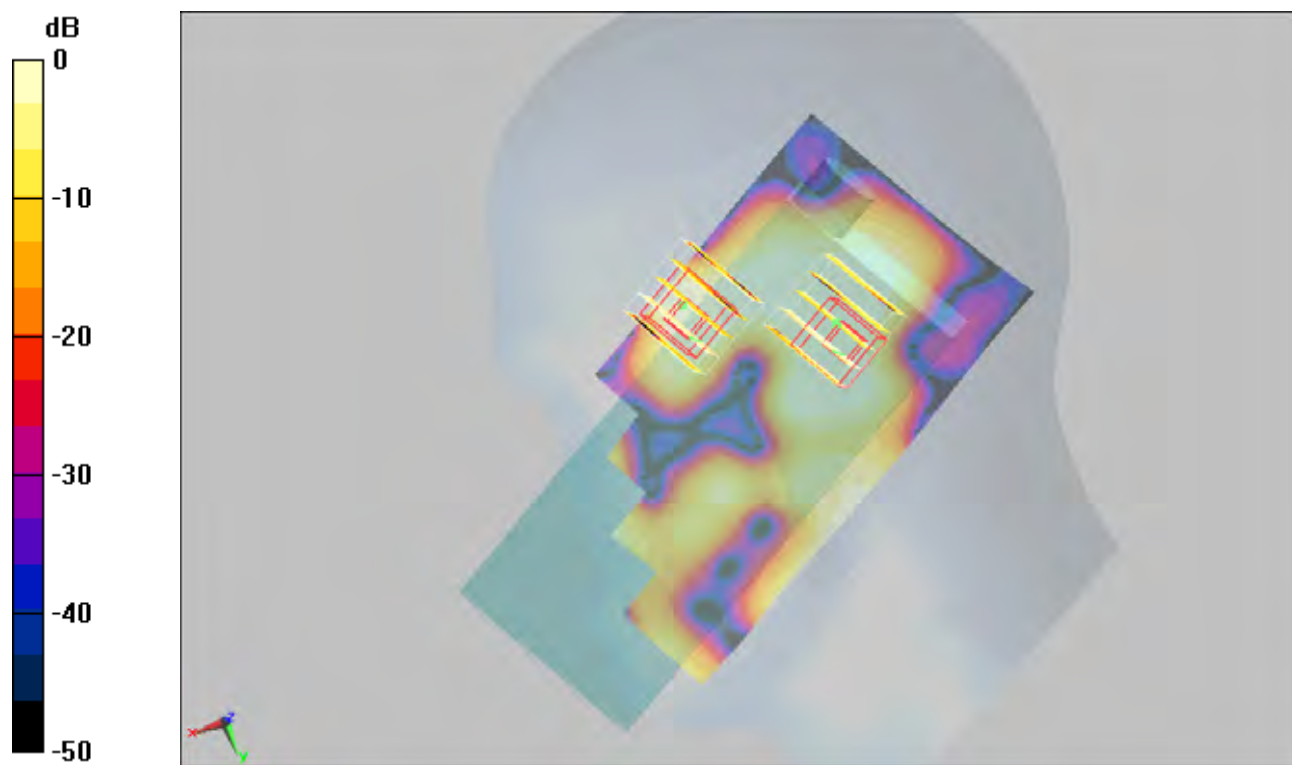
Reference Value =  $3.1 \text{ V/m}$ ; Power Drift =  $0.124 \text{ dB}$

Peak SAR (extrapolated) =  $0.040 \text{ W/kg}$

**SAR(1 g) =  $0.011 \text{ mW/g}$ ; SAR(10 g) =  $0.00506 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.011 \text{ mW/g}$





0 dB = 0.011mW/g

**#41 802.11b\_Left Cheek\_Ch1\_Ant1\_Battery1****DUT: 132448**

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

Medium: HSL\_2450\_110623 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.79$  mho/m;  $\epsilon_r = 39.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.41, 4.41, 4.41); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

**Ch1/Area Scan (51x111x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.074 mW/g

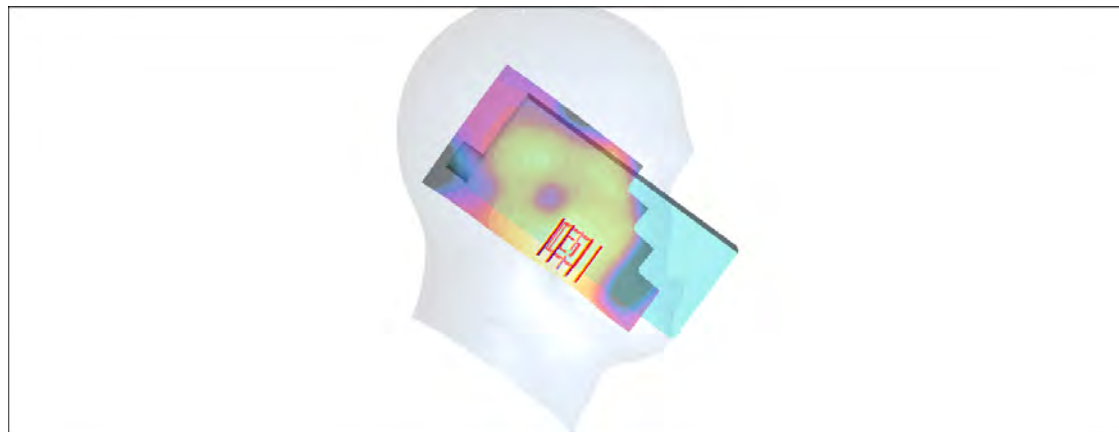
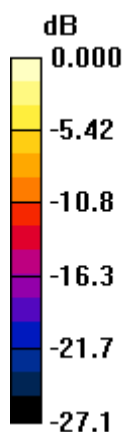
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.65 V/m; Power Drift = 0.148 dB

Peak SAR (extrapolated) = 0.129 W/kg

**SAR(1 g) = 0.067 mW/g; SAR(10 g) = 0.035 mW/g**

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



0 dB = 0.070mW/g

**#41 802.11b\_Left Cheek\_Ch1\_Ant1\_Battery1\_2D****DUT: 132448**

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

Medium: HSL\_2450\_110623 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.79$  mho/m;  $\epsilon_r = 39.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.41, 4.41, 4.41); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

**Ch1/Area Scan (51x111x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.074 mW/g

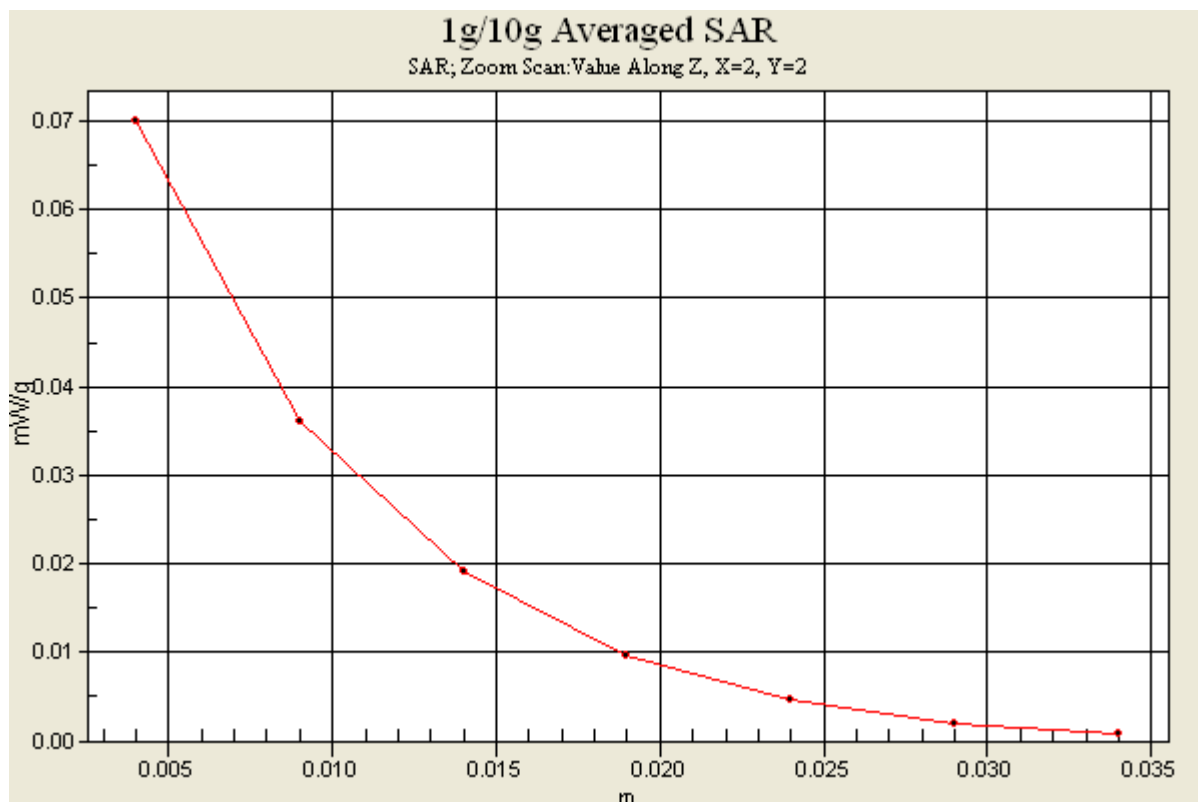
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.65 V/m; Power Drift = 0.148 dB

Peak SAR (extrapolated) = 0.129 W/kg

**SAR(1 g) = 0.067 mW/g; SAR(10 g) = 0.035 mW/g**

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



**#42 802.11b\_Left Tilted\_Ch1\_Ant1\_Battery1****DUT: 132448**

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

Medium: HSL\_2450\_110623 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.79$  mho/m;  $\epsilon_r = 39.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.41, 4.41, 4.41); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

**Ch1/Area Scan (51x111x1):** Measurement grid: dx=20mm, dy=20mm

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

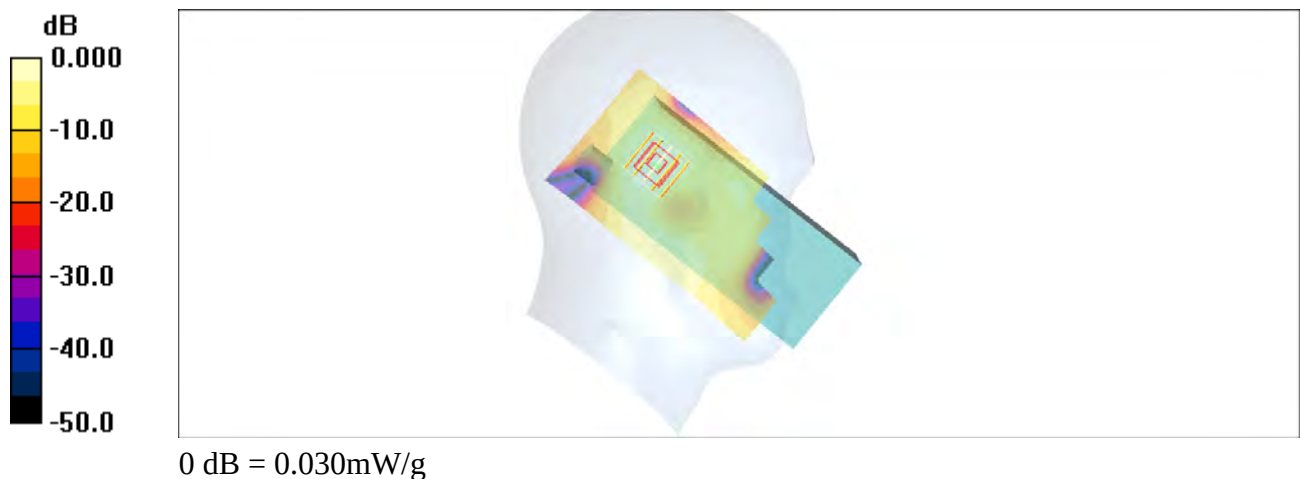
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.01 V/m; Power Drift = -0.040 dB

Peak SAR (extrapolated) = 0.045 W/kg

**SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.013 mW/g**

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



**#43 802.11b\_Left Cheek\_Ch1\_Ant2\_Battery1****DUT: 132448**

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

Medium: HSL\_2450\_110623 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.79$  mho/m;  $\epsilon_r = 39.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.41, 4.41, 4.41); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

**Ch1/Area Scan (51x111x1):** 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 = 2.18 V/m; Power Drift = -0.152 dB

Peak SAR (extrapolated) = 0.098 W/kg

**SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.025 mW/g**

Maximum value of SAR (measured) = 0.053 mW/g

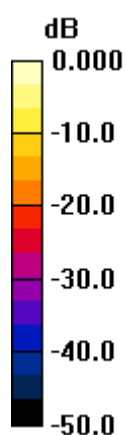
**Ch1/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.18 V/m; Power Drift = -0.152 dB

Peak SAR (extrapolated) = 0.057 W/kg

**SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.016 mW/g**

Maximum value of SAR (measured) = 0.034 mW/g



0 dB = 0.034mW/g

**#44 802.11b\_Left Cheek\_Ch1\_Ant1\_Battery2****DUT: 132448**

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

Medium: HSL\_2450\_110623 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.79$  mho/m;  $\epsilon_r = 39.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.41, 4.41, 4.41); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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

**Ch1/Area Scan (51x111x1):** Measurement grid: dx=20mm, dy=20mm

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

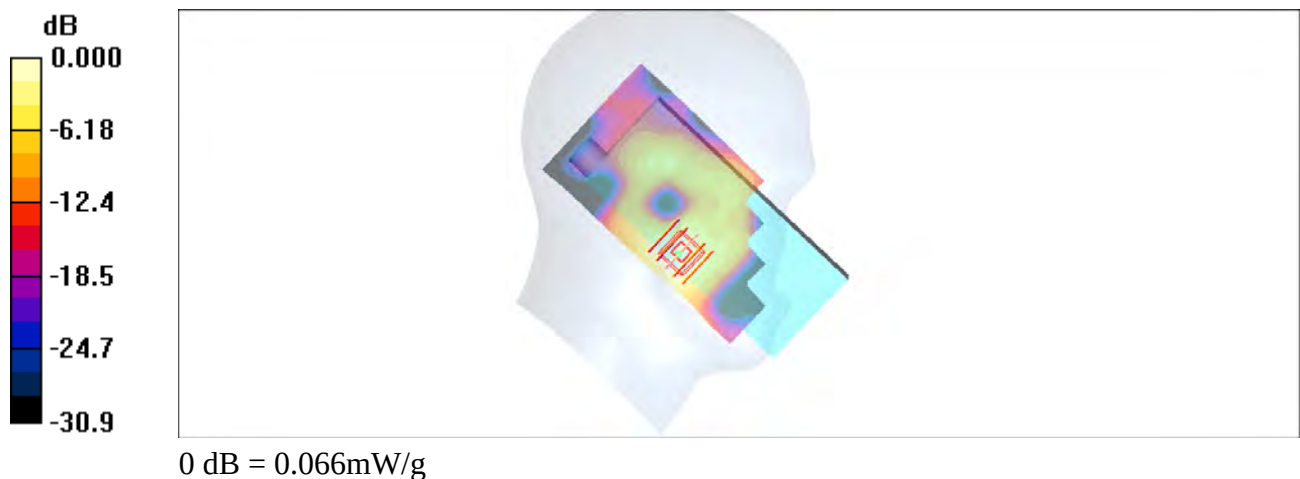
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.88 V/m; Power Drift = 0.065 dB

Peak SAR (extrapolated) = 0.116 W/kg

**SAR(1 g) = 0.061 mW/g; SAR(10 g) = 0.030 mW/g**

Maximum value of SAR (measured) = 0.066 mW/g



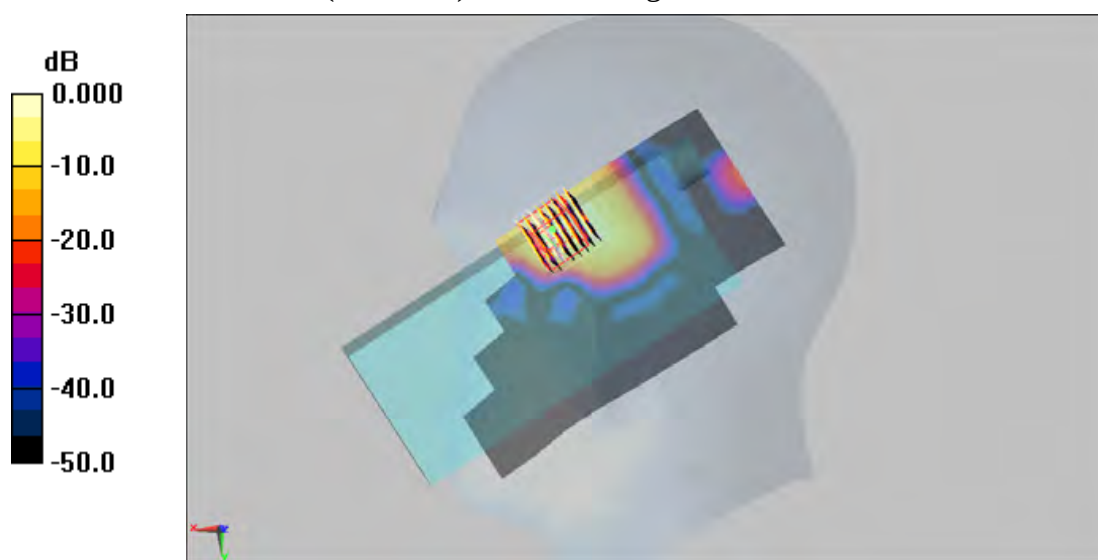
**#45 802.11a\_Right Cheek\_Ch157\_Ant1\_Battery1****DUT: 132448**

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

Medium: HSL\_5G\_110702 Medium parameters used:  $f = 5785 \text{ MHz}$ ;  $\sigma = 5.4 \text{ mho/m}$ ;  $\epsilon_r = 34.4$ ;  $\rho = 1000 \text{ kg/m}^3$ Ambient Temperature :  $22.3 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $21.3 \text{ }^\circ\text{C}$ 

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.07, 4.07, 4.07); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- 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

**Ch157/Area Scan (101x221x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$ Maximum value of SAR (interpolated) =  $0.174 \text{ mW/g}$ **Ch157/Zoom Scan (8x8x10)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2.5\text{mm}$ Reference Value =  $0.265 \text{ V/m}$ ; Power Drift =  $-0.122 \text{ dB}$ Peak SAR (extrapolated) =  $0.496 \text{ W/kg}$ **SAR(1 g) =  $0.140 \text{ mW/g}$ ; SAR(10 g) =  $0.048 \text{ mW/g}$** Maximum value of SAR (measured) =  $0.288 \text{ mW/g}$ 0 dB =  $0.288 \text{ mW/g}$

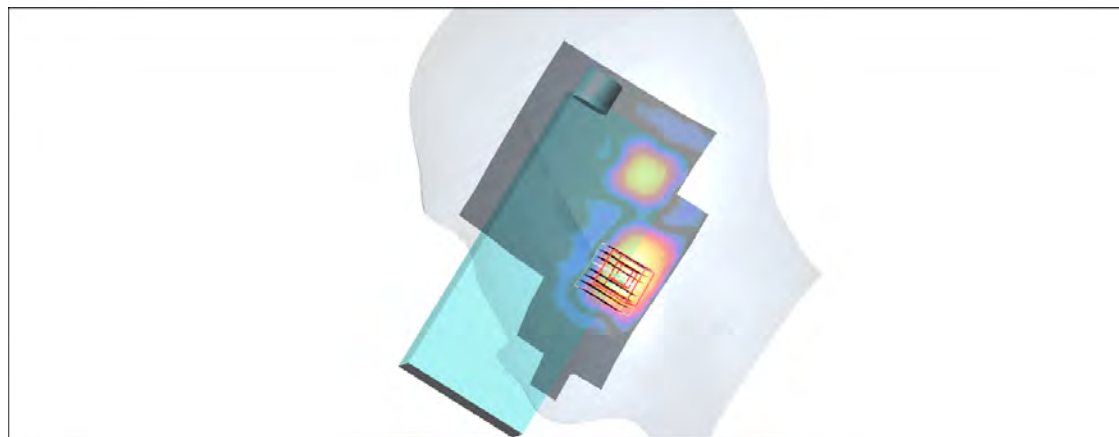
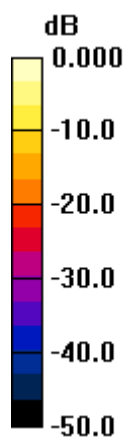
**#46 802.11a\_Right Cheek\_Ch149\_Ant2\_Battery1****DUT: 132448**

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_110702 Medium parameters used:  $f = 5745 \text{ MHz}$ ;  $\sigma = 5.37 \text{ mho/m}$ ;  $\epsilon_r = 34.5$ ;  $\rho = 1000 \text{ kg/m}^3$ Ambient Temperature :  $22.3 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $21.3 \text{ }^\circ\text{C}$ 

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.07, 4.07, 4.07); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- 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

**Ch149/Area Scan (121x201x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$ Maximum value of SAR (interpolated) =  $0.075 \text{ mW/g}$ **Ch149/Zoom Scan (8x8x10)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2.5\text{mm}$ Reference Value =  $0.000 \text{ V/m}$ ; Power Drift =  $0.135 \text{ dB}$ Peak SAR (extrapolated) =  $0.377 \text{ W/kg}$ **SAR(1 g) =  $0.050 \text{ mW/g}$ ; SAR(10 g) =  $0.018 \text{ mW/g}$** Maximum value of SAR (measured) =  $0.121 \text{ mW/g}$ 0 dB =  $0.121 \text{ mW/g}$



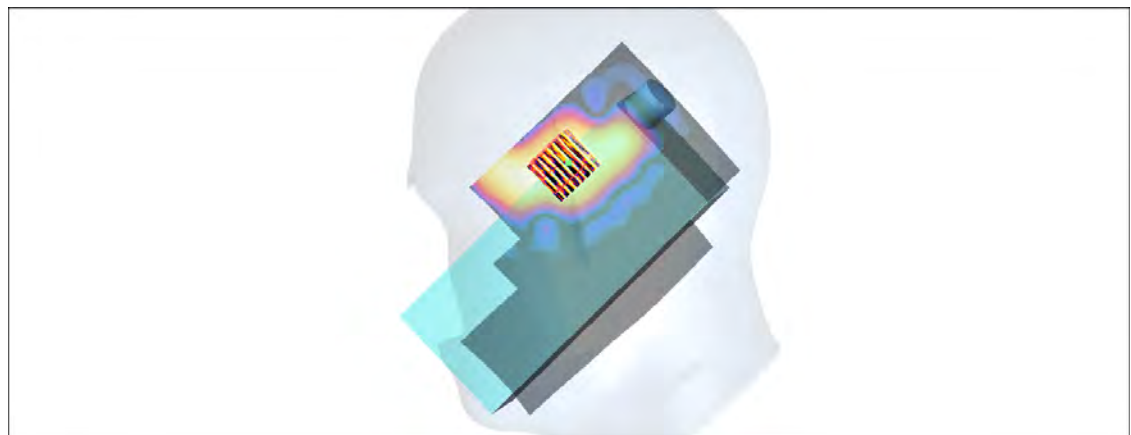
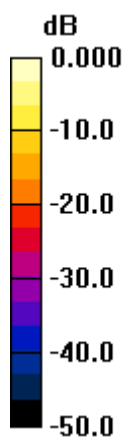
**#47 802.11a\_Right Tilted\_Ch157\_Ant1\_Battery1****DUT: 132448**

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

Medium: HSL\_5G\_110702 Medium parameters used:  $f = 5785 \text{ MHz}$ ;  $\sigma = 5.4 \text{ mho/m}$ ;  $\epsilon_r = 34.4$ ;  $\rho = 1000 \text{ kg/m}^3$ Ambient Temperature :  $22.3 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $21.3 \text{ }^\circ\text{C}$ 

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.07, 4.07, 4.07); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- 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

**Ch157/Area Scan (121x221x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$ Maximum value of SAR (interpolated) =  $0.109 \text{ mW/g}$ **Ch157/Zoom Scan (8x8x10)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2.5\text{mm}$ Reference Value =  $0.000 \text{ V/m}$ ; Power Drift =  $0.145 \text{ dB}$ Peak SAR (extrapolated) =  $0.198 \text{ W/kg}$ **SAR(1 g) =  $0.042 \text{ mW/g}$ ; SAR(10 g) =  $0.016 \text{ mW/g}$** Maximum value of SAR (measured) =  $0.106 \text{ mW/g}$ 0 dB =  $0.106\text{mW/g}$

**#48 802.11a\_Left Cheek\_Ch157\_Ant1\_Battery1****DUT: 132448**

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

Medium: HSL\_5G\_110702 Medium parameters used :  $f = 5785$  MHz;  $\sigma = 5.4$  mho/m;  $\epsilon_r = 34.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.07, 4.07, 4.07); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- 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

**Ch157/Area Scan (121x221x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.228 mW/g

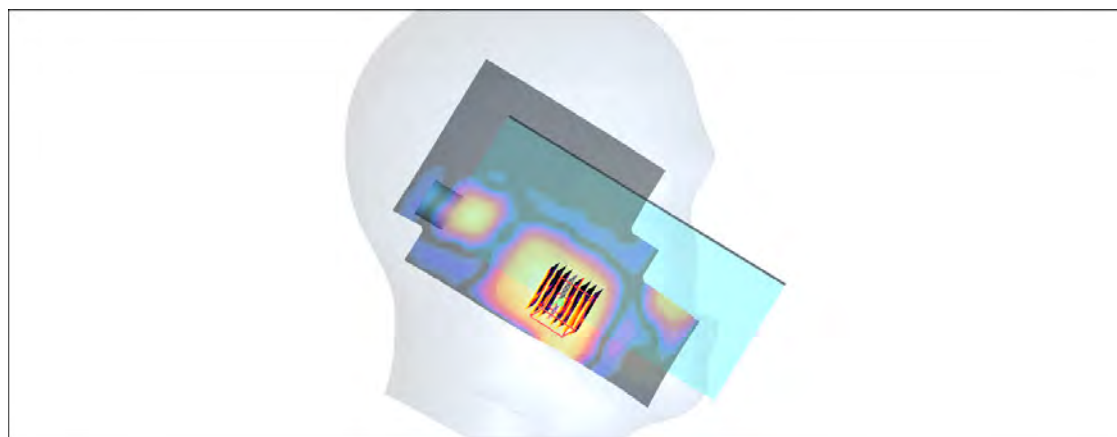
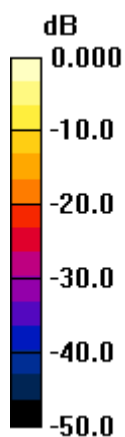
**Ch157/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.124 dB

Peak SAR (extrapolated) = 0.524 W/kg

**SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.048 mW/g**

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



0 dB = 0.338mW/g

**#48 802.11a\_Left Cheek\_Ch157\_Ant1\_Battery1\_2D****DUT: 132448**

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

Medium: HSL\_5G\_110702 Medium parameters used :  $f = 5785$  MHz;  $\sigma = 5.4$  mho/m;  $\epsilon_r = 34.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.07, 4.07, 4.07); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- 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

**Ch157/Area Scan (121x221x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.228 mW/g

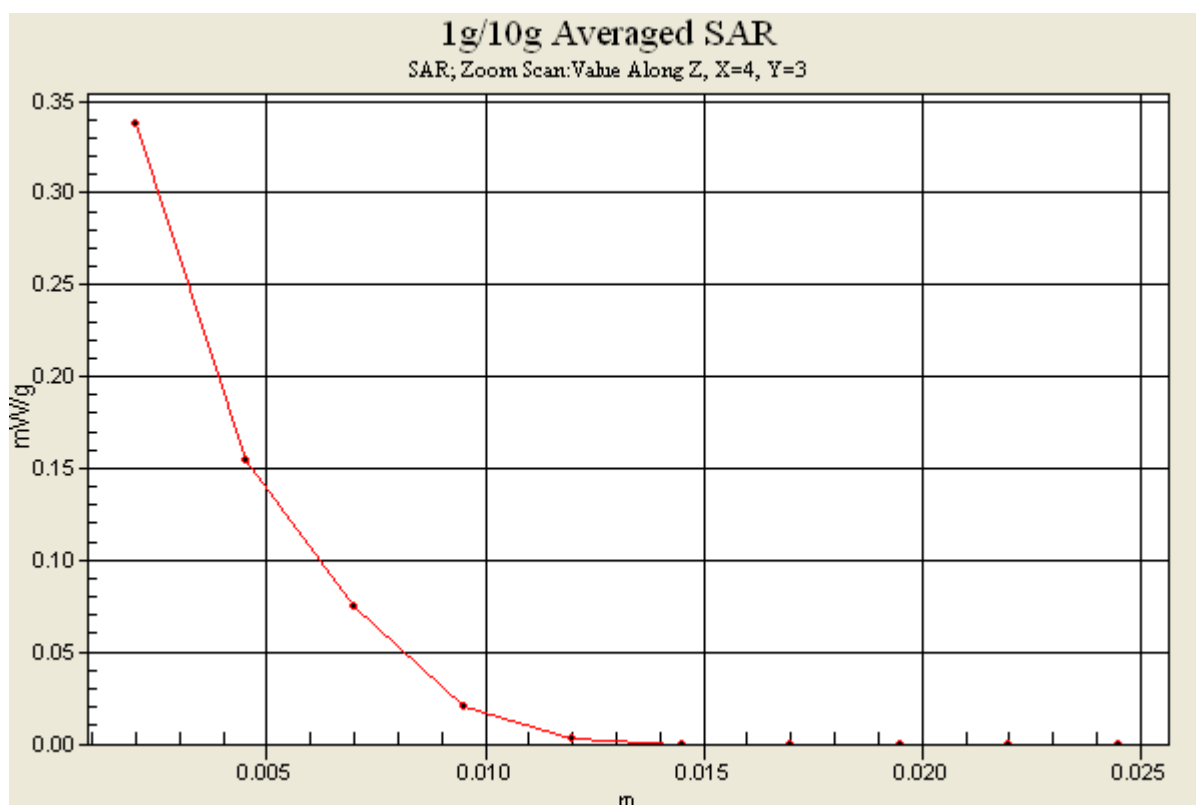
**Ch157/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.124 dB

Peak SAR (extrapolated) = 0.524 W/kg

**SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.048 mW/g**

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



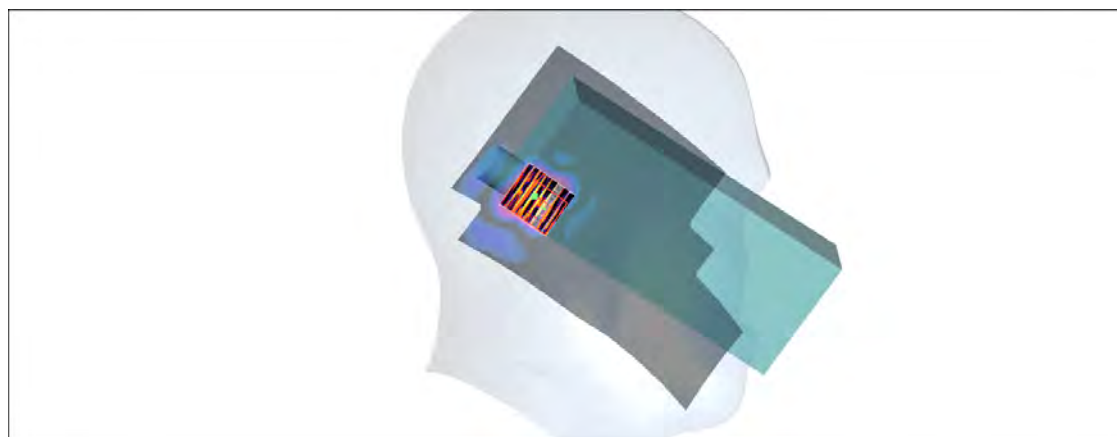
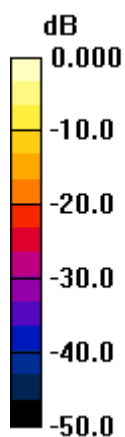
**#49 802.11a\_Left Tilted\_Ch157\_Ant1\_Battery1****DUT: 132448**

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

Medium: HSL\_5G\_110702 Medium parameters used :  $f = 5785 \text{ MHz}$ ;  $\sigma = 5.4 \text{ mho/m}$ ;  $\epsilon_r = 34.4$ ;  $\rho = 1000 \text{ kg/m}^3$ Ambient Temperature :  $22.3 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $21.3 \text{ }^\circ\text{C}$ 

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.07, 4.07, 4.07); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- 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

**Ch157/Area Scan (121x221x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$ Maximum value of SAR (interpolated) =  $0.057 \text{ mW/g}$ **Ch157/Zoom Scan (8x8x10)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2.5\text{mm}$ Reference Value =  $0.000 \text{ V/m}$ ; Power Drift =  $0.132 \text{ dB}$ Peak SAR (extrapolated) =  $0.249 \text{ W/kg}$ **SAR(1 g) =  $0.064 \text{ mW/g}$ ; SAR(10 g) =  $0.019 \text{ mW/g}$** Maximum value of SAR (measured) =  $0.149 \text{ mW/g}$ 0 dB =  $0.149\text{mW/g}$

**#50 802.11a\_Left Cheek\_Ch36\_Ant1\_Battery1****DUT: 132448**

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_110702 Medium parameters used :  $f = 5180$  MHz;  $\sigma = 4.78$  mho/m;  $\epsilon_r = 35.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.8, 4.8, 4.8); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- 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

**Ch36/Area Scan (121x221x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.085 mW/g

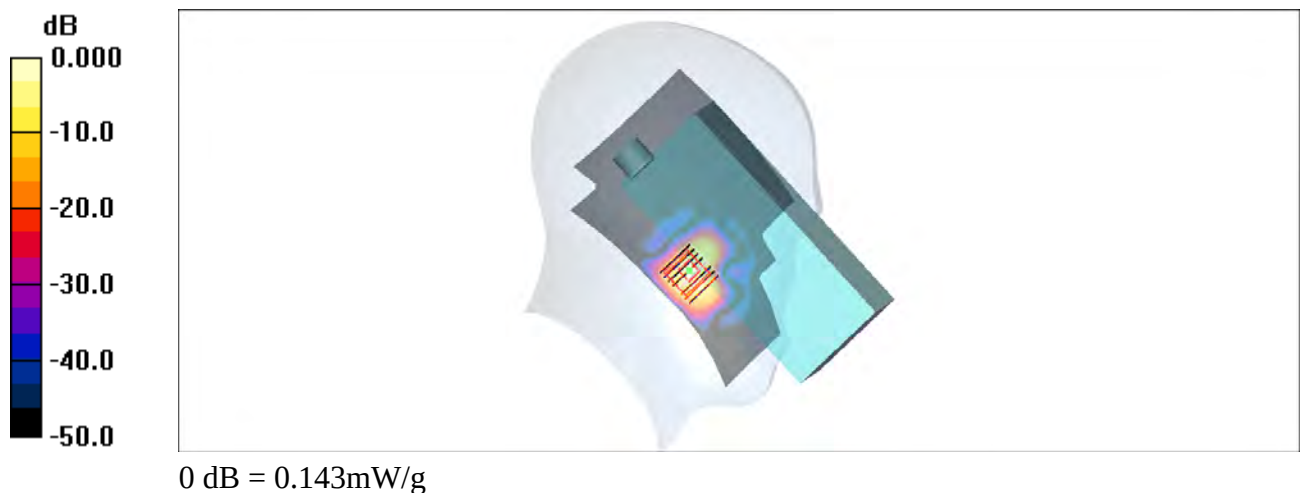
**Ch36/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.468 V/m; Power Drift = 0.131 dB

Peak SAR (extrapolated) = 0.379 W/kg

**SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.018 mW/g**

Maximum value of SAR (measured) = 0.143 mW/g



**#51 802.11a\_Left Cheek\_Ch48\_Ant1\_Battery1****DUT: 132448**

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

Medium: HSL\_5G\_110702 Medium parameters used :  $f = 5240$  MHz;  $\sigma = 4.85$  mho/m;  $\epsilon_r = 35.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.8, 4.8, 4.8); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- 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

**Ch48/Area Scan (121x221x1):** Measurement grid: dx=10mm, dy=10mm

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

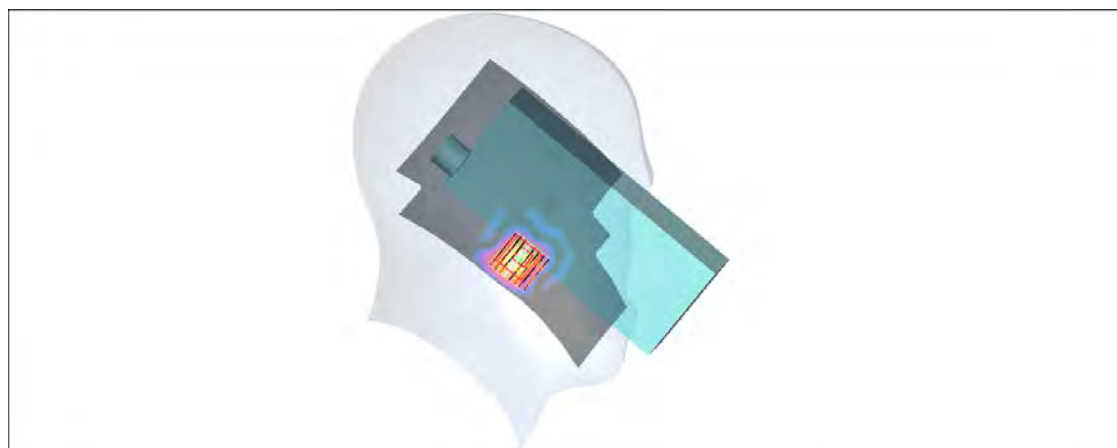
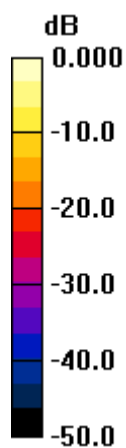
**Ch48/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.522 V/m; Power Drift = -0.165 dB

Peak SAR (extrapolated) = 0.323 W/kg

**SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.019 mW/g**

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



0 dB = 0.135mW/g

**#52 802.11a\_Left Cheek\_Ch52\_Ant1\_Battery1****DUT: 132448**

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_110702 Medium parameters used :  $f = 5260$  MHz;  $\sigma = 4.87$  mho/m;  $\epsilon_r = 35.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.8, 4.8, 4.8); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- 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

**Ch52/Area Scan (121x221x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.075 mW/g

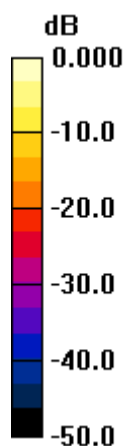
**Ch52/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.139 dB

Peak SAR (extrapolated) = 0.306 W/kg

**SAR(1 g) = 0.052 mW/g; SAR(10 g) = 0.018 mW/g**

Maximum value of SAR (measured) = 0.123 mW/g



0 dB = 0.123mW/g

**#53 802.11a\_Left Cheek\_Ch64\_Ant1\_Battery1****DUT: 132448**

Communication System: 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_110702 Medium parameters used :  $f = 5320$  MHz;  $\sigma = 4.93$  mho/m;  $\epsilon_r = 35.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(4.83, 4.83, 4.83); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- 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

**Ch64/Area Scan (121x221x1):** Measurement grid: dx=10mm, dy=10mm

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

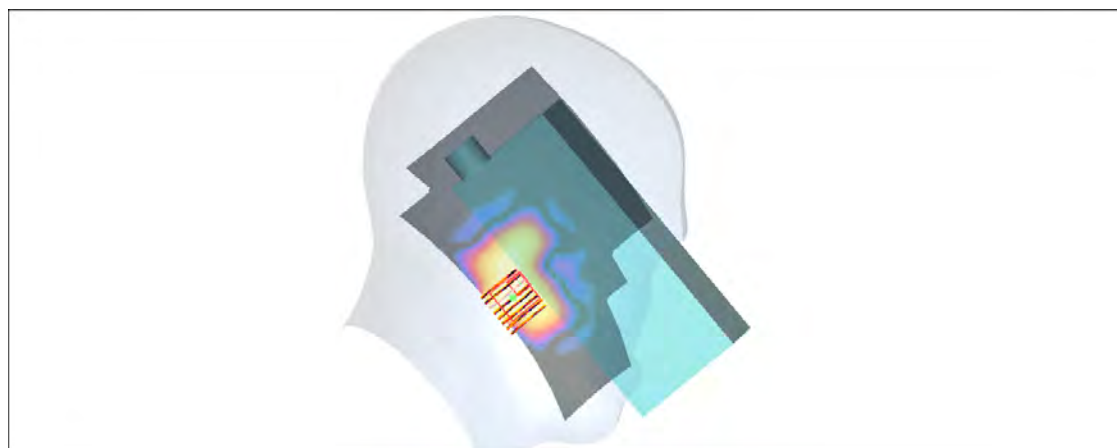
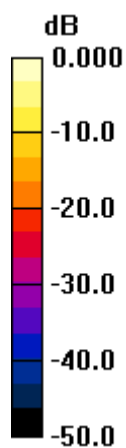
**Ch64/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.157 dB

Peak SAR (extrapolated) = 0.183 W/kg

**SAR(1 g) = 0.054 mW/g; SAR(10 g) = 0.015 mW/g**

Maximum value of SAR (measured) = 0.115 mW/g



0 dB = 0.115mW/g



**#54 802.11a\_Left Cheek\_Ch104\_Ant1\_Battery1****DUT: 132448**

Communication System: 802.11a; Frequency: 5520 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_110702 Medium parameters used :  $f = 5520$  MHz;  $\sigma = 5.14$  mho/m;  $\epsilon_r = 34.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.35, 4.35, 4.35); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- 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

**Ch104/Area Scan (121x221x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.119 mW/g

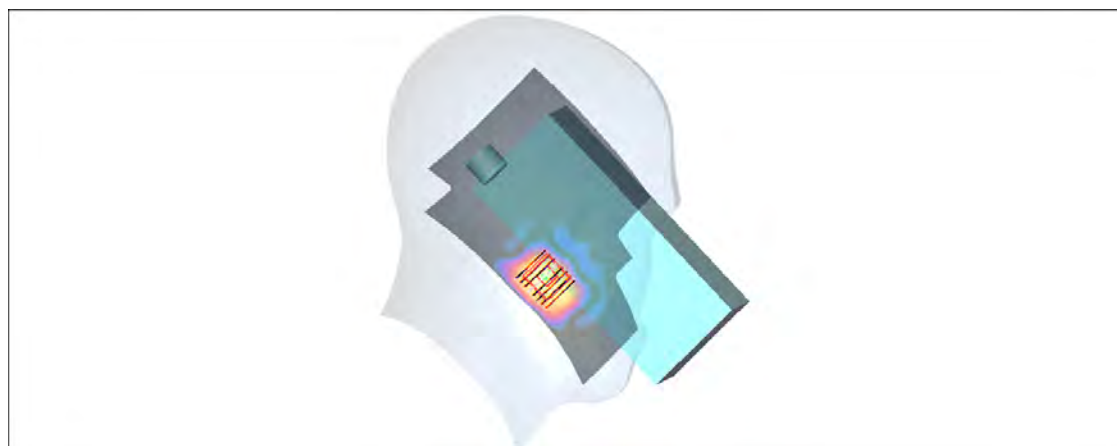
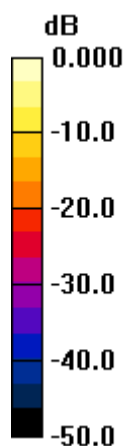
**Ch104/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.091 dB

Peak SAR (extrapolated) = 0.407 W/kg

**SAR(1 g) = 0.118 mW/g; SAR(10 g) = 0.036 mW/g**

Maximum value of SAR (measured) = 0.255 mW/g



0 dB = 0.255mW/g

**#55 802.11a\_Left Cheek\_Ch116\_Ant1\_Battery1****DUT: 132448**

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_110702 Medium parameters used :  $f = 5580$  MHz;  $\sigma = 5.19$  mho/m;  $\epsilon_r = 34.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.35, 4.35, 4.35); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- 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

**Ch116/Area Scan (121x221x1):** Measurement grid: dx=10mm, dy=10mm

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

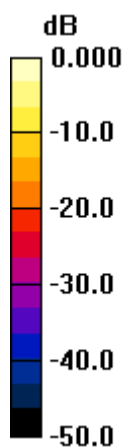
**Ch116/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.615 V/m; Power Drift = -0.121 dB

Peak SAR (extrapolated) = 0.539 W/kg

**SAR(1 g) = 0.150 mW/g; SAR(10 g) = 0.046 mW/g**

Maximum value of SAR (measured) = 0.322 mW/g



0 dB = 0.322mW/g

**#56 802.11a\_Left Cheek\_Ch124\_Ant1\_Battery1****DUT: 132448**

Communication System: 802.11a; Frequency: 5620 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_110702 Medium parameters used :  $f = 5620$  MHz;  $\sigma = 5.24$  mho/m;  $\epsilon_r = 34.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.35, 4.35, 4.35); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- 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

**Ch124/Area Scan (121x221x1):** Measurement grid: dx=10mm, dy=10mm

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

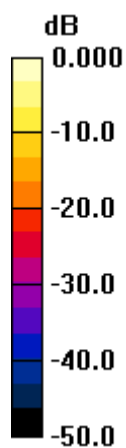
**Ch124/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.149 dB

Peak SAR (extrapolated) = 0.474 W/kg

**SAR(1 g) = 0.102 mW/g; SAR(10 g) = 0.034 mW/g**

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



0 dB = 0.235mW/g

**#57 802.11a\_Left Cheek\_Ch136\_Ant1\_Battery1****DUT: 132448**

Communication System: 802.11a; Frequency: 5680 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_110702 Medium parameters used :  $f = 5680$  MHz;  $\sigma = 5.3$  mho/m;  $\epsilon_r = 34.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.35, 4.35, 4.35); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- 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

**Ch136/Area Scan (121x221x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.112 mW/g

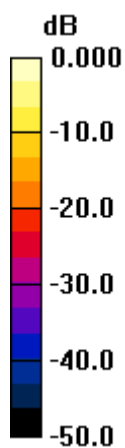
**Ch136/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.169 dB

Peak SAR (extrapolated) = 0.402 W/kg

**SAR(1 g) = 0.117 mW/g; SAR(10 g) = 0.038 mW/g**

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



0 dB = 0.276mW/g

**#58 802.11a\_Left Cheek\_Ch149\_Ant1\_Battery1****DUT: 132448**

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_110702 Medium parameters used :  $f = 5745$  MHz;  $\sigma = 5.37$  mho/m;  $\epsilon_r = 34.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.07, 4.07, 4.07); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- 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

**Ch149/Area Scan (121x221x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.158 mW/g

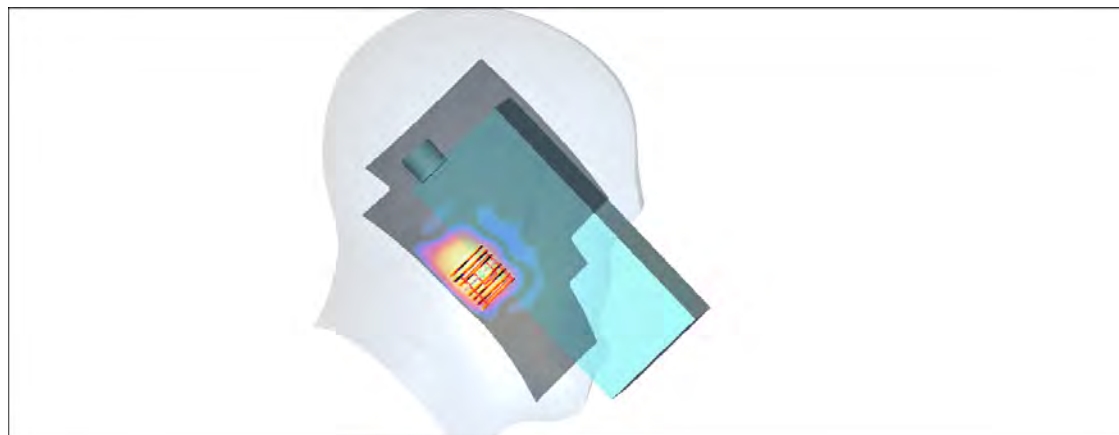
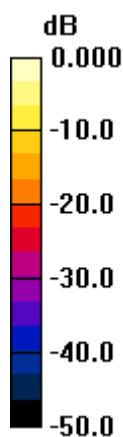
**Ch149/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.011 dB

Peak SAR (extrapolated) = 0.486 W/kg

**SAR(1 g) = 0.139 mW/g; SAR(10 g) = 0.048 mW/g**

Maximum value of SAR (measured) = 0.291 mW/g



0 dB = 0.291mW/g

**#59 802.11a\_Left Cheek\_Ch161\_Ant1\_Battery1****DUT: 132448**

Communication System: 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_110702 Medium parameters used :  $f = 5805$  MHz;  $\sigma = 5.41$  mho/m;  $\epsilon_r = 34.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.07, 4.07, 4.07); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- 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

**Ch161/Area Scan (121x221x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.138 mW/g

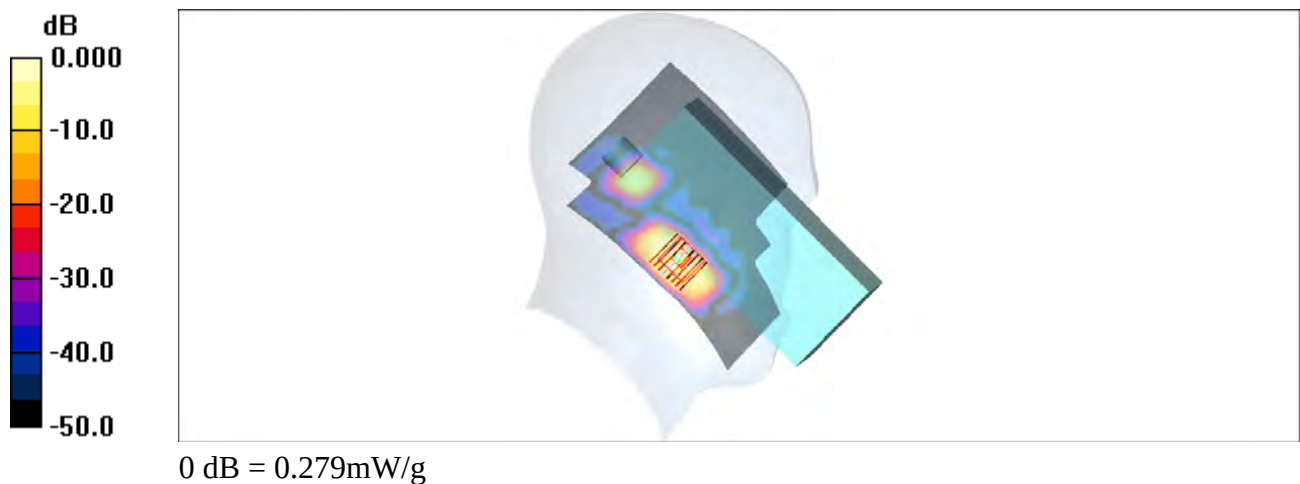
**Ch161/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.099 dB

Peak SAR (extrapolated) = 1.39 W/kg

**SAR(1 g) = 0.133 mW/g; SAR(10 g) = 0.047 mW/g**

Maximum value of SAR (measured) = 0.279 mW/g



**#60 802.11a\_Left Cheek\_Ch165\_Ant1\_Battery1****DUT: 132448**

Communication System: 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_110702 Medium parameters used :  $f = 5825$  MHz;  $\sigma = 5.43$  mho/m;  $\epsilon_r = 34.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.07, 4.07, 4.07); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- 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

**Ch165/Area Scan (121x221x1):** Measurement grid: dx=10mm, dy=10mm

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

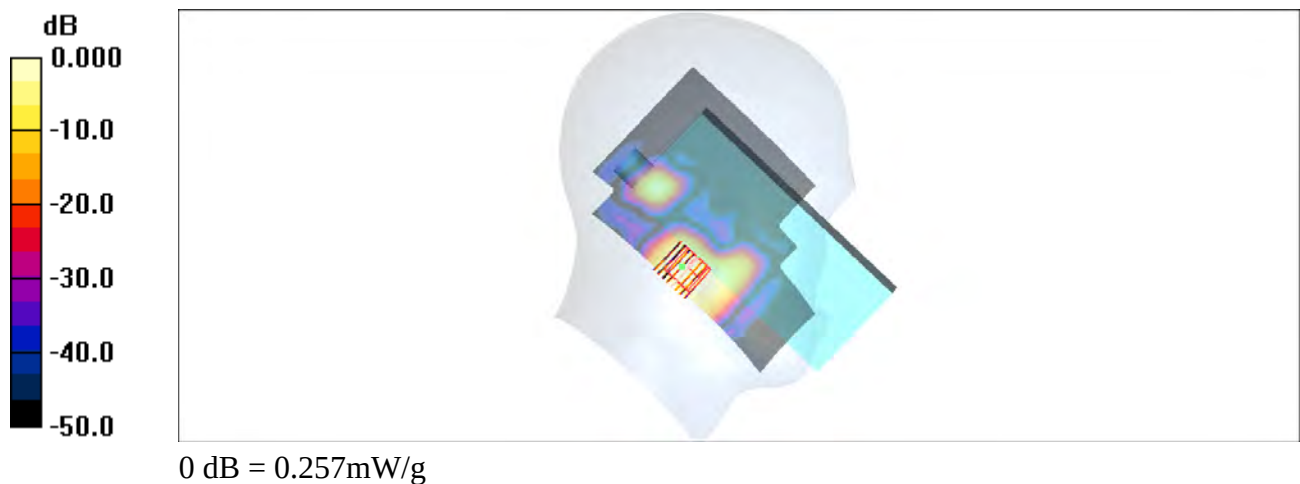
**Ch165/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.114 dB

Peak SAR (extrapolated) = 0.458 W/kg

**SAR(1 g) = 0.126 mW/g; SAR(10 g) = 0.034 mW/g**

Maximum value of SAR (measured) = 0.257 mW/g



**#61 802.11a\_Left Cheek\_Ch157\_Ant1\_Battery2****DUT: 132448**

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

Medium: HSL\_5G\_110702 Medium parameters used :  $f = 5785$  MHz;  $\sigma = 5.4$  mho/m;  $\epsilon_r = 34.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.07, 4.07, 4.07); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- 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

**Ch157/Area Scan (121x221x1):** Measurement grid: dx=10mm, dy=10mm

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

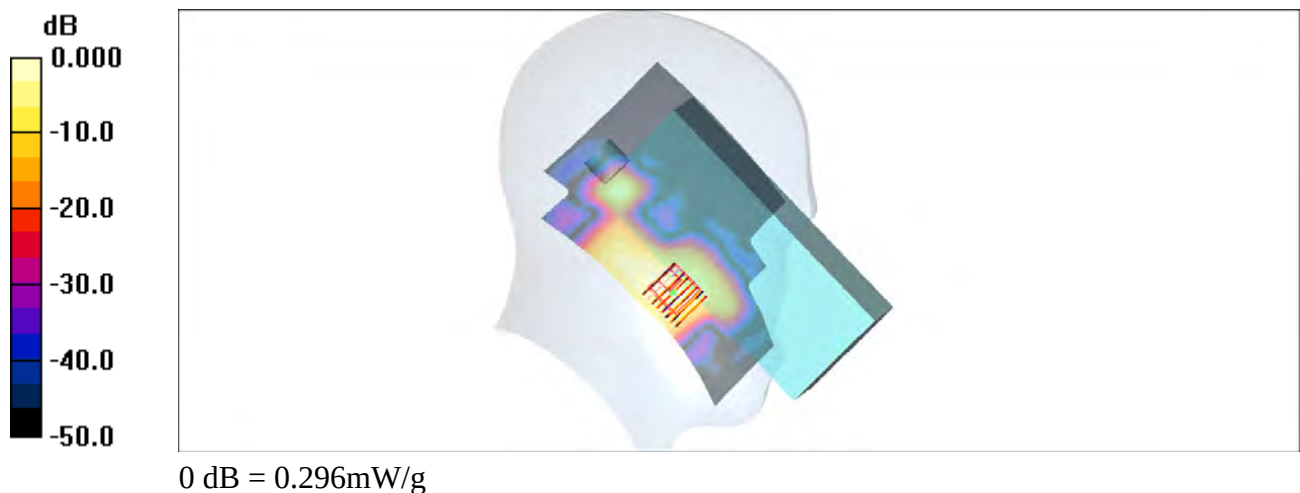
**Ch157/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.977 V/m; Power Drift = -0.139 dB

Peak SAR (extrapolated) = 0.444 W/kg

**SAR(1 g) = 0.136 mW/g; SAR(10 g) = 0.048 mW/g**

Maximum value of SAR (measured) = 0.296 mW/g





**#62 802.11b\_Front\_1.5cm\_Ch1\_Ant1\_Battery1\_Earphone**

**DUT: 132448**

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

Medium: MSL\_2450\_110622 Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.92 \text{ mho/m}$ ;  $\epsilon_r = 52.4$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $22.4^\circ \text{C}$  ; Liquid Temperature :  $21.5^\circ \text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.02, 7.02, 7.02); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch1/Area Scan (51x111x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) =  $0.025 \text{ mW/g}$

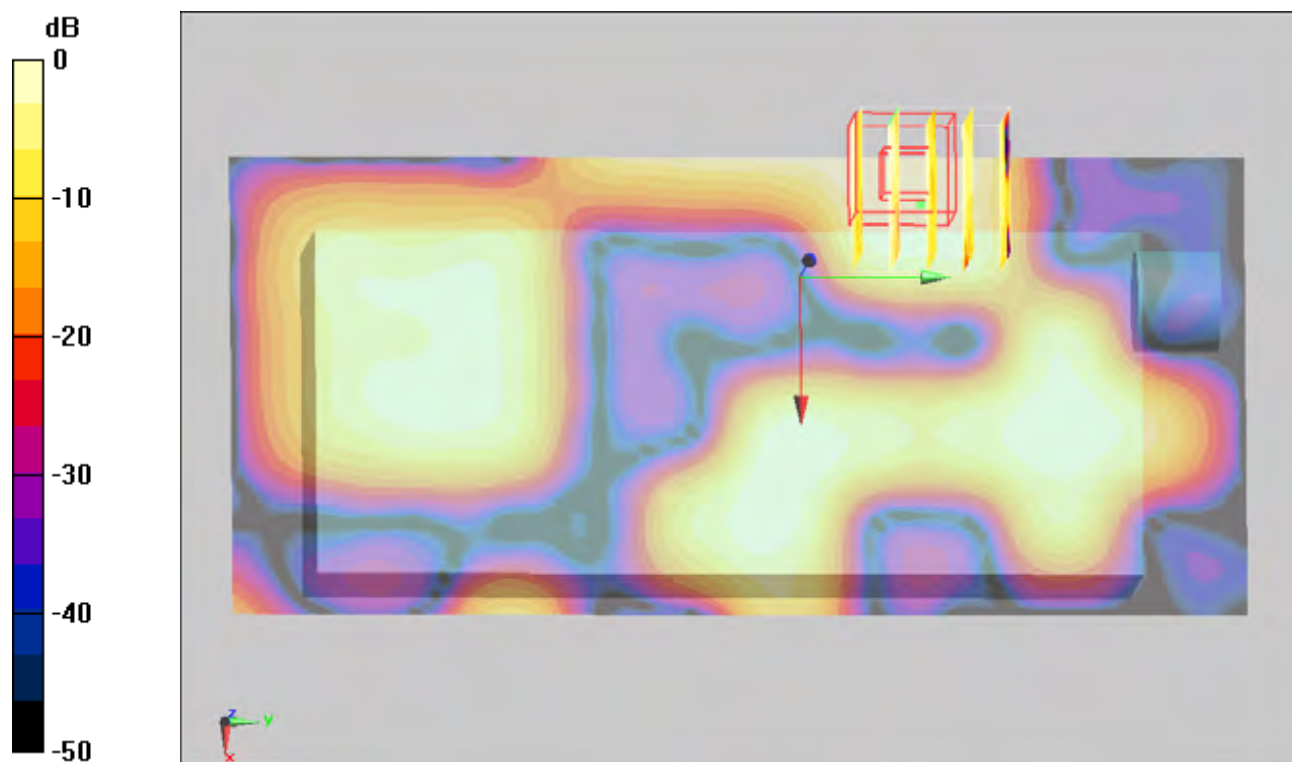
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $1.25 \text{ V/m}$ ; Power Drift =  $0.151 \text{ dB}$

Peak SAR (extrapolated) =  $0.022 \text{ W/kg}$

**SAR(1 g) =  $0.011 \text{ mW/g}$ ; SAR(10 g) =  $0.00592 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.012 \text{ mW/g}$



0 dB = 0.012mW/g

**#63 802.11b\_Back\_1.5cm\_Ch1\_Ant1\_Battery1\_Earphone**

**DUT: 132448**

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

Medium: MSL\_2450\_110622 Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.92 \text{ mho/m}$ ;  $\epsilon_r = 52.4$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $22.4 \text{ }^\circ\text{C}$  ; Liquid Temperature :  $21.5 \text{ }^\circ\text{C}$

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3697; ConvF(7.02, 7.02, 7.02); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch1/Area Scan (61x111x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) =  $0.019 \text{ mW/g}$

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

Reference Value =  $2.27 \text{ V/m}$ ; Power Drift =  $-0.113 \text{ dB}$

Peak SAR (extrapolated) =  $0.109 \text{ W/kg}$

**SAR(1 g) =  $0.062 \text{ mW/g}$ ; SAR(10 g) =  $0.034 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.092 \text{ mW/g}$

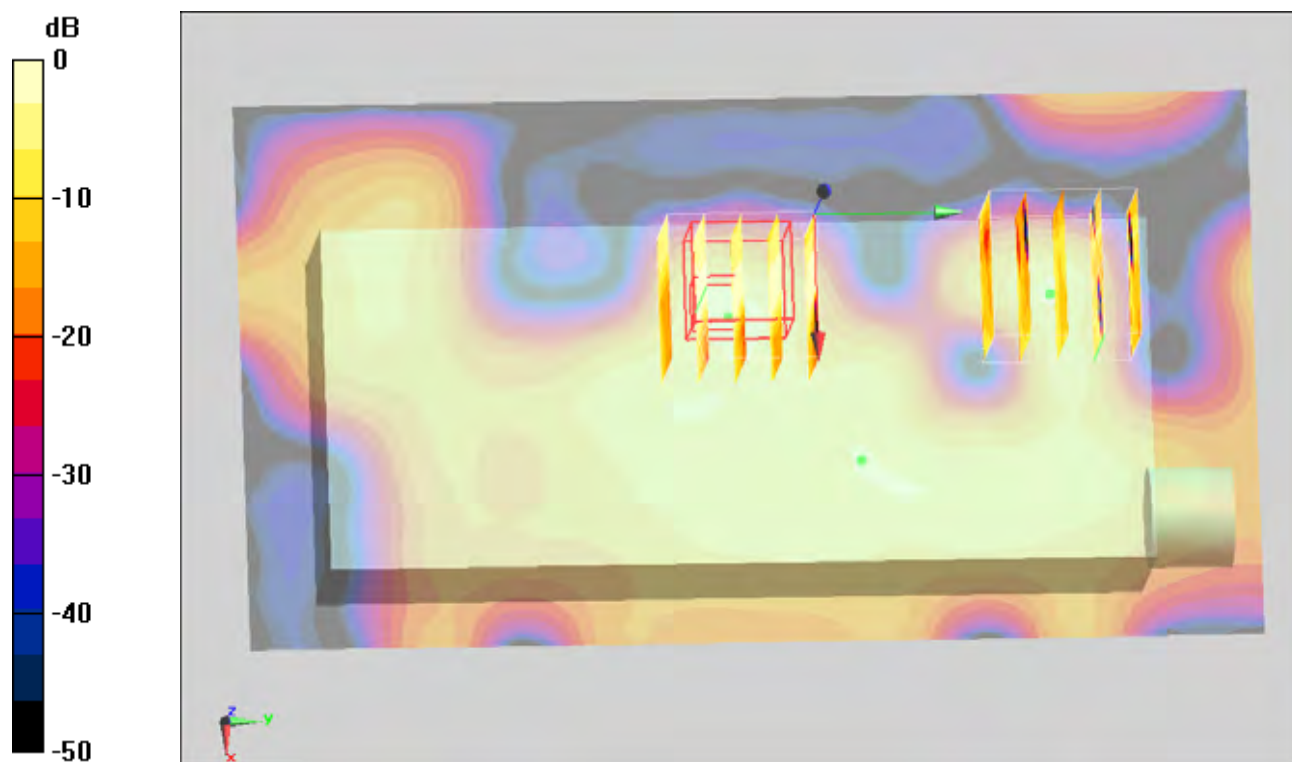
**Ch1/Zoom Scan (5x5x7)/Cube 1:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $2.27 \text{ V/m}$ ; Power Drift =  $-0.113 \text{ dB}$

Peak SAR (extrapolated) =  $0 \text{ W/kg}$

**SAR(1 g) = n.a. ; SAR(10 g) = n.a.**

Maximum value of SAR (measured) =  $0.055 \text{ mW/g}$



0 dB = 0.055mW/g

**#63 802.11b\_Back\_1.5cm\_Ch1\_Ant1\_Battery1\_Earphone\_2D**

**DUT: 132448**

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

Medium: MSL\_2450\_110622 Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.92 \text{ mho/m}$ ;  $\epsilon_r = 52.4$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $22.4 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.02, 7.02, 7.02); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch1/Area Scan (61x111x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) =  $0.019 \text{ mW/g}$

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

Reference Value =  $2.27 \text{ V/m}$ ; Power Drift =  $-0.113 \text{ dB}$

Peak SAR (extrapolated) =  $0.109 \text{ W/kg}$

**SAR(1 g) =  $0.062 \text{ mW/g}$ ; SAR(10 g) =  $0.034 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.092 \text{ mW/g}$

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

Reference Value =  $2.27 \text{ V/m}$ ; Power Drift =  $-0.113 \text{ dB}$

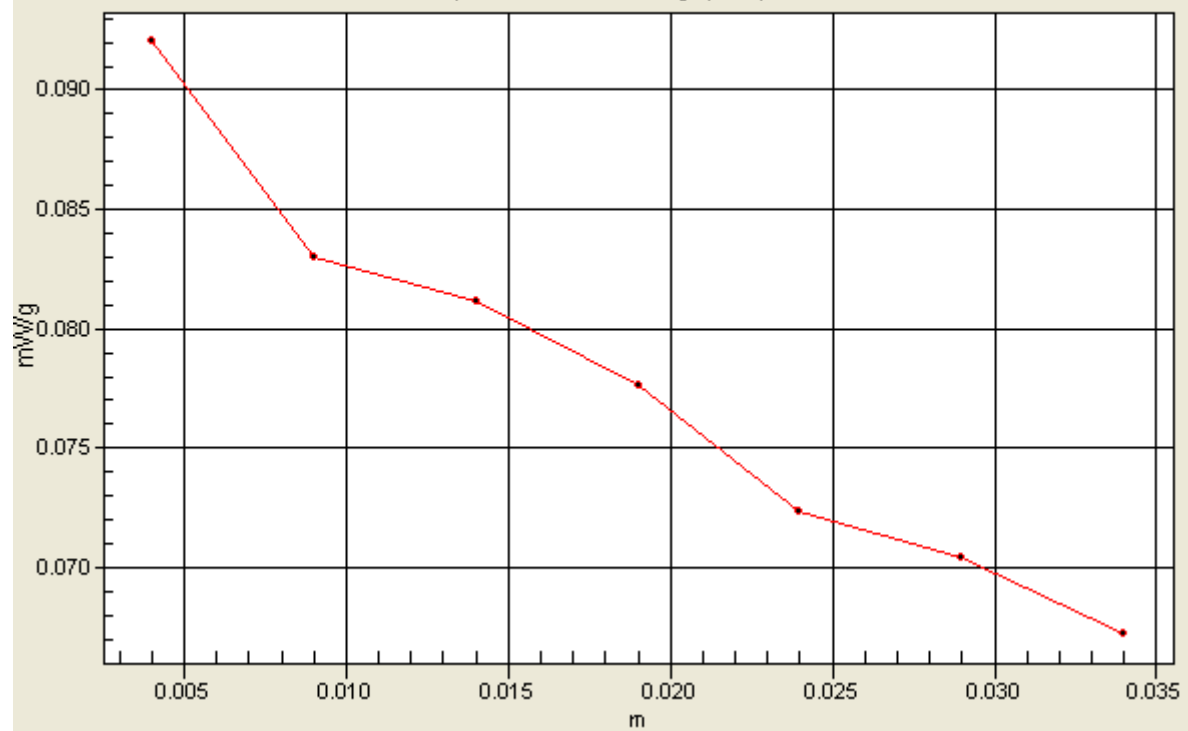
Peak SAR (extrapolated) =  $0 \text{ W/kg}$

**SAR(1 g) = n.a. ; SAR(10 g) = n.a.**

Maximum value of SAR (measured) =  $0.055 \text{ mW/g}$

# 1g/10g Averaged SAR

SAR; Zoom Scan: Value Along Z, X=2, Y=1



**#64 802.11b\_Back\_1.5cm\_Ch1\_Ant2\_Battery1\_Earphone**

**DUT: 132448**

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

Medium: MSL\_2450\_110622 Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.92 \text{ mho/m}$ ;  $\epsilon_r = 52.4$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $22.4 \text{ }^\circ\text{C}$  ; Liquid Temperature :  $21.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.02, 7.02, 7.02); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch1/Area Scan (71x111x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) =  $0.019 \text{ mW/g}$

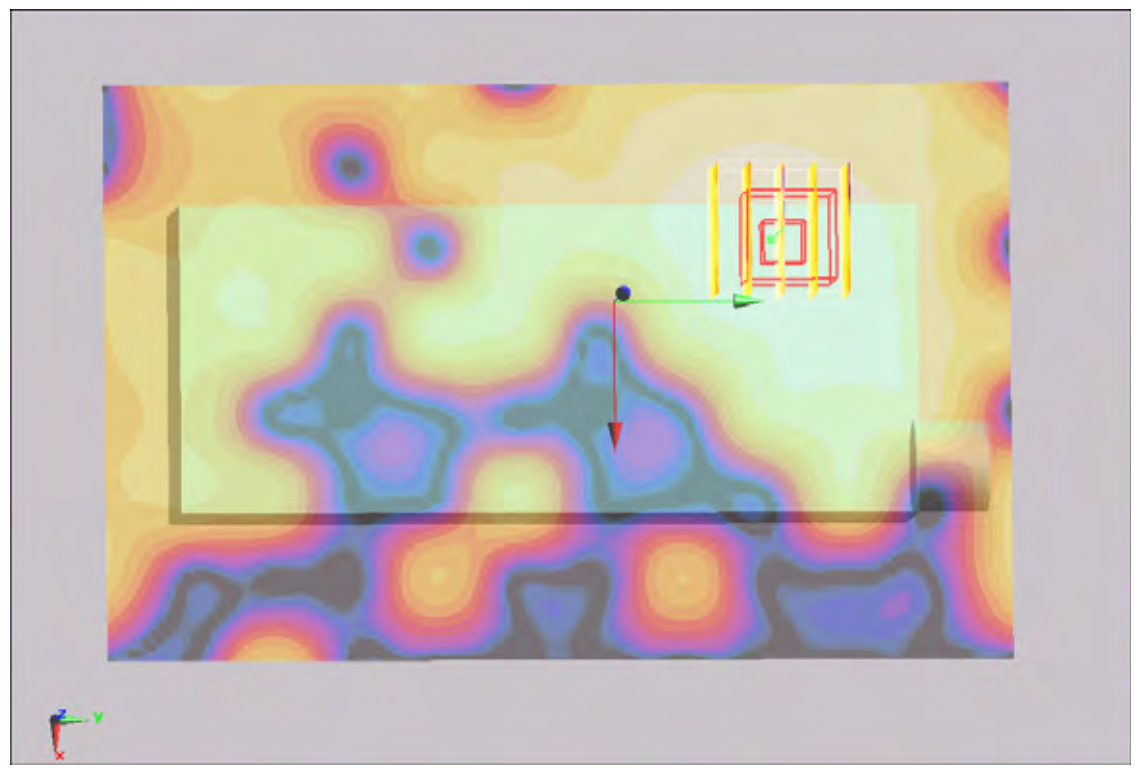
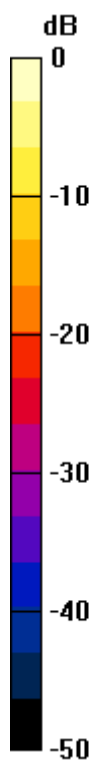
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $1.2 \text{ V/m}$ ; Power Drift =  $-0.106 \text{ dB}$

Peak SAR (extrapolated) =  $0.021 \text{ W/kg}$

**SAR(1 g) =  $0.016 \text{ mW/g}$ ; SAR(10 g) =  $0.0089 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.020 \text{ mW/g}$



0 dB = 0.020mW/g



**#65 802.11b\_Back\_1.5cm\_Ch1\_Ant1\_Battery2\_Earphone**

**DUT: 132448**

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

Medium: MSL\_2450\_110622 Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.92 \text{ mho/m}$ ;  $\epsilon_r = 52.4$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $22.4^\circ \text{C}$  ; Liquid Temperature :  $21.5^\circ \text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(7.02, 7.02, 7.02); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch1/Area Scan (71x111x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) =  $0.026 \text{ mW/g}$

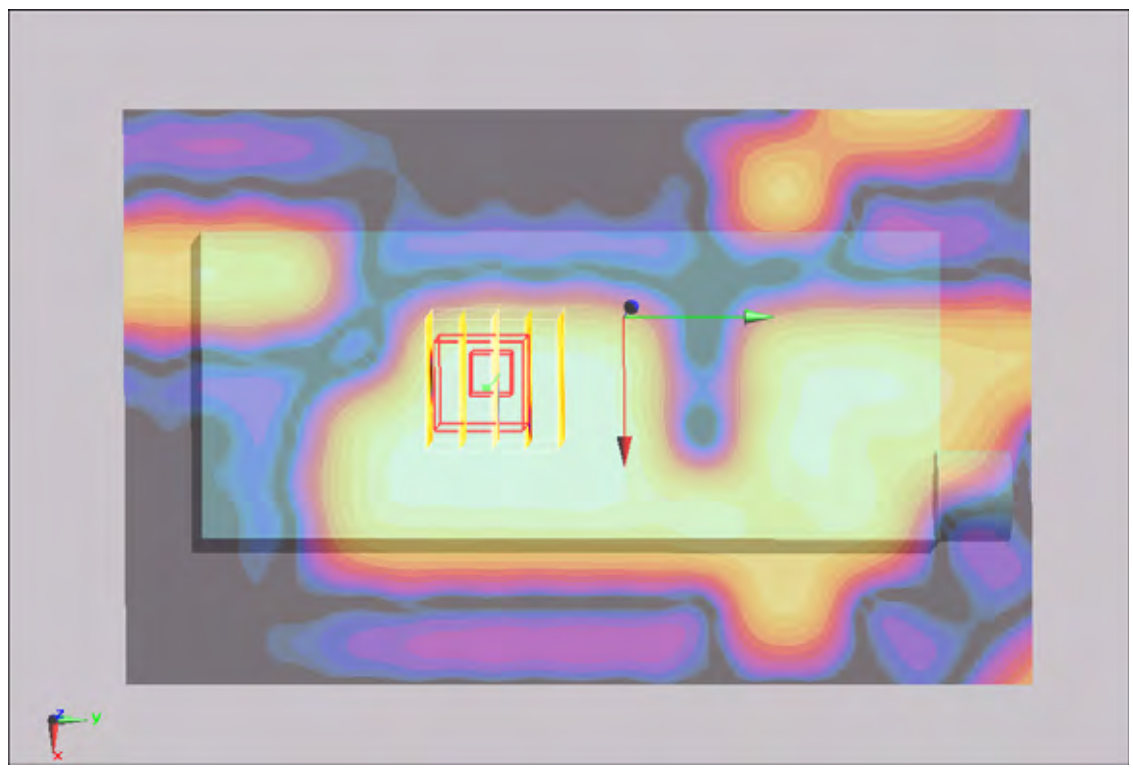
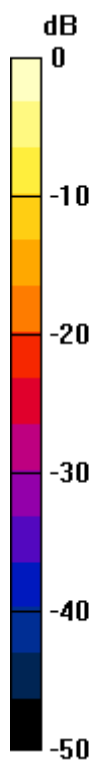
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $2.84 \text{ V/m}$ ; Power Drift =  $-0.192 \text{ dB}$

Peak SAR (extrapolated) =  $0.025 \text{ W/kg}$

**SAR(1 g) =  $0.013 \text{ mW/g}$ ; SAR(10 g) =  $0.00708 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.014 \text{ mW/g}$



0 dB = 0.014mW/g

**#66 802.11a\_Front\_1.5cm\_Ch157\_Ant1\_Battery1\_Earphone****DUT: 132448**

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

Medium: MSL\_5G\_110703 Medium parameters used :  $f = 5785$  MHz;  $\sigma = 6.21$  mho/m;  $\epsilon_r = 47.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.66, 3.66, 3.66); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- 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

**Ch157/Area Scan (101x221x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.182 mW/g

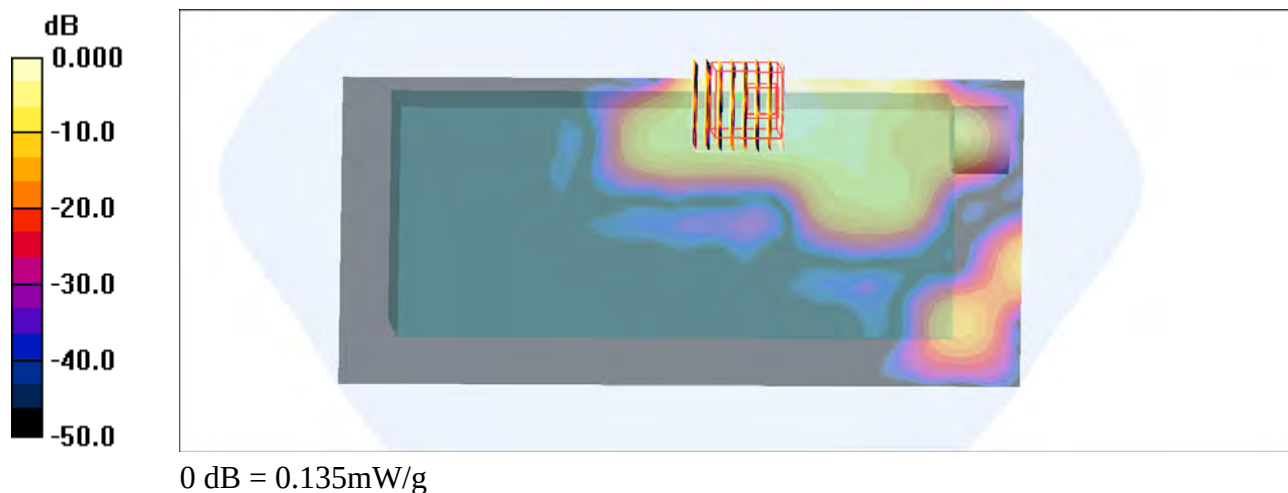
**Ch157/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.111 dB

Peak SAR (extrapolated) = 0.196 W/kg

**SAR(1 g) = 0.074 mW/g; SAR(10 g) = 0.027 mW/g**

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



**#67 802.11a\_Back\_1.5cm\_Ch157\_Ant1\_Battery1\_Earphone****DUT: 132448**

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

Medium: MSL\_5G\_110703 Medium parameters used :  $f = 5785$  MHz;  $\sigma = 6.21$  mho/m;  $\epsilon_r = 47.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.66, 3.66, 3.66); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- 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

**Ch157/Area Scan (101x221x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.119 mW/g

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

Reference Value = 2.56 V/m; Power Drift = -0.159 dB

Peak SAR (extrapolated) = 0.240 W/kg

**SAR(1 g) = 0.105 mW/g; SAR(10 g) = 0.044 mW/g**

Maximum value of SAR (measured) = 0.171 mW/g

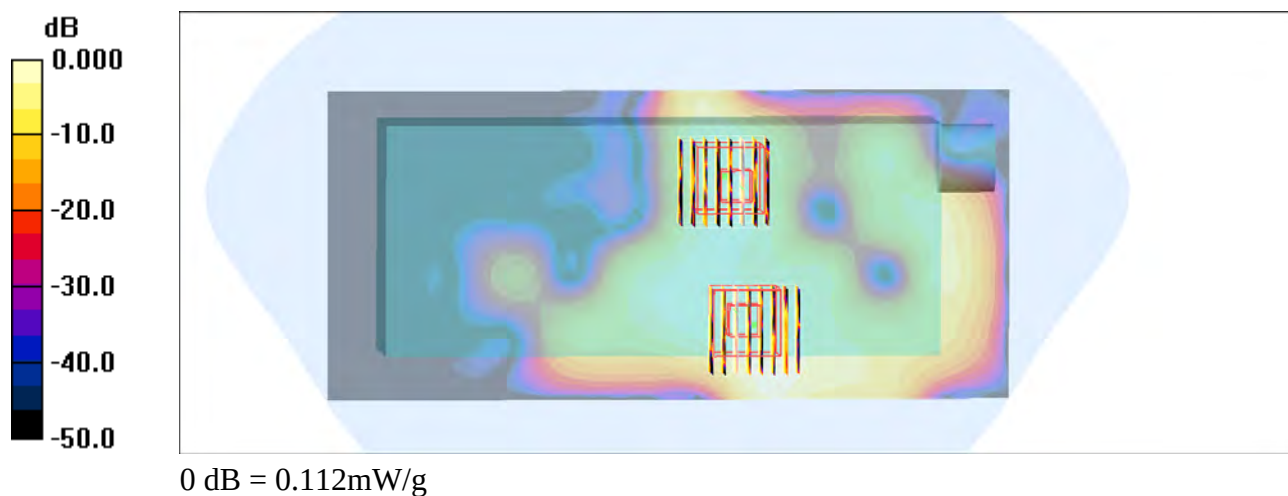
**Ch157/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.56 V/m; Power Drift = -0.159 dB

Peak SAR (extrapolated) = 0.167 W/kg

**SAR(1 g) = 0.062 mW/g; SAR(10 g) = 0.023 mW/g**

Maximum value of SAR (measured) = 0.112 mW/g



**#68 802.11a\_Back\_1.5cm\_Ch149\_Ant2\_Battery1\_Earphone****DUT: 132448**

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_110703 Medium parameters used :  $f = 5745$  MHz;  $\sigma = 6.17$  mho/m;  $\epsilon_r = 47.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.66, 3.66, 3.66); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- 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

**Ch149/Area Scan (101x221x1):** Measurement grid: dx=10mm, dy=10mm

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

**Ch149/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.19 V/m; Power Drift -0.165 dB

Peak SAR (extrapolated) = 0.208 W/kg

**SAR(1 g) = 0.077 mW/g; SAR(10 g) = 0.030 mW/g**

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

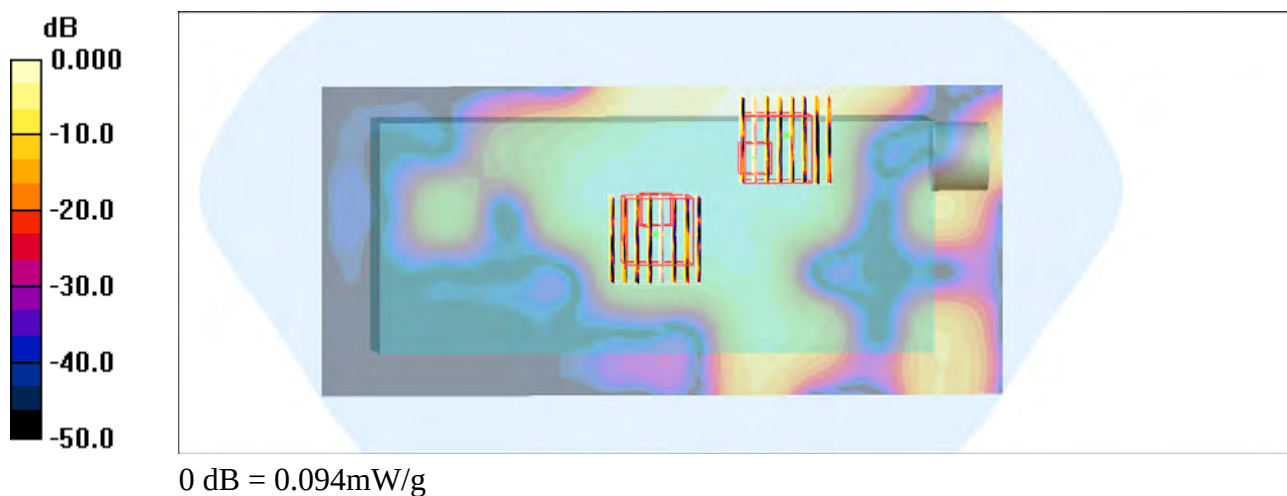
**Ch149/Zoom Scan (8x8x10)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.19 V/m; Power Drift = -0.165 dB

Peak SAR (extrapolated) = 0.136 W/kg

**SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.017 mW/g**

Maximum value of SAR (measured) = 0.094 mW/g



**#69 802.11a\_Back\_1.5cm\_Ch36\_Ant1\_Battery1\_Earphone****DUT: 132448**

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_110703 Medium parameters used :  $f = 5180$  MHz;  $\sigma = 5.33$  mho/m;  $\epsilon_r = 48.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.97, 3.97, 3.97); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- 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

**Ch36/Area Scan (101x221x1):** Measurement grid: dx=10mm, dy=10mm

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

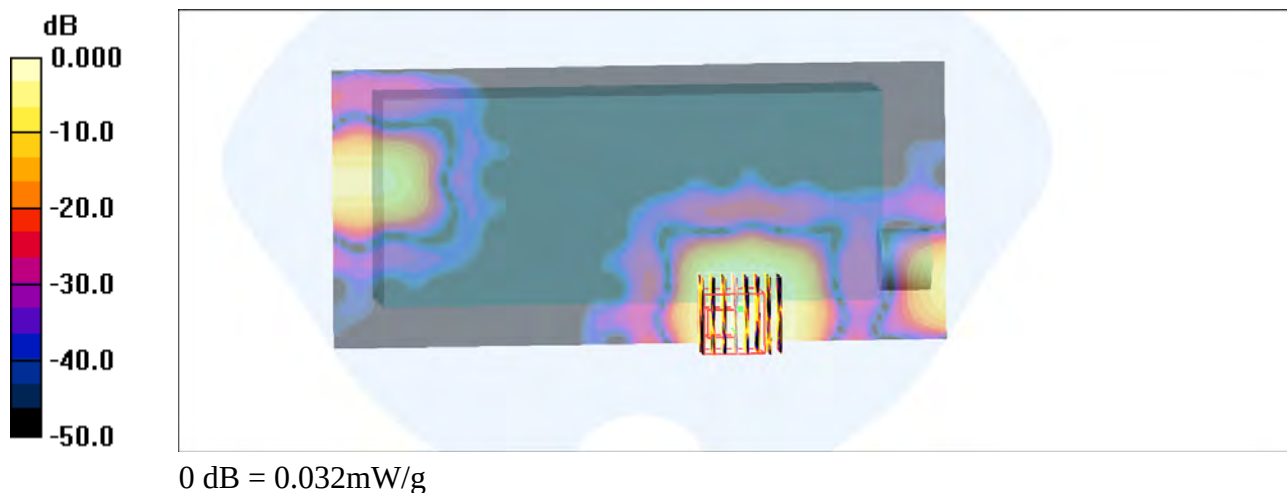
**Ch36/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.21 V/m; Power Drift = -0.189 dB

Peak SAR (extrapolated) = 0.148 W/kg

**SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.0051 mW/g**

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



**#70 802.11a\_Back\_1.5cm\_Ch48\_Ant1\_Battery1\_Earphone****DUT: 132448**

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

Medium: MSL\_5G\_110703 Medium parameters used :  $f = 5240$  MHz;  $\sigma = 5.41$  mho/m;  $\epsilon_r = 48.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.97, 3.97, 3.97); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- 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

**Ch48/Area Scan (101x221x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.009 mW/g

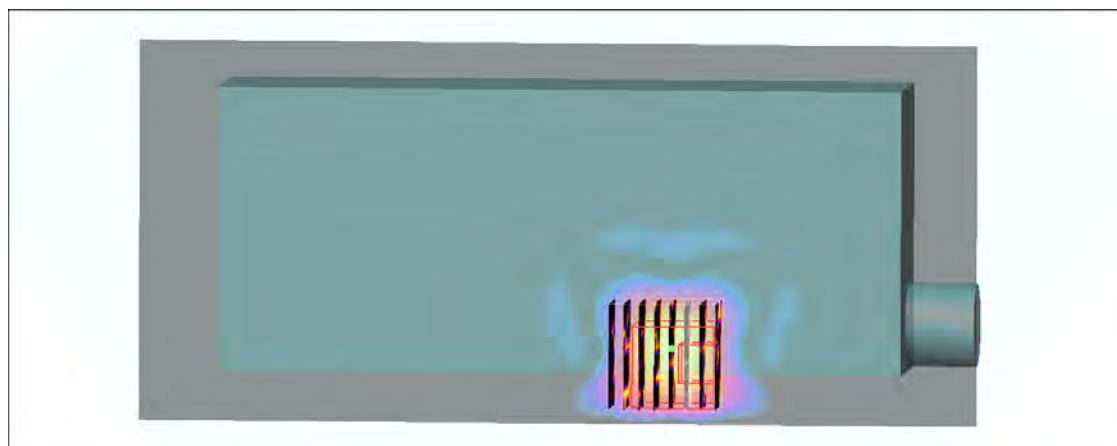
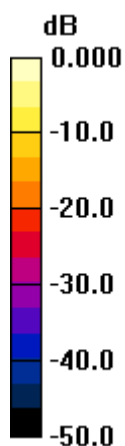
**Ch48/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.16 V/m; Power Drift = -0.157 dB

Peak SAR (extrapolated) = 0.167 W/kg

**SAR(1 g) = 0.014 mW/g; SAR(10 g) = 0.0033 mW/g**

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



0 dB = 0.031mW/g

**#71 802.11a\_Back\_1.5cm\_Ch52\_Ant1\_Battery1\_Earphone****DUT: 132448**

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_110703 Medium parameters used :  $f = 5260$  MHz;  $\sigma = 5.44$  mho/m;  $\epsilon_r = 48.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.97, 3.97, 3.97); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- 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

**Ch52/Area Scan (101x221x1):** Measurement grid: dx=10mm, dy=10mm

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

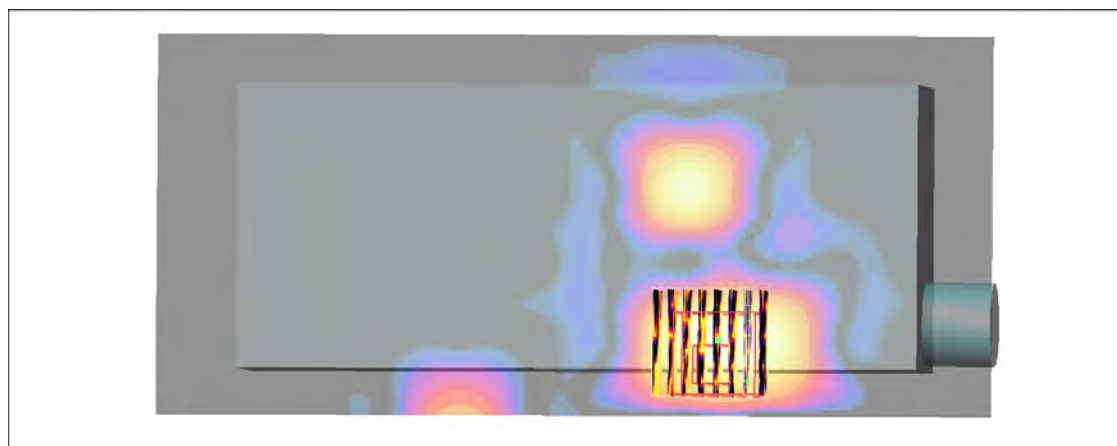
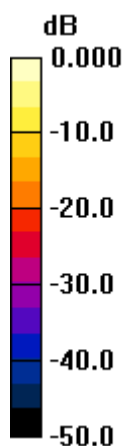
**Ch52/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.62 V/m; Power Drift = -0.112 dB

Peak SAR (extrapolated) = 0.186 W/kg

**SAR(1 g) = 0.018 mW/g; SAR(10 g) = 0.00649 mW/g**

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



0 dB = 0.031mW/g



**#72 802.11a\_Back\_1.5cm\_Ch64\_Ant1\_Battery1\_Earphone****DUT: 132448**

Communication System: 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_110703 Medium parameters used:  $f = 5320$  MHz;  $\sigma = 5.53$  mho/m;  $\epsilon_r = 48.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(3.87, 3.87, 3.87); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- 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

**Ch64/Area Scan (101x221x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.047 mW/g

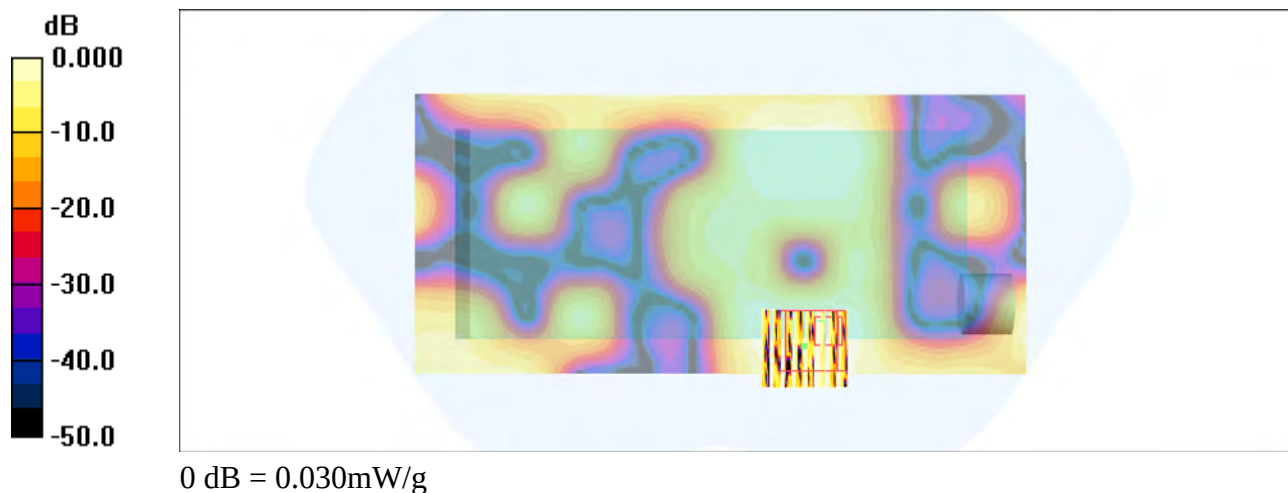
**Ch64/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.544 V/m; Power Drift = 0.151 dB

Peak SAR (extrapolated) = 0.160 W/kg

**SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.00475 mW/g**

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



**#73 802.11a\_Back\_1.5cm\_Ch104\_Ant1\_Battery1\_Earphone****DUT: 132448**

Communication System: 802.11a; Frequency: 5520 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_110703 Medium parameters used :  $f = 5520$  MHz;  $\sigma = 5.83$  mho/m;  $\epsilon_r = 48$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.44, 3.44, 3.44); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- 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

**Ch104/Area Scan (101x221x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.117 mW/g

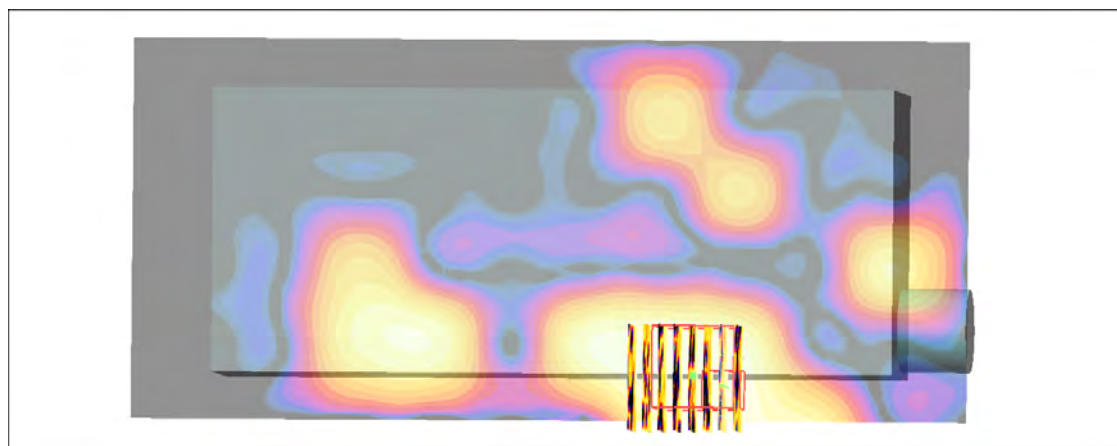
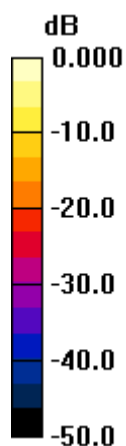
**Ch104/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.202 V/m; Power Drift = -0.111 dB

Peak SAR (extrapolated) = 0.220 W/kg

**SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.00745 mW/g**

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



0 dB = 0.045mW/g

**#74 802.11a\_Back\_1.5cm\_Ch116\_Ant1\_Battery1\_Earphone****DUT: 132448**

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_110703 Medium parameters used :  $f = 5580$  MHz;  $\sigma = 5.92$  mho/m;  $\epsilon_r = 47.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.44, 3.44, 3.44 ); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- 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

**Ch116/Area Scan (141x221x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.075 mW/g

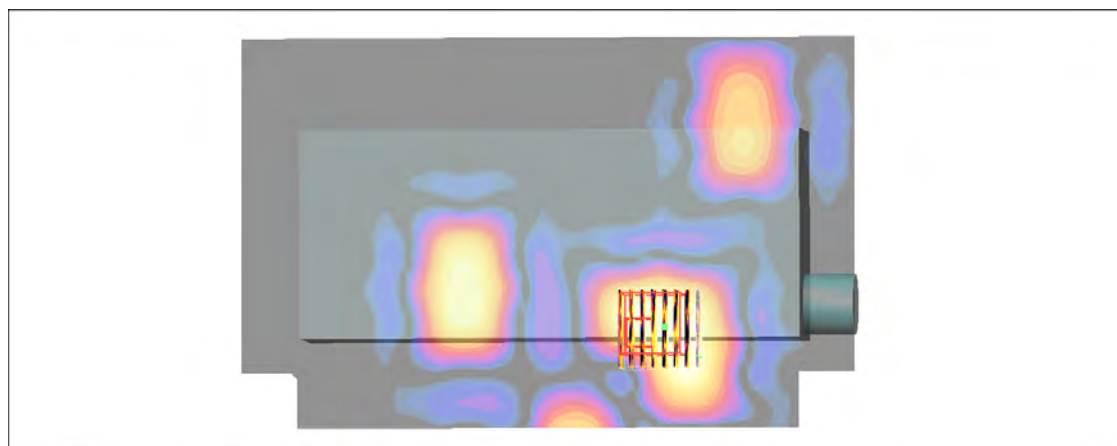
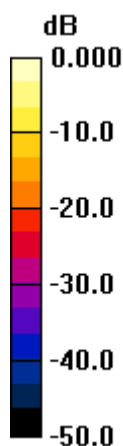
**Ch116/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.156 dB

Peak SAR (extrapolated) = 0.230 W/kg

**SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.00938 mW/g**

Maximum value of SAR (measured) = 0.049 mW/g



0 dB = 0.049mW/g

**#75 802.11a\_Back\_1.5cm\_Ch124\_Ant1\_Battery1\_Earphone****DUT: 132448**

Communication System: 802.11a; Frequency: 5620 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_110703 Medium parameters used :  $f = 5620$  MHz;  $\sigma = 5.97$  mho/m;  $\epsilon_r = 47.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.44, 3.44, 3.44); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- 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

**Ch124/Area Scan (141x221x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.117 mW/g

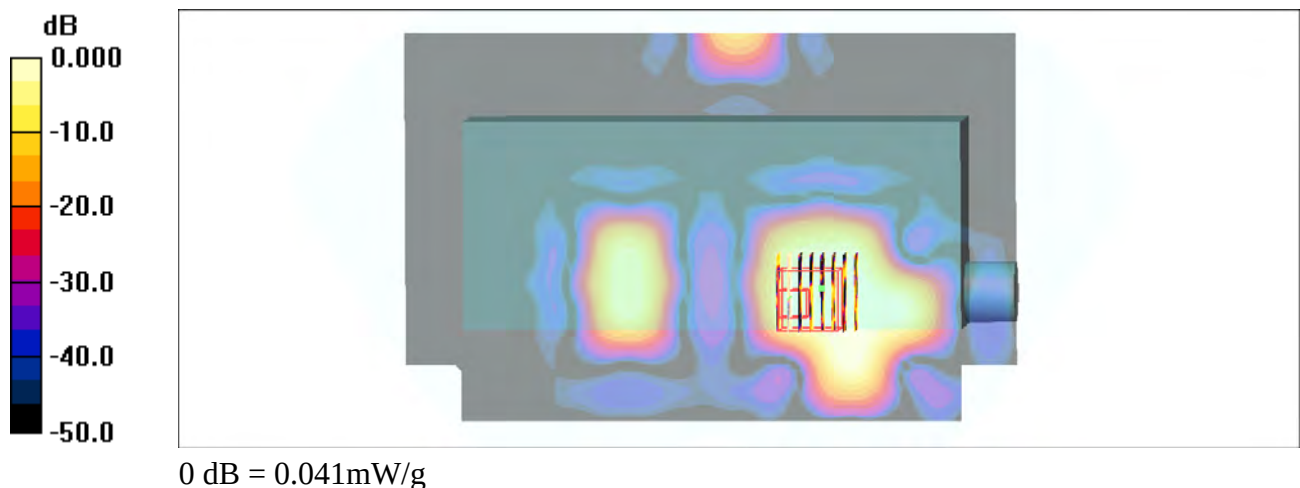
**Ch124/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.399 V/m; Power Drift = 0.112 dB

Peak SAR (extrapolated) = 0.233 W/kg

**SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.00829 mW/g**

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



**#76 802.11a\_Back\_1.5cm\_Ch136\_Ant1\_Battery1\_Earphone****DUT: 132448**

Communication System: 802.11a; Frequency: 5680 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_110703 Medium parameters used :  $f = 5680$  MHz;  $\sigma = 6.04$  mho/m;  $\epsilon_r = 47.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.44, 3.44, 3.44); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- 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

**Ch136/Area Scan (141x221x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.044 mW/g

**Ch136/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.942 V/m; Power Drift = -0.173 dB

Peak SAR (extrapolated) = 0.115 W/kg

**SAR(1 g) = 0.028 mW/g; SAR(10 g) = 0.011 mW/g**

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

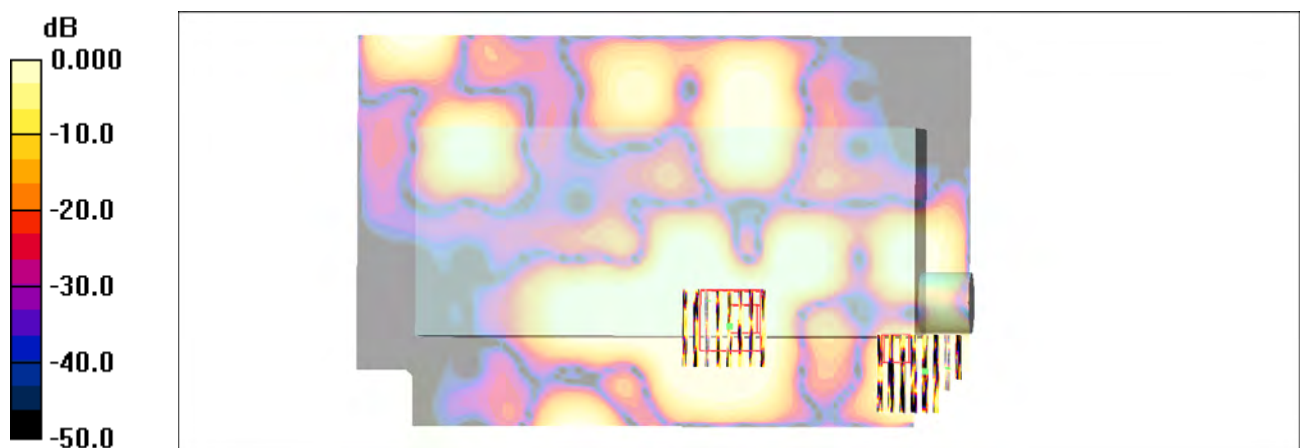
**Ch136/Zoom Scan (8x8x10)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.942 V/m; Power Drift = -0.173 dB

Peak SAR (extrapolated) = 0.031 W/kg

**SAR(1 g) = 0.00197 mW/g; SAR(10 g) = n.a.**

Maximum value of SAR (measured) = 0.014 mW/g



0 dB = 0.014mW/g

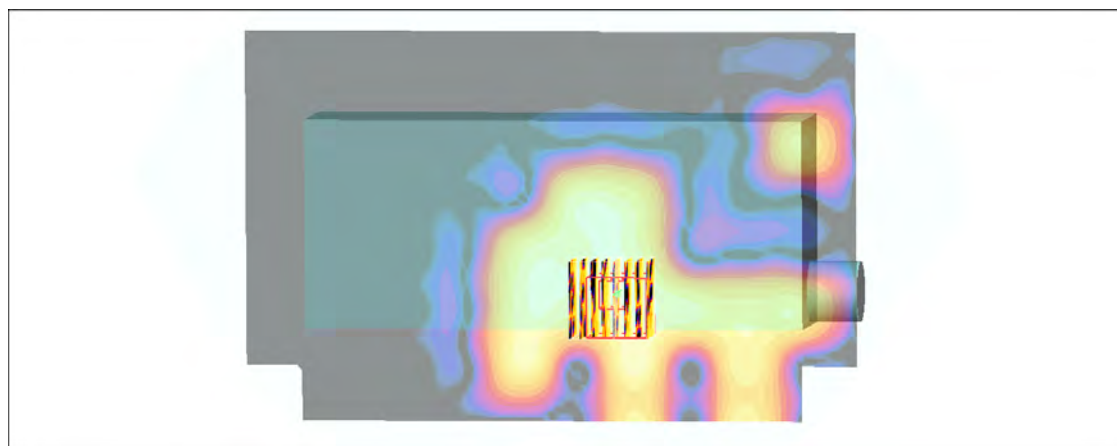
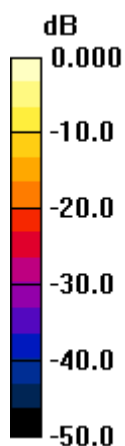
**#77 802.11a\_Back\_1.5cm\_Ch149\_Ant1\_Battery1\_Earphone****DUT: 132448**

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_110703 Medium parameters used :  $f = 5745 \text{ MHz}$ ;  $\sigma = 6.17 \text{ mho/m}$ ;  $\epsilon_r = 47.5$ ;  $\rho = 1000 \text{ kg/m}^3$ Ambient Temperature :  $22.4^\circ\text{C}$ ; Liquid Temperature :  $21.3^\circ\text{C}$ 

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.66, 3.66, 3.66); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- 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

**Ch149/Area Scan (141x221x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$ Maximum value of SAR (interpolated) =  $0.050 \text{ mW/g}$ **Ch149/Zoom Scan (8x8x10)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2.5\text{mm}$ Reference Value =  $0.840 \text{ V/m}$ ; Power Drift =  $-0.163 \text{ dB}$ Peak SAR (extrapolated) =  $0.094 \text{ W/kg}$ **SAR(1 g) =  $0.030 \text{ mW/g}$ ; SAR(10 g) =  $0.012 \text{ mW/g}$** Maximum value of SAR (measured) =  $0.061 \text{ mW/g}$ 0 dB =  $0.061 \text{ mW/g}$

**#78 802.11a\_Back\_1.5cm\_Ch161\_Ant1\_Battery1\_Earphone****DUT: 132448**

Communication System: 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_110703 Medium parameters used :  $f = 5805$  MHz;  $\sigma = 6.24$  mho/m;  $\epsilon_r = 47.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.66, 3.66, 3.66); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- 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

**Ch161/Area Scan (141x221x1):** Measurement grid: dx=10mm, dy=10mm

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

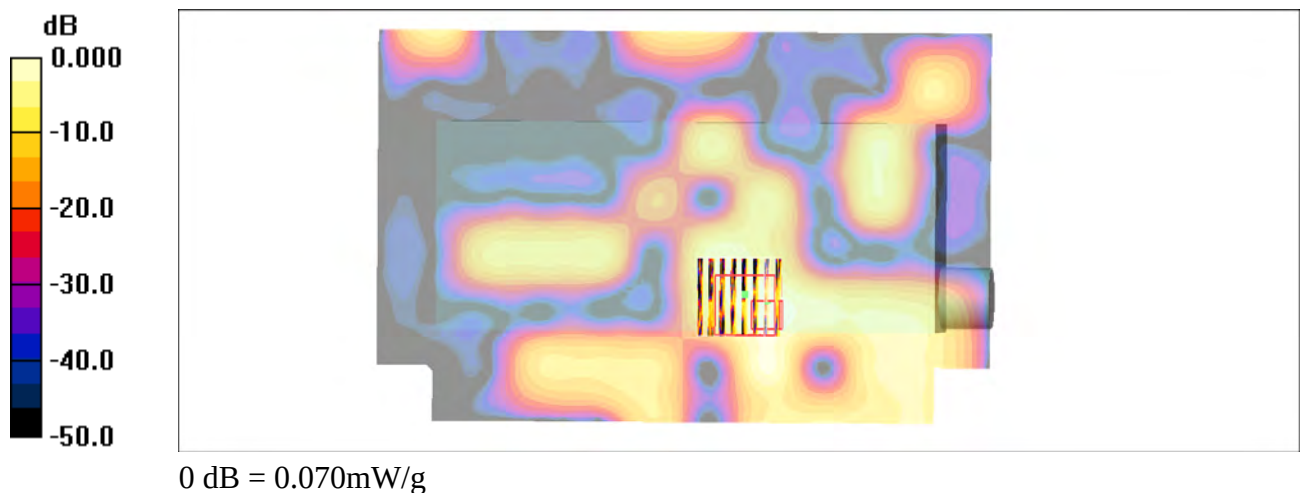
**Ch161/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.80 V/m; Power Drift = -0.178 dB

Peak SAR (extrapolated) = 0.179 W/kg

**SAR(1 g) = 0.038 mW/g; SAR(10 g) = 0.013 mW/g**

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





**#79 802.11a\_Back\_1.5cm\_Ch165\_Ant1\_Battery1\_Earphone****DUT: 132448**

Communication System: 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_110703 Medium parameters used :  $f = 5825$  MHz;  $\sigma = 6.28$  mho/m;  $\epsilon_r = 47.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.66, 3.66, 3.66); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- 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

**Ch165/Area Scan (141x221x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.203 mW/g

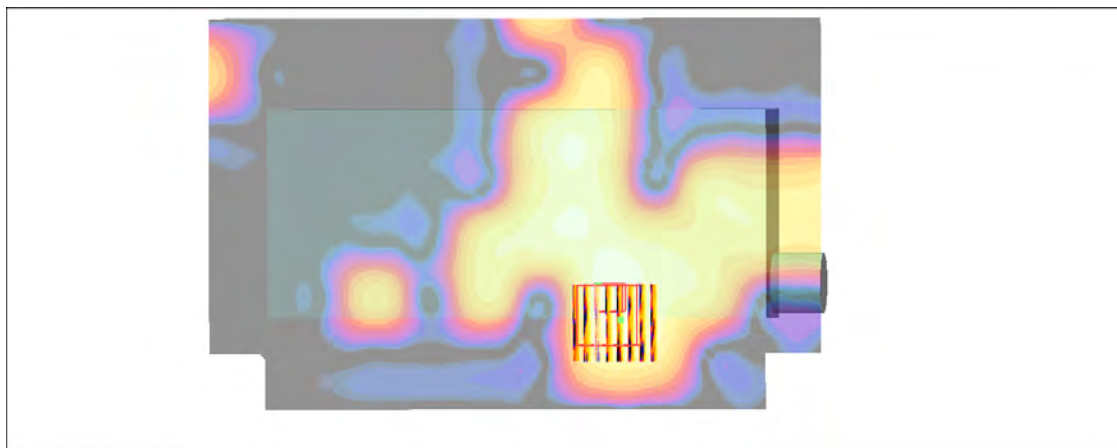
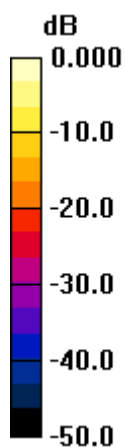
**Ch165/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.59 V/m; Power Drift = -0.122 dB

Peak SAR (extrapolated) = 0.852 W/kg

**SAR(1 g) = 0.120 mW/g; SAR(10 g) = 0.041 mW/g**

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



0 dB = 0.208mW/g



**#79 802.11a\_Back\_1.5cm\_Ch165\_Ant1\_Battery1\_Earphone\_2D****DUT: 132448**

Communication System: 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_110703 Medium parameters used :  $f = 5825$  MHz;  $\sigma = 6.28$  mho/m;  $\epsilon_r = 47.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.66, 3.66, 3.66); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- 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

**Ch165/Area Scan (141x221x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.203 mW/g

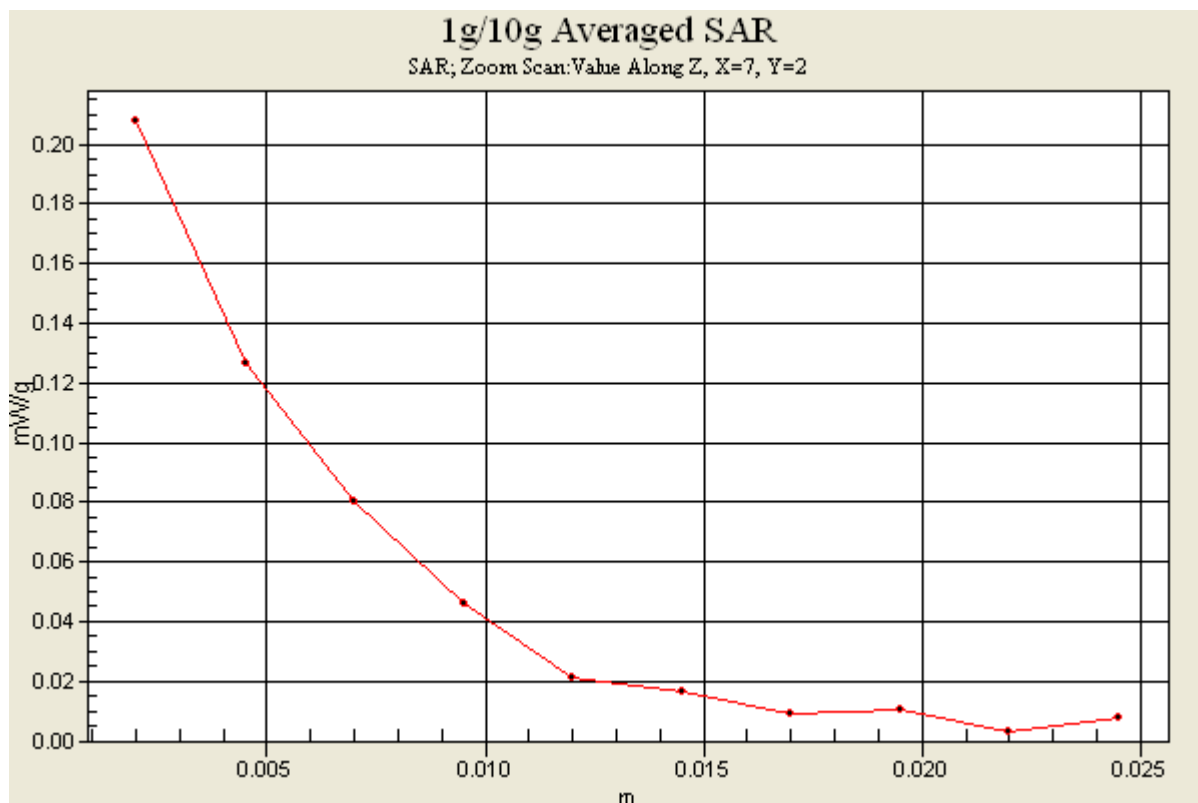
**Ch165/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.59 V/m; Power Drift = -0.122 dB

Peak SAR (extrapolated) = 0.852 W/kg

**SAR(1 g) = 0.120 mW/g; SAR(10 g) = 0.041 mW/g**

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



**#80 802.11a\_Back\_1.5cm\_Ch165\_Ant1\_Battery2\_Earphone****DUT: 132448**

Communication System: 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_110703 Medium parameters used :  $f = 5825$  MHz;  $\sigma = 6.28$  mho/m;  $\epsilon_r = 47.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.3 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.66, 3.66, 3.66); Calibrated: 2011/4/19
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- 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

**Ch165/Area Scan (141x221x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.119 mW/g

**Ch165/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.02 V/m; Power Drift = -0.101 dB

Peak SAR (extrapolated) = 0.281 W/kg

**SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.015 mW/g**

Maximum value of SAR (measured) = 0.088 mW/g

