

**#01 Wimax2600\_QPSK1-2\_Front Face\_0.5cm\_Ch2\_5M\_Ant0\_Battery1\_Earphone**

**DUT: 112806**

Communication System: Wimax; Frequency: 2687.5 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110426 Medium parameters used :  $f = 2687.5$  MHz;  $\sigma = 2.21$  mho/m;  $\epsilon_r = 53.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 ; Liquid Temperature : 21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch2/Area Scan (71x121x1):** Measurement grid: dx=20mm, dy=20mm

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

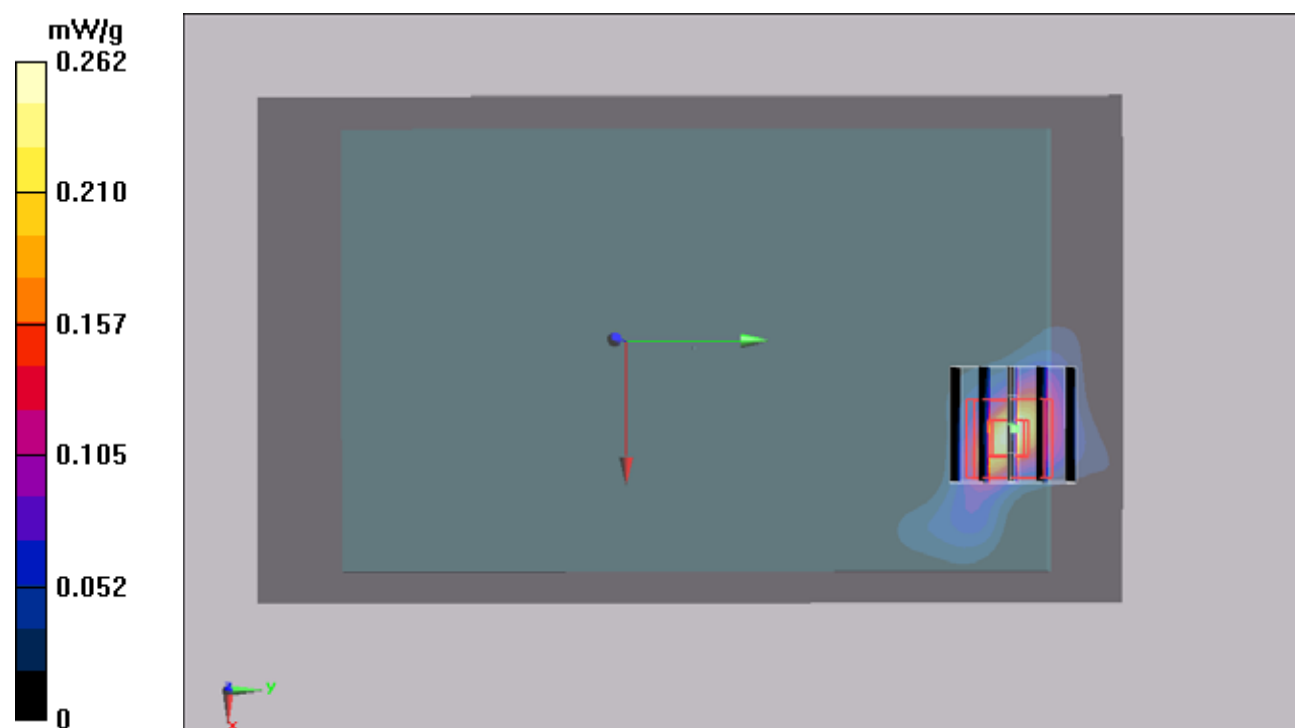
**Ch2/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.810 V/m; Power Drift = -0.007 dB

Peak SAR (extrapolated) = 0.581 W/kg

**SAR(1 g) = 0.249 mW/g; SAR(10 g) = 0.104 mW/g**

Maximum value of SAR (measured) = 0.259 mW/g



**#02 Wimax2600\_QPSK1-2\_Rear Face\_0.5cm\_Ch2\_5M\_Ant0\_Battery1\_Earphone**

**DUT: 112806**

Communication System: Wimax; Frequency: 2687.5 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110426 Medium parameters used:  $f = 2687.5$  MHz;  $\sigma = 2.21$  mho/m;  $\epsilon_r = 53.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 ; Liquid Temperature : 21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch2/Area Scan (71x121x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.099 mW/g

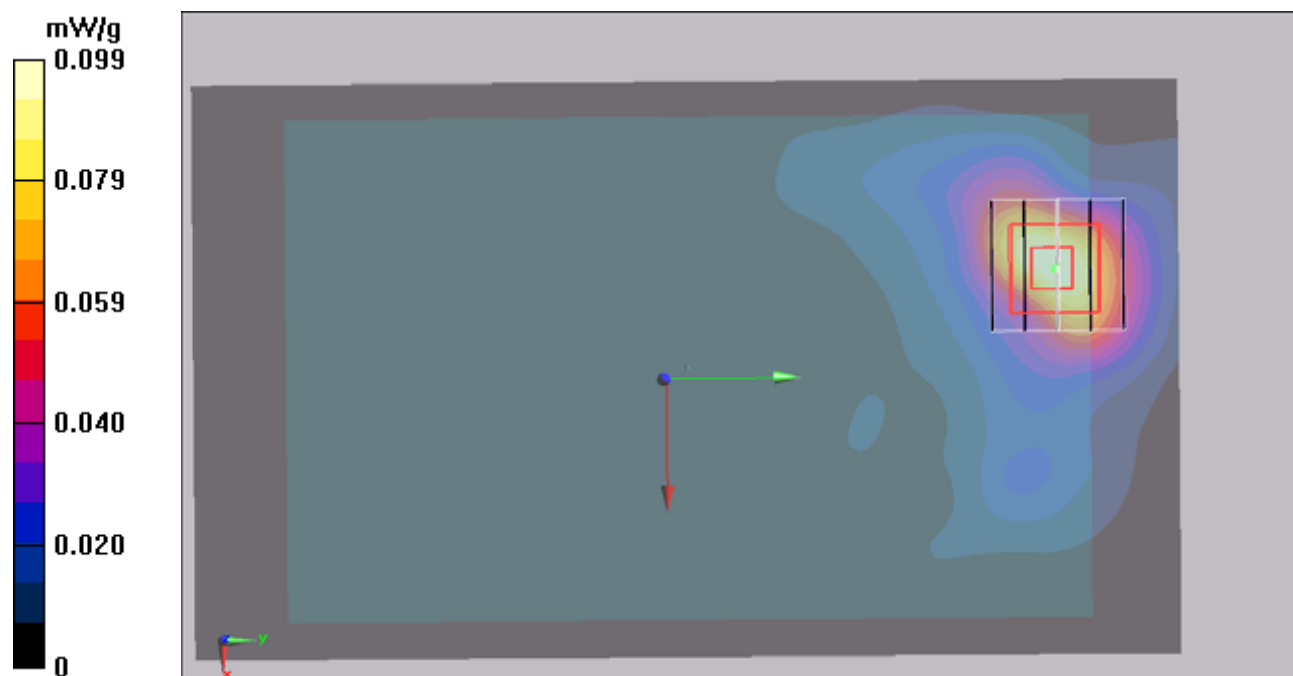
**Ch2/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.05 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.217 W/kg

**SAR(1 g) = 0.116 mW/g; SAR(10 g) = 0.052 mW/g**

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



**#04 Wimax2600\_QPSK1-2\_Top Side\_0.5cm\_Ch2\_5M\_Ant0\_Battery1**

**DUT: 112806**

Communication System: Wimax; Frequency: 2687.5 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110426 Medium parameters used:  $f = 2687.5$  MHz;  $\sigma = 2.21$  mho/m;  $\epsilon_r = 53.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 ; Liquid Temperature : 21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch2/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.289 mW/g

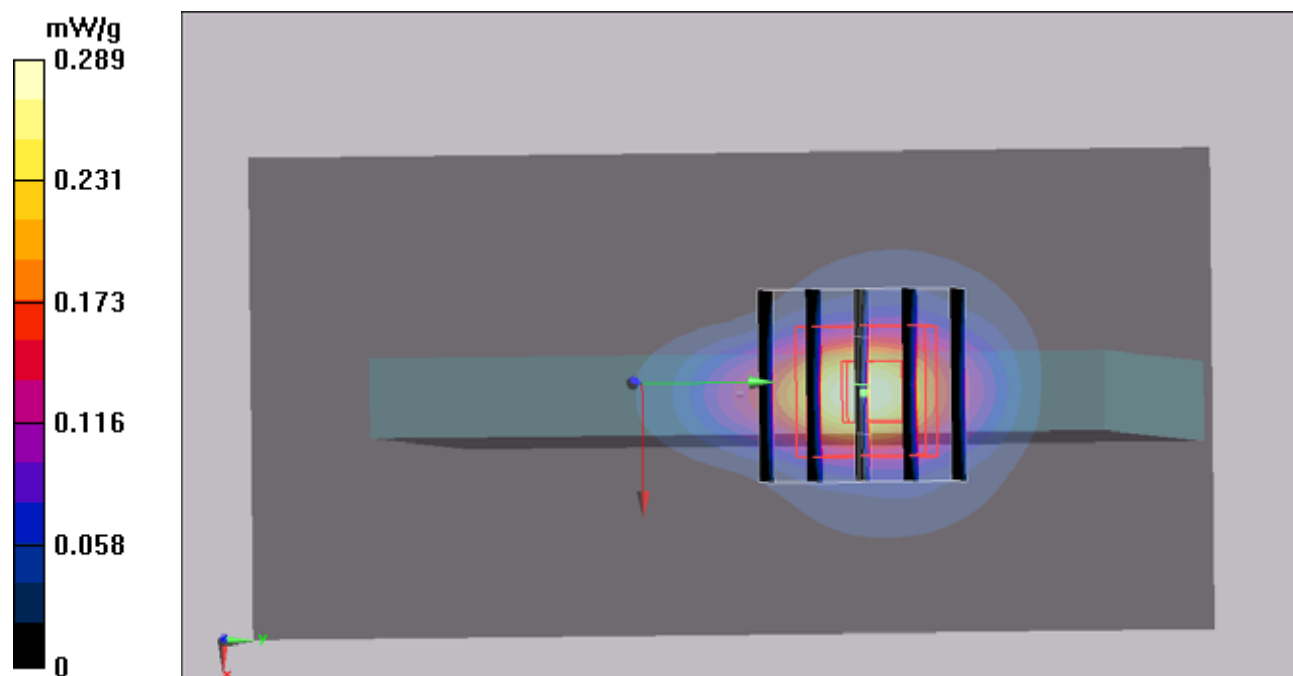
**Ch2/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.26 V/m; Power Drift = -0.095 dB

Peak SAR (extrapolated) = 0.595 W/kg

**SAR(1 g) = 0.264 mW/g; SAR(10 g) = 0.114 mW/g**

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



**#04 Wimax2600\_QPSK1-2\_Top Side\_0.5cm\_Ch2\_5M\_Ant0\_Battery1\_2D**

**DUT: 112806**

Communication System: Wimax; Frequency: 2687.5 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110426 Medium parameters used:  $f = 2687.5$  MHz;  $\sigma = 2.21$  mho/m;  $\epsilon_r = 53.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 ; Liquid Temperature : 21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch2/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.289 mW/g

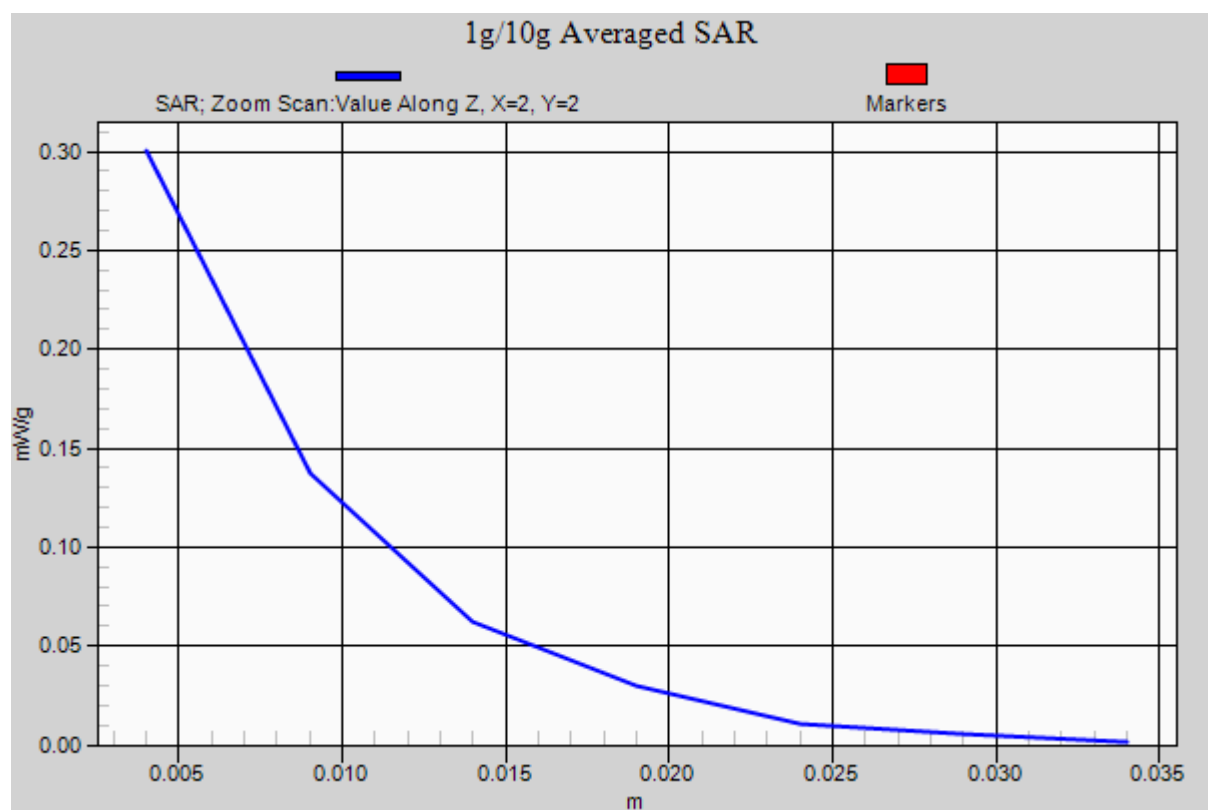
**Ch2/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.26 V/m; Power Drift = -0.095 dB

Peak SAR (extrapolated) = 0.595 W/kg

**SAR(1 g) = 0.264 mW/g; SAR(10 g) = 0.114 mW/g**

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



**#05 Wimax2600\_QPSK1-2\_Right Side\_0.5cm\_Ch2\_5M\_Ant0\_Battery1\_Earphonda5**

**DUT: 112806**

Communication System: Wimax; Frequency: 2687.5 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110426 Medium parameters used:  $f = 2687.5$  MHz;  $\sigma = 2.21$  mho/m;  $\epsilon_r = 53.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.6 ; Liquid Temperature : 21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch2/Area Scan (41x91x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.00976 mW/g

**Ch2/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.38 V/m; Power Drift = -0.112dB

Peak SAR (extrapolated) = 0.016 W/kg

**SAR(1 g) = 0.00885 mW/g; SAR(10 g) = 0.00385 mW/g**

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

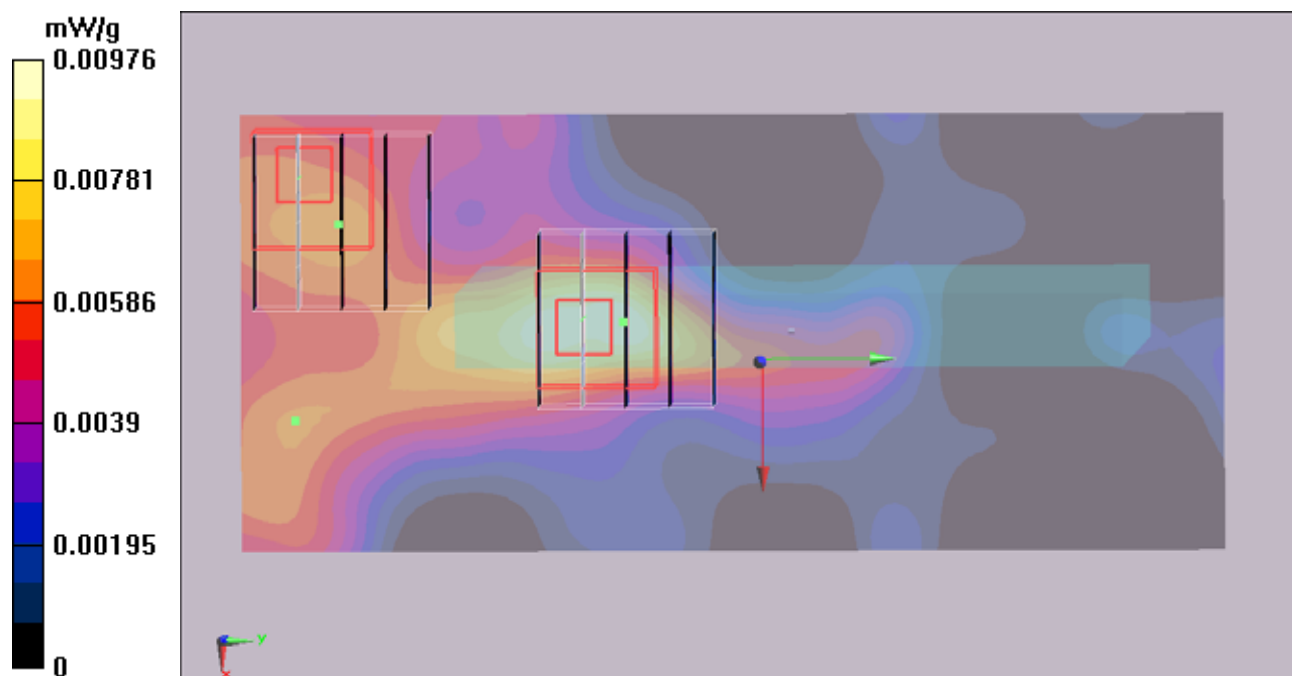
**Ch2/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.38 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.035 W/kg

**SAR(1 g) = 0.00779 mW/g; SAR(10 g) = 0.00321 mW/g**

Maximum value of SAR (measured) = 0.00781 mW/g



**#06 Wimax2600\_QPSK1-2\_Left Side\_0.5cm\_Ch2\_5M\_Ant0\_Battery1\_Earphone**

**DUT: 112806**

Communication System: Wimax; Frequency: 2687.5 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110426 Medium parameters used :  $f = 2687.5$  MHz;  $\sigma = 2.21$  mho/m;  $\epsilon_r = 53.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 ; Liquid Temperature : 21.6

DASY5 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch2/Area Scan (41x111x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.00494 mW/g

**Ch2/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.697 V/m; Power Drift = -0.126 dB

Peak SAR (extrapolated) = 0.020 W/kg

**SAR(1 g) = 0.00365 mW/g; SAR(10 g) = 0.00119 mW/g**

Maximum value of SAR (measured) = 0.00378 mW/g

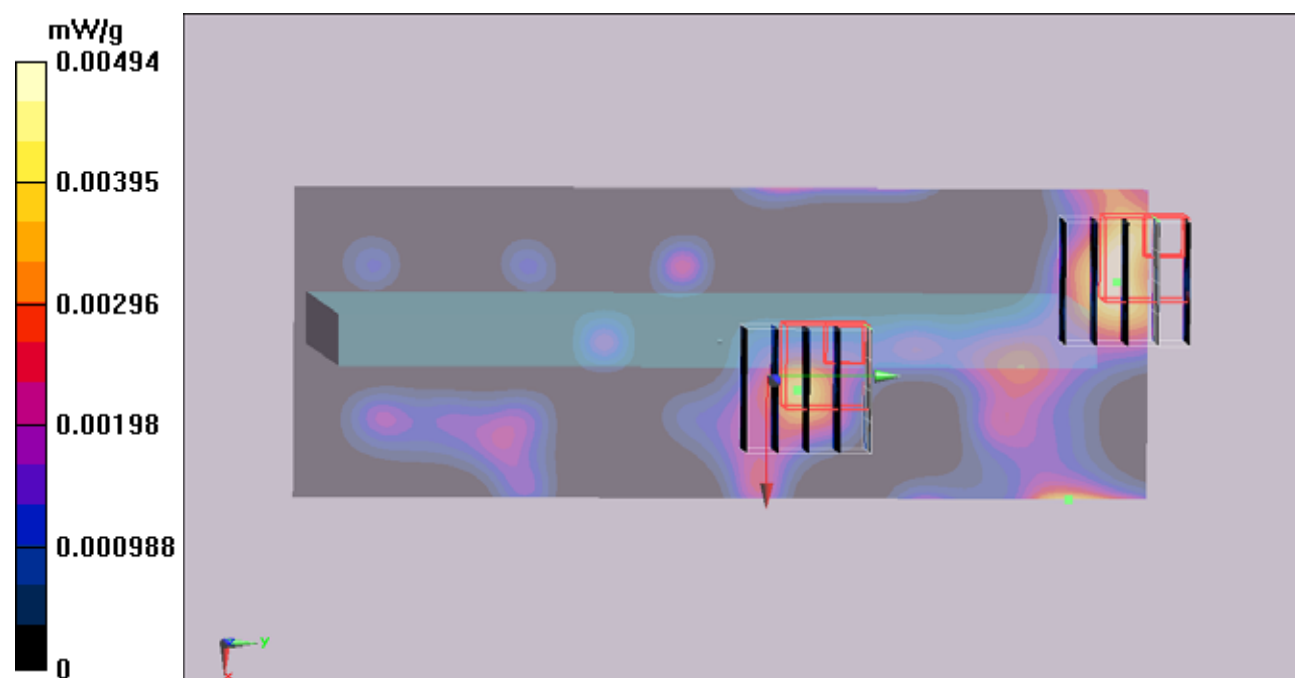
**Ch2/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.697 V/m; Power Drift = -0.126 dB

Peak SAR (extrapolated) = 0.00803 W/kg

**SAR(1 g) = 0.000734 mW/g; SAR(10 g) = 0.00011 mW/g**

Maximum value of SAR (measured) = 0.00238 mW/g



**#100 Wimax2600\_QPSK1-2\_Top Side\_0.5cm\_Ch2\_5M\_Ant0\_Battery2**

**DUT: 112806**

Communication System: Wimax; Frequency: 2687.5 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110426 Medium parameters used:  $f = 2687.5$  MHz;  $\sigma = 2.21$  mho/m;  $\epsilon_r = 53.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.3 ; Liquid Temperature : 21.3

DASY5 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch2/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

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

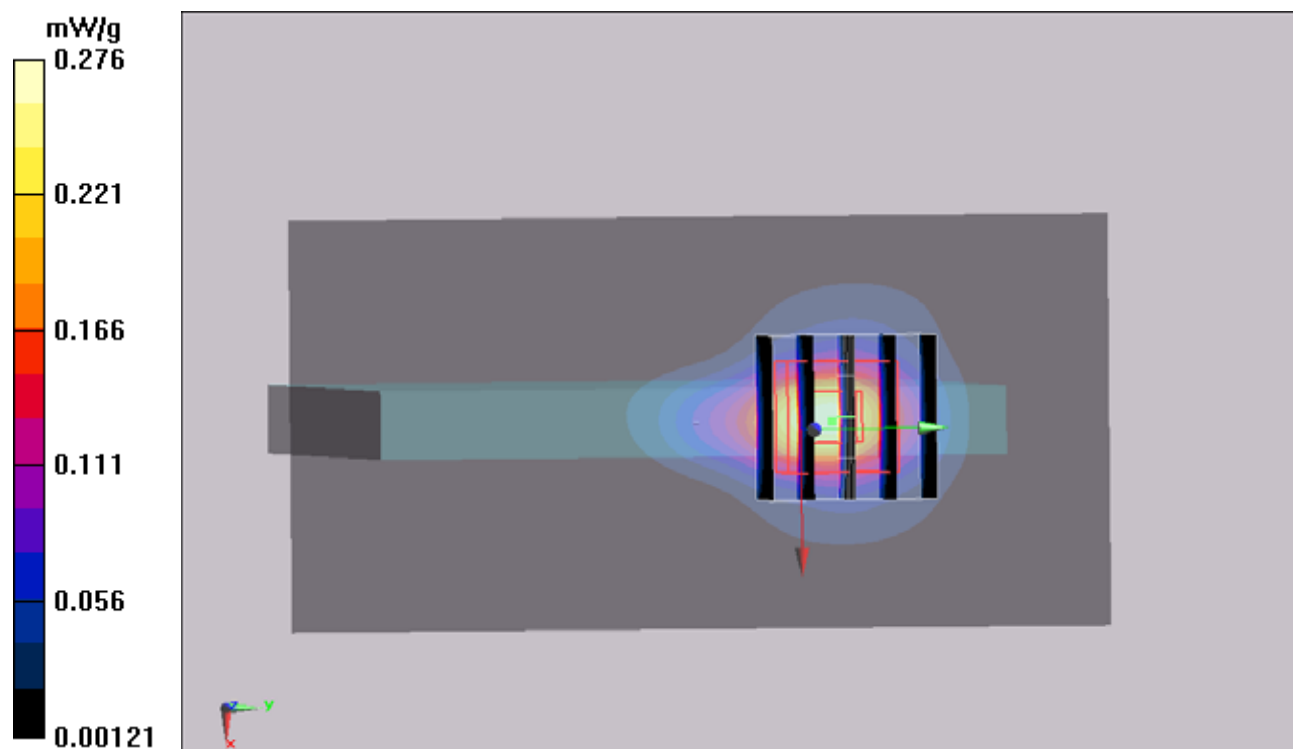
**Ch2/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.17 V/m; Power Drift = -0.110 dB

Peak SAR (extrapolated) = 0.570 W/kg

**SAR(1 g) = 0.252 mW/g; SAR(10 g) = 0.109 mW/g**

Maximum value of SAR (measured) = 0.290 mW/g



**#07 Wimax2600\_QPSK1-2\_Front Face\_0.5cm\_Ch1\_5M\_Ant1\_Battery1\_Earphone**

**DUT: 112806**

Communication System: Wimax; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110428 Medium parameters used:  $f = 2593 \text{ MHz}$ ;  $\sigma = 2.16 \text{ mho/m}$ ;  $\epsilon_r = 53.8$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 21.8 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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 (71x121x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.399 mW/g

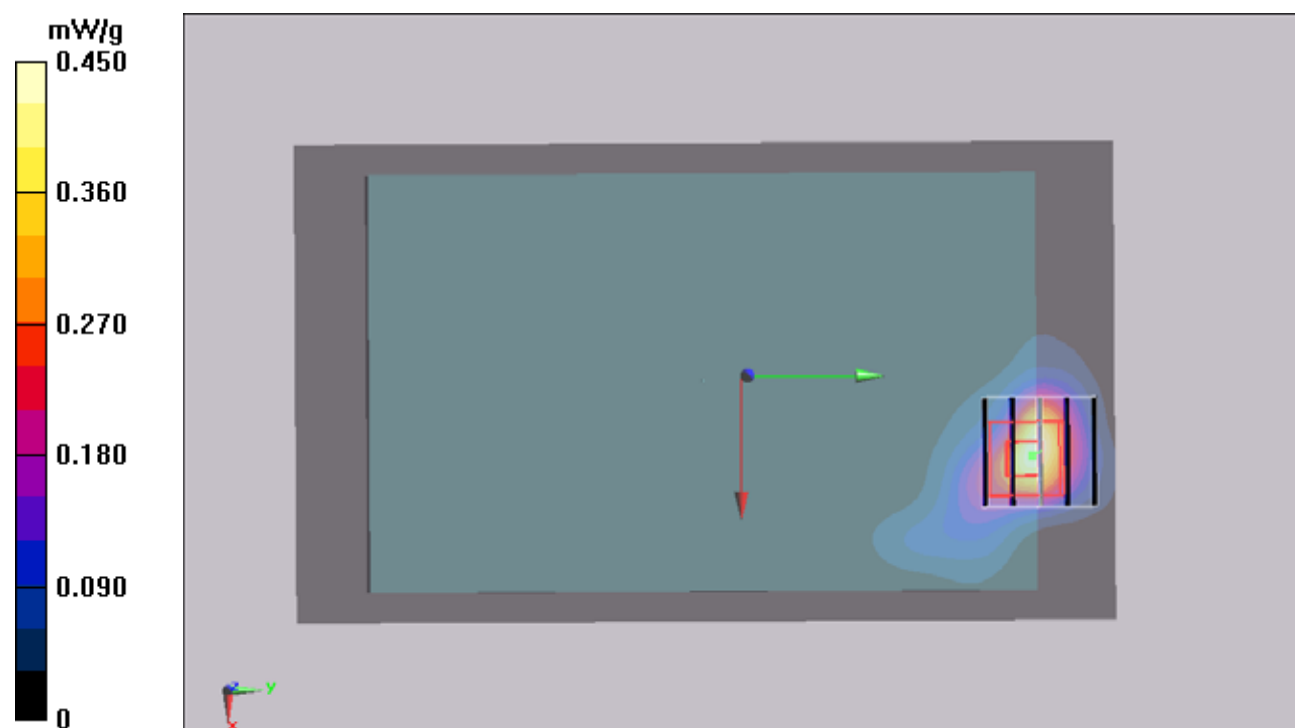
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 2.13 V/m; Power Drift = -0.063 dB

Peak SAR (extrapolated) = 0.786 W/kg

**SAR(1 g) = 0.316 mW/g; SAR(10 g) = 0.137 mW/g**

Maximum value of SAR (measured) = 0.327 mW/g



## #07 Wimax2600\_QPSK1-2\_Front Face\_0.5cm\_Ch1\_5M\_Ant1\_Battery1\_Earphone\_2D

**DUT: 112806**

Communication System: Wimax; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110428 Medium parameters used:  $f = 2593$  MHz;  $\sigma = 2.16$  mho/m;  $\epsilon_r = 53.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.8 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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 (71x121x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.399 mW/g

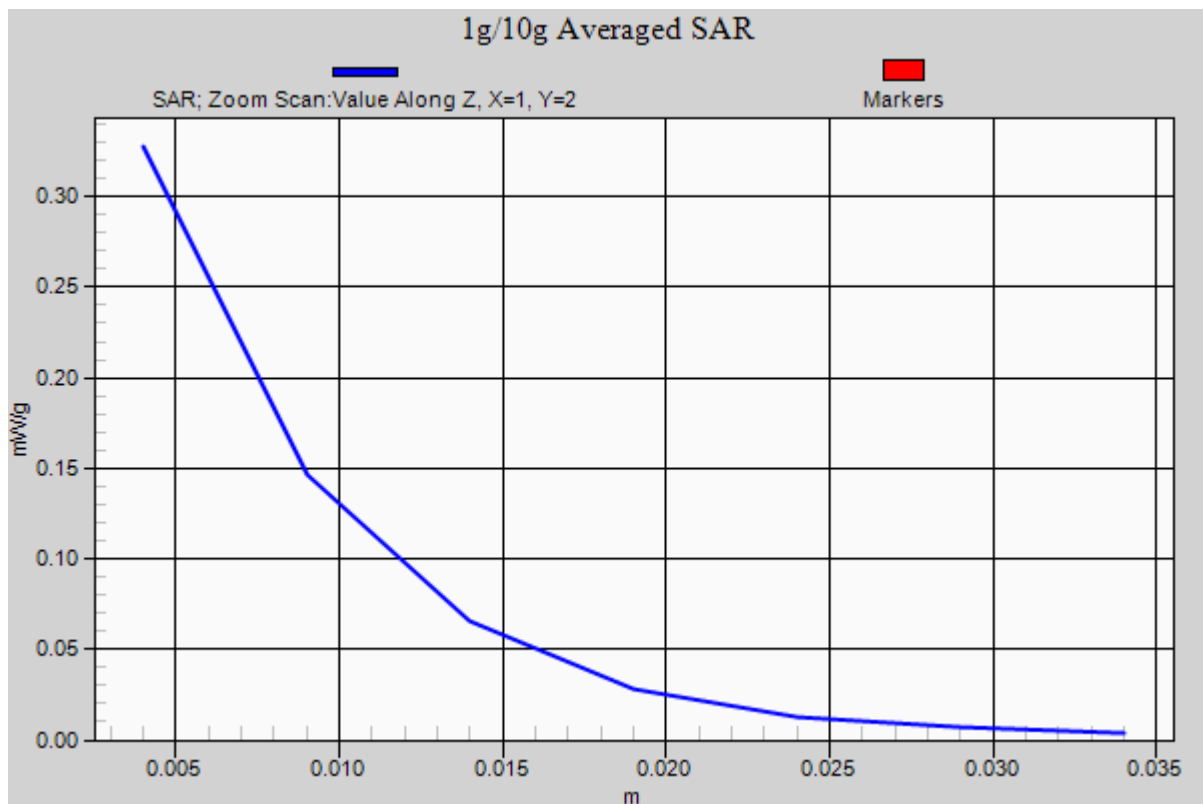
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.13 V/m; Power Drift = -0.063 dB

Peak SAR (extrapolated) = 0.786 W/kg

**SAR(1 g) = 0.316 mW/g; SAR(10 g) = 0.137 mW/g**

Maximum value of SAR (measured) = 0.327 mW/g



**#08 Wimax2600\_QPSK1-2\_Rear Face\_0.5cm\_Ch1\_5M\_Ant1\_Battery1\_Earphone**

**DUT: 112806**

Communication System: Wimax; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110426 Medium parameters used:  $f = 2593 \text{ MHz}$ ;  $\sigma = 2.16 \text{ mho/m}$ ;  $\epsilon_r = 53.8$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $22.5^\circ\text{C}$ ; Liquid Temperature :  $21.4^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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 (71x121x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) =  $0.212 \text{ mW/g}$

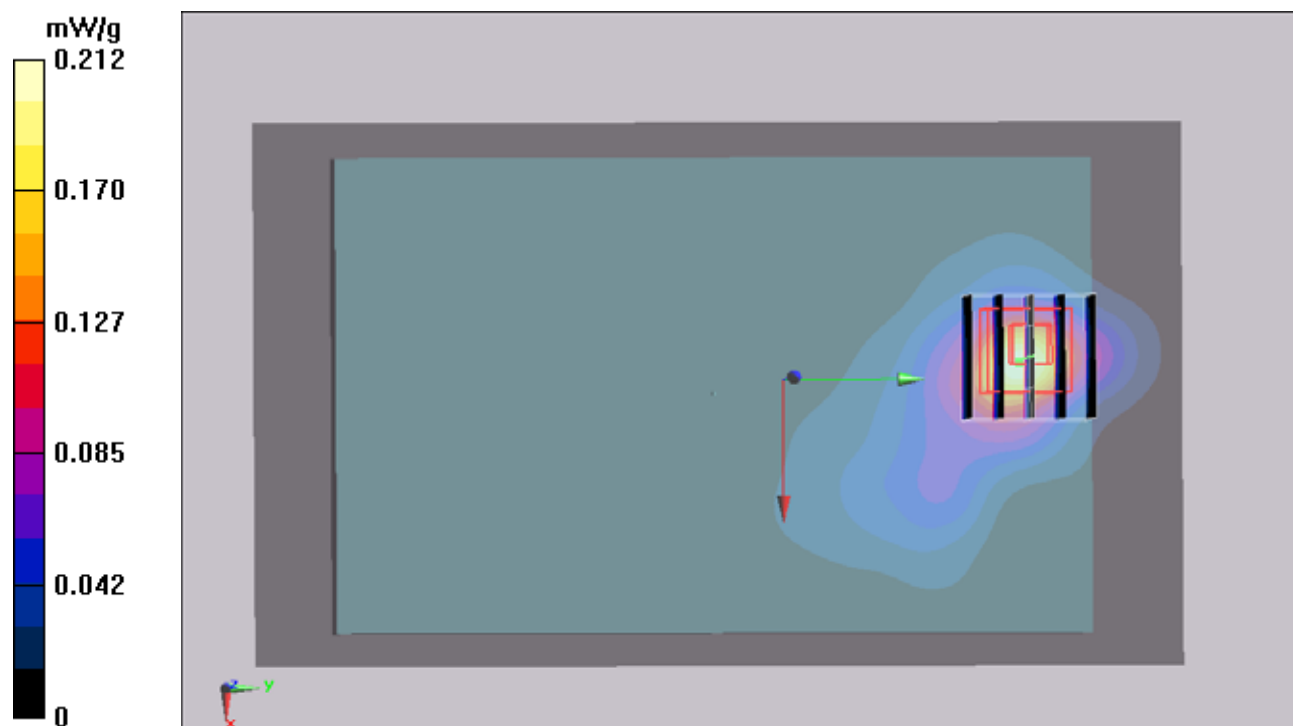
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $1.12 \text{ V/m}$ ; Power Drift =  $-0.139 \text{ dB}$

Peak SAR (extrapolated) =  $0.444 \text{ W/kg}$

**SAR(1 g) =  $0.192 \text{ mW/g}$ ; SAR(10 g) =  $0.087 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.195 \text{ mW/g}$



**#10 Wimax2600\_QPSK1-2\_Top Side\_0.5cm\_Ch1\_5M\_Ant1\_Battery1**

**DUT: 112806**

Communication System: Wimax; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110426 Medium parameters used:  $f = 2593 \text{ MHz}$ ;  $\sigma = 2.16 \text{ mho/m}$ ;  $\epsilon_r = 53.8$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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 (41x81x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.090 mW/g

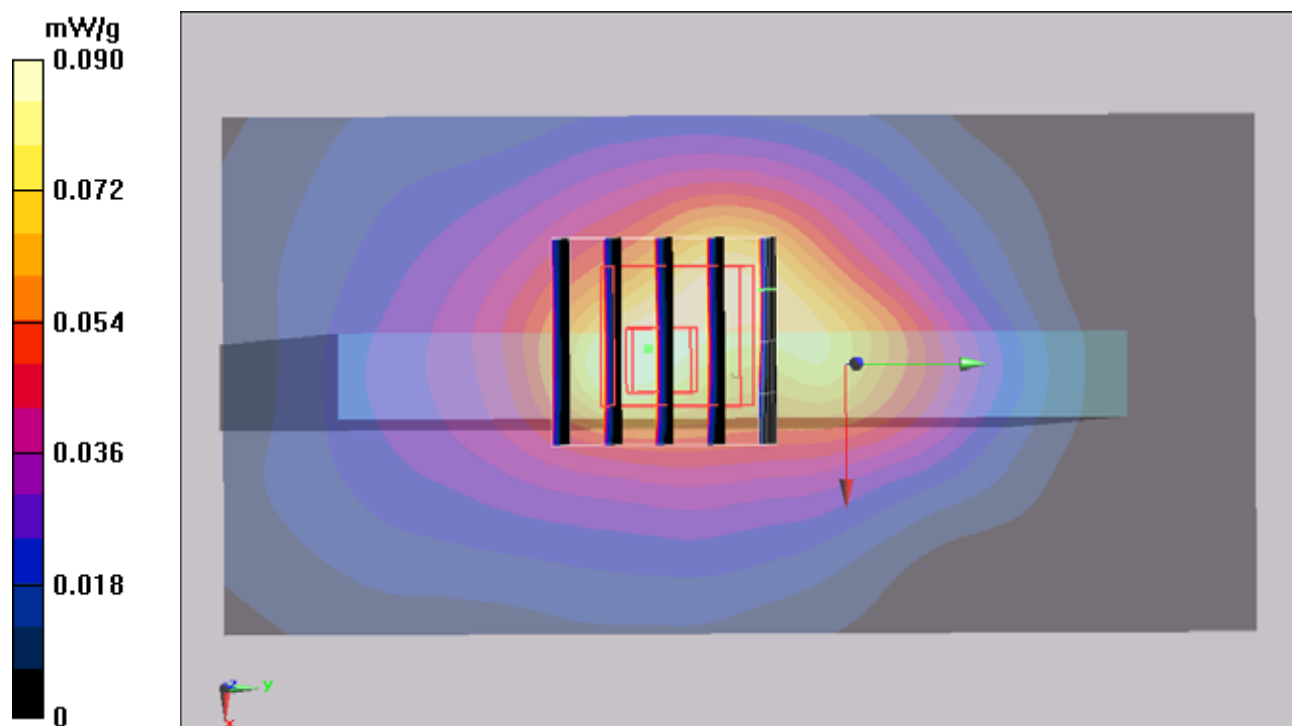
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 5.75 V/m; Power Drift = 0.083 dB

Peak SAR (extrapolated) = 0.192 W/kg

**SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.043 mW/g**

Maximum value of SAR (measured) = 0.098 mW/g



**#11 Wimax2600\_QPSK1-2\_Right Side\_0.5cm\_Ch1\_5M\_Ant1\_Battery1\_Earphone**

**DUT: 112806**

Communication System: Wimax; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110426 Medium parameters used:  $f = 2593$  MHz;  $\sigma = 2.16$  mho/m;  $\epsilon_r = 53.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.00617 mW/g

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

Reference Value = 1.16 V/m; Power Drift = 0.149 dB

Peak SAR (extrapolated) = 0.015 W/kg

**SAR(1 g) = 0.00518 mW/g; SAR(10 g) = 0.00209 mW/g**

Maximum value of SAR (measured) = 0.0063 mW/g

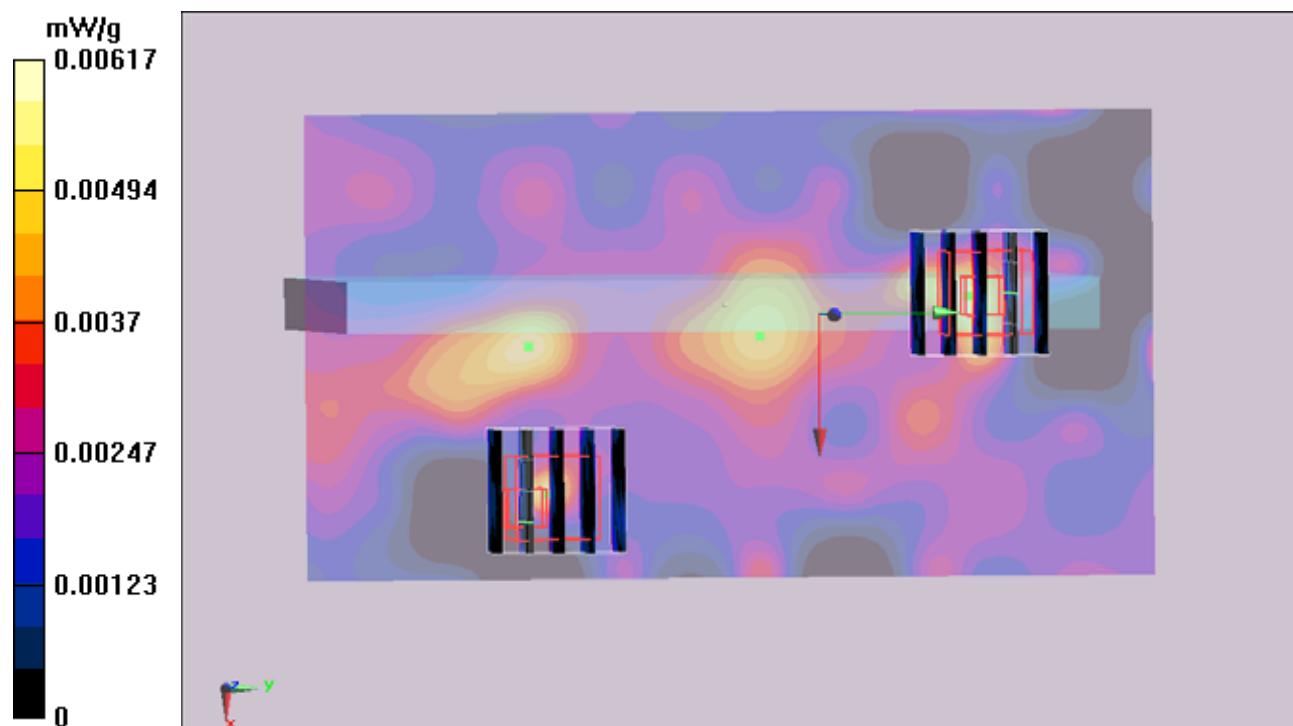
**Ch1/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.16 V/m; Power Drift = 0.149 dB

Peak SAR (extrapolated) = 0.018 W/kg

**SAR(1 g) = 0.00379 mW/g; SAR(10 g) = 0.0014 mW/g**

Maximum value of SAR (measured) = 0.00459 mW/g



**#12 Wimax2600\_QPSK1-2\_Left Side\_0.5cm\_Ch1\_5M\_Ant1\_Battery1\_Earphone**

**DUT: 112806**

Communication System: Wimax; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110426 Medium parameters used:  $f = 2593 \text{ MHz}$ ;  $\sigma = 2.16 \text{ mho/m}$ ;  $\epsilon_r = 53.8$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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 (41x111x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.014 mW/g

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

Reference Value = 0.961 V/m; Power Drift = -0.131 dB

Peak SAR (extrapolated) = 0.017 W/kg

**SAR(1 g) = 0.00998 mW/g; SAR(10 g) = 0.00471 mW/g**

Maximum value of SAR (measured) = 0.014 mW/g

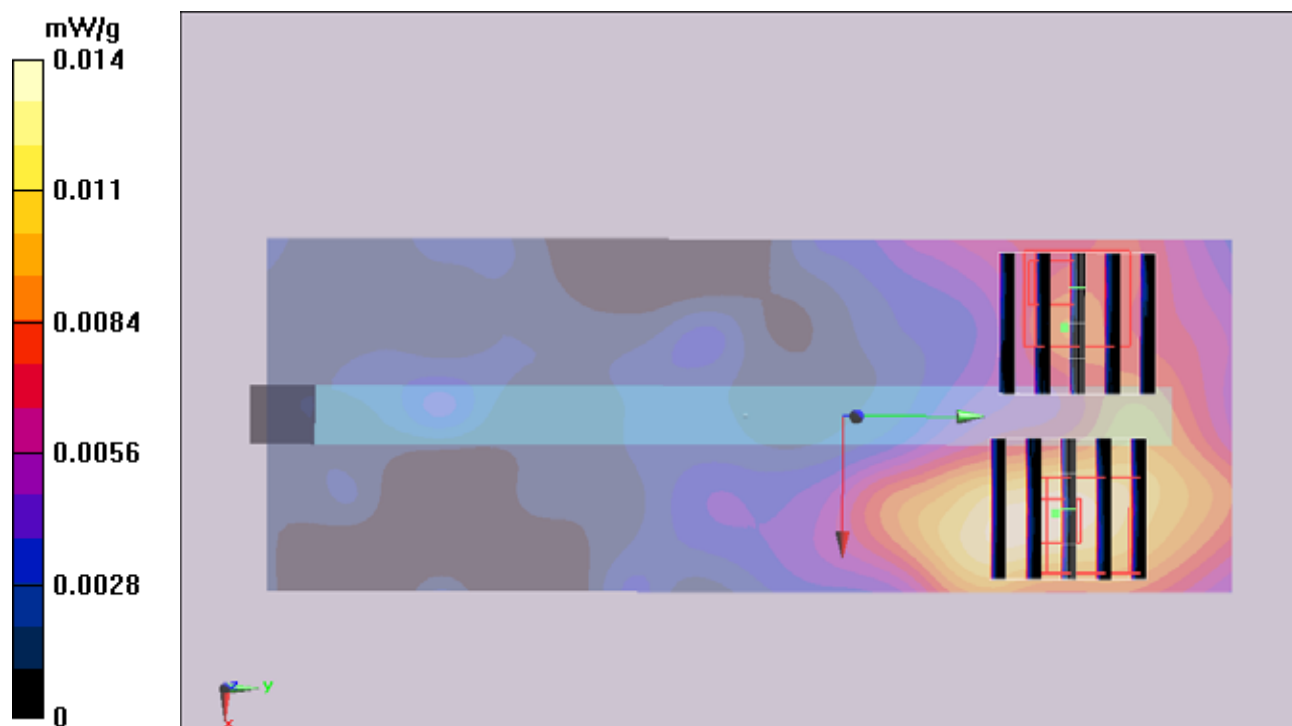
**Ch1/Zoom Scan (5x5x7)/Cube 1:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 0.961 V/m; Power Drift = -0.131 dB

Peak SAR (extrapolated) = 0.028 W/kg

**SAR(1 g) = 0.00898 mW/g; SAR(10 g) = 0.0039 mW/g**

Maximum value of SAR (measured) = 0.0096 mW/g



**#34 Wimax2600\_QPSK1-2\_Front Face\_0.5cm\_Ch1\_5M\_Ant1\_Battery2\_Earphone**

**DUT: 112806**

Communication System: Wimax; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110428 Medium parameters used:  $f = 2593 \text{ MHz}$ ;  $\sigma = 2.16 \text{ mho/m}$ ;  $\epsilon_r = 53.8$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 21.8 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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 (71x121x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.396 mW/g

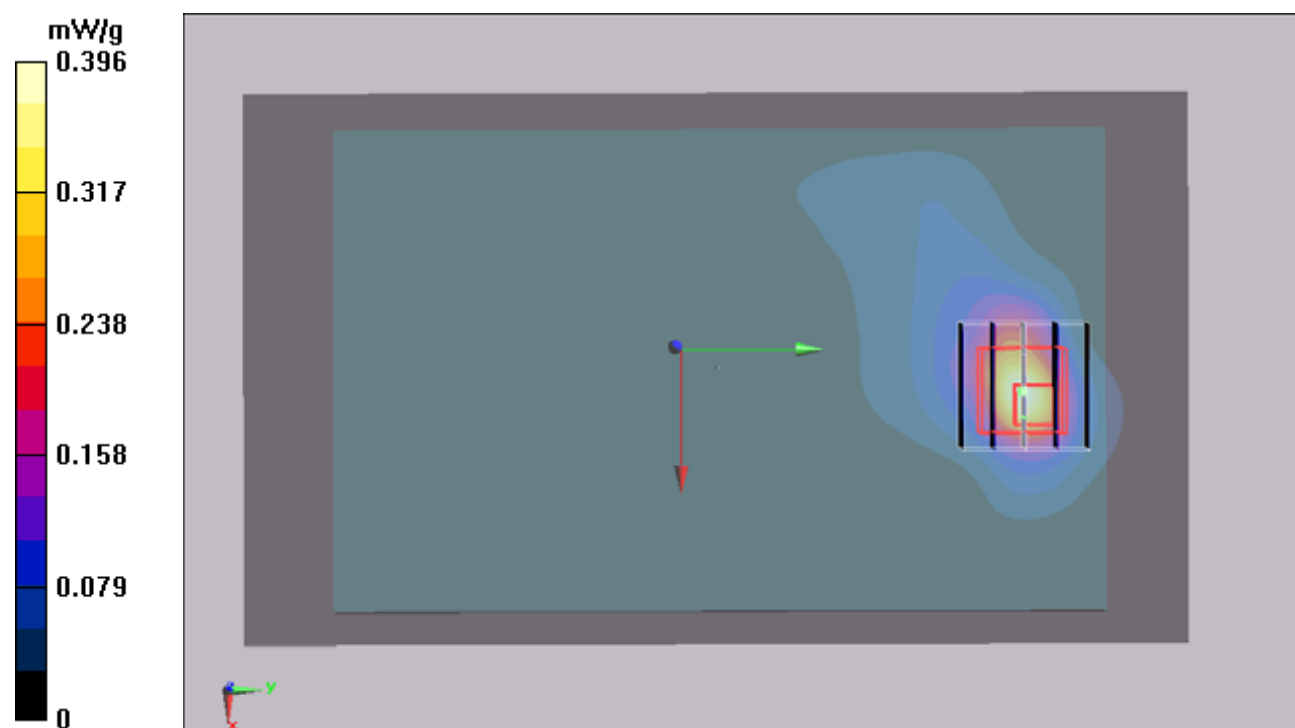
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 2.18 V/m; Power Drift = -0.0667 dB

Peak SAR (extrapolated) = 0.769 W/kg

**SAR(1 g) = 0.314 mW/g; SAR(10 g) = 0.136 mW/g**

Maximum value of SAR (measured) = 0.326 mW/g



**#18 Wimax2600\_QPSK1-2\_Front Face\_0.5cm\_Ch0\_10M\_Ant0\_Battery1\_Earphone**

**DUT: 112806**

Communication System: Wimax; Frequency: 2501 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110428 Medium parameters used:  $f = 2501$  MHz;  $\sigma = 2.06$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.8 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch0/Area Scan (71x121x1):** Measurement grid: dx=20mm, dy=20mm

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

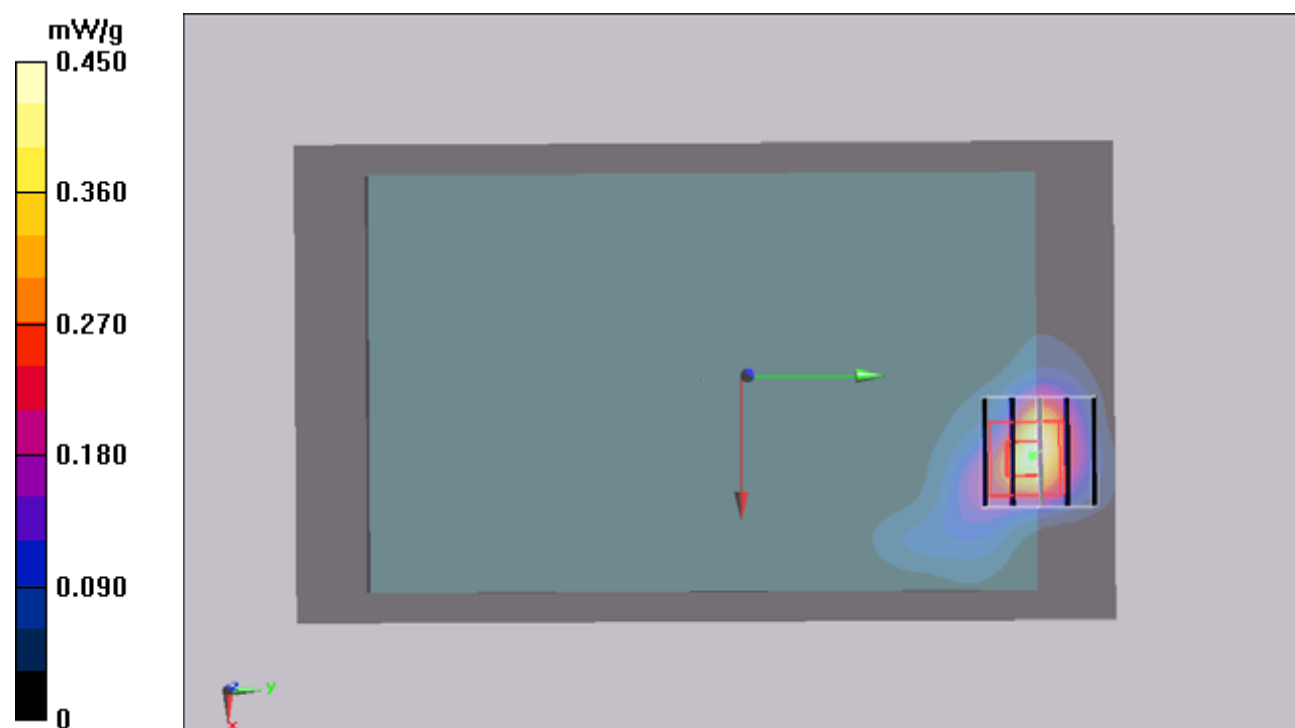
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.32 V/m; Power Drift = -0.089 dB

Peak SAR (extrapolated) = 1.27 W/kg

**SAR(1 g) = 0.546 mW/g; SAR(10 g) = 0.226 mW/g**

Maximum value of SAR (measured) = 0.555 mW/g



**#19 Wimax2600\_QPSK1-2\_Rear Face\_0.5cm\_Ch0\_10M\_Ant0\_Battery1\_Earphone**

**DUT: 112806**

Communication System: Wimax; Frequency: 2501 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110428 Medium parameters used:  $f = 2501$  MHz;  $\sigma = 2.06$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.8 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch0/Area Scan (71x121x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.163 mW/g

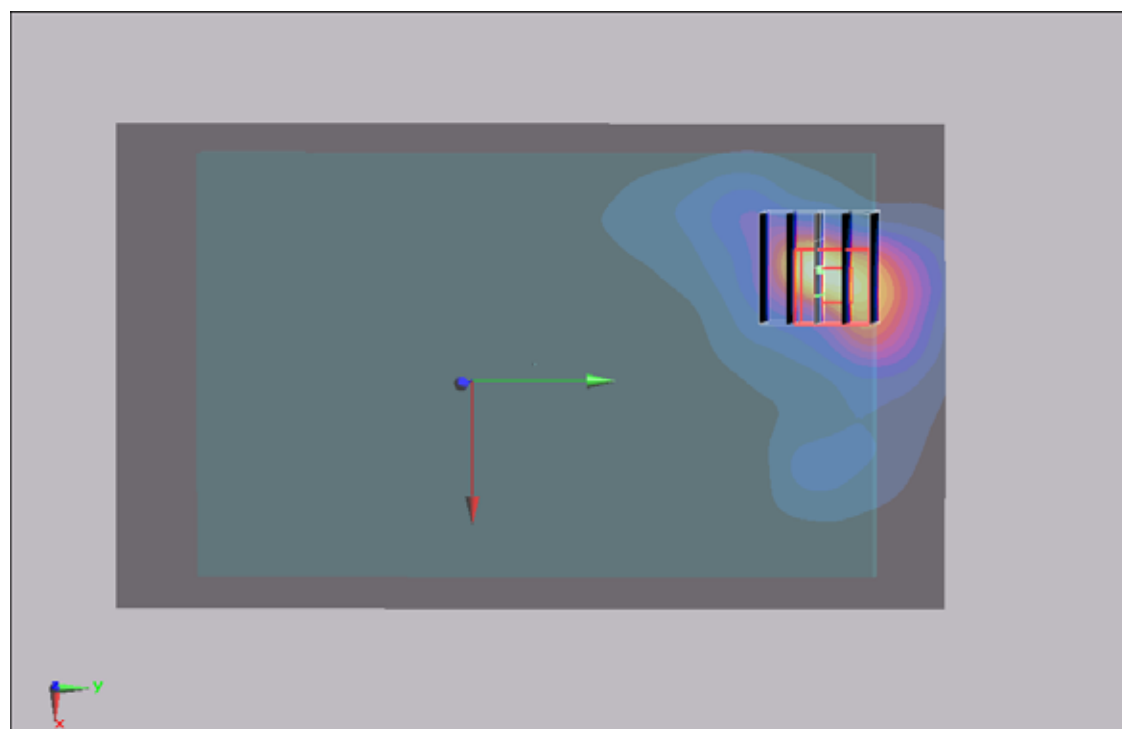
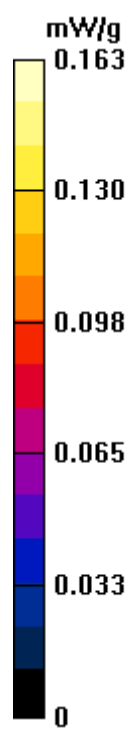
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.05 V/m; Power Drift = 0.013 dB

Peak SAR (extrapolated) = 0.469 W/kg

**SAR(1 g) = 0.214 mW/g; SAR(10 g) = 0.094 mW/g**

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



**#21 Wimax2600\_QPSK1-2\_Top Side\_0.5cm\_Ch0\_10M\_Ant0\_Battery1**

**DUT: 112806**

Communication System: Wimax; Frequency: 2501 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110428 Medium parameters used:  $f = 2501$  MHz;  $\sigma = 2.06$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.8 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch0/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

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

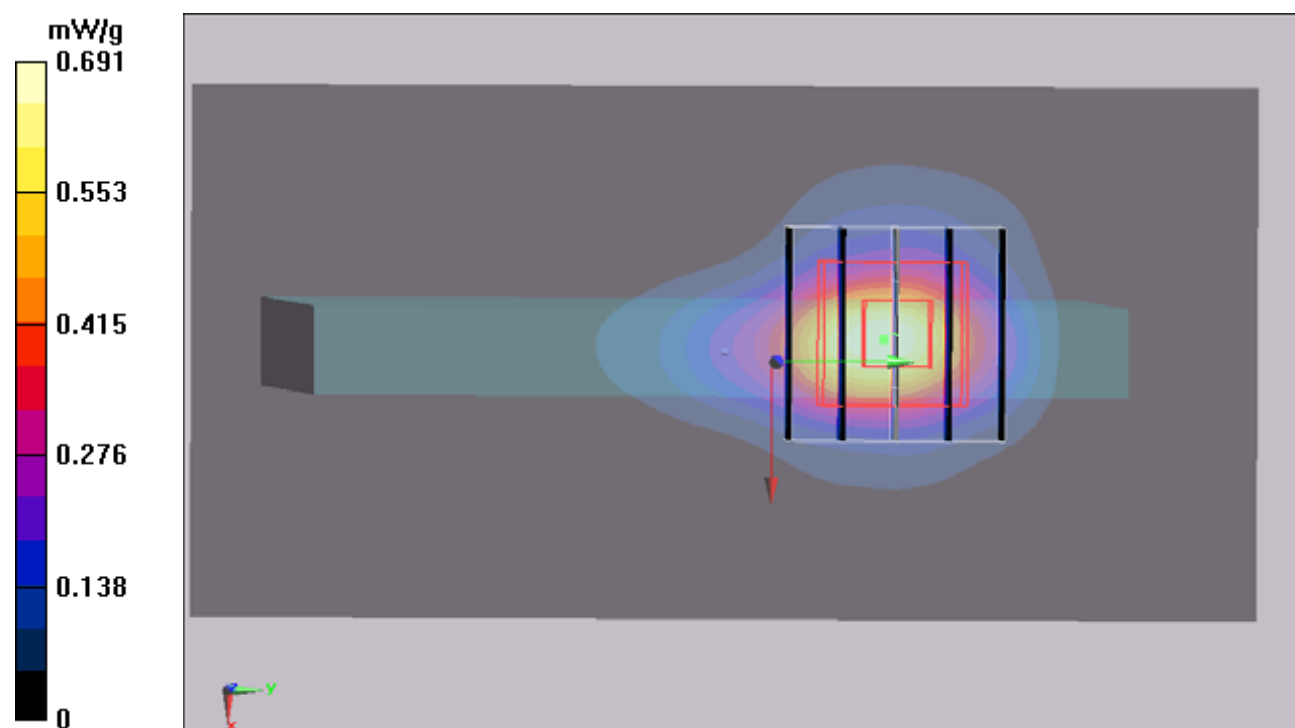
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.3 V/m; Power Drift = 0.000754 dB

Peak SAR (extrapolated) = 1.58 W/kg

**SAR(1 g) = 0.704 mW/g; SAR(10 g) = 0.303 mW/g**

Maximum value of SAR (measured) = 0.814 mW/g



**#21 Wimax2600\_QPSK1-2\_Top Side\_0.5cm\_Ch0\_10M\_Ant0\_Battery1\_2D**

**DUT: 112806**

Communication System: Wimax; Frequency: 2501 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110428 Medium parameters used:  $f = 2501$  MHz;  $\sigma = 2.06$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.8 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch0/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

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

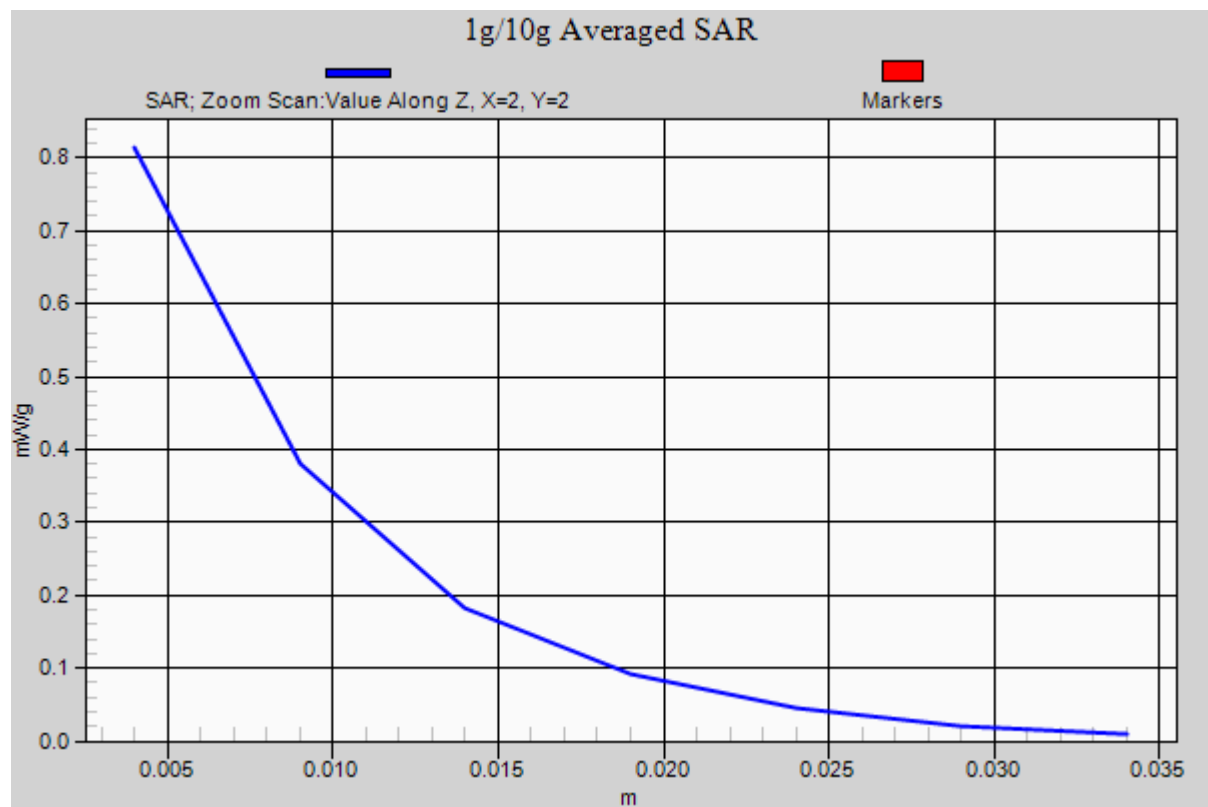
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.3 V/m; Power Drift = 0.000754 dB

Peak SAR (extrapolated) = 1.58 W/kg

**SAR(1 g) = 0.704 mW/g; SAR(10 g) = 0.303 mW/g**

Maximum value of SAR (measured) = 0.814 mW/g



**#22 Wimax2600\_QPSK1-2\_Right Side\_0.5cm\_Ch0\_10M\_Ant0\_Battery1\_Earphone**

**DUT: 112806**

Communication System: Wimax; Frequency: 2501 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110428 Medium parameters used:  $f = 2501$  MHz;  $\sigma = 2.06$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 21.8 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch0/Area Scan (61x111x1):** Measurement grid: dx=20mm, dy=20mm

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

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

Reference Value = 1.17 V/m; Power Drift = 0.071

Peak SAR (extrapolated) = 0.026 W/kg

**SAR(1 g) = 0.00575 mW/g; SAR(10 g) = 0.00241 mW/g**

Maximum value of SAR (measured) = 0.00584 mW/g

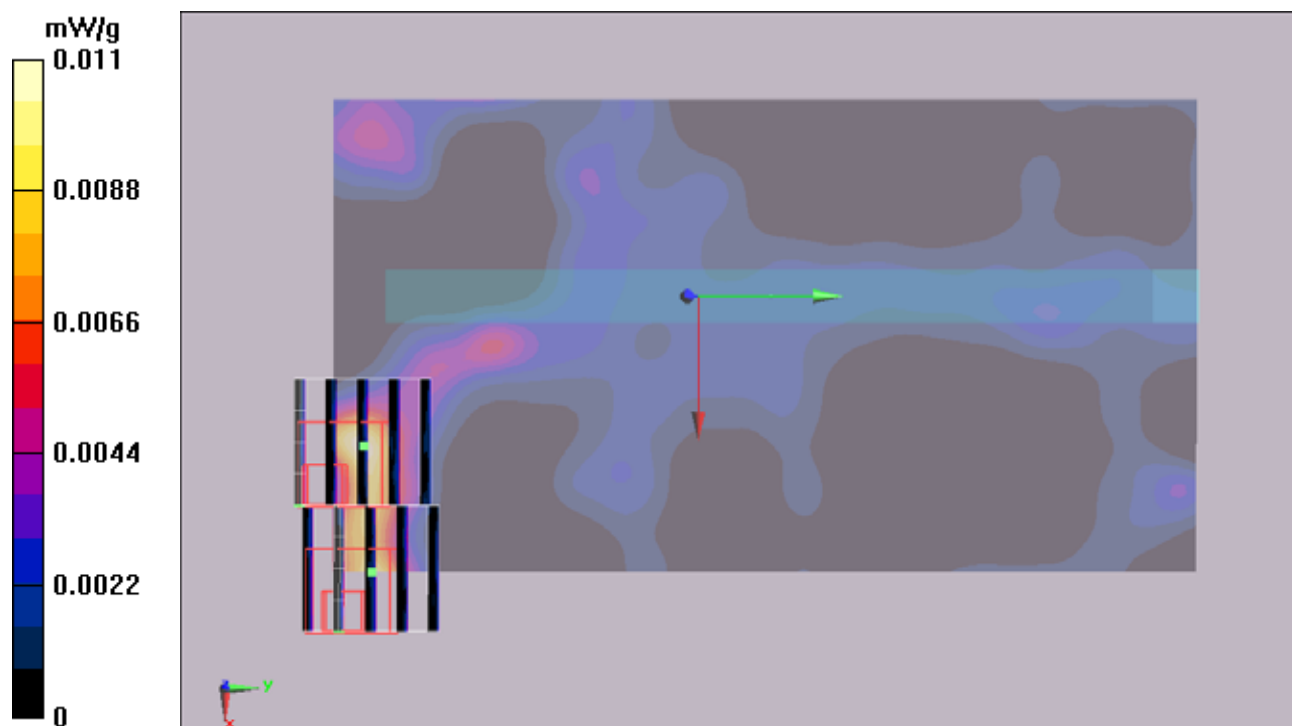
**Ch0/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.17 V/m; Power Drift = 0.071

Peak SAR (extrapolated) = 0.019 W/kg

**SAR(1 g) = 0.0055 mW/g; SAR(10 g) = 0.00234 mW/g**

Maximum value of SAR (measured) = 0.00629 mW/g



**#23 Wimax2600\_QPSK1-2\_Left Side\_0.5cm\_Ch0\_10M\_Ant0\_Battery1\_Earphone**

**DUT: 112806**

Communication System: Wimax; Frequency: 2501 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110428 Medium parameters used:  $f = 2501$  MHz;  $\sigma = 2.06$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch0/Area Scan (61x111x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.00541 mW/g

**Ch0/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.729 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.012 W/kg

**SAR(1 g) = 0.00228 mW/g; SAR(10 g) = 0.000746 mW/g**

Maximum value of SAR (measured) = 0.003 mW/g

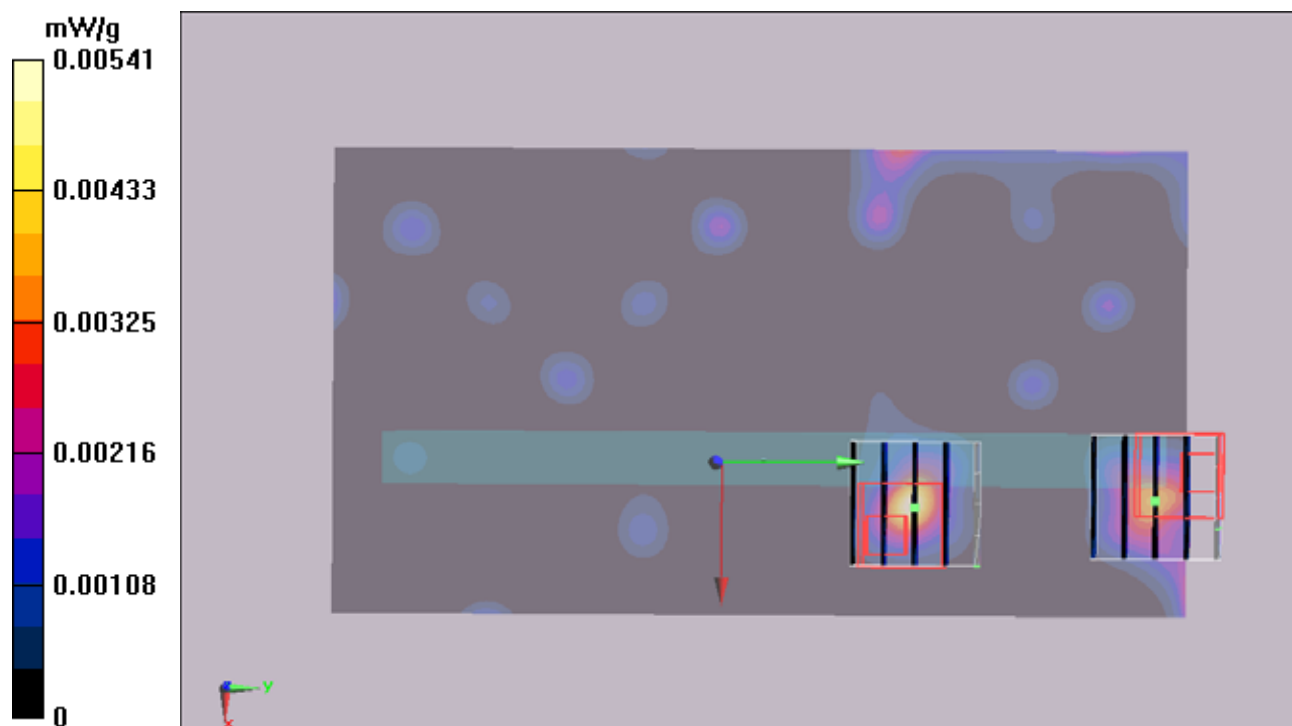
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.729 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.0089 W/kg

**SAR(1 g) = 0.00181 mW/g; SAR(10 g) = 0.000355 mW/g**

Maximum value of SAR (measured) = 0.00335 mW/g



**#35 Wimax2600\_QPSK1-2\_Top Side\_0.5cm\_Ch1\_10M\_Ant0\_Battery1**

**DUT: 112806**

Communication System: Wimax; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110428 Medium parameters used:  $f = 2593 \text{ MHz}$ ;  $\sigma = 2.16 \text{ mho/m}$ ;  $\epsilon_r = 53.8$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 ; Liquid Temperature : 22.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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 (41x81x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

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

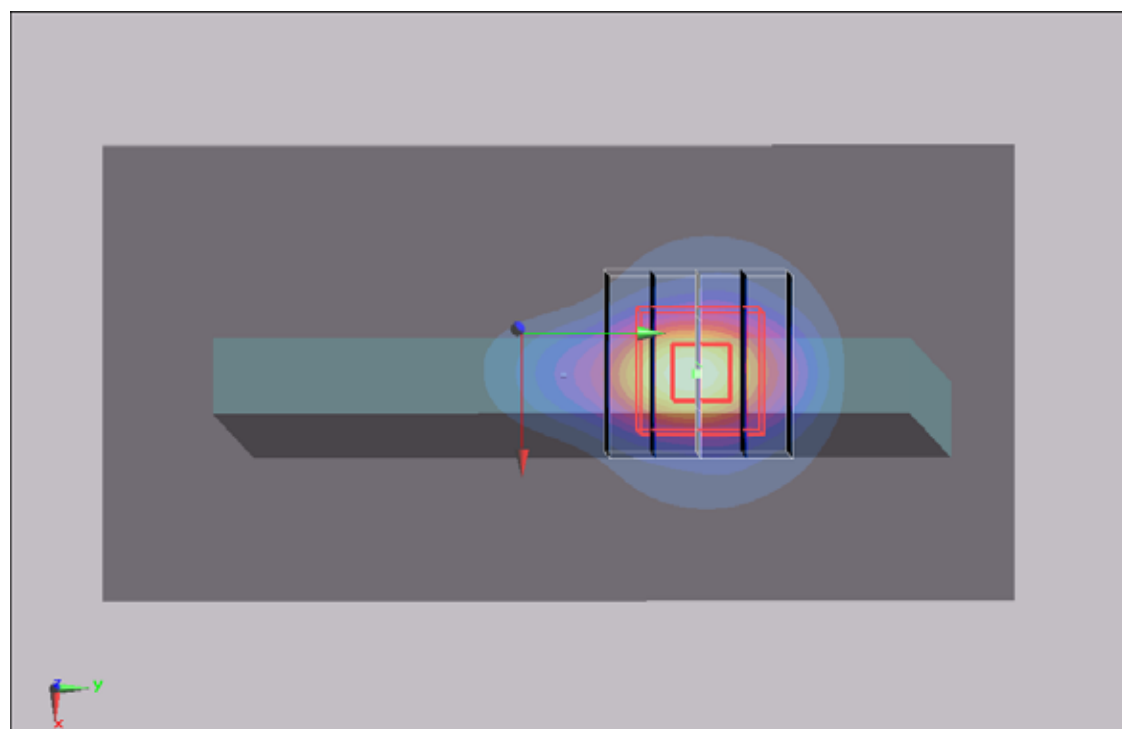
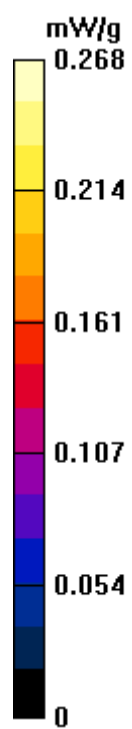
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 5.99 V/m; Power Drift = -0.157 dB

Peak SAR (extrapolated) = 0.534 W/kg

**SAR(1 g) = 0.249 mW/g; SAR(10 g) = 0.107 mW/g**

Maximum value of SAR (measured) = 0.292 mW/g



**#36 Wimax2600\_QPSK1-2\_Top Side\_0.5cm\_Ch2\_10M\_Ant0\_Battery1**

**DUT: 112806**

Communication System: Wimax; Frequency: 2685 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110428 Medium parameters used:  $f = 2685 \text{ MHz}$ ;  $\sigma = 2.21 \text{ mho/m}$ ;  $\epsilon_r = 53.6$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch2/Area Scan (41x81x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.237 mW/g

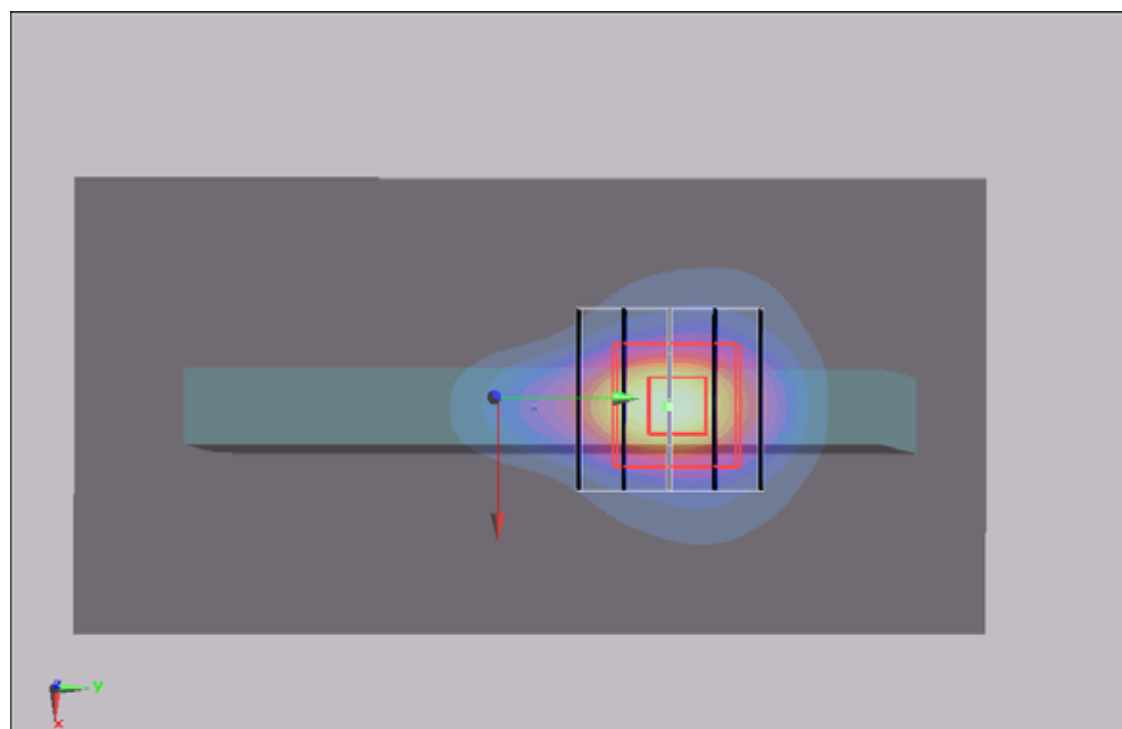
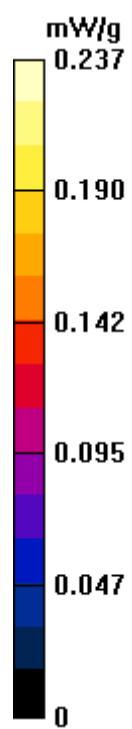
**Ch2/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 5.81 V/m; Power Drift = -0.086 dB

Peak SAR (extrapolated) = 0.484 W/kg

**SAR(1 g) = 0.221 mW/g; SAR(10 g) = 0.095 mW/g**

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



**#37 Wimax2600\_16QAM1-2\_Top Side\_0.5cm\_Ch0\_10M\_Ant0\_Battery1**

**DUT: 112806**

Communication System: Wimax; Frequency: 2501 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110428 Medium parameters used:  $f = 2501 \text{ MHz}$ ;  $\sigma = 2.06 \text{ mho/m}$ ;  $\epsilon_r = 54$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $22.5^\circ\text{C}$ ; Liquid Temperature :  $21.4^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch0/Area Scan (41x81x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) =  $0.695 \text{ mW/g}$

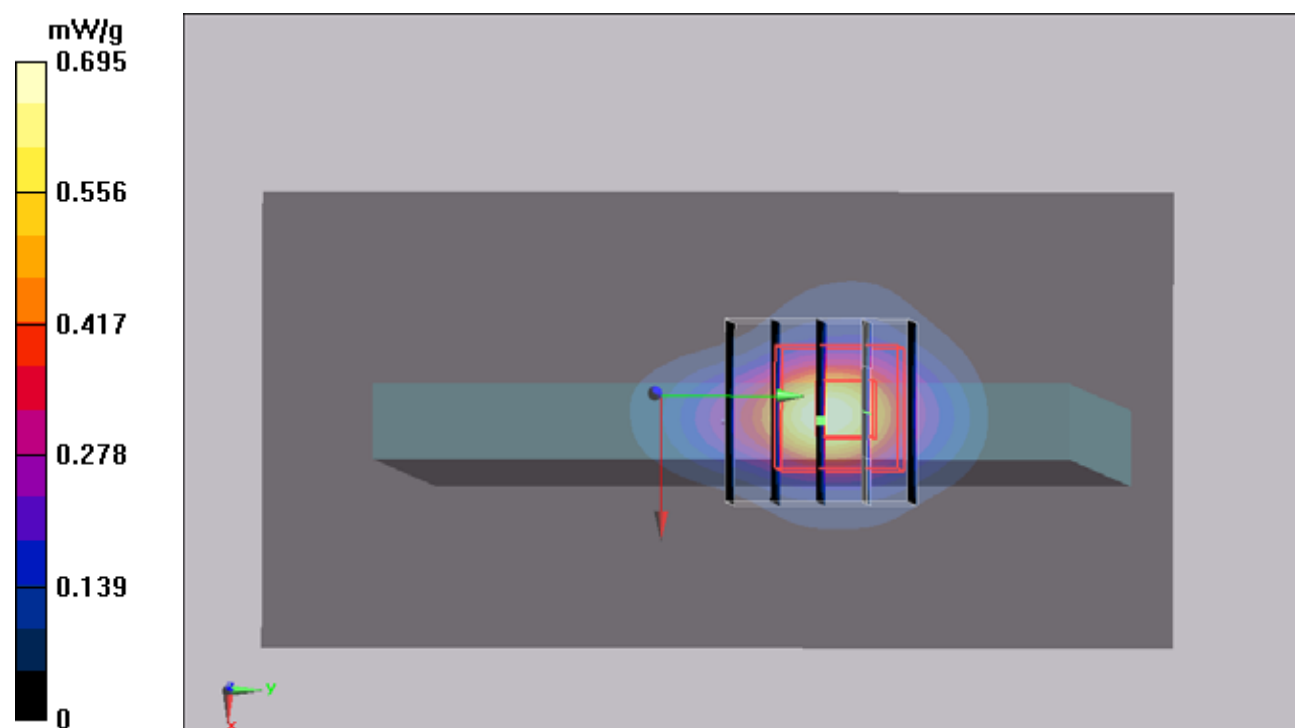
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $11.2 \text{ V/m}$ ; Power Drift =  $0.026 \text{ dB}$

Peak SAR (extrapolated) =  $1.38 \text{ W/kg}$

**SAR(1 g) =  $0.629 \text{ mW/g}$ ; SAR(10 g) =  $0.269 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.682 \text{ mW/g}$



**#38 Wimax2600\_QPSK1-2\_Top Side\_0.5cm\_Ch0\_10M\_Ant0\_Battery2**

**DUT: 112806**

Communication System: Wimax; Frequency: 2501 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110428 Medium parameters used:  $f = 2501 \text{ MHz}$ ;  $\sigma = 2.06 \text{ mho/m}$ ;  $\epsilon_r = 54$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch0/Area Scan (41x81x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.708 mW/g

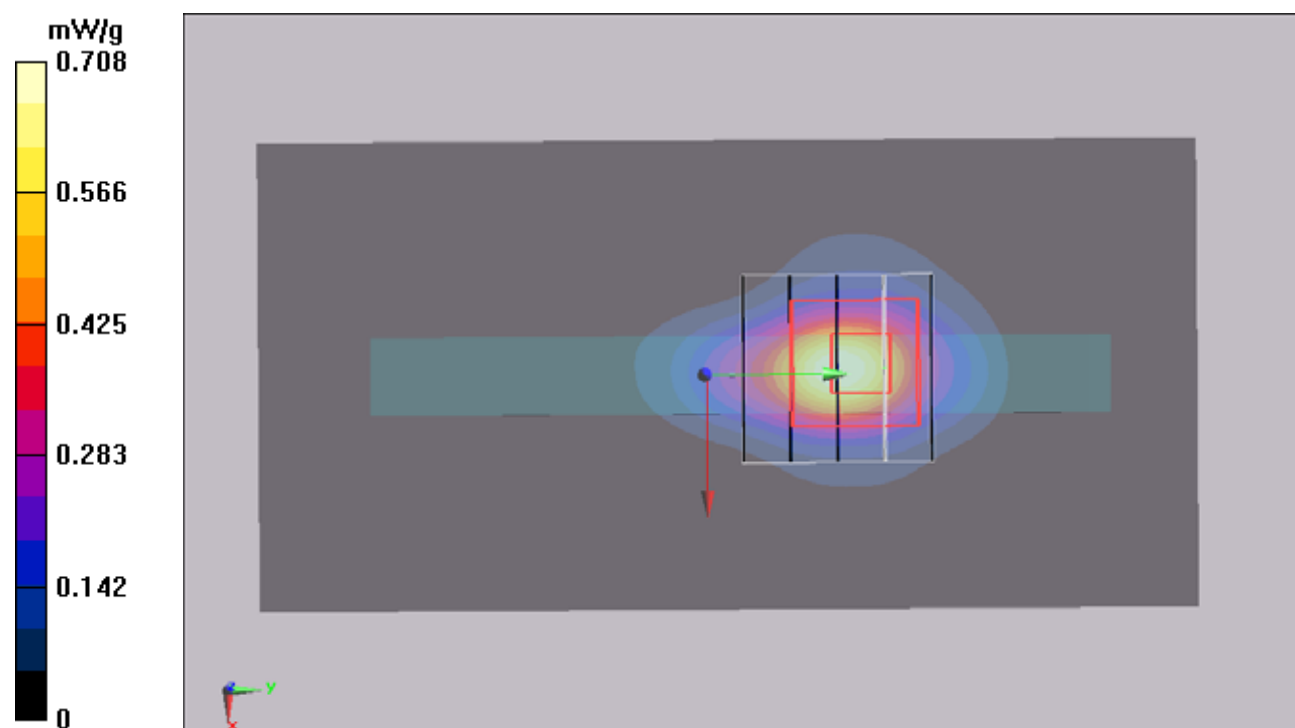
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 11.3 V/m; Power Drift = 0.047 dB

Peak SAR (extrapolated) = 1.39 W/kg

**SAR(1 g) = 0.639 mW/g; SAR(10 g) = 0.273 mW/g**

Maximum value of SAR (measured) = 0.695 mW/g



**#107 Wimax2600\_QPSK1-  
2\_Front Face\_0.5cm\_Ch0\_10M\_Ant0\_Battery2\_Earphone**

**DUT: 112806**

Communication System: Wimax; Frequency: 2501 MHz; Duty Cycle: 1:3.24  
Medium: MSL\_2600\_110502 Medium parameters used:  $f = 2501 \text{ MHz}$ ;  $\sigma = 2.07 \text{ mho/m}$ ;  $\epsilon_r = 53$ ;  $\rho = 1000 \text{ kg/m}^3$   
Ambient Temperature :  $21.8 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $21.4 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2010/10/5
- Phantom: SAM\_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch0/Area Scan (71x121x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$   
Maximum value of SAR (interpolated) =  $0.356 \text{ mW/g}$

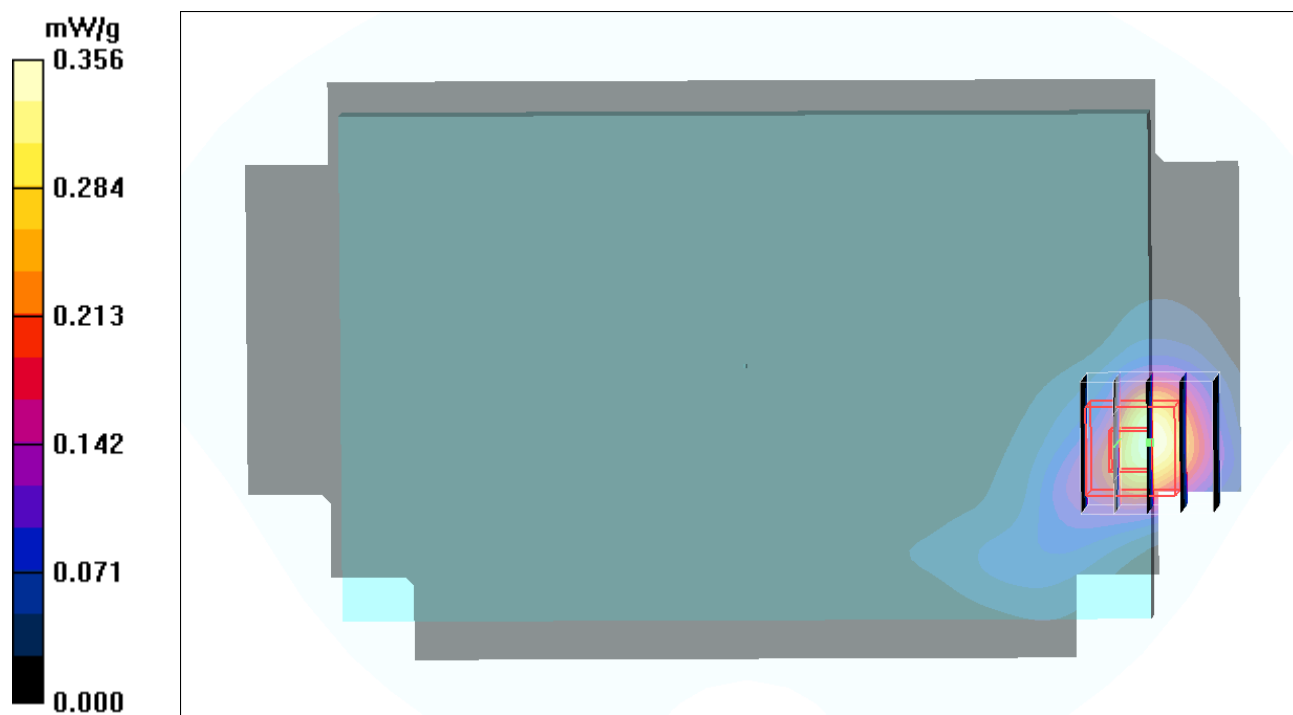
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $1.88 \text{ V/m}$ ; Power Drift =  $-0.17 \text{ dB}$

Peak SAR (extrapolated) =  $0.972 \text{ W/kg}$

**SAR(1 g) =  $0.437 \text{ mW/g}$ ; SAR(10 g) =  $0.187 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.453 \text{ mW/g}$



**#24 Wimax2600\_QPSK1-2\_Front Face\_0.5cm\_Ch0\_10M\_Ant1\_Battery1\_Earphone**

**DUT: 112806**

Communication System: Wimax; Frequency: 2501 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110428 Medium parameters used:  $f = 2501 \text{ MHz}$ ;  $\sigma = 2.06 \text{ mho/m}$ ;  $\epsilon_r = 54$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.4 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch0/Area Scan (71x111x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.985 mW/g

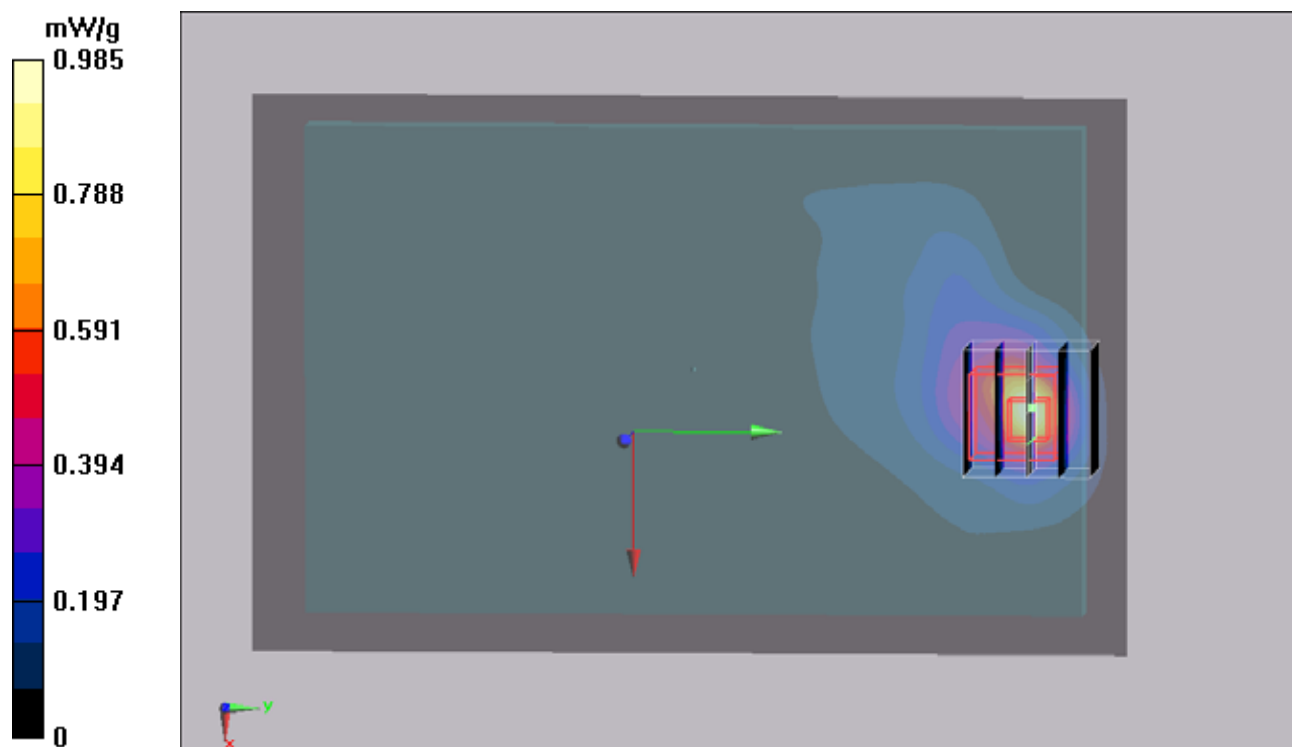
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 3.12 V/m; Power Drift = -0.116 dB

Peak SAR (extrapolated) = 1.94 W/kg

**SAR(1 g) = 0.822 mW/g; SAR(10 g) = 0.367 mW/g**

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



## #24 Wimax2600\_QPSK1-2\_Front Face\_0.5cm\_Ch0\_10M\_Ant1\_Battery1\_Earphone\_2D

**DUT: 112806**

Communication System: Wimax; Frequency: 2501 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110428 Medium parameters used:  $f = 2501$  MHz;  $\sigma = 2.06$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch0/Area Scan (71x111x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.985 mW/g

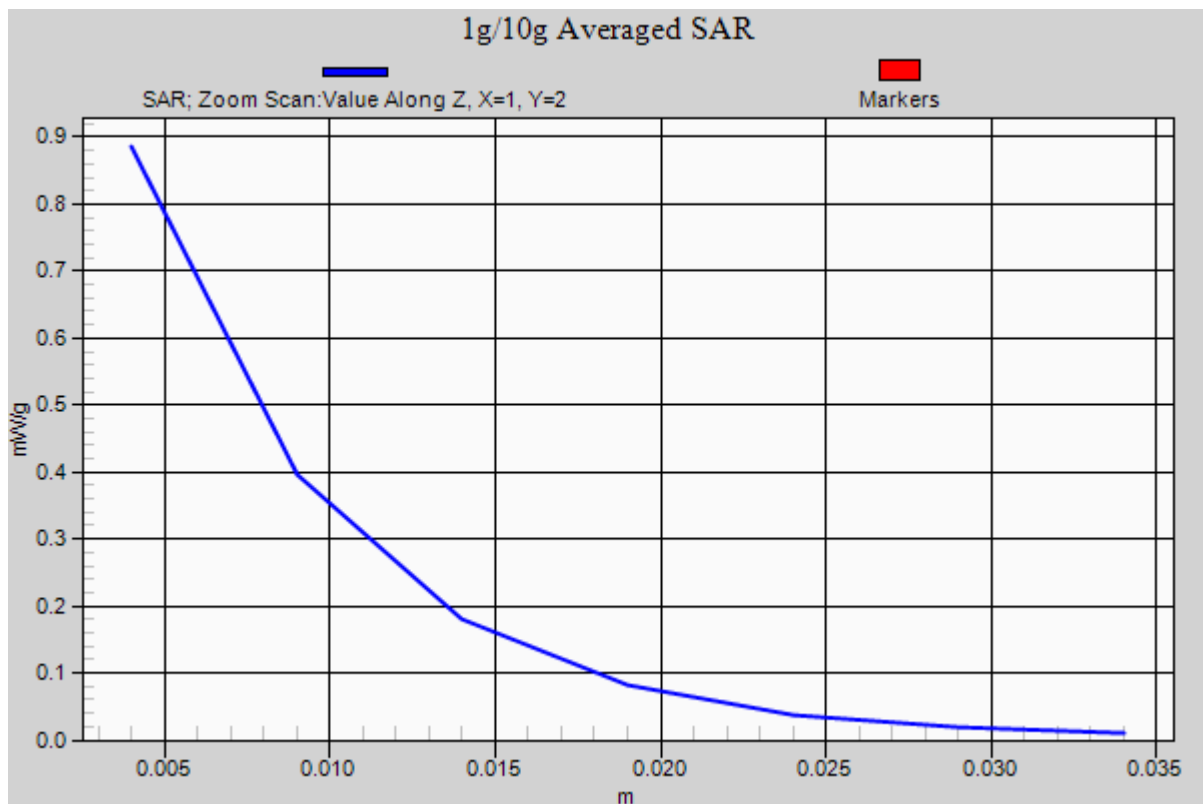
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.12 V/m; Power Drift = -0.116 dB

Peak SAR (extrapolated) = 1.94 W/kg

**SAR(1 g) = 0.822 mW/g; SAR(10 g) = 0.367 mW/g**

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



**#25 Wimax2600\_QPSK1-2\_Rear Face\_0.5cm\_Ch0\_10M\_Ant1\_Battery1\_Earphone**

**DUT: 112806**

Communication System: Wimax; Frequency: 2501 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110428 Medium parameters used:  $f = 2501$  MHz;  $\sigma = 2.06$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch0/Area Scan (71x41x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.384 mW/g

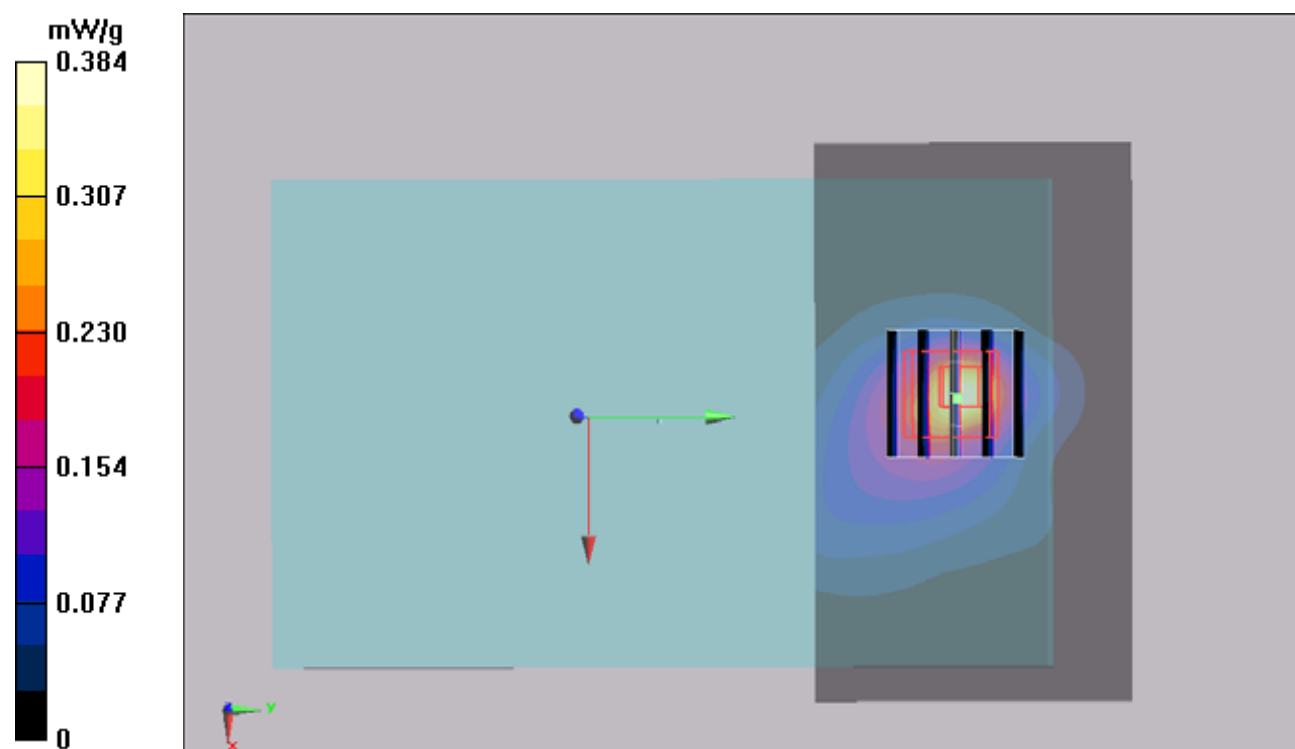
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.99 V/m; Power Drift = -0.0142 dB

Peak SAR (extrapolated) = 0.639 W/kg

**SAR(1 g) = 0.305 mW/g; SAR(10 g) = 0.144 mW/g**

Maximum value of SAR (measured) = 0.336 mW/g



**#27 Wimax2600\_QPSK1-2\_Top Side\_0.5cm\_Ch0\_10M\_Ant1\_Battery1**

**DUT: 112806**

Communication System: Wimax; Frequency: 2501 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110428 Medium parameters used:  $f = 2501$  MHz;  $\sigma = 2.06$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch0/Area Scan (41x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.142 mW/g

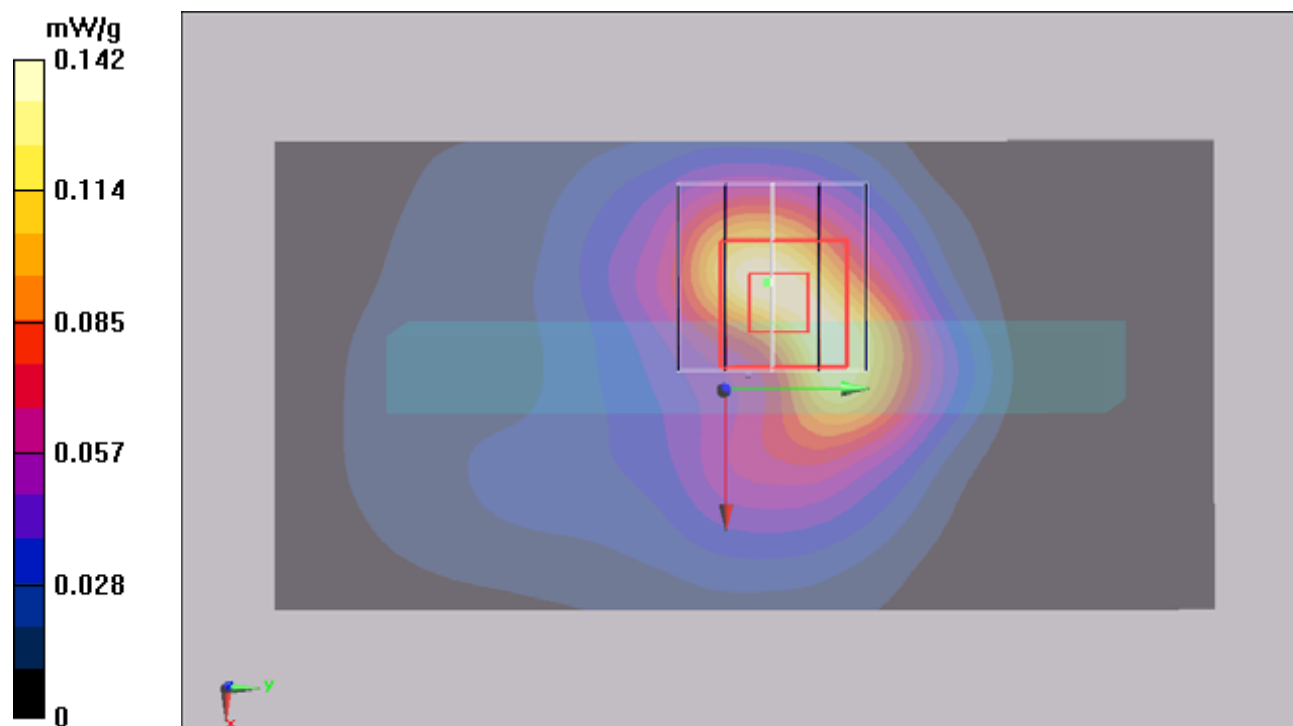
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.41 V/m; Power Drift = 0.195 dB

Peak SAR (extrapolated) = 0.397 W/kg

**SAR(1 g) = 0.182 mW/g; SAR(10 g) = 0.081 mW/g**

Maximum value of SAR (measured) = 0.212 mW/g



**#28 Wimax2600\_QPSK1-2\_Right Side\_0.5cm\_Ch0\_10M\_Ant1\_Battery1\_Earphone**

**DUT: 112806**

Communication System: Wimax; Frequency: 2501 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110428 Medium parameters used:  $f = 2501$  MHz;  $\sigma = 2.06$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch0/Area Scan (61x111x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.00939 mW/g

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

Reference Value = 1.66 V/m; Power Drift = -0.194 dB

Peak SAR (extrapolated) = 0.022 W/kg

**SAR(1 g) = 0.00794 mW/g; SAR(10 g) = 0.00341 mW/g**

Maximum value of SAR (measured) = 0.009 mW/g

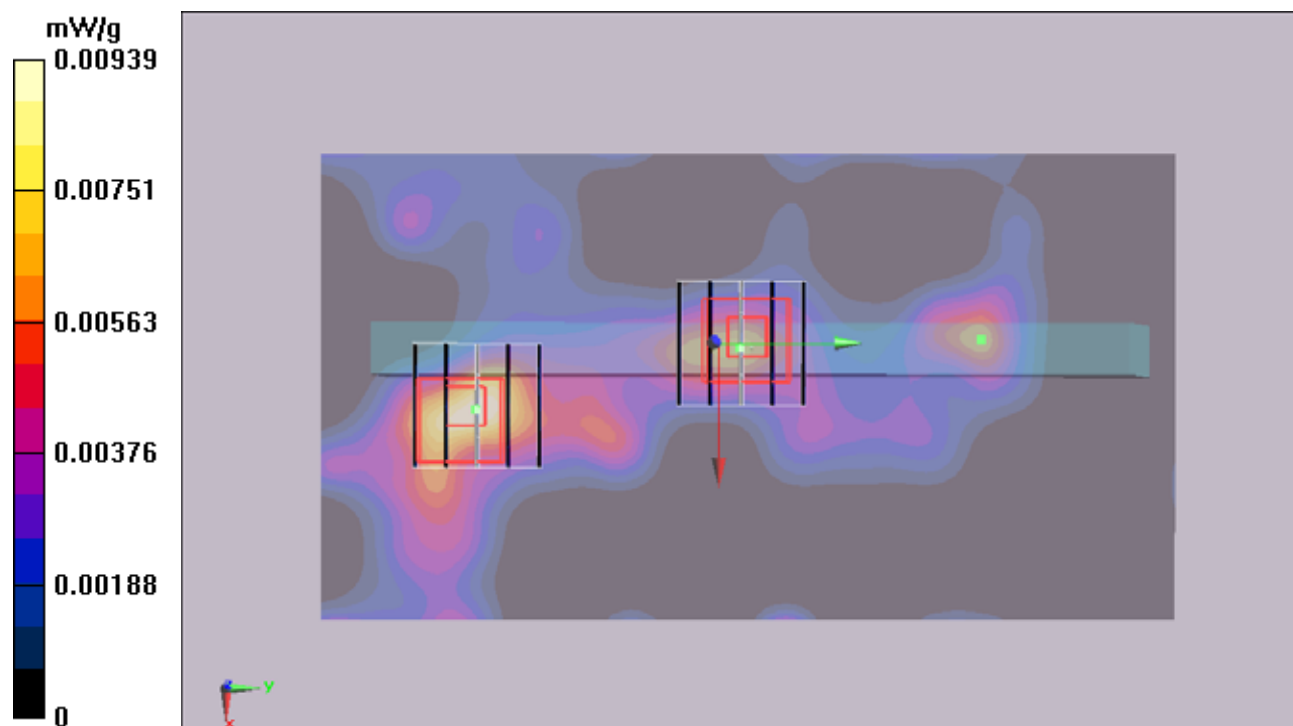
**Ch0/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.66 V/m; Power Drift = -0.194 dB

Peak SAR (extrapolated) = 0.012 W/kg

**SAR(1 g) = 0.00522 mW/g; SAR(10 g) = 0.00241 mW/g**

Maximum value of SAR (measured) = 0.00623 mW/g



**#29 Wimax2600\_QPSK1-2\_Left Side\_0.5cm\_Ch0\_10M\_Ant1\_Battery1\_Earphone**

**DUT: 112806**

Communication System: Wimax; Frequency: 2501 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110428 Medium parameters used:  $f = 2501$  MHz;  $\sigma = 2.06$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch0/Area Scan (61x111x1):** Measurement grid: dx=20mm, dy=20mm

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

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

Reference Value = 1.39 V/m; Power Drift = -0.134 dB

Peak SAR (extrapolated) = 0.017 W/kg

**SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00531 mW/g**

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

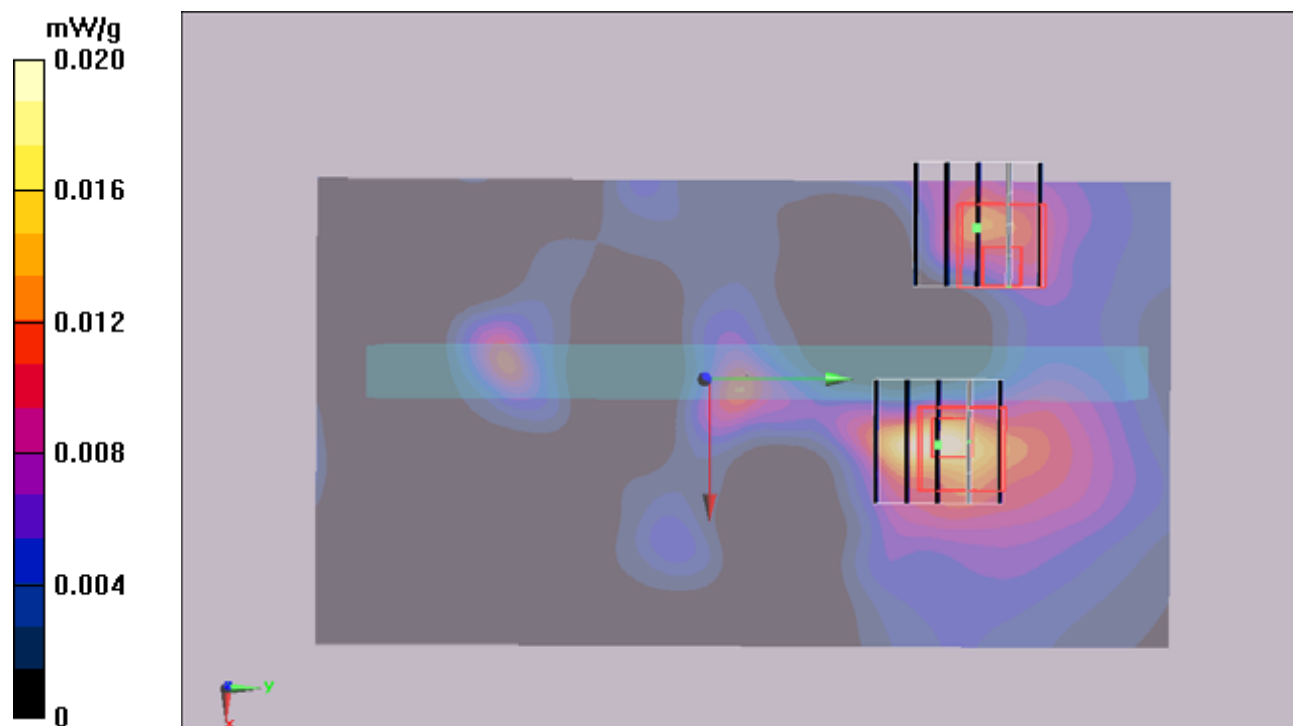
**Ch0/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.39 V/m; Power Drift = -0.134 dB

Peak SAR (extrapolated) = 0.024 W/kg

**SAR(1 g) = 0.00872 mW/g; SAR(10 g) = 0.00376 mW/g**

Maximum value of SAR (measured) = 0.016 mW/g



**#90 Wimax2600\_QPSK1-2\_Front Face\_0.5cm\_Ch1\_10M\_Ant1\_Battery1\_Earphone**

**DUT: 112806**

Communication System: Wimax; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110428 Medium parameters used:  $f = 2593 \text{ MHz}$ ;  $\sigma = 2.16 \text{ mho/m}$ ;  $\epsilon_r = 53.8$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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 (71x31x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.393 mW/g

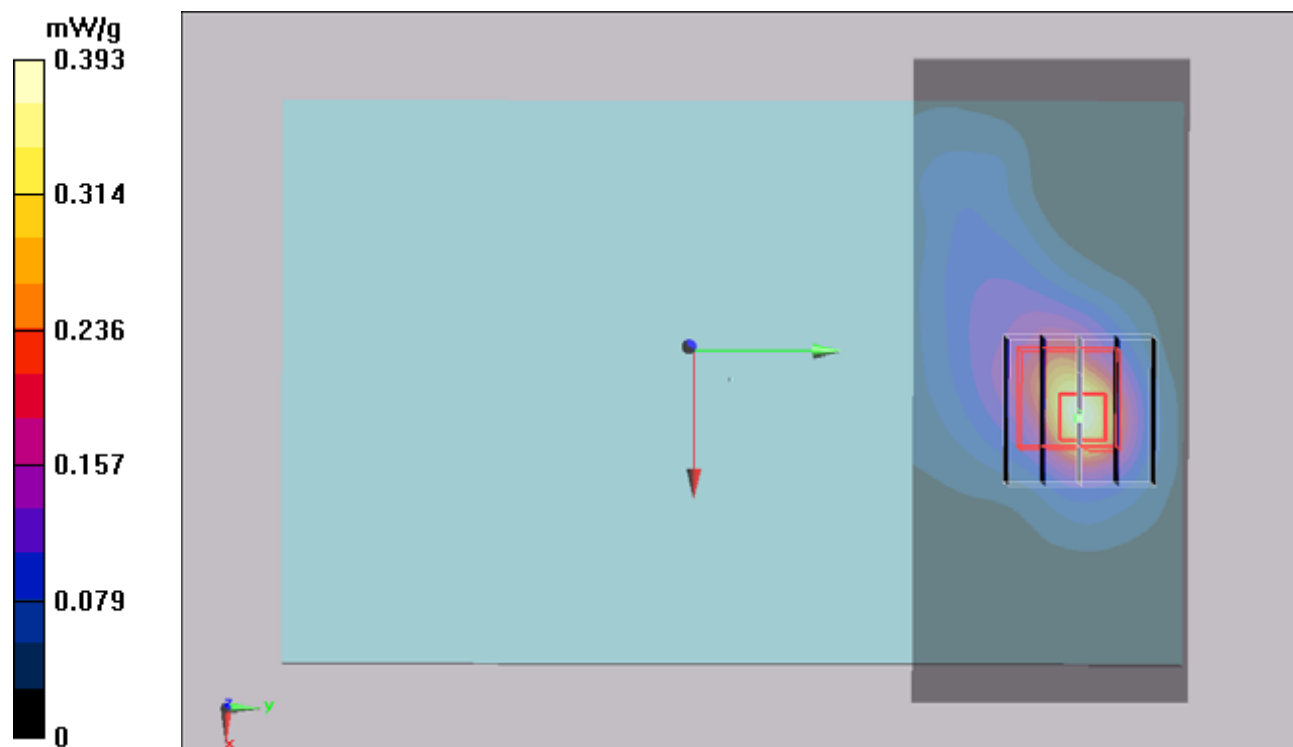
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 3.51 V/m; Power Drift = -0.122 dB

Peak SAR (extrapolated) = 0.719 W/kg

**SAR(1 g) = 0.307 mW/g; SAR(10 g) = 0.135 mW/g**

Maximum value of SAR (measured) = 0.365 mW/g



**#91 Wimax2600\_QPSK1-2\_Front Face\_0.5cm\_Ch2\_10M\_Ant1\_Battery1\_Earphone**

**DUT: 112806**

Communication System: Wimax; Frequency: 2685 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110428 Medium parameters used:  $f = 2685$  MHz;  $\sigma = 2.21$  mho/m;  $\epsilon_r = 53.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch2/Area Scan (71x31x1):** Measurement grid: dx=20mm, dy=20mm

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

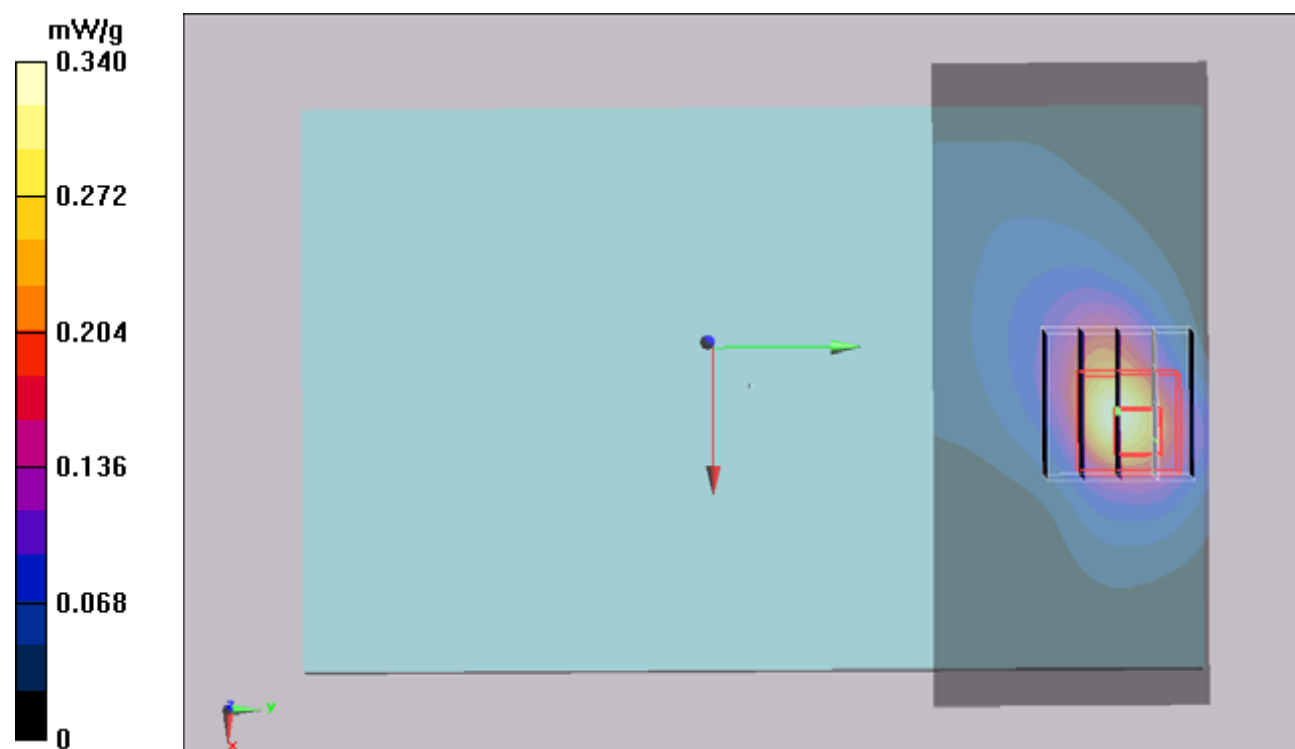
**Ch2/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.81 V/m; Power Drift = -0.107 dB

Peak SAR (extrapolated) = 0.864 W/kg

**SAR(1 g) = 0.332 mW/g; SAR(10 g) = 0.133 mW/g**

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



**#92 Wimax2600\_16QAM1-2\_Front Face\_0.5cm\_Ch0\_10M\_Ant1\_Battery1\_Earphone**

**DUT: 112806**

Communication System: Wimax; Frequency: 2501 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110428 Medium parameters used:  $f = 2501 \text{ MHz}$ ;  $\sigma = 2.06 \text{ mho/m}$ ;  $\epsilon_r = 54$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch0/Area Scan (71x41x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.852 mW/g

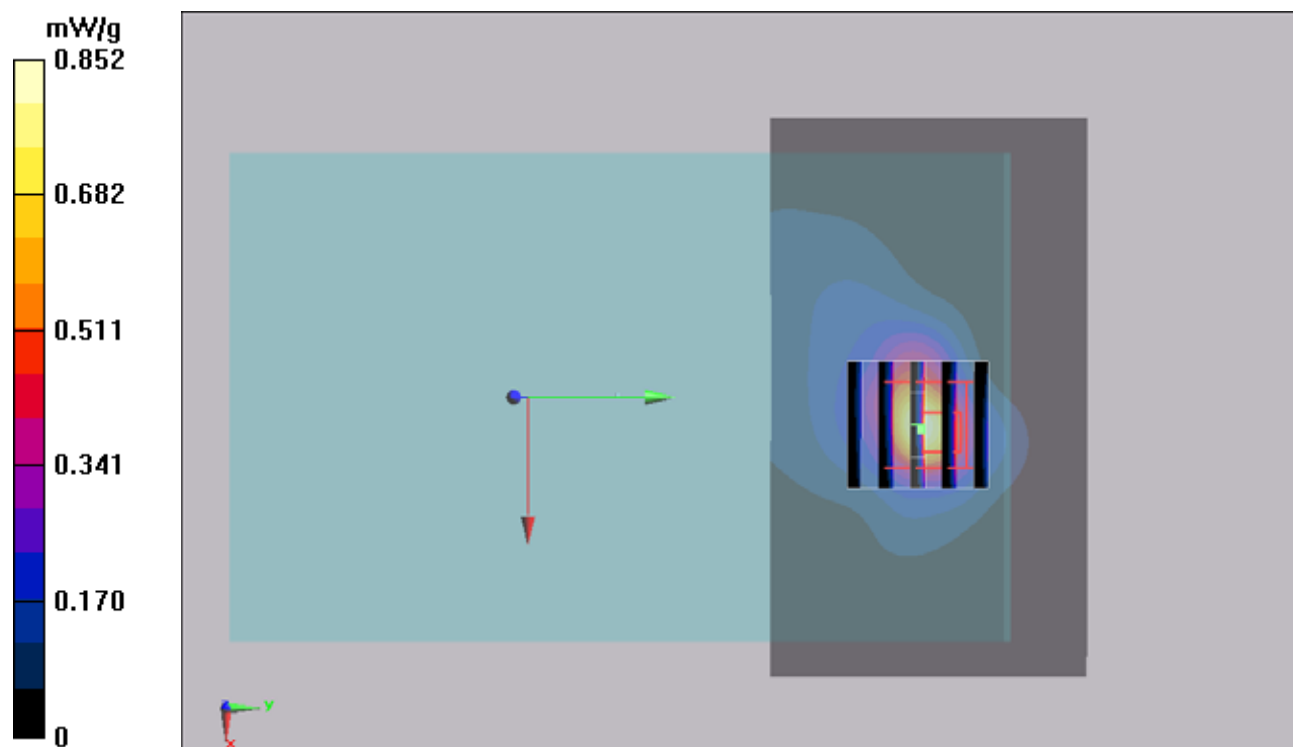
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 2.71 V/m; Power Drift = 0.121 dB

Peak SAR (extrapolated) = 1.75 W/kg

**SAR(1 g) = 0.758 mW/g; SAR(10 g) = 0.329 mW/g**

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



**#30 Wimax2600\_QPSK1-2\_Front Face\_0.5cm\_Ch0\_10M\_Ant1\_Battery1\_Earphone**

**DUT: 112806**

Communication System: Wimax; Frequency: 2501 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110428 Medium parameters used:  $f = 2501 \text{ MHz}$ ;  $\sigma = 2.06 \text{ mho/m}$ ;  $\epsilon_r = 54$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch0/Area Scan (71x41x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.860 mW/g

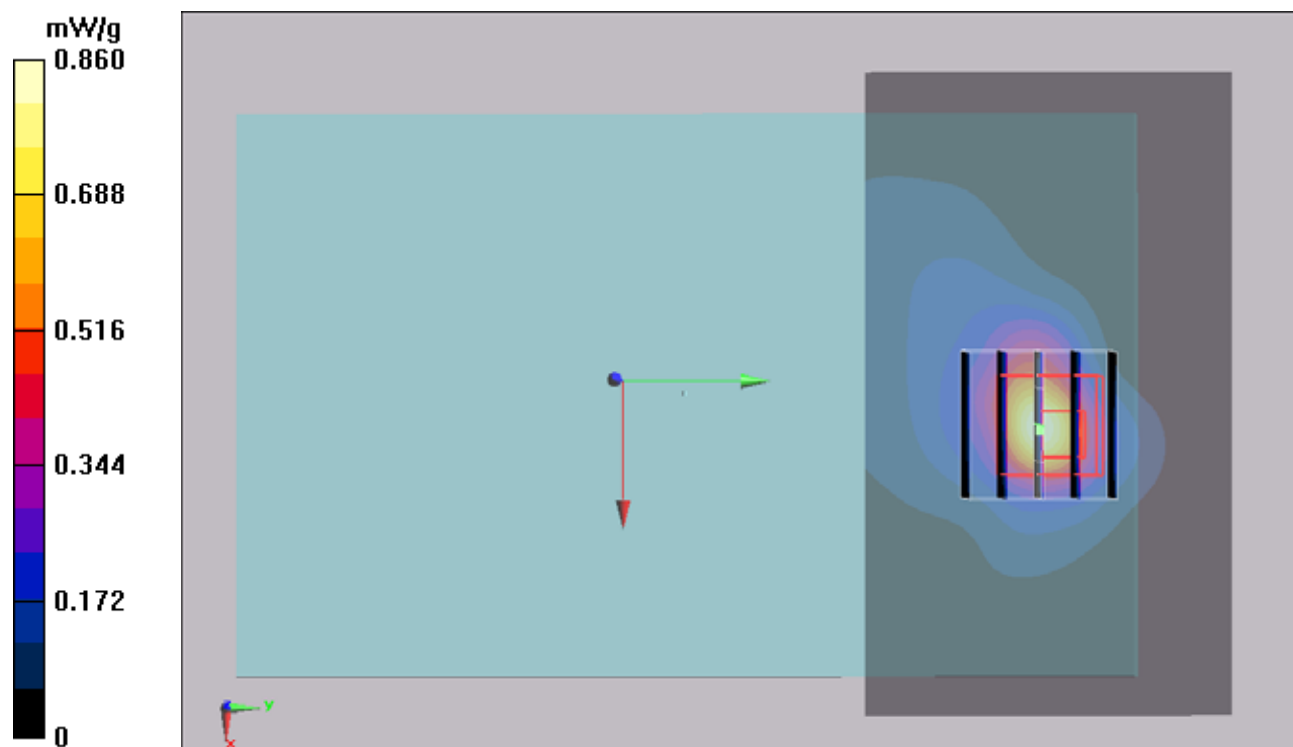
**Ch0/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 2.75 V/m; Power Drift = -0.148dB

Peak SAR (extrapolated) = 1.78 W/kg

**SAR(1 g) = 0.765 mW/g; SAR(10 g) = 0.332 mW/g**

Maximum value of SAR (measured) = 0.783 mW/g



**#93 Wimax2600\_QPSK1-2\_Front Face\_0.5cm\_Ch1\_10M\_Ant1\_Battery2\_Earphone**

**DUT: 112806**

Communication System: Wimax; Frequency: 2593 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110428 Medium parameters used:  $f = 2593 \text{ MHz}$ ;  $\sigma = 2.16 \text{ mho/m}$ ;  $\epsilon_r = 53.8$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.5 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- 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 (71x41x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

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

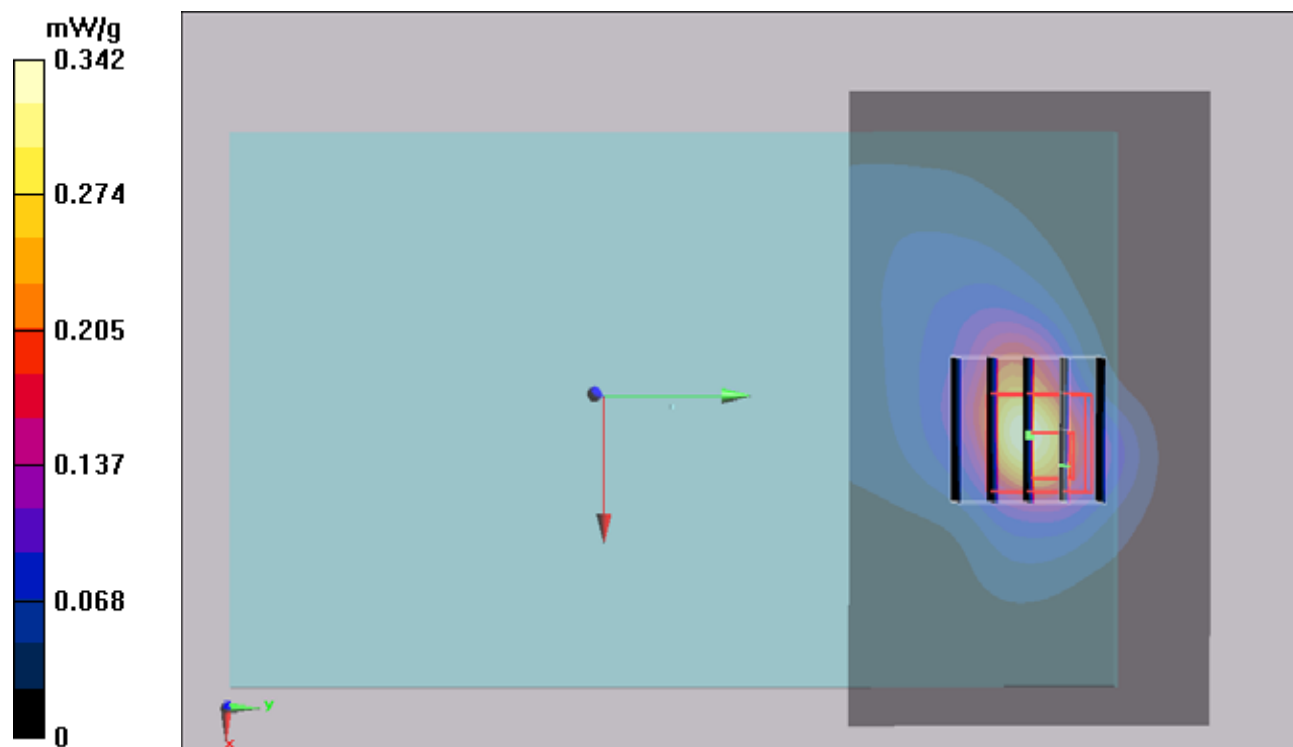
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 2.17 V/m; Power Drift = -0.0439 dB

Peak SAR (extrapolated) = 0.822 W/kg

**SAR(1 g) = 0.331 mW/g; SAR(10 g) = 0.141 mW/g**

Maximum value of SAR (measured) = 0.364 mW/g



**#94 Wimax2600\_QPSK1-2\_Front Face\_0.5cm\_Ch2\_10M\_Ant1\_Battery2\_Earphone**

**DUT: 112806**

Communication System: Wimax; Frequency: 2685 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110428 Medium parameters used:  $f = 2685$  MHz;  $\sigma = 2.21$  mho/m;  $\epsilon_r = 53.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.5 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch2/Area Scan (71x41x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.302 mW/g

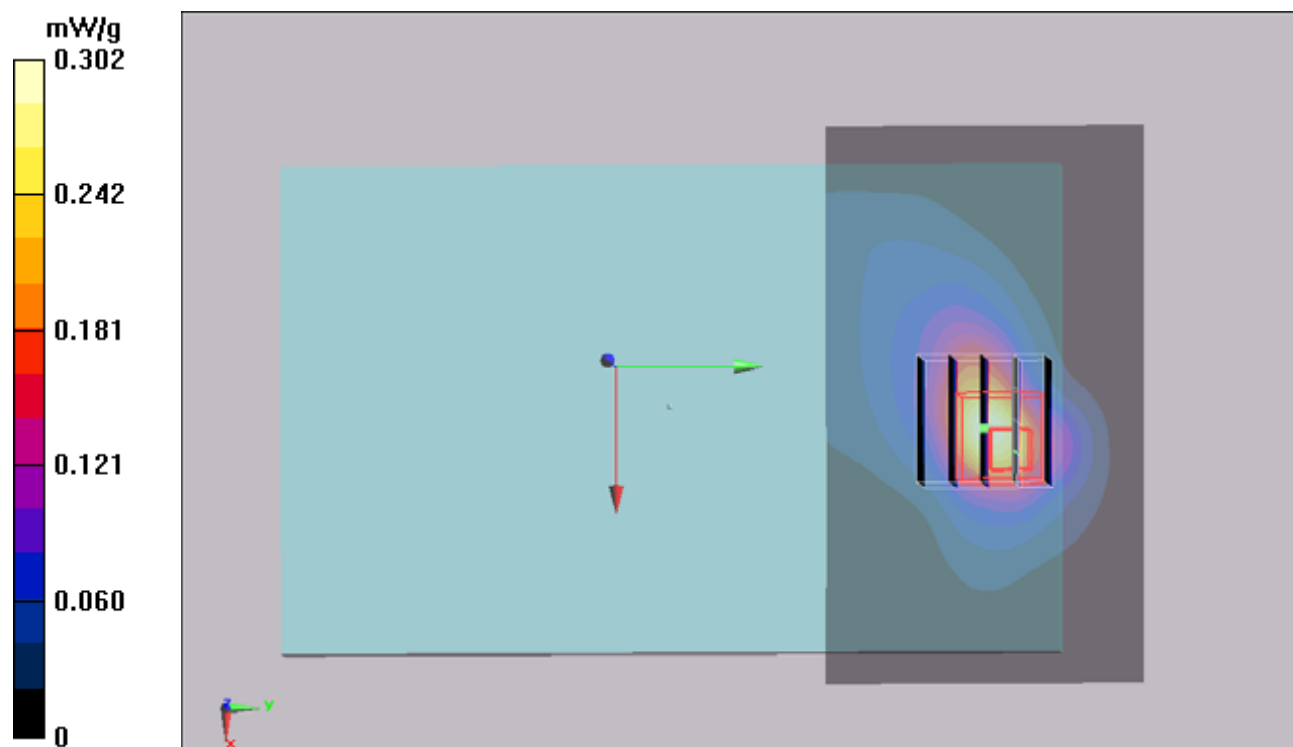
**Ch2/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.96 V/m; Power Drift = -0.0994 dB

Peak SAR (extrapolated) = 0.798 W/kg

**SAR(1 g) = 0.314 mW/g; SAR(10 g) = 0.126 mW/g**

Maximum value of SAR (measured) = 0.369 mW/g



**#99 Wimax2600\_16QAM1-2\_Front Face\_0.5cm\_Ch0\_10M\_Ant1\_Battery1\_Earphone**

**DUT: 112806**

Communication System: Wimax; Frequency: 2501 MHz; Duty Cycle: 1:3.24

Medium: MSL\_2600\_110428 Medium parameters used:  $f = 2501$  MHz;  $\sigma = 2.06$  mho/m;  $\epsilon_r = 54$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3731; ConvF(6.85, 6.85, 6.85); Calibrated: 2010/9/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2010/10/22
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch0/Area Scan (71x121x1):** Measurement grid: dx=20mm, dy=20mm

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

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

Reference Value = 3.4 V/m; Power Drift = -0.125 dB

Peak SAR (extrapolated) = 1.81 W/kg

**SAR(1 g) = 0.788 mW/g; SAR(10 g) = 0.342 mW/g**

Maximum value of SAR (measured) = 0.876 mW/g

