

### System Check\_Body\_835MHz\_111207

#### DUT: Dipole 835 MHz

Communication System: CW; Frequency: 835 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_111207 Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.998 \text{ mho/m}$ ;  $\epsilon_r = 55.9$ ;  $\rho = 1000 \text{ kg/m}^3$

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

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186
- Dipole: D835V2 - SN499; Calibrated: 2010/5/22

**Pin=250mW/Area Scan (61x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 2.67 mW/g

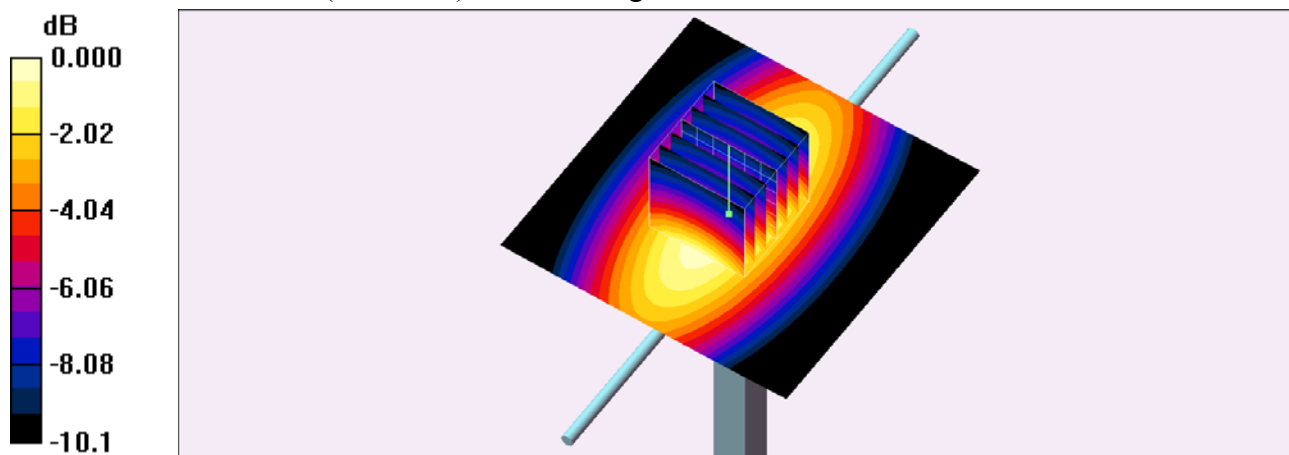
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 51.6 V/m; Power Drift = 0.052 dB

Peak SAR (extrapolated) = 3.67 W/kg

**SAR(1 g) = 2.47 mW/g; SAR(10 g) = 1.62 mW/g**

Maximum value of SAR (measured) = 2.67 mW/g



0 dB = 2.67mW/g

## System Check\_Body\_1750MHz\_111206

### DUT: Dipole 1750 MHz

Communication System: CW; Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: MSL\_1800\_111206 Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.62, 7.62, 7.62); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186
- Dipole: D1750V2 - SN1023; Calibrated: 2011/6/16

**Pin=250mW/Area Scan (61x61x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 10.4 mW/g

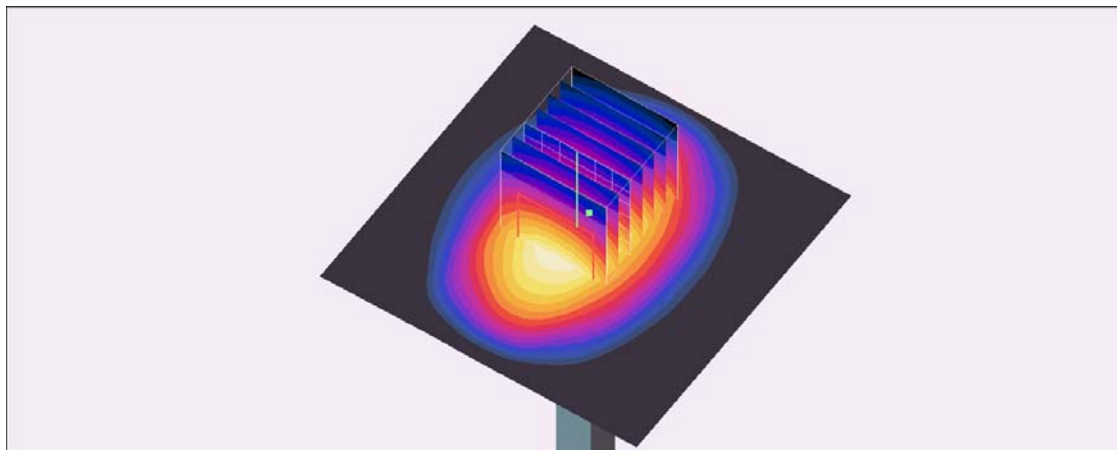
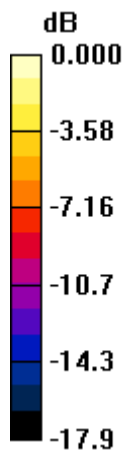
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 78.9 V/m; Power Drift = 0.012 dB

Peak SAR (extrapolated) = 16.4 W/kg

**SAR(1 g) = 8.63 mW/g; SAR(10 g) = 4.54 mW/g**

Maximum value of SAR (measured) = 9.62 mW/g



0 dB = 9.62mW/g

## System Check\_Body\_1900MHz\_111206

### DUT: Dipole 1900 MHz

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_111206 Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 54.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186
- Dipole: D1900V2 - SN5d041; Calibrated: 2010/5/23

**Pin=250mW/Area Scan (91x91x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 11.1 mW/g

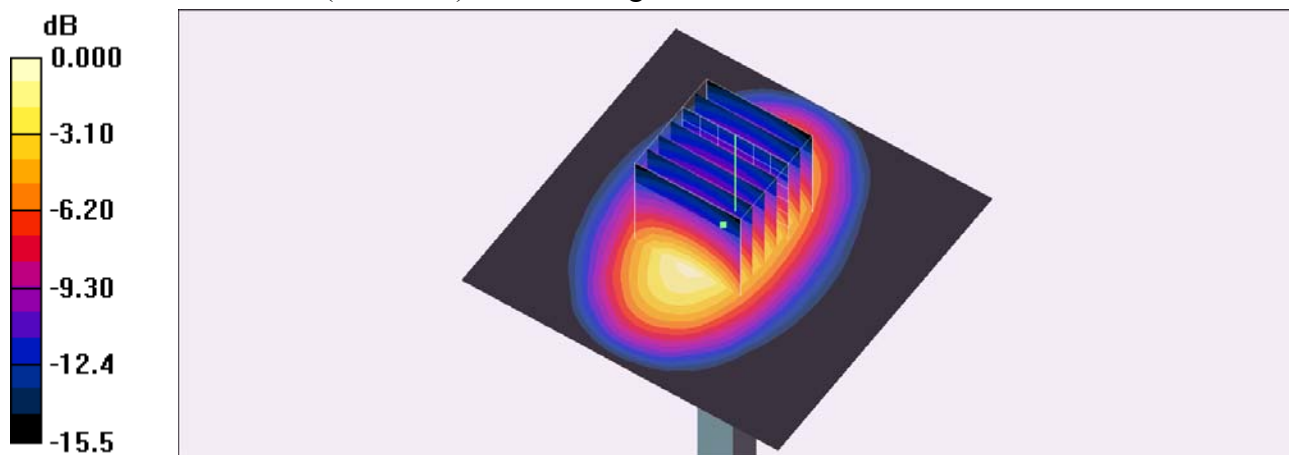
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 82.8 V/m; Power Drift = 0.077 dB

Peak SAR (extrapolated) = 18.5 W/kg

**SAR(1 g) = 10.1 mW/g; SAR(10 g) = 5.57 mW/g**

Maximum value of SAR (measured) = 11.1 mW/g



0 dB = 11.1mW/g

## System Check\_Body\_2450MHz\_111226

### DUT: Dipole 2450 MHz

Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_111226 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 2.01$  mho/m;  $\epsilon_r = 53.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.67, 6.67, 6.67); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186
- Dipole: D2450V2 - SN736; Calibrated: 2011/7/25

**Pin=250mW/Area Scan (91x91x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 15.6 mW/g

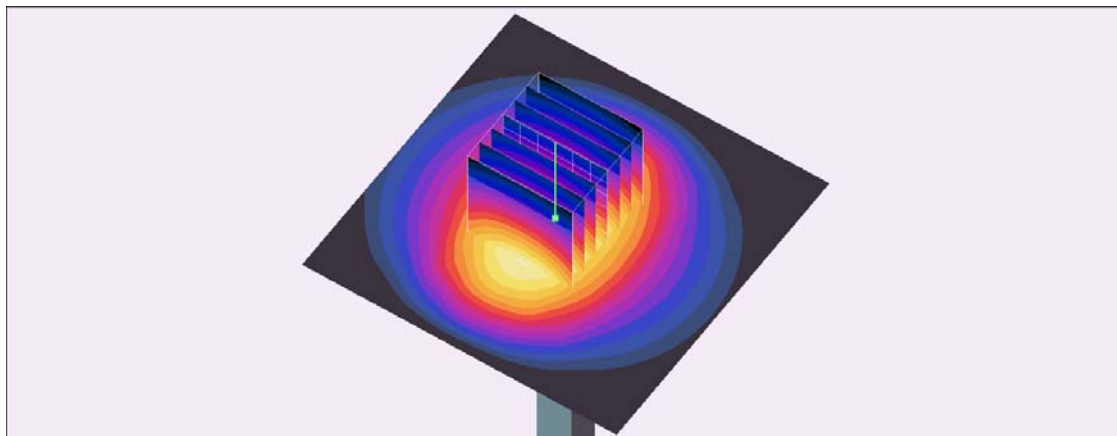
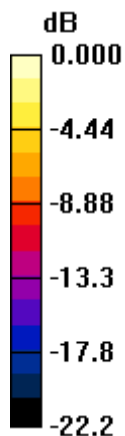
**Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 85.4 V/m; Power Drift = 0.136 dB

Peak SAR (extrapolated) = 30.2 W/kg

**SAR(1 g) = 13.8 mW/g; SAR(10 g) = 6.55 mW/g**

Maximum value of SAR (measured) = 15.3 mW/g



0 dB = 15.3mW/g

## System Check\_Body\_5200MHz\_111122

### DUT: Dipole 5GHz

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_111122 Medium parameters used:  $f = 5200 \text{ MHz}$ ;  $\sigma = 5.16 \text{ mho/m}$ ;  $\epsilon_r = 48.5$ ;  $\rho = 1000 \text{ kg/m}^3$

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

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.22, 4.22, 4.22); Calibrated: 2011/6/20
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186
- Dipole: D5GHzV2 - SN1040; Calibrated: 2011/6/21

**Pin=250mW/Area Scan (91x91x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 32.1 mW/g

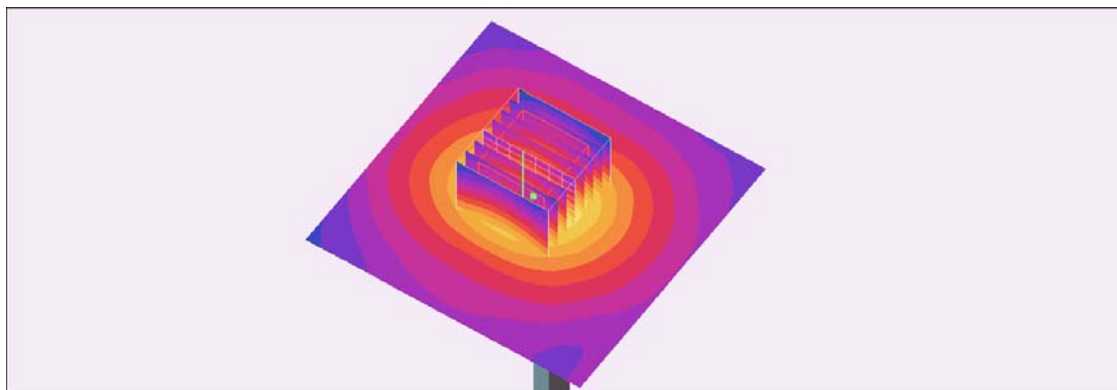
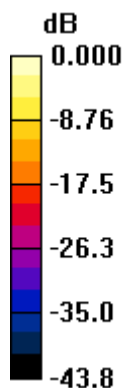
**Pin=250mW/Zoom Scan (8x8x8)/Cube 0:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 80.6 V/m; Power Drift = 0.187 dB

Peak SAR (extrapolated) = 60.3 W/kg

**SAR(1 g) = 18.5 mW/g; SAR(10 g) = 5.27 mW/g**

Maximum value of SAR (measured) = 31.5 mW/g



0 dB = 31.5mW/g

## System Check\_Body\_5500MHz\_111122

### DUT: Dipole 5GHz

Communication System: CW; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_111122 Medium parameters used:  $f = 5500 \text{ MHz}$ ;  $\sigma = 5.74 \text{ mho/m}$ ;  $\epsilon_r = 48.6$ ;  $\rho = 1000 \text{ kg/m}^3$

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

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.76, 3.76, 3.76); Calibrated: 2011/6/20
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186
- Dipole: D5GHzV2 - SN1040; Calibrated: 2011/6/21

**Pin=250mW/Area Scan (91x91x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 38.2 mW/g

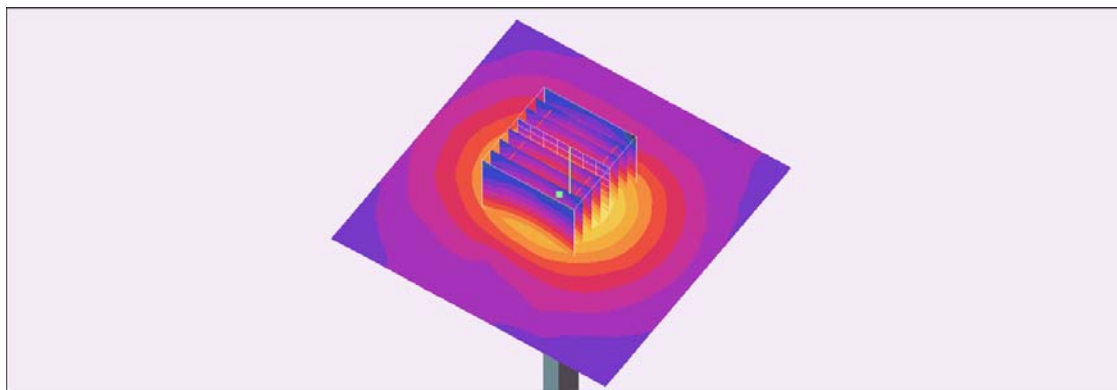
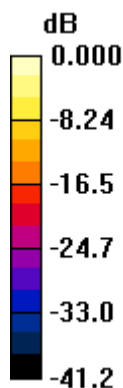
**Pin=250mW/Zoom Scan (8x8x8)/Cube 0:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 83.2 V/m; Power Drift = 0.085 dB

Peak SAR (extrapolated) = 62.0 W/kg

**SAR(1 g) = 19.6 mW/g; SAR(10 g) = 5.58 mW/g**

Maximum value of SAR (measured) = 34.7 mW/g



0 dB = 34.7mW/g

## System Check\_Body\_5800MHz\_111122

### DUT: Dipole 5GHz

Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_111122 Medium parameters used:  $f = 5800 \text{ MHz}$ ;  $\sigma = 6.13 \text{ mho/m}$ ;  $\epsilon_r = 47.8$ ;  $\rho = 1000 \text{ kg/m}^3$

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

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.78, 3.78, 3.78); Calibrated: 2011/6/20
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186
- Dipole: D5GHzV2 - SN1040; Calibrated: 2011/6/21

**Pin=250mW/Area Scan (91x91x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 33.7 mW/g

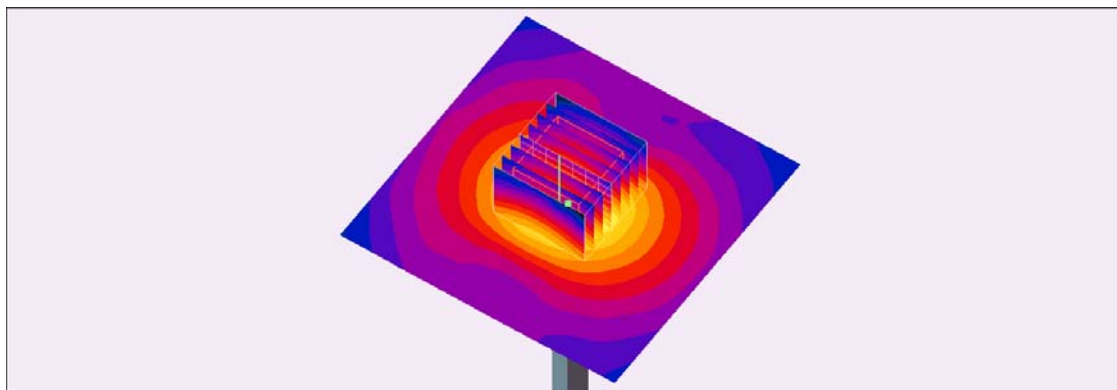
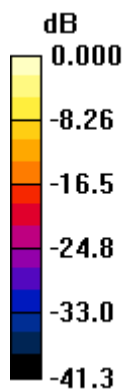
**Pin=250mW/Zoom Scan (8x8x8)/Cube 0:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 81.0 V/m; Power Drift = -0.003 dB

Peak SAR (extrapolated) = 53.6 W/kg

**SAR(1 g) = 18.6 mW/g; SAR(10 g) = 5.39 mW/g**

Maximum value of SAR (measured) = 31.4 mW/g



0 dB = 31.4mW/g

### #18 WCDMA V\_RMC12.2K\_Bottom Face\_1cm\_Ch4132\_Earphone

**DUT: 1D0804**

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

Medium: MSL\_850\_111207 Medium parameters used :  $f = 826.4$  MHz;  $\sigma = 0.989$  mho/m;  $\epsilon_r = 56$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch4132/Area Scan (81x111x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.633 mW/g

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

Reference Value = 10.9 V/m; Power Drift = 0.016 dB

Peak SAR (extrapolated) = 1.04 W/kg

**SAR(1 g) = 0.671 mW/g; SAR(10 g) = 0.417 mW/g**

Maximum value of SAR (measured) = 0.714 mW/g

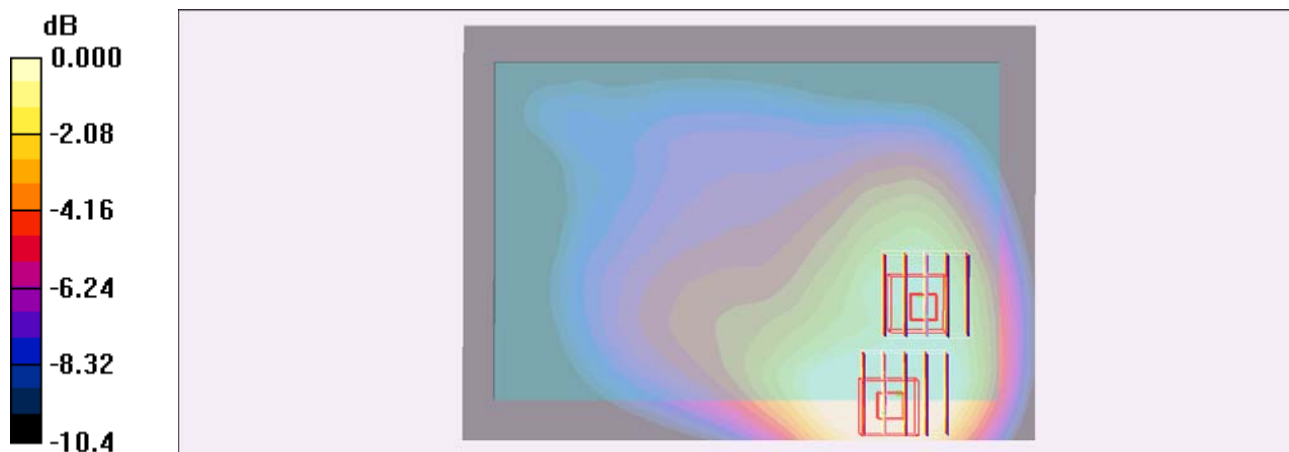
**Ch4132/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.9 V/m; Power Drift = 0.016 dB

Peak SAR (extrapolated) = 0.543 W/kg

**SAR(1 g) = 0.381 mW/g; SAR(10 g) = 0.263 mW/g**

Maximum value of SAR (measured) = 0.408 mW/g



0 dB = 0.408mW/g



### #19 WCDMA V\_RMC12.2K\_Secondary Landscape\_0.75cm\_Ch4132

**DUT: 1D0804**

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

Medium: MSL\_850\_111207 Medium parameters used :  $f = 826.4$  MHz;  $\sigma = 0.989$  mho/m;  $\epsilon_r = 56$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch4132/Area Scan (31x111x1):** Measurement grid: dx=20mm, dy=20mm

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

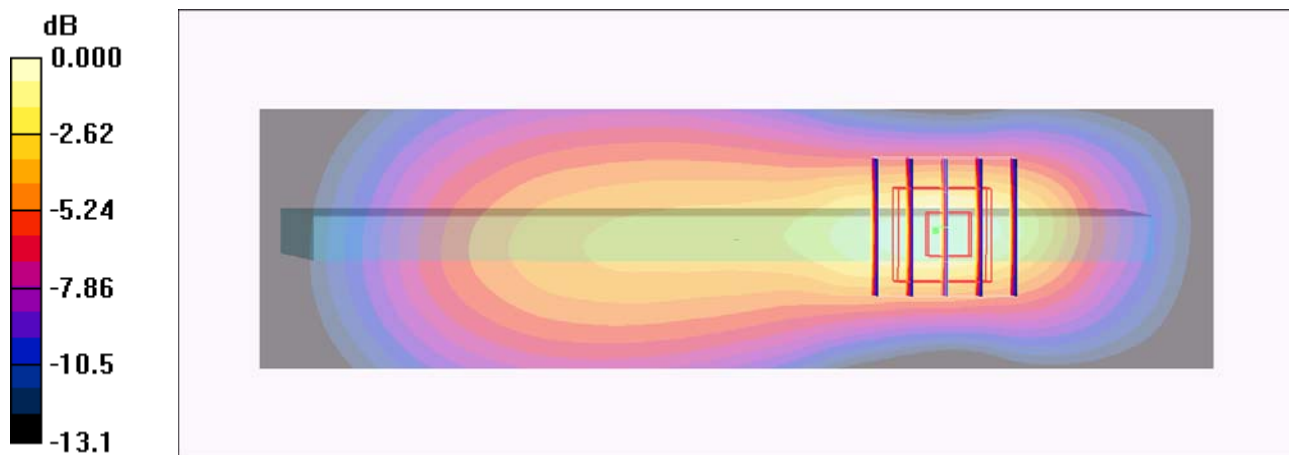
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.8 V/m; Power Drift = -0.070 dB

Peak SAR (extrapolated) = 1.10 W/kg

**SAR(1 g) = 0.649 mW/g; SAR(10 g) = 0.373 mW/g**

Maximum value of SAR (measured) = 0.701 mW/g



0 dB = 0.701mW/g

## #20 WCDMA V\_RMC12.2K\_Primary Portrait\_0cm\_Ch4132

### DUT: 1D0804

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

Medium: MSL\_850\_111207 Medium parameters used :  $f = 826.4$  MHz;  $\sigma = 0.989$  mho/m;  $\epsilon_r = 56$ ;  $\rho$

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20

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

- Electronics: DAE4 Sn778; Calibrated: 2011/11/22

- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026

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

**Ch4132/Area Scan (31x91x1):** Measurement grid: dx=20mm, dy=20mm

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

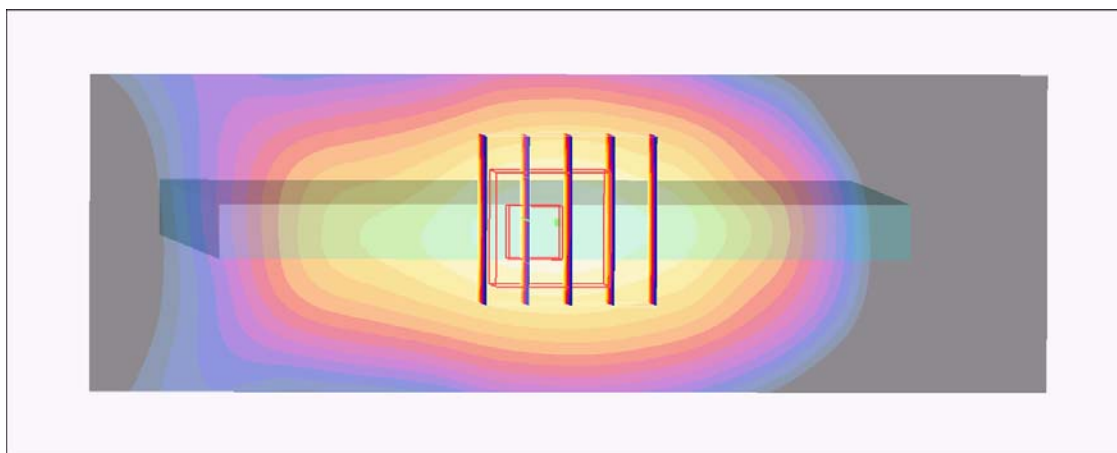
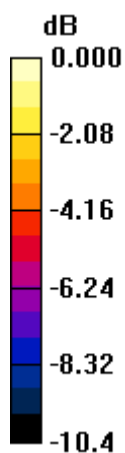
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.8 V/m; Power Drift = 0.019 dB

Peak SAR (extrapolated) = 0.197 W/kg

**SAR(1 g) = 0.132 mW/g; SAR(10 g) = 0.089 mW/g**

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



0 dB = 0.139mW/g

### #21 WCDMA V\_RMC12.2K\_Bottom Face\_0cm\_Ch4132\_Earphone

**DUT: 1D0804**

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

Medium: MSL\_850\_111207 Medium parameters used :  $f = 826.4$  MHz;  $\sigma = 0.989$  mho/m;  $\epsilon_r = 56$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch4132/Area Scan (41x111x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.33 mW/g

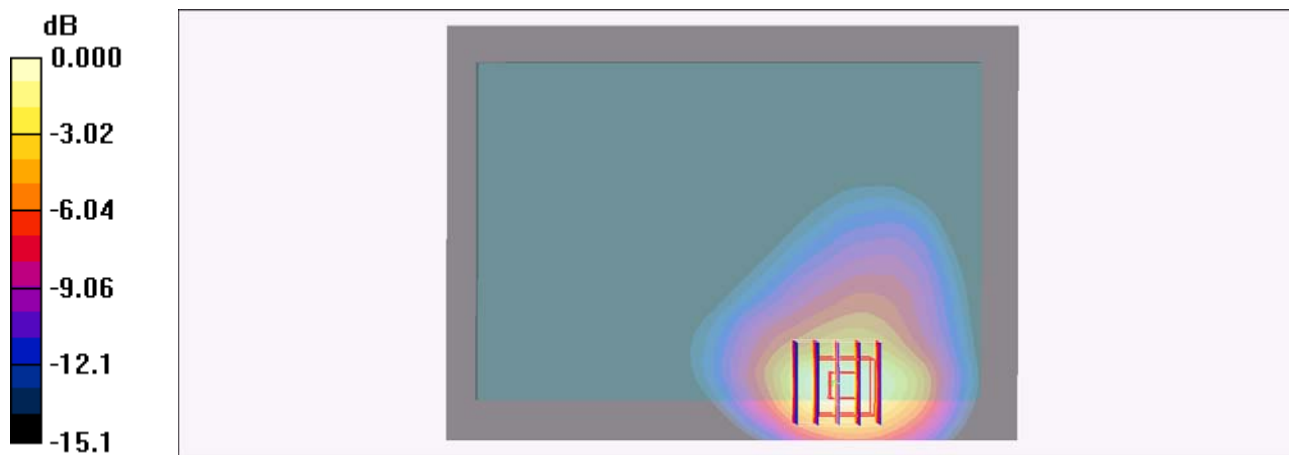
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.06 V/m; Power Drift = 0.083 dB

Peak SAR (extrapolated) = 2.27 W/kg

**SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.647 mW/g**

Maximum value of SAR (measured) = 1.35 mW/g



0 dB = 1.35mW/g

### #21 WCDMA V\_RMC12.2K\_Bottom Face\_0cm\_Ch4132\_Earphone\_2D

**DUT: 1D0804**

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

Medium: MSL\_850\_111207 Medium parameters used :  $f = 826.4$  MHz;  $\sigma = 0.989$  mho/m;  $\epsilon_r = 56$ ;  $\rho$

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch4132/Area Scan (41x111x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.33 mW/g

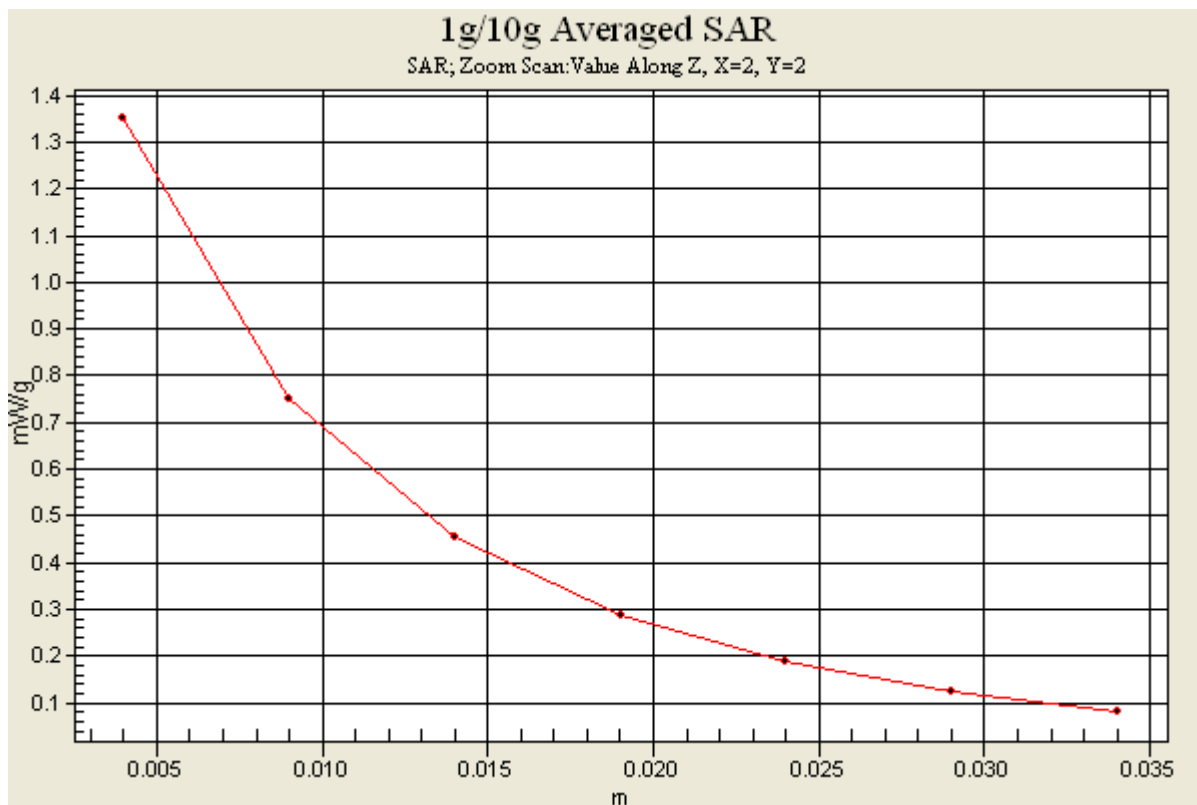
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.06 V/m; Power Drift = 0.083 dB

Peak SAR (extrapolated) = 2.27 W/kg

**SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.647 mW/g**

Maximum value of SAR (measured) = 1.35 mW/g



## #22 WCDMA V\_RMC12.2K\_Secondary Landscape\_0cm\_Ch4132

**DUT: 1D0804**

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

Medium: MSL\_850\_111207 Medium parameters used :  $f = 826.4$  MHz;  $\sigma = 0.989$  mho/m;  $\epsilon_r = 56$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch4132/Area Scan (31x111x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.634 mW/g

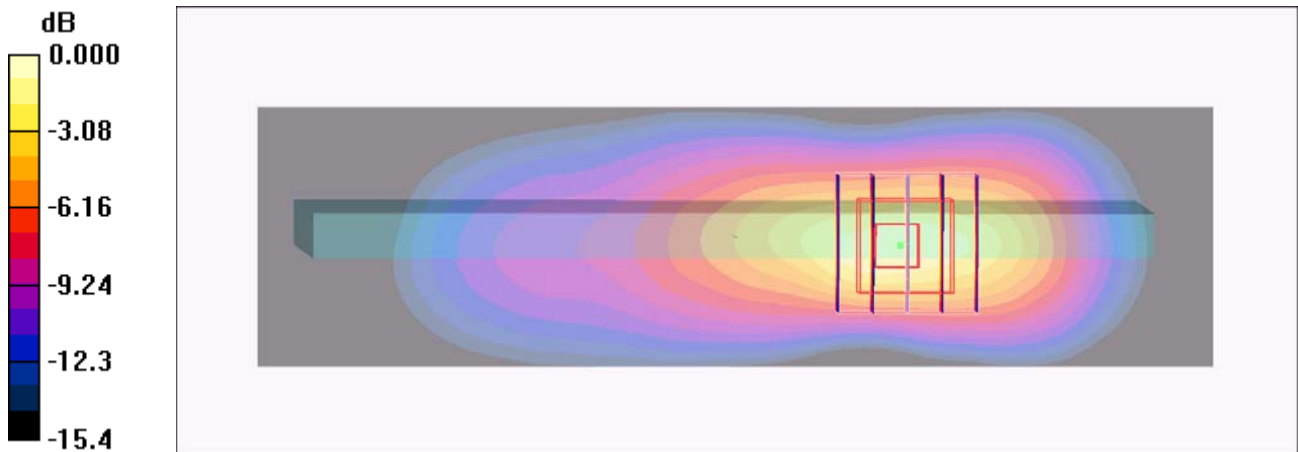
**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.7 V/m; Power Drift = 0.020 dB

Peak SAR (extrapolated) = 1.45 W/kg

**SAR(1 g) = 0.718 mW/g; SAR(10 g) = 0.366 mW/g**

Maximum value of SAR (measured) = 0.803 mW/g



0 dB = 0.803mW/g

## #23 WCDMA V\_RMC12.2K\_Bottom Face\_0cm\_Ch4182\_Earphone

**DUT: 1D0804**

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

Medium: MSL\_850\_111207 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 1$  mho/m;  $\epsilon_r = 55.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch4182/Area Scan (41x111x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.31 mW/g

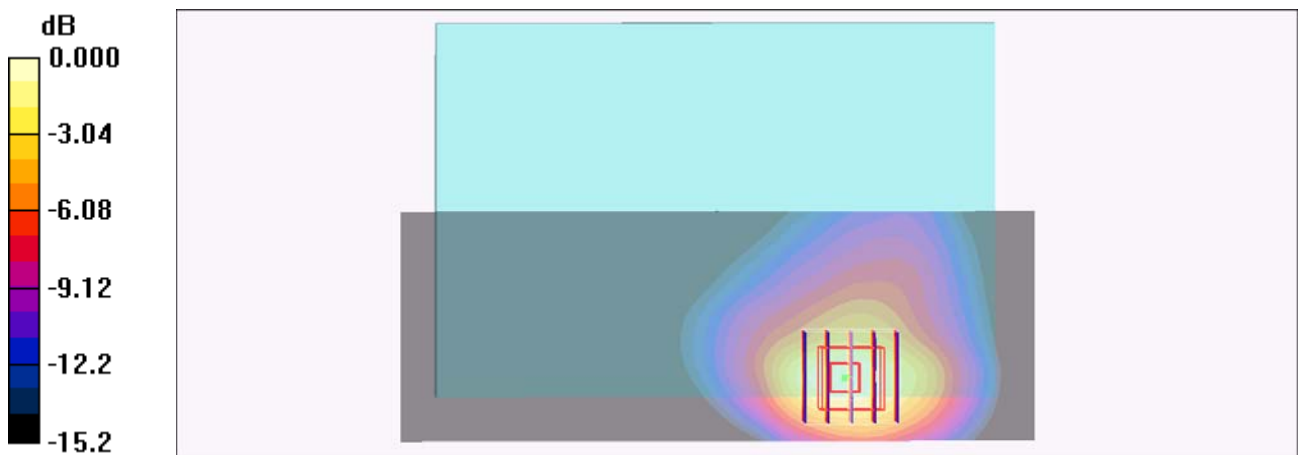
**Ch4182/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.14 V/m; Power Drift = 0.116 dB

Peak SAR (extrapolated) = 2.26 W/kg

**SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.643 mW/g**

Maximum value of SAR (measured) = 1.34 mW/g



0 dB = 1.34mW/g

## #24 WCDMA V\_RMC12.2K\_Bottom Face\_0cm\_Ch4233\_Earphone

**DUT: 1D0804**

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

Medium: MSL\_850\_111207 Medium parameters used:  $f = 847 \text{ MHz}$ ;  $\sigma = 1.01 \text{ mho/m}$ ;  $\epsilon_r = 55.9$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(9.02, 9.02, 9.02); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch4233/Area Scan (41x111x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 1.32 mW/g

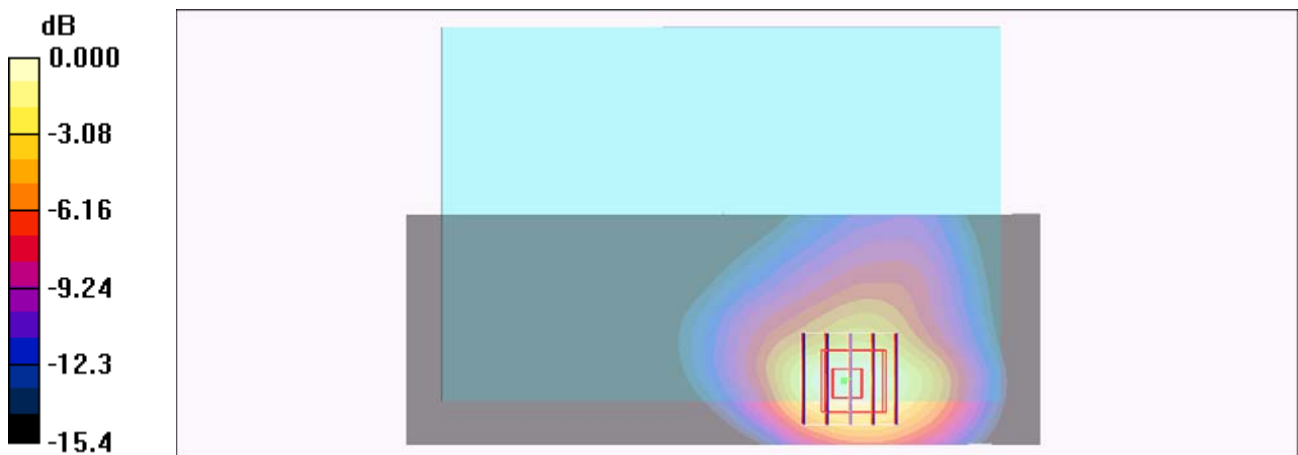
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 4.30 V/m; Power Drift = 0.115 dB

Peak SAR (extrapolated) = 2.30 W/kg

**SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.645 mW/g**

Maximum value of SAR (measured) = 1.32 mW/g



0 dB = 1.32mW/g

### #04 WCDMA IV\_RMC12.2K\_Bottom Face\_1cm\_Ch1312\_Earphone

**DUT: 1D0804**

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: MSL\_1800\_111206 Medium parameters used :  $f = 1712.4$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 52.2$ ;

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.62, 7.62, 7.62); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1312/Area Scan (101x141x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.902 mW/g

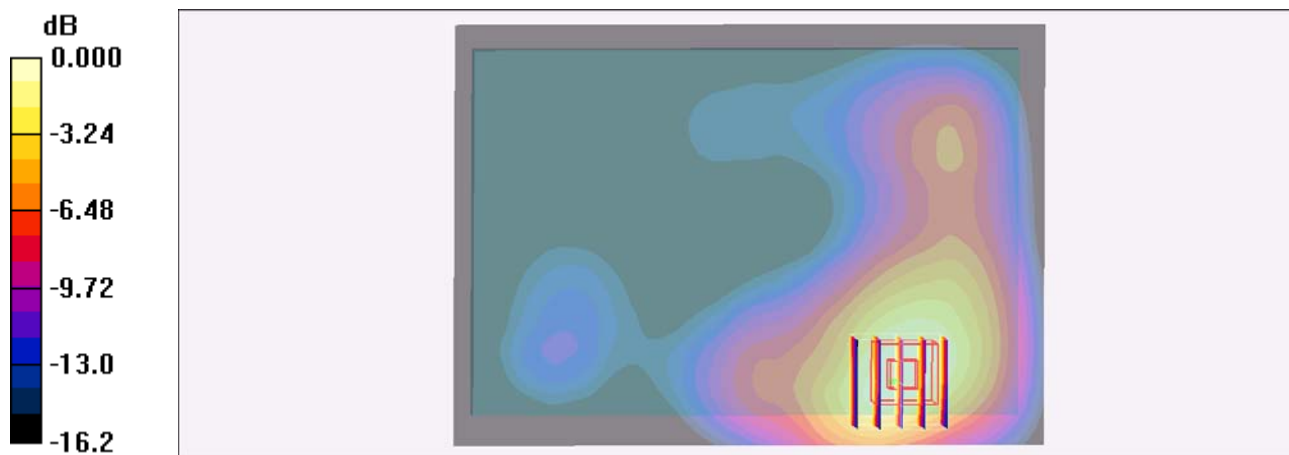
**Ch1312/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.80 V/m; Power Drift = 0.175 dB

Peak SAR (extrapolated) = 1.28 W/kg

**SAR(1 g) = 0.829 mW/g; SAR(10 g) = 0.507 mW/g**

Maximum value of SAR (measured) = 0.899 mW/g



0 dB = 0.899mW/g



## #05 WCDMA IV\_RMC12.2K\_Secondary Landscape\_0.75cm\_Ch1312

### DUT: 1D0804

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: MSL\_1800\_111206 Medium parameters used :  $f = 1712.4$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 52.2$ ;

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.62, 7.62, 7.62); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1312/Area Scan (41x151x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.816 mW/g

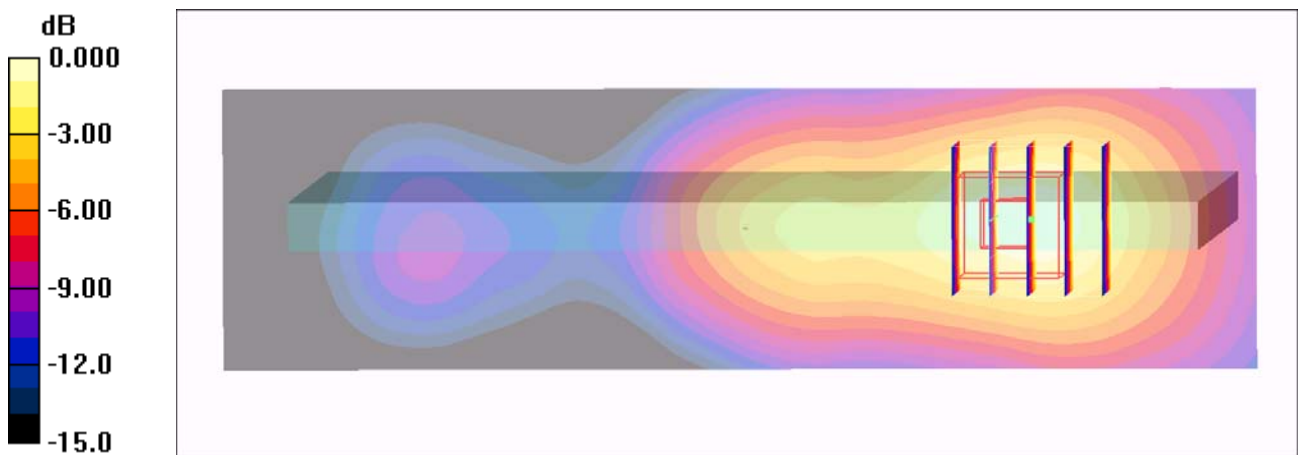
**Ch1312/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.1 V/m; Power Drift = -0.085 dB

Peak SAR (extrapolated) = 1.29 W/kg

**SAR(1 g) = 0.781 mW/g; SAR(10 g) = 0.464 mW/g**

Maximum value of SAR (measured) = 0.850 mW/g



0 dB = 0.850mW/g

### #06 WCDMA IV\_RMC12.2K\_Primary Portrait\_0cm\_Ch1312\_Earphone

**DUT: 1D0804**

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: MSL\_1800\_111206 Medium parameters used :  $f = 1712.4$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 52.2$ ;

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.62, 7.62, 7.62); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1312/Area Scan (41x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.246 mW/g

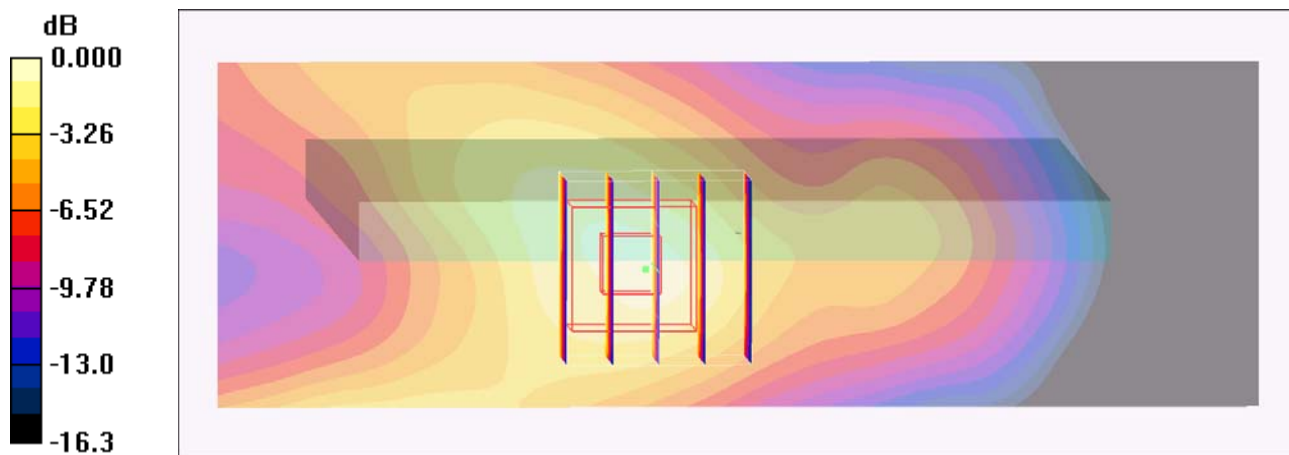
**Ch1312/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.6 V/m; Power Drift = -0.082 dB

Peak SAR (extrapolated) = 0.441 W/kg

**SAR(1 g) = 0.258 mW/g; SAR(10 g) = 0.147 mW/g**

Maximum value of SAR (measured) = 0.284 mW/g



0 dB = 0.284mW/g

### #07 WCDMA IV\_RMC12.2K\_Bottom Face\_1cm\_Ch1413\_Earphone

**DUT: 1D0804**

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: MSL\_1800\_111206 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.62, 7.62, 7.62); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1413/Area Scan (51x141x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.976 mW/g

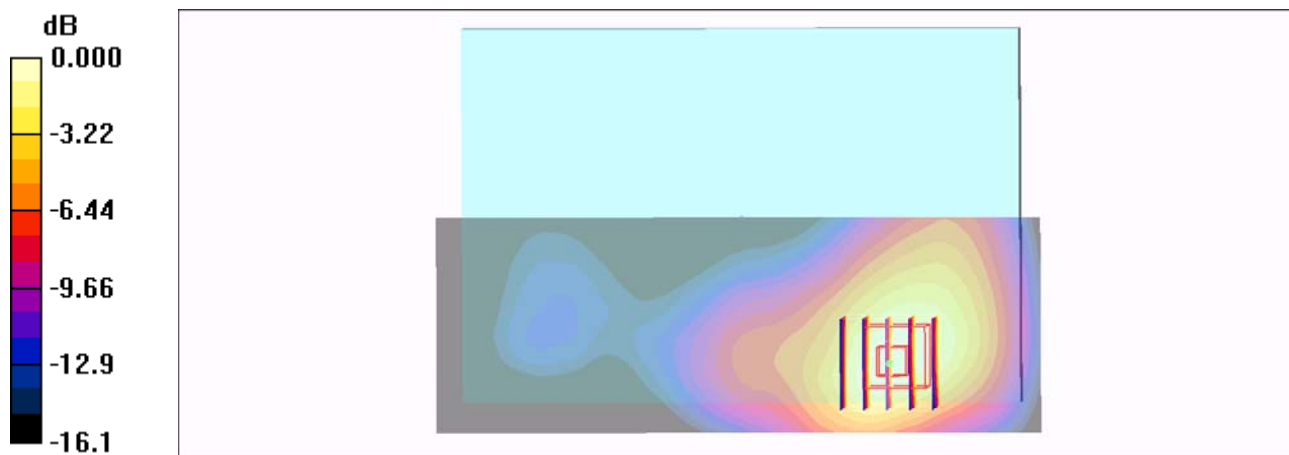
**Ch1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.27 V/m; Power Drift = 0.160 dB

Peak SAR (extrapolated) = 1.39 W/kg

**SAR(1 g) = 0.890 mW/g; SAR(10 g) = 0.545 mW/g**

Maximum value of SAR (measured) = 0.969 mW/g



0 dB = 0.969mW/g

### #07 WCDMA IV\_RMC12.2K\_Bottom Face\_1cm\_Ch1413\_Earphone\_2D

**DUT: 1D0804**

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: MSL\_1800\_111206 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.62, 7.62, 7.62); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1413/Area Scan (51x141x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.976 mW/g

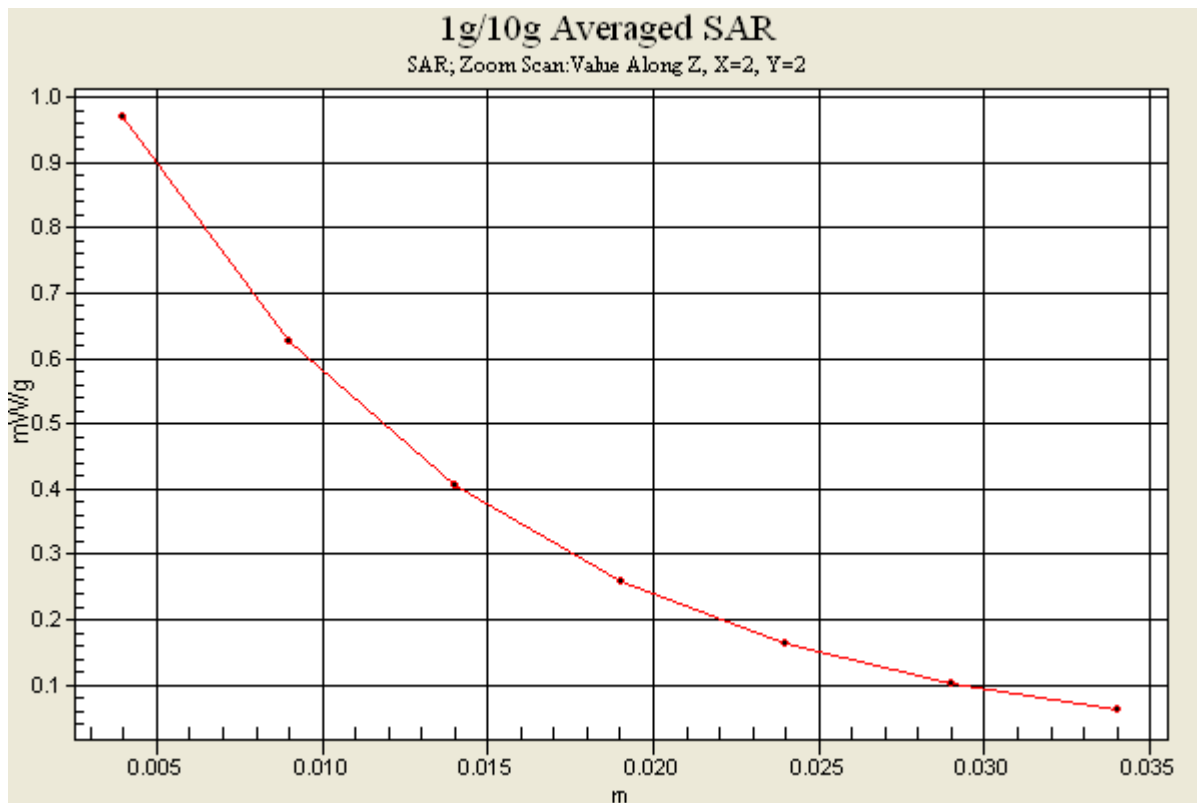
**Ch1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.27 V/m; Power Drift = 0.160 dB

Peak SAR (extrapolated) = 1.39 W/kg

**SAR(1 g) = 0.890 mW/g; SAR(10 g) = 0.545 mW/g**

Maximum value of SAR (measured) = 0.969 mW/g



### #08 WCDMA IV\_RMC12.2K\_Bottom Face\_1cm\_Ch1513\_Earphone

**DUT: 1D0804**

Communication System: WCDMA; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: MSL\_1800\_111206 Medium parameters used:  $f = 1753$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.62, 7.62, 7.62); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1513/Area Scan (51x141x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.974 mW/g

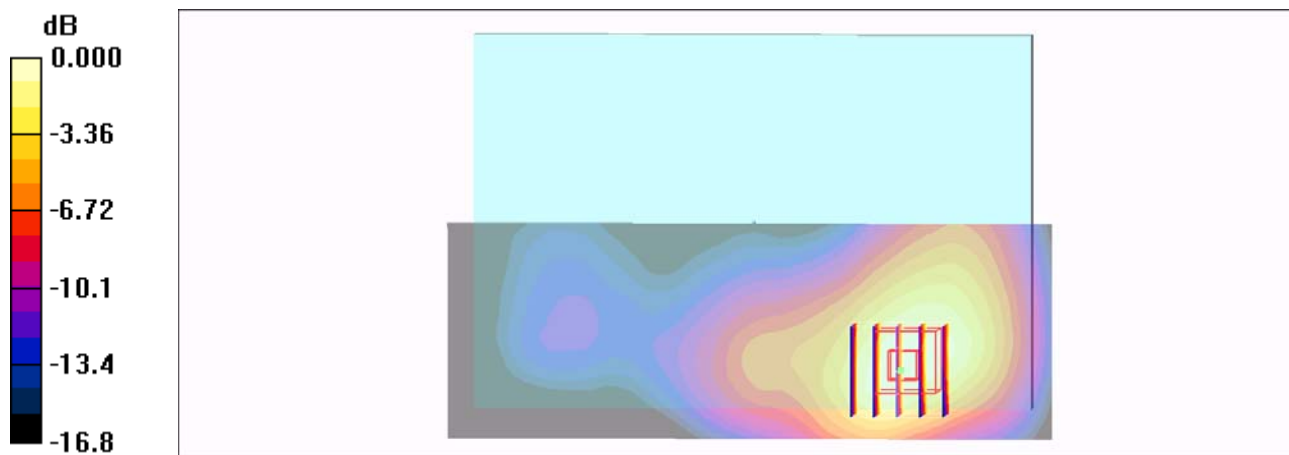
**Ch1513/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.81 V/m; Power Drift = 0.081 dB

Peak SAR (extrapolated) = 1.40 W/kg

**SAR(1 g) = 0.885 mW/g; SAR(10 g) = 0.541 mW/g**

Maximum value of SAR (measured) = 0.964 mW/g



0 dB = 0.964mW/g

### #14 WCDMA IV\_RMC12.2K\_Bottom Face\_0cm\_Ch1312\_Earphone

**DUT: 1D0804**

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: MSL\_1800\_111206 Medium parameters used:  $f = 1712.4$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 52.2$ ;

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.62, 7.62, 7.62); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1312/Area Scan (101x141x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.23 mW/g

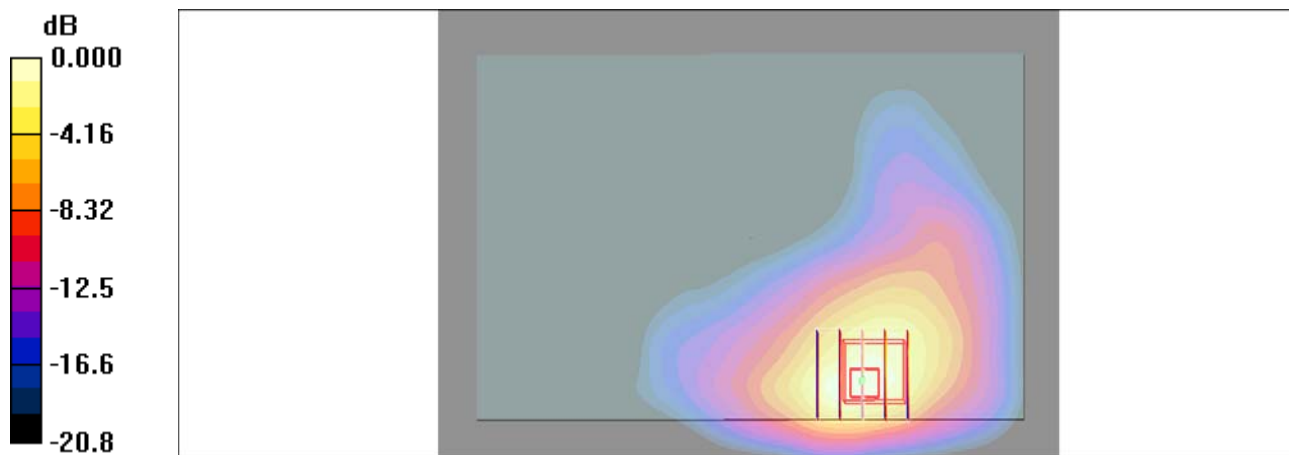
**Ch1312/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.97 V/m; Power Drift = 0.127 dB

Peak SAR (extrapolated) = 2.17 W/kg

**SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.589 mW/g**

Maximum value of SAR (measured) = 1.23 mW/g



0 dB = 1.23mW/g

### #15 WCDMA IV\_RMC12.2K\_Secondary Landscape\_0cm\_Ch1312

#### DUT: 1D0804

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: MSL\_1800\_111206 Medium parameters used:  $f = 1712.4$  MHz;  $\sigma = 1.47$  mho/m;  $\epsilon_r = 52.2$ ;

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.62, 7.62, 7.62); Calibrated: 2011/6/20

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

- Electronics: DAE4 Sn778; Calibrated: 2011/11/22

- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026

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

**Ch1312/Area Scan (41x141x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.791 mW/g

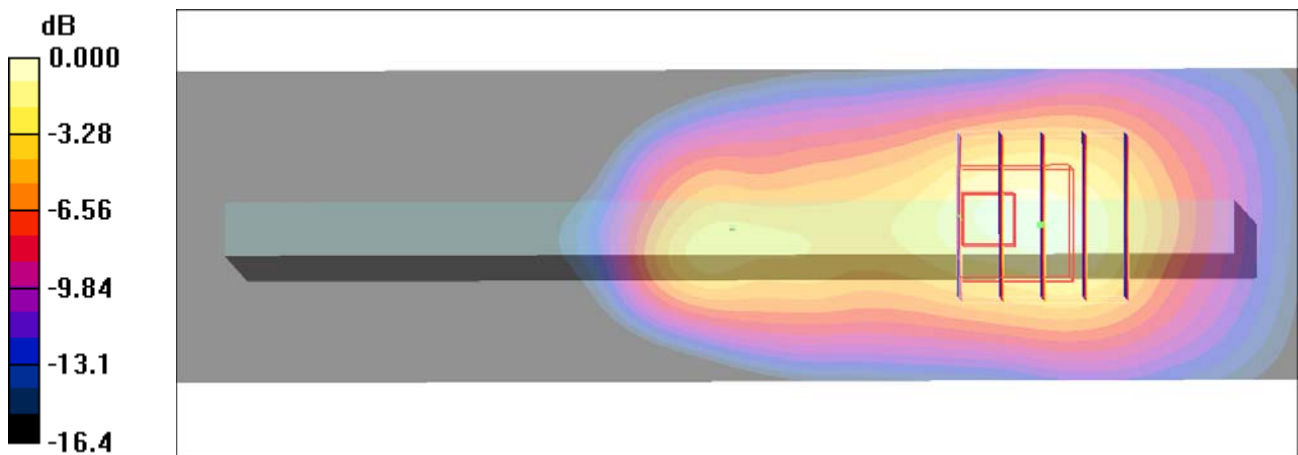
**Ch1312/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.7 V/m; Power Drift = 0.029 dB

Peak SAR (extrapolated) = 1.42 W/kg

**SAR(1 g) = 0.737 mW/g; SAR(10 g) = 0.402 mW/g**

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



0 dB = 0.852mW/g

### #16 WCDMA IV\_RMC12.2K\_Bottom Face\_0cm\_Ch1413\_Earphone

**DUT: 1D0804**

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: MSL\_1800\_111206 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.5$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.62, 7.62, 7.62); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1413/Area Scan (51x141x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.34 mW/g

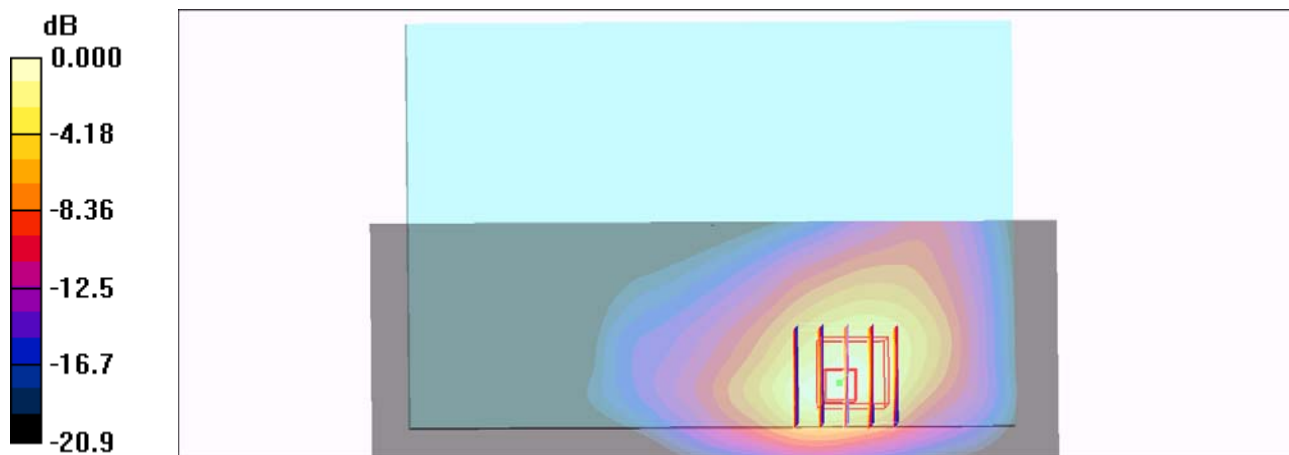
**Ch1413/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.19 V/m; Power Drift = 0.028 dB

Peak SAR (extrapolated) = 2.40 W/kg

**SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.635 mW/g**

Maximum value of SAR (measured) = 1.35 mW/g



0 dB = 1.35mW/g



## #17 WCDMA IV\_RMC12.2K\_Bottom Face\_0cm\_Ch1513\_Earphone

### DUT: 1D0804

Communication System: WCDMA; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: MSL\_1800\_111206 Medium parameters used:  $f = 1753$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 52.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.62, 7.62, 7.62); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1513/Area Scan (51x141x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.39 mW/g

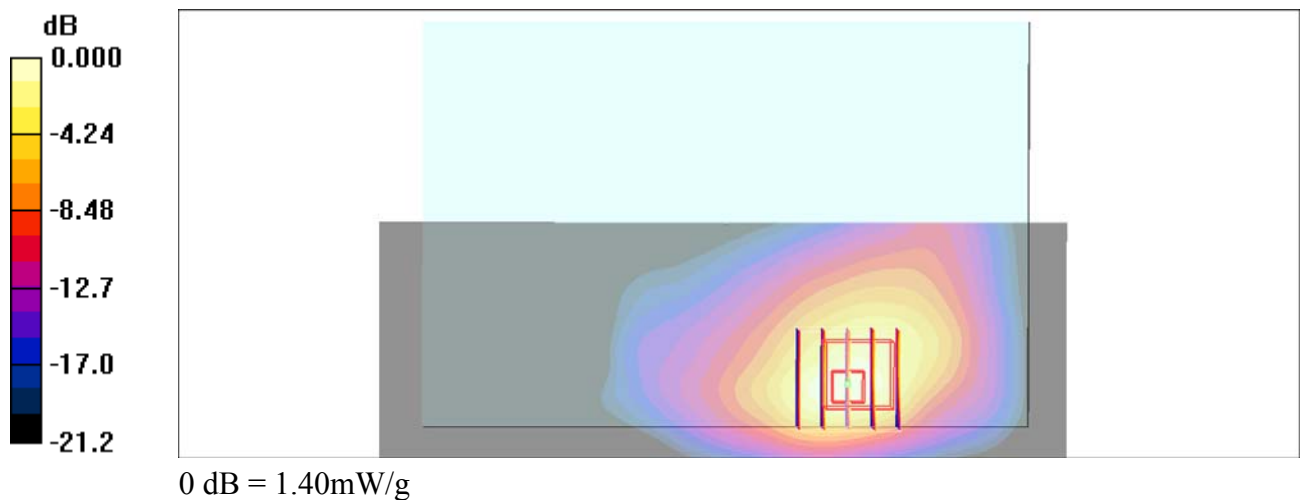
**Ch1513/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.31 V/m; Power Drift = 0.125 dB

Peak SAR (extrapolated) = 2.49 W/kg

**SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.649 mW/g**

Maximum value of SAR (measured) = 1.40 mW/g



### #17 WCDMA IV\_RMC12.2K\_Bottom Face\_0cm\_Ch1513\_Earphone\_2D

#### DUT: 1D0804

Communication System: WCDMA; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: MSL\_1800\_111206 Medium parameters used:  $f = 1753$  MHz;  $\sigma = 1.52$  mho/m;  $\epsilon_r = 52.2$ ;

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

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

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.62, 7.62, 7.62); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1513/Area Scan (51x141x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.39 mW/g

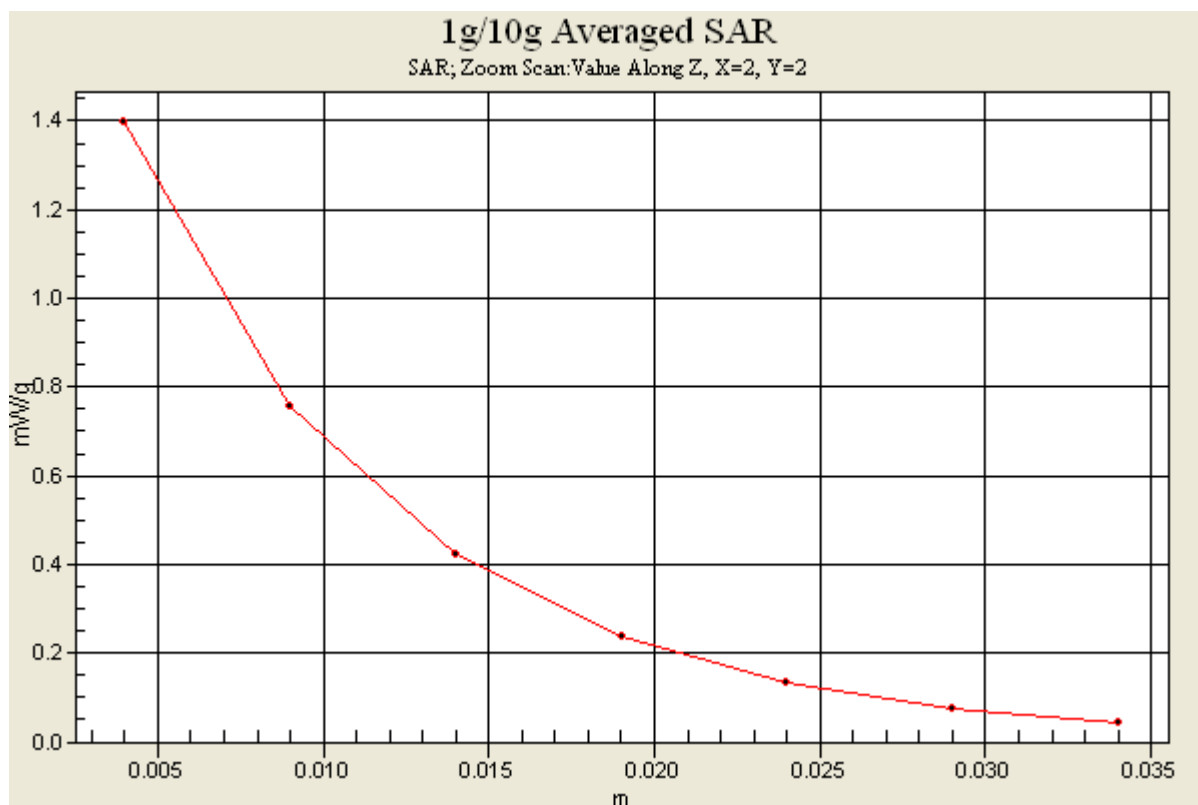
**Ch1513/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.31 V/m; Power Drift = 0.125 dB

Peak SAR (extrapolated) = 2.49 W/kg

**SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.649 mW/g**

Maximum value of SAR (measured) = 1.40 mW/g



### #01 WCDMA II\_RMC12.2K\_Bottom Face\_1cm\_Ch9262\_Earphone

**DUT: 1D0804**

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

Medium: MSL\_1900\_111206 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r =$

$54.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20

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

- Electronics: DAE4 Sn778; Calibrated: 2011/11/22

- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026

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

**Ch9262/Area Scan (111x151x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.858 mW/g

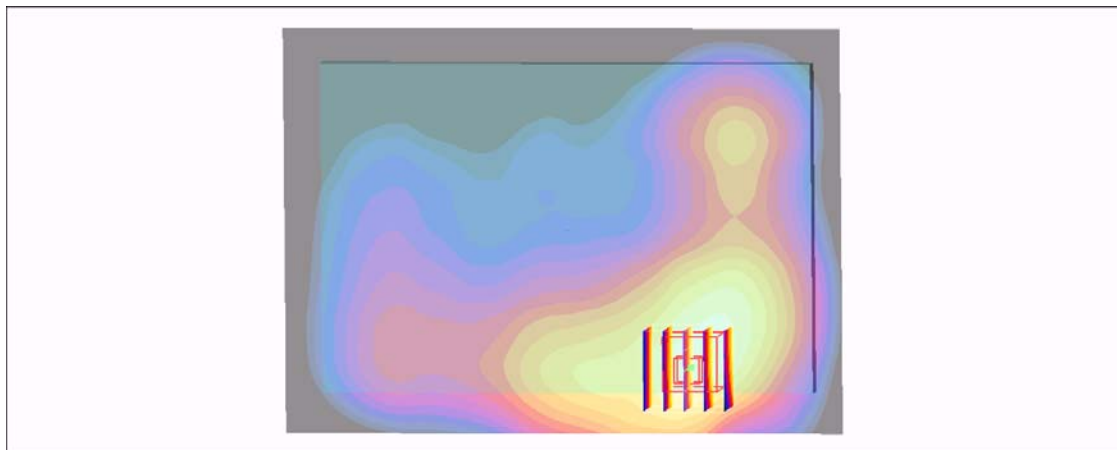
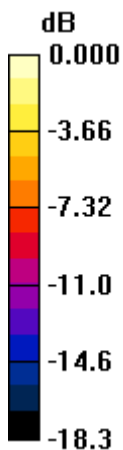
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.71 V/m; Power Drift = 0.038 dB

Peak SAR (extrapolated) = 1.24 W/kg

**SAR(1 g) = 0.743 mW/g; SAR(10 g) = 0.445 mW/g**

Maximum value of SAR (measured) = 0.801 mW/g



0 dB = 0.801mW/g

### #01 WCDMA II\_RMC12.2K\_Bottom Face\_1cm\_Ch9262\_Earphone\_2D

**DUT: 1D0804**

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

Medium: MSL\_1900\_111206 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r =$

$54.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20

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

- Electronics: DAE4 Sn778; Calibrated: 2011/11/22

- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026

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

**Ch9262/Area Scan (11x15x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.858 mW/g

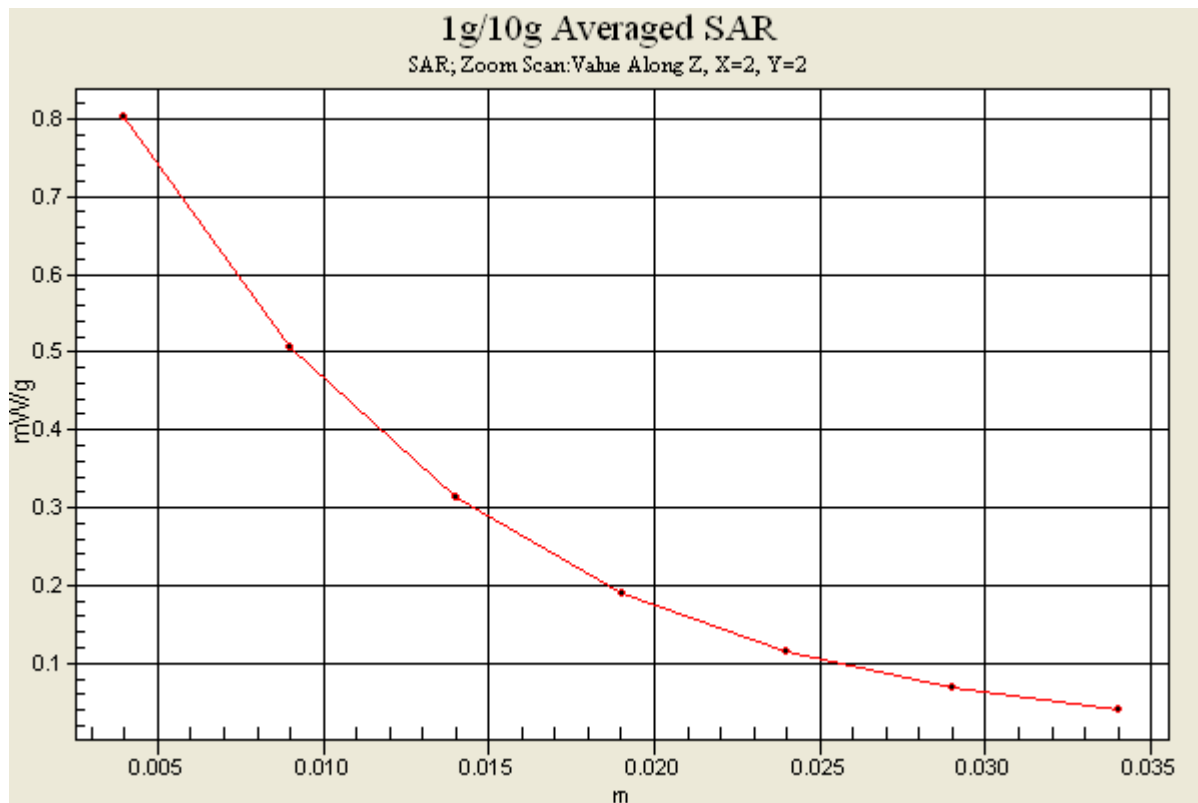
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.71 V/m; Power Drift = 0.038 dB

Peak SAR (extrapolated) = 1.24 W/kg

**SAR(1 g) = 0.743 mW/g; SAR(10 g) = 0.445 mW/g**

Maximum value of SAR (measured) = 0.801 mW/g



## #02 WCDMA II\_RMC12.2K\_Secondary Landscape\_0.75cm\_Ch9262

### DUT: 1D0804

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

Medium: MSL\_1900\_111206 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 54.3$ ;

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9262/Area Scan (41x151x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.788 mW/g

**Ch9262/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.4 V/m; Power Drift = -0.059 dB

Peak SAR (extrapolated) = 1.15 W/kg

**SAR(1 g) = 0.694 mW/g; SAR(10 g) = 0.386 mW/g**

Maximum value of SAR (measured) = 0.767 mW/g

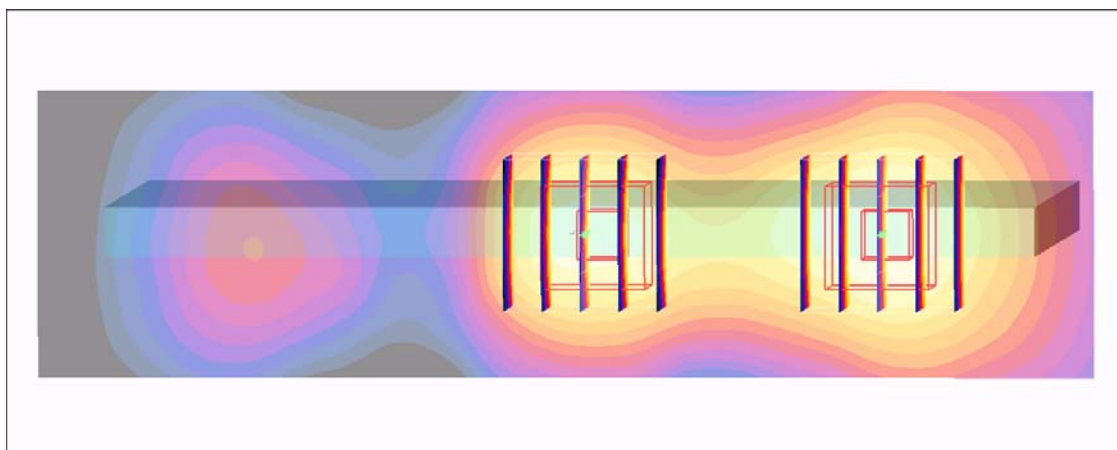
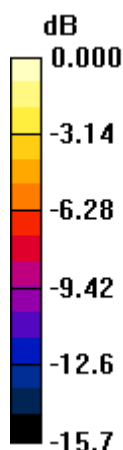
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.4 V/m; Power Drift = -0.059 dB

Peak SAR (extrapolated) = 1.13 W/kg

**SAR(1 g) = 0.688 mW/g; SAR(10 g) = 0.409 mW/g**

Maximum value of SAR (measured) = 0.739 mW/g



0 dB = 0.739mW/g

### #03 WCDMA II\_RMC12.2K\_Primary Portrait\_0cm\_Ch9262\_Earphone

**DUT: 1D0804**

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

Medium: MSL\_1900\_111206 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 54.3$ ;

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9262/Area Scan (41x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.229 mW/g

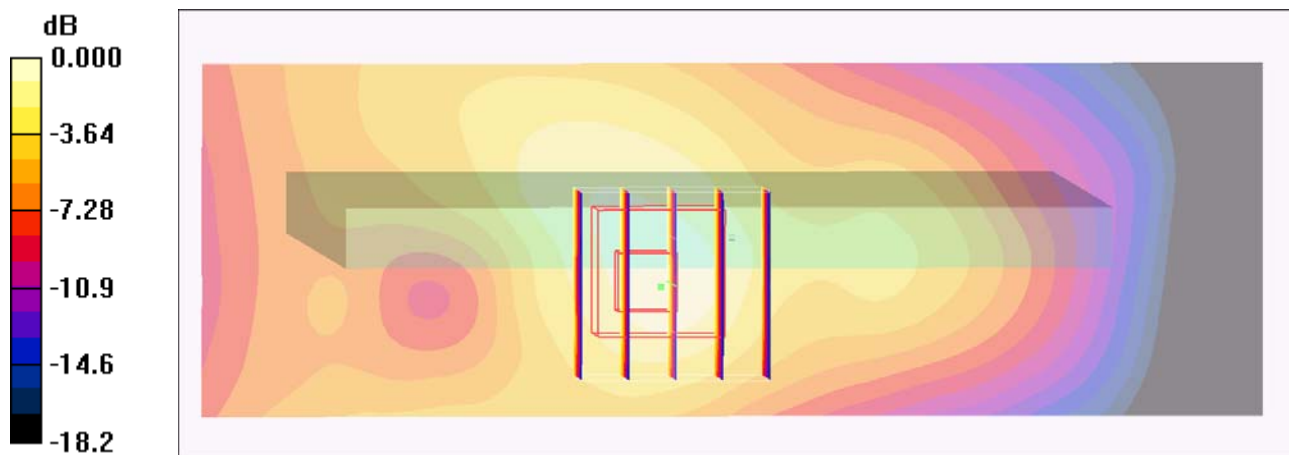
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.1 V/m; Power Drift = -0.122 dB

Peak SAR (extrapolated) = 0.391 W/kg

**SAR(1 g) = 0.220 mW/g; SAR(10 g) = 0.124 mW/g**

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



0 dB = 0.237mW/g

### #10 WCDMA II\_RMC12.2K\_Bottom Face\_0cm\_Ch9262\_Earphone

**DUT: 1D0804**

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

Medium: MSL\_1900\_111206 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 54.3$ ;

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9262/Area Scan (101x141x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.45 mW/g

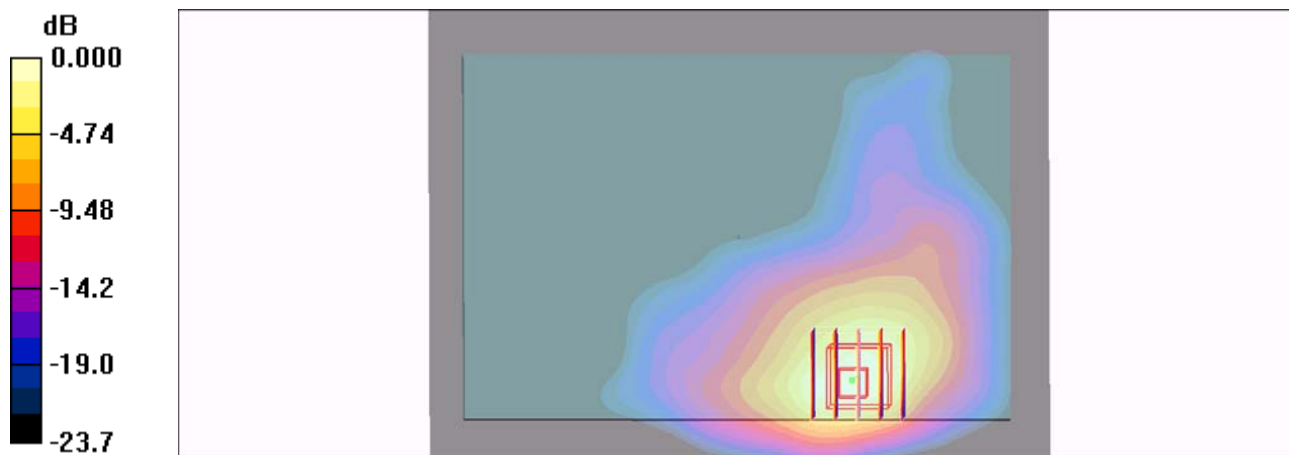
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.25 V/m; Power Drift = 0.184 dB

Peak SAR (extrapolated) = 2.51 W/kg

**SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.603 mW/g**

Maximum value of SAR (measured) = 1.32 mW/g



0 dB = 1.32mW/g

## #11 WCDMA II\_RMC12.2K\_Secondary Landscape\_0cm\_Ch9262

**DUT: 1D0804**

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

Medium: MSL\_1900\_111206 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.48$  mho/m;  $\epsilon_r = 54.3$ ;

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20

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

- Electronics: DAE4 Sn778; Calibrated: 2011/11/22

- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026

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

**Ch9262/Area Scan (41x141x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.752 mW/g

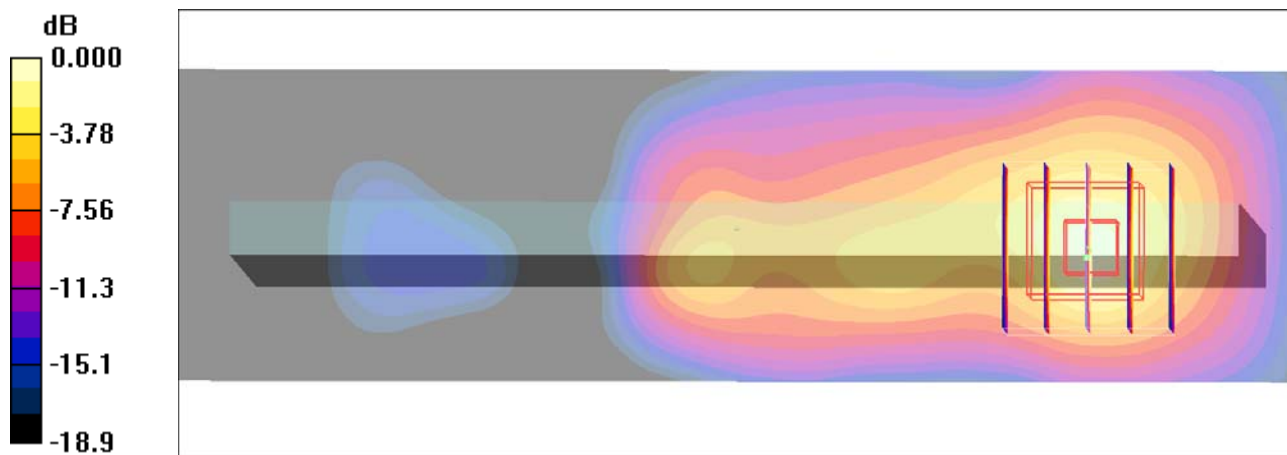
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.4 V/m; Power Drift = -0.173 dB

Peak SAR (extrapolated) = 1.34 W/kg

**SAR(1 g) = 0.722 mW/g; SAR(10 g) = 0.370 mW/g**

Maximum value of SAR (measured) = 0.845 mW/g



0 dB = 0.845mW/g



## #12 WCDMA II\_RMC12.2K\_Bottom Face\_0cm\_Ch9400\_Earphone

**DUT: 1D0804**

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

Medium: MSL\_1900\_111206 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.51$  mho/m;  $\epsilon_r = 54.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9400/Area Scan (51x141x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.37 mW/g

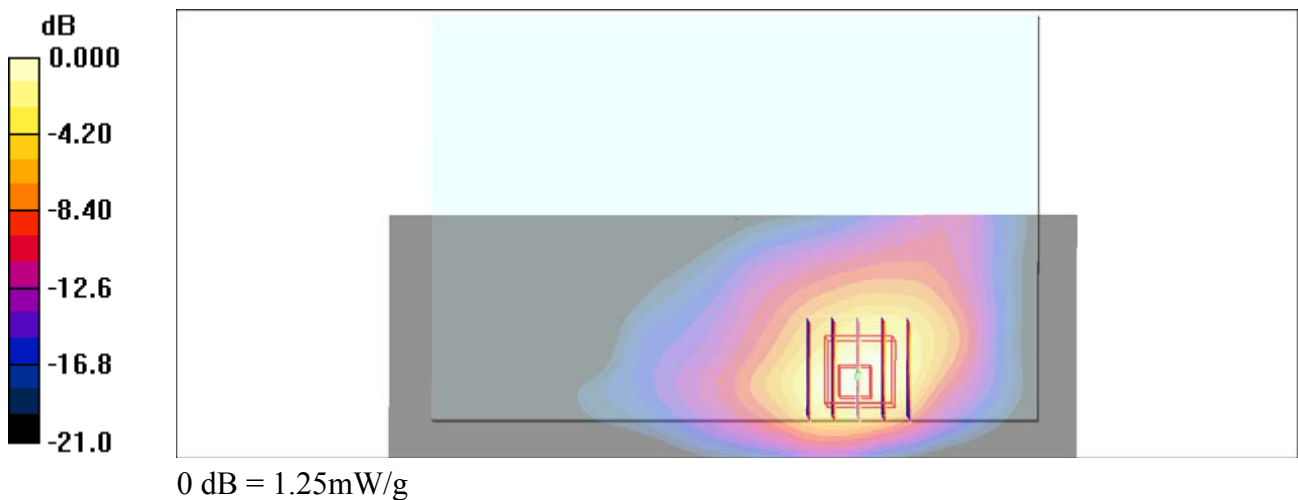
**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.14 V/m; Power Drift = 0.195 dB

Peak SAR (extrapolated) = 2.46 W/kg

**SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.566 mW/g**

Maximum value of SAR (measured) = 1.25 mW/g



### #13 WCDMA II\_RMC12.2K\_Bottom Face\_0cm\_Ch9538\_Earphone

**DUT: 1D0804**

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

Medium: MSL\_1900\_111206 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.54$  mho/m;  $\epsilon_r = 54.1$ ;  $\rho$

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9538/Area Scan (51x141x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.47 mW/g

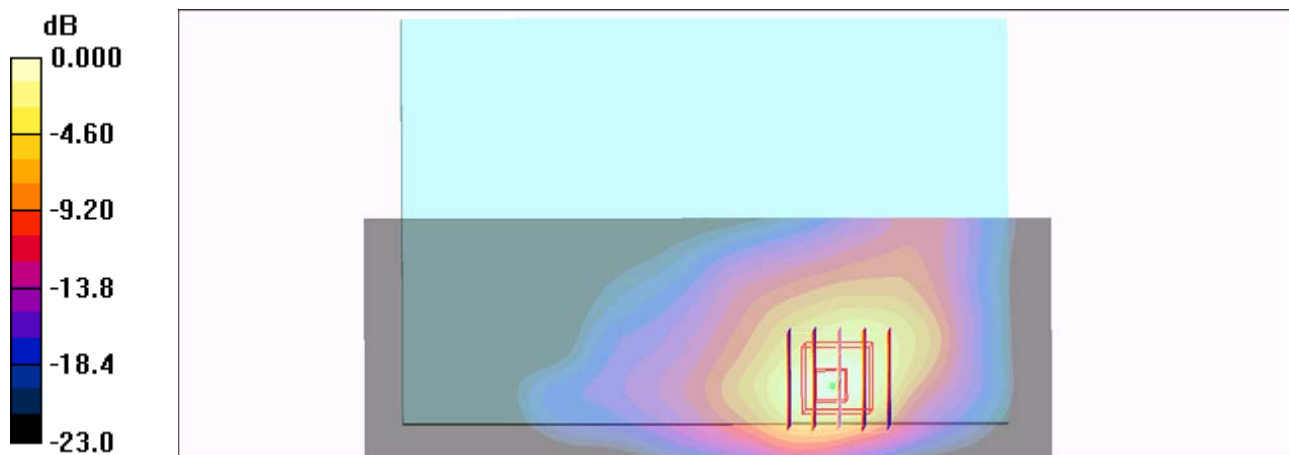
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.10 V/m; Power Drift = 0.119 dB

Peak SAR (extrapolated) = 2.73 W/kg

**SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.621 mW/g**

Maximum value of SAR (measured) = 1.43 mW/g



0 dB = 1.43mW/g

### #13 WCDMA II\_RMC12.2K\_Bottom Face\_0cm\_Ch9538\_Earphone\_2D

**DUT: 1D0804**

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

Medium: MSL\_1900\_111206 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.54$  mho/m;  $\epsilon_r = 54.1$ ;

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

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.17, 7.17, 7.17); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch9538/Area Scan (51x141x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.47 mW/g

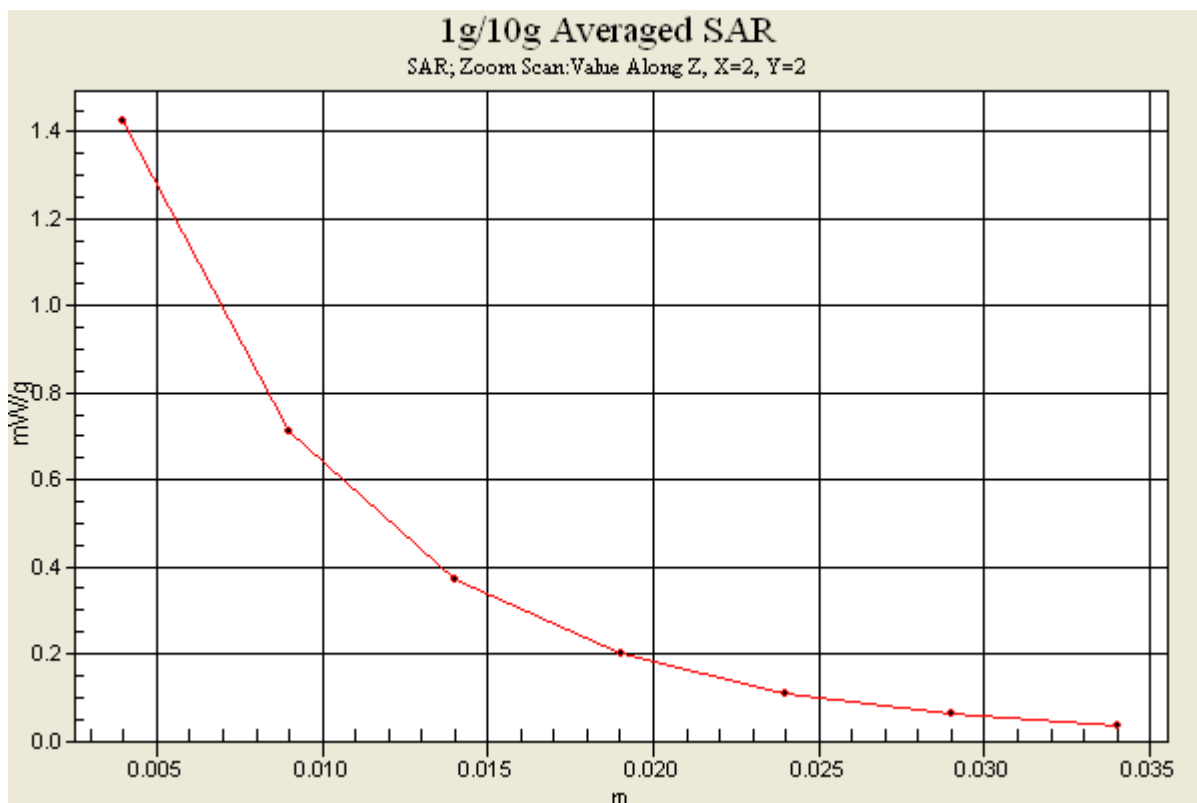
**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.10 V/m; Power Drift = 0.119 dB

Peak SAR (extrapolated) = 2.73 W/kg

**SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.621 mW/g**

Maximum value of SAR (measured) = 1.43 mW/g



### #101 802.11b\_Bottom Face\_0cm\_Ch11\_Earphone

**DUT: 1O2838**

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_111226 Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 2.03 \text{ mho/m}$ ;  $\epsilon_r = 53.8$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.67, 6.67, 6.67); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch11/Area Scan (81x111x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 1.18 mW/g

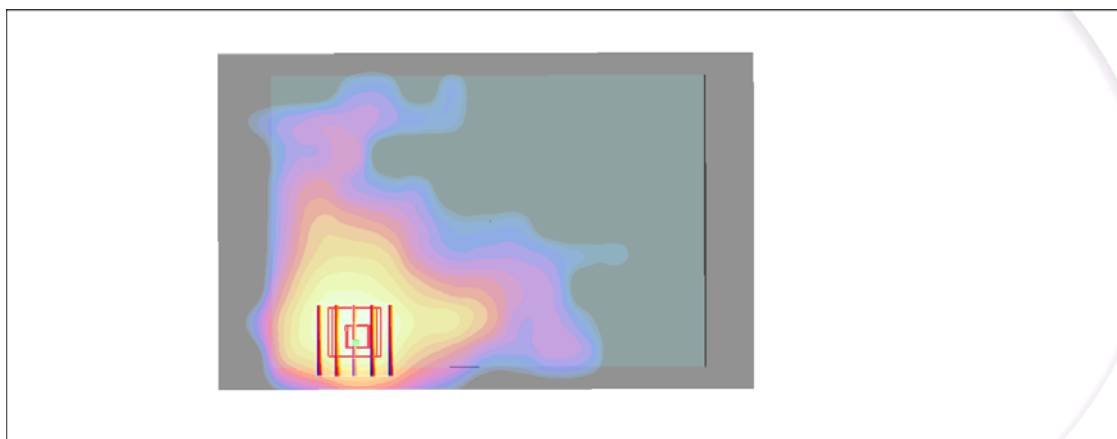
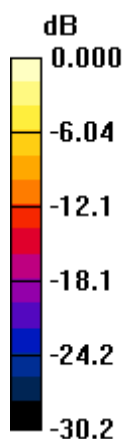
**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 0.905 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 2.12 W/kg

**SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.512 mW/g**

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



0 dB = 1.14mW/g

### #102 802.11b\_Secondary Landscape\_0cm\_Ch11

**DUT: 1O2838**

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_111226 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.03$  mho/m;  $\epsilon_r = 53.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.67, 6.67, 6.67); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch11/Area Scan (41x161x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.768 mW/g

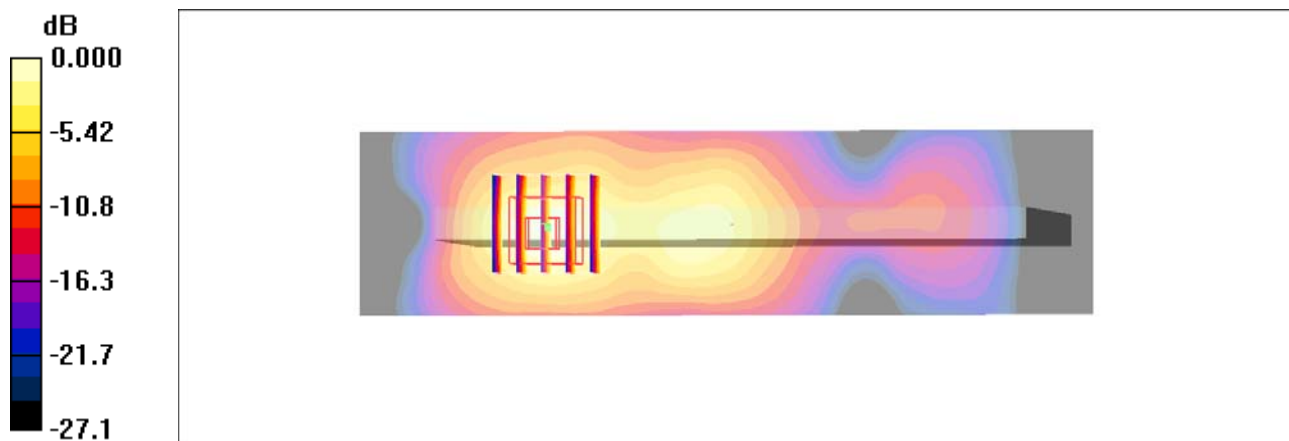
**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.9 V/m; Power Drift = 0.019 dB

Peak SAR (extrapolated) = 1.44 W/kg

**SAR(1 g) = 0.659 mW/g; SAR(10 g) = 0.304 mW/g**

Maximum value of SAR (measured) = 0.714 mW/g



0 dB = 0.714mW/g

### #103 802.11b\_Secondary Portrait\_0cm\_Ch11\_Earphone

**DUT: 1O2838**

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_111226 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.03$  mho/m;  $\epsilon_r = 53.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.67, 6.67, 6.67); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch11/Area Scan (31x81x1):** Measurement grid: dx=20mm, dy=20mm

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

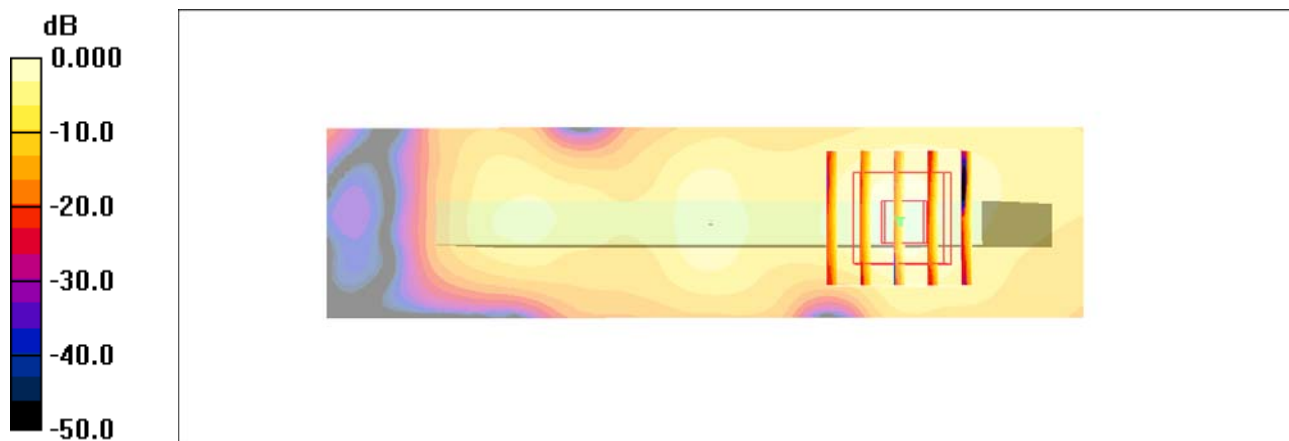
**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.71 V/m; Power Drift = 0.074 dB

Peak SAR (extrapolated) = 0.258 W/kg

**SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.046 mW/g**

Maximum value of SAR (measured) = 0.137 mW/g



0 dB = 0.137mW/g

## #104 802.11b\_Bottom Face\_0cm\_Ch1\_Earphone

### DUT: 1O2838

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

Medium: MSL\_2450\_111226 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.95$  mho/m;  $\epsilon_r = 53.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.67, 6.67, 6.67); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch1/Area Scan (31x11x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.27 mW/g

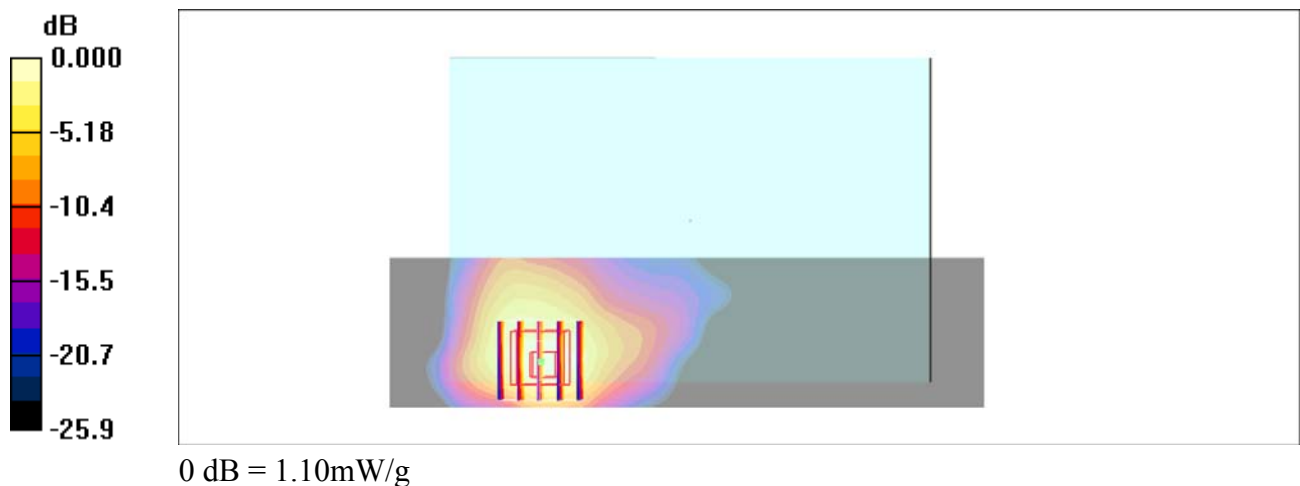
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.563 V/m; Power Drift = 0.117 dB

Peak SAR (extrapolated) = 2.22 W/kg

**SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.506 mW/g**

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



### #105 802.11b\_Bottom Face\_0cm\_Ch6\_Earphone

**DUT: 1O2838**

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_111226 Medium parameters used:  $f = 2437 \text{ MHz}$ ;  $\sigma = 1.99 \text{ mho/m}$ ;  $\epsilon_r = 53.8$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.67, 6.67, 6.67); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch6/Area Scan (31x11x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.36 mW/g

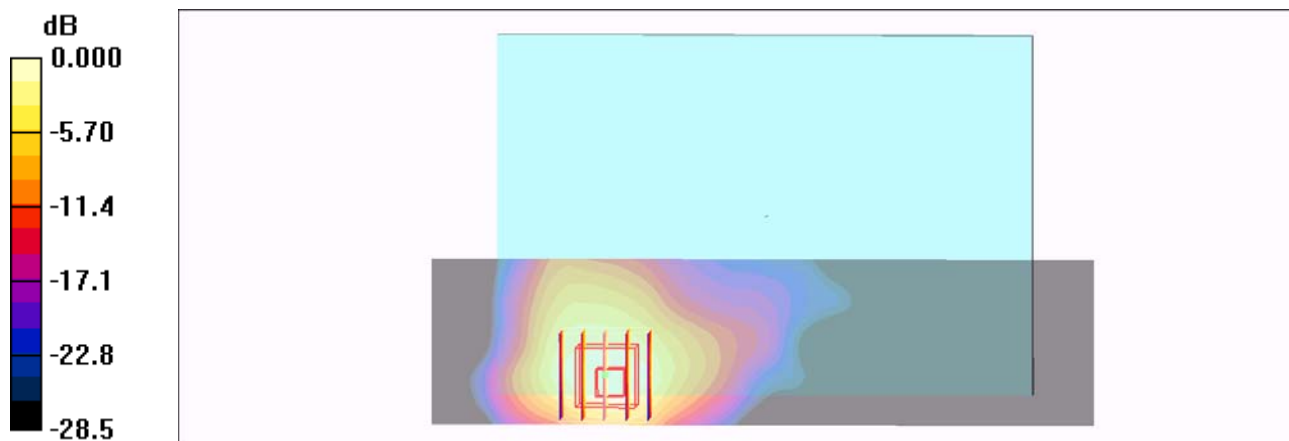
**Ch6/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.557 V/m; Power Drift = 0.134 dB

Peak SAR (extrapolated) = 2.38 W/kg

**SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.548 mW/g**

Maximum value of SAR (measured) = 1.16 mW/g



0 dB = 1.16mW/g



### #105 802.11b\_Bottom Face\_0cm\_Ch6\_Earphone\_2D

#### DUT: 1O2838

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_111226 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.99$  mho/m;  $\epsilon_r = 53.8$ ;

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

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

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.67, 6.67, 6.67); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch6/Area Scan (31x11x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.36 mW/g

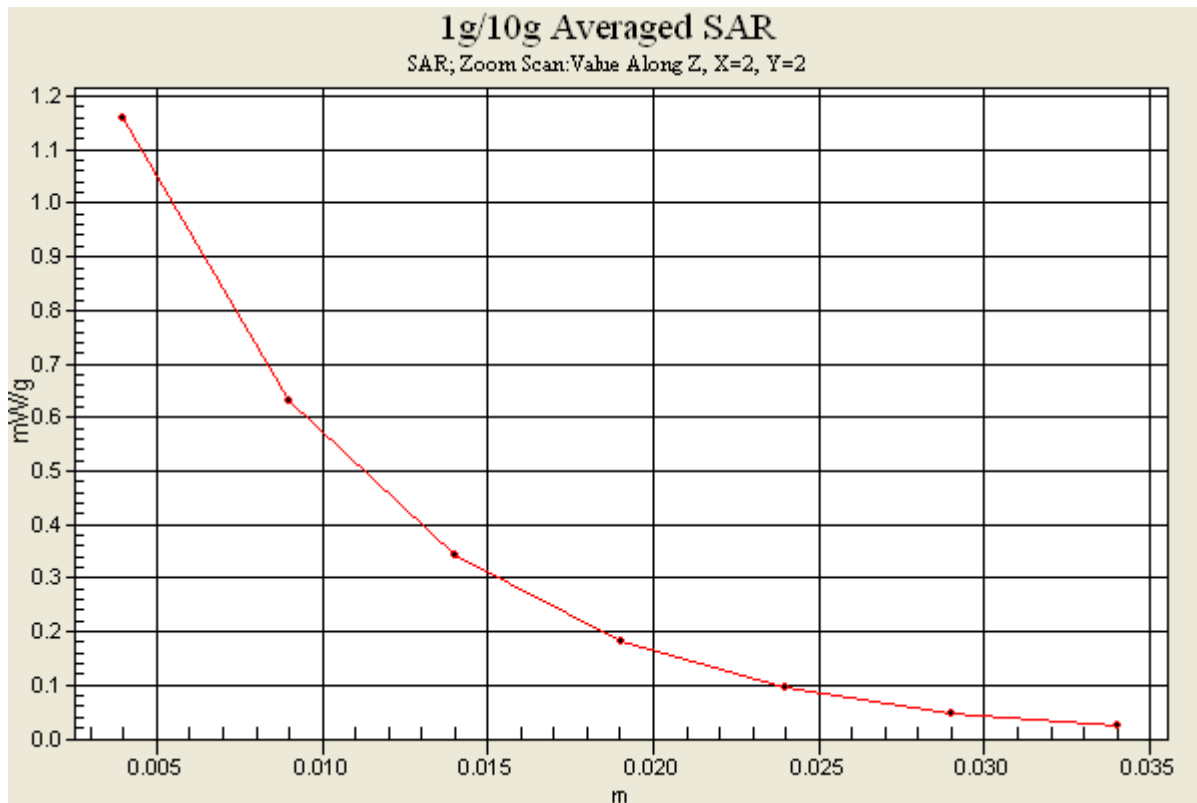
**Ch6/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.557 V/m; Power Drift = 0.134 dB

Peak SAR (extrapolated) = 2.38 W/kg

**SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.548 mW/g**

Maximum value of SAR (measured) = 1.16 mW/g



### #106 802.11b\_Secondary Landscape\_0.75cm\_Ch11

**DUT: 1O2838**

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_111226 Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 2.03 \text{ mho/m}$ ;  $\epsilon_r = 53.8$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.67, 6.67, 6.67); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch11/Area Scan (31x111x1):** Measurement grid:  $dx=20\text{mm}$ ,  $dy=20\text{mm}$

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

**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 9.94 V/m; Power Drift = 0.003 dB

Peak SAR (extrapolated) = 0.410 W/kg

**SAR(1 g) = 0.219 mW/g; SAR(10 g) = 0.116 mW/g**

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

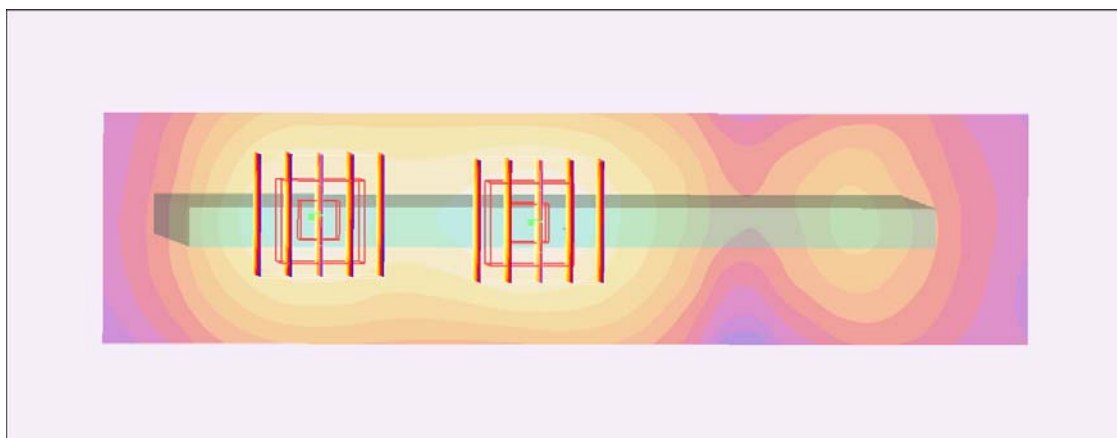
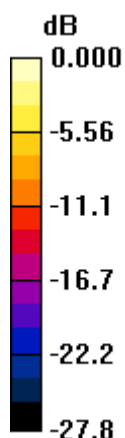
**Ch11/Zoom Scan (5x5x7)/Cube 1:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 9.94 V/m; Power Drift = 0.003 dB

Peak SAR (extrapolated) = 0.381 W/kg

**SAR(1 g) = 0.193 mW/g; SAR(10 g) = 0.098 mW/g**

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



0 dB = 0.211mW/g

### #107 802.11a\_Bottom Face\_0cm\_Ch48\_Earphone

**DUT: 1O2838**

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

Medium: MSL\_5G\_111122 Medium parameters used :  $f = 5240 \text{ MHz}$ ;  $\sigma = 5.36 \text{ mho/m}$ ;  $\epsilon_r = 49.1$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $22.4 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $21.4 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.22, 4.22, 4.22); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch48/Area Scan (161x221x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) =  $1.26 \text{ mW/g}$

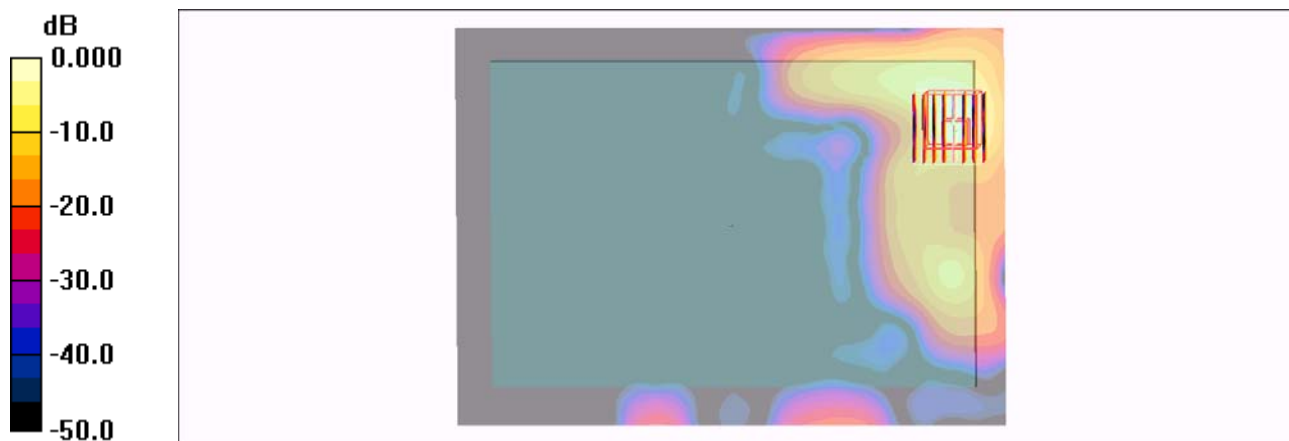
**Ch48/Zoom Scan (8x8x10)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2.5\text{mm}$

Reference Value =  $0.000 \text{ V/m}$ ; Power Drift =  $0.11 \text{ dB}$

Peak SAR (extrapolated) =  $2.26 \text{ W/kg}$

**SAR(1 g) =  $0.570 \text{ mW/g}$ ; SAR(10 g) =  $0.158 \text{ mW/g}$**

Maximum value of SAR (measured) =  $1.22 \text{ mW/g}$



0 dB =  $1.22\text{mW/g}$

### #108 802.11a\_Primary Portrait\_0cm\_Ch48\_Earphone

#### DUT: 1O2838

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

Medium: MSL\_5G\_111122 Medium parameters used :  $f = 5240$  MHz;  $\sigma = 5.36$  mho/m;  $\epsilon_r = 49.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.22, 4.22, 4.22); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch48/Area Scan (41x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.71 mW/g

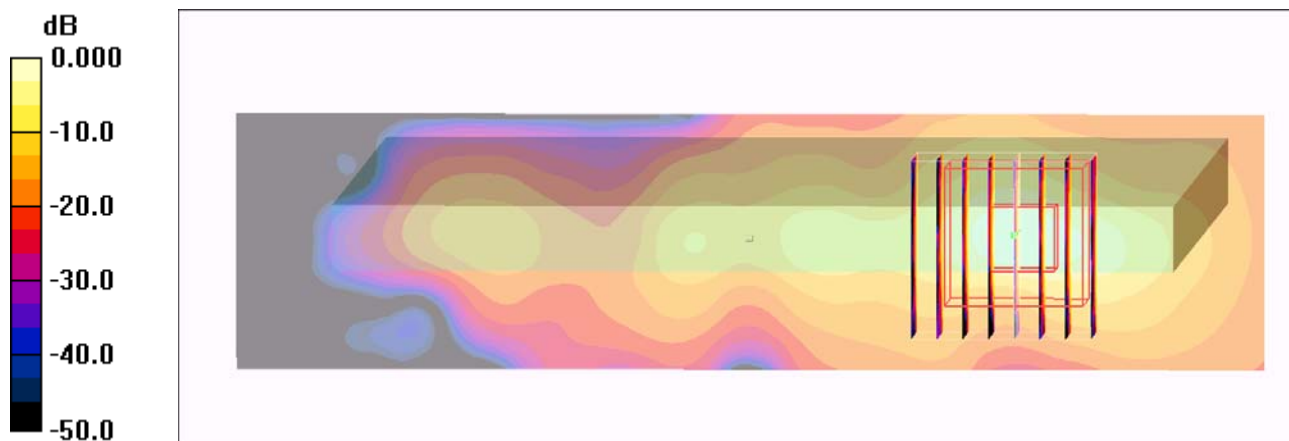
**Ch48/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.50 V/m; Power Drift = -0.148 dB

Peak SAR (extrapolated) = 3.55 W/kg

**SAR(1 g) = 0.775 mW/g; SAR(10 g) = 0.179 mW/g**

Maximum value of SAR (measured) = 1.70 mW/g



0 dB = 1.70mW/g

### #108 802.11a\_Primary Portrait\_0cm\_Ch48\_Earphone\_2D

**DUT: 1O2838**

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

Medium: MSL\_5G\_111122 Medium parameters used :  $f = 5240$  MHz;  $\sigma = 5.36$  mho/m;  $\epsilon_r = 49.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.22, 4.22, 4.22); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch48/Area Scan (41x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.71 mW/g

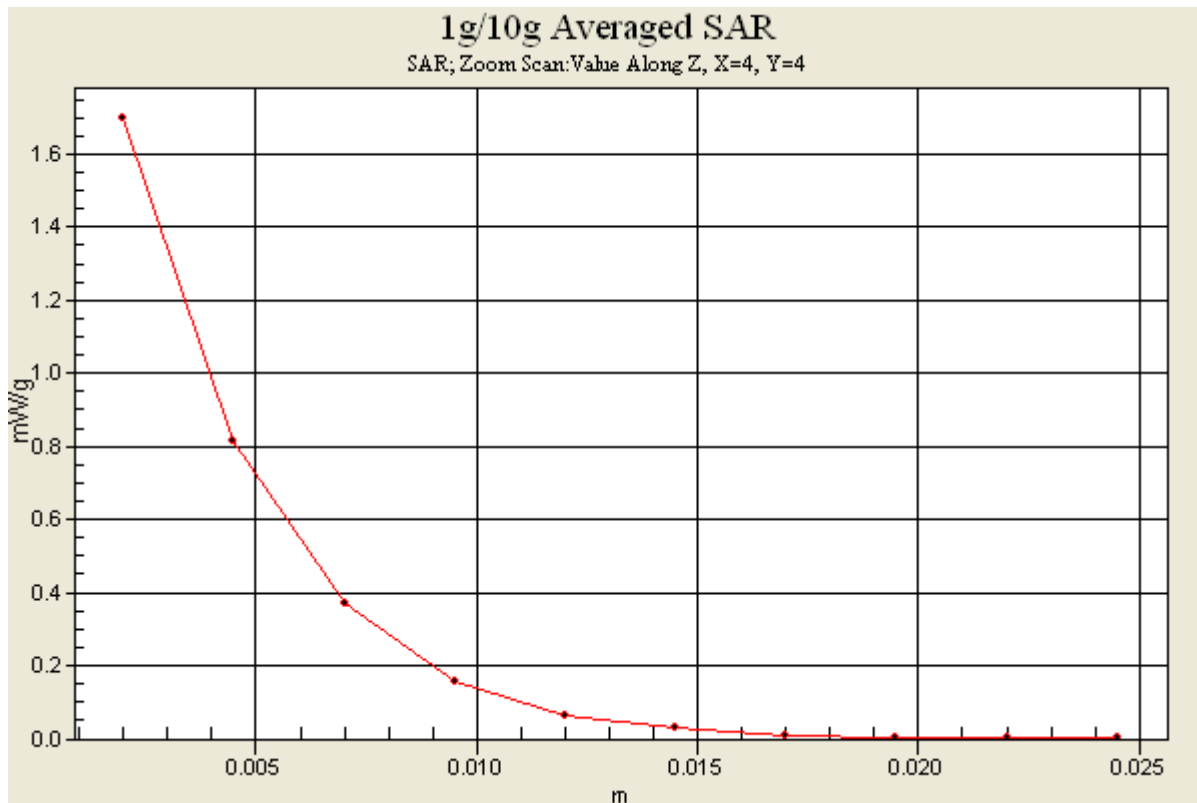
**Ch48/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.50 V/m; Power Drift = -0.148 dB

Peak SAR (extrapolated) = 3.55 W/kg

**SAR(1 g) = 0.775 mW/g; SAR(10 g) = 0.179 mW/g**

Maximum value of SAR (measured) = 1.70 mW/g



## #109 802.11a\_Primary Landscape\_0cm\_Ch48\_Earphone

**DUT: 1O2838**

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

Medium: MSL\_5G\_111122 Medium parameters used :  $f = 5240$  MHz;  $\sigma = 5.36$  mho/m;  $\epsilon_r = 49.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.22, 4.22, 4.22); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch48/Area Scan (41x211x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.225 mW/g

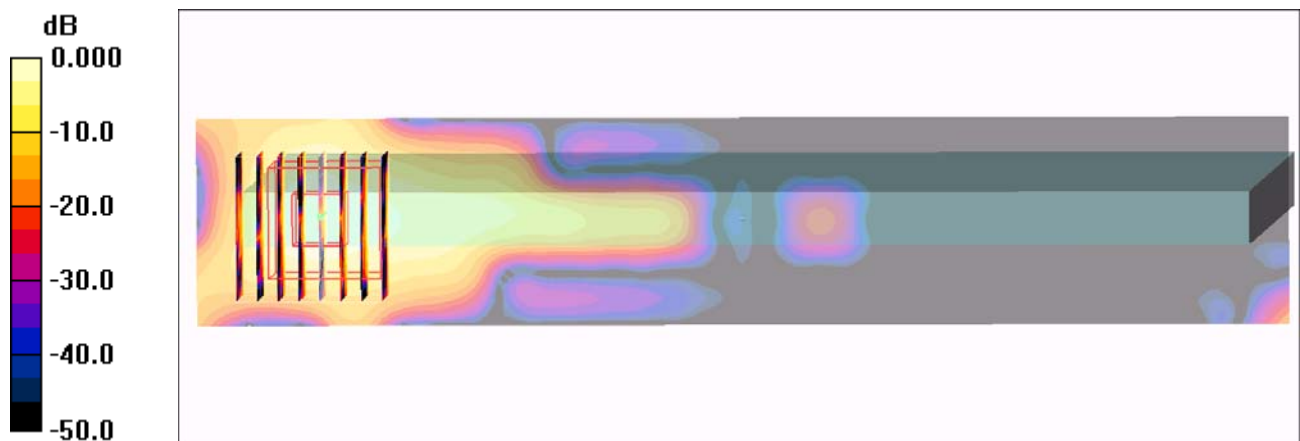
**Ch48/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.10 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.339 W/kg

**SAR(1 g) = 0.096 mW/g; SAR(10 g) = 0.028 mW/g**

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



0 dB = 0.196mW/g

### #147 802.11a\_Bottom Face\_0cm\_Ch64\_Earphone

**DUT: 1O2838**

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

Medium: MSL\_5G\_111122 Medium parameters used :  $f = 5320$  MHz;  $\sigma = 5.47$  mho/m;  $\epsilon_r = 48.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.93, 3.93, 3.93); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch64/Area Scan (151x211x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.68 mW/g

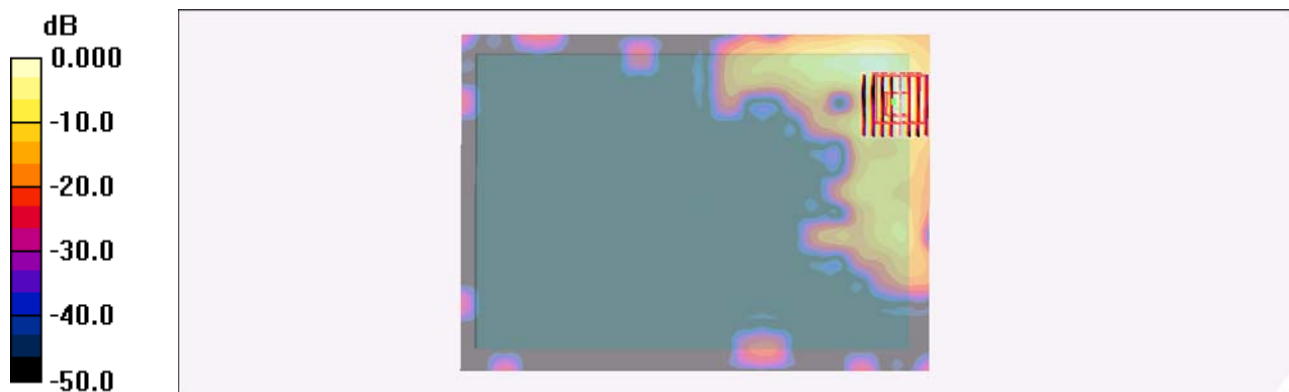
**Ch64/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.173 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 3.50 W/kg

**SAR(1 g) = 0.844 mW/g; SAR(10 g) = 0.235 mW/g**

Maximum value of SAR (measured) = 1.72 mW/g



0 dB = 1.72mW/g

### #148 802.11a\_Primary Portrait\_0cm\_Ch64\_Earphone

**DUT: 1O2838**

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

Medium: MSL\_5G Medium parameters used :  $f = 5320$  MHz;  $\sigma = 5.47$  mho/m;  $\epsilon_r = 48.9$ ;  $\rho = 1000$

kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.93, 3.93, 3.93); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch64/Area Scan (41x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.94 mW/g

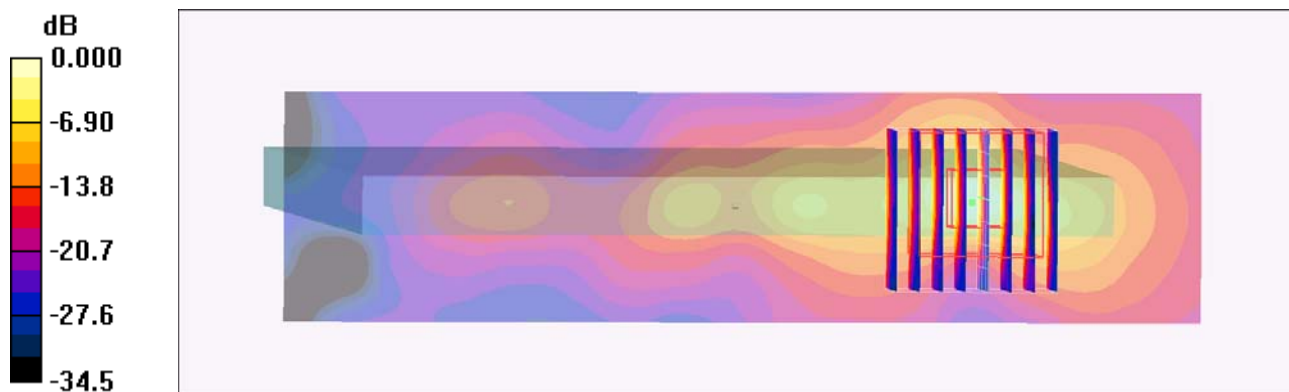
**Ch64/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.81 V/m; Power Drift = 0.157 dB

Peak SAR (extrapolated) = 6.06 W/kg

**SAR(1 g) = 1.29 mW/g; SAR(10 g) = 0.309 mW/g**

Maximum value of SAR (measured) = 3.15 mW/g



0 dB = 3.15mW/g



## #149 802.11a\_Primary Landscape\_0cm\_Ch64\_Earphone

**DUT: 1O2838**

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

Medium: MSL\_5G\_111122 Medium parameters used :  $f = 5320$  MHz;  $\sigma = 5.47$  mho/m;  $\epsilon_r = 48.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.93, 3.93, 3.93); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch64/Area Scan (41x211x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.483 mW/g

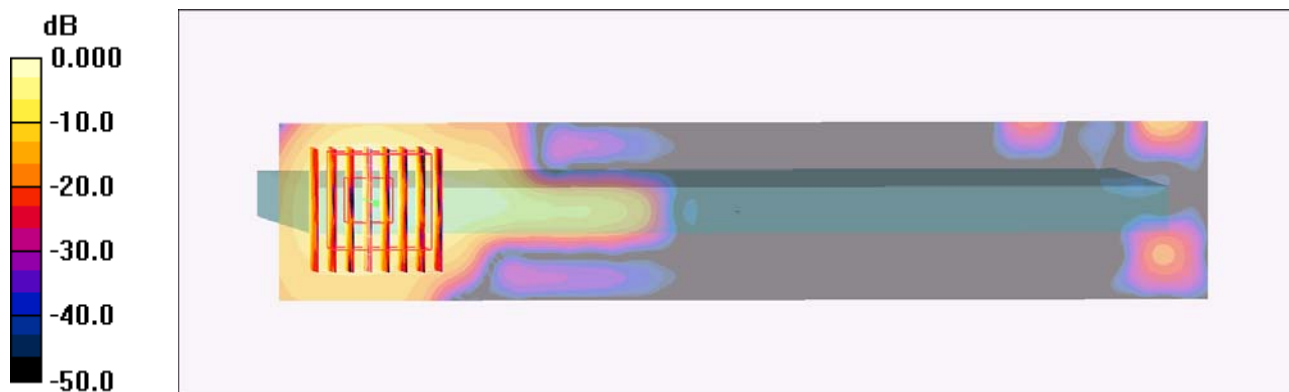
**Ch64/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.394 V/m; Power Drift = -0.141 dB

Peak SAR (extrapolated) = 0.964 W/kg

**SAR(1 g) = 0.252 mW/g; SAR(10 g) = 0.076 mW/g**

Maximum value of SAR (measured) = 0.516 mW/g



0 dB = 0.516mW/g

### #150 802.11a\_Bottom Face\_0cm\_Ch52\_Earphone

**DUT: 1O2838**

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

Medium: MSL\_5G\_111122 Medium parameters used :  $f = 5260$  MHz;  $\sigma = 5.39$  mho/m;  $\epsilon_r = 49.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.93, 3.93, 3.93); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch52/Area Scan (151x71x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.11 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 = 0.000 dB

Peak SAR (extrapolated) = 4.04 W/kg

**SAR(1 g) = 0.958 mW/g; SAR(10 g) = 0.292 mW/g**

Maximum value of SAR (measured) = 1.94 mW/g



0 dB = 1.94mW/g

### #151 802.11a\_Primary Portrait\_0cm\_Ch52\_Earphone

**DUT: 1O2838**

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

Medium: MSL\_5G\_111122 Medium parameters used :  $f = 5260$  MHz;  $\sigma = 5.39$  mho/m;  $\epsilon_r = 49.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.93, 3.93, 3.93); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch52/Area Scan (41x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.76 mW/g

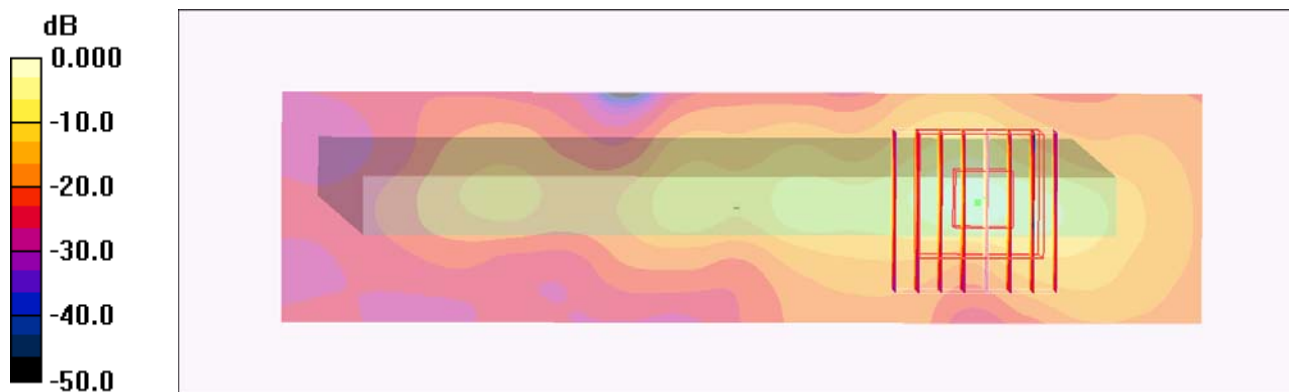
**Ch52/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.34 V/m; Power Drift = 0.105 dB

Peak SAR (extrapolated) = 6.43 W/kg

**SAR(1 g) = 1.4 mW/g; SAR(10 g) = 0.332 mW/g**

Maximum value of SAR (measured) = 3.32 mW/g



0 dB = 3.32mW/g

### #151 802.11a\_Primary Portrait\_0cm\_Ch52\_Earphone\_2D

**DUT: 1O2838**

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

Medium: MSL\_5G\_111122 Medium parameters used :  $f = 5260$  MHz;  $\sigma = 5.39$  mho/m;  $\epsilon_r = 49.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.93, 3.93, 3.93); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch52/Area Scan (41x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.76 mW/g

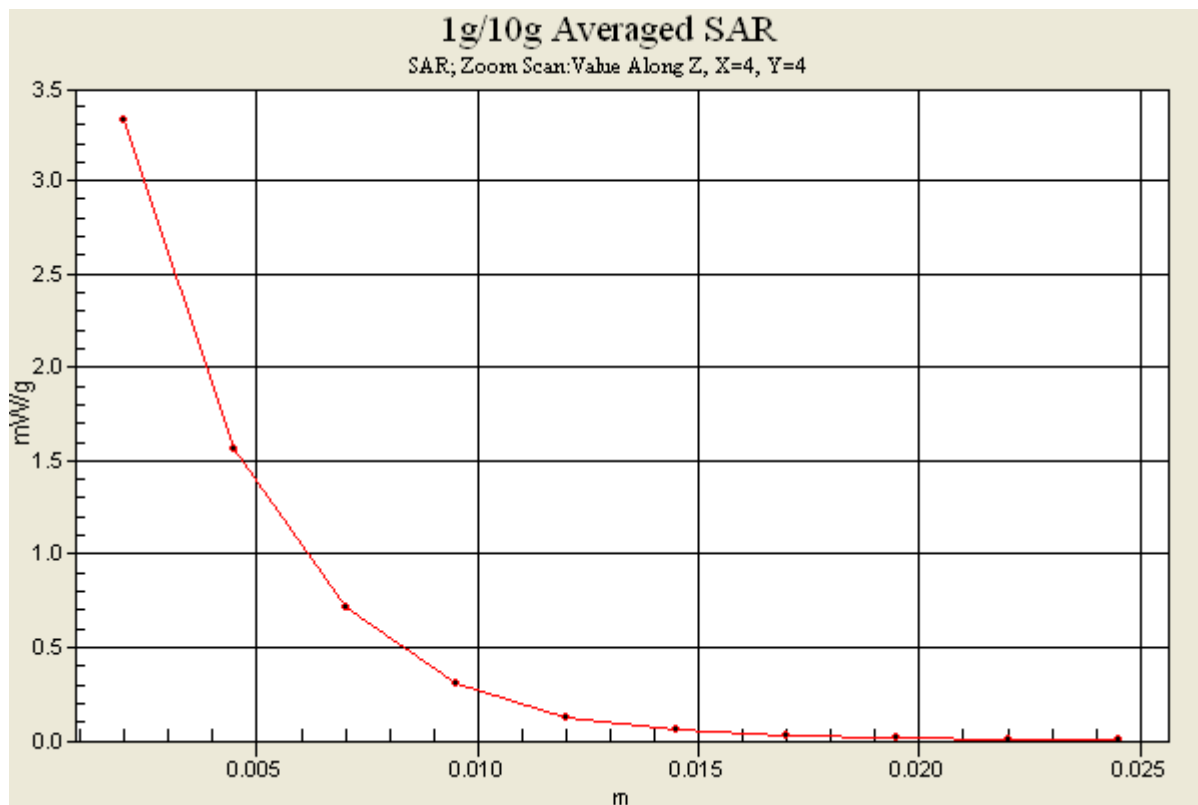
**Ch52/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.34 V/m; Power Drift = 0.105 dB

Peak SAR (extrapolated) = 6.43 W/kg

**SAR(1 g) = 1.4 mW/g; SAR(10 g) = 0.332 mW/g**

Maximum value of SAR (measured) = 3.32 mW/g



**#152 802.11a\_Bottom Face\_0cm\_Ch104\_Earphone**

**DUT: 1O2838**

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

Medium: MSL\_5G\_111122 Medium parameters used :  $f = 5520$  MHz;  $\sigma = 5.76$  mho/m;  $\epsilon_r = 48.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY4 Configuration:**

- Probe: EX3DV4 - SN3792; ConvF(3.76, 3.76, 3.76); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch104/Area Scan (151x211x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.15 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 = 0.000 dB

Peak SAR (extrapolated) = 2.40 W/kg

**SAR(1 g) = 0.528 mW/g; SAR(10 g) = 0.154 mW/g**

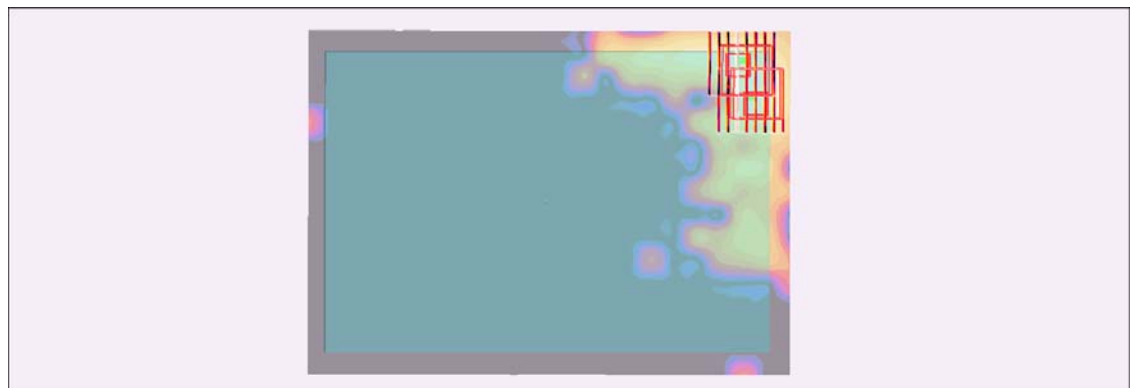
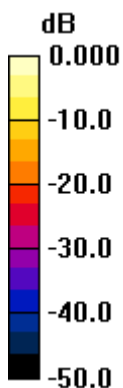
Maximum value of SAR (measured) = 1.17 mW/g

**Ch104/Zoom Scan (8x8x10)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

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

Peak SAR (extrapolated) = 2.31 W/kg

**SAR(1 g) = 0.505 mW/g; SAR(10 g) = 0.142 mW/g**



0 dB = 1.17mW/g

### #153 802.11a\_Primary Portrait\_0cm\_Ch104\_Earphone

**DUT: 1O2838**

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

Medium: MSL\_5G\_111122 Medium parameters used :  $f = 5520$  MHz;  $\sigma = 5.76$  mho/m;  $\epsilon_r = 48.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.76, 3.76, 3.76); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch104/Area Scan (41x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.95 mW/g

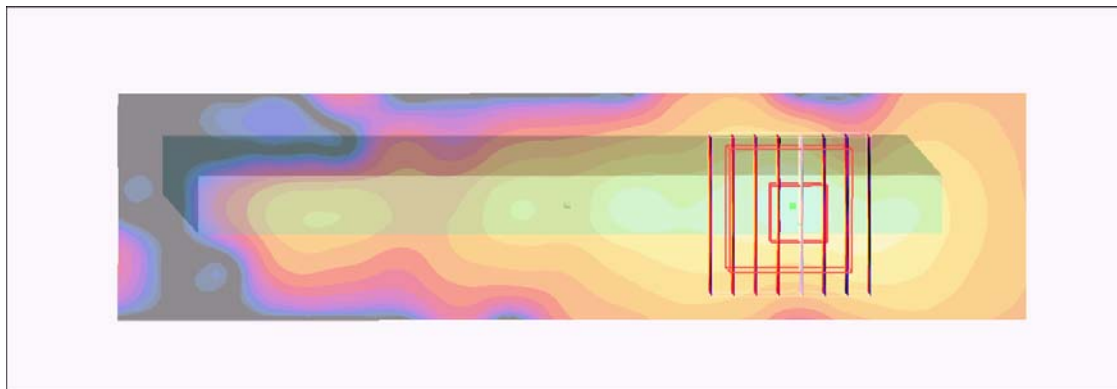
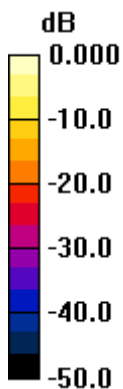
**Ch104/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.53 V/m; Power Drift = -0.114 dB

Peak SAR (extrapolated) = 4.19 W/kg

**SAR(1 g) = 0.835 mW/g; SAR(10 g) = 0.191 mW/g**

Maximum value of SAR (measured) = 1.87 mW/g



0 dB = 1.87mW/g

### #153 802.11a\_Primary Portrait\_0cm\_Ch104\_Earphone\_2D

**DUT: 1O2838**

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

Medium: MSL\_5G\_111122 Medium parameters used :  $f = 5520$  MHz;  $\sigma = 5.76$  mho/m;  $\epsilon_r = 48.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.76, 3.76, 3.76); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch104/Area Scan (41x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.95 mW/g

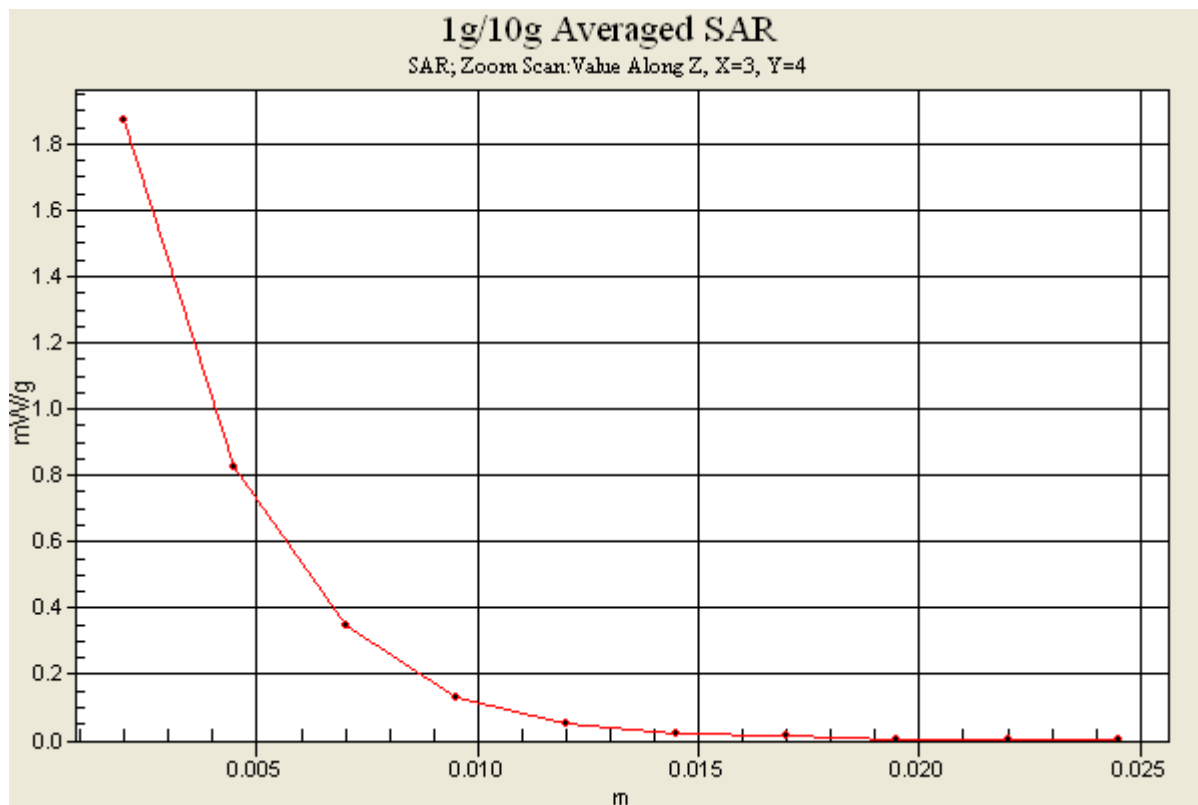
**Ch104/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.53 V/m; Power Drift = -0.114 dB

Peak SAR (extrapolated) = 4.19 W/kg

**SAR(1 g) = 0.835 mW/g; SAR(10 g) = 0.191 mW/g**

Maximum value of SAR (measured) = 1.87 mW/g



## #154 802.11a\_Primary Landscape\_0cm\_Ch104\_Earphone

**DUT: 1O2838**

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

Medium: MSL\_5G\_111122 Medium parameters used :  $f = 5520$  MHz;  $\sigma = 5.76$  mho/m;  $\epsilon_r = 48.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.76, 3.76, 3.76); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch104/Area Scan (41x211x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.387 mW/g

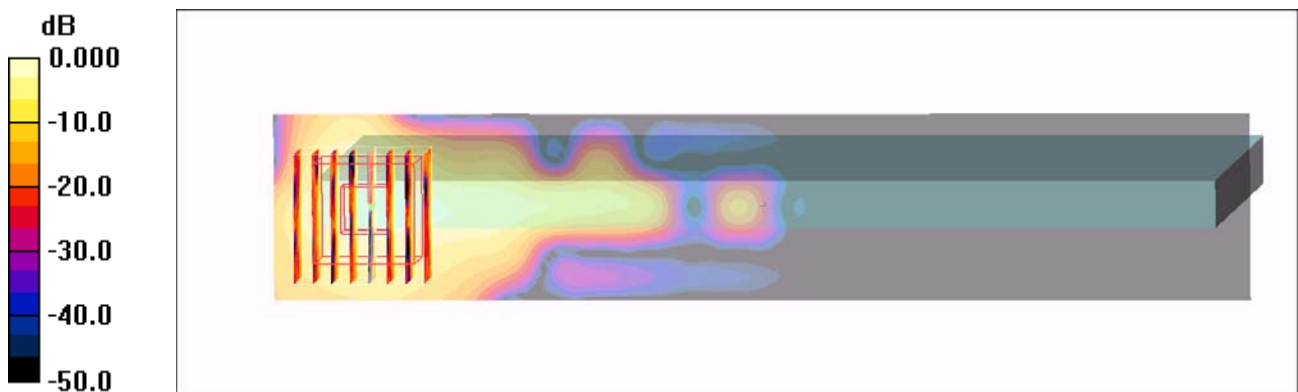
**Ch104/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

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

Peak SAR (extrapolated) = 0.724 W/kg

**SAR(1 g) = 0.180 mW/g; SAR(10 g) = 0.052 mW/g**

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



0 dB = 0.364mW/g



### #155 802.11a\_Primary Portrait\_0cm\_Ch116\_Earphone

**DUT: 1O2838**

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

Medium: MSL\_5G\_111122 Medium parameters used :  $f = 5580$  MHz;  $\sigma = 5.84$  mho/m;  $\epsilon_r = 48.3$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.53, 3.53, 3.53); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch116/Area Scan (41x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.69 mW/g

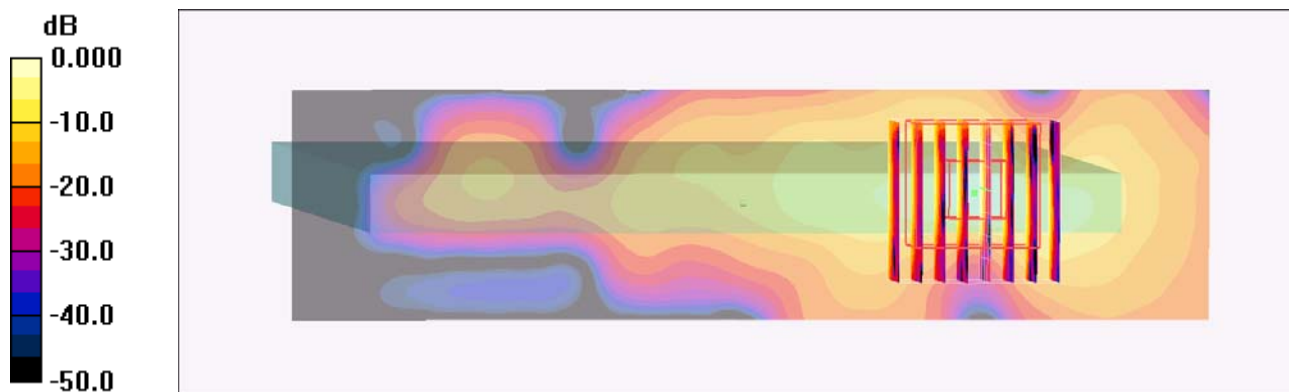
**Ch116/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.34 V/m; Power Drift = 0.178 dB

Peak SAR (extrapolated) = 3.61 W/kg

**SAR(1 g) = 0.766 mW/g; SAR(10 g) = 0.177 mW/g**

Maximum value of SAR (measured) = 1.87 mW/g



0 dB = 1.87mW/g

## #157 802.11a\_Primary Portrait\_0cm\_Ch136\_Earphone

### DUT: 1O2838

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

Medium: MSL\_5G\_111122 Medium parameters used :  $f = 5680$  MHz;  $\sigma = 5.99$  mho/m;  $\epsilon_r = 48.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.53, 3.53, 3.53); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch136/Area Scan (41x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.52 mW/g

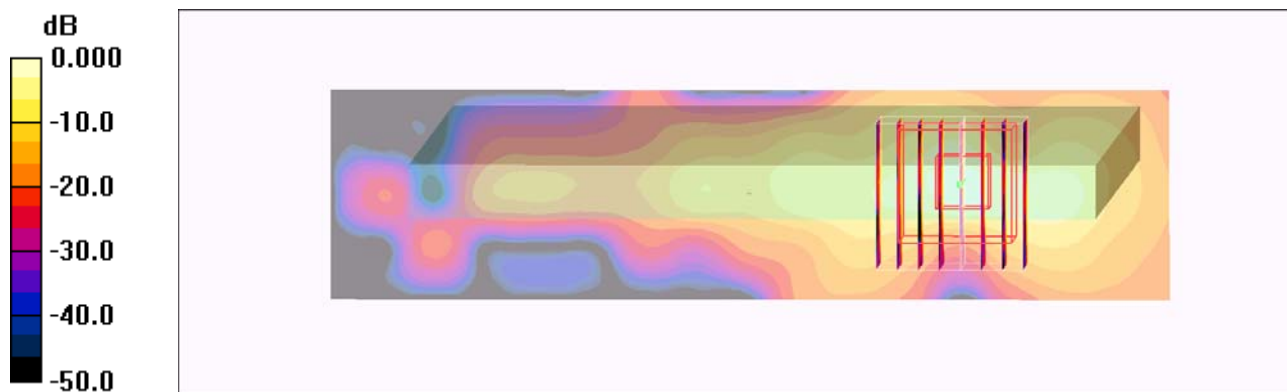
**Ch136/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.26 V/m; Power Drift = -0.162 dB

Peak SAR (extrapolated) = 3.31 W/kg

**SAR(1 g) = 0.665 mW/g; SAR(10 g) = 0.150 mW/g**

Maximum value of SAR (measured) = 1.68 mW/g



0 dB = 1.68mW/g

## #110 802.11a\_Bottom Face\_0cm\_Ch149\_Earphone

**DUT: 1O2838**

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

Medium: MSL\_5G\_111122 Medium parameters used :  $f = 5745$  MHz;  $\sigma = 6.06$  mho/m;  $\epsilon_r = 48$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.78, 3.78, 3.78); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch149/Area Scan (151x211x1):** Measurement grid: dx=10mm, dy=10mm

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

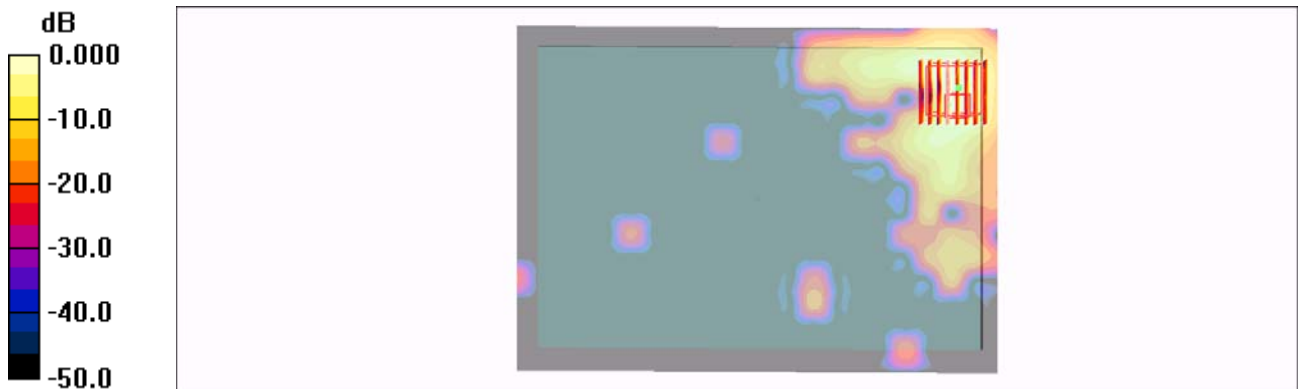
**Ch149/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.000 V/m; Power Drift = 0.012 dB

Peak SAR (extrapolated) = 2.18 W/kg

**SAR(1 g) = 0.467 mW/g; SAR(10 g) = 0.158 mW/g**

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



0 dB = 1.05mW/g

### #111 802.11a\_Primary Portrait\_0cm\_Ch149\_Earphone

**DUT: 1O2838**

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

Medium: MSL\_5G\_111122 Medium parameters used :  $f = 5745 \text{ MHz}$ ;  $\sigma = 6.06 \text{ mho/m}$ ;  $\epsilon_r = 48$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $22.4 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $21.4 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.78, 3.78, 3.78); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch149/Area Scan (41x161x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) =  $1.46 \text{ mW/g}$

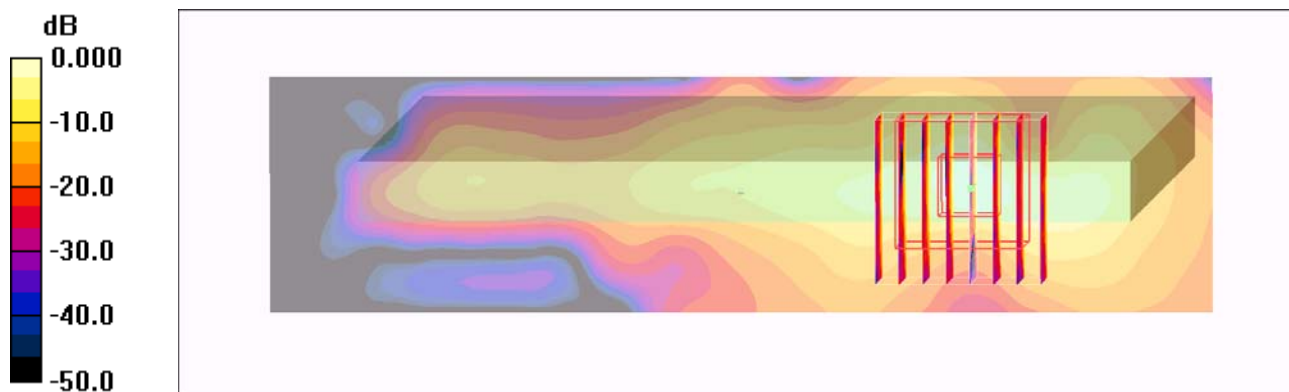
**Ch149/Zoom Scan (8x8x10)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2.5\text{mm}$

Reference Value =  $3.90 \text{ V/m}$ ; Power Drift =  $0.051 \text{ dB}$

Peak SAR (extrapolated) =  $3.28 \text{ W/kg}$

**SAR(1 g) =  $0.651 \text{ mW/g}$ ; SAR(10 g) =  $0.148 \text{ mW/g}$**

Maximum value of SAR (measured) =  $1.60 \text{ mW/g}$



0 dB =  $1.60\text{mW/g}$

### #111 802.11a\_Primary Portrait\_0cm\_Ch149\_Earphone\_2D

**DUT: 1O2838**

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

Medium: MSL\_5G\_111122 Medium parameters used :  $f = 5745 \text{ MHz}$ ;  $\sigma = 6.06 \text{ mho/m}$ ;  $\epsilon_r = 48$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.78, 3.78, 3.78); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch149/Area Scan (41x161x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.46 mW/g

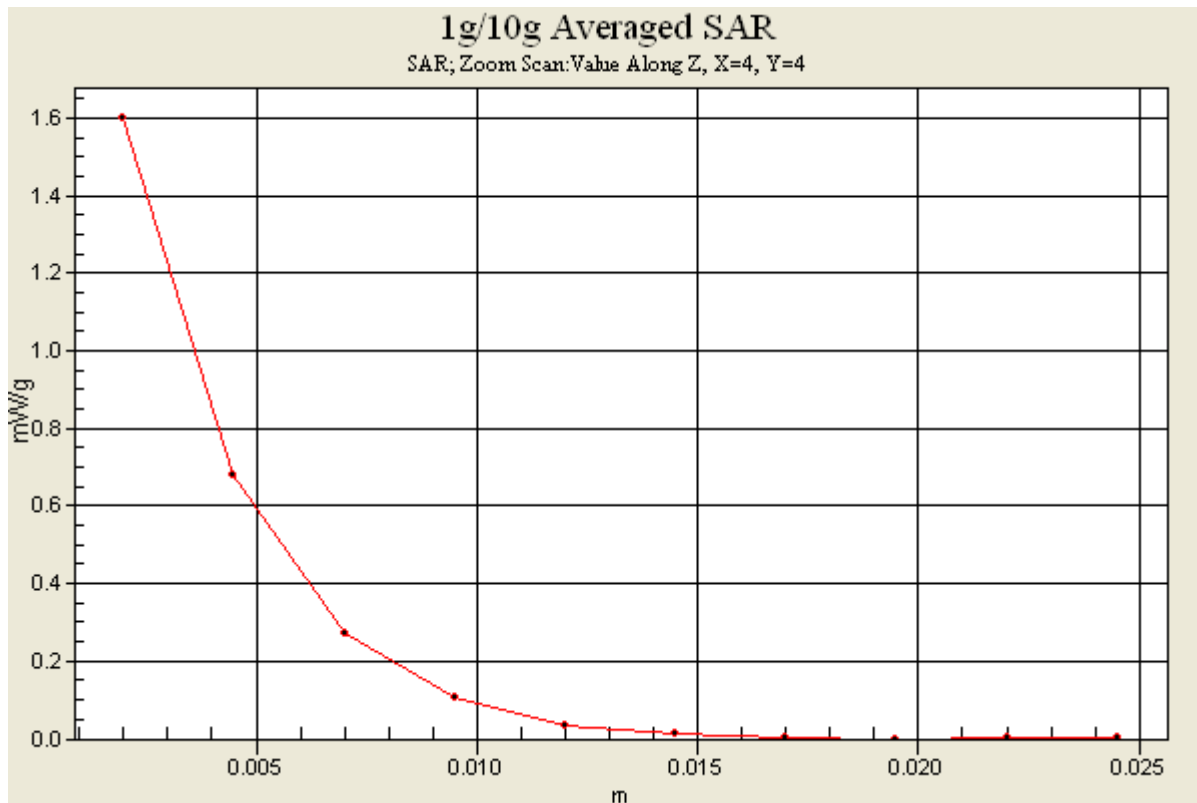
**Ch149/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.90 V/m; Power Drift = 0.051 dB

Peak SAR (extrapolated) = 3.28 W/kg

**SAR(1 g) = 0.651 mW/g; SAR(10 g) = 0.148 mW/g**

Maximum value of SAR (measured) = 1.60 mW/g



## #112 802.11a\_Primary Landscape\_0cm\_Ch149\_Earphone

**DUT: 1O2838**

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

Medium: MSL\_5G\_111122 Medium parameters used :  $f = 5745 \text{ MHz}$ ;  $\sigma = 6.06 \text{ mho/m}$ ;  $\epsilon_r = 48$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $22.4 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $21.4 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.78, 3.78, 3.78); Calibrated: 2011/6/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

**Ch149/Area Scan (41x211x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) =  $0.433 \text{ mW/g}$

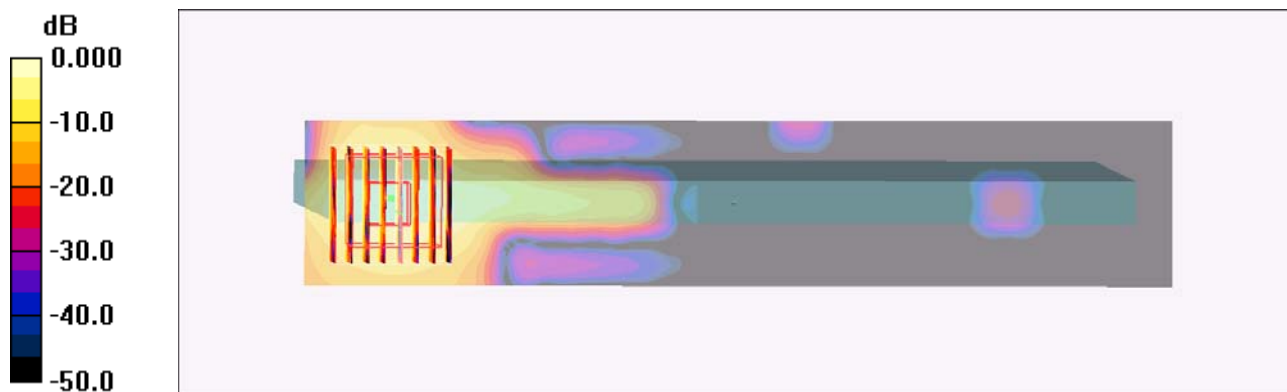
**Ch149/Zoom Scan (8x8x10)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=2.5\text{mm}$

Reference Value =  $0.000 \text{ V/m}$ ; Power Drift =  $0.11 \text{ dB}$

Peak SAR (extrapolated) =  $0.764 \text{ W/kg}$

**SAR(1 g) =  $0.191 \text{ mW/g}$ ; SAR(10 g) =  $0.055 \text{ mW/g}$**

Maximum value of SAR (measured) =  $0.408 \text{ mW/g}$



0 dB =  $0.408\text{mW/g}$