

**#01 802.11b\_Bottom Face\_0cm\_Ch1\_Sample1\_Earphone**

**DUT: 101401**

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

Medium: MSL\_2450\_111026 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.93$  mho/m;  $\epsilon_r = 52.5$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.3 ; Liquid Temperature : 21.3

DASY5 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: 2011/10/11
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- ; SEMCAD X Version 13.4 Build 125

**Ch1/Area Scan (101x141x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.532 mW/g

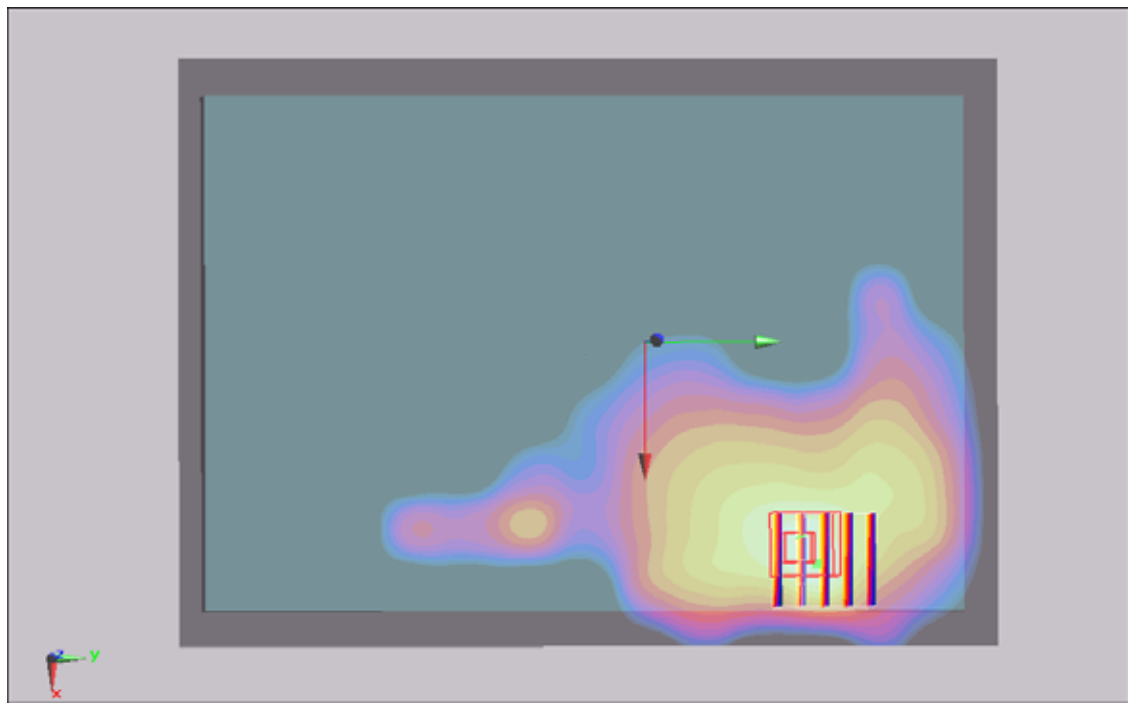
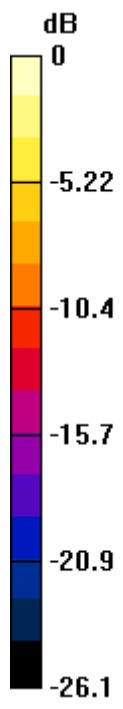
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.806 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.950 W/kg

**SAR(1 g) = 0.435 mW/g; SAR(10 g) = 0.205 mW/g**

Maximum value of SAR (measured) = 0.484 mW/g



0 dB = 0.484mW/g

**#02 802.11b\_Primary Portrait\_0cm\_Ch1\_Sample1\_Earphone**

**DUT: 101401**

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

Medium: MSL\_2450\_111026 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.93$  mho/m;  $\epsilon_r = 52.5$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.3 ; Liquid Temperature : 21.3

**DASY5 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: 2011/10/11
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- ; SEMCAD X Version 13.4 Build 125

**Ch1/Area Scan (41x101x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.103 mW/g

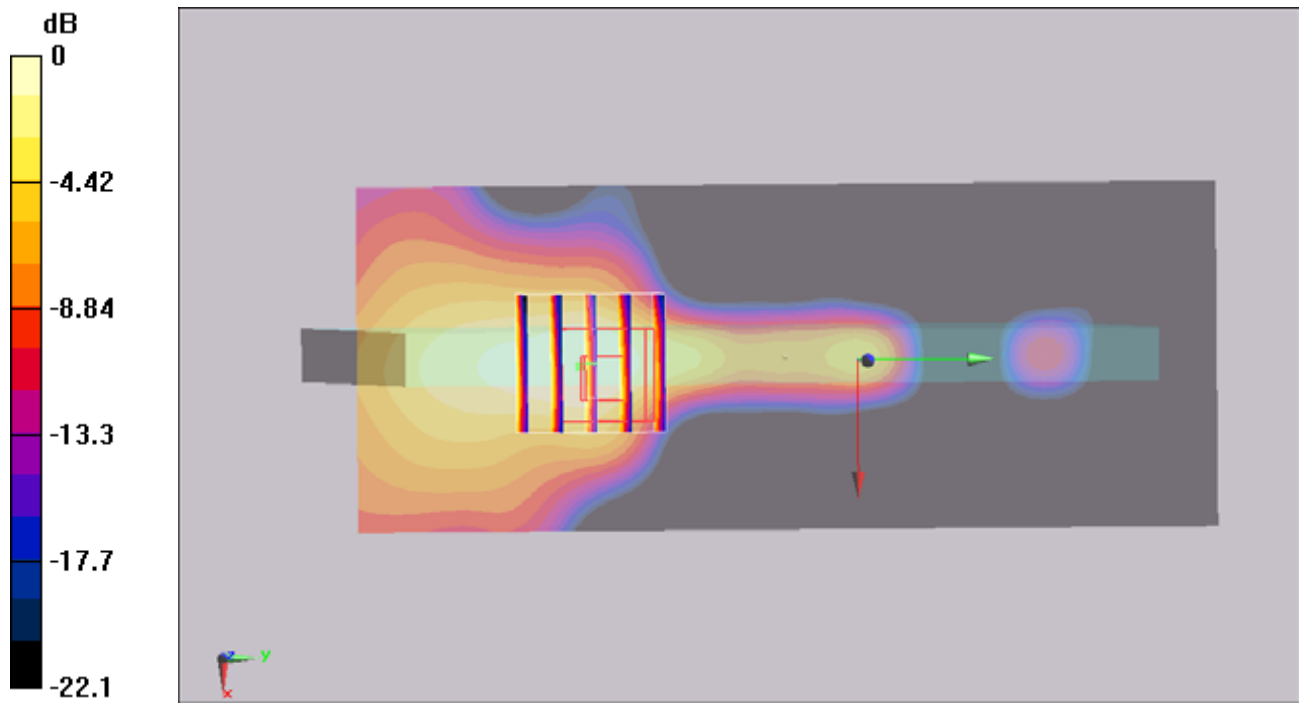
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.25 V/m; Power Drift = -0.183 dB

Peak SAR (extrapolated) = 0.154 W/kg

**SAR(1 g) = 0.080 mW/g; SAR(10 g) = 0.039 mW/g**

Maximum value of SAR (measured) = 0.083 mW/g



0 dB = 0.083mW/g

**#03 802.11b\_Secondary Landscape\_0cm\_Ch1\_Sample1\_Earphone**

**DUT: 101401**

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

Medium: MSL\_2450\_111026 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.93$  mho/m;  $\epsilon_r = 52.5$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.3 ; Liquid Temperature : 21.3

**DASY5 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: 2011/10/11
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- ; SEMCAD X Version 13.4 Build 125

**Ch1/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.199 mW/g

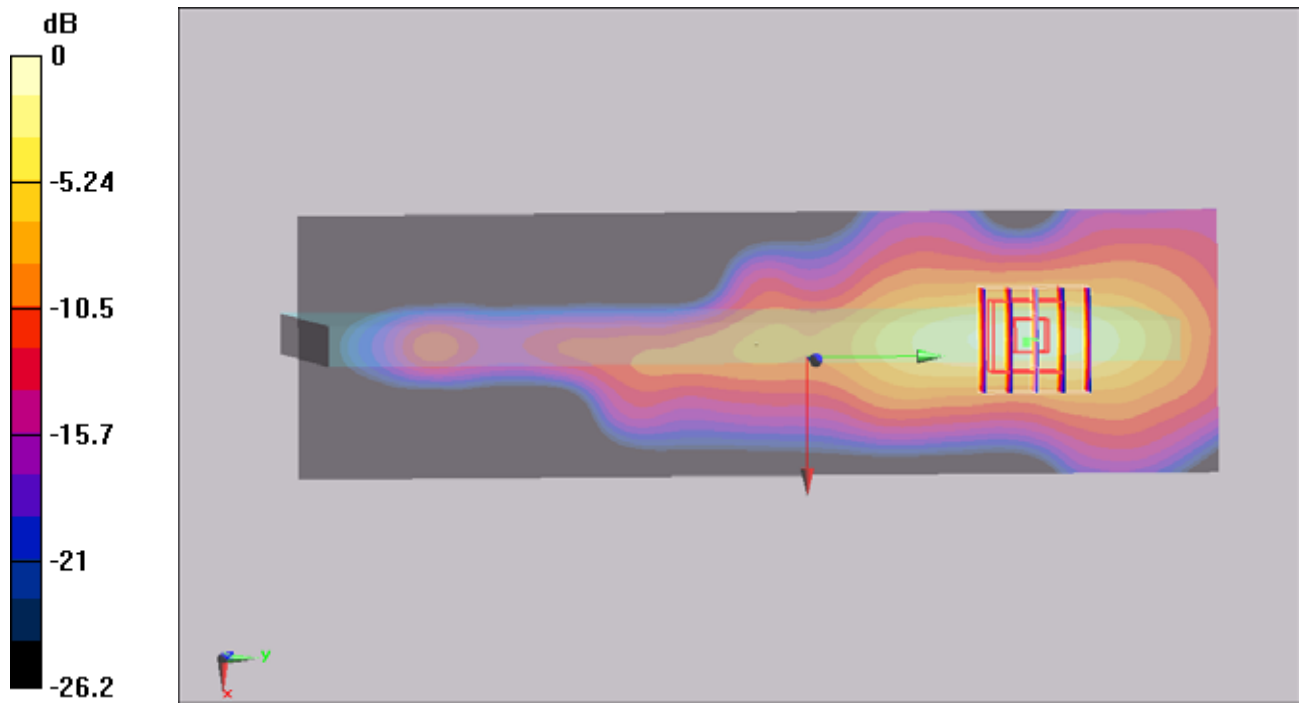
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.35 V/m; Power Drift = 0.033 dB

Peak SAR (extrapolated) = 0.410 W/kg

**SAR(1 g) = 0.180 mW/g; SAR(10 g) = 0.078 mW/g**

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



0 dB = 0.228mW/g

**#04 802.11b\_Bottom Face\_0cm\_Ch1\_Sample2\_Earphone**

**DUT: 101401**

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

Medium: MSL\_2450\_111026 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.93$  mho/m;  $\epsilon_r = 52.5$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.3 ; Liquid Temperature : 21.3

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3270; ConvF(4.28, 4.28, 4.28); Calibrated: 2011/9/12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

**Ch1/Area Scan (101x141x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.525 mW/g

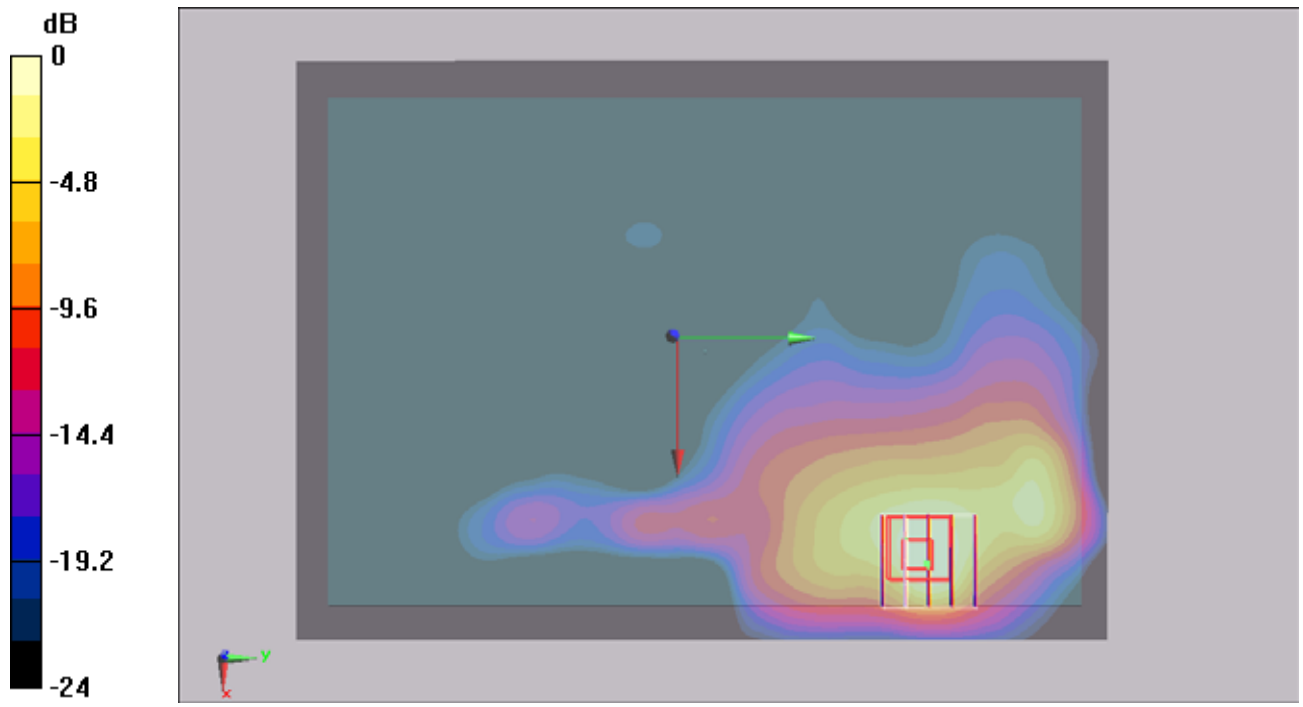
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.001 dB

Peak SAR (extrapolated) = 1.02 W/kg

**SAR(1 g) = 0.423 mW/g; SAR(10 g) = 0.201 mW/g**

Maximum value of SAR (measured) = 0.431 mW/g



0 dB = 0.431mW/g



**#05 802.11b\_Bottom Face\_0cm\_Ch1\_Sample3\_Earphone**

**DUT: 101401**

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

Medium: MSL\_2450\_111026 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.93$  mho/m;  $\epsilon_r = 52.5$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.3 ; Liquid Temperature : 21.3

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3270; ConvF(4.28, 4.28, 4.28); Calibrated: 2011/9/12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

**Ch1/Area Scan (101x141x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.549 mW/g

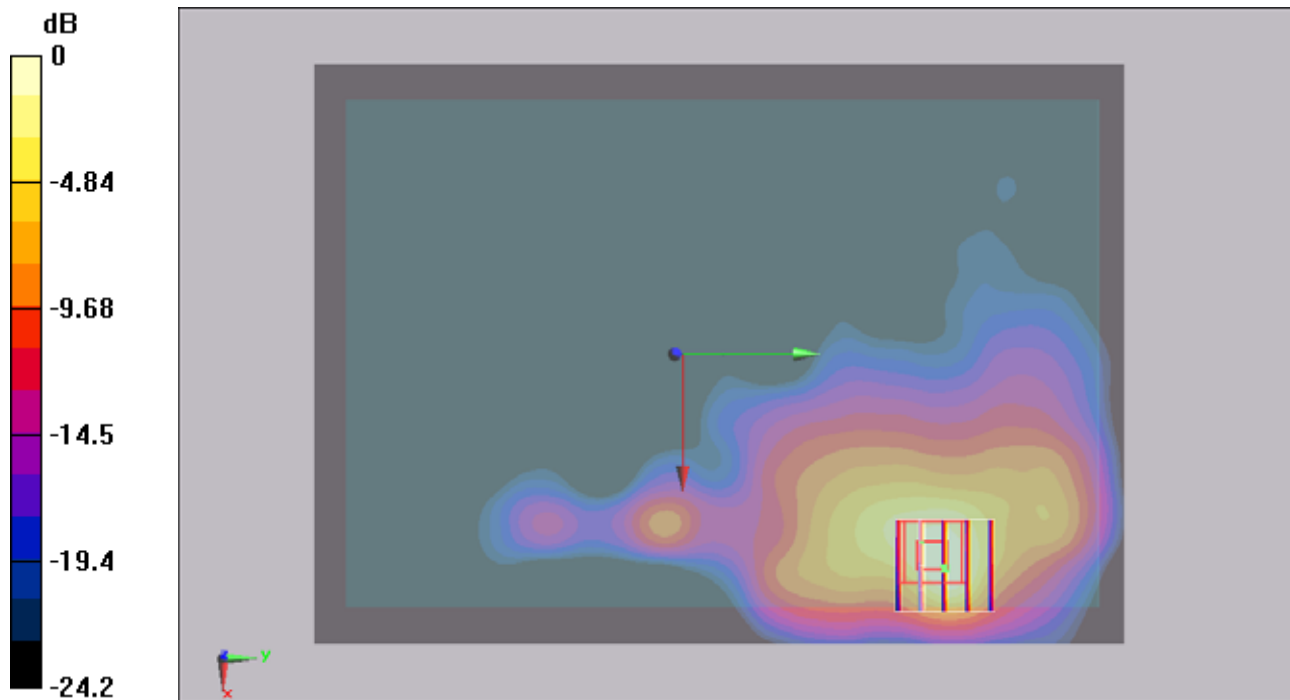
**Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.915 V/m; Power Drift = 0.082 dB

Peak SAR (extrapolated) = 1.13 W/kg

**SAR(1 g) = 0.482 mW/g; SAR(10 g) = 0.226 mW/g**

Maximum value of SAR (measured) = 0.499 mW/g



**#05 802.11b\_Bottom Face\_0cm\_Ch1\_Sample3\_Earphone\_2D**

**DUT: 101401**

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

Medium: MSL\_2450\_111026 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.93$  mho/m;  $\epsilon_r = 52.5$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.3 ; Liquid Temperature : 21.3

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3270; ConvF(4.28, 4.28, 4.28); Calibrated: 2011/9/12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

**Ch1/Area Scan (101x141x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.549 mW/g

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

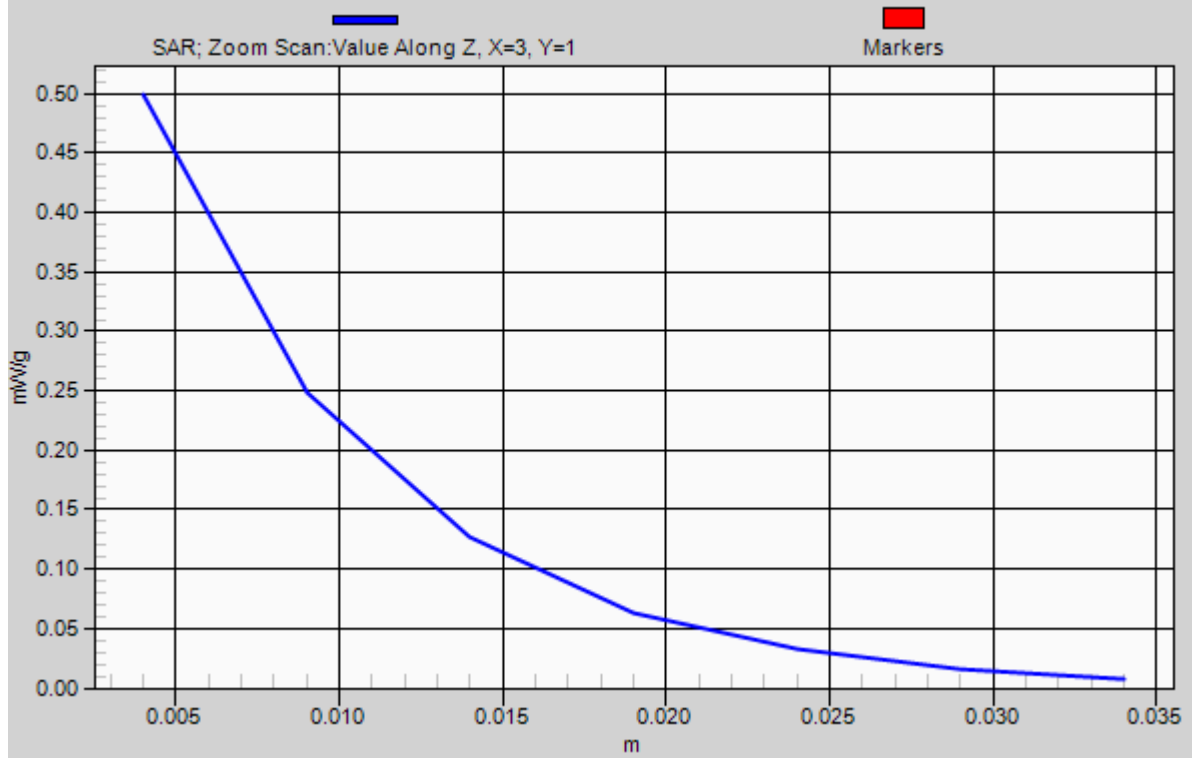
Reference Value = 0.915 V/m; Power Drift = 0.082 dB

Peak SAR (extrapolated) = 1.13 W/kg

**SAR(1 g) = 0.482 mW/g; SAR(10 g) = 0.226 mW/g**

Maximum value of SAR (measured) = 0.499 mW/g

# 1g/10g Averaged SAR



**#06 802.11b\_Bottom Face\_0cm\_Ch1\_Sample4\_Earphone**

**DUT: 101401**

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

Medium: MSL\_2450\_111026 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.93$  mho/m;  $\epsilon_r = 52.5$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.3 ; Liquid Temperature : 21.3

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3270; ConvF(4.28, 4.28, 4.28); Calibrated: 2011/9/12
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0\_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- ; SEMCAD X Version 13.4 Build 125

**Ch1/Area Scan (101x141x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.544 mW/g

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

Reference Value = 0 V/m; Power Drift = 0.001 dB

Peak SAR (extrapolated) = 1.07 W/kg

**SAR(1 g) = 0.432 mW/g; SAR(10 g) = 0.204 mW/g**

Maximum value of SAR (measured) = 0.437 mW/g

