

**#01 802.11b\_Bottom Face\_0cm\_Ch11\_Earphone**

**DUT: 220239**

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

Medium: MSL\_2450\_120217 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.94$  mho/m;  $\epsilon_r = 52.4$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.4 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(6.82, 6.82, 6.82); Calibrated: 2012/1/4
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011/6/24
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 125

**Ch11/Area Scan (71x111x1):** Measurement grid: dx=20mm, dy=20mm

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

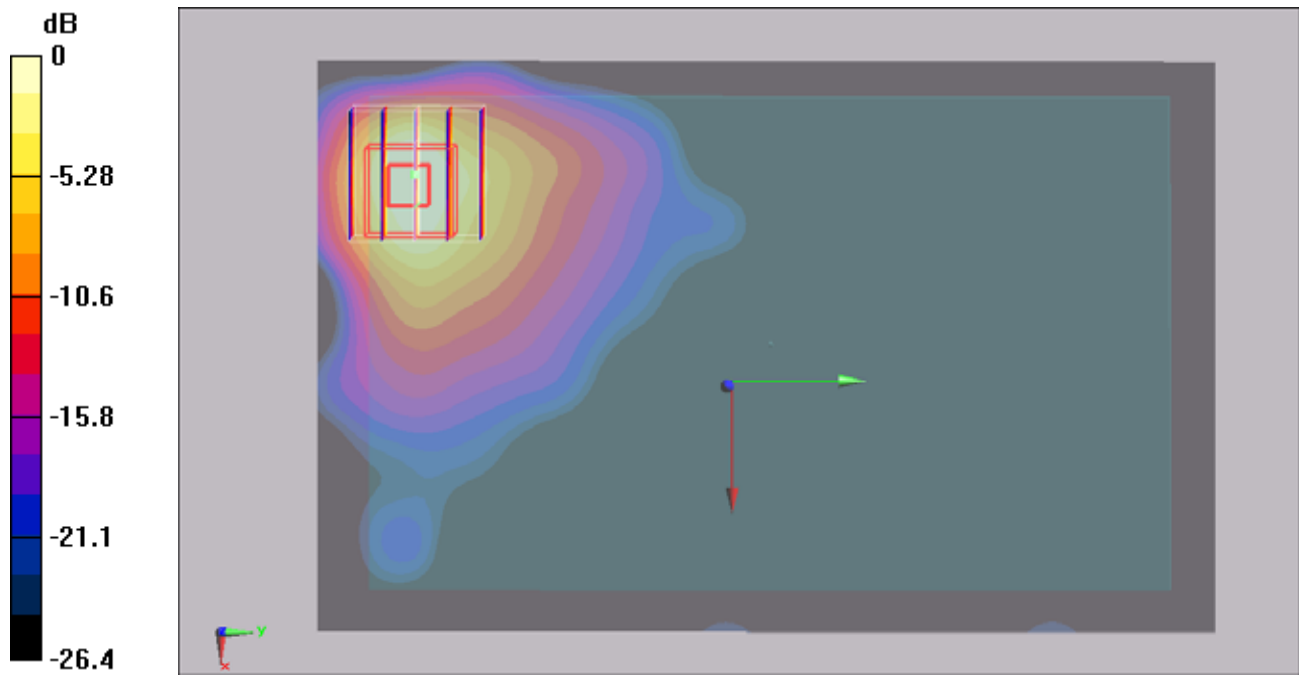
**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.618 V/m; Power Drift = -0.104 dB

Peak SAR (extrapolated) = 0.974 W/kg

**SAR(1 g) = 0.373 mW/g; SAR(10 g) = 0.157 mW/g**

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



**#01 802.11b\_Bottom Face\_0cm\_Ch11\_Earphone\_2D**

**DUT: 220239**

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

Medium: MSL\_2450\_120217 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.94$  mho/m;  $\epsilon_r = 52.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 22.4 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(6.82, 6.82, 6.82); Calibrated: 2012/1/4
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011/6/24
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 125

**Ch11/Area Scan (71x111x1):** Measurement grid: dx=20mm, dy=20mm

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

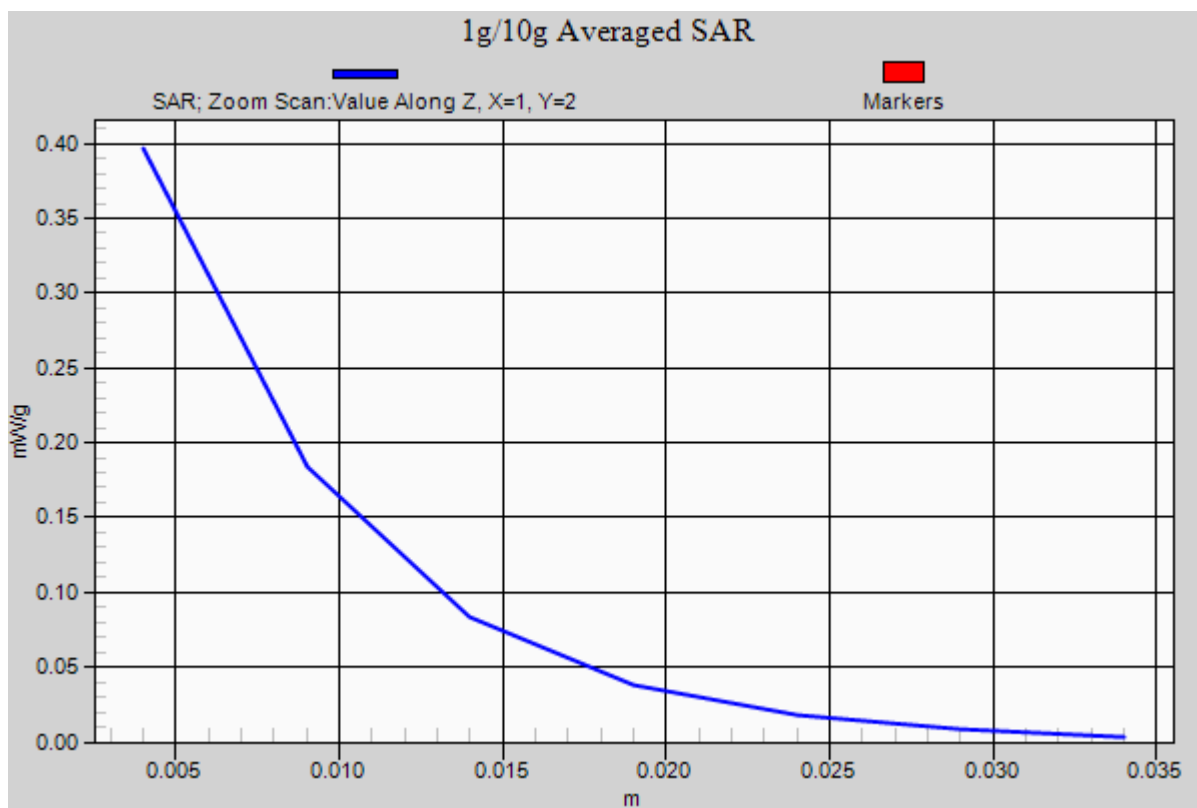
**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.618 V/m; Power Drift = -0.104 dB

Peak SAR (extrapolated) = 0.974 W/kg

**SAR(1 g) = 0.373 mW/g; SAR(10 g) = 0.157 mW/g**

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



**#02 802.11b\_Secondary Landscape\_0cm\_Ch11\_Earphone**

**DUT: 220239**

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

Medium: MSL\_2450\_120217 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.94$  mho/m;  $\epsilon_r = 52.4$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.4 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(6.82, 6.82, 6.82); Calibrated: 2012/1/4
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011/6/24
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 125

**Ch11/Area Scan (31x111x1):** Measurement grid: dx=20mm, dy=20mm

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

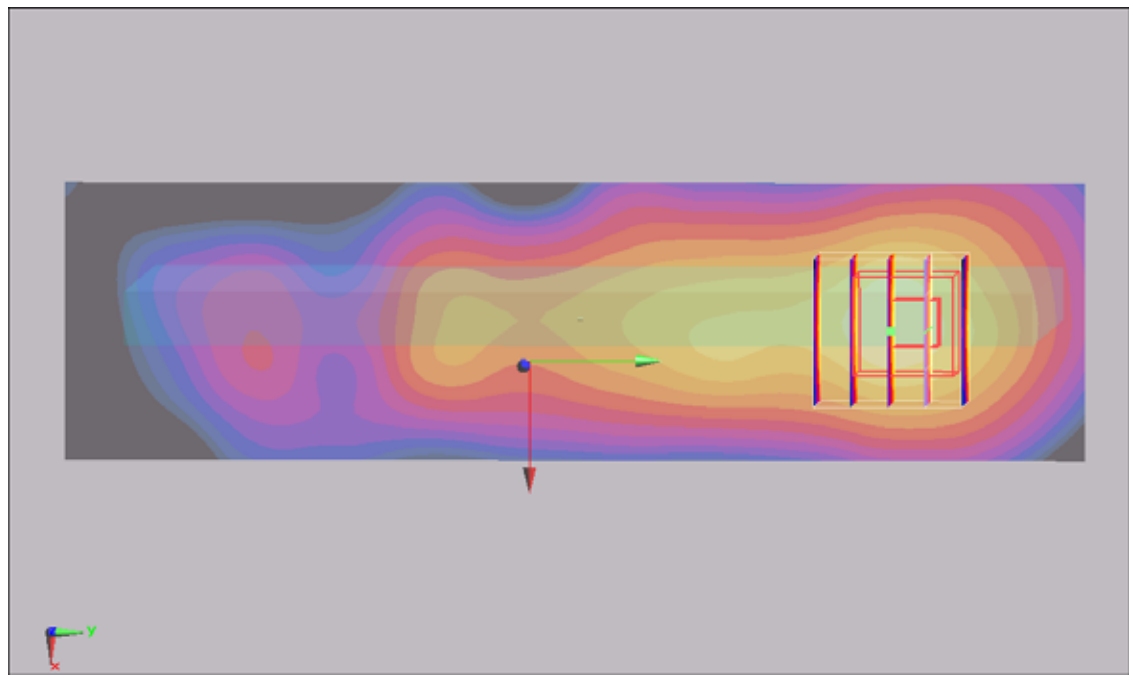
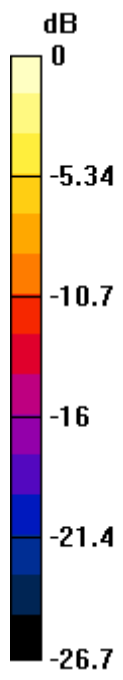
**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.15 V/m; Power Drift = 0.129 dB

Peak SAR (extrapolated) = 0.451 W/kg

**SAR(1 g) = 0.195 mW/g; SAR(10 g) = 0.084 mW/g**

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



0 dB = 0.219mW/g

**#03 802.11b\_Primary Portrait\_0cm\_Ch11\_Earphone**

**DUT: 220239**

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

Medium: MSL\_2450\_120217 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.94$  mho/m;  $\epsilon_r = 52.4$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 22.4 ; Liquid Temperature : 21.4

DASY5 Configuration:

- Probe: EX3DV4 - SN3831; ConvF(6.82, 6.82, 6.82); Calibrated: 2012/1/4
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2011/6/24
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 125

**Ch11/Area Scan (31x91x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.206 mW/g

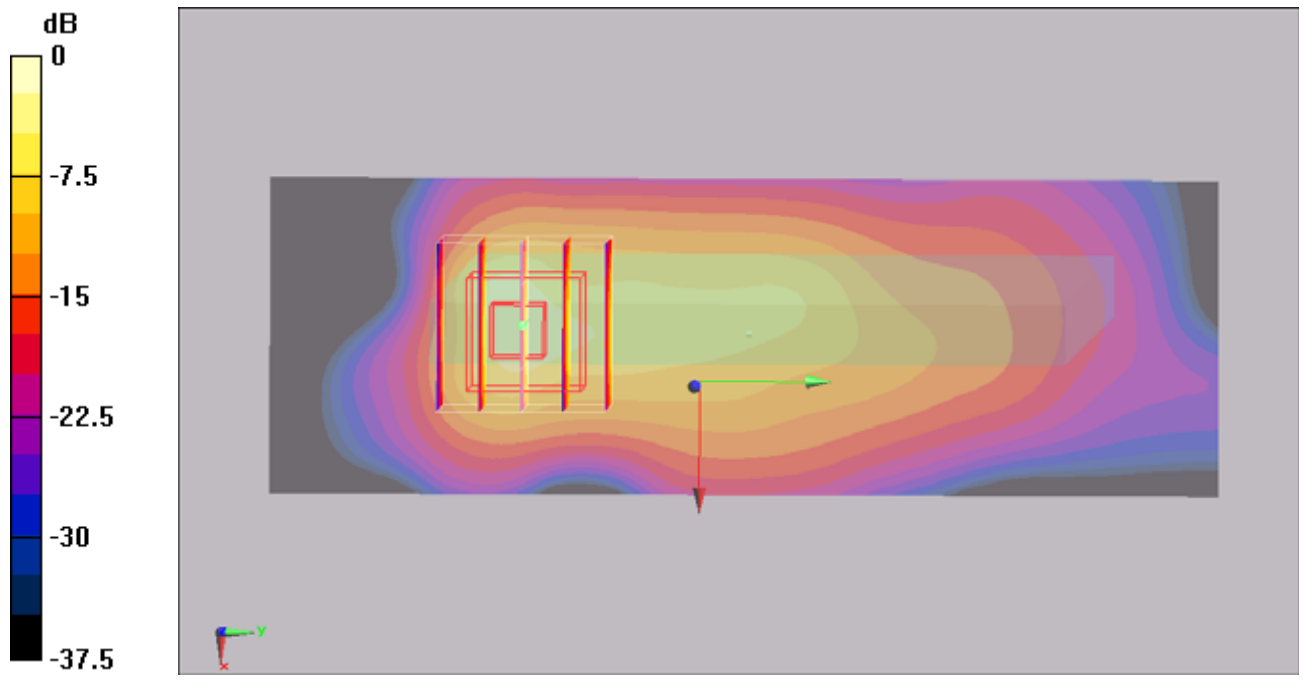
**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.76 V/m; Power Drift = 0.191 dB

Peak SAR (extrapolated) = 1.04 W/kg

**SAR(1 g) = 0.348 mW/g; SAR(10 g) = 0.116 mW/g**

Maximum value of SAR (measured) = 0.392 mW/g



0 dB = 0.392mW/g