

**#01 802.11b\_Bottom face\_0cm\_Ch6**

**DUT: 131159-02**

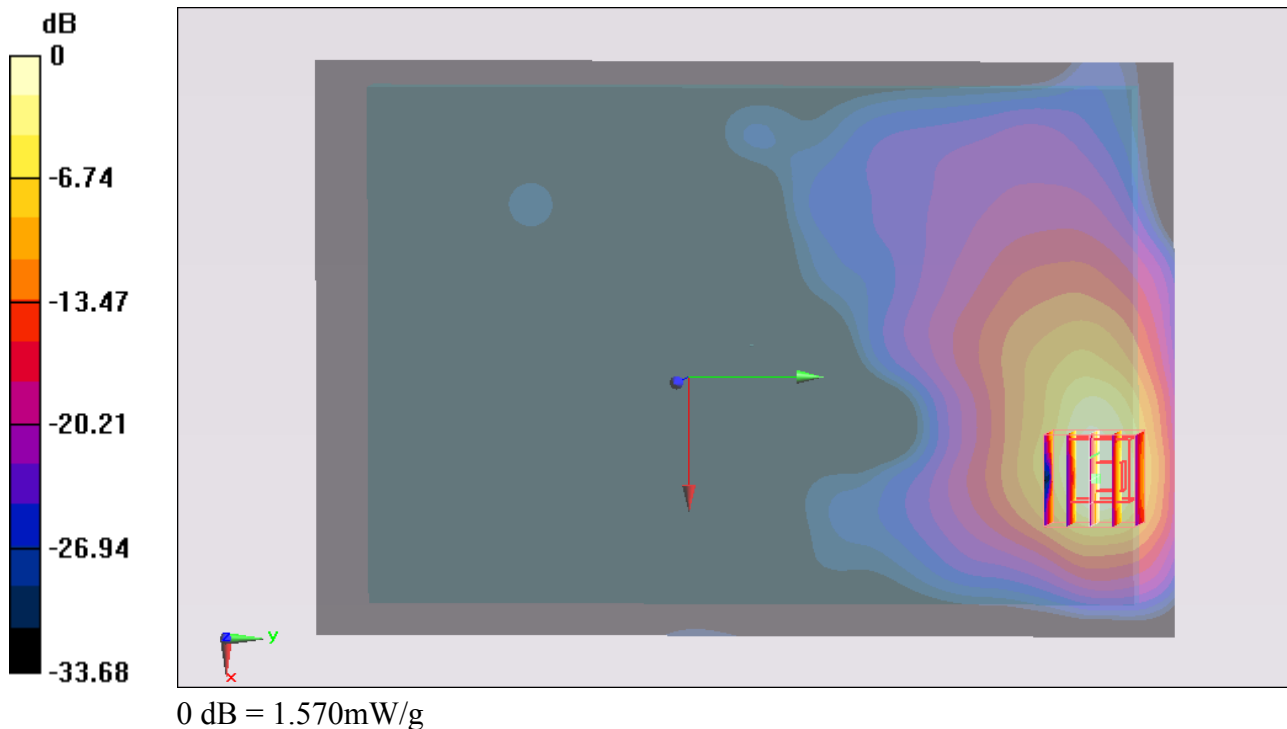
Communication System: WLAN2450; Frequency: 2437 MHz; Duty Cycle: 1:1  
Medium: MSL\_2450\_110719 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.913$  mho/m;  $\epsilon_r = 53.307$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

**DASY5 Configuration:**

- Probe: ET3DV6 - SN1787; ConvF(3.96, 3.96, 3.96); Calibrated: 2011/5/20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

**Ch6/Area Scan (101x151x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 1.996 mW/g

**Ch6/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 0.418 V/m; Power Drift = -0.147 dB  
Peak SAR (extrapolated) = 4.860 W/kg  
**SAR(1 g) = 1.47 mW/g; SAR(10 g) = 0.559 mW/g**  
Maximum value of SAR (measured) = 1.566 mW/g



### #03 802.11b\_Primary Portrait\_0cm\_Ch6

#### DUT: 131159-02

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

Medium: MSL\_2450\_110708 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.904$  mho/m;  $\epsilon_r =$

$53.196$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### 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: 2010/10/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- ; SEMCAD X Version 14.4.5 (3634)

**Configuration/Ch6/Area Scan (41x101x1):** Measurement grid: dx=20mm, dy=20mm

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

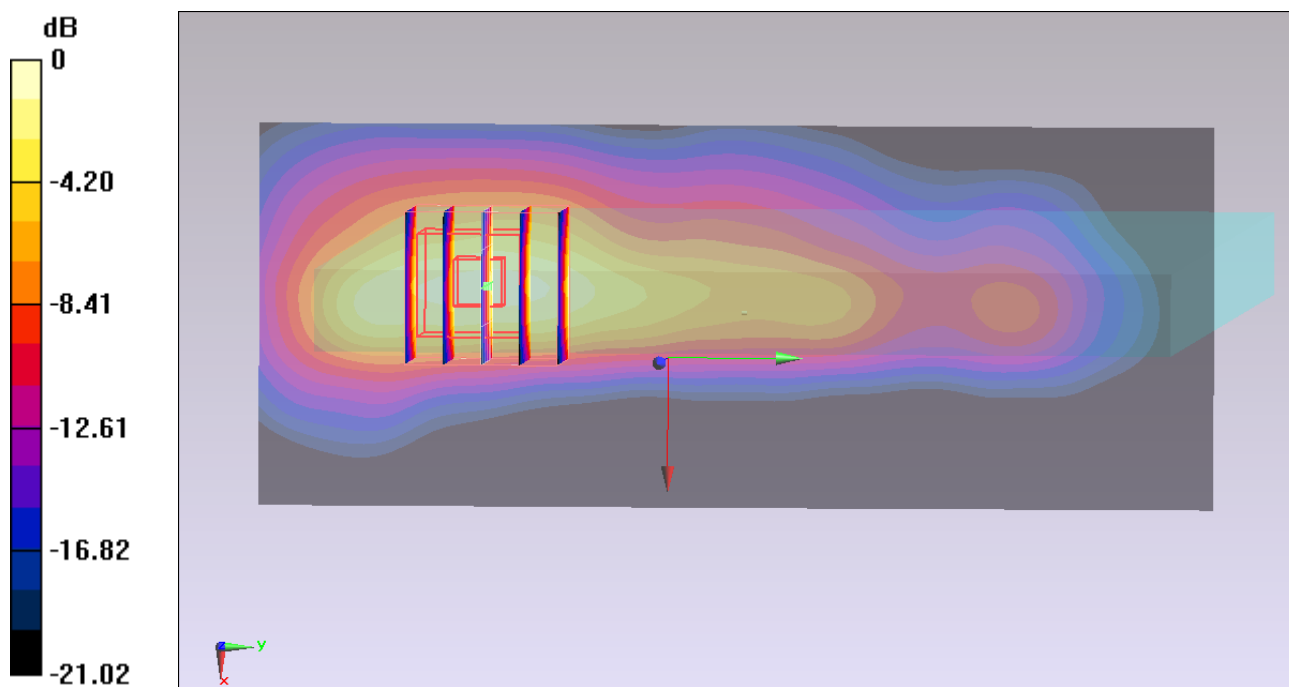
**Configuration/Ch6/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.393 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.850 W/kg

**SAR(1 g) = 0.410 mW/g; SAR(10 g) = 0.192 mW/g**

Maximum value of SAR (measured) = 0.466 mW/g



0 dB = 0.470mW/g

### #04 802.11b\_Secondary Landscape\_0cm\_Ch6\_Earphone

**DUT: 131159-02**

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

Medium: MSL\_2450\_110708 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.904$  mho/m;  $\epsilon_r =$

$53.196$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

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: 2010/10/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- ; SEMCAD X Version 14.4.5 (3634)

**Configuration/Ch6/Area Scan (51x71x1):** Measurement grid: dx=20mm, dy=20mm

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

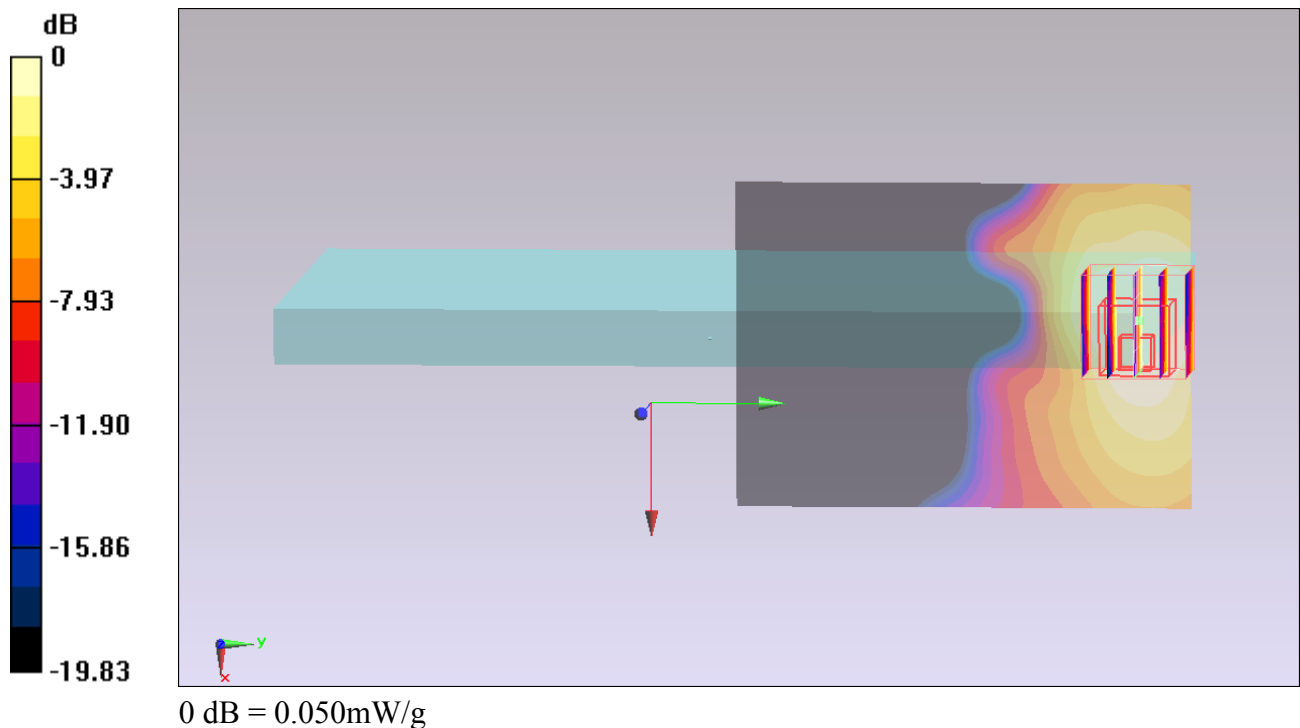
**Configuration/Ch6/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0 V/m; Power Drift =0.011 dB

Peak SAR (extrapolated) = 0.079 W/kg

**SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.021 mW/g**

Maximum value of SAR (measured) = 0.046 mW/g



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

**DUT: 131159-02**

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

Medium: MSL\_2450\_110706 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.913$  mho/m;  $\epsilon_r =$

$53.018$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature :  $22.6$  °C ; Liquid Temperature :  $21.5$  °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3071; ConvF(3.89, 3.89, 3.89); Calibrated: 2011/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- ; SEMCAD X Version 14.4.5 (3634)

**Configuration/Ch1/Area Scan (101x81x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 1.388 mW/g

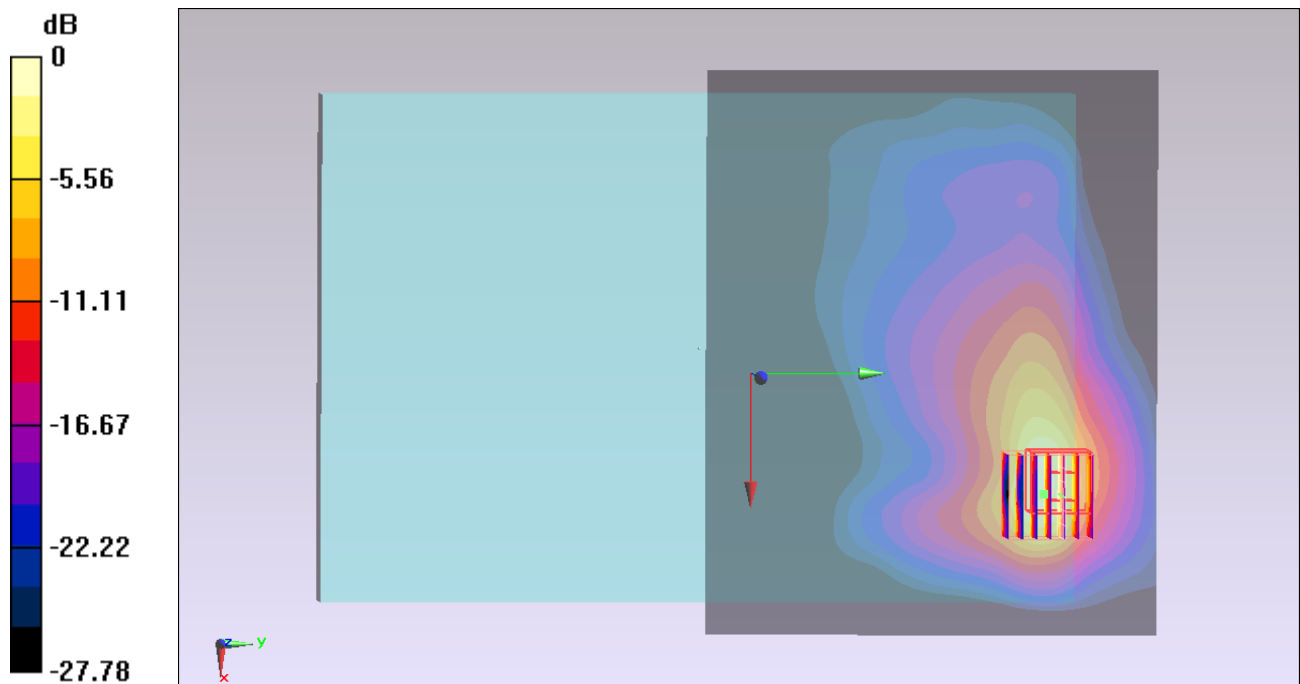
**Configuration/Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.675 V/m; Power Drift = 0.129 dB

Peak SAR (extrapolated) = 4.267 W/kg

**SAR(1 g) = 1.52 mW/g; SAR(10 g) = 0.600 mW/g**

Maximum value of SAR (measured) = 1.843 mW/g



0 dB = 1.840mW/g

**#06 802.11b\_Bottom Face\_0cm\_Ch1\_Earphone\_2D**

**DUT: 131159-02**

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1  
Medium: MSL\_2450\_110706 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.913$  mho/m;  $\epsilon_r = 53.018$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.5 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3071; ConvF(3.89, 3.89, 3.89); Calibrated: 2011/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- ; SEMCAD X Version 14.4.5 (3634)

**Configuration/Ch1/Area Scan (101x81x1):** Measurement grid: dx=20mm, dy=20mm  
Maximum value of SAR (interpolated) = 1.388 mW/g

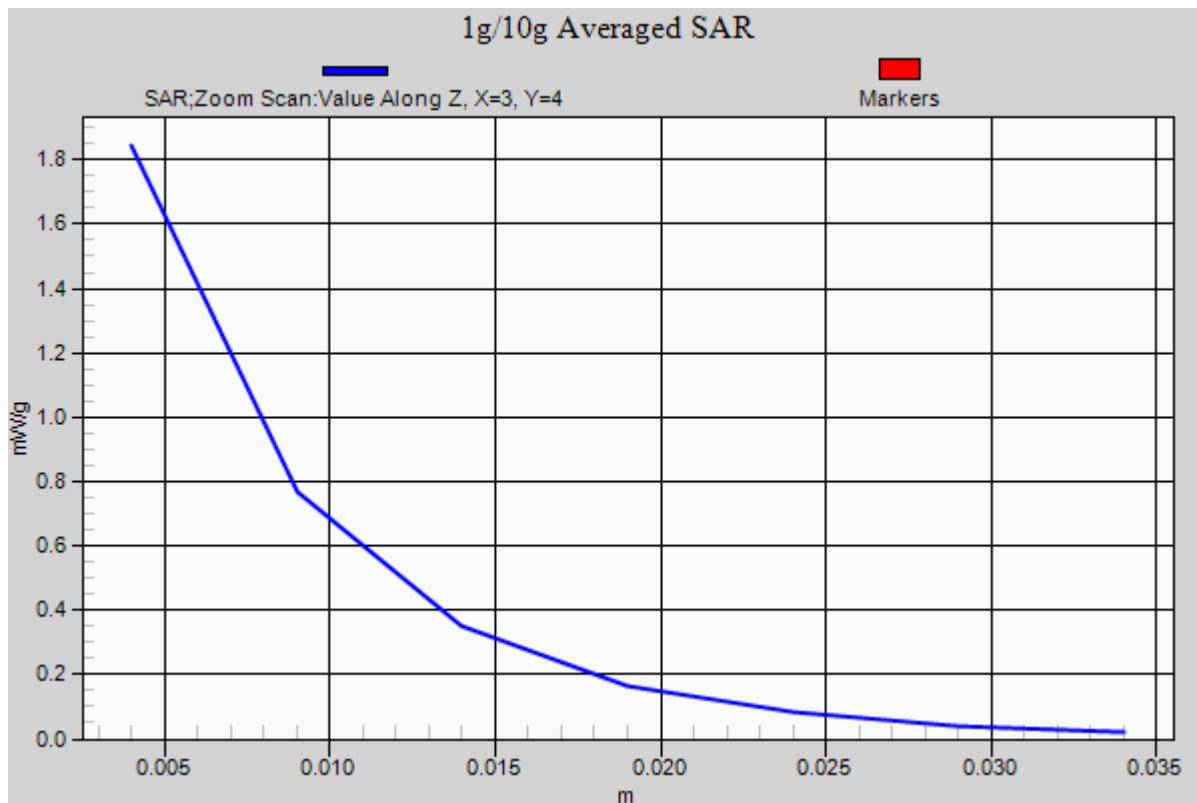
**Configuration/Ch1/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.675 V/m; Power Drift = 0.129 dB

Peak SAR (extrapolated) = 4.267 W/kg

**SAR(1 g) = 1.52 mW/g; SAR(10 g) = 0.600 mW/g**

Maximum value of SAR (measured) = 1.843 mW/g



### #07 802.11b\_Bottom Face\_0cm\_Ch11\_Earphone

**DUT: 131159-02**

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

Medium: MSL\_2450\_110708 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.938$  mho/m;  $\epsilon_r =$

$53.161$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

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: 2010/10/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- ; SEMCAD X Version 14.4.5 (3634)

**Configuration/Ch11/Area Scan (101x61x1):** Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.692 mW/g

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

Reference Value = 0 V/m; Power Drift = 0.009 dB

Peak SAR (extrapolated) = 1.668 W/kg

**SAR(1 g) = 0.644 mW/g; SAR(10 g) = 0.252 mW/g**

Maximum value of SAR (measured) = 0.799 mW/g

