

### #01\_WLAN2.4GHz\_802.11b 1Mbps\_Bottom Face\_0cm\_Ch6

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

Medium: MSL\_2450\_130821 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.991$  S/m;  $\epsilon_r = 53.834$ ;  $\rho =$

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

Ambient Temperature :  $23.4$  °C; Liquid Temperature :  $22.4$  °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 2013/1/16
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch6/Area Scan (61x81x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm  
Maximum value of SAR (interpolated) =  $1.16$  W/kg

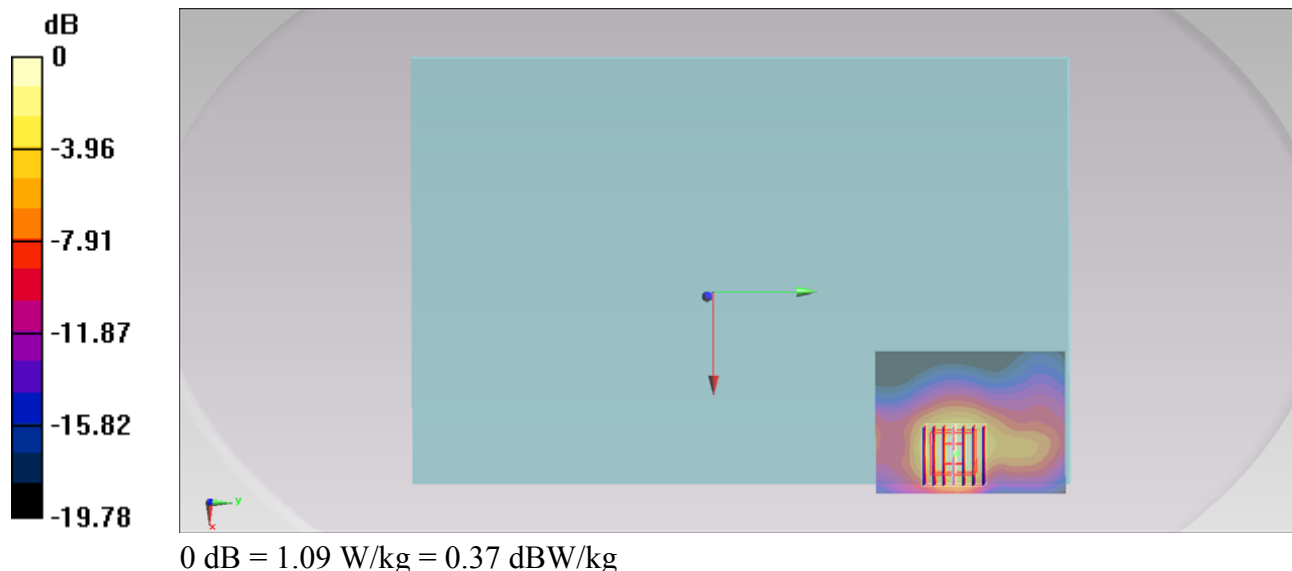
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value =  $24.076$  V/m; Power Drift =  $-0.06$  dB

Peak SAR (extrapolated) =  $1.73$  W/kg

**SAR(1 g) =  $0.844$  W/kg; SAR(10 g) =  $0.409$  W/kg**

Maximum value of SAR (measured) =  $1.09$  W/kg



### #02\_WLAN2.4GHz\_802.11b 1Mbps\_Bottom Face\_0cm\_Ch1

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

Medium: MSL\_2450\_130821 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.954$  S/m;  $\epsilon_r = 53.903$ ;  $\rho =$

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

Ambient Temperature :  $23.4$  °C ; Liquid Temperature :  $22.4$  °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 2013/1/16
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch1/Area Scan (61x81x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm  
Maximum value of SAR (interpolated) =  $0.700$  W/kg

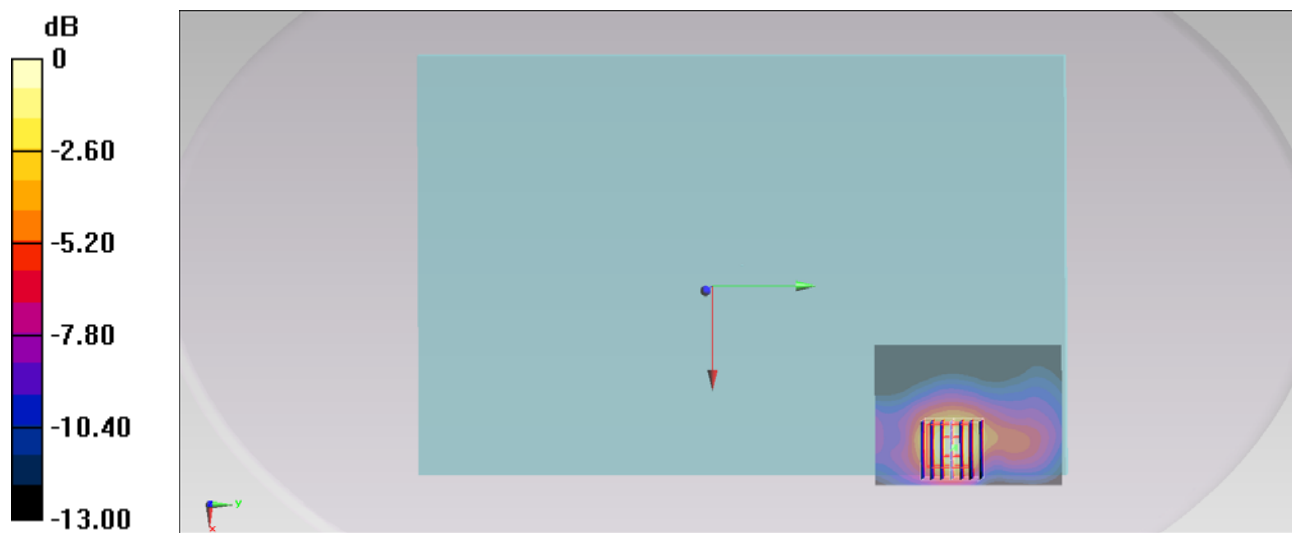
**Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value =  $19.048$  V/m; Power Drift =  $-0.07$  dB

Peak SAR (extrapolated) =  $1.07$  W/kg

**SAR(1 g) =  $0.625$  W/kg; SAR(10 g) =  $0.271$  W/kg**

Maximum value of SAR (measured) =  $0.675$  W/kg



0 dB =  $0.675$  W/kg =  $-1.71$  dBW/kg

### #03\_WLAN2.4GHz\_802.11b 1Mbps\_Bottom Face\_0cm\_Ch11

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

Medium: MSL\_2450\_130821 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.027$  S/m;  $\epsilon_r = 53.798$ ;  $\rho =$

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

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 2013/1/16
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch11/Area Scan (61x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 1.05 W/kg

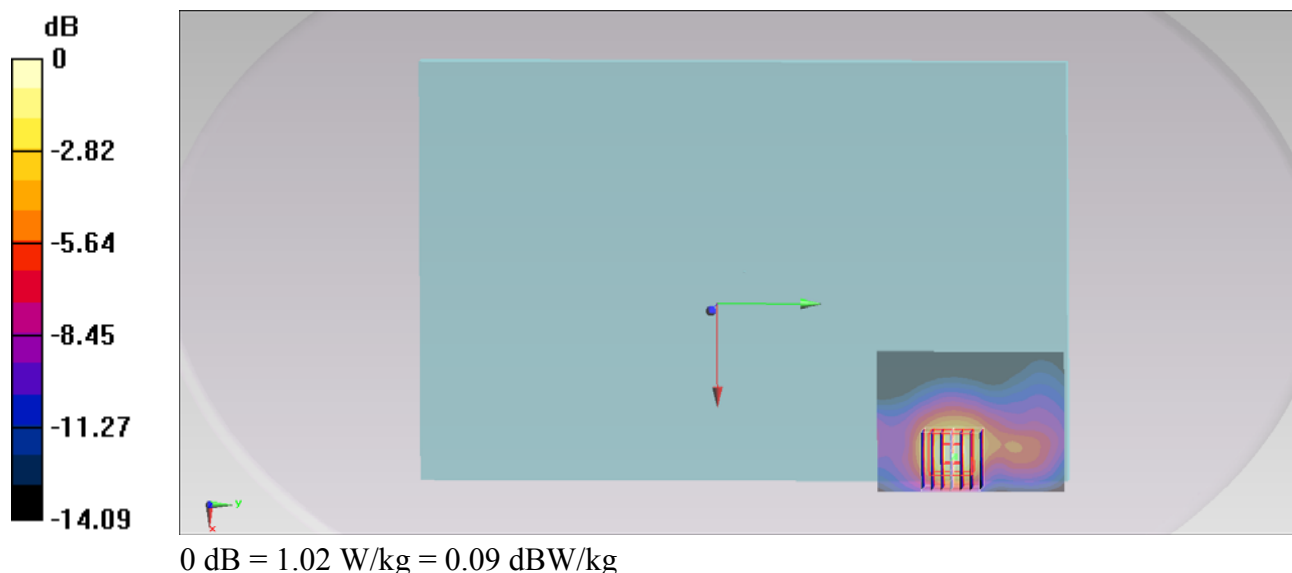
**Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.826 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.65 W/kg

**SAR(1 g) = 0.794 W/kg; SAR(10 g) = 0.397 W/kg**

Maximum value of SAR (measured) = 1.02 W/kg



### #04\_WLAN2.4GHz\_802.11b 1Mbps\_Edge 1\_0cm\_Ch6

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

Medium: MSL\_2450\_130821 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.991$  S/m;  $\epsilon_r = 53.834$ ;  $\rho =$

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

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 2013/1/16
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch6/Area Scan (61x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 1.06 W/kg

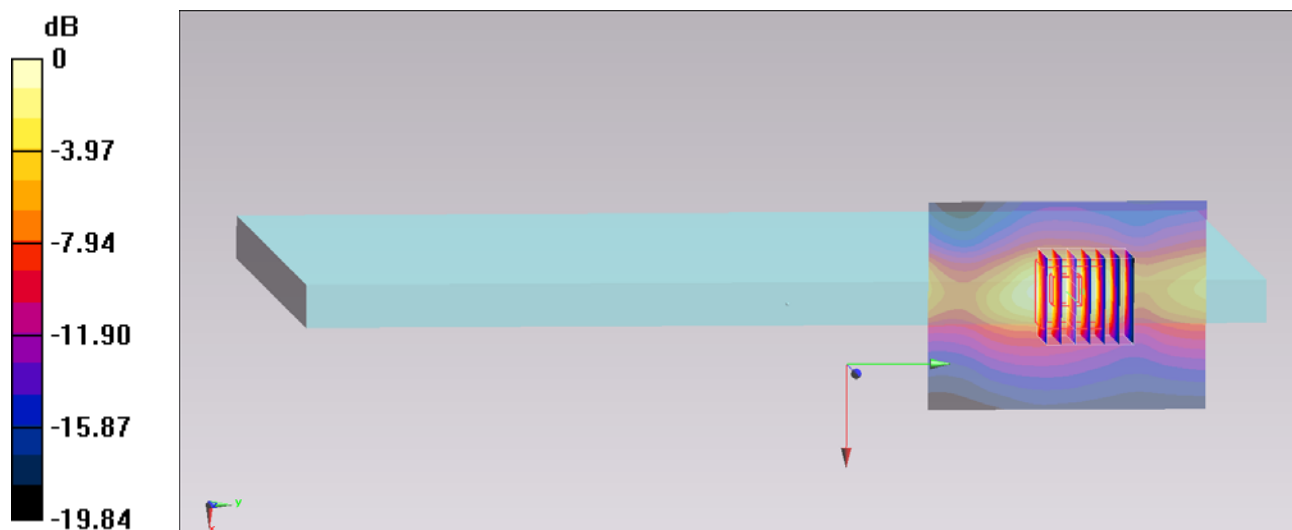
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.166 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.66 W/kg

**SAR(1 g) = 0.785 W/kg; SAR(10 g) = 0.365 W/kg**

Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 1.05 W/kg = 0.21 dBW/kg

### #05\_WLAN2.4GHz\_802.11b 1Mbps\_Edge 1\_0cm\_Ch1

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

Medium: MSL\_2450\_130821 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.954$  S/m;  $\epsilon_r = 53.903$ ;  $\rho =$

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

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 2013/1/16
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch1/Area Scan (61x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 0.786 W/kg

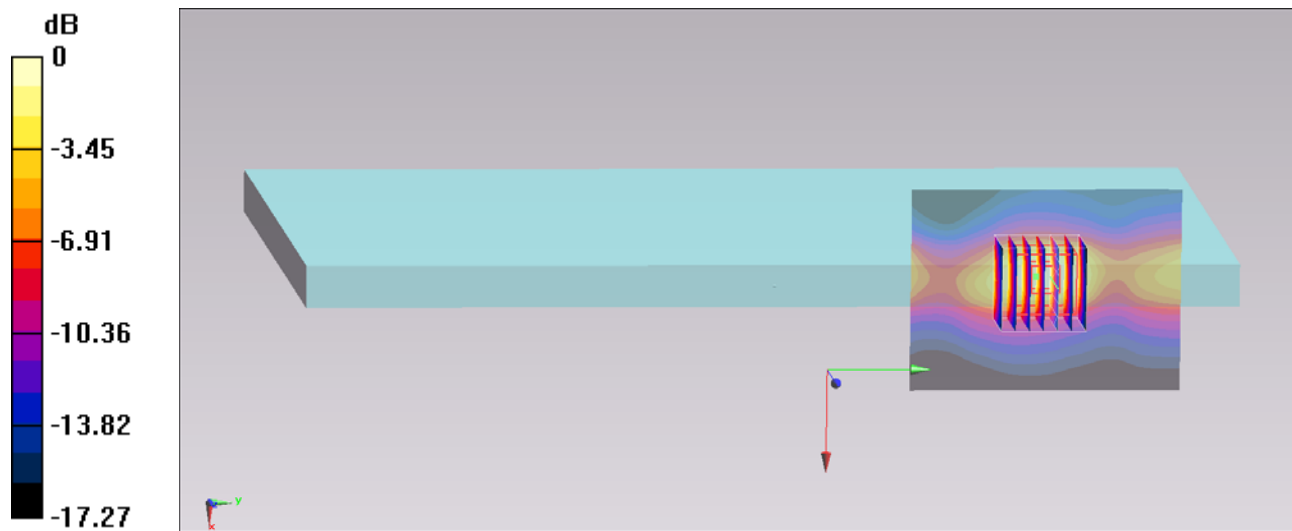
**Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.679 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.21 W/kg

**SAR(1 g) = 0.574 W/kg; SAR(10 g) = 0.271 W/kg**

Maximum value of SAR (measured) = 0.762 W/kg



0 dB = 0.762 W/kg = -1.18 dBW/kg

### #06\_WLAN2.4GHz\_802.11b 1Mbps\_Edge 1\_0cm\_Ch11

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

Medium: MSL\_2450\_130821 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.027$  S/m;  $\epsilon_r = 53.798$ ;  $\rho =$

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

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 2013/1/16
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch11/Area Scan (61x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
 Maximum value of SAR (interpolated) = 0.949 W/kg

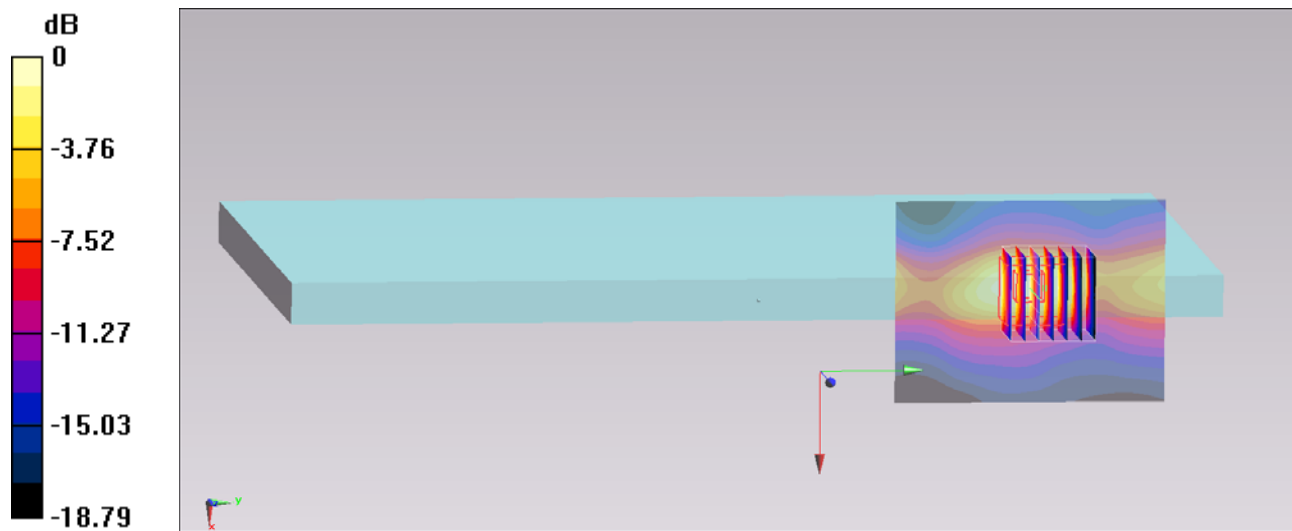
**Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.706 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.56 W/kg

**SAR(1 g) = 0.701 W/kg; SAR(10 g) = 0.326 W/kg**

Maximum value of SAR (measured) = 0.938 W/kg



0 dB = 0.938 W/kg = -0.28 dBW/kg

### #11\_WLAN2.4GHz\_802.11b 1Mbps\_Curved surface of Edge1\_0cm\_Ch6

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

Medium: MSL\_2450\_130821 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.991$  S/m;  $\epsilon_r = 53.834$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 2013/1/16
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch6/Area Scan (61x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
 Maximum value of SAR (interpolated) = 1.70 W/kg

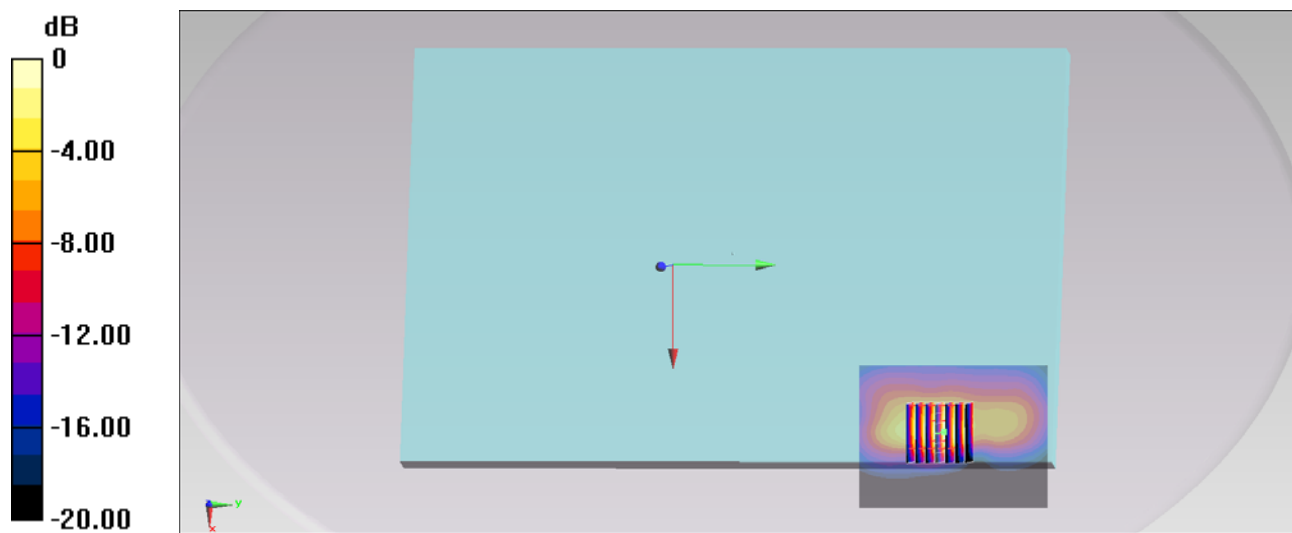
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.357 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.79 W/kg

**SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.429 W/kg**

Maximum value of SAR (measured) = 1.46 W/kg



0 dB = 1.46 W/kg = 1.64 dBW/kg

### #12\_WLAN2.4GHz\_802.11b 1Mbps\_Curved surface of Edge1\_0cm\_Ch1

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

Medium: MSL\_2450\_130821 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.954$  S/m;  $\epsilon_r = 53.903$ ;  $\rho =$

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

Ambient Temperature :  $23.4$  °C ; Liquid Temperature :  $22.4$  °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 2013/1/16
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch1/Area Scan (61x81x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm  
Maximum value of SAR (interpolated) =  $1.41$  W/kg

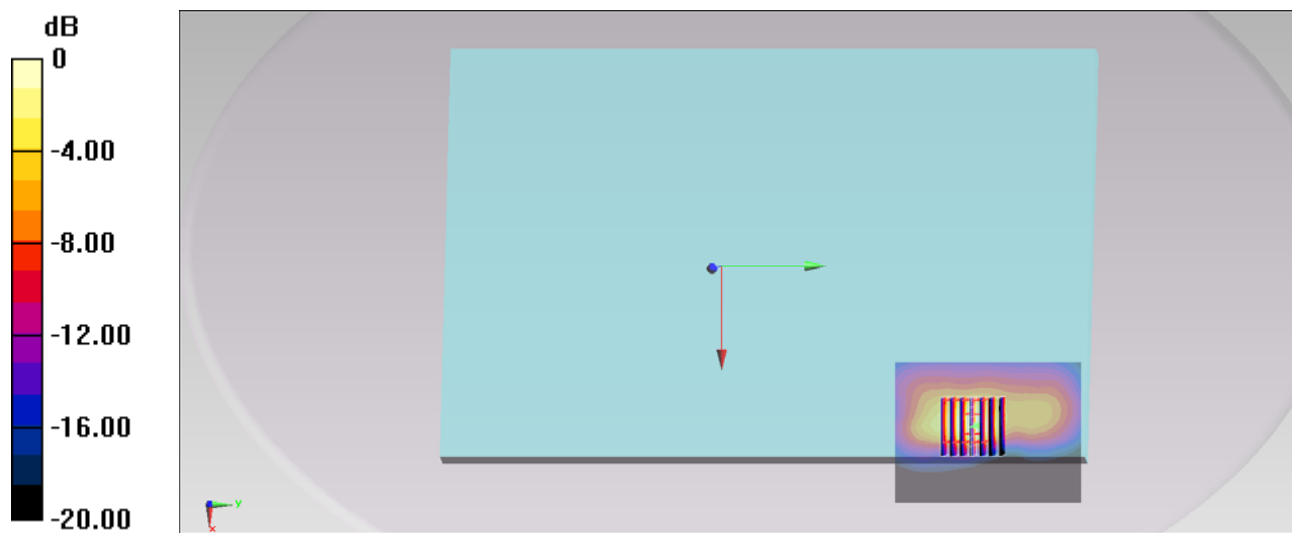
**Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value =  $25.347$  V/m; Power Drift =  $-0.04$  dB

Peak SAR (extrapolated) =  $2.44$  W/kg

**SAR(1 g) =  $0.998$  W/kg; SAR(10 g) =  $0.382$  W/kg**

Maximum value of SAR (measured) =  $1.23$  W/kg





### #13\_WLAN2.4GHz\_802.11b 1Mbps\_Curved surface of Edge1\_0cm\_Ch11

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

Medium: MSL\_2450\_130821 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.027$  S/m;  $\epsilon_r = 53.798$ ;  $\rho =$

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

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 2013/1/16
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch11/Area Scan (61x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
 Maximum value of SAR (interpolated) = 1.60 W/kg

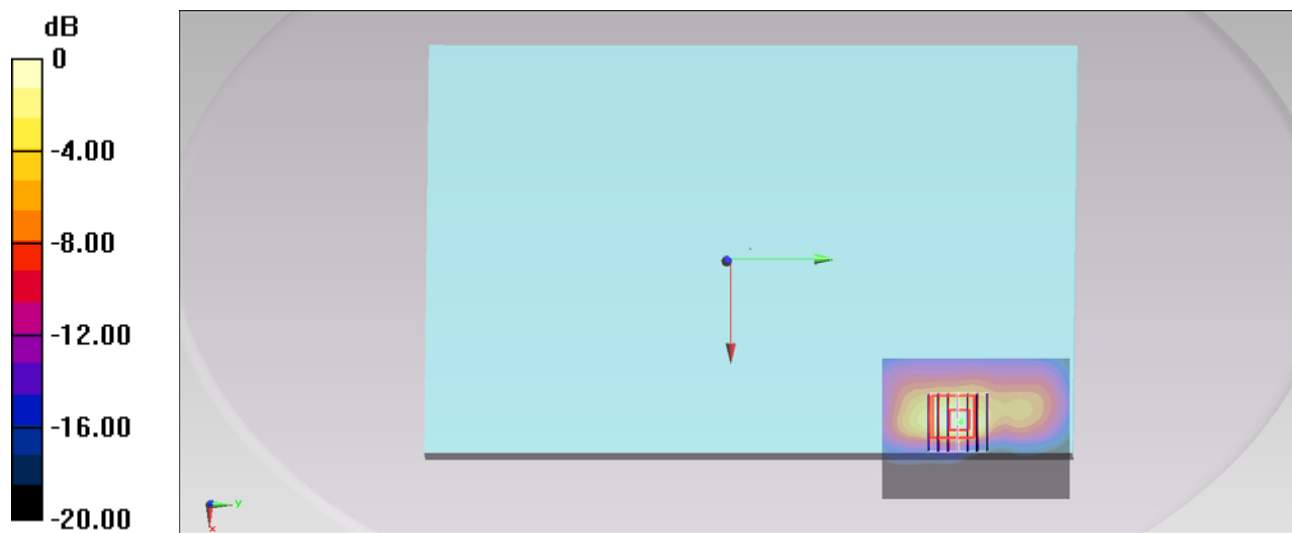
**Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.915 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.95 W/kg

**SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.439 W/kg**

Maximum value of SAR (measured) = 1.45 W/kg



0 dB = 1.45 W/kg = 1.61 dBW/kg

### #14\_WLAN2.4GHz\_802.11b 1Mbps\_Curved surface of Edge1\_0cm\_Ch6\_Repeat

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

Medium: MSL\_2450\_130821 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.991$  S/m;  $\epsilon_r = 53.834$ ;  $\rho =$

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

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 2013/1/16
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch6/Area Scan (61x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 1.57 W/kg

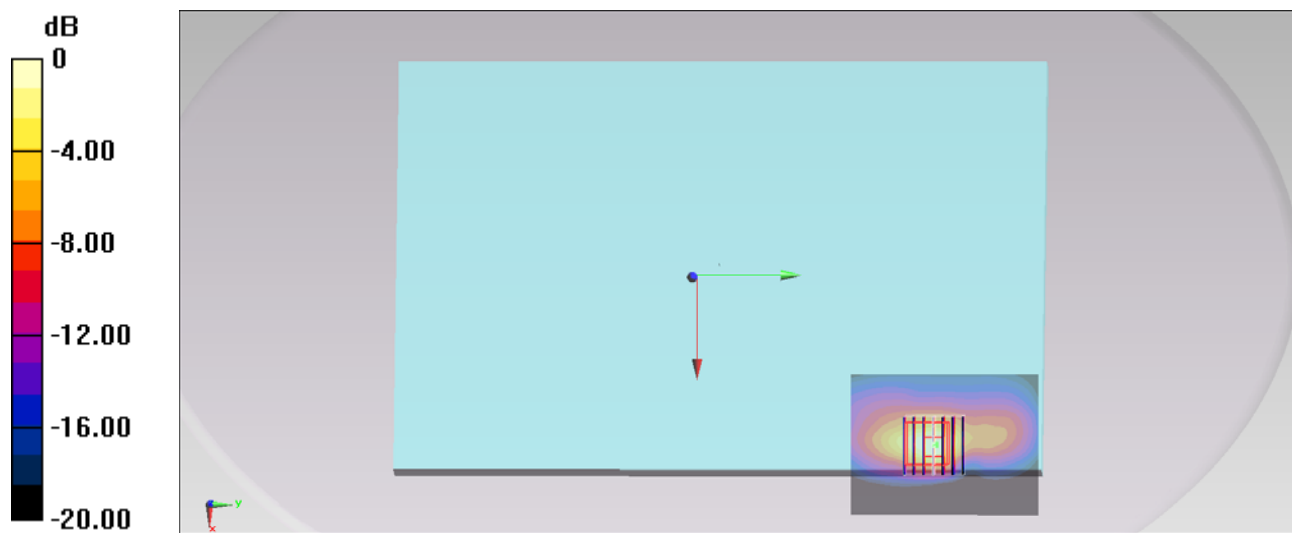
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.961 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.54 W/kg

**SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.421 W/kg**

Maximum value of SAR (measured) = 1.43 W/kg



0 dB = 1.43 W/kg = 1.55 dBW/kg