

### #13\_WLAN2.4GHz\_802.11b 1Mbps\_Bottom Face \_0cm\_Ch6;Ant 1

**DUT: 332727-04**

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

Medium: MSL\_2450\_130729 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 2.001$  mho/m;  $\epsilon_r = 53.87$ ;  $\rho =$

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

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.94, 6.94, 6.94); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch6/Area Scan (71x71x1):** Measurement grid: dx=12mm, dy=12mm

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

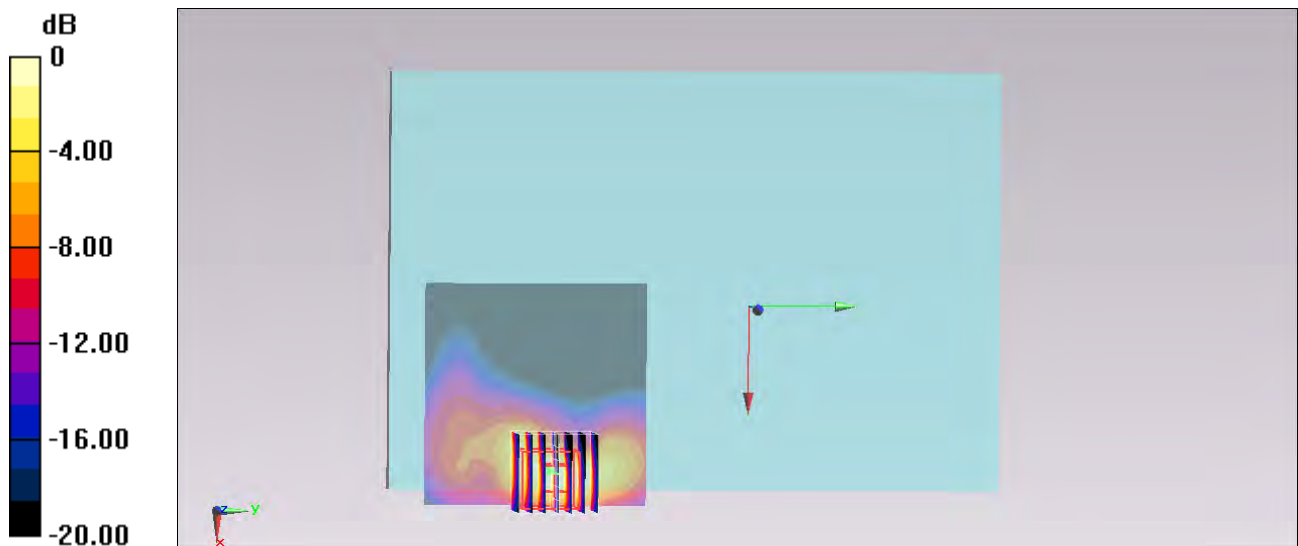
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.545 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.299 mW/g

**SAR(1 g) = 0.907 mW/g; SAR(10 g) = 0.364 mW/g**

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



0 dB = 1.39 mW/g = 2.86 dB mW/g

**#71\_WLAN2.4GHz\_802.11b 1Mbps\_Bottom Face \_0cm\_Ch1;Ant 1**

**DUT: 332727-04**

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

Medium: MSL\_2450\_130729 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.963$  mho/m;  $\epsilon_r = 53.939$ ;  $\rho$

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

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.94, 6.94, 6.94); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch1/Area Scan (71x71x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.08 mW/g

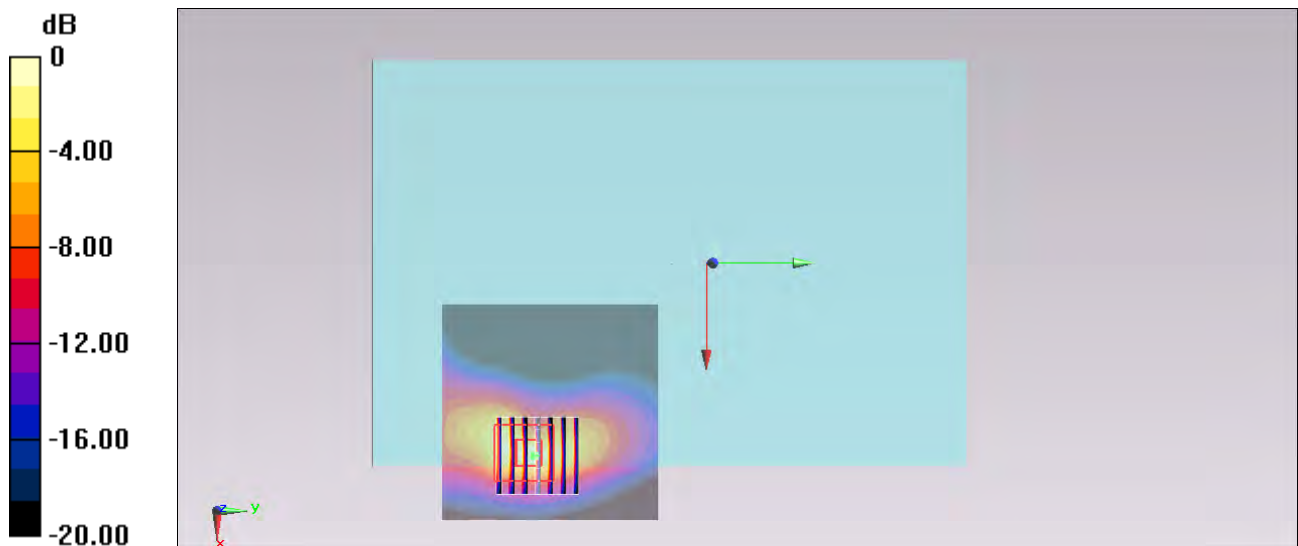
**Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.043 V/m; Power Drift = -0.164 dB

Peak SAR (extrapolated) = 1.782 mW/g

**SAR(1 g) = 0.714 mW/g; SAR(10 g) = 0.286 mW/g**

Maximum value of SAR (measured) = 1.15 mW/g



0 dB = 1.15 mW/g = 1.21 dB mW/g

## #72\_WLAN2.4GHz\_802.11b 1Mbps\_Bottom Face\_0cm\_Ch11;Ant 1

**DUT: 332727-04**

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

Medium: MSL\_2450\_130729 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.038$  mho/m;  $\epsilon_r = 53.837$ ;  $\rho$

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

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.94, 6.94, 6.94); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch11/Area Scan (71x71x1):** Measurement grid: dx=12mm, dy=12mm  
 Maximum value of SAR (interpolated) = 1.73 mW/g

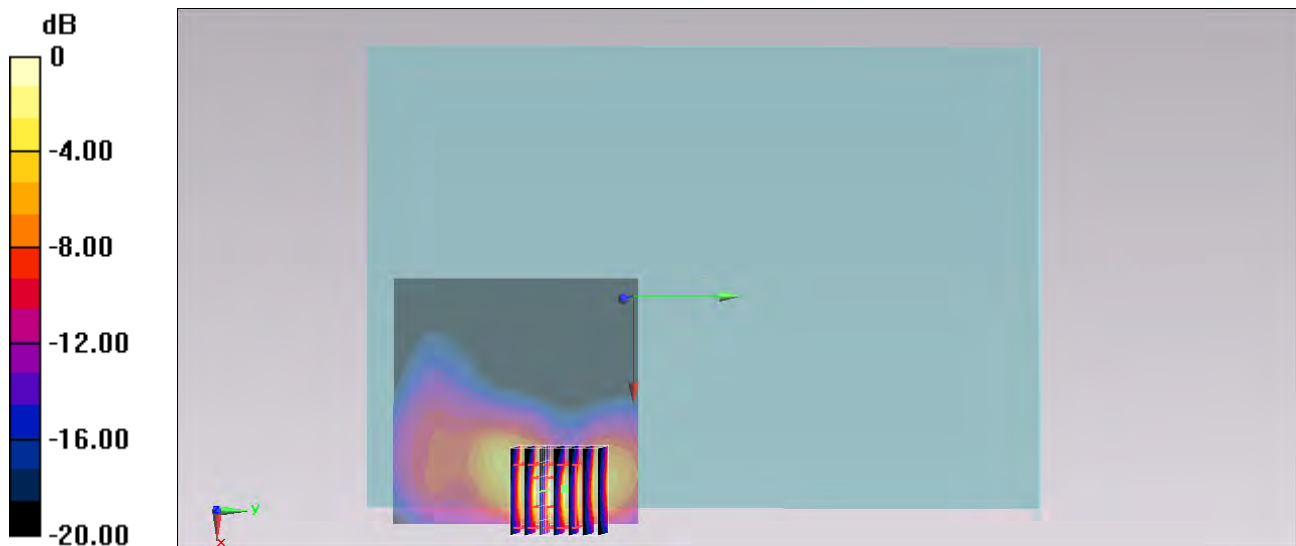
**Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.274 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.666 mW/g

**SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.408 mW/g**

Maximum value of SAR (measured) = 1.83 mW/g



0 dB = 1.83 mW/g = 5.25 dB mW/g

## #14\_WLAN2.4GHz\_802.11b 1Mbps\_Bottom Face - Slant of Ant 1\_0cm\_Ch6;Ant 1

**DUT: 332727-04**

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

Medium: MSL\_2450\_130729 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 2.001$  mho/m;  $\epsilon_r = 53.87$ ;  $\rho =$

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

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.94, 6.94, 6.94); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch6/Area Scan (61x71x1):** Measurement grid: dx=12mm, dy=12mm

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

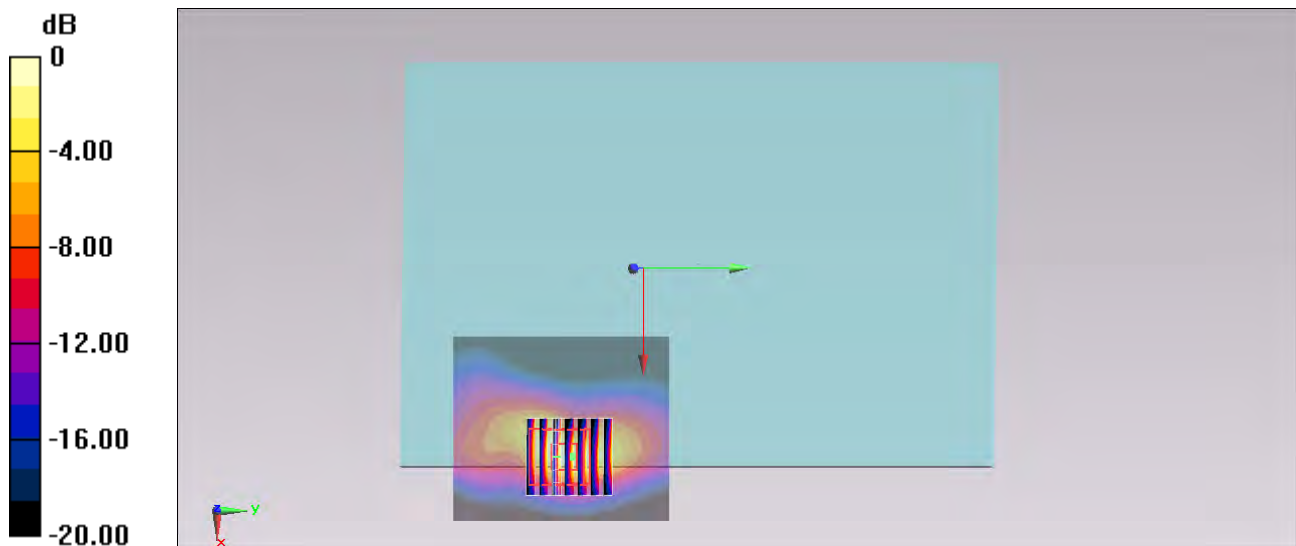
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.598 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 2.620 mW/g

**SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.397 mW/g**

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



0 dB = 1.72 mW/g = 4.71 dB mW/g

**#17\_WLAN2.4GHz\_802.11b 1Mbps\_Bottom Face - Slant of Ant 1\_0cm\_Ch1;Ant 1**

**DUT: 332727-04**

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

Medium: MSL\_2450\_130729 Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.963 \text{ mho/m}$ ;  $\epsilon_r = 53.939$ ;  $\rho$

$= 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.6 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.94, 6.94, 6.94); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch1/Area Scan (61x71x1):** Measurement grid:  $dx=12\text{mm}$ ,  $dy=12\text{mm}$   
 Maximum value of SAR (interpolated) =  $1.30 \text{ mW/g}$

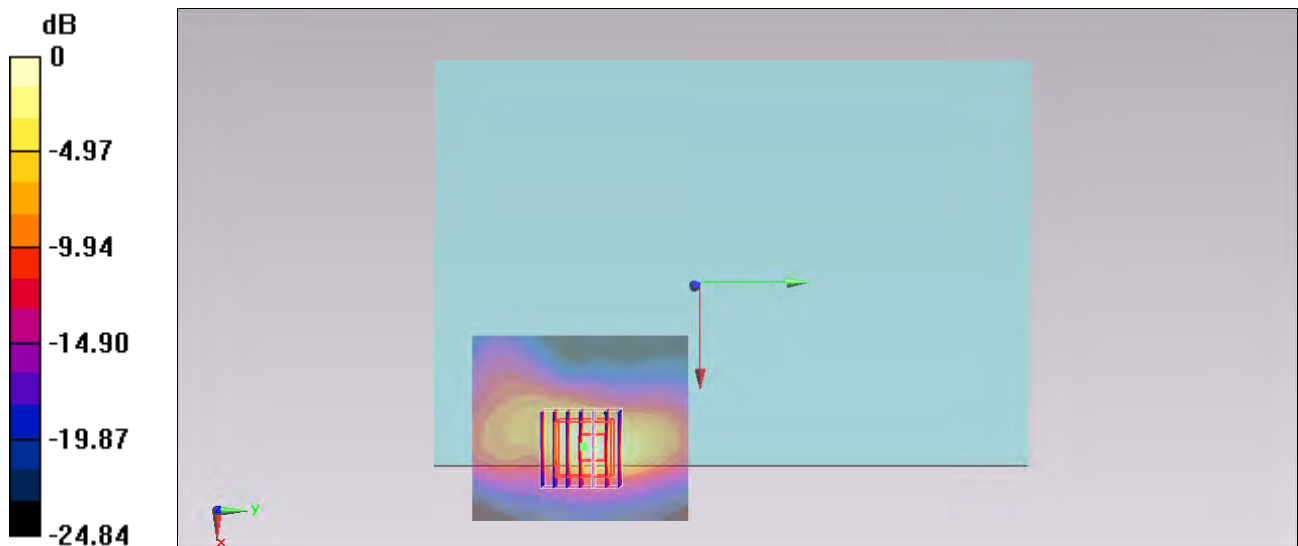
**Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  
 $dz=5\text{mm}$

Reference Value =  $29.477 \text{ V/m}$ ; Power Drift =  $-0.12 \text{ dB}$

Peak SAR (extrapolated) =  $2.122 \text{ mW/g}$

**SAR(1 g) =  $0.854 \text{ mW/g}$ ; SAR(10 g) =  $0.331 \text{ mW/g}$**

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



0 dB =  $1.46 \text{ mW/g} = 3.29 \text{ dB mW/g}$

## #18\_WLAN2.4GHz\_802.11b 1Mbps\_Bottom Face - Slant of Ant 1\_0cm\_Ch11;Ant 1

**DUT: 332727-04**

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

Medium: MSL\_2450\_130729 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.038$  mho/m;  $\epsilon_r = 53.837$ ;  $\rho$

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

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.94, 6.94, 6.94); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch11/Area Scan (61x71x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (interpolated) = 1.67 mW/g

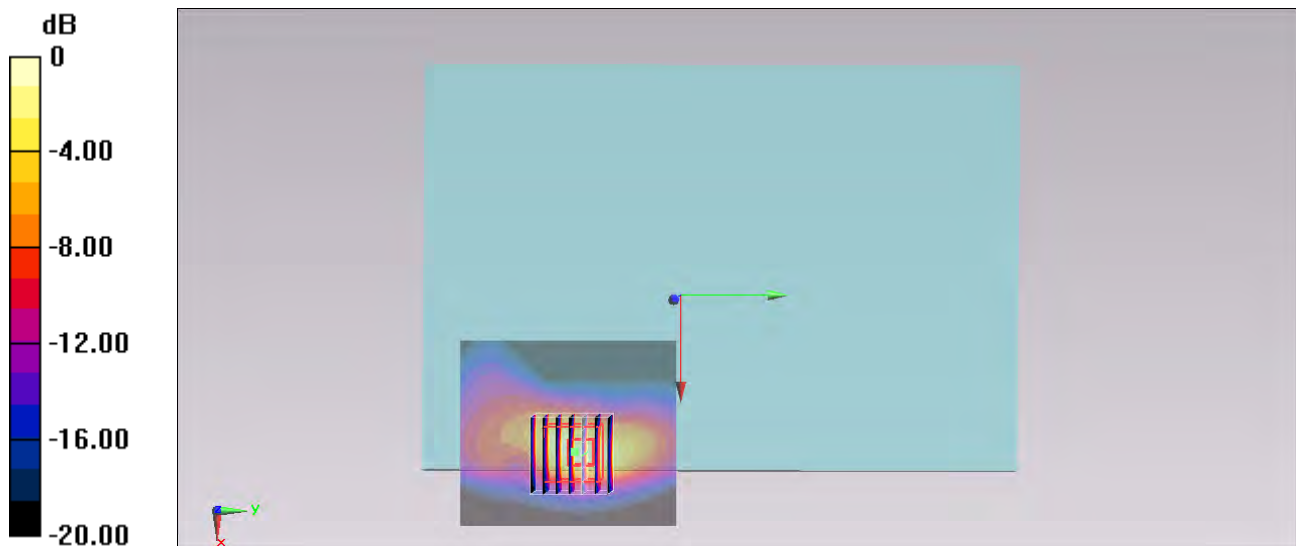
**Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.720 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.844 mW/g

**SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.425 mW/g**

Maximum value of SAR (measured) = 1.90 mW/g



0 dB = 1.90 mW/g = 5.58 dB mW/g

### #73\_WLAN2.4GHz\_802.11b 1Mbps\_Bottom Face - Slant of Ant 1\_0cm\_Ch11;Ant 1\_Repeat

DUT: 332727-04

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

Medium: MSL\_2450\_130729 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.038$  mho/m;  $\epsilon_r = 53.837$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.94, 6.94, 6.94); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch11/Area Scan (61x71x1):** Measurement grid: dx=12mm, dy=12mm

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

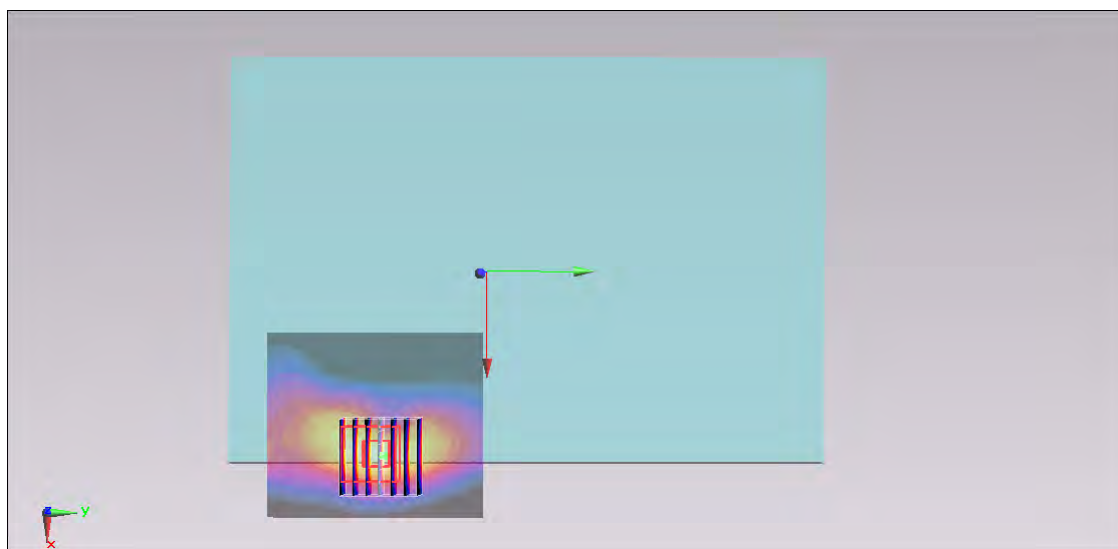
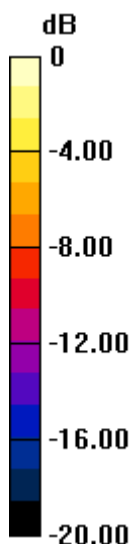
**Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.720 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 2.911 mW/g

**SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.427 mW/g**

Maximum value of SAR (measured) = 1.79 mW/g



0 dB = 1.79 mW/g = 5.06 dB mW/g

## #15\_WLAN2.4GHz\_802.11b 1Mbps\_Edge 1\_0cm\_Ch6;Ant 1

**DUT: 332727-04**

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

Medium: MSL\_2450\_130729 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 2.001$  mho/m;  $\epsilon_r = 53.87$ ;  $\rho =$

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

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.94, 6.94, 6.94); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch6/Area Scan (41x81x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.06 mW/g

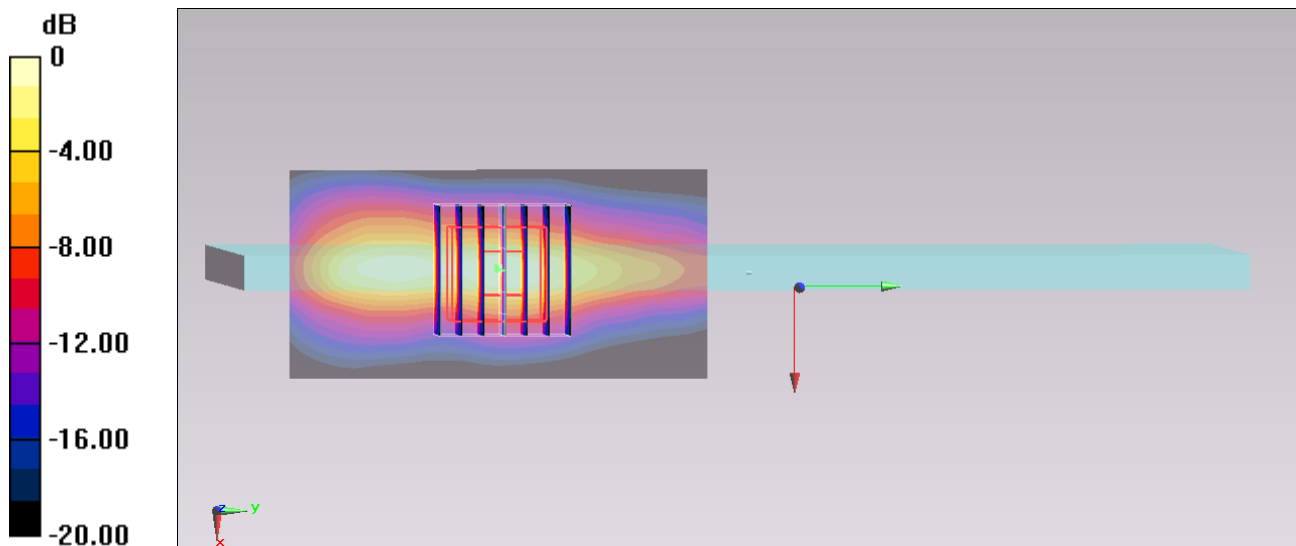
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.241 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.599 mW/g

**SAR(1 g) = 0.633 mW/g; SAR(10 g) = 0.250 mW/g**

Maximum value of SAR (measured) = 1.07 mW/g



0 dB = 1.07 mW/g = 0.59 dB mW/g



## #19\_WLAN2.4GHz\_802.11b 1Mbps\_Bottom Face \_0cm\_Ch6;Ant 2

**DUT: 332727-04**

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

Medium: MSL\_2450\_130729 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 2.001$  mho/m;  $\epsilon_r = 53.87$ ;  $\rho =$

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

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.94, 6.94, 6.94); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch6/Area Scan (71x51x1):** Measurement grid: dx=12mm, dy=12mm

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

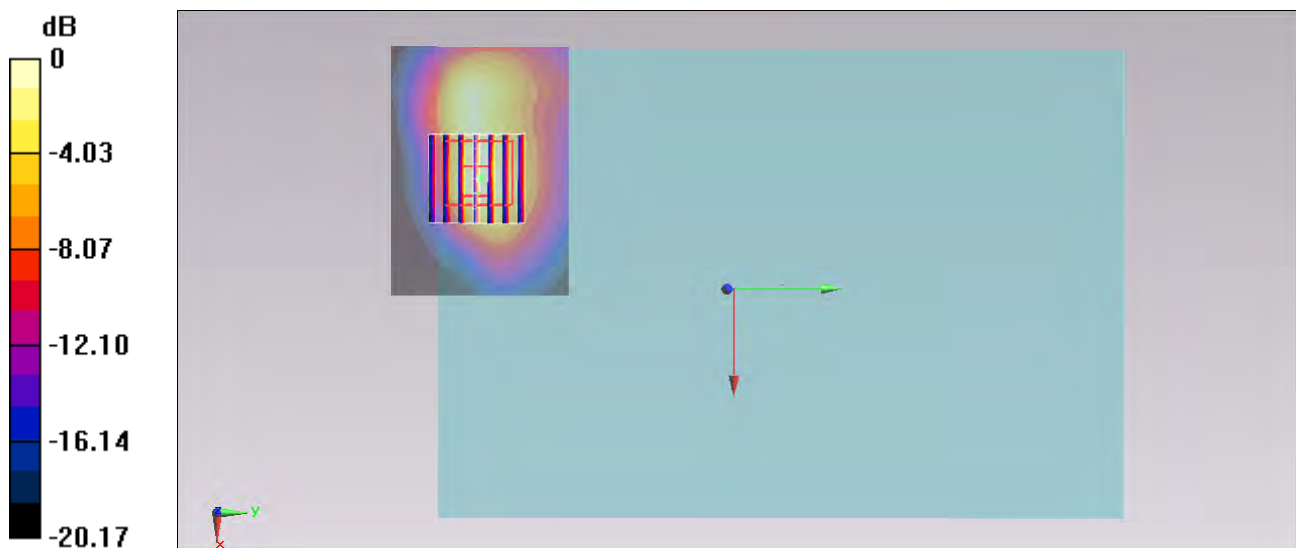
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.684 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.994 mW/g

**SAR(1 g) = 0.802 mW/g; SAR(10 g) = 0.365 mW/g**

Maximum value of SAR (measured) = 1.24 mW/g



0 dB = 1.24 mW/g = 1.87 dB mW/g

## #23\_WLAN2.4GHz\_802.11b 1Mbps\_Bottom Face \_0cm\_Ch1;Ant 2

**DUT: 332727-04**

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

Medium: MSL\_2450\_130729 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.963$  mho/m;  $\epsilon_r = 53.939$ ;  $\rho$

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

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.94, 6.94, 6.94); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch1/Area Scan (71x51x1):** Measurement grid: dx=12mm, dy=12mm  
 Maximum value of SAR (interpolated) = 1.17 mW/g

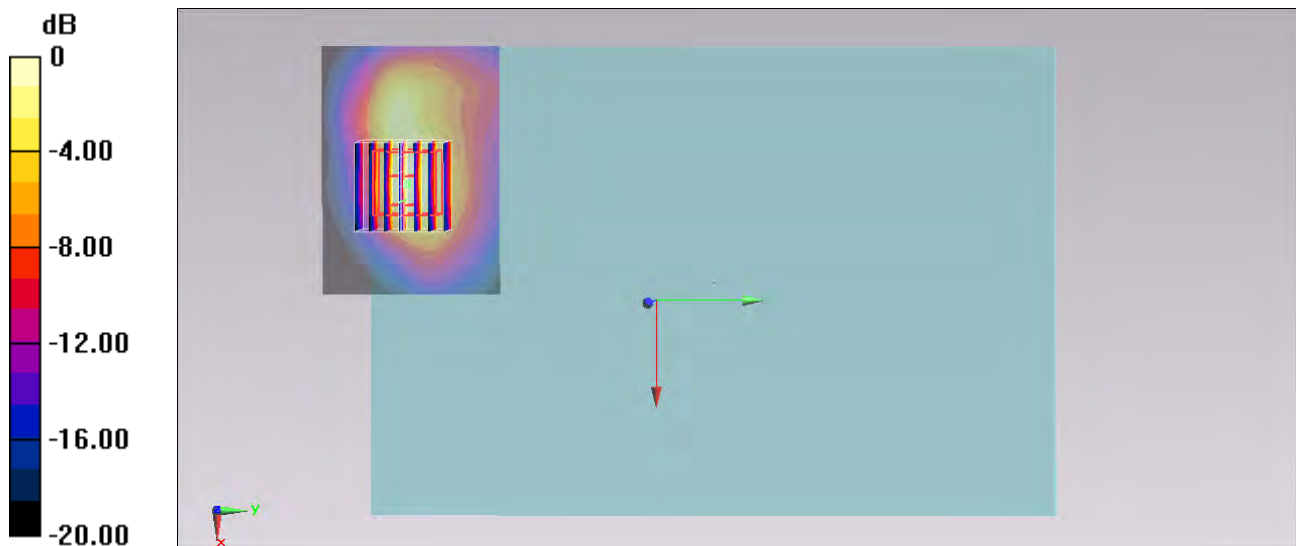
**Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.583 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.757 mW/g

**SAR(1 g) = 0.704 mW/g; SAR(10 g) = 0.319 mW/g**

Maximum value of SAR (measured) = 1.12 mW/g



0 dB = 1.12 mW/g = 0.98 dB mW/g

## #24\_WLAN2.4GHz\_802.11b 1Mbps\_Bottom Face\_0cm\_Ch11;Ant 2

**DUT: 332727-04**

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

Medium: MSL\_2450\_130729 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.038$  mho/m;  $\epsilon_r = 53.837$ ;  $\rho$

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

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.94, 6.94, 6.94); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch11/Area Scan (71x51x1):** Measurement grid: dx=12mm, dy=12mm  
 Maximum value of SAR (interpolated) = 0.926 mW/g

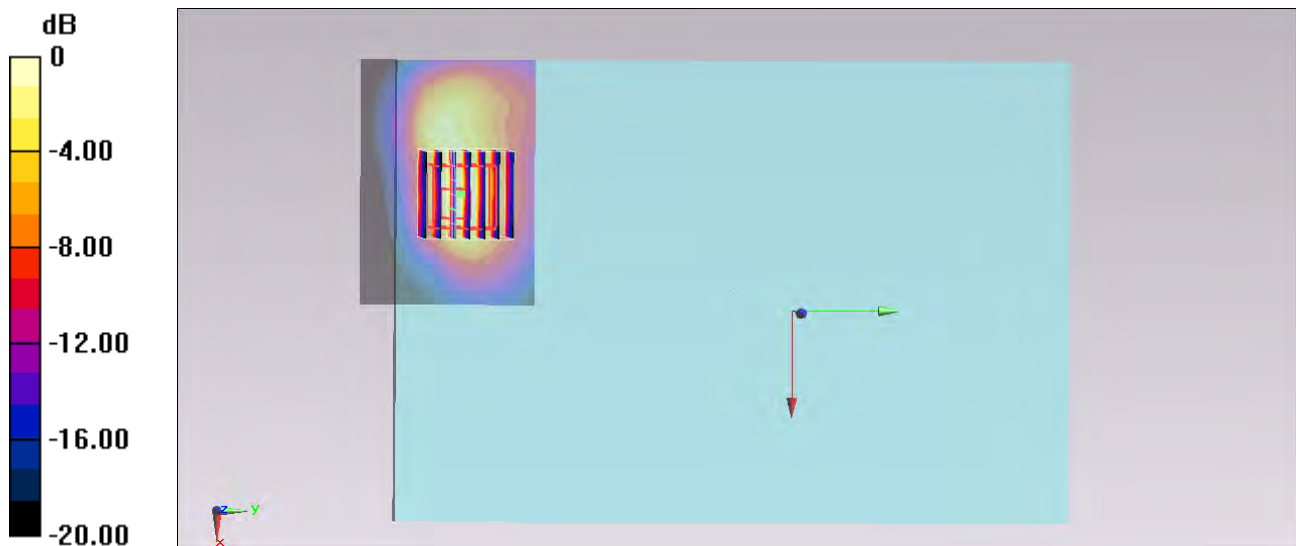
**Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.786 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.642 mW/g

**SAR(1 g) = 0.622 mW/g; SAR(10 g) = 0.275 mW/g**

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



0 dB = 1.05 mW/g = 0.42 dB mW/g

## #20\_WLAN2.4GHz\_802.11b 1Mbps\_Bottom Face - Slant of Ant 2\_0cm\_Ch6;Ant 2

**DUT: 332727-04**

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

Medium: MSL\_2450\_130729 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 2.001$  mho/m;  $\epsilon_r = 53.87$ ;  $\rho =$

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

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.94, 6.94, 6.94); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch6/Area Scan (71x51x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.15 mW/g

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

Reference Value = 22.705 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.732 mW/g

**SAR(1 g) = 0.655 mW/g; SAR(10 g) = 0.322 mW/g**

Maximum value of SAR (measured) = 1.06 mW/g

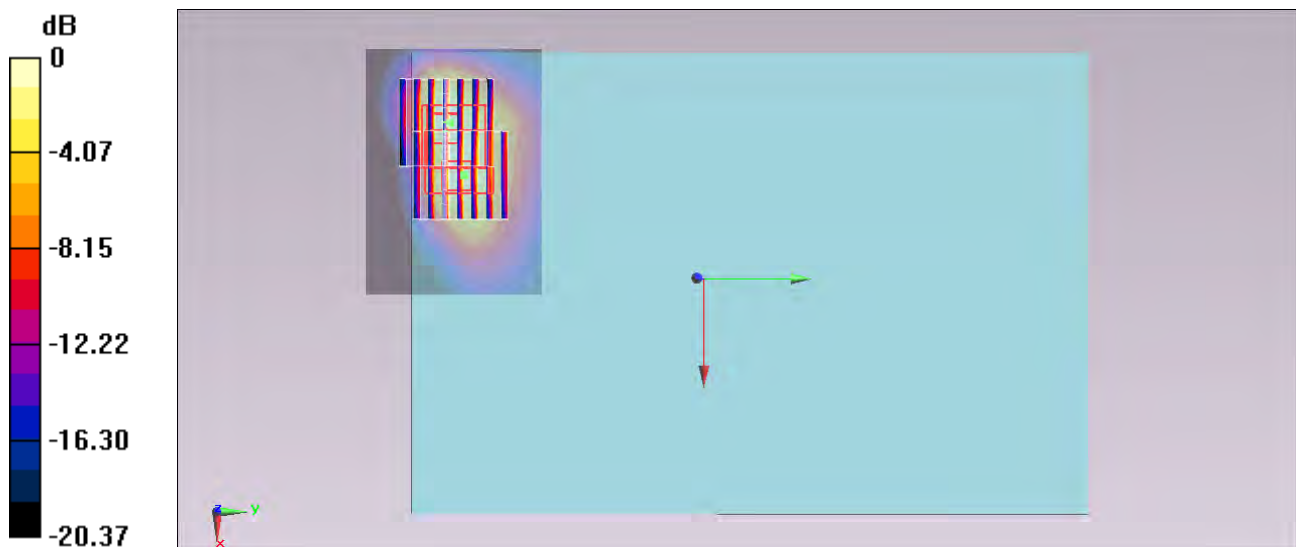
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.705 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.704 mW/g

**SAR(1 g) = 0.636 mW/g; SAR(10 g) = 0.307 mW/g**

Maximum value of SAR (measured) = 1.02 mW/g



0 dB = 1.02 mW/g = 0.17 dB mW/g

## #21\_WLAN5GHz\_802.11a 6Mbps\_Edge 4\_0cm\_Ch6;Ant 2

**DUT: 332727-04**

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

Medium: MSL\_2450\_130729 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 2.001$  mho/m;  $\epsilon_r = 53.87$ ;  $\rho =$

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

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(6.94, 6.94, 6.94); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch6/Area Scan (51x71x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.12 mW/g

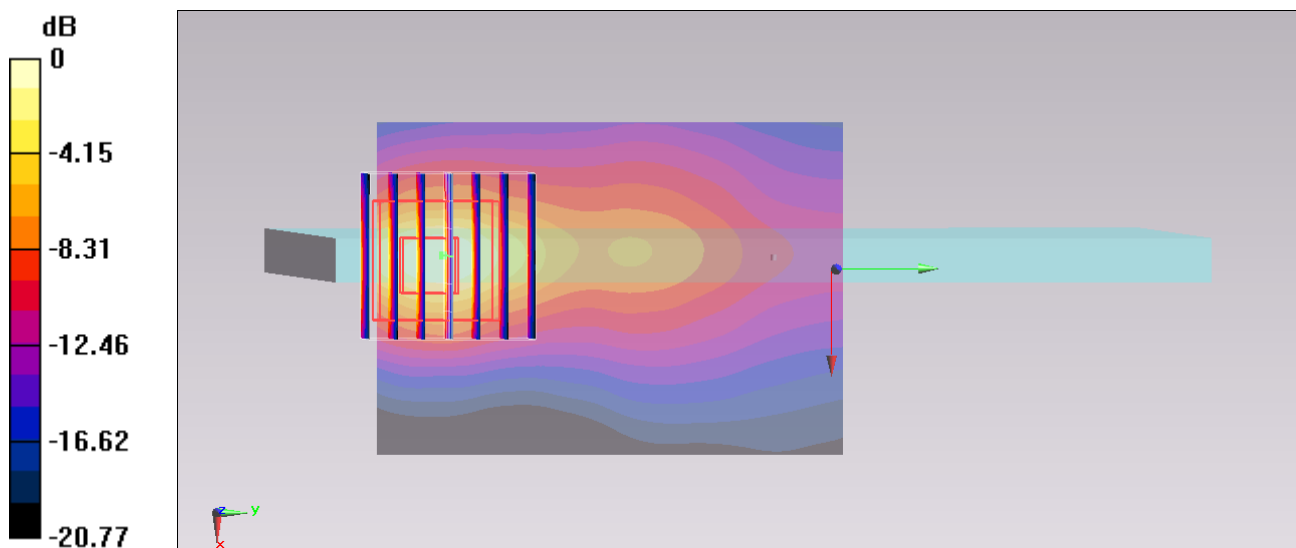
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.680 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.666 mW/g

**SAR(1 g) = 0.656 mW/g; SAR(10 g) = 0.254 mW/g**

Maximum value of SAR (measured) = 1.06 mW/g



0 dB = 1.06 mW/g = 0.51 dB mW/g

### #88\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face\_0cm\_Ch40;Ant 1

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5200 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130730 Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.336$  mho/m;  $\epsilon_r = 47.488$ ;  $\rho =$

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

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.27, 4.27, 4.27); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch40/Area Scan (61x91x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.67 mW/g

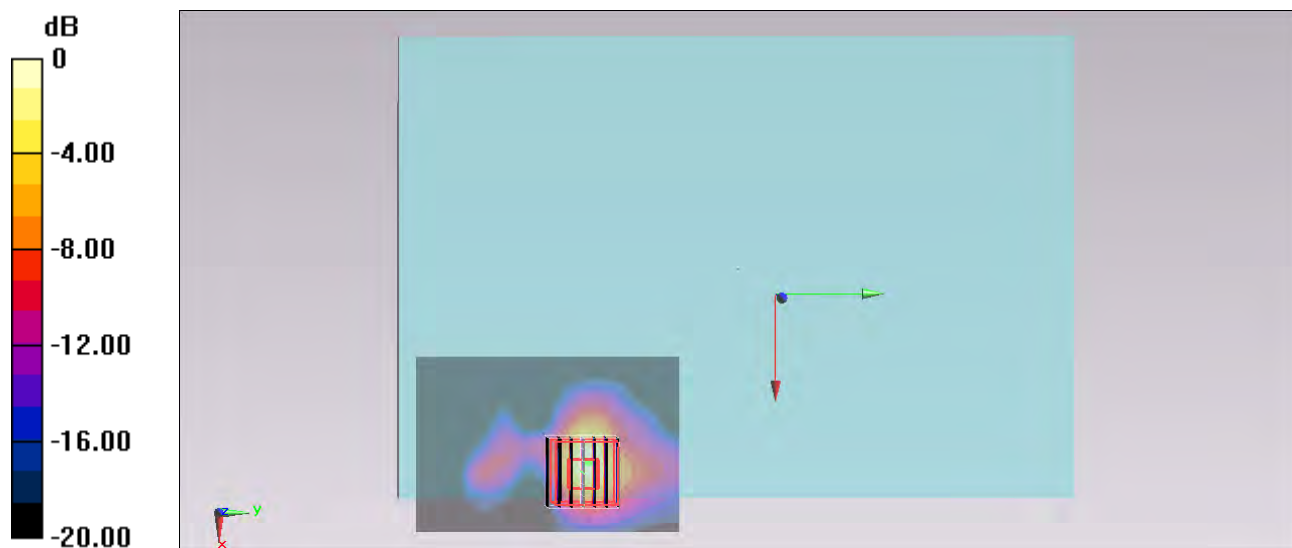
**Configuration/Ch40/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 18.399 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.928 mW/g

**SAR(1 g) = 0.682 mW/g; SAR(10 g) = 0.178 mW/g**

Maximum value of SAR (measured) = 1.83 mW/g



0 dB = 1.83 mW/g = 5.25 dB mW/g

**#89\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face - Slant of Ant 1\_0cm\_Ch40;Ant 1**

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5200 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130730 Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.336$  mho/m;  $\epsilon_r = 47.488$ ;  $\rho =$

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

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.27, 4.27, 4.27); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch40/Area Scan (71x81x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.85 mW/g

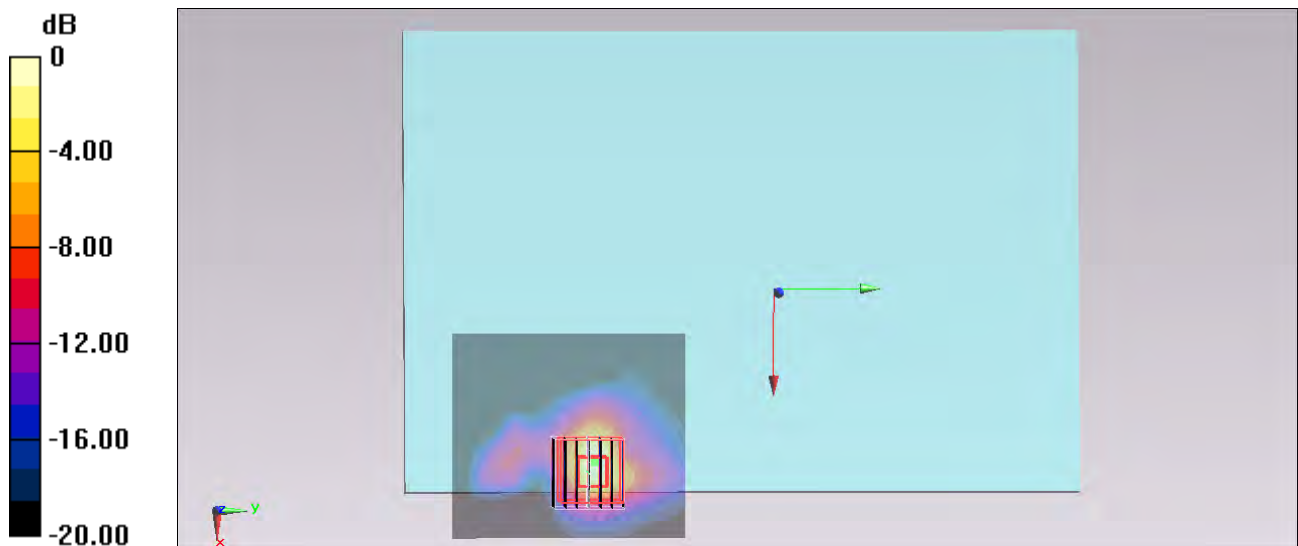
**Configuration/Ch40/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 19.864 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.360 mW/g

**SAR(1 g) = 0.760 mW/g; SAR(10 g) = 0.191 mW/g**

Maximum value of SAR (measured) = 2.02 mW/g



## #91\_WLAN5GHz\_802.11a 6Mbps\_Edge 1\_0cm\_Ch40;Ant 1

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5200 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130730 Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.336$  mho/m;  $\epsilon_r = 47.488$ ;  $\rho =$

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

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.27, 4.27, 4.27); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch40/Area Scan (61x91x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.19 mW/g

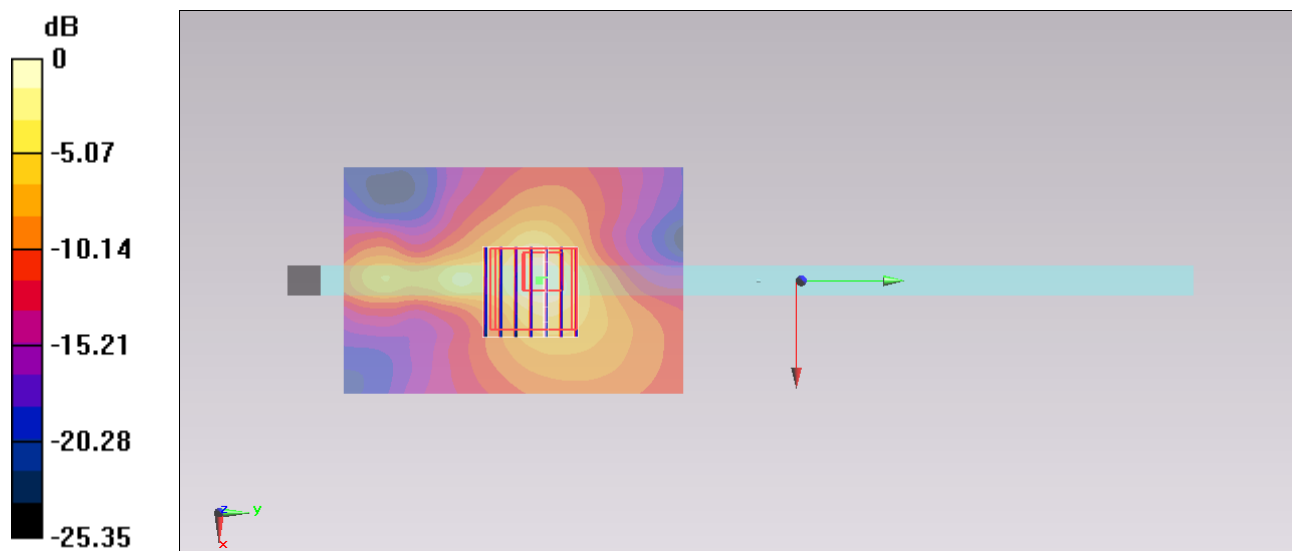
**Configuration/Ch40/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 15.957 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.911 mW/g

**SAR(1 g) = 0.450 mW/g; SAR(10 g) = 0.142 mW/g**

Maximum value of SAR (measured) = 1.11 mW/g



0 dB = 1.11 mW/g = 0.91 dB mW/g



### #35\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face\_0cm\_Ch60;Ant 1

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130726 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.264$  mho/m;  $\epsilon_r = 47.249$ ;  $\rho =$

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

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.26, 4.26, 4.26); Calibrated: 2013/6/12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch60/Area Scan (61x91x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.76 mW/g

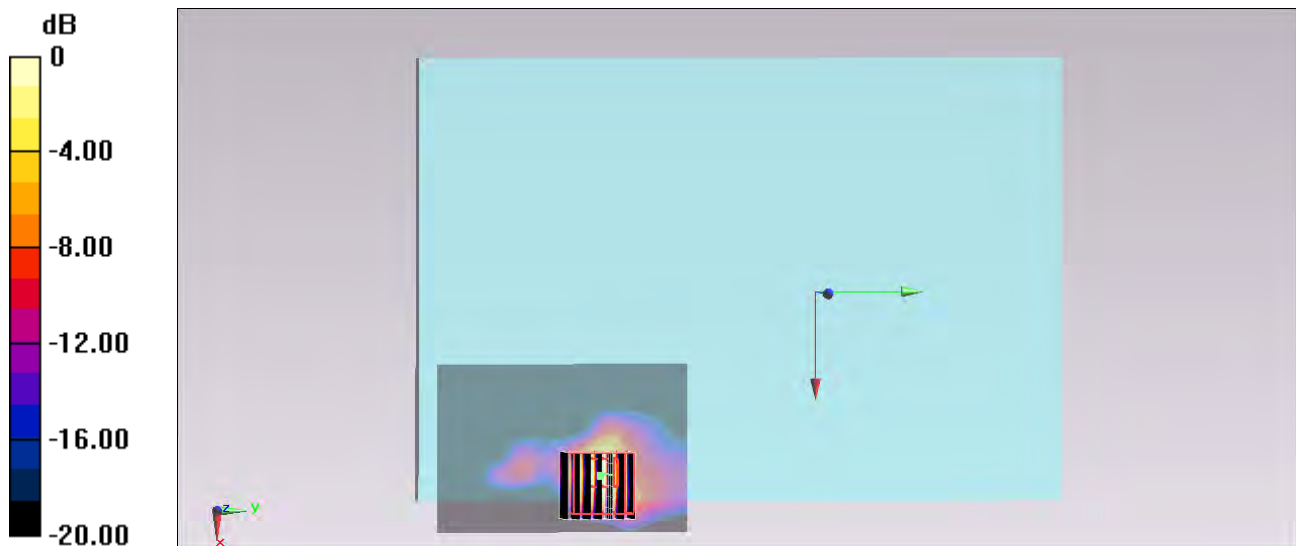
**Configuration/Ch60/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 19.537 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.737 mW/g

**SAR(1 g) = 0.601 mW/g; SAR(10 g) = 0.138 mW/g**

Maximum value of SAR (measured) = 1.58 mW/g



0 dB = 1.58 mW/g = 3.97 dB mW/g

### #36\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face - Slant of Ant 1\_0cm\_Ch60;Ant 1

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130726 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.264$  mho/m;  $\epsilon_r = 47.249$ ;  $\rho =$

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

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.26, 4.26, 4.26); Calibrated: 2013/6/12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch60/Area Scan (61x101x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 1.82 mW/g

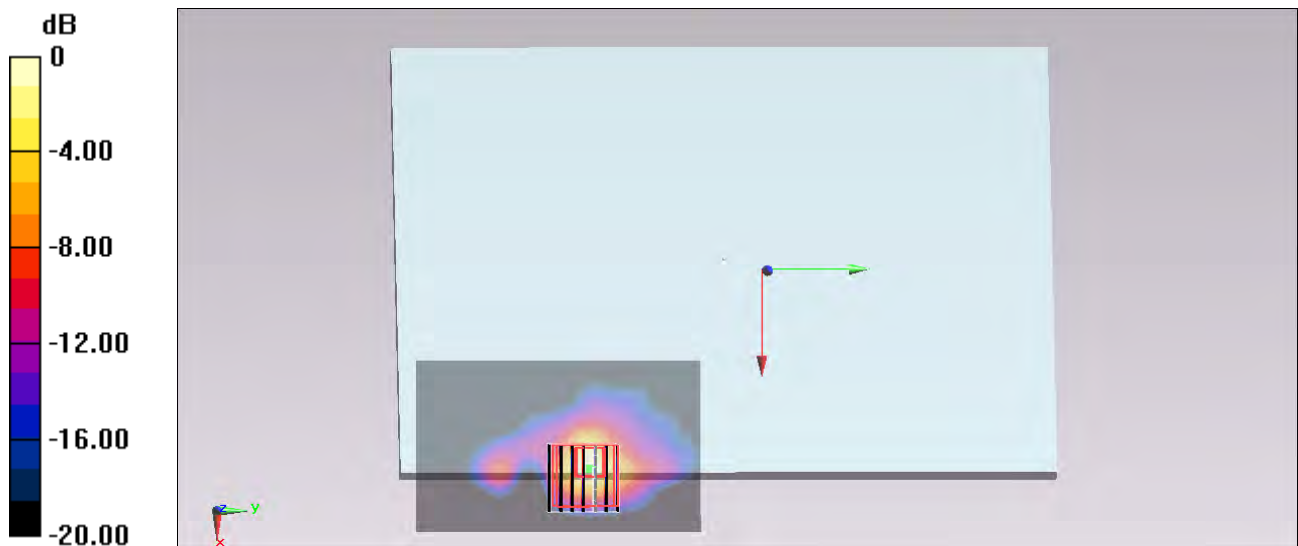
**Configuration/Ch60/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 19.823 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 3.047 mW/g

**SAR(1 g) = 0.680 mW/g; SAR(10 g) = 0.149 mW/g**

Maximum value of SAR (measured) = 1.74 mW/g



0 dB = 1.74 mW/g = 4.81 dB mW/g

## #75\_WLAN5GHz\_802.11a 6Mbps\_Edge 1\_0cm\_Ch60;Ant 1

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130730 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.478$  mho/m;  $\epsilon_r = 47.222$ ;  $\rho =$

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

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.12, 4.12, 4.12); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch60/Area Scan (41x101x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.30 mW/g

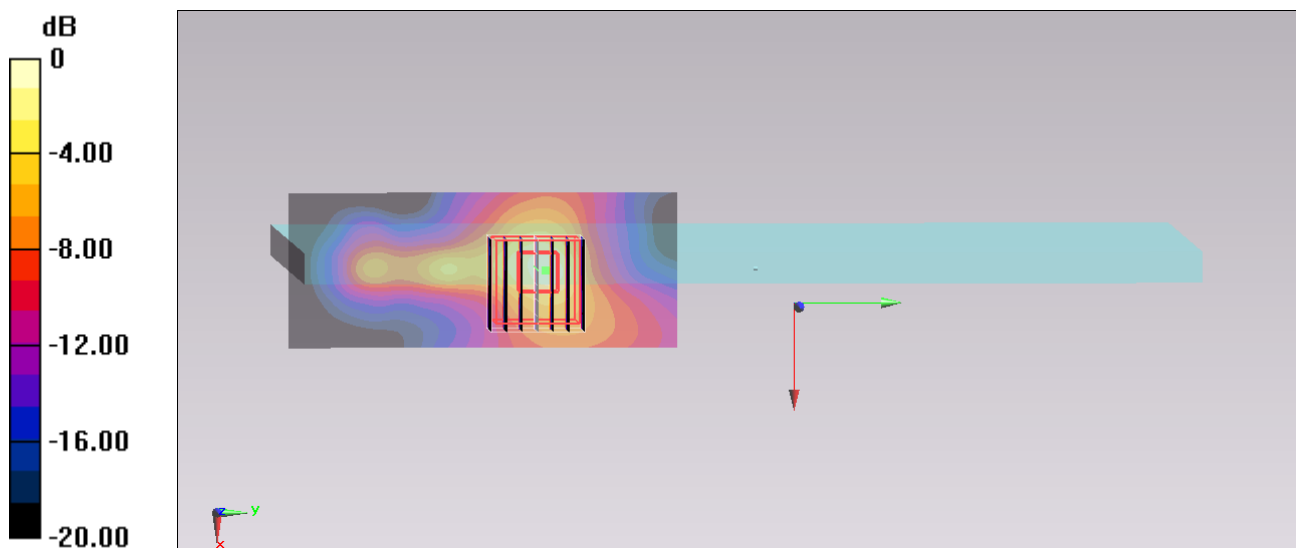
**Configuration/Ch60/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 18.294 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 2.480 mW/g

**SAR(1 g) = 0.561 mW/g; SAR(10 g) = 0.171 mW/g**

Maximum value of SAR (measured) = 1.41 mW/g



0 dB = 1.41 mW/g = 2.98 dB mW/g

### #27\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face\_0cm\_Ch116;Ant 1

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130726 Medium parameters used :  $f = 5580$  MHz;  $\sigma = 5.618$  mho/m;  $\epsilon_r = 46.854$ ;  $\rho =$

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

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(3.78, 3.78, 3.78); Calibrated: 2013/6/12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch116/Area Scan (61x91x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.80 mW/g

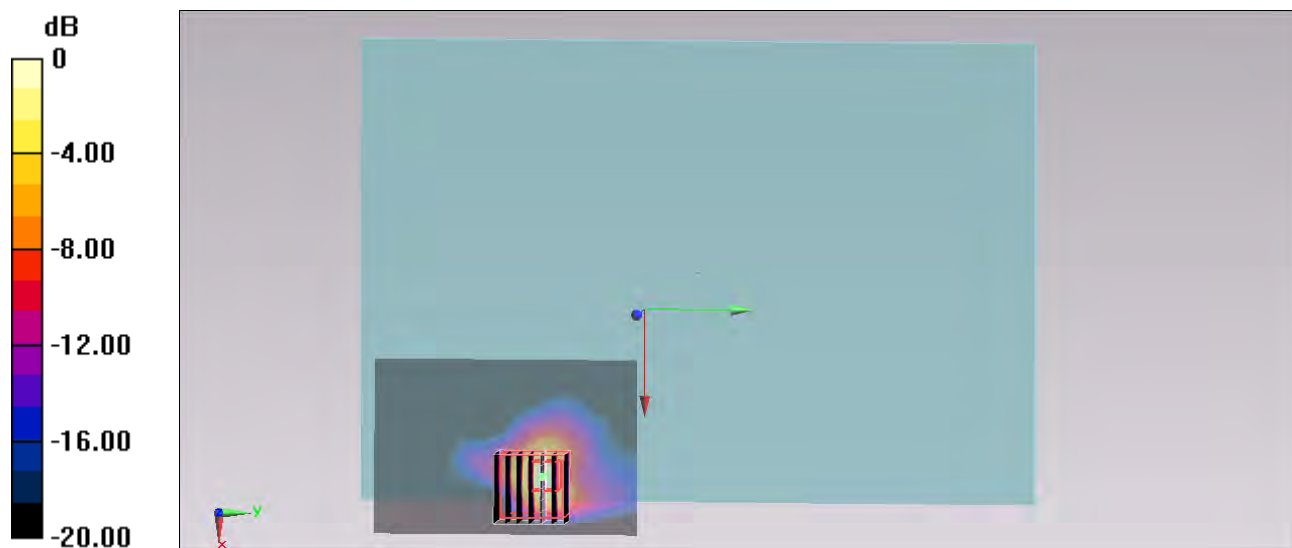
**Configuration/Ch116/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 24.810 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 4.248 mW/g

**SAR(1 g) = 0.924 mW/g; SAR(10 g) = 0.207 mW/g**

Maximum value of SAR (measured) = 2.58 mW/g



0 dB = 2.58 mW/g = 8.23 dB mW/g

### #33\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face\_0cm\_Ch104;Ant 1

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5520 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130726 Medium parameters used:  $f = 5520$  MHz;  $\sigma = 5.537$  mho/m;  $\epsilon_r = 46.993$ ;  $\rho =$

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

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(3.98, 3.98, 3.98); Calibrated: 2013/6/12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch104/Area Scan (61x81x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.14 mW/g

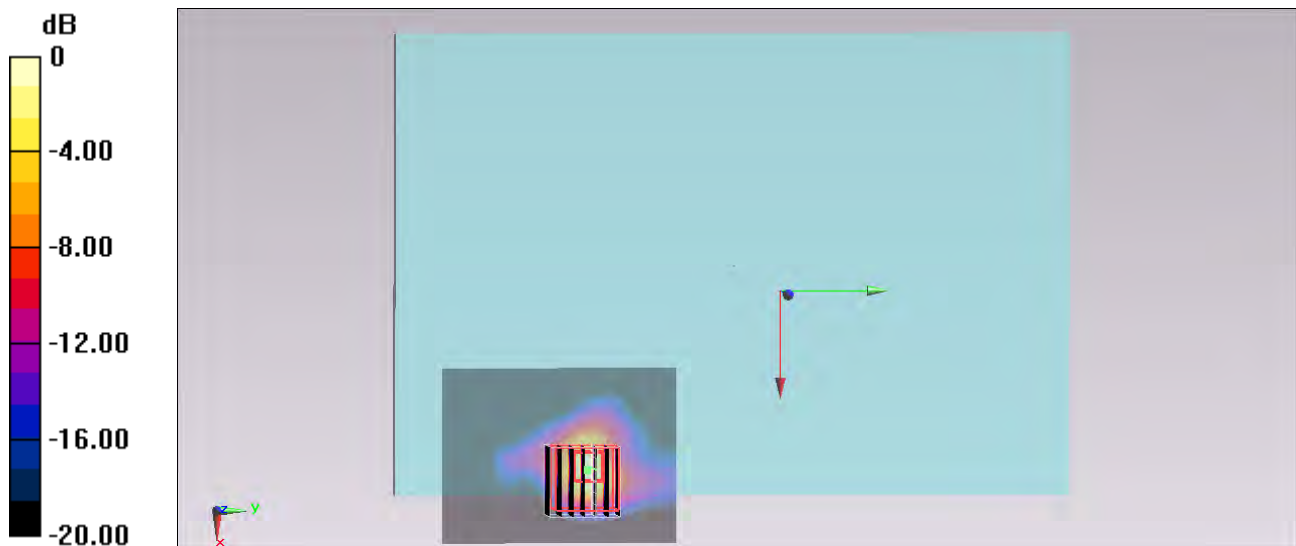
**Configuration/Ch104/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 22.943 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 4.119 mW/g

**SAR(1 g) = 0.846 mW/g; SAR(10 g) = 0.181 mW/g**

Maximum value of SAR (measured) = 2.37 mW/g



0 dB = 2.37 mW/g = 7.49 dB mW/g

### #34\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face\_0cm\_Ch136;Ant 1

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5680 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130726 Medium parameters used:  $f = 5680$  MHz;  $\sigma = 5.781$  mho/m;  $\epsilon_r = 46.704$ ;  $\rho =$

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

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(3.78, 3.78, 3.78); Calibrated: 2013/6/12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch136/Area Scan (61x81x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.40 mW/g

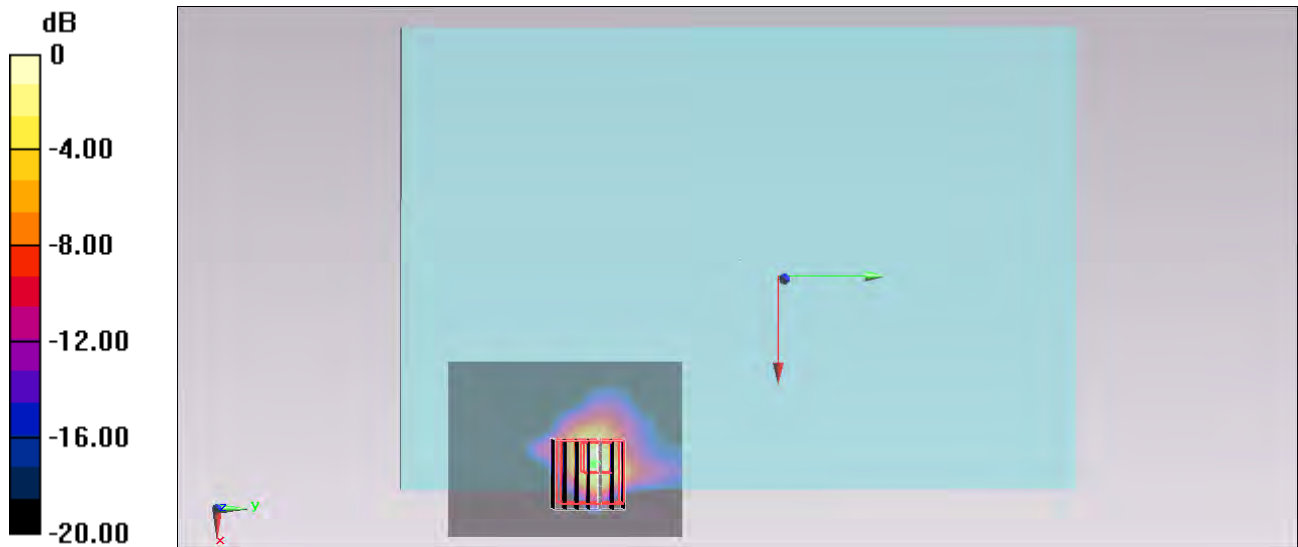
**Configuration/Ch136/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 22.076 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 4.101 mW/g

**SAR(1 g) = 0.821 mW/g; SAR(10 g) = 0.173 mW/g**

Maximum value of SAR (measured) = 2.38 mW/g



0 dB = 2.38 mW/g = 7.53 dB mW/g

## #28\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face - Slant of Ant 1\_0cm\_Ch116;Ant 1

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130726 Medium parameters used :  $f = 5580$  MHz;  $\sigma = 5.618$  mho/m;  $\epsilon_r = 46.854$ ;  $\rho =$

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

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(3.78, 3.78, 3.78); Calibrated: 2013/6/12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch116/Area Scan (61x101x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 2.83 mW/g

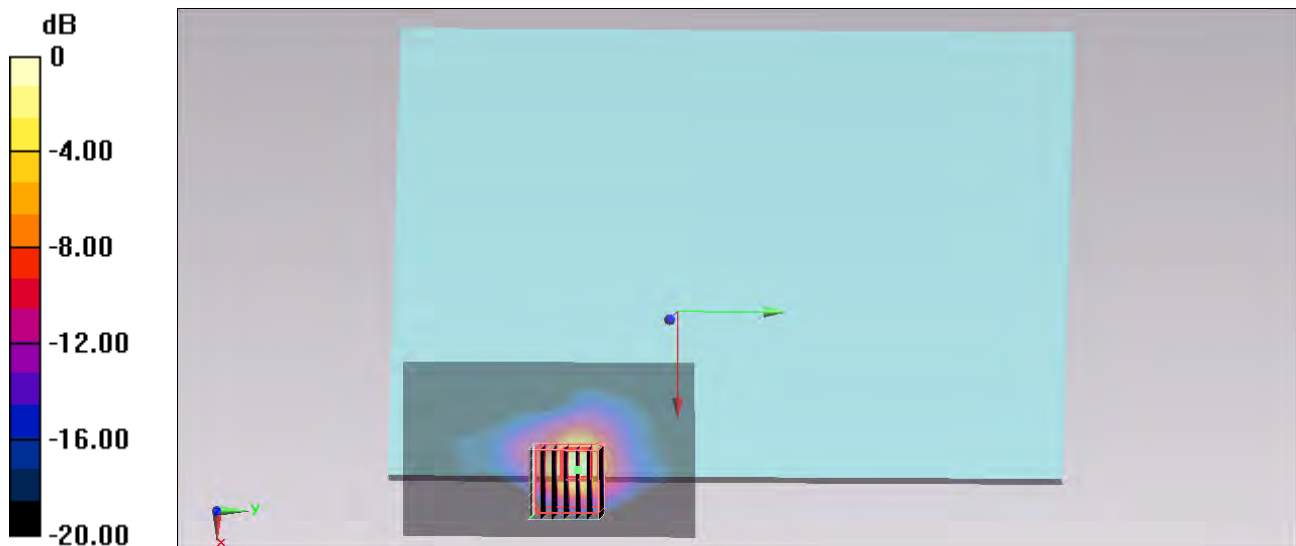
**Configuration/Ch116/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 25.667 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 5.199 mW/g

**SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.239 mW/g**

Maximum value of SAR (measured) = 3.06 mW/g



0 dB = 3.06 mW/g = 9.71 dB mW/g

## #105\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face - Slant of Ant 1\_0cm\_Ch116;Ant 1

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130730 Medium parameters used :  $f = 5580$  MHz;  $\sigma = 5.856$  mho/m;  $\epsilon_r = 46.769$ ;  $\rho =$

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

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch116/Area Scan (71x81x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 2.83 mW/g

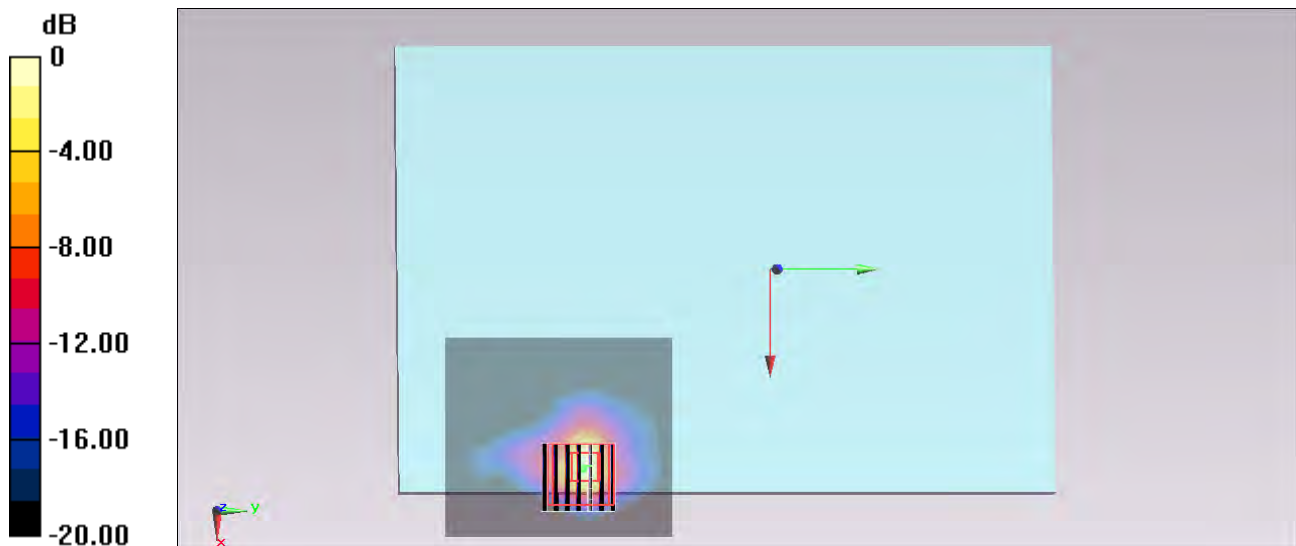
**Configuration/Ch116/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm,  
 dz=1.4mm

Reference Value = 26.186 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 5.777 mW/g

**SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.243 mW/g**

Maximum value of SAR (measured) = 3.27 mW/g



0 dB = 3.27 mW/g = 10.29 dB mW/g



**#31\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face - Slant of Ant 1\_0cm\_Ch104;Ant 1**

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5520 MHz;Duty Cycle: 1:1.015

Medium: MSL\_5G\_130726 Medium parameters used :  $f = 5520$  MHz;  $\sigma = 5.537$  mho/m;  $\epsilon_r = 46.993$ ;  $\rho =$

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

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(3.98, 3.98, 3.98); Calibrated: 2013/6/12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch104/Area Scan (61x101x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 2.52 mW/g

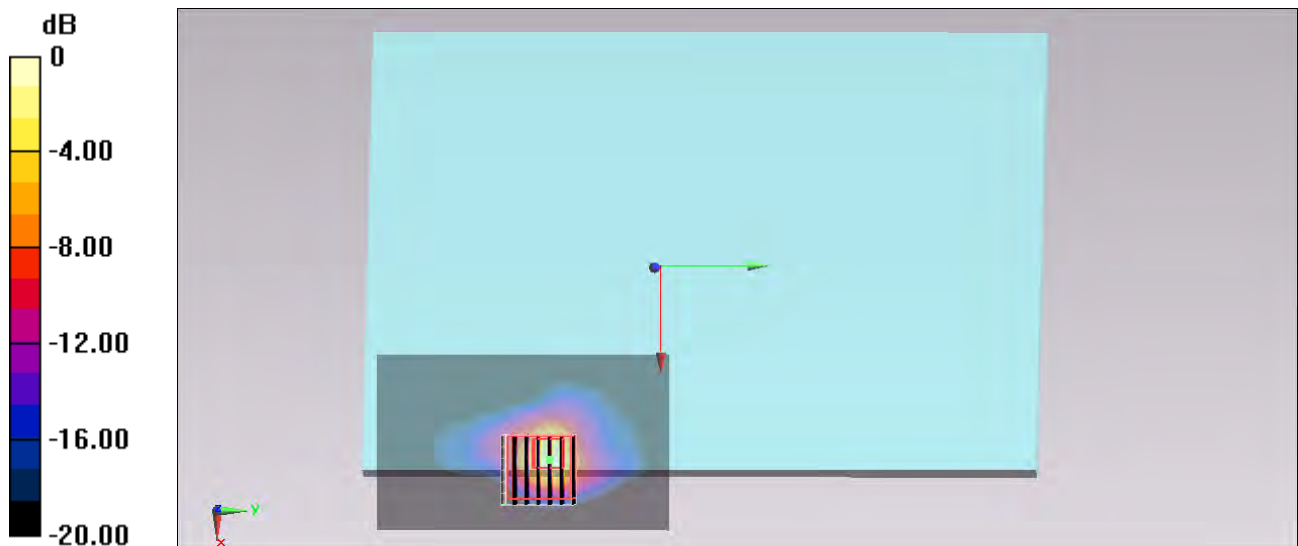
**Configuration/Ch104/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm,  
 dz=1.4mm

Reference Value = 24.043 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 4.811 mW/g

**SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.214 mW/g**

Maximum value of SAR (measured) = 2.77 mW/g



0 dB = 2.77 mW/g = 8.85 dB mW/g

### #32\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face - Slant of Ant 1\_0cm\_Ch136;Ant 1

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5680 MHz;Duty Cycle: 1:1.015

Medium: MSL\_5G\_130726 Medium parameters used :  $f = 5680$  MHz;  $\sigma = 5.781$  mho/m;  $\epsilon_r = 46.704$ ;  $\rho =$

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

Ambient Temperature :  $23.5$  °C ; Liquid Temperature :  $22.5$  °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(3.78, 3.78, 3.78); Calibrated: 2013/6/12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch136/Area Scan (61x101x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 2.67 mW/g

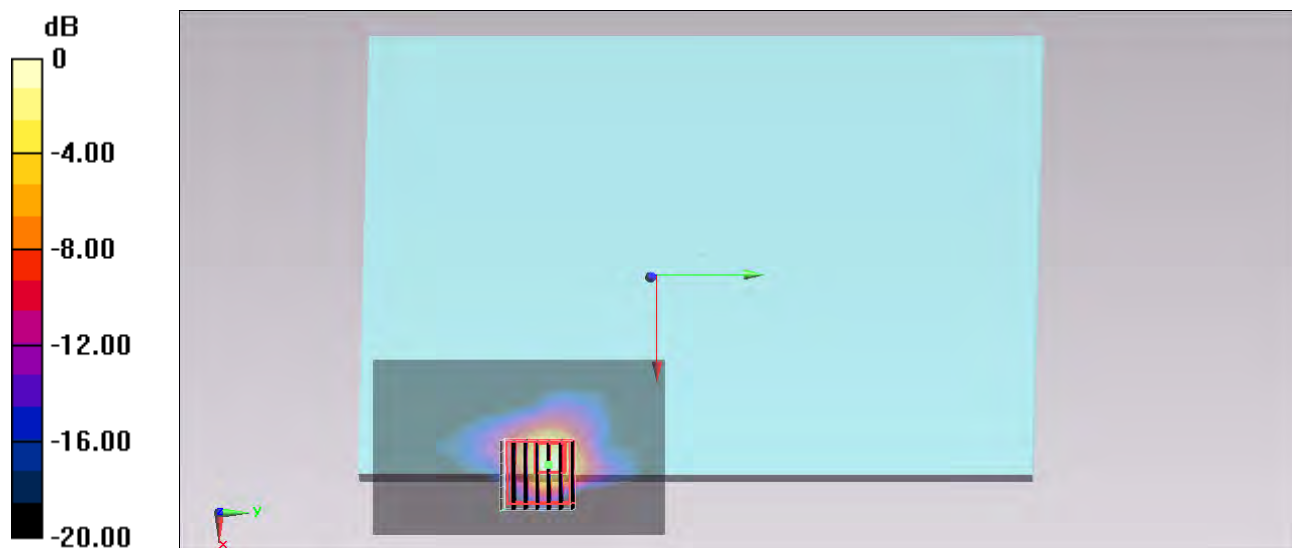
**Configuration/Ch136/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm,  
dz=1.4mm

Reference Value = 23.449 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 4.843 mW/g

**SAR(1 g) = 0.987 mW/g; SAR(10 g) = 0.204 mW/g**

Maximum value of SAR (measured) = 2.80 mW/g



0 dB = 2.80 mW/g = 8.94 dB mW/g

## #29\_WLAN5GHz\_802.11a 6Mbps\_Edge 1\_0cm\_Ch116;Ant 1

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130726 Medium parameters used :  $f = 5580$  MHz;  $\sigma = 5.618$  mho/m;  $\epsilon_r = 46.854$ ;  $\rho =$

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

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(3.78, 3.78, 3.78); Calibrated: 2013/6/12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch116/Area Scan (41x101x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 1.11 mW/g

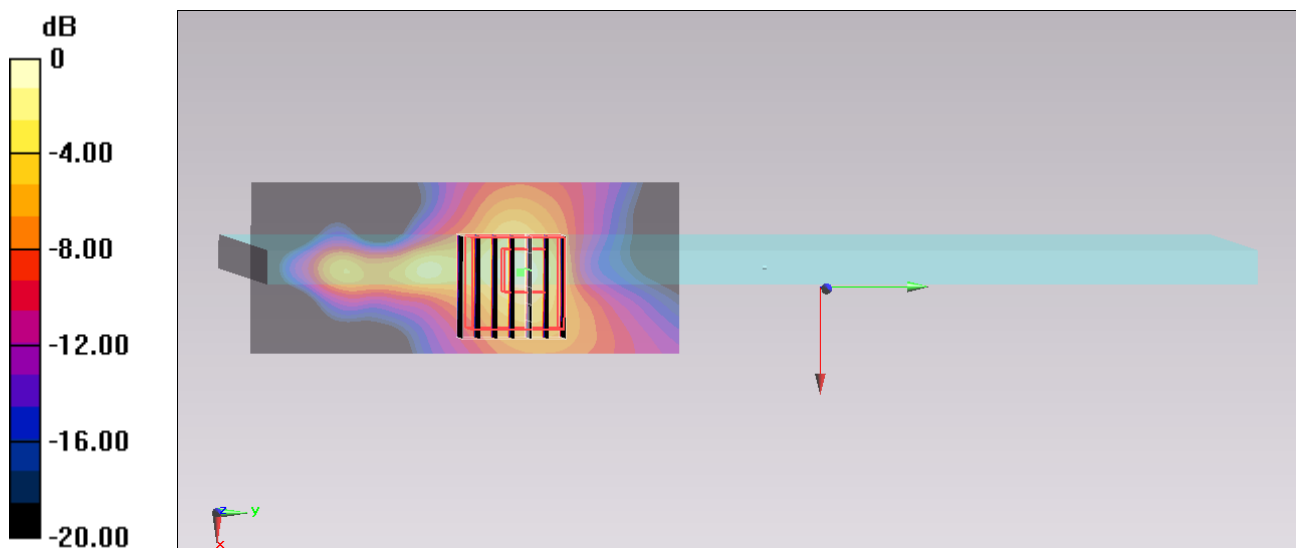
**Configuration/Ch116/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm,  
 dz=1.4mm

Reference Value = 17.468 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 2.339 mW/g

**SAR(1 g) = 0.511 mW/g; SAR(10 g) = 0.152 mW/g**

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



0 dB = 1.34 mW/g = 2.54 dB mW/g

## #77\_WLAN5GHz\_802.11a 6Mbps\_Edge 1\_0cm\_Ch104;Ant 1

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5520 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130730 Medium parameters used:  $f = 5520$  MHz;  $\sigma = 5.768$  mho/m;  $\epsilon_r = 46.916$ ;  $\rho =$

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

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.86, 3.86, 3.86); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch104/Area Scan (41x101x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 1.24 mW/g

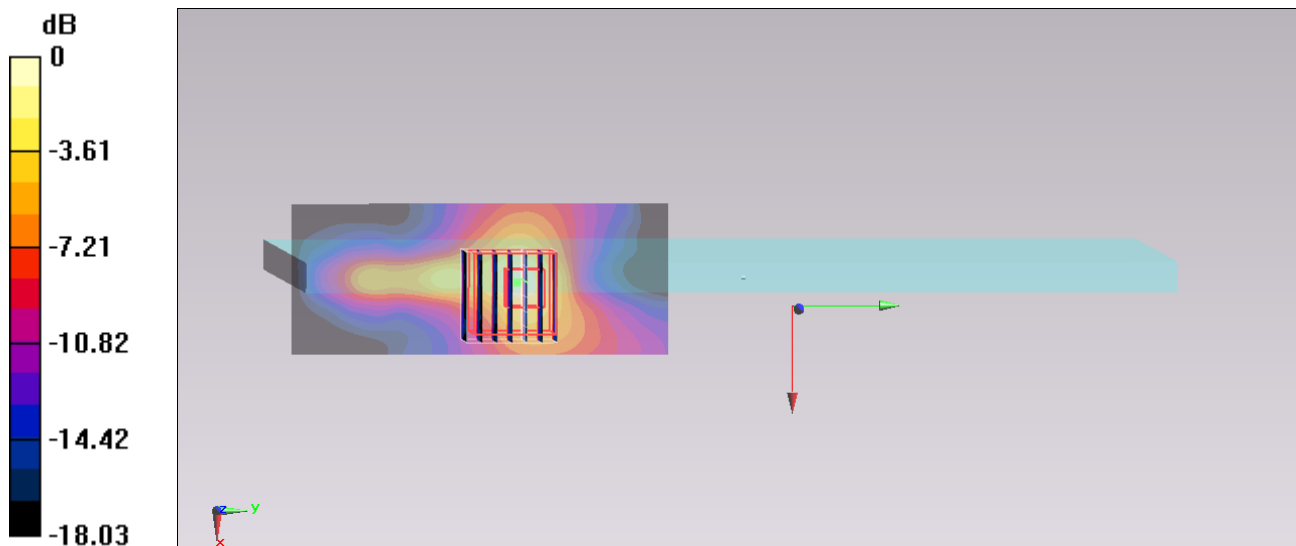
**Configuration/Ch104/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm,  
 dz=1.4mm

Reference Value = 17.049 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.542 mW/g

**SAR(1 g) = 0.541 mW/g; SAR(10 g) = 0.186 mW/g**

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



0 dB = 1.35 mW/g = 2.61 dB mW/g

## #78\_WLAN5GHz\_802.11a 6Mbps\_Edge 1\_0cm\_Ch136;Ant 1

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5680 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130730 Medium parameters used:  $f = 5680$  MHz;  $\sigma = 6.026$  mho/m;  $\epsilon_r = 46.588$ ;  $\rho =$

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

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch136/Area Scan (41x101x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 1.05 mW/g

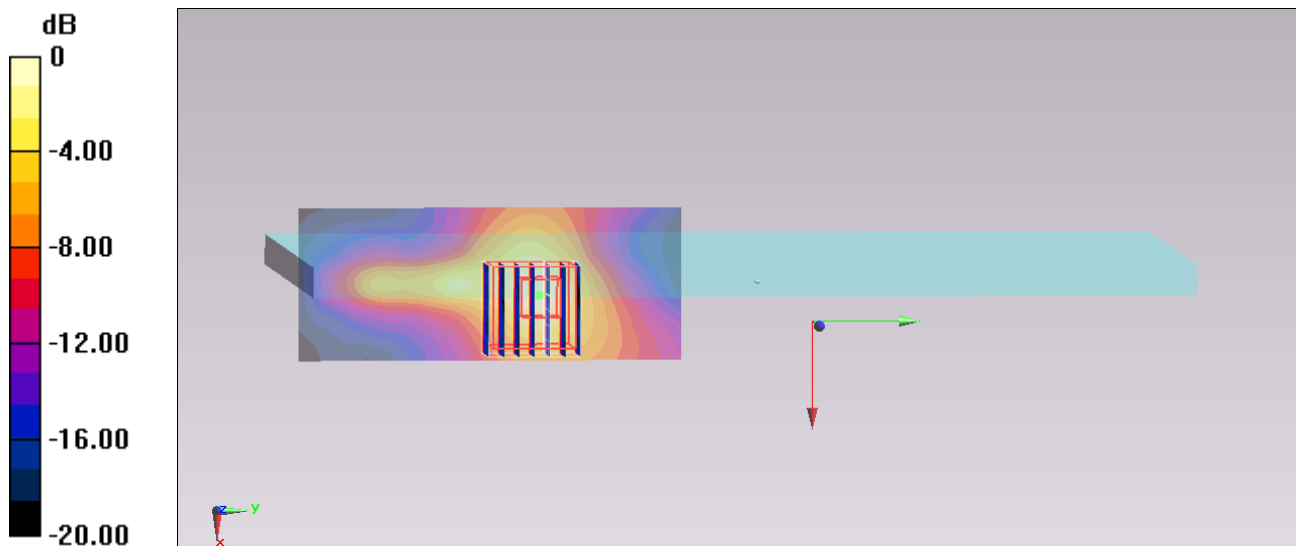
**Configuration/Ch136/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm,  
 dz=1.4mm

Reference Value = 15.602 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.380 mW/g

**SAR(1 g) = 0.467 mW/g; SAR(10 g) = 0.174 mW/g**

Maximum value of SAR (measured) = 1.21 mW/g



0 dB = 1.21 mW/g = 1.66 dB mW/g

### #38\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face\_0cm\_Ch161;Ant 1

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130726 Medium parameters used :  $f = 5805$  MHz;  $\sigma = 5.993$  mho/m;  $\epsilon_r = 46.503$ ;  $\rho =$

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

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4, 4, 4); Calibrated: 2013/6/12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch161/Area Scan (61x91x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 2.21 mW/g

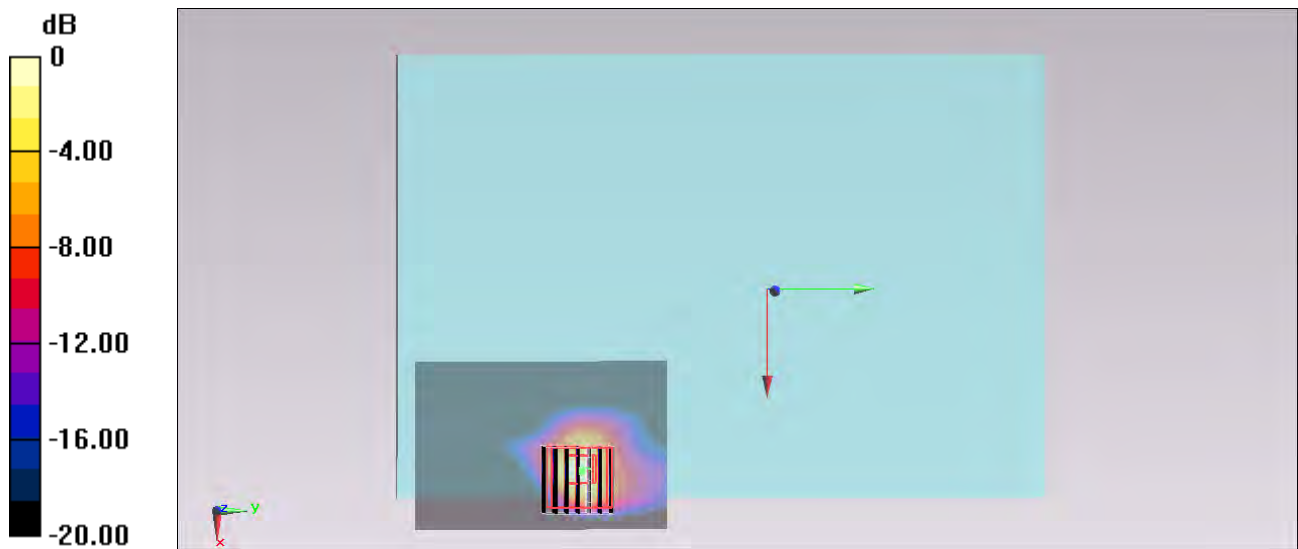
**Configuration/Ch161/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 21.392 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 3.559 mW/g

**SAR(1 g) = 0.706 mW/g; SAR(10 g) = 0.162 mW/g**

Maximum value of SAR (measured) = 1.97 mW/g



0 dB = 1.97 mW/g = 5.89 dB mW/g

**#121\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face\_0cm\_Ch157;Ant 1**

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130726 Medium parameters used :  $f = 5785$  MHz;  $\sigma = 5.968$  mho/m;  $\epsilon_r = 46.579$ ;  $\rho =$

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

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:0

- Probe: EX3DV4 - SN3925; ConvF(4, 4, 4); Calibrated: 2013/6/12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch157/Area Scan (61x91x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 2.19 mW/g

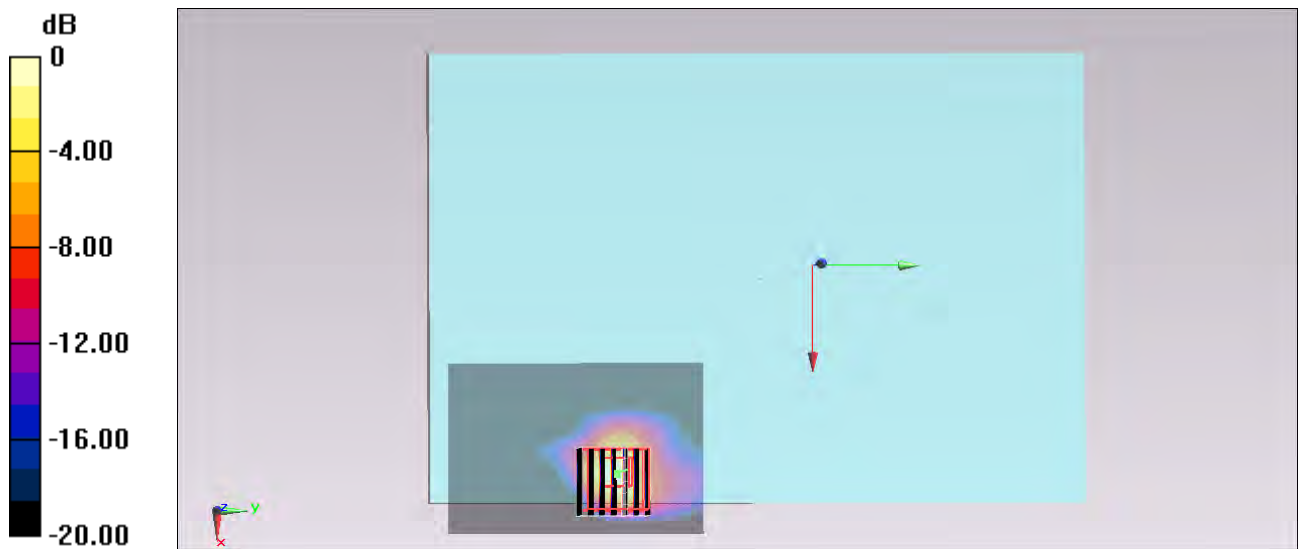
**Configuration/Ch157/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm,  
 dz=1.4mm

Reference Value = 21.322 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 3.521 mW/g

**SAR(1 g) = 0.699 mW/g; SAR(10 g) = 0.160 mW/g**

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



0 dB = 1.95 mW/g = 5.80 dB mW/g

## #110\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face\_0cm\_Ch153;Ant 1

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5765 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130802 Medium parameters used:  $f = 5765$  MHz;  $\sigma = 6.073$  S/m;  $\epsilon_r = 46.93$ ;  $\rho =$

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

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch153/Area Scan (61x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 1.53 W/kg

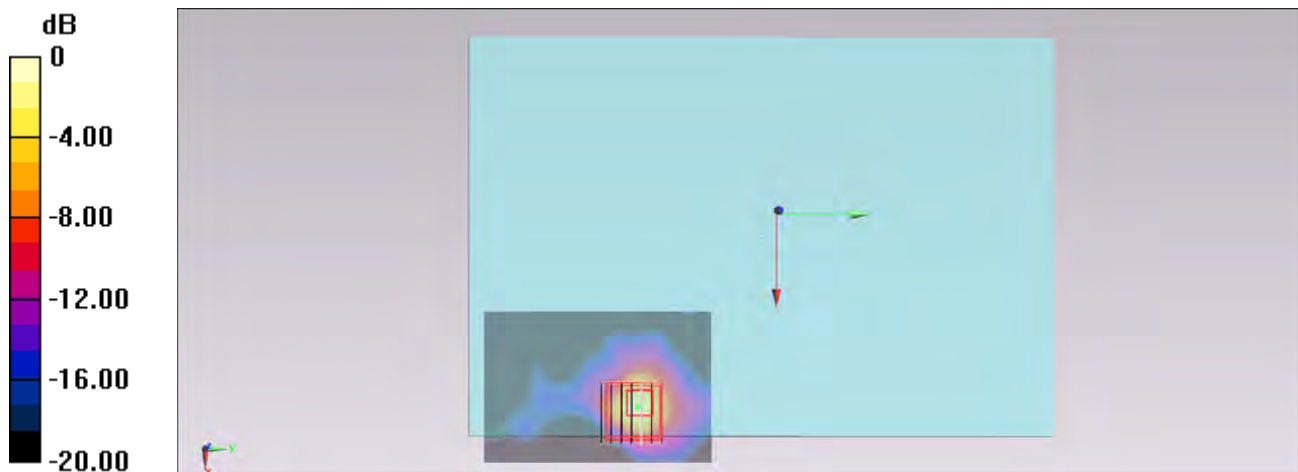
**Configuration/Ch153/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 20.317 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 9.08 W/kg

**SAR(1 g) = 0.691 W/kg; SAR(10 g) = 0.151 W/kg**

Maximum value of SAR (measured) = 2.04 W/kg



0 dB = 2.04 W/kg = 3.10 dBW/kg



### #39\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face - Slant of Ant 1\_0cm\_Ch161;Ant 1

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130726 Medium parameters used :  $f = 5805$  MHz;  $\sigma = 5.993$  mho/m;  $\epsilon_r = 46.503$ ;  $\rho =$

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

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4, 4, 4); Calibrated: 2013/6/12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch161/Area Scan (71x81x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.20 mW/g

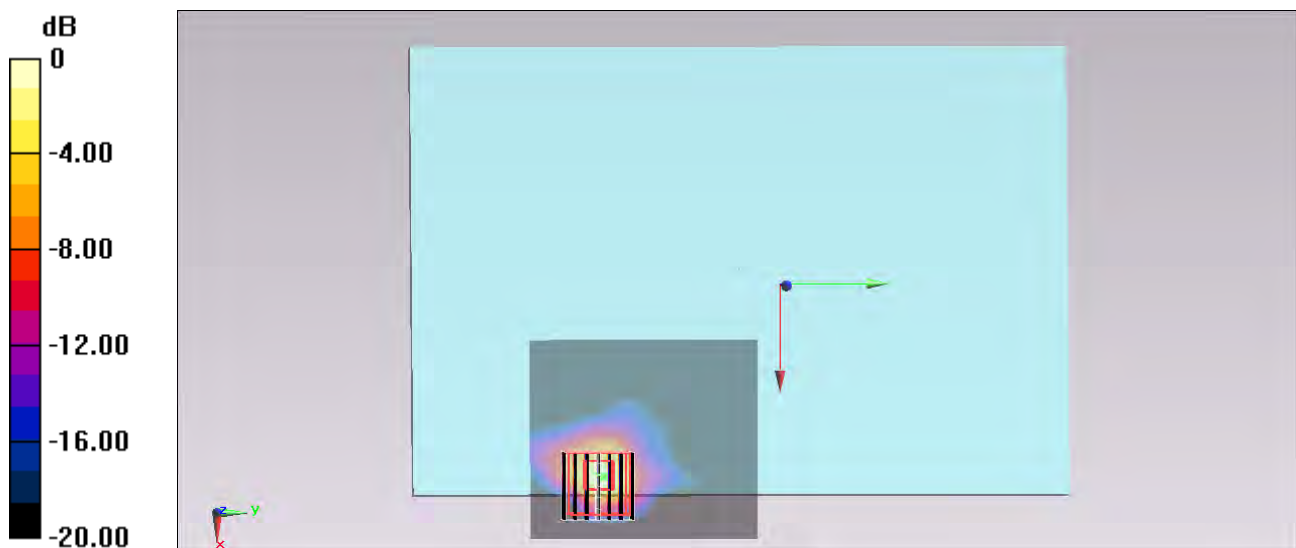
**Configuration/Ch161/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 22.703 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 4.318 mW/g

**SAR(1 g) = 0.834 mW/g; SAR(10 g) = 0.183 mW/g**

Maximum value of SAR (measured) = 2.46 mW/g



0 dB = 2.46 mW/g = 7.82 dB mW/g

**#40\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face - Slant of Ant 1\_0cm\_Ch153;Ant 1**

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5765 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130727 Medium parameters used :  $f = 5765$  MHz;  $\sigma = 5.926$  mho/m;  $\epsilon_r = 46.62$ ;  $\rho =$

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

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.92, 3.92, 3.92); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch153/Area Scan (71x81x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 2.12 mW/g

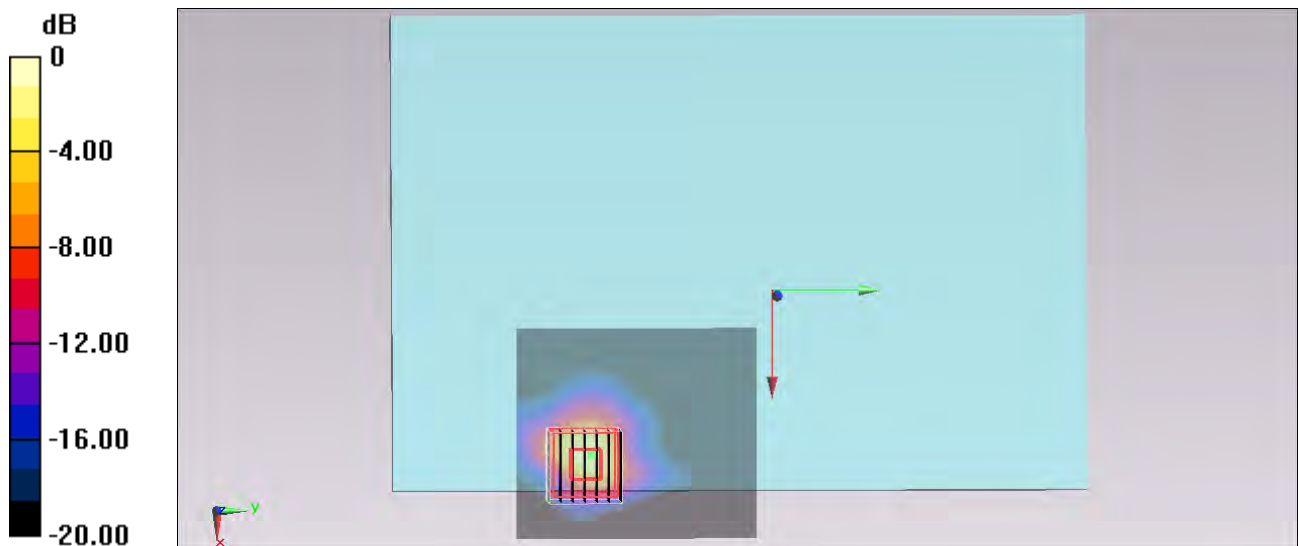
**Configuration/Ch153/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 22.208 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 4.968 mW/g

**SAR(1 g) = 0.947 mW/g; SAR(10 g) = 0.223 mW/g**

Maximum value of SAR (measured) = 2.73 mW/g



0 dB = 2.73 mW/g = 8.72 dB mW/g

**#41\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face - Slant of Ant 1\_0cm\_Ch157;Ant 1**

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130727 Medium parameters used :  $f = 5785$  MHz;  $\sigma = 5.943$  mho/m;  $\epsilon_r = 46.536$ ;  $\rho =$

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

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.92, 3.92, 3.92); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch157/Area Scan (71x81x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.07 mW/g

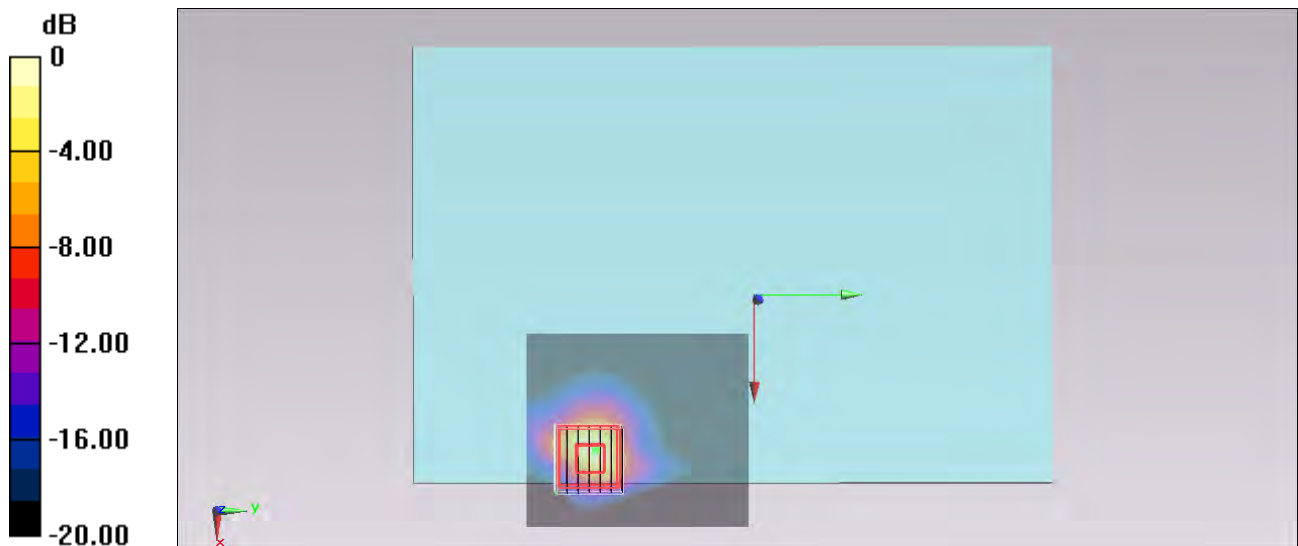
**Configuration/Ch157/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 21.919 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 4.802 mW/g

**SAR(1 g) = 0.916 mW/g; SAR(10 g) = 0.217 mW/g**

Maximum value of SAR (measured) = 2.63 mW/g



0 dB = 2.63 mW/g = 8.40 dB mW/g

## #81\_WLAN5GHz\_802.11a 6Mbps\_Edge 1\_0cm\_Ch161;Ant 1

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130730 Medium parameters used:  $f = 5805$  MHz;  $\sigma = 6.25$  mho/m;  $\epsilon_r = 46.374$ ;  $\rho =$

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

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.92, 3.92, 3.92); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch161/Area Scan (41x101x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 0.810 mW/g

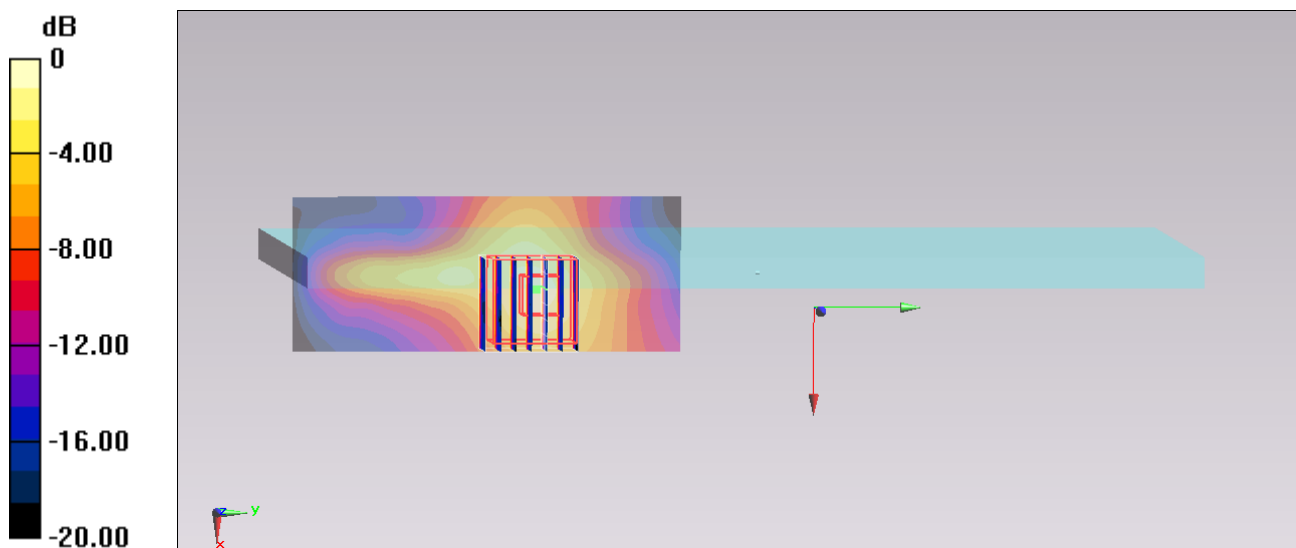
**Configuration/Ch161/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm,  
 dz=1.4mm

Reference Value = 14.115 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.839 mW/g

**SAR(1 g) = 0.386 mW/g; SAR(10 g) = 0.154 mW/g**

Maximum value of SAR (measured) = 0.966 mW/g



0 dB = 0.966 mW/g = -0.30 dB mW/g

## #107\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face\_0cm\_Ch40;Ant 2

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5200 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130802 Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.346$  S/m;  $\epsilon_r = 47.813$ ;  $\rho =$

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

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch40/Area Scan (91x61x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 1.59 W/kg

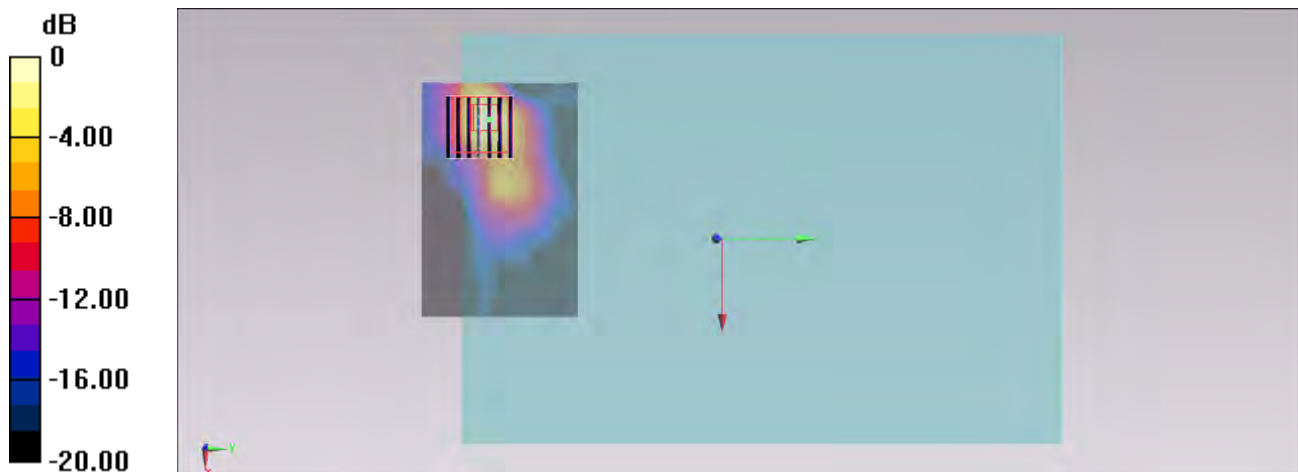
**Configuration/Ch40/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 19.957 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.79 W/kg

**SAR(1 g) = 0.684 W/kg; SAR(10 g) = 0.178 W/kg**

Maximum value of SAR (measured) = 1.69 W/kg



0 dB = 1.69 W/kg = 2.28 dBW/kg

**#56\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face - Slant of Ant 2\_0cm\_Ch44;Ant 2**

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5220 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130727 Medium parameters used :  $f = 5220$  MHz;  $\sigma = 5.127$  mho/m;  $\epsilon_r = 47.381$ ;  $\rho =$

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

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.27, 4.27, 4.27); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch44/Area Scan (91x61x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 3.47 mW/g

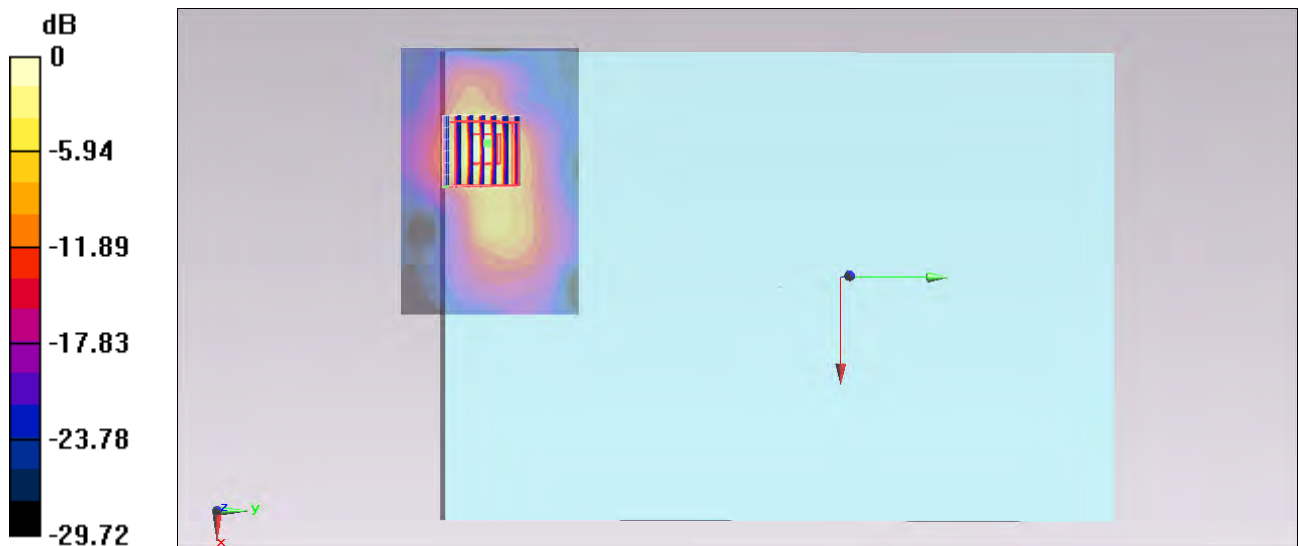
**Configuration/Ch44/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 22.748 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 5.483 mW/g

**SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.310 mW/g**

Maximum value of SAR (measured) = 3.05 mW/g



0 dB = 3.05 mW/g = 9.69 dB mW/g

## #123\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face - Slant of Ant 2\_0cm\_Ch44;Ant 2\_Repeat

DUT: 332727-04

Communication System: 802.11a; Frequency: 5220 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130919 Medium parameters used:  $f = 5220$  MHz;  $\sigma = 5.408$  S/m;  $\epsilon_r = 48.524$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(4.24, 4.24, 4.24); Calibrated: 2013/6/20;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch44/Area Scan 2 (91x61x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 2.93 W/kg

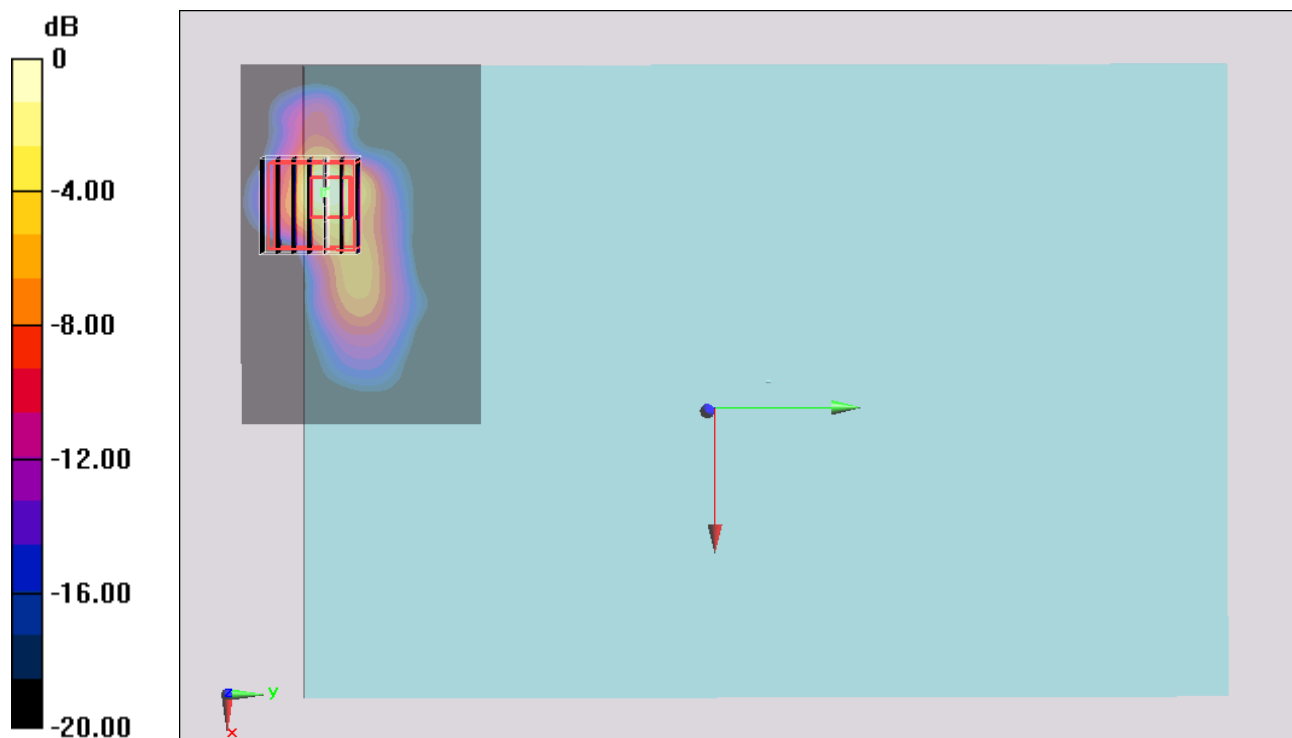
**Configuration/Ch44/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 25.202 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 4.95 W/kg

**SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.248 W/kg**

Maximum value of SAR (measured) = 2.83 W/kg



0 dB = 2.83 W/kg = 4.52 dBW/kg

**#68\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face - Slant of Ant 2\_0cm\_Ch40;Ant 2**

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5200 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130727 Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.114$  mho/m;  $\epsilon_r = 47.437$ ;  $\rho =$

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

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.27, 4.27, 4.27); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch40/Area Scan (91x61x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.75 mW/g

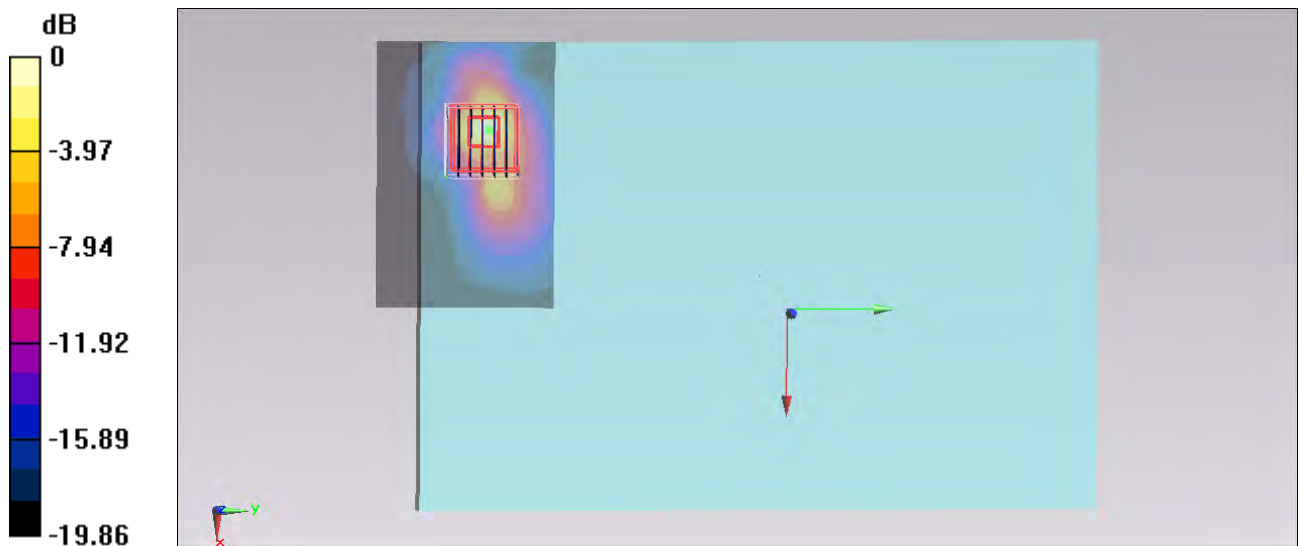
**Configuration/Ch40/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 24.173 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 5.390 mW/g

**SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.320 mW/g**

Maximum value of SAR (measured) = 3.02 mW/g



0 dB = 3.02 mW/g = 9.60 dB mW/g



## #57\_WLAN5GHz\_802.11a 6Mbps\_Edge 4\_0cm\_Ch44;Ant 2

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5220 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130730 Medium parameters used:  $f = 5220$  MHz;  $\sigma = 5.351$  mho/m;  $\epsilon_r = 47.426$ ;  $\rho =$

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

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.27, 4.27, 4.27); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch44/Area Scan (41x81x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.99 mW/g

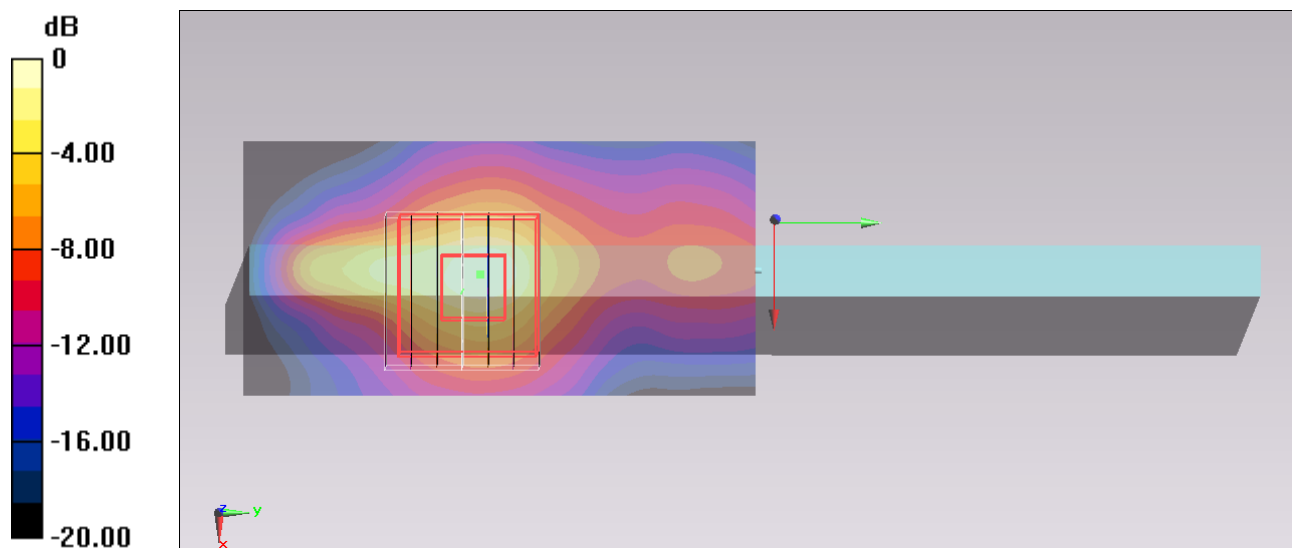
**Configuration/Ch44/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 21.054 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 3.622 mW/g

**SAR(1 g) = 0.804 mW/g; SAR(10 g) = 0.228 mW/g**

Maximum value of SAR (measured) = 2.01 mW/g



0 dB = 2.01 mW/g = 6.06 dB mW/g

## #87\_WLAN5GHz\_802.11a 6Mbps\_Edge 4\_0cm\_Ch40;Ant 2

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5200 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130730 Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.336$  mho/m;  $\epsilon_r = 47.488$ ;  $\rho =$

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

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.27, 4.27, 4.27); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch40/Area Scan (41x81x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.05 mW/g

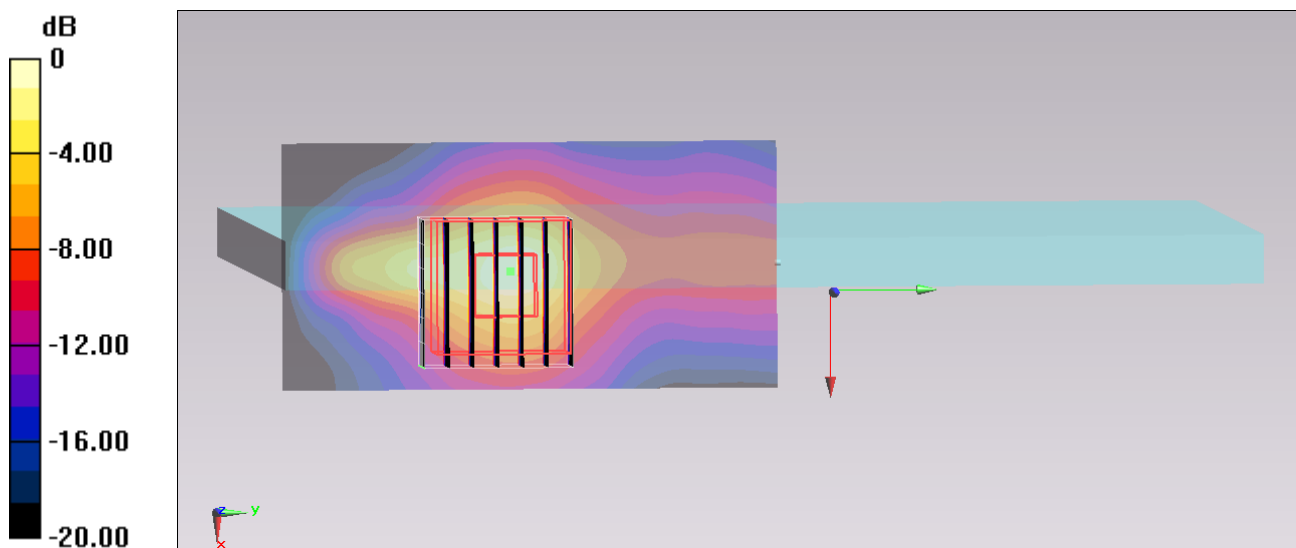
**Configuration/Ch40/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 21.291 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 3.661 mW/g

**SAR(1 g) = 0.831 mW/g; SAR(10 g) = 0.233 mW/g**

Maximum value of SAR (measured) = 2.06 mW/g



0 dB = 2.06 mW/g = 6.28 dB mW/g

**#59\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face\_0cm\_Ch56;Ant 2**

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5280 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130730 Medium parameters used:  $f = 5280$  MHz;  $\sigma = 5.437$  mho/m;  $\epsilon_r = 47.267$ ;  $\rho =$

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

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.12, 4.12, 4.12); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch56/Area Scan (91x61x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.67 mW/g

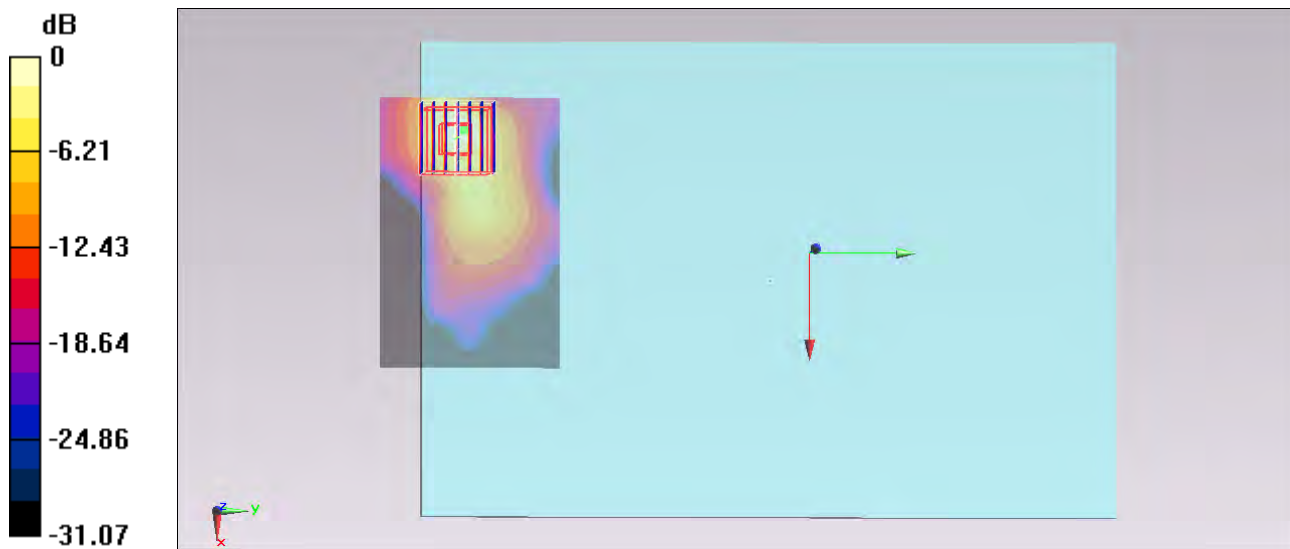
**Configuration/Ch56/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 19.951 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 2.796 mW/g

**SAR(1 g) = 0.671 mW/g; SAR(10 g) = 0.182 mW/g**

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



0 dB = 1.72 mW/g = 4.71 dB mW/g

**#60\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face - Slant of Ant 2\_0cm\_Ch56;Ant 2**

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5280 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130727 Medium parameters used :  $f = 5280$  MHz;  $\sigma = 5.206$  mho/m;  $\epsilon_r = 47.238$ ;  $\rho =$

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

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.12, 4.12, 4.12); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch56/Area Scan (91x61x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 3.68 mW/g

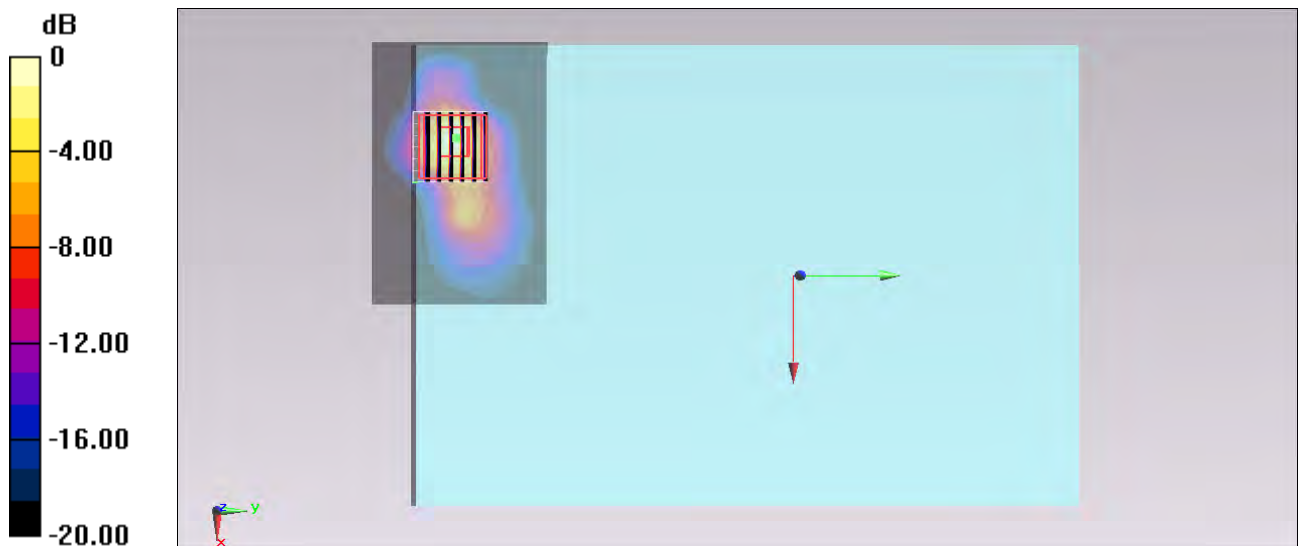
**Configuration/Ch56/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 22.922 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 5.708 mW/g

**SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.323 mW/g**

Maximum value of SAR (measured) = 3.14 mW/g



0 dB = 3.14 mW/g = 9.94 dB mW/g

## #120\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face - Slant of Ant 2\_0cm\_Ch56;Ant 2\_Repeat

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5280 MHz;Duty Cycle: 1:1.015

Medium: MSL\_5G\_130727 Medium parameters used :  $f = 5280$  MHz;  $\sigma = 5.206$  mho/m;  $\epsilon_r = 47.238$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:0

- Probe: EX3DV4 - SN3792; ConvF(4.12, 4.12, 4.12); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch56/Area Scan 2 (91x61x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 3.60 mW/g

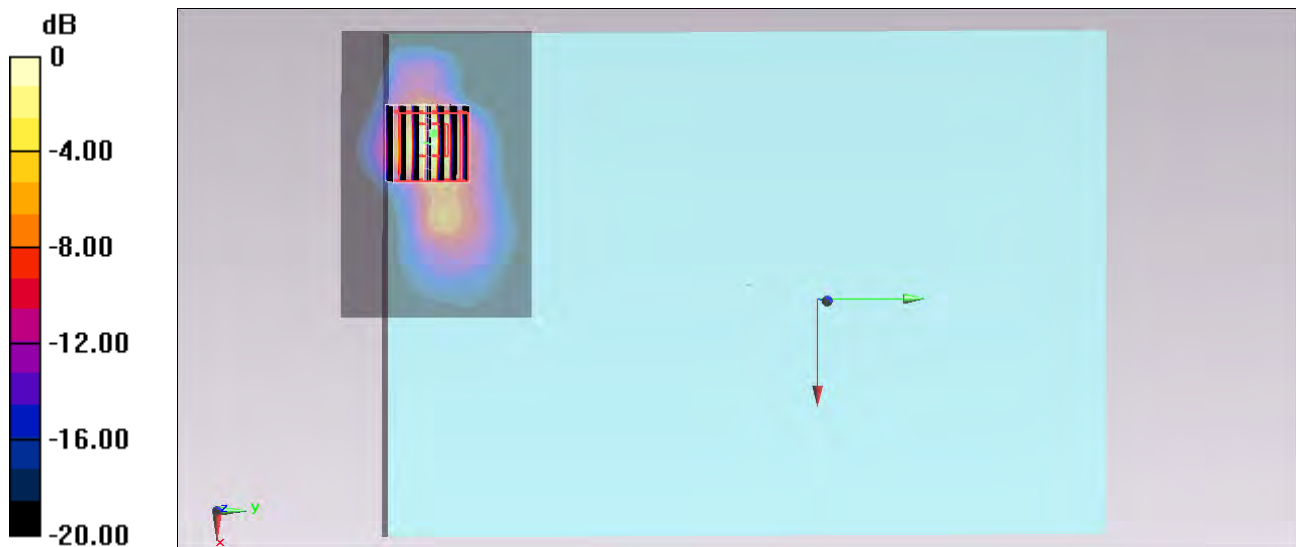
**Configuration/Ch56/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 23.006 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 5.694 mW/g

**SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.315 mW/g**

Maximum value of SAR (measured) = 3.16 mW/g



0 dB = 3.16 mW/g = 9.99 dB mW/g

**#70\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face - Slant of Ant 2\_0cm\_Ch60;Ant 2**

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130727 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.244$  mho/m;  $\epsilon_r = 47.199$ ;  $\rho =$

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

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.12, 4.12, 4.12); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch60/Area Scan (91x61x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 3.19 mW/g

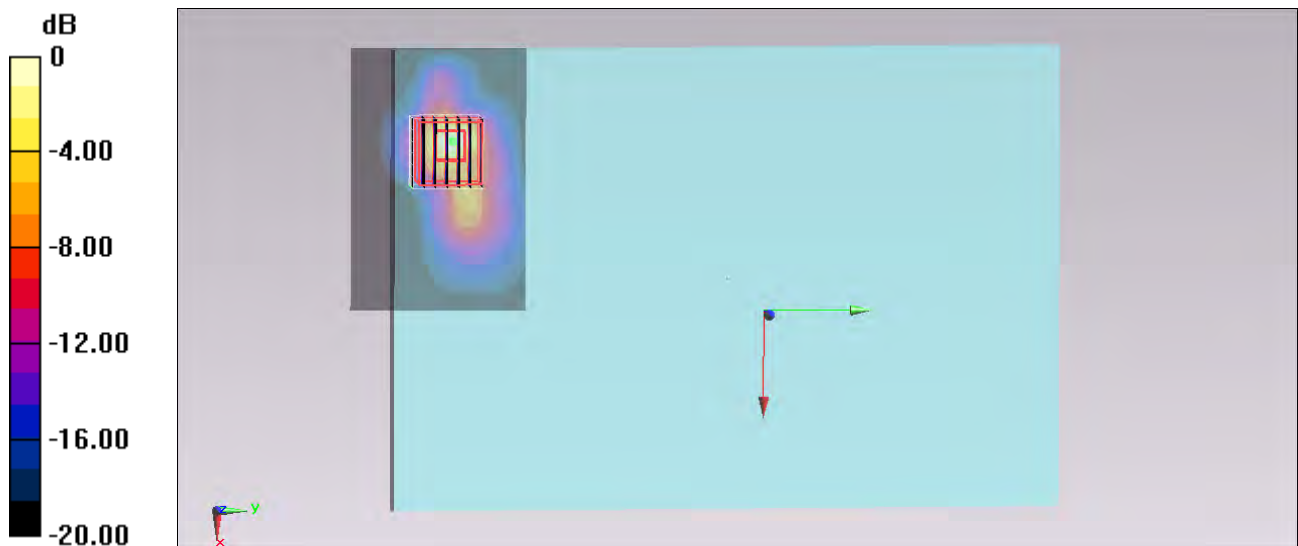
**Configuration/Ch60/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 28.541 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 5.722 mW/g

**SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.324 mW/g**

Maximum value of SAR (measured) = 3.12 mW/g



0 dB = 3.12 mW/g = 9.88 dB mW/g

## #61\_WLAN5GHz\_802.11a 6Mbps\_Edge 4\_0cm\_Ch56;Ant 2

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5280 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130730 Medium parameters used:  $f = 5280$  MHz;  $\sigma = 5.437$  mho/m;  $\epsilon_r = 47.267$ ;  $\rho =$

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

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.12, 4.12, 4.12); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch56/Area Scan (41x81x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.78 mW/g

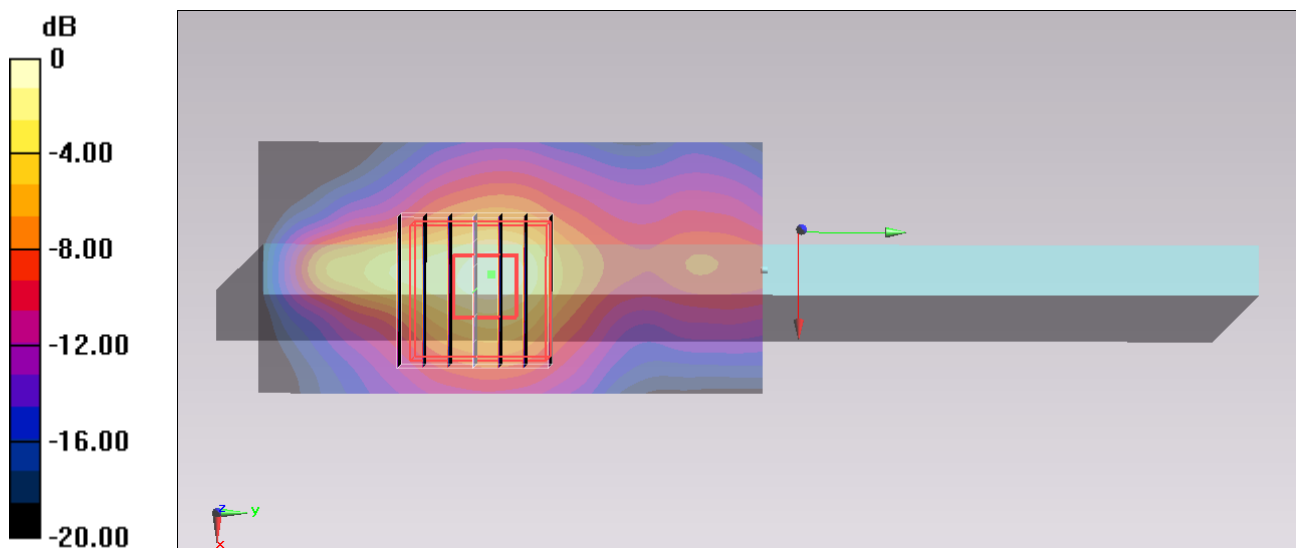
**Configuration/Ch56/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 19.193 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 3.273 mW/g

**SAR(1 g) = 0.721 mW/g; SAR(10 g) = 0.203 mW/g**

Maximum value of SAR (measured) = 1.85 mW/g



0 dB = 1.85 mW/g = 5.34 dB mW/g

## #83\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face\_0cm\_Ch140;Ant 2

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130730 Medium parameters used:  $f = 5700$  MHz;  $\sigma = 6.054$  mho/m;  $\epsilon_r = 46.557$ ;  $\rho =$

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

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch140/Area Scan (91x61x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.04 mW/g

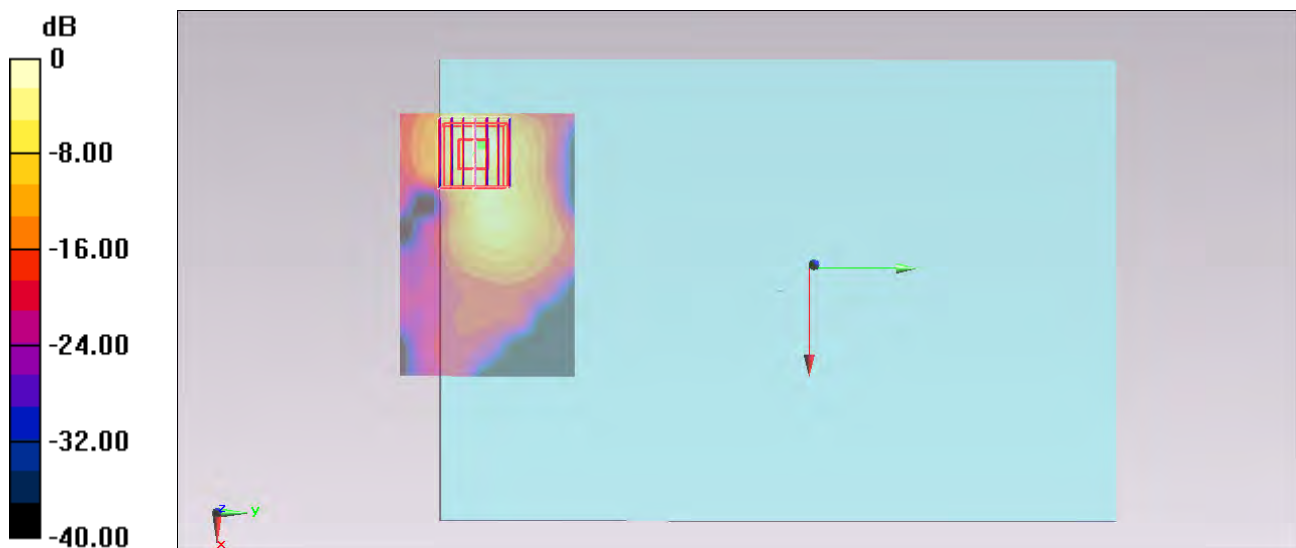
**Configuration/Ch140/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 20.892 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 3.597 mW/g

**SAR(1 g) = 0.811 mW/g; SAR(10 g) = 0.215 mW/g**

Maximum value of SAR (measured) = 2.16 mW/g



0 dB = 2.16 mW/g = 6.69 dB mW/g



## #48\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face\_0cm\_Ch104;Ant 2

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5520 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130727 Medium parameters used :  $f = 5520$  MHz;  $\sigma = 5.517$  mho/m;  $\epsilon_r = 46.943$ ;  $\rho =$

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

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.86, 3.86, 3.86); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch104/Area Scan (91x61x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 1.91 mW/g

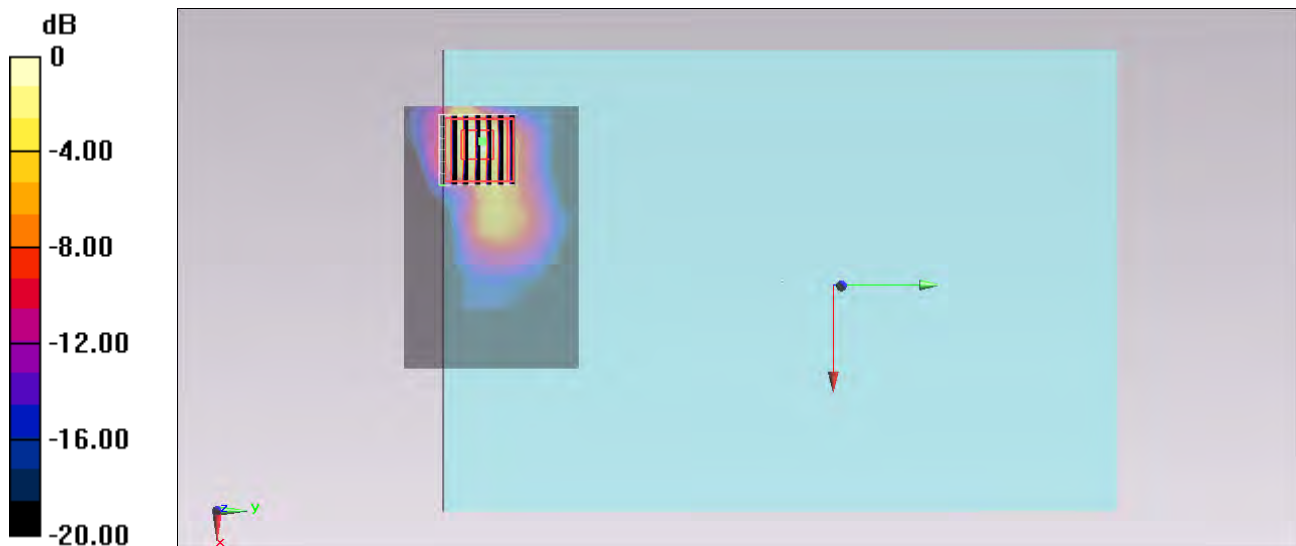
**Configuration/Ch104/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm,  
 dz=1.4mm

Reference Value = 20.802 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.276 mW/g

**SAR(1 g) = 0.741 mW/g; SAR(10 g) = 0.198 mW/g**

Maximum value of SAR (measured) = 1.88 mW/g



0 dB = 1.88 mW/g = 5.48 dB mW/g

## #84\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face\_0cm\_Ch116;Ant 2

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130730 Medium parameters used:  $f = 5580$  MHz;  $\sigma = 5.856$  mho/m;  $\epsilon_r = 46.769$ ;  $\rho =$

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

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch116/Area Scan (91x61x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 1.82 mW/g

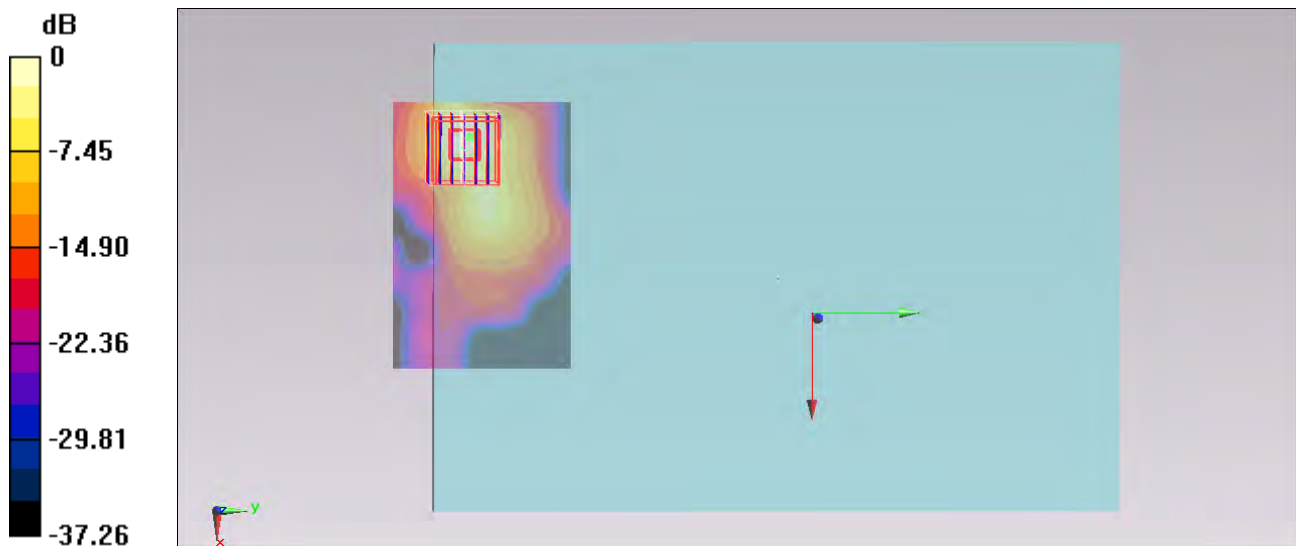
**Configuration/Ch116/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 19.163 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 3.398 mW/g

**SAR(1 g) = 0.727 mW/g; SAR(10 g) = 0.192 mW/g**

Maximum value of SAR (measured) = 1.90 mW/g



0 dB = 1.90 mW/g = 5.58 dB mW/g

**#47\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face - Slant of Ant 2\_0cm\_Ch140;Ant 2**

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130727 Medium parameters used:  $f = 5700$  MHz;  $\sigma = 5.787$  mho/m;  $\epsilon_r = 46.639$ ;  $\rho =$

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

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch140/Area Scan (91x61x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 3.59 mW/g

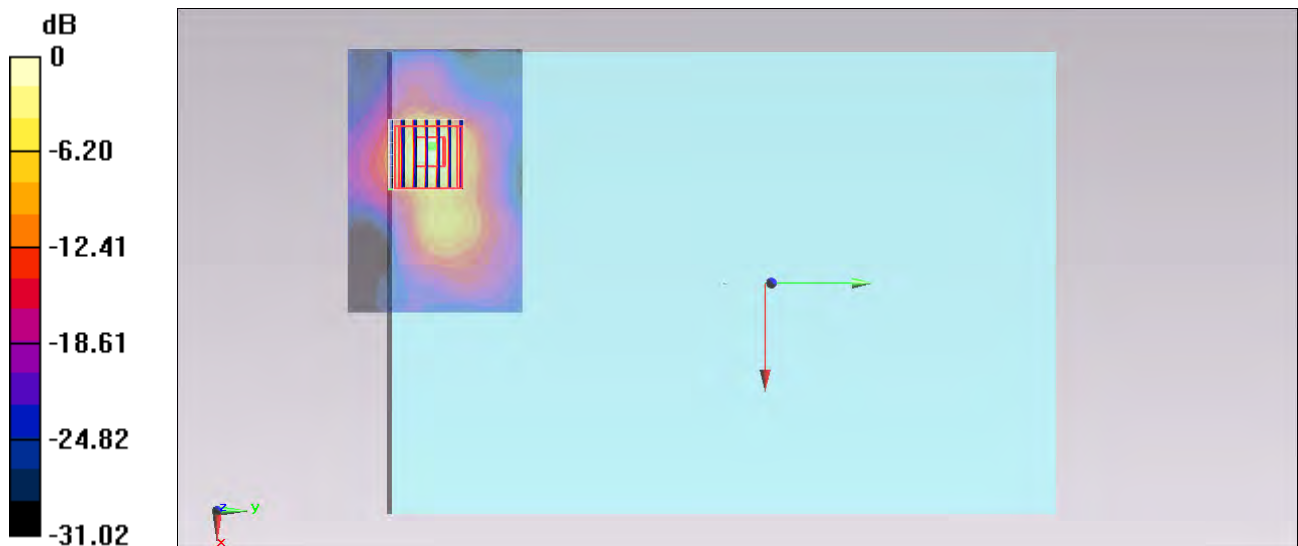
**Configuration/Ch140/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 21.259 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 5.772 mW/g

**SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.295 mW/g**

Maximum value of SAR (measured) = 3.23 mW/g



0 dB = 3.23 mW/g = 10.18 dB mW/g

### #43\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face - Slant of Ant 2\_0cm\_Ch104

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5520 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130726 Medium parameters used :  $f = 5520$  MHz;  $\sigma = 5.537$  mho/m;  $\epsilon_r = 46.993$ ;  $\rho =$

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

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(3.98, 3.98, 3.98); Calibrated: 2013/6/12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch104/Area Scan (91x61x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 3.70 mW/g

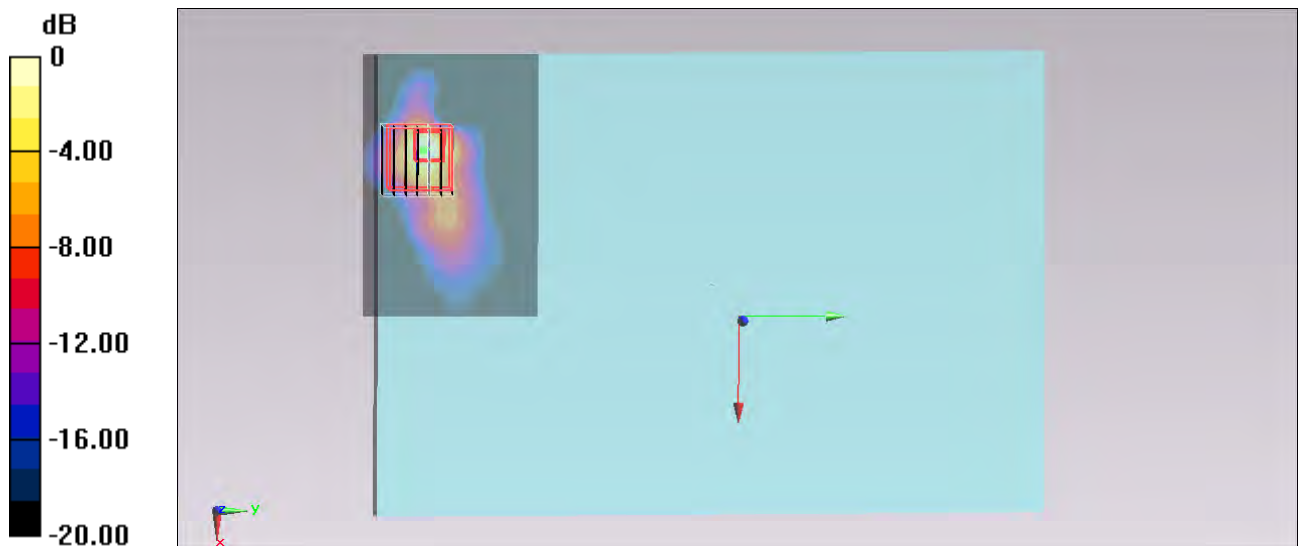
**Configuration/Ch104/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 26.947 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 6.065 mW/g

**SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.259 mW/g**

Maximum value of SAR (measured) = 3.40 mW/g



0 dB = 3.40 mW/g = 10.63 dB mW/g

**#46\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face - Slant of Ant 2\_0cm\_Ch116;Ant 2**

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5580 MHz;Duty Cycle: 1:1.015

Medium: MSL\_5G\_130727 Medium parameters used :  $f = 5580$  MHz;  $\sigma = 5.598$  mho/m;  $\epsilon_r = 46.812$ ;  $\rho =$

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

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch116/Area Scan 2 (91x61x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 3.67 mW/g

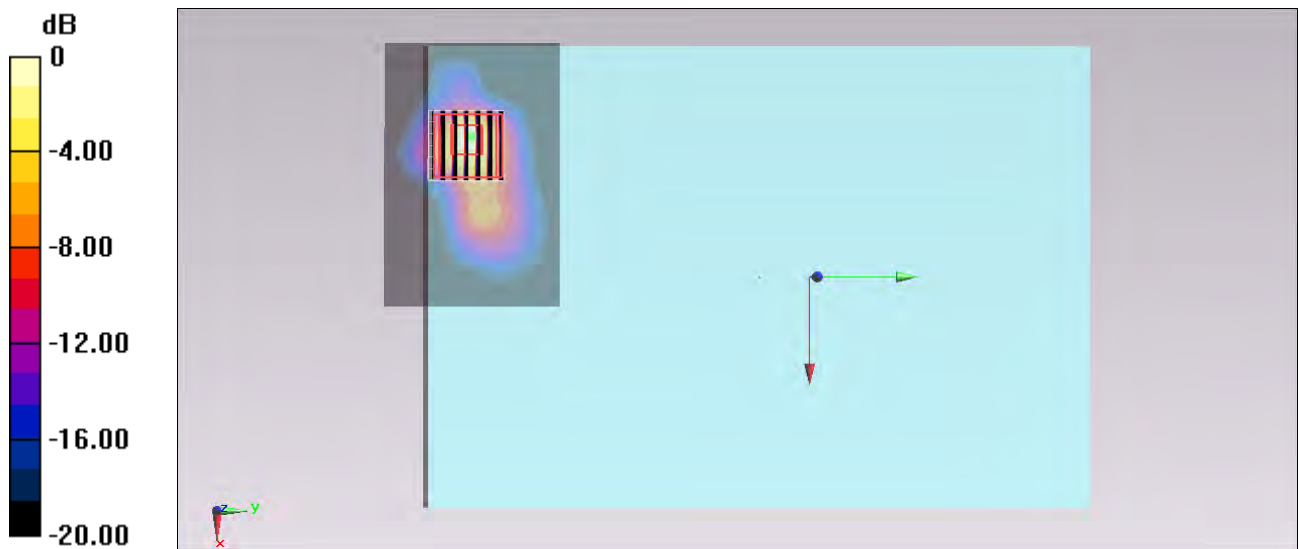
**Configuration/Ch116/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 22.272 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 5.687 mW/g

**SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.293 mW/g**

Maximum value of SAR (measured) = 3.12 mW/g



0 dB = 3.12 mW/g = 9.88 dB mW/g

**#124\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face - Slant of Ant 2\_0cm\_Ch116;Ant 2\_Repeat**  
"  
**FWW<554949/26"**

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1.015  
Medium: MSL\_5G\_130919 Medium parameters used:  $f = 5580$  MHz;  $\sigma = 5.874$  S/m;  $\epsilon_r = 47.938$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(4, 4, 4); Calibrated: 2013/6/20;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch116/Area Scan (91x61x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 3.32 W/kg

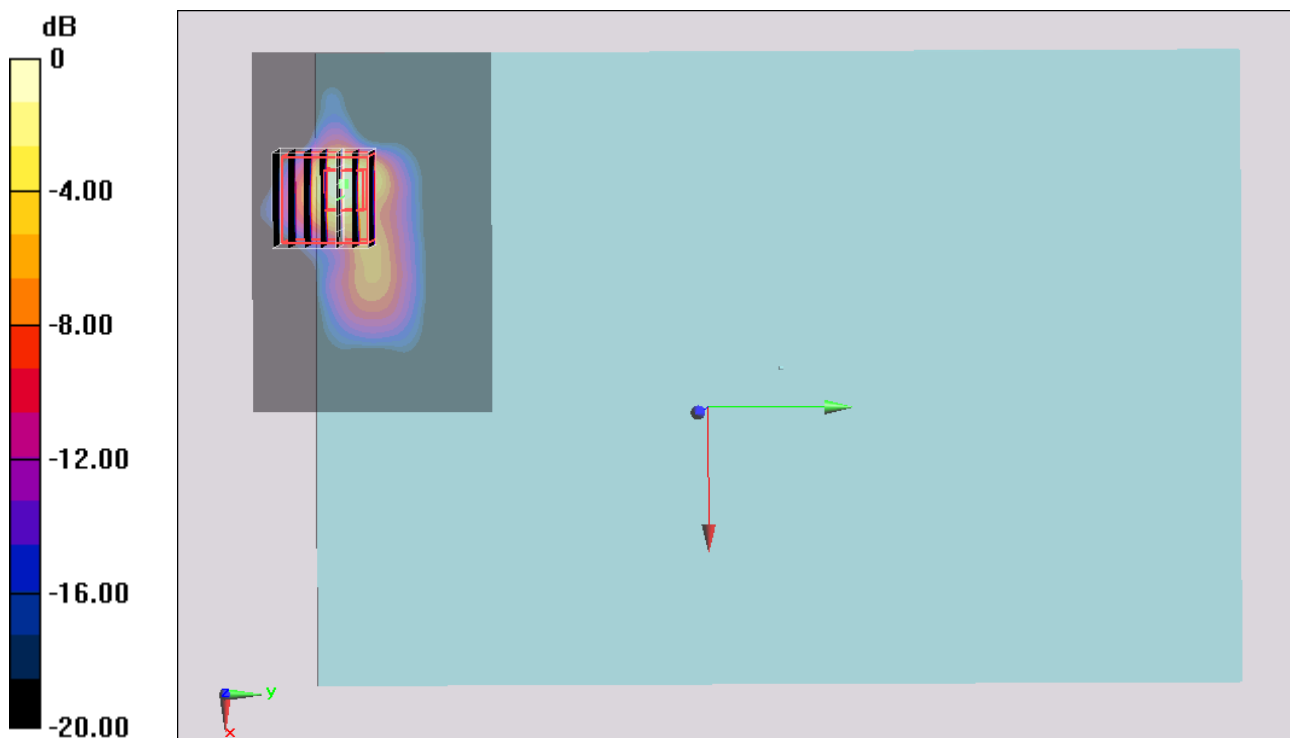
**Configuration/Ch116/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 24.414 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 5.56 W/kg

**SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.229 W/kg**

Maximum value of SAR (measured) = 2.86 W/kg



0 dB = 2.86 W/kg = 4.56 dBW/kg

**#98\_WLAN5GHz\_802.11a 6Mbps\_Edge 4\_0cm\_Ch140;Ant 2**

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130730 Medium parameters used:  $f = 5700$  MHz;  $\sigma = 6.054$  mho/m;  $\epsilon_r = 46.557$ ;  $\rho =$

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

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch140/Area Scan 2 (41x81x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.80 mW/g

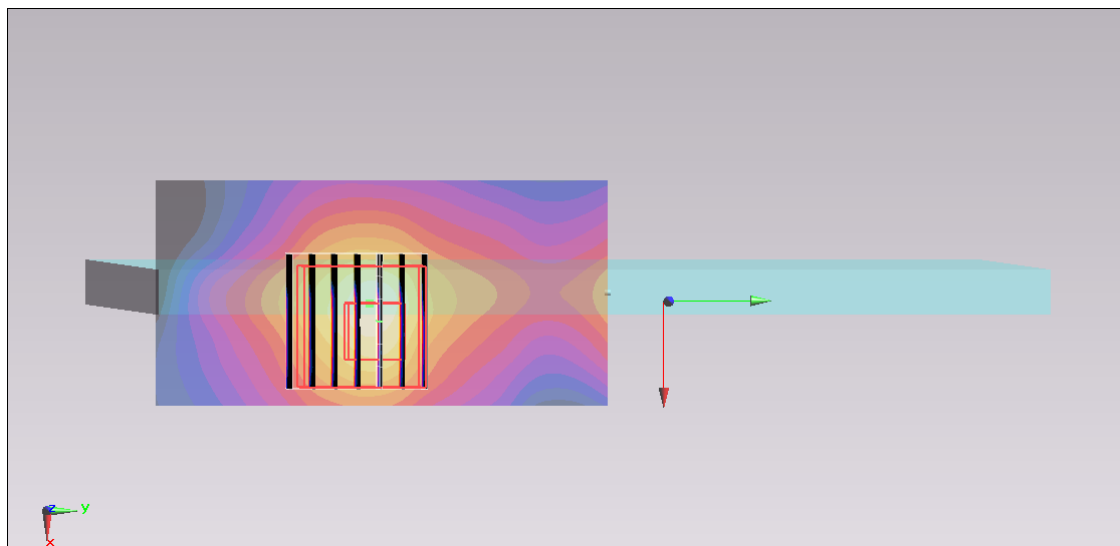
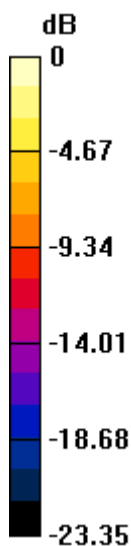
**Configuration/Ch140/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 26.499 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 5.658 mW/g

**SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.243 mW/g**

Maximum value of SAR (measured) = 2.92 mW/g



0 dB = 2.92 mW/g = 9.31 dB mW/g

**#49\_WLAN5GHz\_802.11a 6Mbps\_Edge 4\_0cm\_Ch104;Ant 2**

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5520 MHz;Duty Cycle: 1:1.015

Medium: MSL\_5G\_130727 Medium parameters used :  $f = 5520$  MHz;  $\sigma = 5.517$  mho/m;  $\epsilon_r = 46.943$ ;  $\rho =$

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

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.86, 3.86, 3.86); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch104/Area Scan (41x81x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.29 mW/g

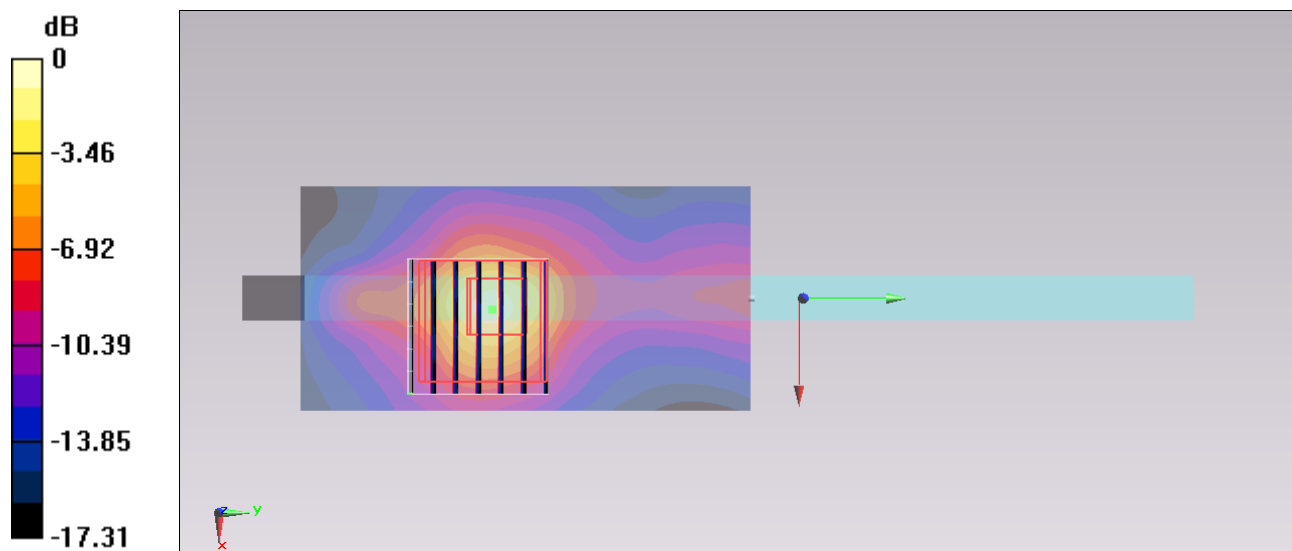
**Configuration/Ch104/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 22.967 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 4.484 mW/g

**SAR(1 g) = 0.933 mW/g; SAR(10 g) = 0.282 mW/g**

Maximum value of SAR (measured) = 2.52 mW/g



0 dB = 2.52 mW/g = 8.03 dB mW/g



## #99\_WLAN5GHz\_802.11a 6Mbps\_Edge 4\_0cm\_Ch116;Ant 2

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130730 Medium parameters used:  $f = 5580$  MHz;  $\sigma = 5.856$  mho/m;  $\epsilon_r = 46.769$ ;  $\rho =$

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

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch116/Area Scan 2 (41x81x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.31 mW/g

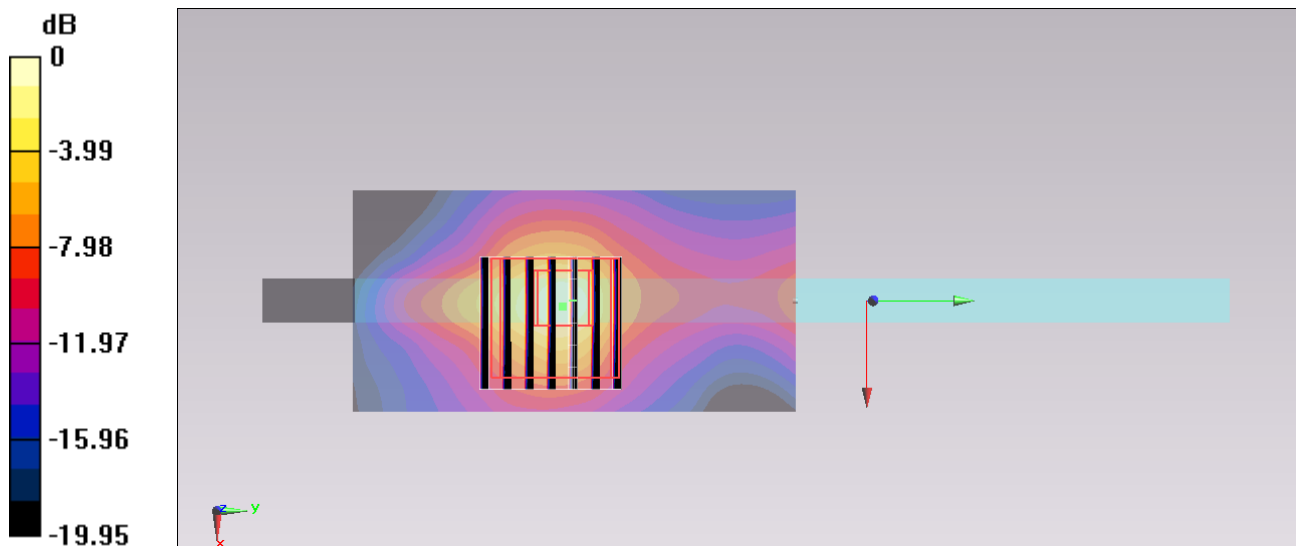
**Configuration/Ch116/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 22.155 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 4.341 mW/g

**SAR(1 g) = 0.864 mW/g; SAR(10 g) = 0.229 mW/g**

Maximum value of SAR (measured) = 2.30 mW/g



0 dB = 2.30 mW/g = 7.23 dB mW/g

### #51\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face\_0cm\_Ch153;Ant 2

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5765 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130730 Medium parameters used:  $f = 5765$  MHz;  $\sigma = 6.212$  mho/m;  $\epsilon_r = 46.539$ ;  $\rho =$

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

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.92, 3.92, 3.92); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch153/Area Scan (91x61x1):** Measurement grid: dx=10mm, dy=10mm

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

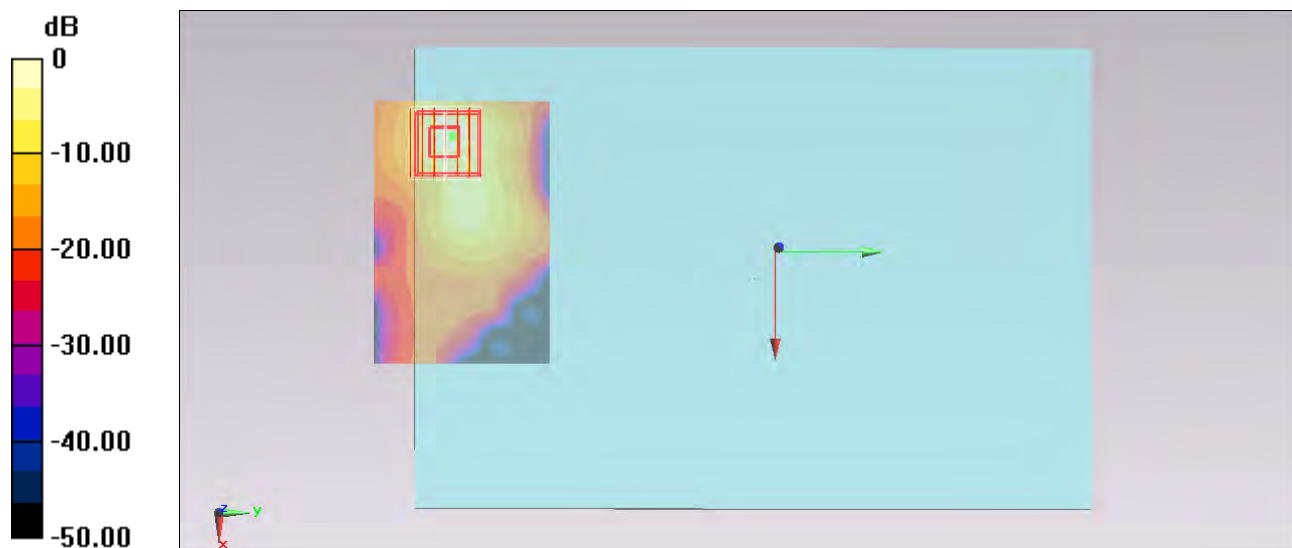
**Configuration/Ch153/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 19.668 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 3.459 mW/g

**SAR(1 g) = 0.747 mW/g; SAR(10 g) = 0.204 mW/g**

Maximum value of SAR (measured) = 2.00 mW/g



0 dB = 2.12 mW/g = 6.53 dB mW/g

## #109\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face\_0cm\_Ch161;Ant 2

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130802 Medium parameters used:  $f = 5805 \text{ MHz}$ ;  $\sigma = 6.131 \text{ S/m}$ ;  $\epsilon_r = 46.852$ ;  $\rho =$

$1000 \text{ kg/m}^3$

Ambient Temperature :  $23.3 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.3 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch161/Area Scan (91x61x1):** Interpolated grid:  $dx=1.000 \text{ mm}$ ,  $dy=1.000 \text{ mm}$   
 Maximum value of SAR (interpolated) =  $1.41 \text{ W/kg}$

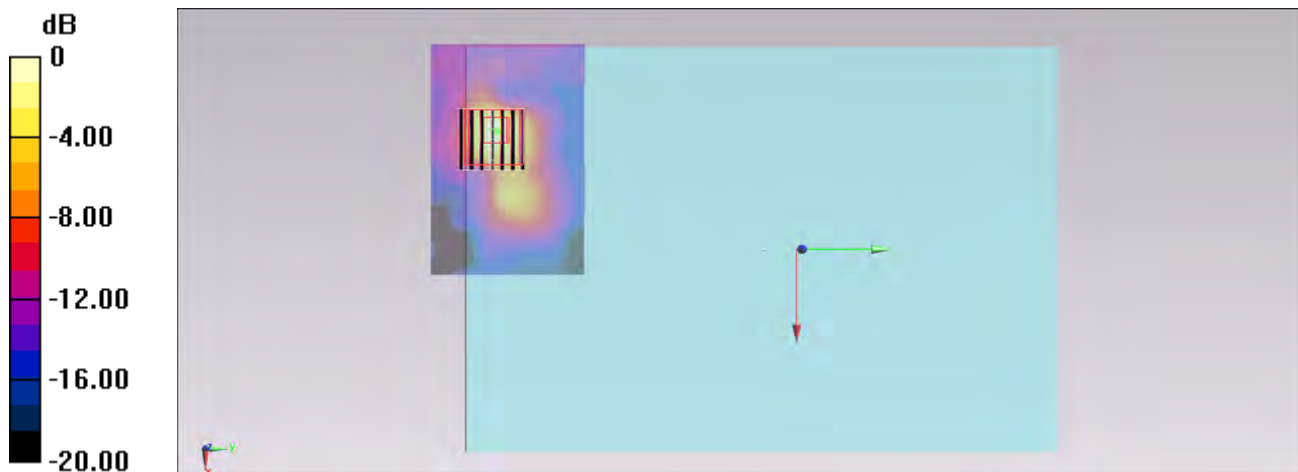
**Configuration/Ch161/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  
 $dz=1.4\text{mm}$

Reference Value =  $19.229 \text{ V/m}$ ; Power Drift =  $-0.14 \text{ dB}$

Peak SAR (extrapolated) =  $3.08 \text{ W/kg}$

**SAR(1 g) =  $0.570 \text{ W/kg}$ ; SAR(10 g) =  $0.134 \text{ W/kg}$**

Maximum value of SAR (measured) =  $1.40 \text{ W/kg}$



$0 \text{ dB} = 1.40 \text{ W/kg} = 1.46 \text{ dBW/kg}$

**#122\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face\_0cm\_Ch157;Ant 2**

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130802 Medium parameters used :  $f = 5785 \text{ MHz}$ ;  $\sigma = 6.103 \text{ mho/m}$ ;  $\epsilon_r = 46.889$ ;  $\rho =$

$1000 \text{ kg/m}^3$

Ambient Temperature :  $23.3 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.3 \text{ }^\circ\text{C}$

DASY5 Configuration:0

- Probe: EX3DV4 - SN3697; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch157/Area Scan (91x61x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) =  $1.39 \text{ mW/g}$

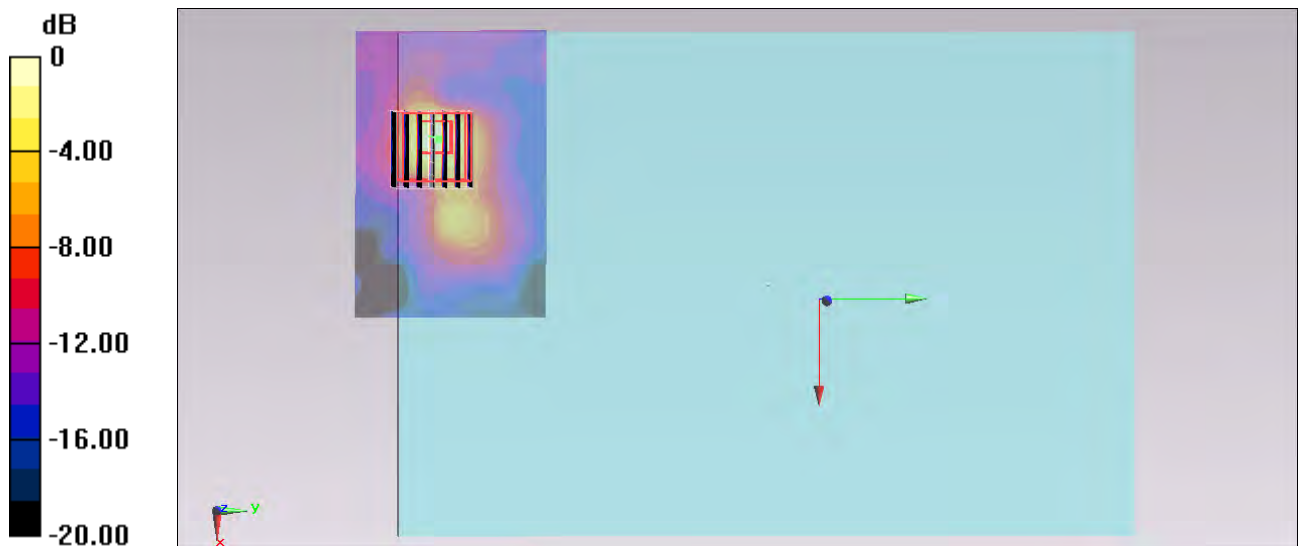
**Configuration/Ch157/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value =  $19.166 \text{ V/m}$ ; Power Drift =  $-0.14 \text{ dB}$

Peak SAR (extrapolated) =  $3.042 \text{ mW/g}$

**SAR(1 g) =  $0.563 \text{ mW/g}$ ; SAR(10 g) =  $0.133 \text{ mW/g}$**

Maximum value of SAR (measured) =  $1.39 \text{ mW/g}$



0 dB =  $1.39 \text{ mW/g} = 2.86 \text{ dB mW/g}$

### #66\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face - Slant of Ant 2\_0cm\_Ch153;Ant 2

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5765 MHz;Duty Cycle: 1:1.015

Medium: MSL\_5G\_130727 Medium parameters used :  $f = 5765$  MHz;  $\sigma = 5.926$  mho/m;  $\epsilon_r = 46.62$ ;  $\rho =$

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

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.92, 3.92, 3.92); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch153/Area Scan (91x61x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.89 mW/g

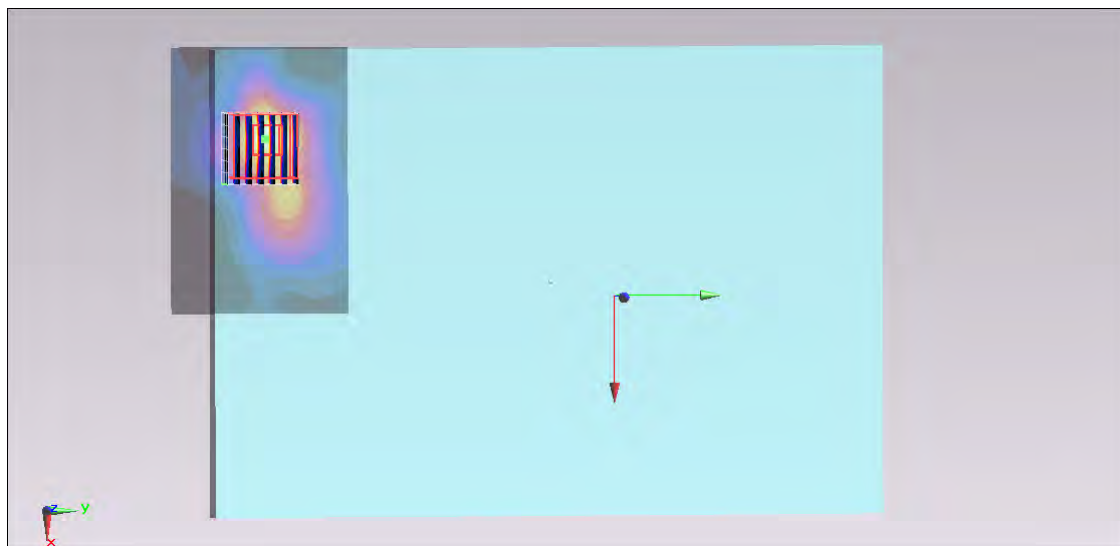
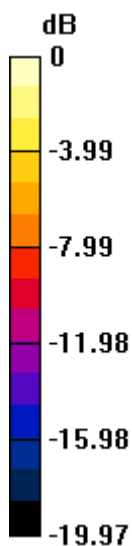
**Configuration/Ch153/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 24.906 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 5.185 mW/g

**SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.298 mW/g**

Maximum value of SAR (measured) = 2.89 mW/g



0 dB = 2.89 mW/g = 9.22 dB mW/g

## #102\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face - Slant of Ant 2\_0cm\_Ch157;Ant 2

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130730 Medium parameters used:  $f = 5785$  MHz;  $\sigma = 6.23$  mho/m;  $\epsilon_r = 46.452$ ;  $\rho =$

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

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.92, 3.92, 3.92); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch157/Area Scan 2 (91x61x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 3.87 mW/g

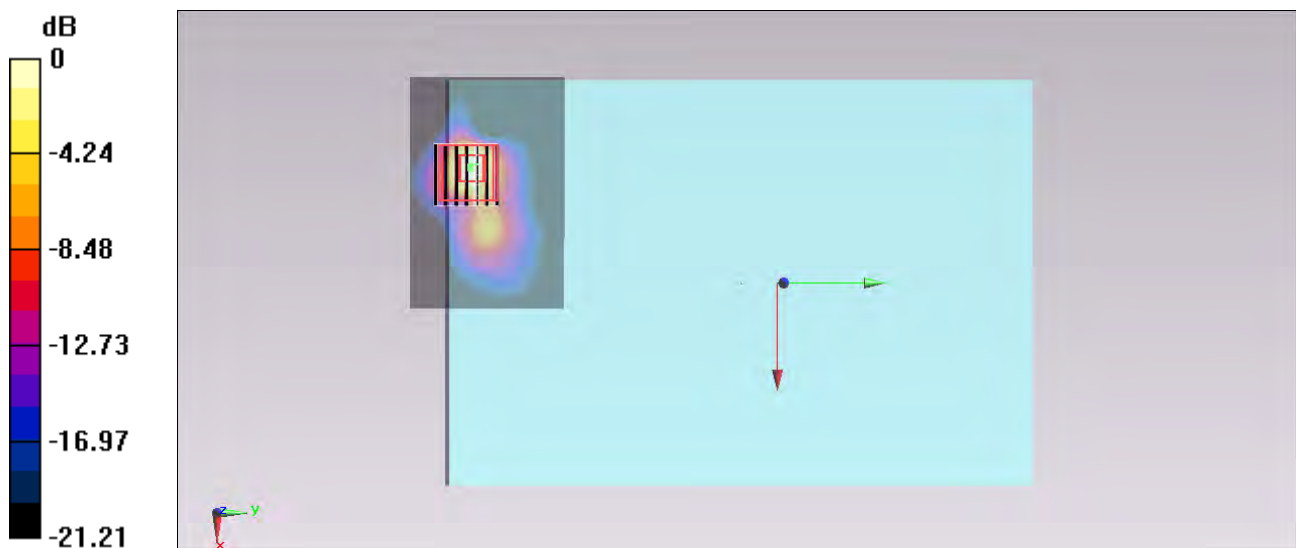
**Configuration/Ch157/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 25.418 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 5.799 mW/g

**SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.278 mW/g**

Maximum value of SAR (measured) = 3.19 mW/g



0 dB = 3.19 mW/g = 10.08 dB mW/g

## #125\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face - Slant of Ant 2\_0cm\_Ch157;Ant 2\_Repeat

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130919 Medium parameters used:  $f = 5785$  MHz;  $\sigma = 6.145$  S/m;  $\epsilon_r = 47.632$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(3.9, 3.9, 3.9); Calibrated: 2013/6/20;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2013/8/21
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch157/Area Scan (91x61x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 3.43 W/kg

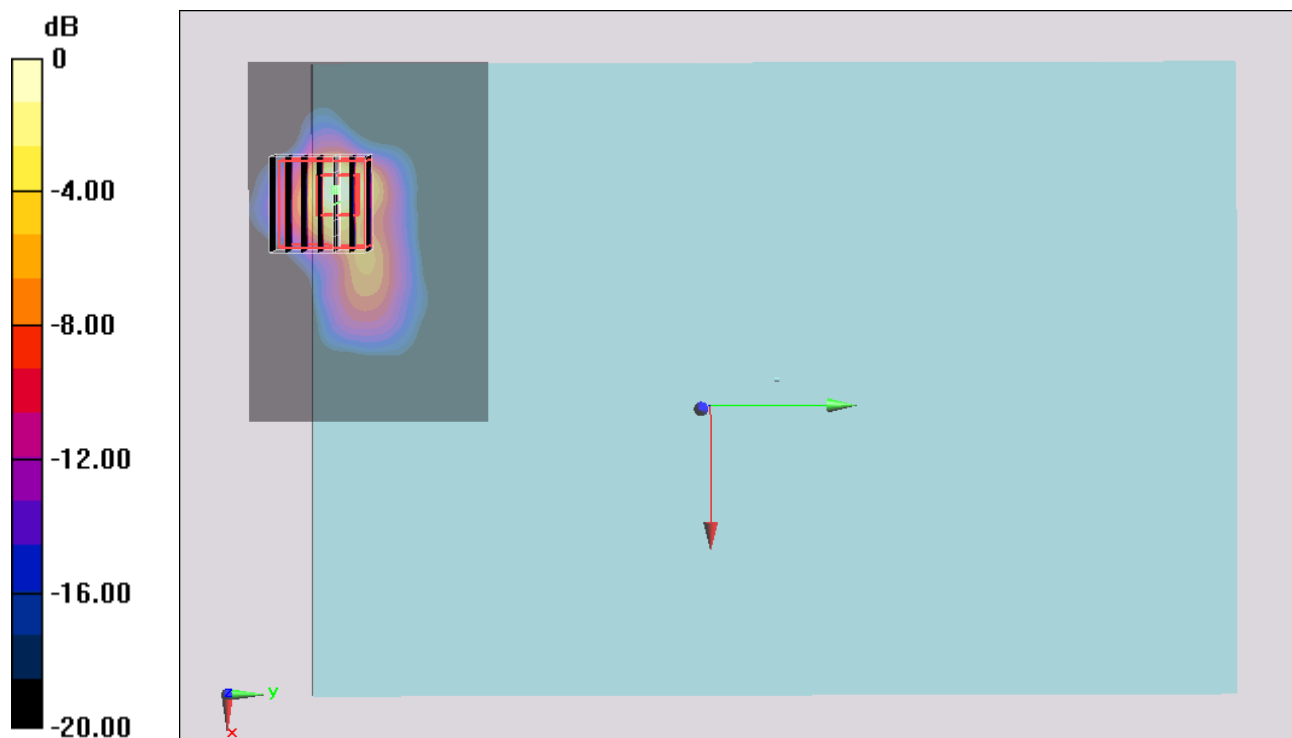
**Configuration/Ch157/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 25.795 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 5.87 W/kg

**SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.255 W/kg**

Maximum value of SAR (measured) = 3.30 W/kg



0 dB = 3.30 W/kg = 5.19 dBW/kg

**#103\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face - Slant of Ant 2\_0cm\_Ch161;Ant 2**

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130730 Medium parameters used:  $f = 5805 \text{ MHz}$ ;  $\sigma = 6.25 \text{ mho/m}$ ;  $\epsilon_r = 46.374$ ;  $\rho =$

$1000 \text{ kg/m}^3$

Ambient Temperature :  $23.5 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.5 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.92, 3.92, 3.92); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch161/Area Scan 2 (91x61x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (interpolated) =  $3.01 \text{ mW/g}$

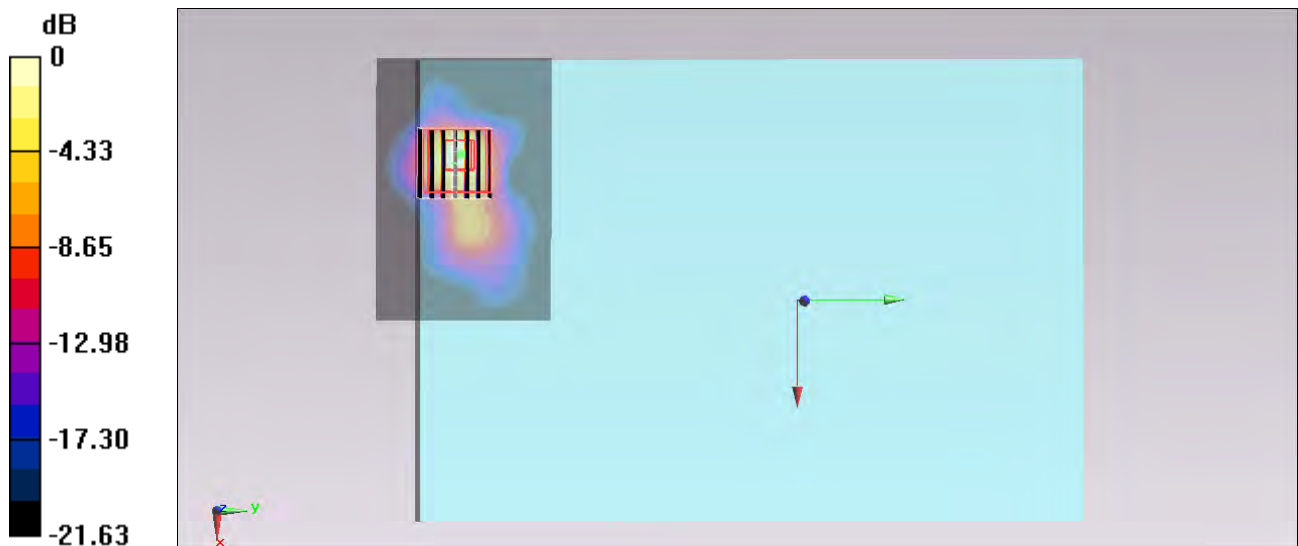
**Configuration/Ch161/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value =  $23.406 \text{ V/m}$ ; Power Drift =  $-0.12 \text{ dB}$

Peak SAR (extrapolated) =  $4.591 \text{ mW/g}$

**SAR(1 g) =  $0.953 \text{ mW/g}$ ; SAR(10 g) =  $0.220 \text{ mW/g}$**

Maximum value of SAR (measured) =  $2.47 \text{ mW/g}$



$0 \text{ dB} = 2.47 \text{ mW/g} = 7.85 \text{ dB mW/g}$



## #53\_WLAN5GHz\_802.11a 6Mbps\_Edge 4\_0cm\_Ch153;Ant 2

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5765 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130730 Medium parameters used:  $f = 5765$  MHz;  $\sigma = 6.212$  mho/m;  $\epsilon_r = 46.539$ ;  $\rho =$

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

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.92, 3.92, 3.92); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch153/Area Scan (41x81x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.79 mW/g

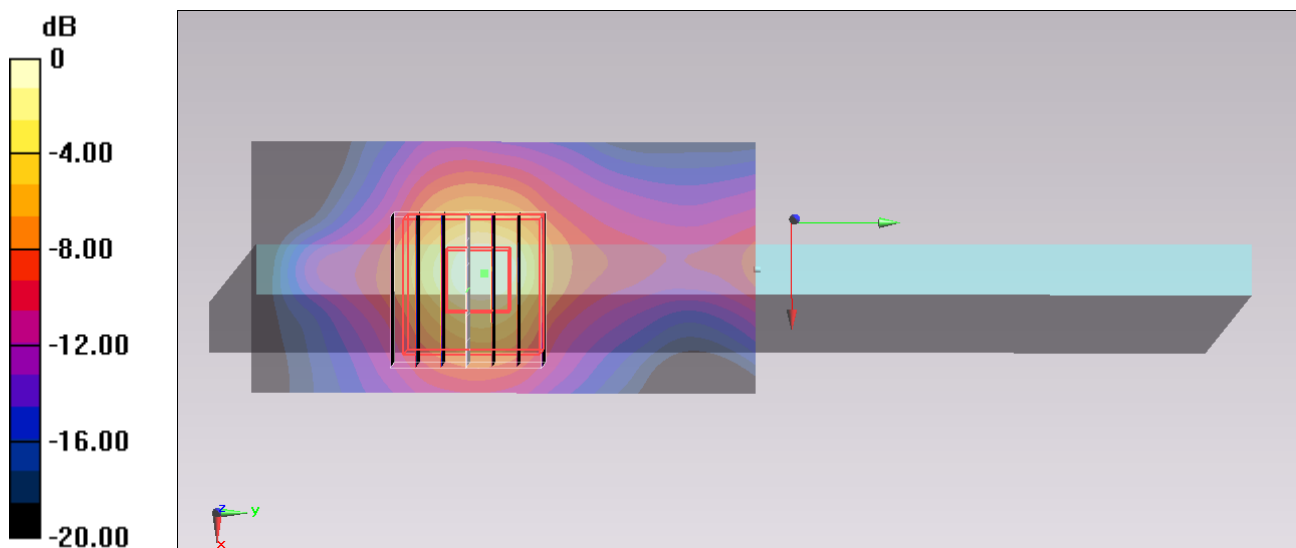
**Configuration/Ch153/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 23.703 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 5.352 mW/g

**SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.284 mW/g**

Maximum value of SAR (measured) = 2.70 mW/g



0 dB = 2.70 mW/g = 8.63 dB mW/g

## #85\_WLAN5GHz\_802.11a 6Mbps\_Edge 4\_0cm\_Ch157;Ant 2

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130730 Medium parameters used:  $f = 5785$  MHz;  $\sigma = 6.23$  mho/m;  $\epsilon_r = 46.452$ ;  $\rho =$

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

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.92, 3.92, 3.92); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch157/Area Scan (41x81x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.78 mW/g

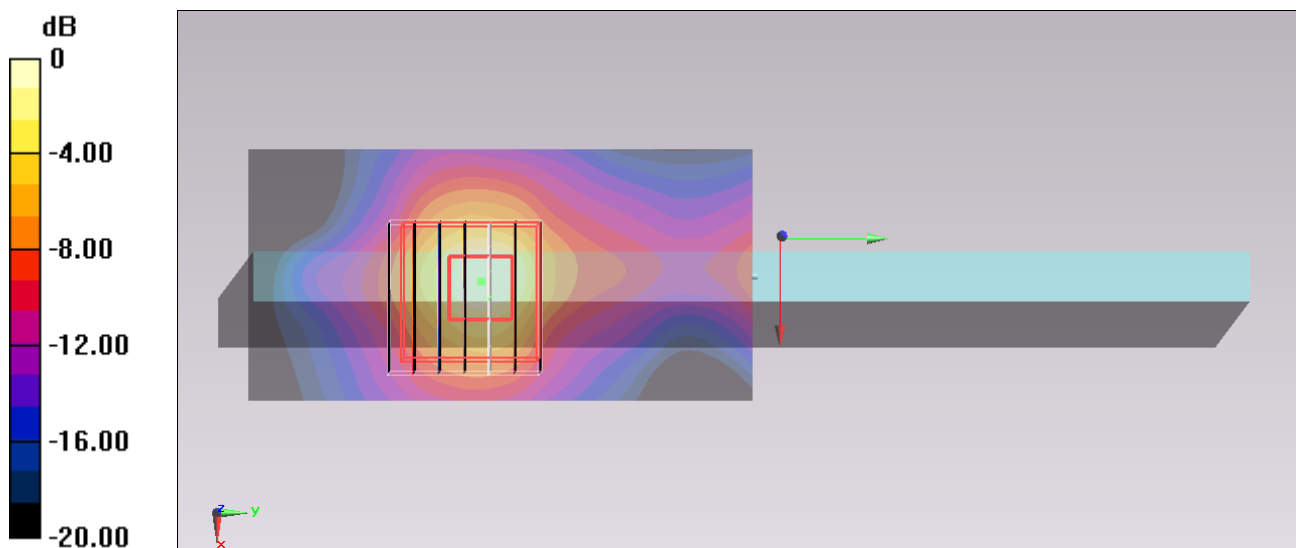
**Configuration/Ch157/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 23.873 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 5.081 mW/g

**SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.272 mW/g**

Maximum value of SAR (measured) = 2.57 mW/g



0 dB = 2.57 mW/g = 8.20 dB mW/g

## #86\_WLAN5GHz\_802.11a 6Mbps\_Edge 4\_0cm\_Ch161;Ant 2

**DUT: 332727-04**

Communication System: 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1.015

Medium: MSL\_5G\_130730 Medium parameters used:  $f = 5805$  MHz;  $\sigma = 6.25$  mho/m;  $\epsilon_r = 46.374$ ;  $\rho =$

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

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.92, 3.92, 3.92); Calibrated: 2013/6/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch161/Area Scan (41x81x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 2.69 mW/g

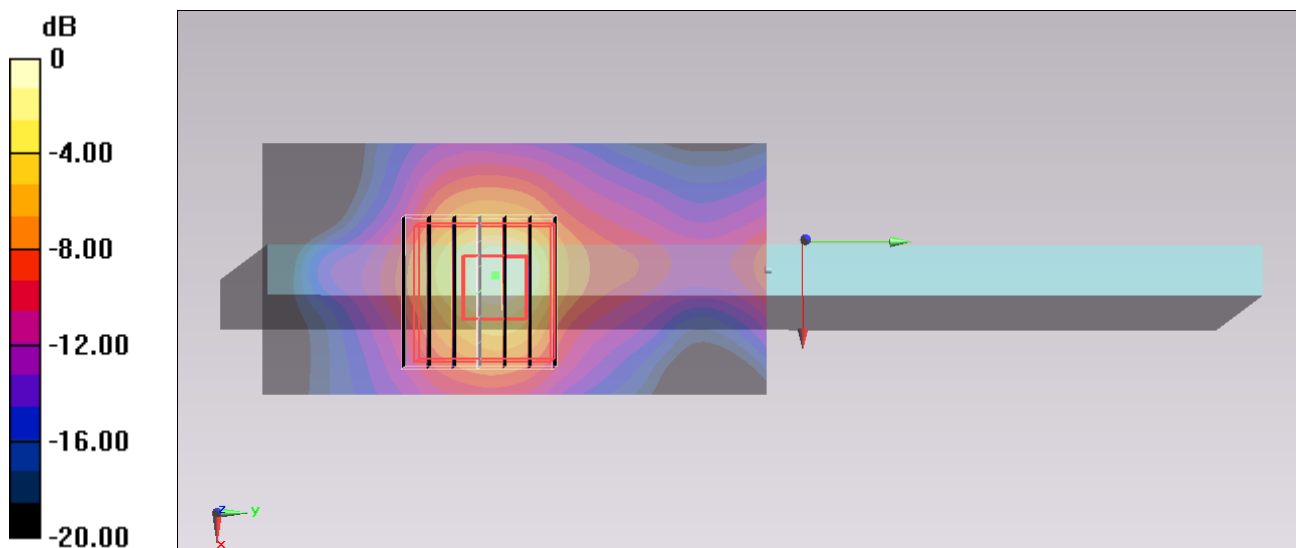
**Configuration/Ch161/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm,  
 dz=1.4mm

Reference Value = 22.997 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 5.141 mW/g

**SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.270 mW/g**

Maximum value of SAR (measured) = 2.62 mW/g



0 dB = 2.62 mW/g = 8.37 dB mW/g