

## #01\_WLAN2.4GHz\_802.11b 1Mbps\_Curved surface of Edge 1\_0cm\_Ch6;Ant Main

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1.013

Medium: MSL\_2450\_150302 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 2$  S/m;  $\epsilon_r = 54.644$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(7.33, 7.33, 7.33); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: ELI\_Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch6/Area Scan (51x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
 Maximum value of SAR (interpolated) = 0.647 W/kg

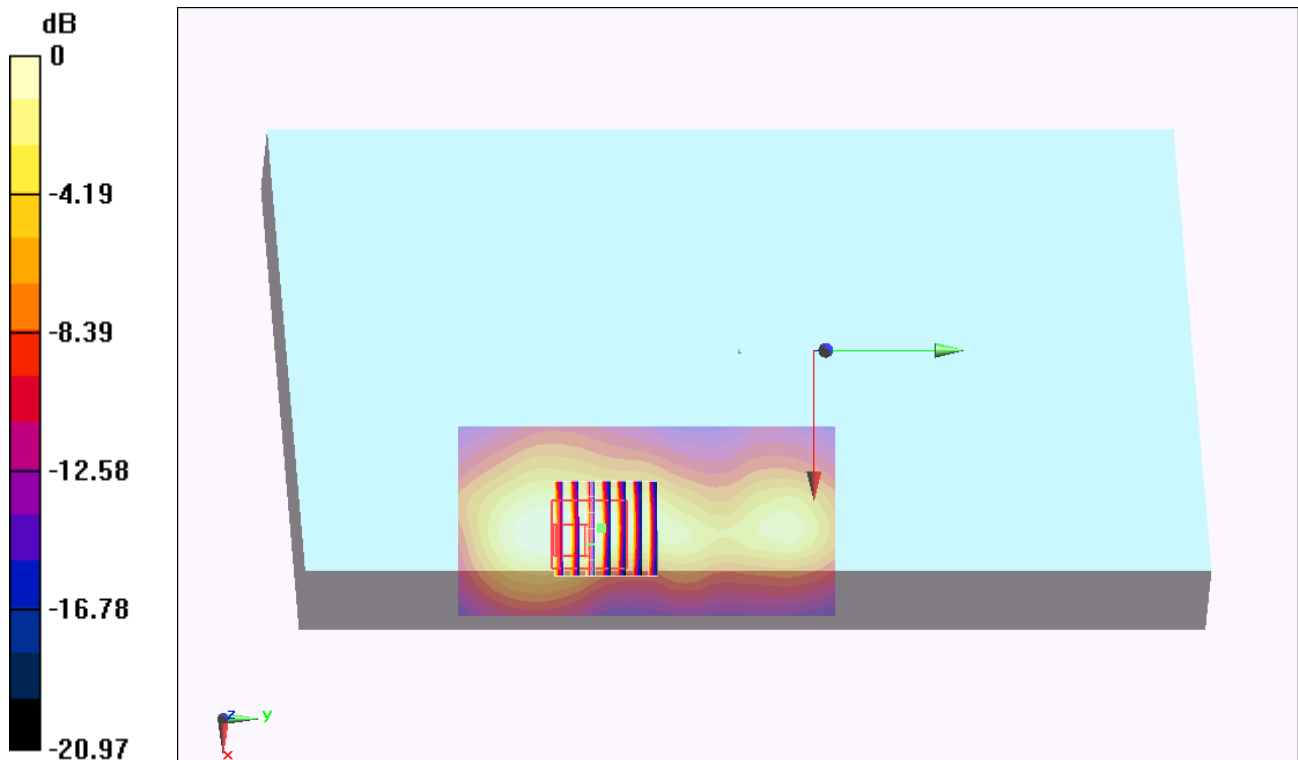
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.977 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.808 W/kg

**SAR(1 g) = 0.392 W/kg; SAR(10 g) = 0.191 W/kg**

Maximum value of SAR (measured) = 0.628 W/kg



0 dB = 0.628 W/kg = -2.02 dBW/kg

## #02\_WLAN5GHz\_802.11ac-VHT40 MCS0\_Edge 1\_0cm\_Ch46;Ant Main

Communication System: 802.11ac; Frequency: 5230 MHz; Duty Cycle: 1:1.031

Medium: MSL\_5G\_150302 Medium parameters used:  $f = 5230$  MHz;  $\sigma = 5.409$  S/m;  $\epsilon_r = 47.403$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(4.32, 4.32, 4.32); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: ELI\_Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch46/Area Scan (61x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

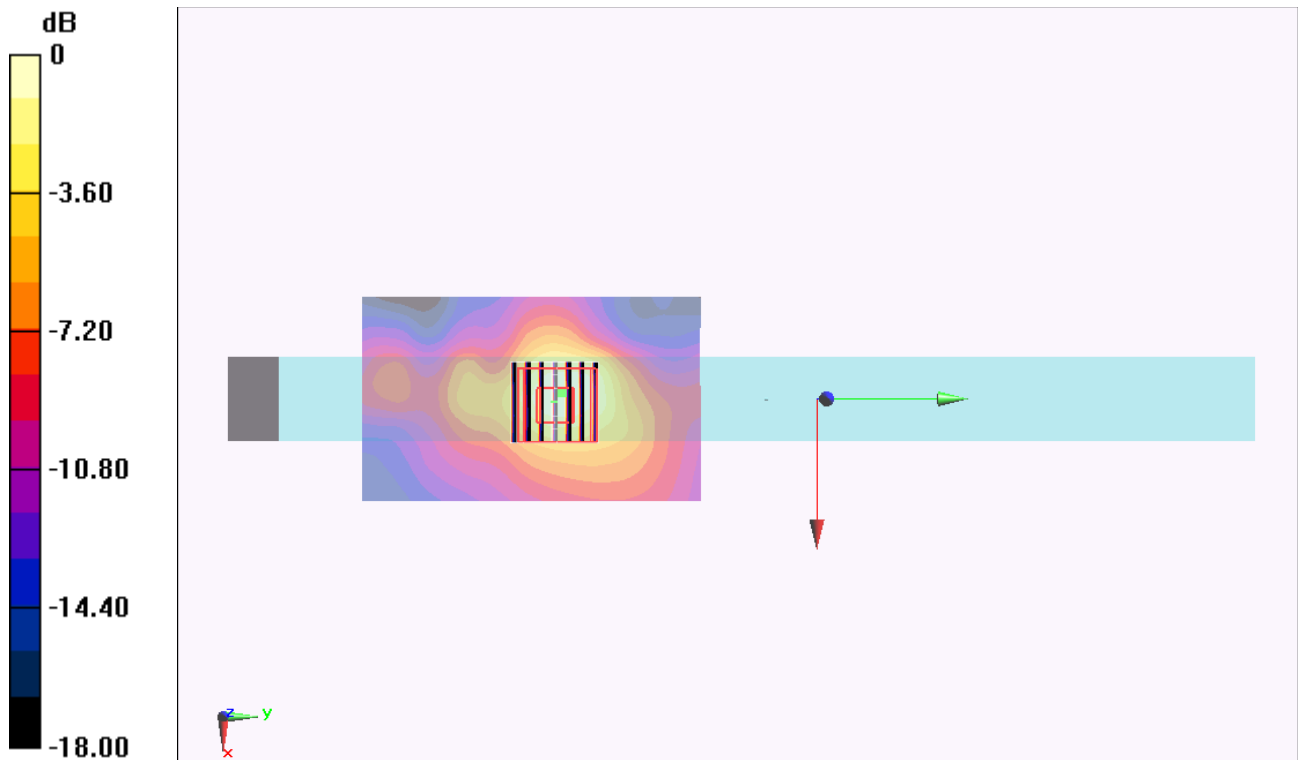
**Configuration/Ch46/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 17.247 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 2.25 W/kg

**SAR(1 g) = 0.585 W/kg; SAR(10 g) = 0.225 W/kg**

Maximum value of SAR (measured) = 1.39 W/kg



0 dB = 1.39 W/kg = 1.43 dBW/kg

### #03\_WLAN5GHz\_802.11ac-VHT40 MCS0\_Edge 1\_0cm\_Ch54;Ant Main

Communication System: 802.11ac; Frequency: 5270 MHz; Duty Cycle: 1:1.031

Medium: MSL\_5G\_150303 Medium parameters used:  $f = 5270$  MHz;  $\sigma = 5.212$  S/m;  $\epsilon_r = 47.313$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(4.15, 4.15, 4.15); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: ELI\_Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch54/Area Scan (81x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.15 W/kg

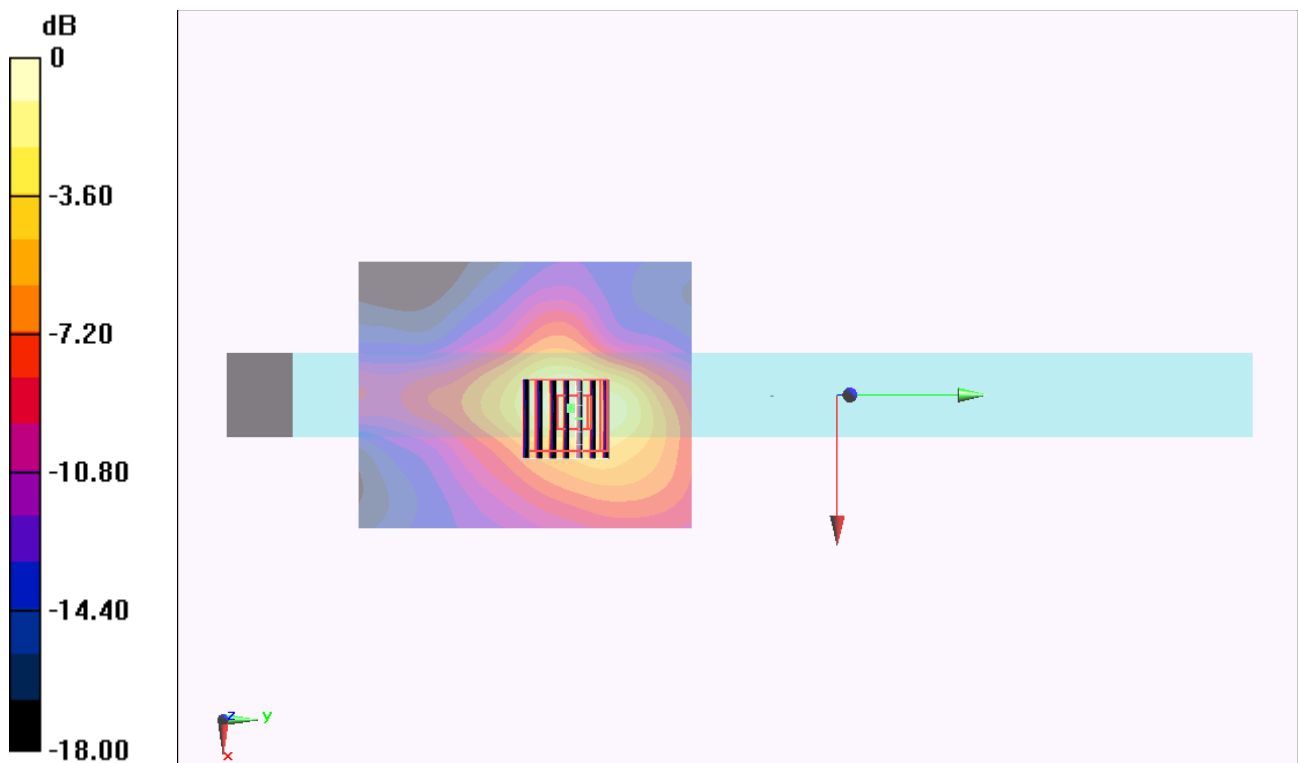
**Configuration/Ch54/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 17.659 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.08 W/kg

**SAR(1 g) = 0.562 W/kg; SAR(10 g) = 0.213 W/kg**

Maximum value of SAR (measured) = 1.24 W/kg



0 dB = 1.24 W/kg = 0.93 dBW/kg

### #04\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Edge 1\_0cm\_Ch138;Ant Main

Communication System: 802.11ac; Frequency: 5690 MHz; Duty Cycle: 1:1.063

Medium: MSL\_5G\_150303 Medium parameters used :  $f = 5690$  MHz;  $\sigma = 5.806$  S/m;  $\epsilon_r = 46.701$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3954; ConvF(3.74, 3.74, 3.74); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: ELI\_Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch138/Area Scan (81x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 1.06 W/kg

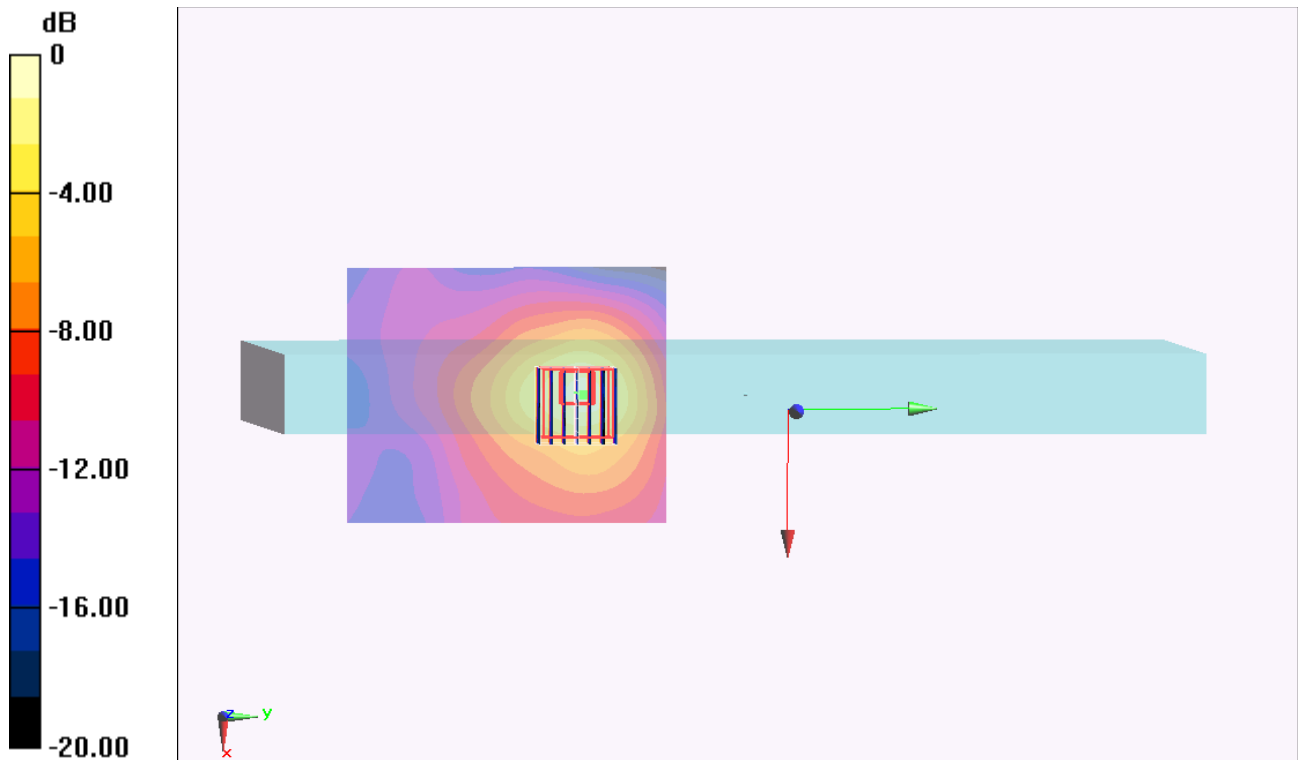
**Configuration/Ch138/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 16.456 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.16 W/kg

**SAR(1 g) = 0.539 W/kg; SAR(10 g) = 0.201 W/kg**

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



0 dB = 1.23 W/kg = 0.90 dBW/kg

**#05\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Edge 1\_0cm\_Ch155;Ant Main**

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.063

Medium: MSL\_5G\_150304 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.935$  S/m;  $\epsilon_r = 46.578$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3954; ConvF(3.96, 3.96, 3.96); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: ELI\_Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

**Configuration/Ch155/Area Scan (81x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 0.827 W/kg

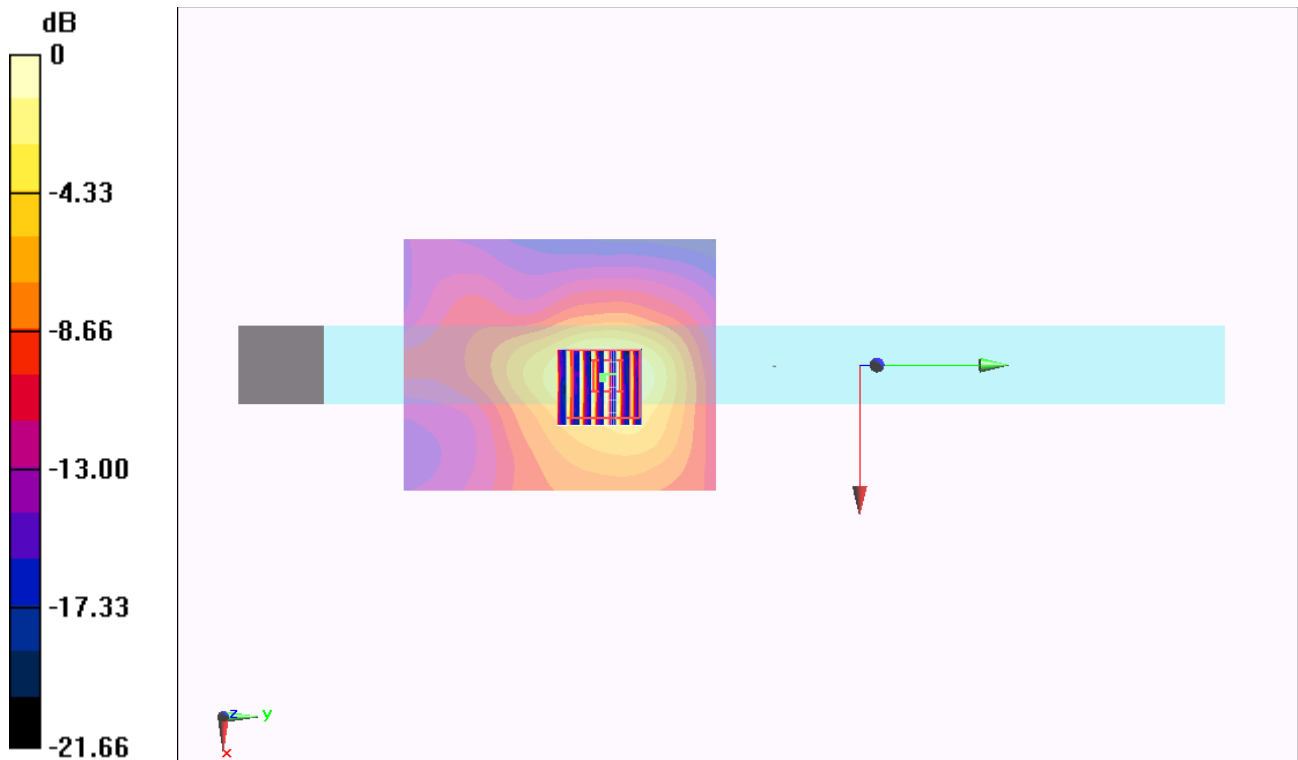
**Configuration/Ch155/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.099 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.54 W/kg

**SAR(1 g) = 0.384 W/kg; SAR(10 g) = 0.146 W/kg**

Maximum value of SAR (measured) = 0.901 W/kg



0 dB = 0.901 W/kg = -0.45 dBW/kg