

### #01\_WLAN2.4GHz\_802.11n-HT40 MCS0\_Edge 1\_0mm\_Ch6;Ant Main

Communication System: 802.11n; Frequency: 2437 MHz; Duty Cycle: 1:1.105

Medium: MSL\_2450\_150319 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.997$  S/m;  $\epsilon_r = 51.83$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(7.36, 7.36, 7.36); Calibrated: 2014/9/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2014/10/6
- 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 (61x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.852 W/kg

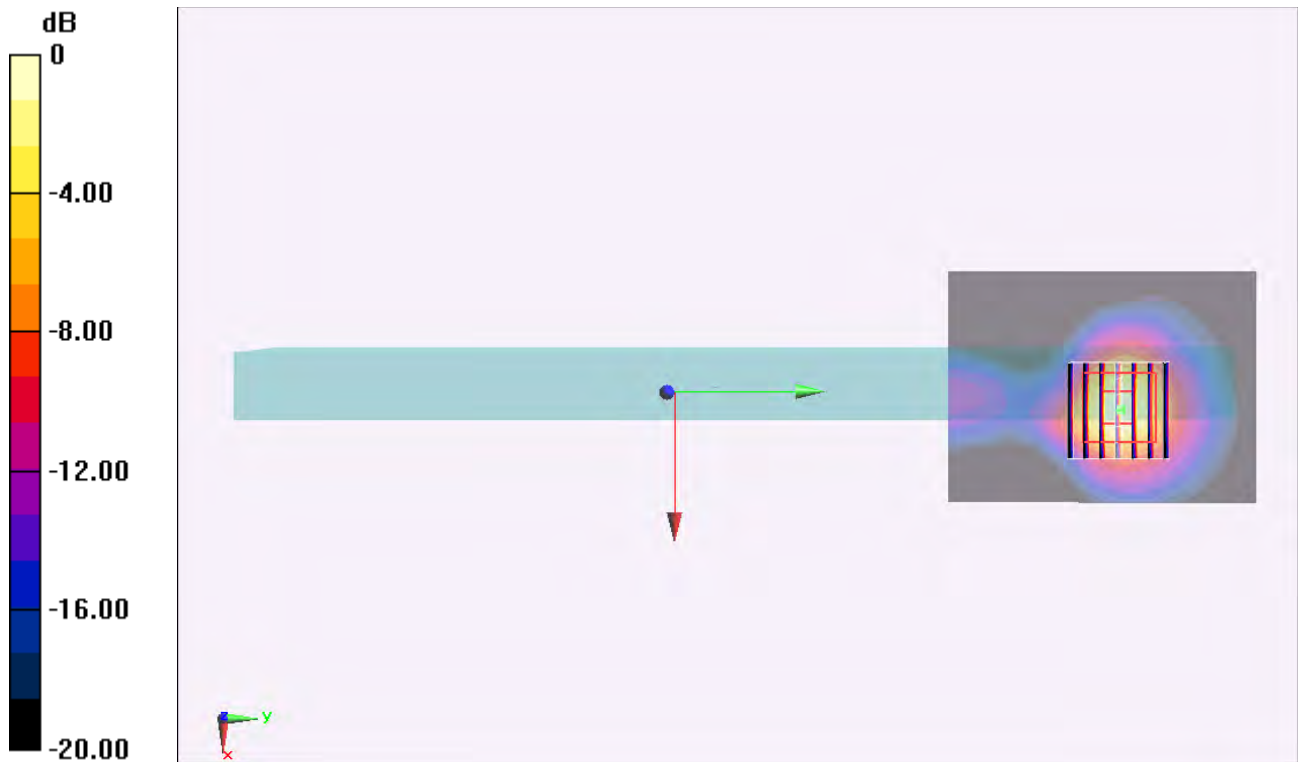
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 16.076 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.04 W/kg

**SAR(1 g) = 0.473 W/kg; SAR(10 g) = 0.195 W/kg**

Maximum value of SAR (measured) = 0.815 W/kg



0 dB = 0.815 W/kg = -0.89 dBW/kg

## #02\_WLAN5GHz\_802.11a 6Mbps\_Edge 1\_0mm\_Ch44;Ant Main

Communication System: 802.11a ; Frequency: 5220 MHz;Duty Cycle: 1:1.053

Medium: MSL\_5G\_150323 Medium parameters used:  $f = 5220$  MHz;  $\sigma = 5.368$  S/m;  $\epsilon_r = 48.294$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °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 v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch44/Area Scan (61x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 0.758 W/kg

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

Reference Value = 11.516 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 3.83 W/kg

**SAR(1 g) = 0.884 W/kg; SAR(10 g) = 0.223 W/kg**

Maximum value of SAR (measured) = 2.19 W/kg



0 dB = 2.19 W/kg = 3.40 dBW/kg

### #03\_WLAN5GHz\_802.11a 6Mbps\_Edge 1\_0mm\_Ch52;Ant Main

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1.053

Medium: MSL\_5G\_150324 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 5.431$  S/m;  $\epsilon_r = 47.782$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °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 v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch52/Area Scan (61x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 1.00 W/kg

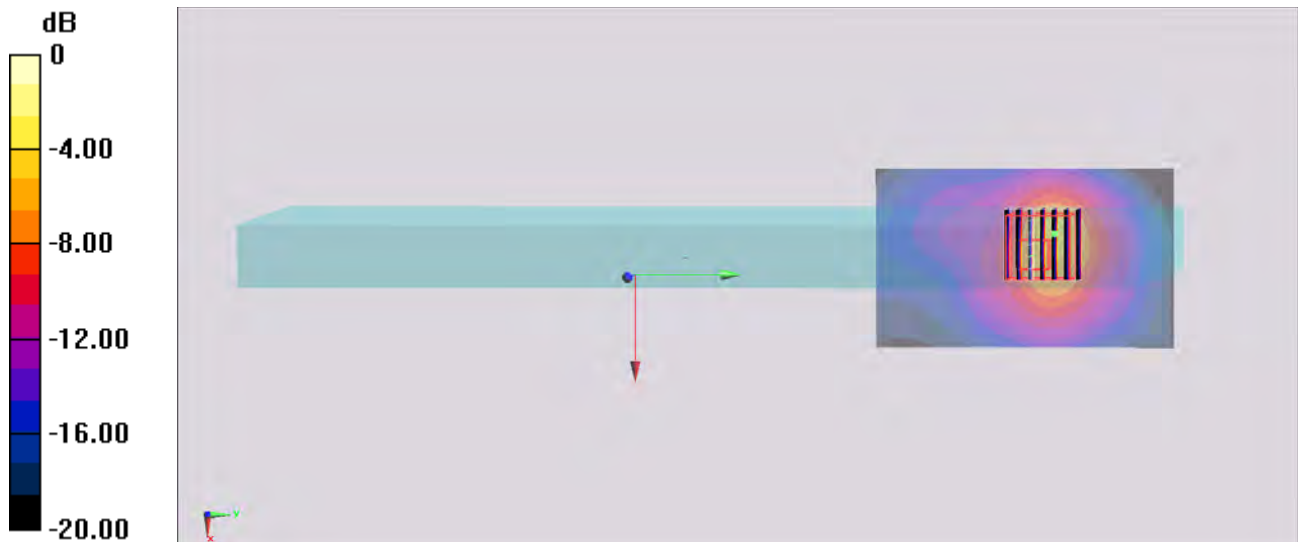
**Configuration/Ch52/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 15.408 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 4.14 W/kg

**SAR(1 g) = 1 W/kg; SAR(10 g) = 0.314 W/kg**

Maximum value of SAR (measured) = 2.51 W/kg



0 dB = 2.51 W/kg = 4.00 dBW/kg

### #04\_WLAN5GHz\_802.11a 6Mbps\_Edge 1\_0mm\_Ch100;Ant Main

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1.053

Medium: MSL\_5G\_150324 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.775$  S/m;  $\epsilon_r = 47.399$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration

- Probe: EX3DV4 - SN3954; ConvF(3.92, 3.92, 3.92); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/7/23
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (7); SEMCAD X Version 14.6.10 (7164)

**Configuration/Ch100/Area Scan (61x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 2.91 W/kg

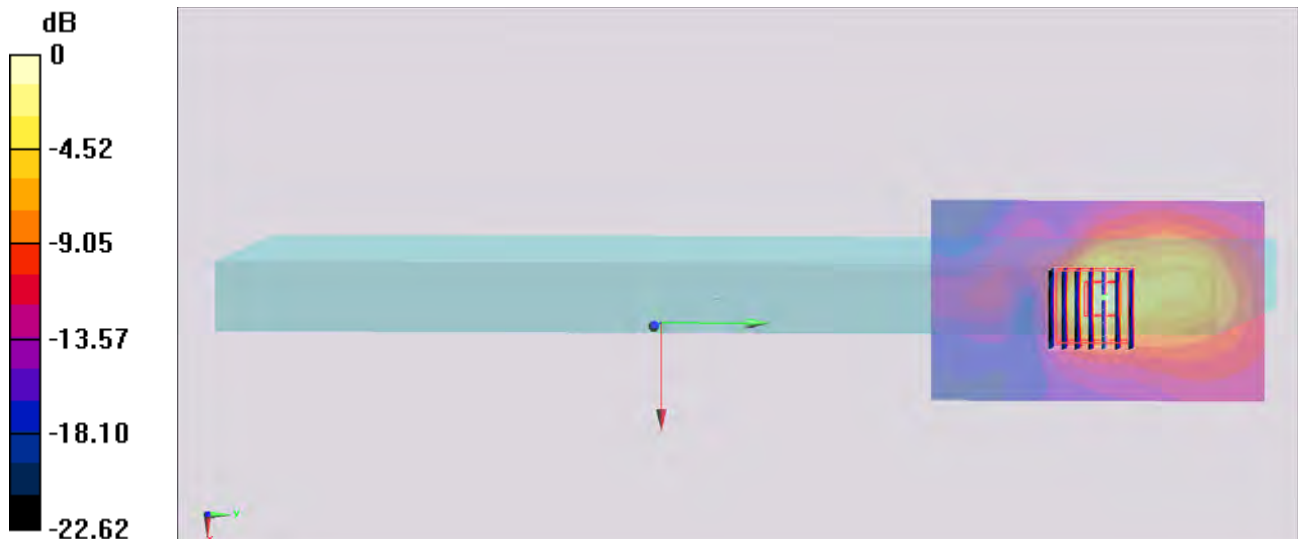
**Configuration/Ch100/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 25.145 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 4.82 W/kg

**SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.332 W/kg**

Maximum value of SAR (measured) = 2.77 W/kg



0 dB = 2.77 W/kg = 4.42 dBW/kg

### #05\_WLAN5GHz\_802.11ac-VHT20 MCS0\_Edge 1\_0mm\_Ch165;Ant Main

Communication System: 802.11ac ; Frequency: 5825 MHz;Duty Cycle: 1:1.016

Medium: MSL\_5G\_150326 Medium parameters used :  $f = 5825$  MHz;  $\sigma = 6.299$  S/m;  $\epsilon_r = 46.861$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °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: DAE3 Sn577; Calibrated: 2014/10/6
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch165/Area Scan (61x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.51 W/kg

**Configuration/Ch165/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm,

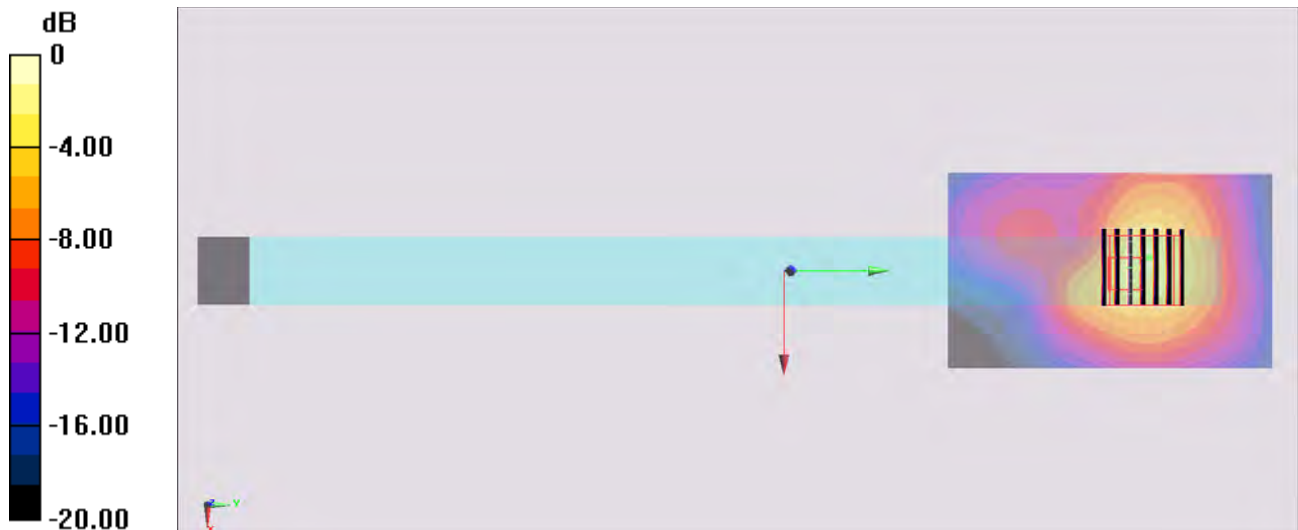
dz=1.4mm

Reference Value = 16.54 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 5.38 W/kg

**SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.390 W/kg**

Maximum value of SAR (measured) = 2.69 W/kg



0 dB = 2.69 W/kg = 4.30 dBW/kg