

### #01\_WLAN2.4GHz\_802.11b 1Mbps\_Bottom Face \_0mm\_Ch6

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1.028

Medium: MSL\_2450\_160106 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 2.021$  S/m;  $\epsilon_r = 54.379$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(7.54, 7.54, 7.54); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: ELI v4.0\_Front; Type: QDOVA001BB; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch6/Area Scan (71x61x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
 Maximum value of SAR (interpolated) = 0.436 W/kg

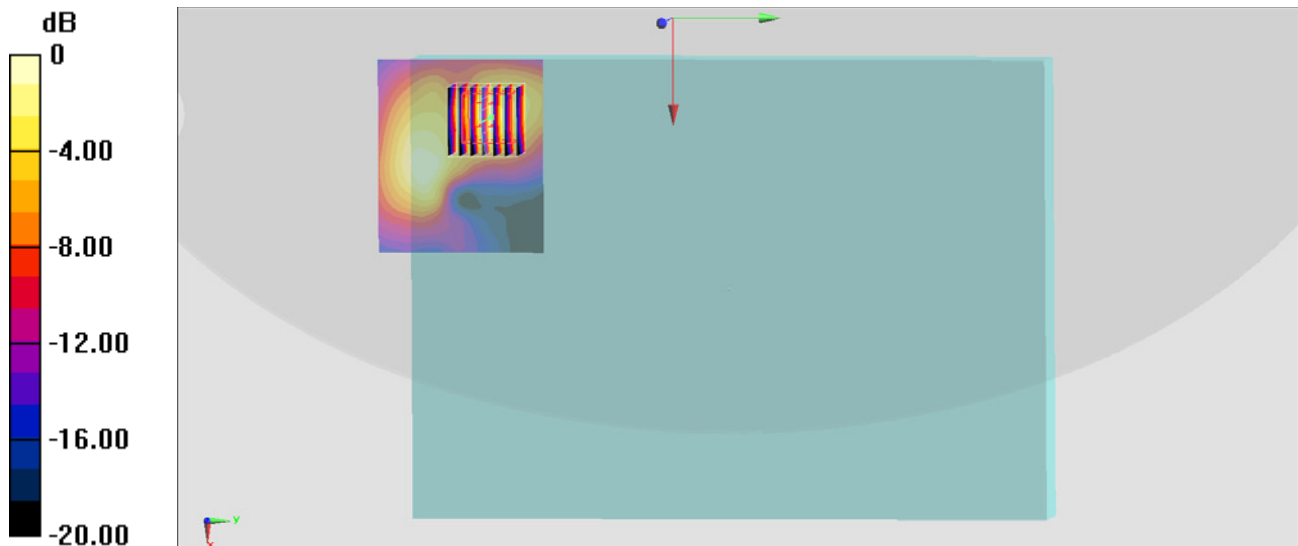
**Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.74 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.533 W/kg

**SAR(1 g) = 0.255 W/kg; SAR(10 g) = 0.121 W/kg**

Maximum value of SAR (measured) = 0.427 W/kg



0 dB = 0.436 W/kg = -3.61 dBW/kg

## #02\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face\_0mm\_Ch52

Communication System: 802.11a ; Frequency: 5260 MHz;Duty Cycle: 1:1.174

Medium: MSL\_5G\_160125 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 5.355$  S/m;  $\epsilon_r = 46.694$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(4.43, 4.43, 4.43); Calibrated: 2015/5/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: ELI v4.0\_Front; Type: QDOVA001BB; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch52/Area Scan (121x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.837 W/kg

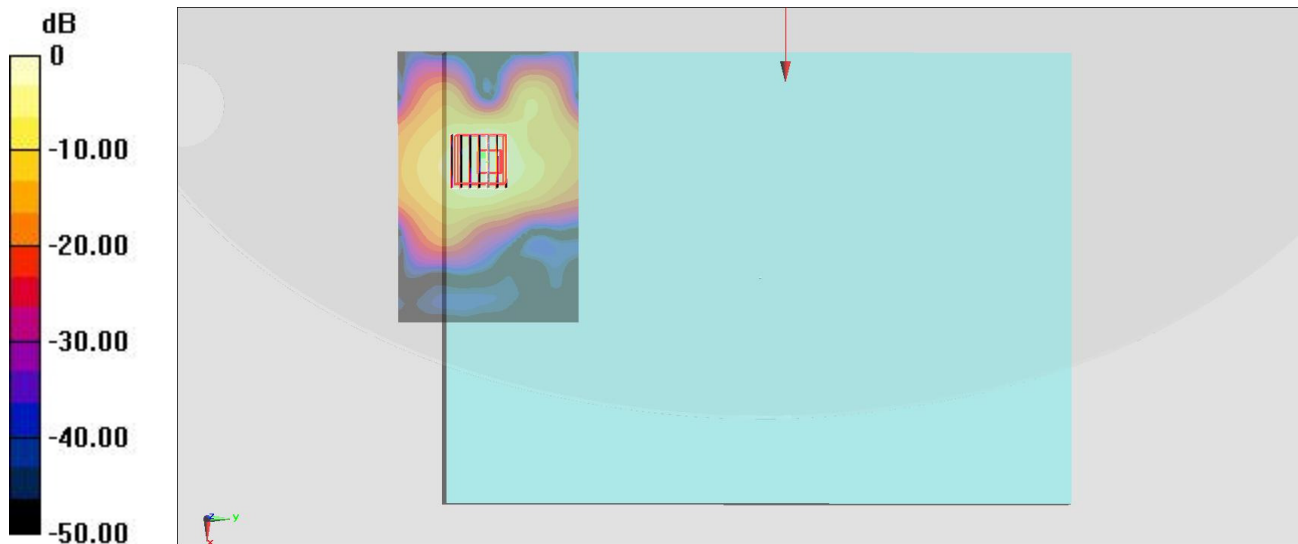
**Configuration/Ch52/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 20.36 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 3.03 W/kg

**SAR(1 g) = 0.730 W/kg; SAR(10 g) = 0.171 W/kg**

Maximum value of SAR (measured) = 1.85 W/kg



0 dB = 0.837 W/kg = -0.77 dBW/kg

### #03\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face\_0mm\_Ch132

Communication System: 802.11a ; Frequency: 5660 MHz; Duty Cycle: 1:1.174

Medium: MSL\_5G\_160107 Medium parameters used:  $f = 5660$  MHz;  $\sigma = 6.05$  S/m;  $\epsilon_r = 46.276$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C; Liquid Temperature : 22.8 °C

#### DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(3.84, 3.84, 3.84); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: ELI v4.0\_Front; Type: QDOVA001BB; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch132/Area Scan (121x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 0.585 W/kg

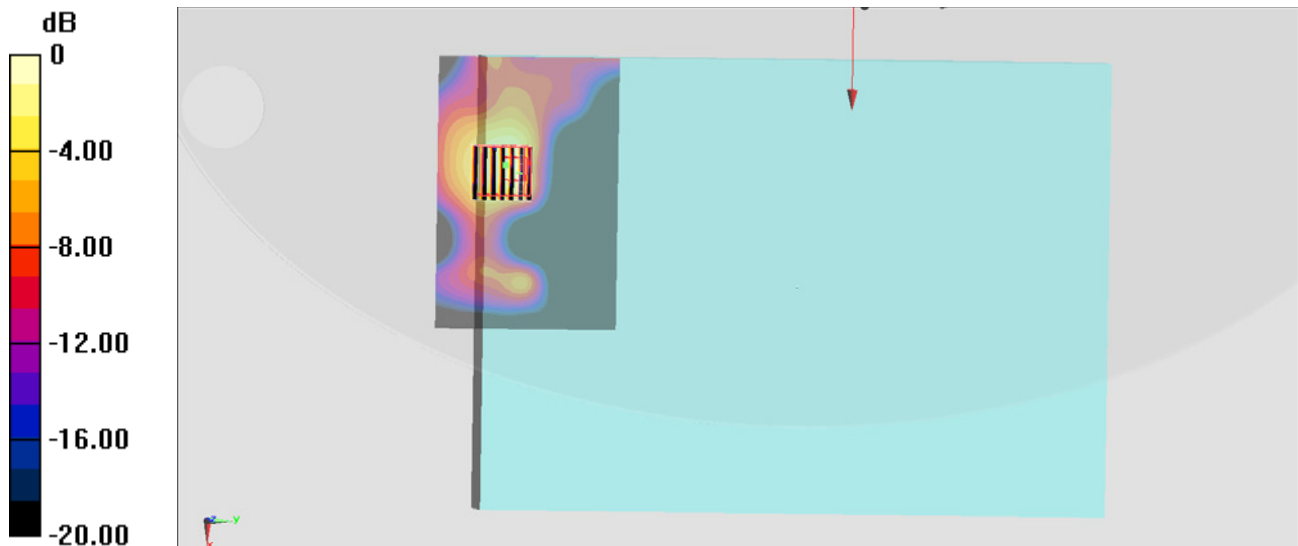
**Configuration/Ch132/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.599 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 3.66 W/kg

**SAR(1 g) = 0.893 W/kg; SAR(10 g) = 0.189 W/kg**

Maximum value of SAR (measured) = 2.24 W/kg



0 dB = 0.585 W/kg = -2.33 dBW/kg

### #04\_WLAN5GHz\_802.11a\_6Mbps\_Edge\_4\_0mm\_Ch157

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1.174

Medium: MSL\_5G\_160118 Medium parameters used:  $f = 5785$  MHz;  $\sigma = 6.201$  S/m;  $\epsilon_r = 46.026$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

#### DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(4.16, 4.16, 4.16); Calibrated: 2015/5/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: ELI v4.0\_Front; Type: QDOVA001BB; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Configuration/Ch157/Area Scan (81x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
 Maximum value of SAR (interpolated) = 1.43 W/kg

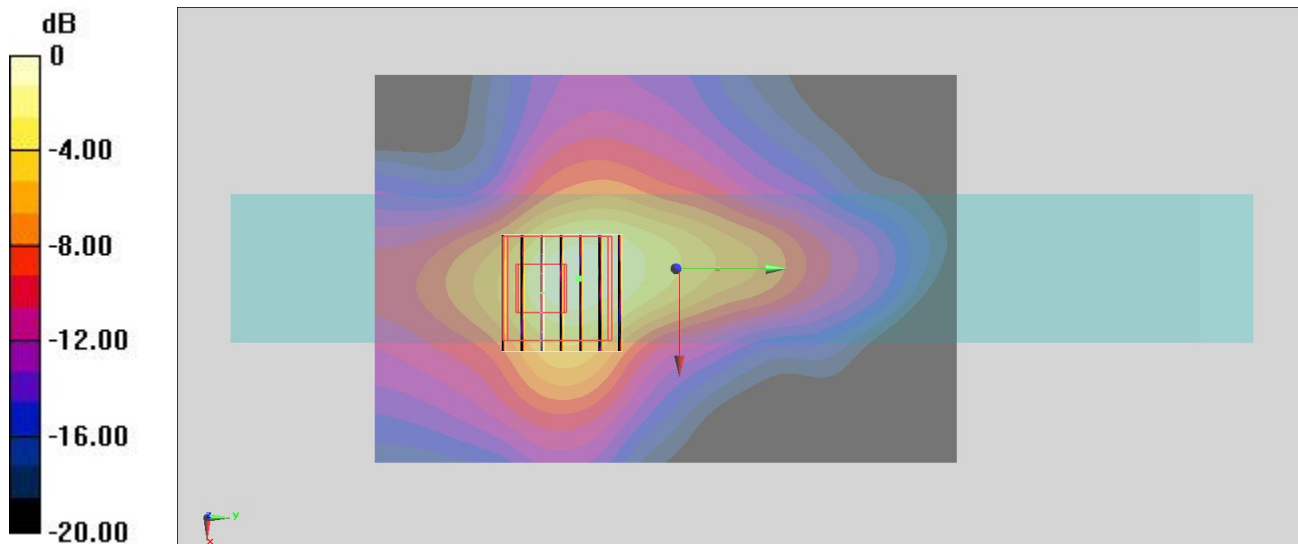
**Configuration/Ch157/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 16.18 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 3.74 W/kg

**SAR(1 g) = 0.831 W/kg; SAR(10 g) = 0.235 W/kg**

Maximum value of SAR (measured) = 2.17 W/kg



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