

## #01\_WLAN2.4GHz\_802.11b 1Mbps\_Front\_0mm\_Ch1;Ant 2

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

Medium: MSL\_2450\_161108 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.933$  S/m;  $\epsilon_r = 54.591$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3898; ConvF(7.42, 7.42, 7.42); Calibrated: 2016/7/11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2016/6/13
- Phantom: SAM-Right; Type: SAM; Serial: 1795
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Area Scan (51x71x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.50 W/kg

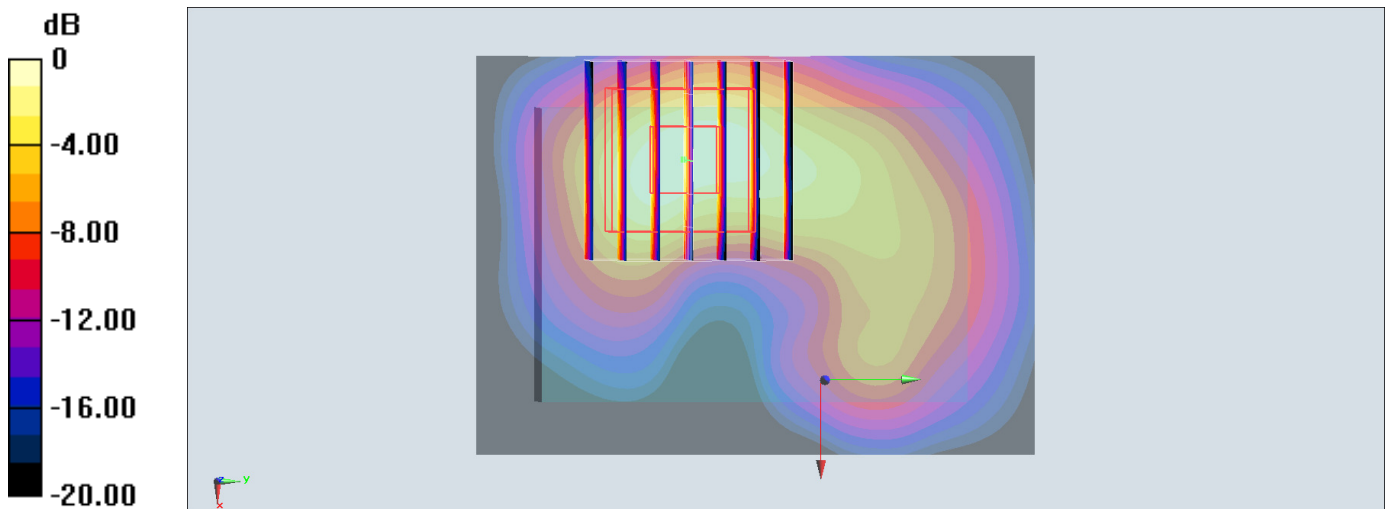
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.20 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.74 W/kg

**SAR(1 g) = 0.856 W/kg; SAR(10 g) = 0.390 W/kg**

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



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

**#02\_WLAN5GHz\_802.11a 6Mbps\_Front\_0mm\_Ch60;Ant 2**

Communication System: 802.11a ; Frequency: 5300 MHz;Duty Cycle: 1:1.036

Medium: MSL\_5G\_161102 Medium parameters used:  $f = 5300$  MHz;  $\sigma = 5.507$  S/m;  $\epsilon_r = 47.823$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(4.69, 4.69, 4.69); Calibrated: 2016/5/11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 2016/1/12
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

**Area Scan (61x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 7.89 W/kg

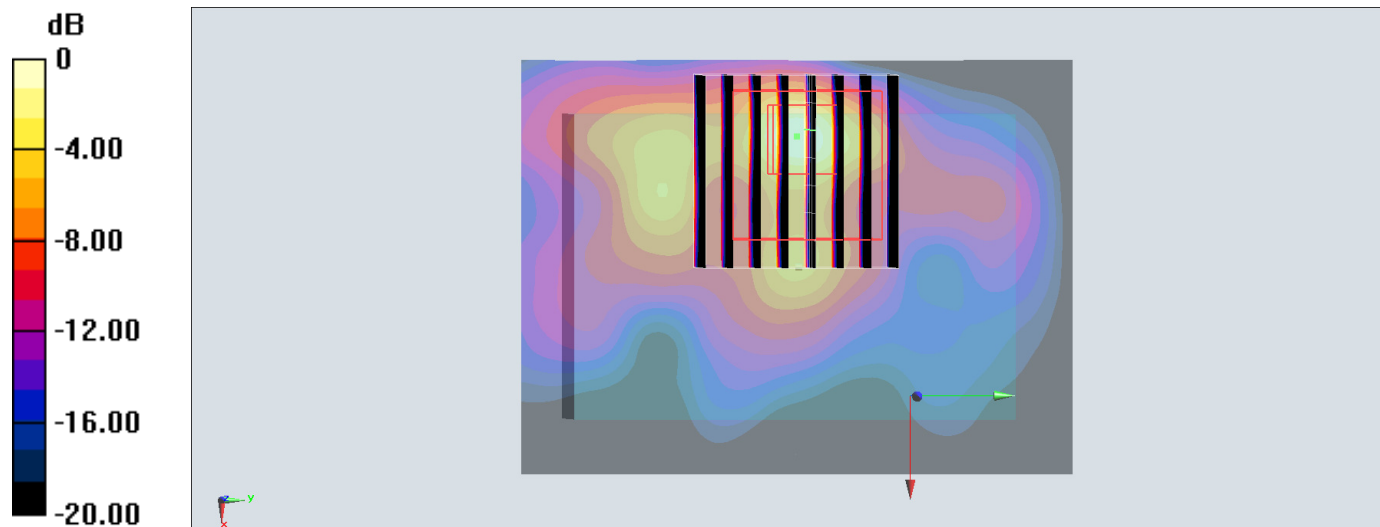
**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 24.45 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 13.0 W/kg

**SAR(1 g) = 2.62 W/kg; SAR(10 g) = 0.619 W/kg**

Maximum value of SAR (measured) = 7.61 W/kg



0 dB = 7.61 W/kg = 8.81 dBW/kg

### #03\_WLAN5GHz\_802.11a 6Mbps\_Front\_0mm\_Ch132;Ant 2

Communication System: 802.11a ; Frequency: 5660 MHz;Duty Cycle: 1:1.036

Medium: MSL\_5G\_161108 Medium parameters used:  $f = 5660$  MHz;  $\sigma = 5.984$  S/m;  $\epsilon_r = 47.158$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(3.81, 3.81, 3.81); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

**Area Scan (61x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 7.04 W/kg

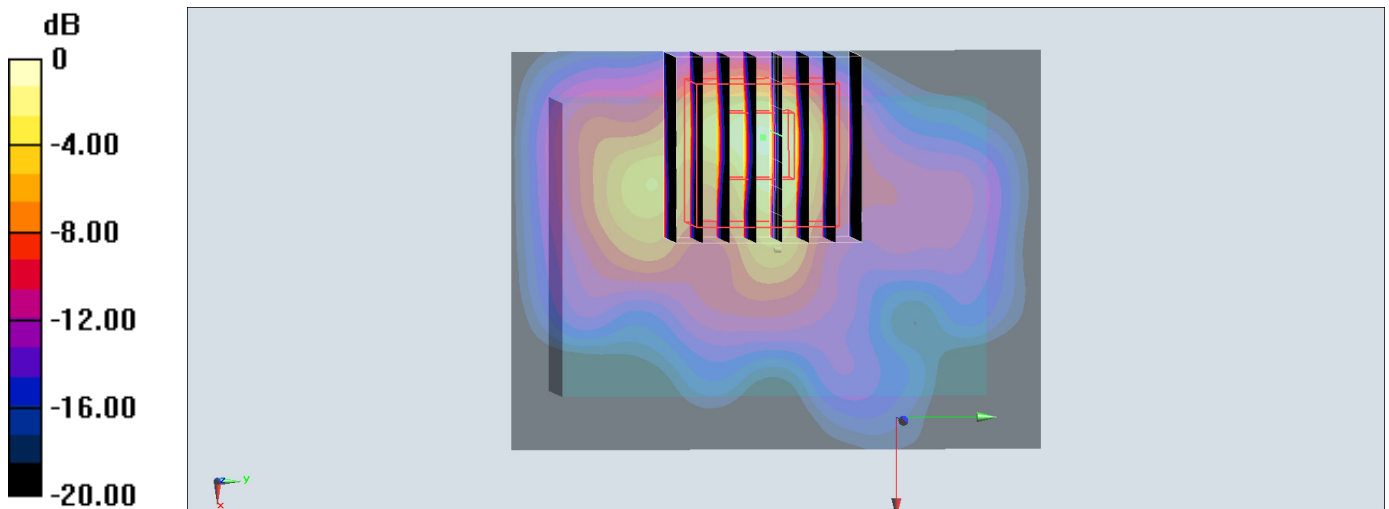
**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 24.09 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 15.5 W/kg

**SAR(1 g) = 3.62 W/kg; SAR(10 g) = 0.861 W/kg**

Maximum value of SAR (measured) = 8.61 W/kg



0 dB = 8.61 W/kg = 9.35 dBW/kg

## #04\_WLAN5GHz\_802.11a 6Mbps\_Front\_0mm\_Ch157;Ant 2

Communication System: 802.11a ; Frequency: 5785 MHz;Duty Cycle: 1:1.036

Medium: MSL\_5G\_161102 Medium parameters used:  $f = 5785$  MHz;  $\sigma = 6.16$  S/m;  $\epsilon_r = 47.024$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(3.92, 3.92, 3.92); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2015/11/23
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1644
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

**Area Scan (61x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 7.96 W/kg

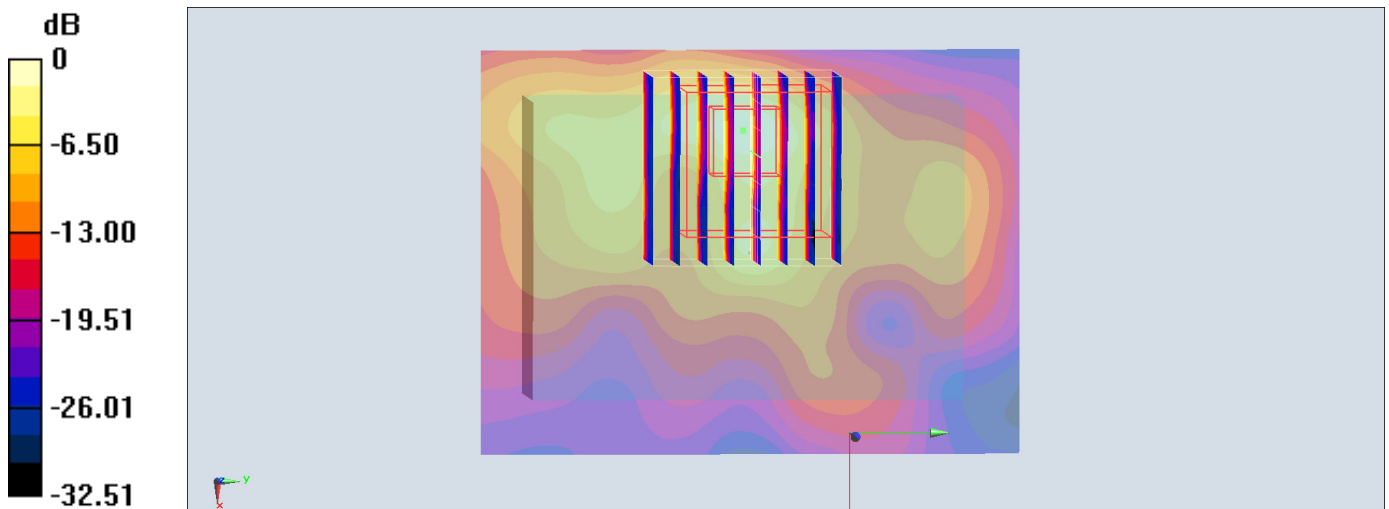
**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 26.16 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 13.8 W/kg

**SAR(1 g) = 3.09 W/kg; SAR(10 g) = 0.746 W/kg**

Maximum value of SAR (measured) = 7.85 W/kg



0 dB = 7.85 W/kg = 8.95 dBW/kg