

**#01\_WLAN2.4GHz\_802.11b 1Mbps\_Front Face\_0mm\_Ch6;Ant 1**

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1.009

Medium: MSL\_2450\_160504 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.95$  S/m;  $\epsilon_r = 53.354$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °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 v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Area Scan (101x51x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.54 W/kg

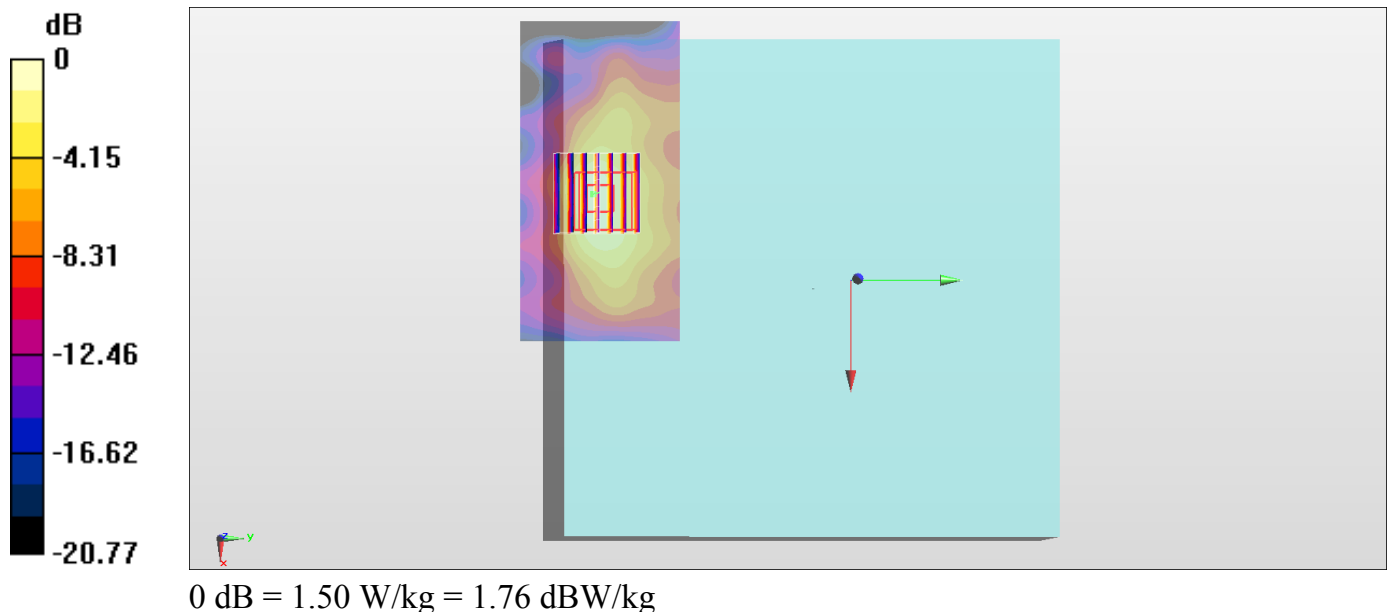
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.91 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.92 W/kg

**SAR(1 g) = 0.921 W/kg; SAR(10 g) = 0.450 W/kg**

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



**#02\_WLAN5GHz\_802.11a 6Mbps\_Slant of Edge 4\_0mm\_Ch40;Ant 1**

Communication System: 802.11a ; Frequency: 5200 MHz;Duty Cycle: 1:1.07

Medium: MSL\_5G\_160605 Medium parameters used:  $f = 5200$  MHz;  $\sigma = 5.433$  S/m;  $\epsilon_r = 47.235$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3925; ConvF(4.39, 4.39, 4.39); Calibrated: 2016/5/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: ELI v4.0\_Front; Type: QDOVA001BB; Serial: TP:1029
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

**Area Scan (101x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 20.9 W/kg

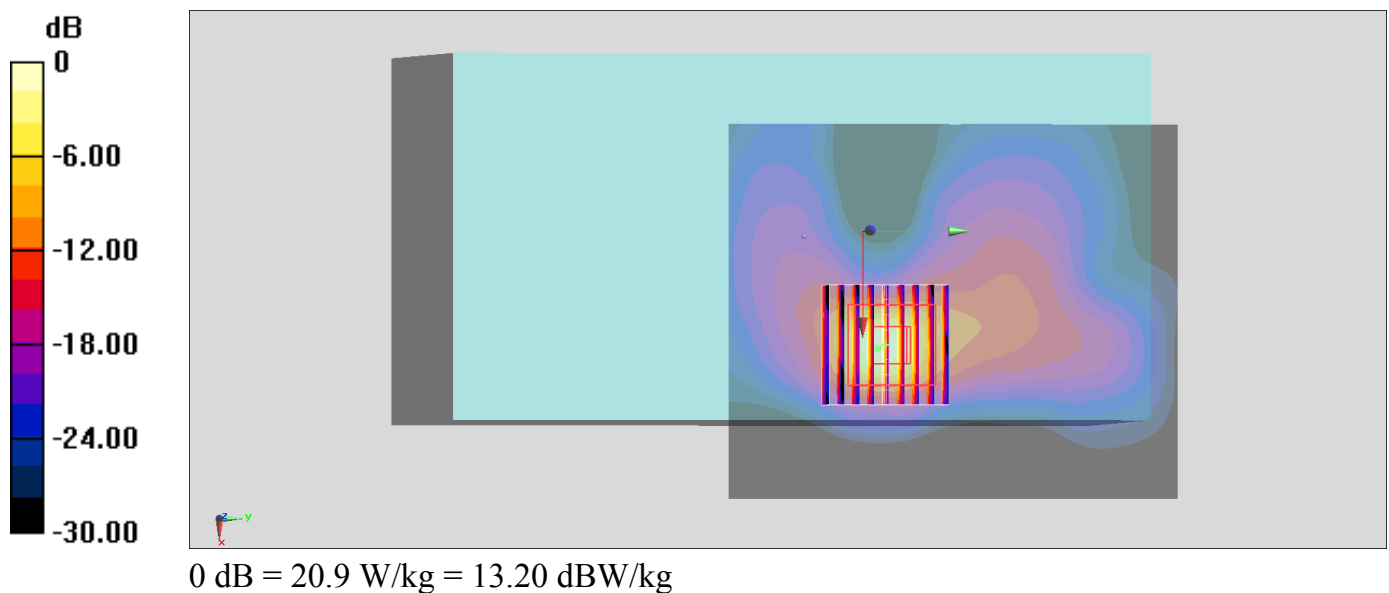
**Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 19.98 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 40.6 W/kg

**SAR(1 g) = 8.85 W/kg; SAR(10 g) = 2.04 W/kg**

Maximum value of SAR (measured) = 23.4 W/kg



**#03\_WLAN5GHz\_802.11n-HT40 MCS0\_Slant of Edge 4\_0mm\_Ch159;Ant 2**

Communication System: 802.11n ; Frequency: 5795 MHz;Duty Cycle: 1:1.167

Medium: MSL\_5G\_160504 Medium parameters used:  $f = 5795$  MHz;  $\sigma = 6.251$  S/m;  $\epsilon_r = 46.132$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3931; ConvF(3.98, 3.98, 3.98); Calibrated: 2015/10/1;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2015/9/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Area Scan (101x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000mm

Maximum value of SAR (interpolated) = 18.2 W/kg

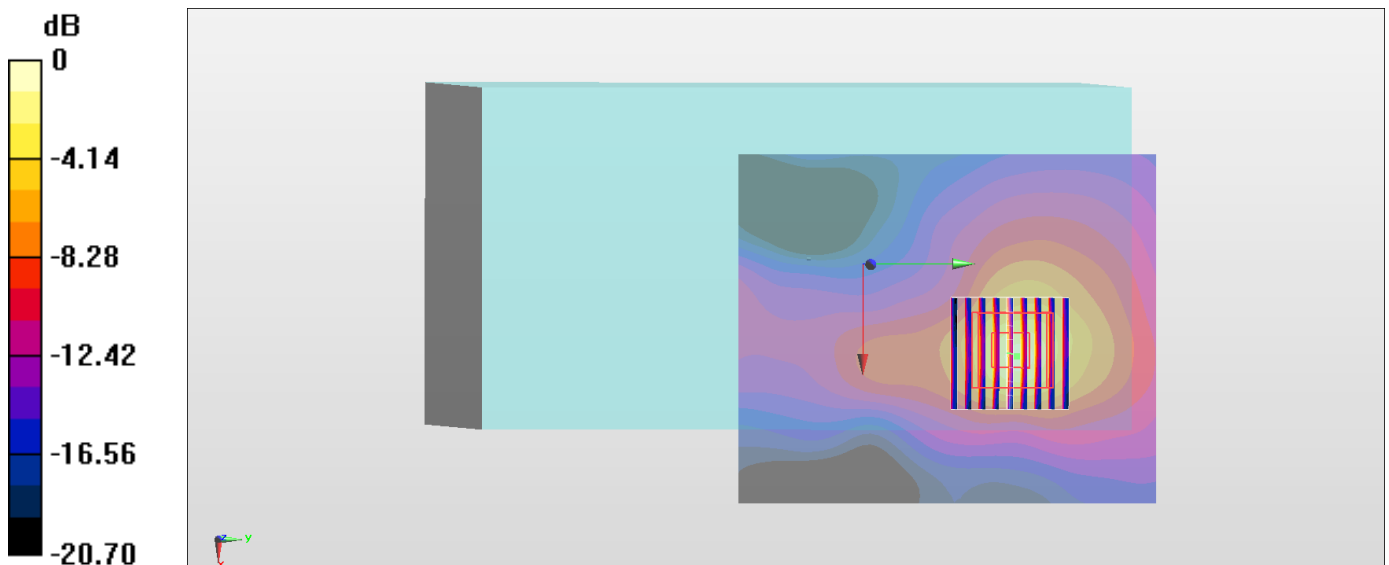
**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm,dz=1.4mm

Reference Value = 22.81 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 46.5 W/kg

**SAR(1 g) = 9.15 W/kg; SAR(10 g) = 2.15 W/kg**

Maximum value of SAR (measured) = 26.5 W/kg



0 dB = 26.5 W/kg = 14.23 dBW/kg