

**#01\_WLAN2.4GHz\_802.11b 1Mbps\_Bottom Face\_0mm\_Ch1**

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1.014

Medium: MSL\_2450\_170127 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.925$  S/m;  $\epsilon_r = 53.984$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.1 °C

**DASY5 Configuration**

- Probe: EX3DV4 - SN3931; ConvF(7.73, 7.73, 7.73); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (71x61x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 2.26 W/kg

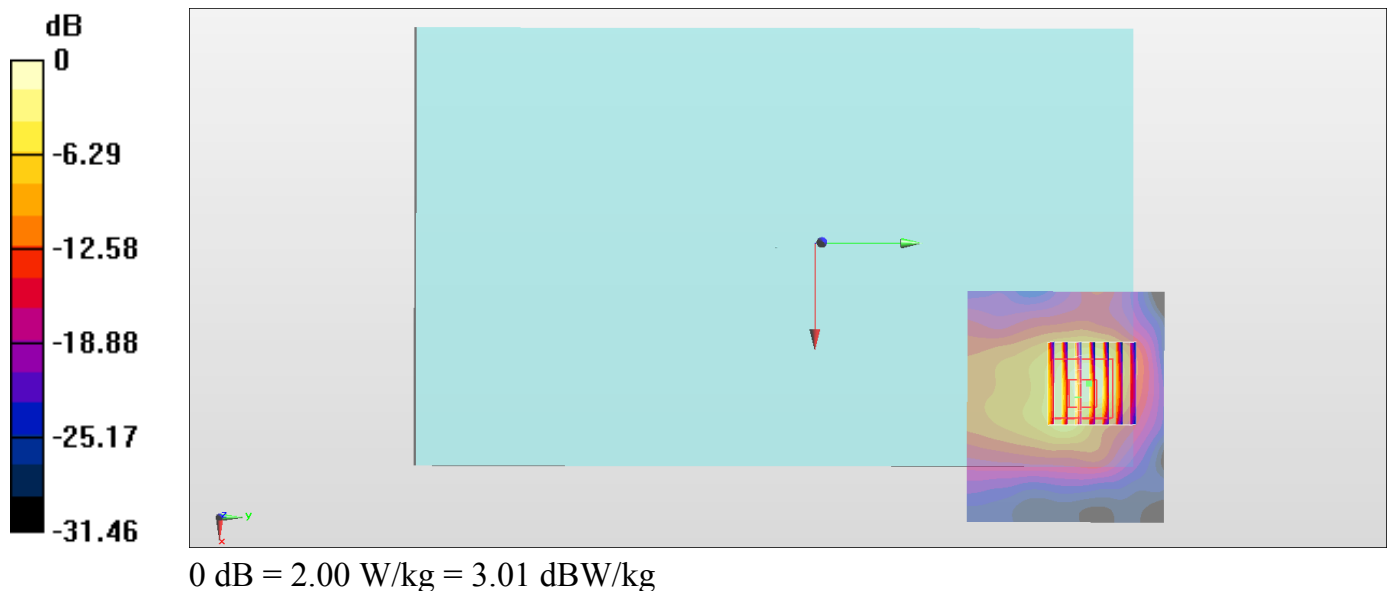
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 17.02 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.60 W/kg

**SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.471 W/kg**

Maximum value of SAR (measured) = 2.00 W/kg



**#02\_WLAN5GHz\_802.11n-HT40 MCS0\_Edge 1\_0mm\_Ch46**

Communication System: 802.11n; Frequency: 5230 MHz; Duty Cycle: 1:1.167

Medium: MSL\_5G\_170127 Medium parameters used:  $f = 5230$  MHz;  $\sigma = 5.471$  S/m;  $\epsilon_r = 47.206$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

**DASY5 Configuration**

- Probe: EX3DV4 - SN3931; ConvF(4.57, 4.57, 4.57); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

**Area Scan (71x71x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.09 W/kg

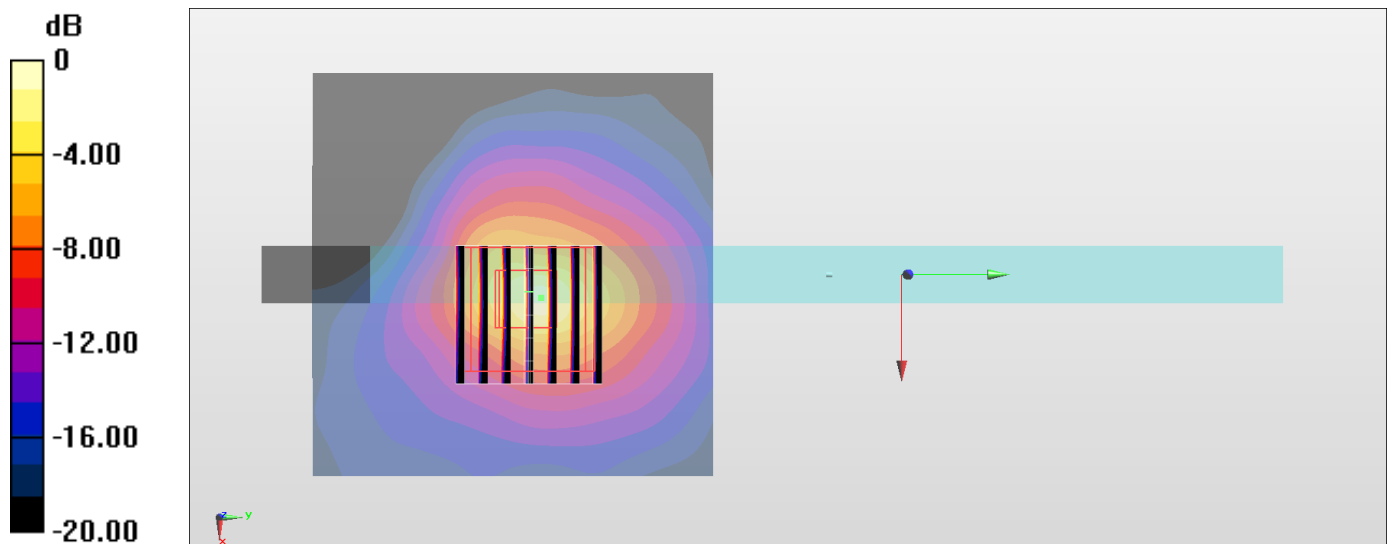
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 19.09 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 4.01 W/kg

**SAR(1 g) = 0.933 W/kg; SAR(10 g) = 0.263 W/kg**

Maximum value of SAR (measured) = 2.46 W/kg



0 dB = 2.46 W/kg = 3.91 dBW/kg

**#03\_WLAN5GHz\_802.11n-HT40 MCS0\_Edge 1\_0mm\_Ch159**

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

Medium: MSL\_5G\_170202 Medium parameters used:  $f = 5795$  MHz;  $\sigma = 6.237$  S/m;  $\epsilon_r = 46.059$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3955; ConvF(4.12, 4.12, 4.12); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 2.05 W/kg

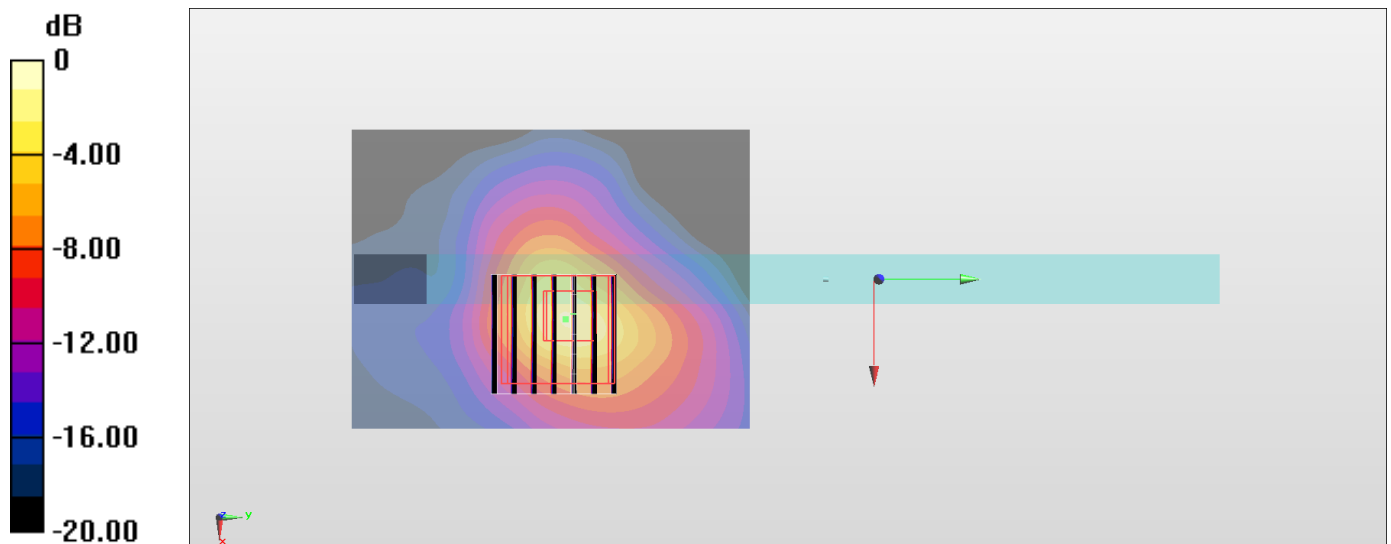
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 15.20 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 4.74 W/kg

**SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.269 W/kg**

Maximum value of SAR (measured) = 2.70 W/kg



0 dB = 2.70 W/kg = 4.31 dBW/kg