

**#01\_WLAN2.4GHz\_802.11g 6Mbps\_Bottom Face\_0mm\_Ch1**

Communication System: 802.11g; Frequency: 2412 MHz; Duty Cycle: 1:1.054

Medium: MSL\_2450\_160415 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.938$  S/m;  $\epsilon_r = 52.427$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**Configuration/Ch1/Area Scan (81x51x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 1.99 W/kg

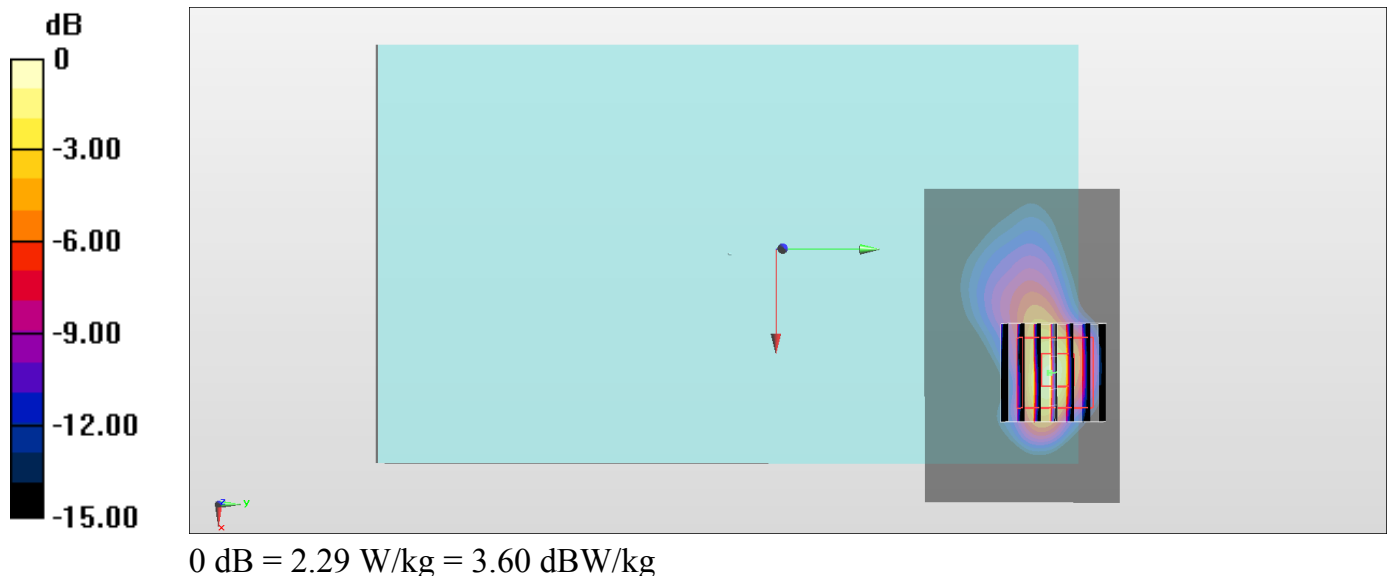
**Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.2220 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 3.13 W/kg

**SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.443 W/kg**

Maximum value of SAR (measured) = 2.29 W/kg



**#02\_WLAN5GHz\_802.11n-HT40 MCS0\_Bottom Face\_0mm\_Ch46**

Communication System: 802.11n ; Frequency: 5230 MHz;Duty Cycle: 1:1.097

Medium: MSL\_5G\_160415 Medium parameters used:  $f = 5230$  MHz;  $\sigma = 5.363$  S/m;  $\epsilon_r = 46.644$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration**

- Probe: EX3DV4 - SN3931; ConvF(4.48, 4.48, 4.48); 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)

**Configuration/Ch46/Area Scan (81x61x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 1.50 W/kg

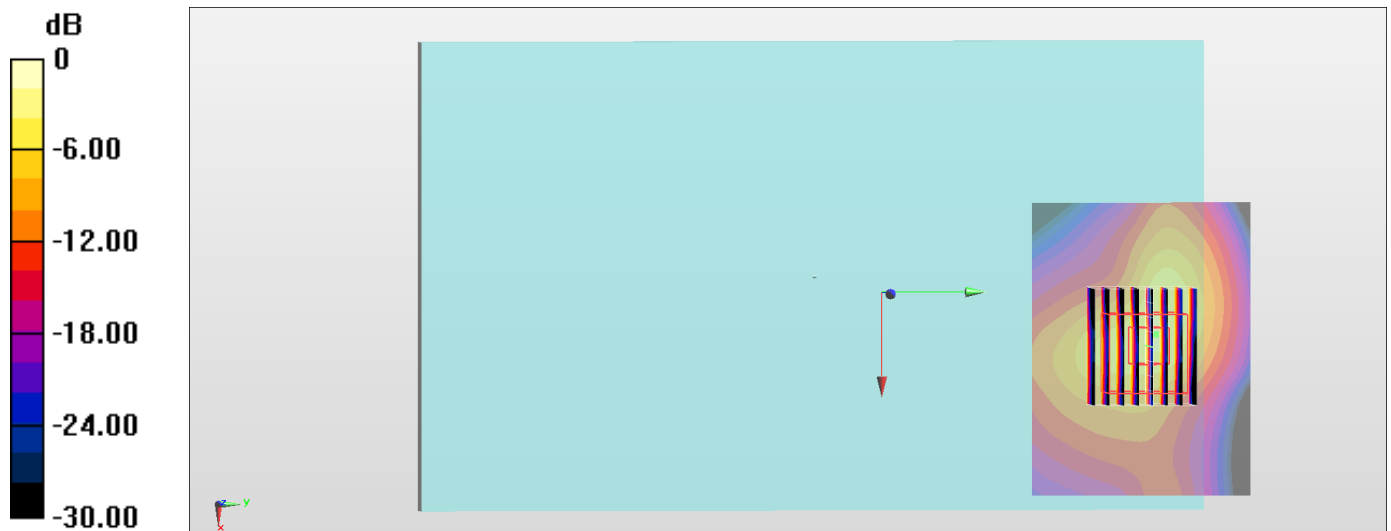
**Configuration/Ch46/Zoom Scan (9x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 21.69 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 6.49 W/kg

**SAR(1 g) = 1.26 W/kg; SAR(10 g) = 0.369 W/kg**

Maximum value of SAR (measured) = 3.40 W/kg



0 dB = 3.40 W/kg = 5.31 dBW/kg

**#03\_WLAN5GHz\_802.11a 6Mbps\_Bottom Face\_0mm\_Ch165**

Communication System: 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:1.049

Medium: MSL\_5G\_160421 Medium parameters used:  $f = 5825$  MHz;  $\sigma = 6.279$  S/m;  $\epsilon_r = 45.939$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.7 °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)

**Configuration/Ch165/Area Scan (81x61x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 2.66 W/kg

**Configuration/Ch165/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.535 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 5.06 W/kg

**SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.240 W/kg**

Maximum value of SAR (measured) = 2.82 W/kg

