

## #01\_WLAN2.4Ghz\_802.11b 1Mbps\_Side 3\_25mm\_Ch1

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

Medium: HSL\_2450\_160613 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.77$  S/m;  $\epsilon_r = 40.562$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(7.36, 7.36, 7.36); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2016/5/12
- 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 (51x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.158 W/kg

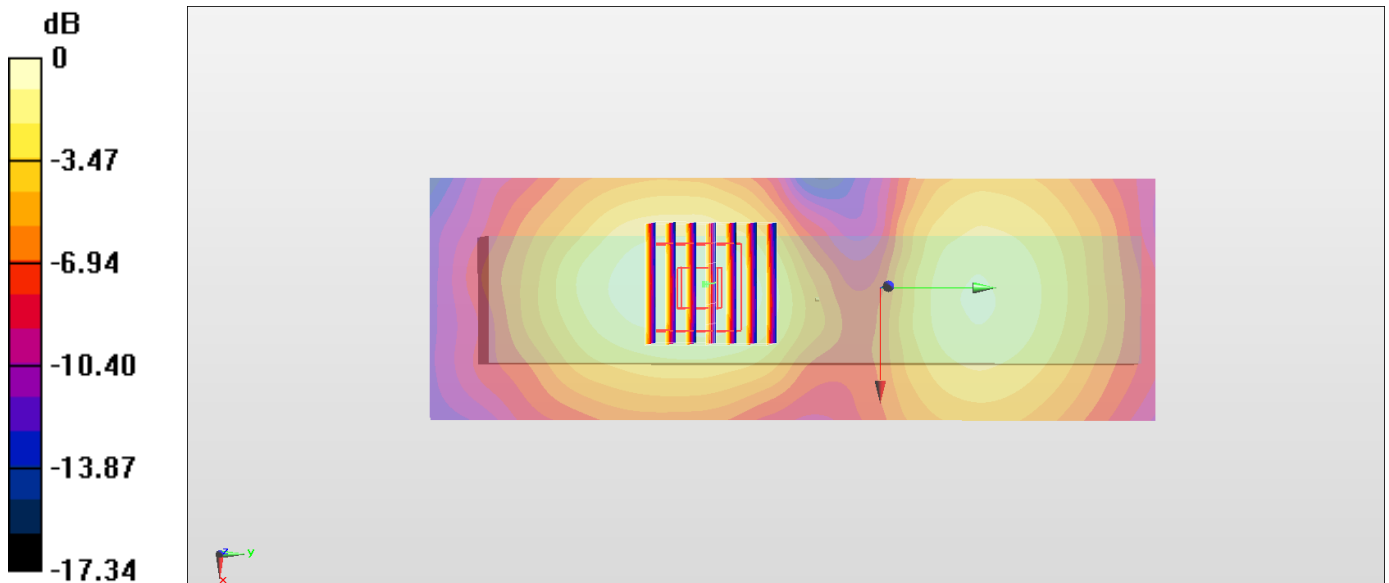
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm,dz=5mm

Reference Value = 8.333 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.190 W/kg

**SAR(1 g) = 0.106 W/kg; SAR(10 g) = 0.062 W/kg**

Maximum value of SAR (measured) = 0.158 W/kg



0 dB = 0.158 W/kg = -8.01 dBW/kg

## #02\_WLAN2.4Ghz\_802.11b 1Mbps\_Side 3\_0mm\_Ch1

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

Medium: MSL\_2450\_160613 Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.882 \text{ S/m}$ ;  $\epsilon_r = 52.262$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.2 \text{ }^\circ\text{C}$ ; Liquid Temperature :  $22.2 \text{ }^\circ\text{C}$

### DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(7.53, 7.53, 7.53); Calibrated: 2015/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2016/5/12
- 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 (51x141x1):** Interpolated grid:  $dx=1.200 \text{ mm}$ ,  $dy=1.200 \text{ mm}$

Maximum value of SAR (interpolated) =  $2.54 \text{ W/kg}$

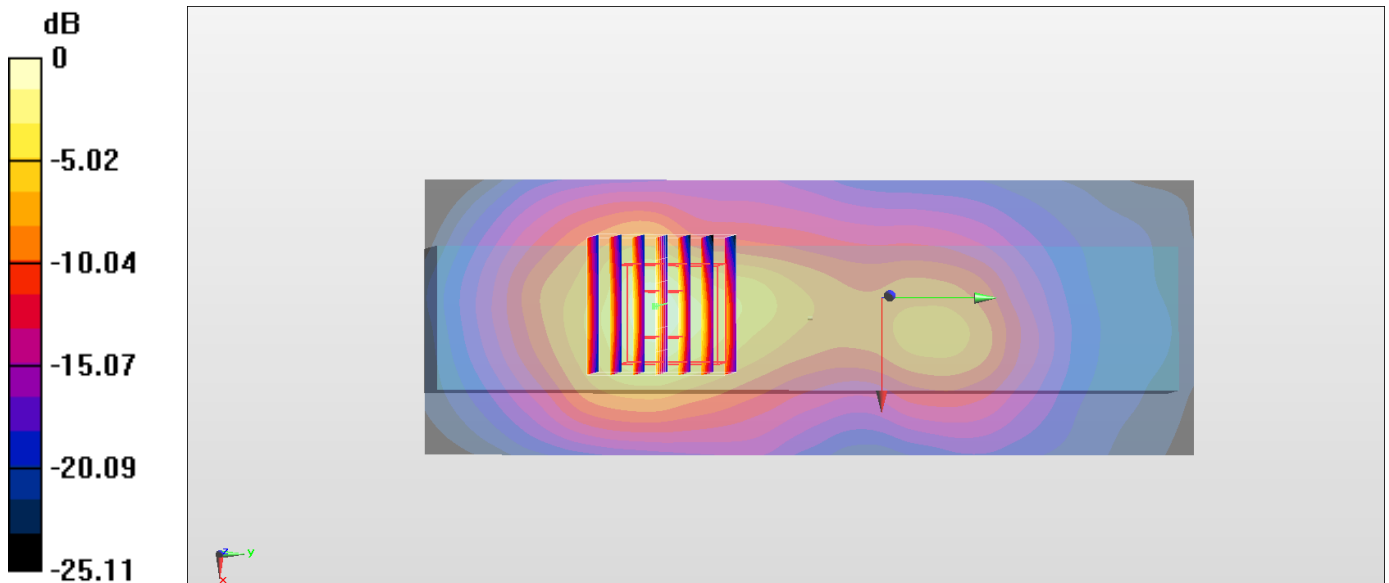
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $33.32 \text{ V/m}$ ; Power Drift =  $-0.11 \text{ dB}$

Peak SAR (extrapolated) =  $3.50 \text{ W/kg}$

**SAR(1 g) =  $1.62 \text{ W/kg}$ ; SAR(10 g) =  $0.661 \text{ W/kg}$**

Maximum value of SAR (measured) =  $2.76 \text{ W/kg}$



0 dB =  $2.76 \text{ W/kg} = 4.41 \text{ dBW/kg}$