

#01_WLAN 2.4GHz_802.11b 1Mbps_Back_1.5cm_Ch6

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

Medium: MSL_2450_140321 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.996$ S/m; $\epsilon_r = 53.979$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(7.34, 7.34, 7.34); Calibrated: 2013/11/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/1/30
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch6/Area Scan (61x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.206 W/kg

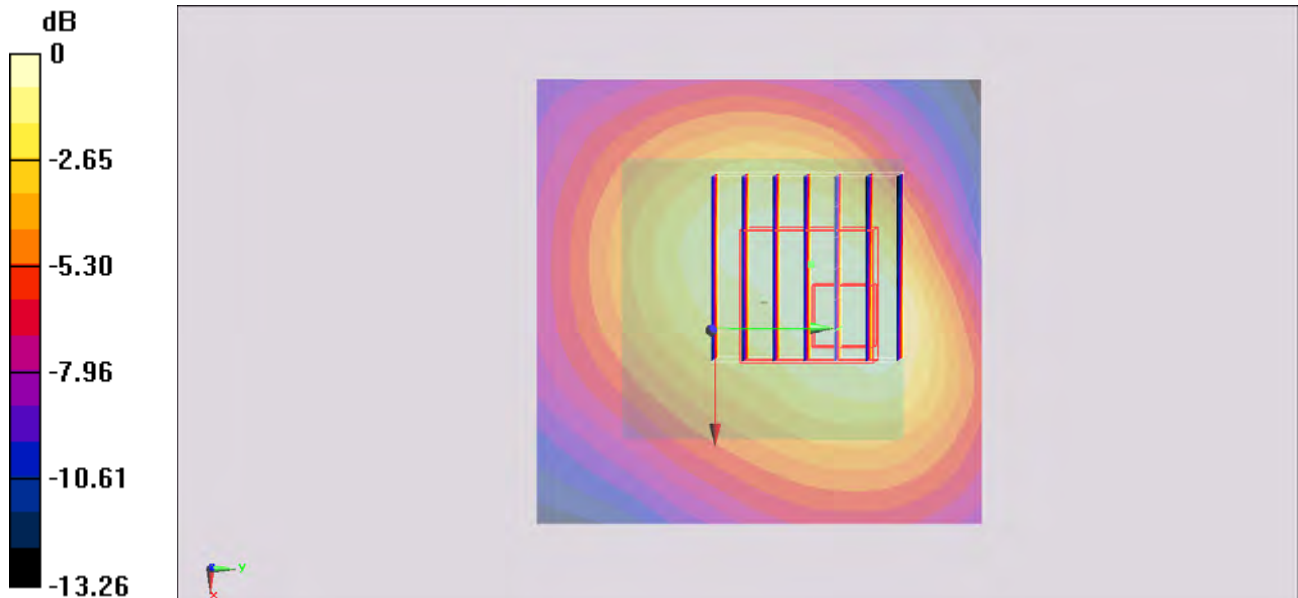
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.937 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.270 W/kg

SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.087 W/kg

Maximum value of SAR (measured) = 0.204 W/kg



0 dB = 0.204 W/kg = -6.90 dBW/kg

#02_WLAN 5GHz_802.11a 6Mbps_Right Side_1.5cm_Ch161

Communication System: 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1

Medium: MSL_5G_140320 Medium parameters used: $f = 5805 \text{ MHz}$; $\sigma = 6.192 \text{ S/m}$; $\epsilon_r = 46.422$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.6 \text{ }^\circ\text{C}$; Liquid Temperature : $22.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(4.08, 4.08, 4.08); Calibrated: 2013/11/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/1/30
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch161/Area Scan (71x71x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 1.13 W/kg

Configuration/Ch161/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$,

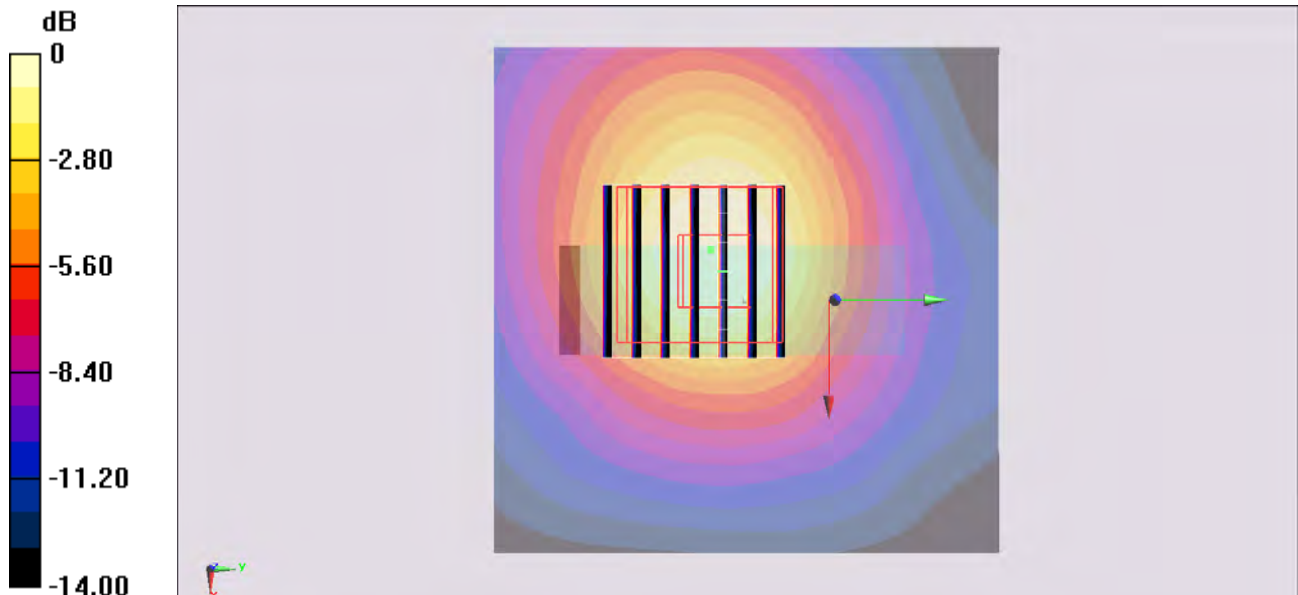
$dz=1.4\text{mm}$

Reference Value = 14.504 V/m ; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.84 W/kg

SAR(1 g) = 0.453 W/kg ; SAR(10 g) = 0.195 W/kg

Maximum value of SAR (measured) = 1.01 W/kg



0 dB = $1.01 \text{ W/kg} = 0.04 \text{ dBW/kg}$

#03_WLAN 5GHz_802.11ac-HT80 MCS0_Back_1.5cm_Ch42

Communication System: 802.11ac; Frequency: 5210 MHz; Duty Cycle: 1:1
 Medium: MSL_5G_140320 Medium parameters used: $f = 5210 \text{ MHz}$; $\sigma = 5.29 \text{ S/m}$; $\epsilon_r = 47.467$; $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : $23.6 \text{ }^\circ\text{C}$; Liquid Temperature : $22.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(4.52, 4.52, 4.52); Calibrated: 2013/11/4;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2014/1/30
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch42/Area Scan (81x81x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
 Maximum value of SAR (interpolated) = 1.27 W/kg

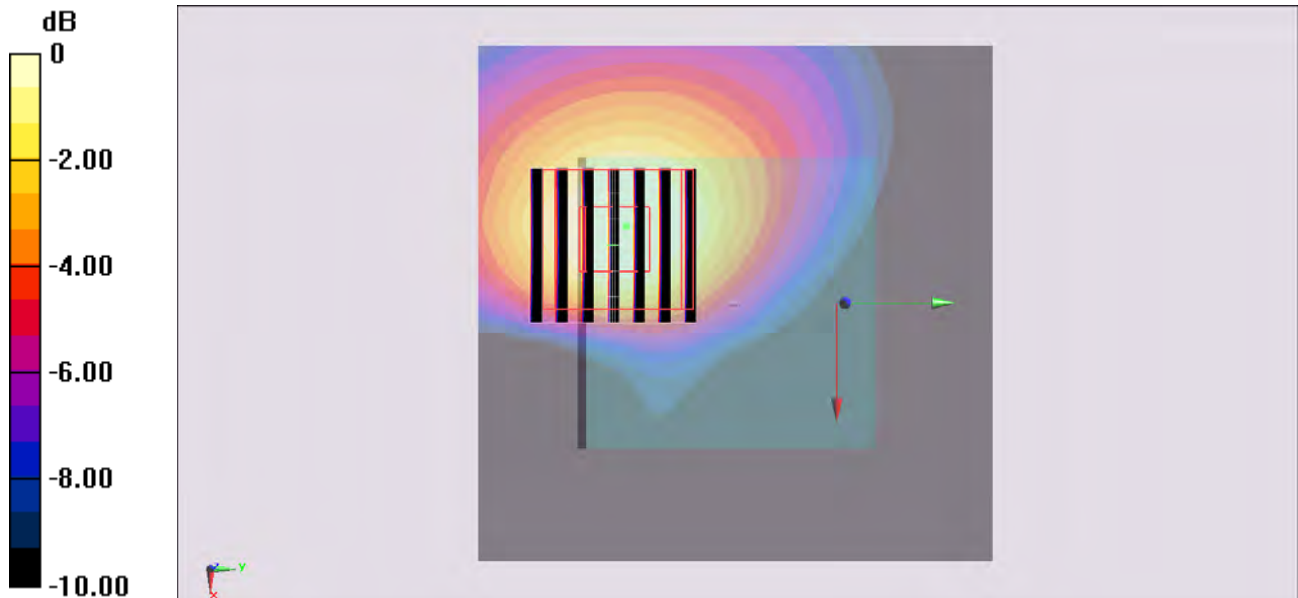
Configuration/Ch42/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 15.668 V/m ; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.76 W/kg

SAR(1 g) = 0.505 W/kg ; SAR(10 g) = 0.220 W/kg

Maximum value of SAR (measured) = 1.08 W/kg



$0 \text{ dB} = 1.08 \text{ W/kg} = 0.33 \text{ dBW/kg}$