

#01_WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ch6

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1.015

Medium: MSL_2450_161222 Medium parameters used : $f = 2437$ MHz; $\sigma = 1.992$ S/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.28, 4.28, 4.28); Calibrated: 2016/8/26;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2016/5/12
- Phantom: ELI 5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Area Scan (41x51x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 1.33 W/kg

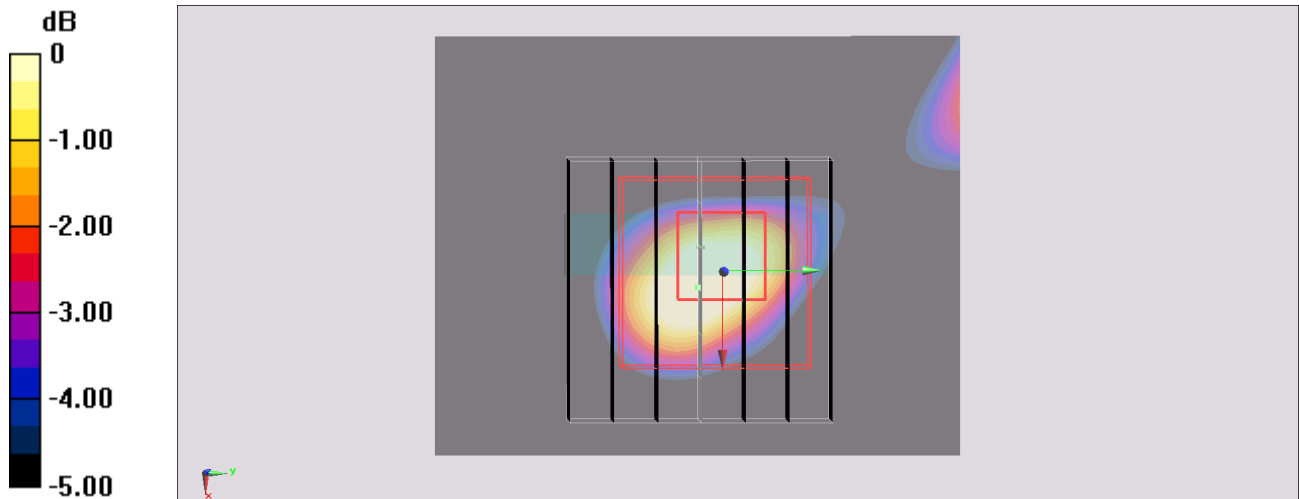
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 23.87 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.86 W/kg

SAR(1 g) = 0.751 W/kg; SAR(10 g) = 0.309 W/kg

Maximum value of SAR (measured) = 1.04 W/kg



0 dB = 1.04 W/kg = 0.17 dBW/kg

#02_WLAN5GHz_802.11ac-VHT40 MCS0_Back_5mm_Ch54

Communication System: 802.11ac; Frequency: 5270 MHz; Duty Cycle: 1:1.001

Medium: MSL_5G_170202 Medium parameters used: $f = 5270$ MHz; $\sigma = 5.492$ S/m; $\epsilon_r = 47.312$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(4.51, 4.51, 4.51); Calibrated: 2016/11/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- 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 (51x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.35 W/kg

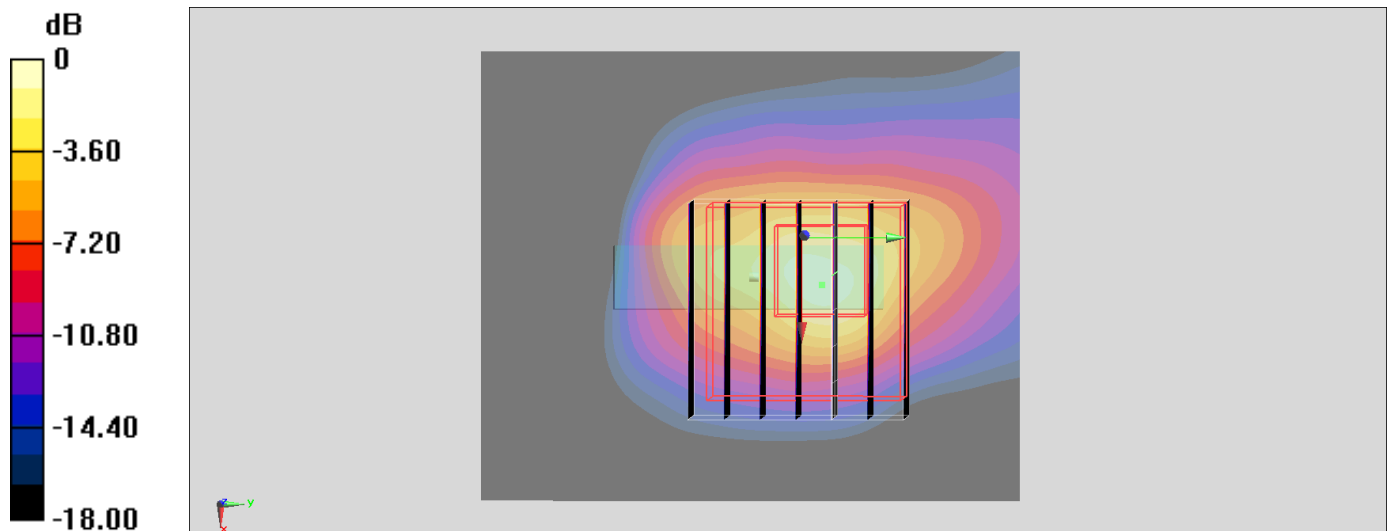
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 16.46 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.77 W/kg

SAR(1 g) = 0.583 W/kg; SAR(10 g) = 0.151 W/kg

Maximum value of SAR (measured) = 1.53 W/kg



0 dB = 1.53 W/kg = 1.85 dBW/kg

#03_WLAN5GHz_802.11ac-VHT80 MCS0_Front_5mm_Ch138

Communication System: 802.11ac; Frequency: 5690 MHz; Duty Cycle: 1:1.009

Medium: MSL_5G_161227 Medium parameters used: $f = 5690$ MHz; $\sigma = 6.062$ S/m; $\epsilon_r = 46.062$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(3.91, 3.91, 3.91); 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 (51x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.73 W/kg

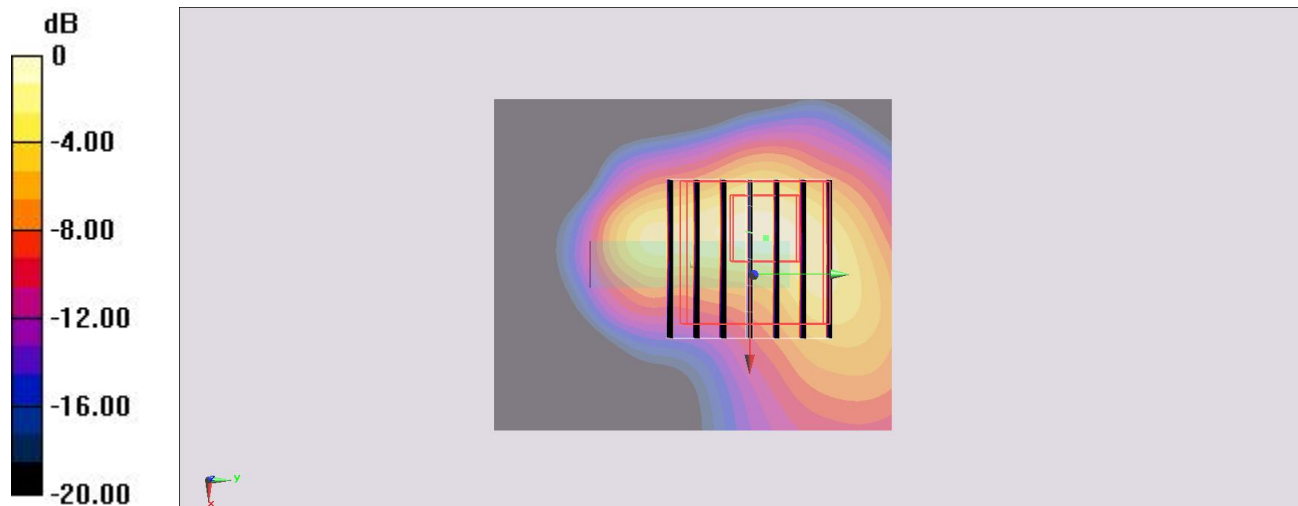
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.75 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 3.86 W/kg

SAR(1 g) = 0.734 W/kg; SAR(10 g) = 0.221 W/kg

Maximum value of SAR (measured) = 1.95 W/kg



0 dB = 1.95 W/kg = 2.90 dBW/kg

#04_WLAN5GHz_802.11ac-VHT80 MCS0_Back_5mm_Ch155

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.009

Medium: MSL_5G_170202 Medium parameters used: $f = 5775$ MHz; $\sigma = 6.169$ S/m; $\epsilon_r = 46.492$; $\rho = 1000$ kg/m³

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

Area Scan (51x61x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

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

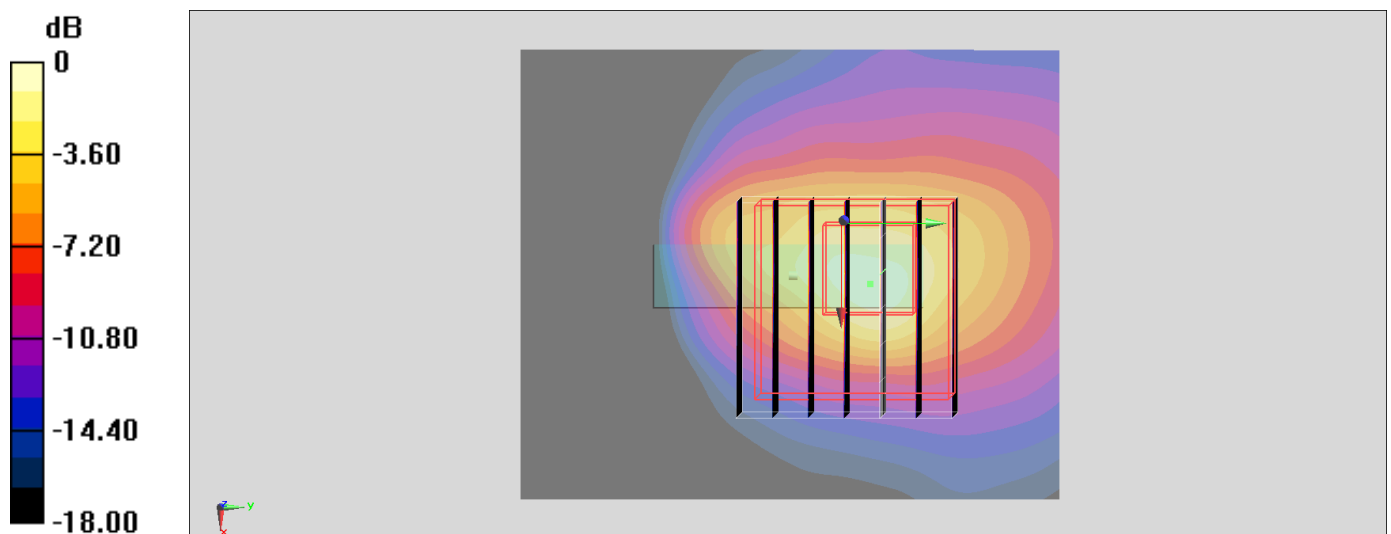
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 15.24 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 3.42 W/kg

SAR(1 g) = 0.626 W/kg; SAR(10 g) = 0.162 W/kg

Maximum value of SAR (measured) = 1.72 W/kg



0 dB = 1.72 W/kg = 2.36 dBW/kg

#05_Bluetooth_1Mbps_Back_5mm_Ch78

Communication System: Bluetooth ; Frequency: 2480 MHz;Duty Cycle: 1:1.2

Medium: MSL_2450_161228 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.991$ S/m; $\epsilon_r = 52.865$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(7.64, 7.64, 7.64); Calibrated: 2016/5/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (41x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.212 W/kg

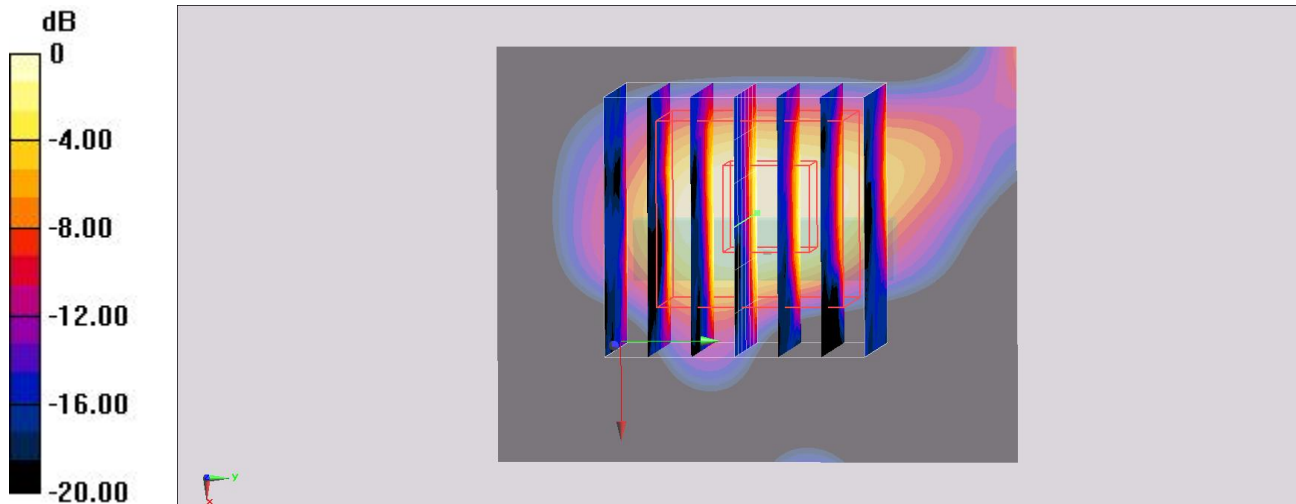
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.357 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.178 W/kg

SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.018 W/kg

Maximum value of SAR (measured) = 0.0950 W/kg



0 dB = 0.0950 W/kg = -10.22 dBW/kg