

#01_WLAN2.4GHz_802.11b 1Mbps_Left Side_5mm_Ch1

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1.023

Medium: MSL_2450_190123 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.927$ S/m; $\epsilon_r = 52.479$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.4, 4.4, 4.4) ; Calibrated: 2018/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: SAM_Right; Type: SAM; Serial: TP:1479
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (71x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.298 W/kg

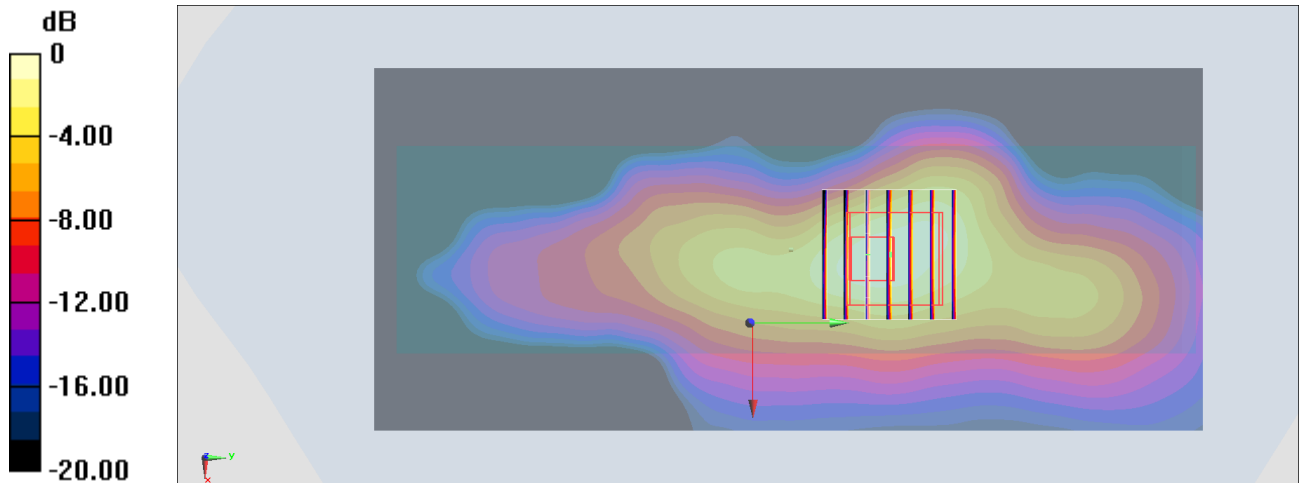
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.28 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.564 W/kg

SAR(1 g) = 0.246 W/kg; SAR(10 g) = 0.122 W/kg

Maximum value of SAR (measured) = 0.321 W/kg



0 dB = 0.321 W/kg = -4.93 dBW/kg

#02_WLAN5GHz_802.11a 6Mbps_Left Side_5mm_Ch56

Communication System: 802.11a ; Frequency: 5280 MHz;Duty Cycle: 1:1

Medium: MSL_5G_190131 Medium parameters used: $f = 5280$ MHz; $\sigma = 5.471$ S/m; $\epsilon_r = 48.433$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7515; ConvF(4.96, 4.96, 4.96) ; Calibrated: 2018/10/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn918; Calibrated: 2018/6/20
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (81x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.39 W/kg

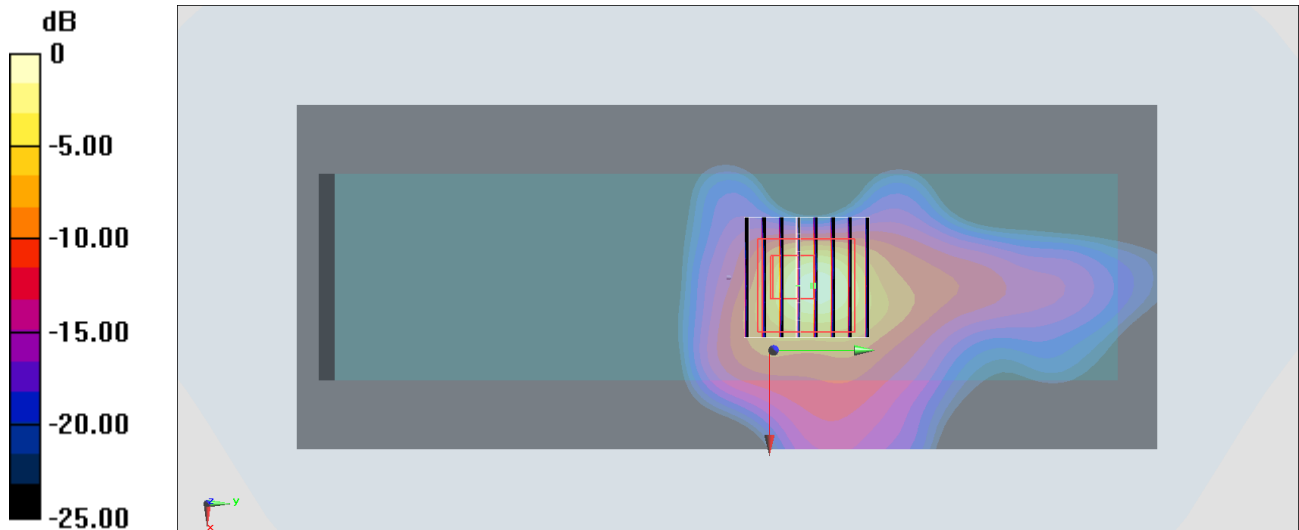
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.75 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 2.70 W/kg

SAR(1 g) = 0.658 W/kg; SAR(10 g) = 0.180 W/kg

Maximum value of SAR (measured) = 1.60 W/kg



0 dB = 1.60 W/kg = 2.04 dBW/kg

#03_WLAN5GHz_802.11a 6Mbps_Left Side_5mm_Ch116

Communication System: 802.11a ; Frequency: 5580 MHz;Duty Cycle: 1:1

Medium: MSL_5G_190131 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.872$ S/m; $\epsilon_r = 47.961$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7515; ConvF(4.39, 4.39, 4.39) ; Calibrated: 2018/10/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn918; Calibrated: 2018/6/20
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (81x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.25 W/kg

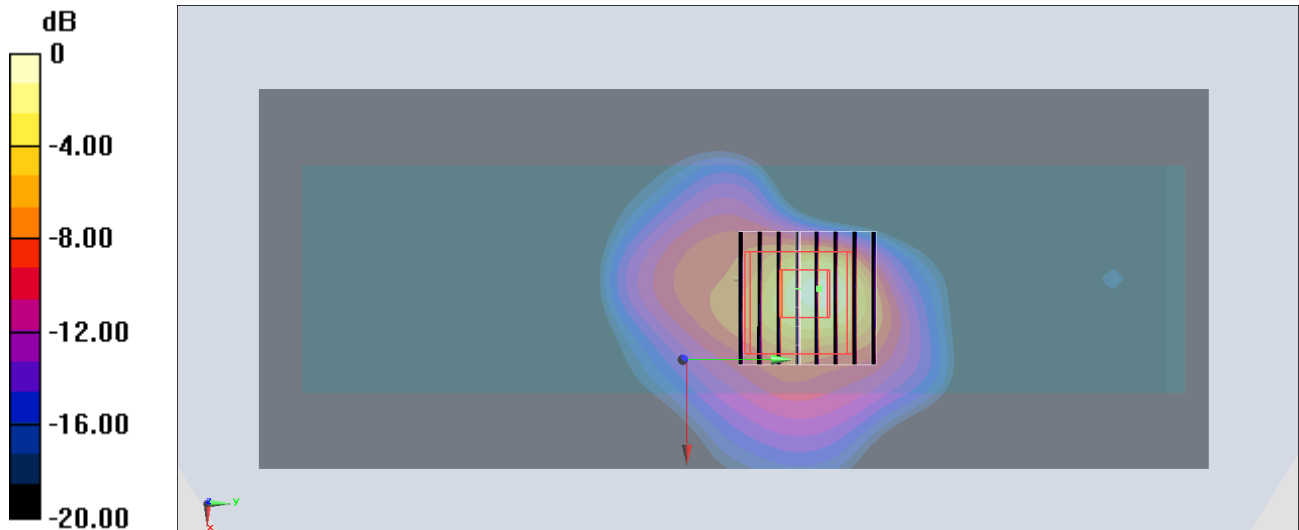
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.926 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.55 W/kg

SAR(1 g) = 0.563 W/kg; SAR(10 g) = 0.154 W/kg

Maximum value of SAR (measured) = 1.46 W/kg



0 dB = 1.46 W/kg = 1.64 dBW/kg

#04_WLAN5GHz_802.11a 6Mbps_Left Side_5mm_Ch157

Communication System: 802.11a ; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL_5G_190131 Medium parameters used : $f = 5785$ MHz; $\sigma = 6.162$ S/m; $\epsilon_r = 47.64$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7515; ConvF(4.42, 4.42, 4.42) ; Calibrated: 2018/10/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn918; Calibrated: 2018/6/20
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (81x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.00 W/kg

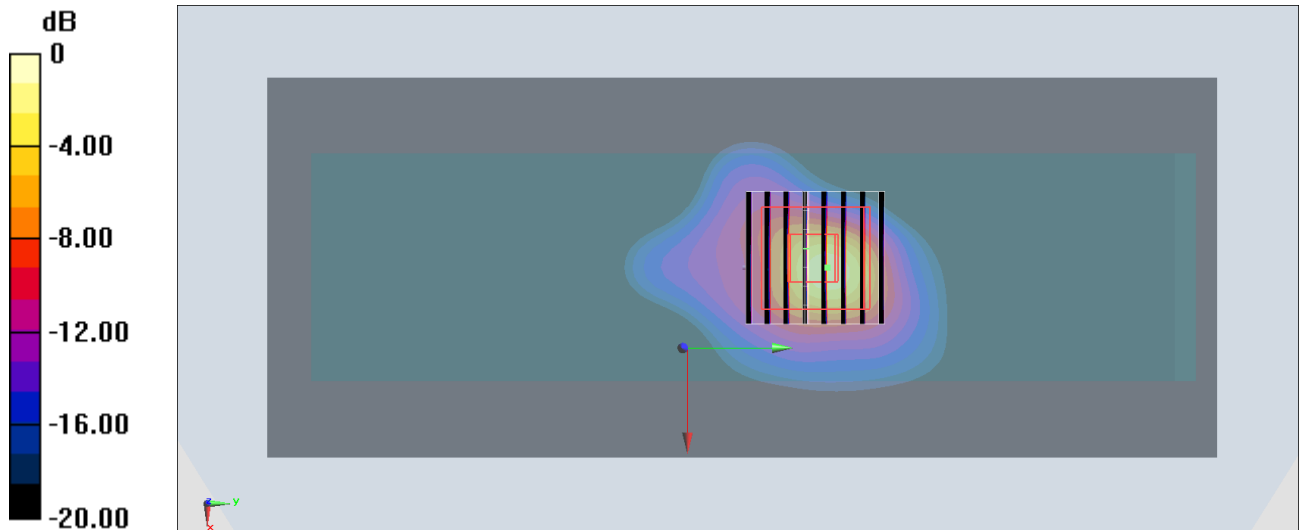
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 12.14 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 4.13 W/kg

SAR(1 g) = 0.521 W/kg; SAR(10 g) = 0.126 W/kg

Maximum value of SAR (measured) = 1.45 W/kg



0 dB = 1.45 W/kg = 1.61 dBW/kg

#05_Bluetooth_1Mbps_Left Side_5mm_Ch78

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.303

Medium: MSL_2450_190123 Medium parameters used: $f = 2480$ MHz; $\sigma = 2.021$ S/m; $\epsilon_r = 52.22$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.4, 4.4, 4.4) ; Calibrated: 2018/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1326; Calibrated: 2018/9/18
- Phantom: SAM_Right; Type: SAM; Serial: TP:1479
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (71x161x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.126 W/kg

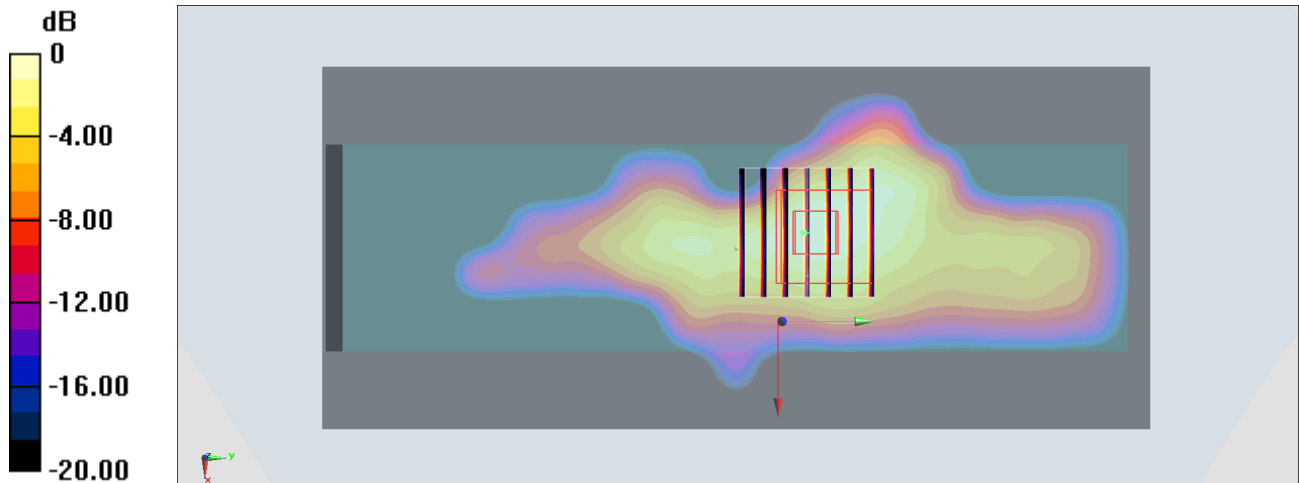
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 6.822 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.199 W/kg

SAR(1 g) = 0.088 W/kg; SAR(10 g) = 0.040 W/kg

Maximum value of SAR (measured) = 0.117 W/kg



0 dB = 0.117 W/kg = -9.32 dBW/kg