

#01_WLAN2.4GHz_802.11b 1Mbps_Edge 1_0mm_Ch6

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1.012

Medium: MSL_2450_180726 Medium parameters used : $f = 2437$ MHz; $\sigma = 1.991$ S/m; $\epsilon_r = 53.606$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.39, 4.39, 4.39); Calibrated: 2017/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2018/5/25
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1164
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (61x141x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

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

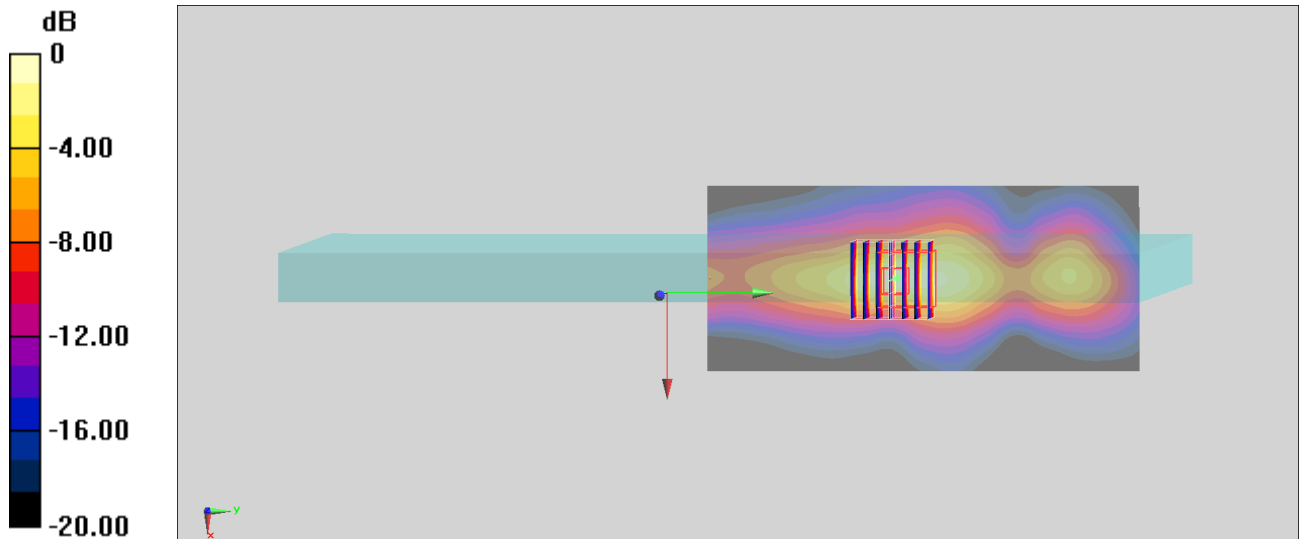
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 23.93 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.29 W/kg

SAR(1 g) = 0.872 W/kg; SAR(10 g) = 0.380 W/kg

Maximum value of SAR (measured) = 1.24 W/kg



0 dB = 1.24 W/kg = 0.93 dBW/kg

#02_WLAN5GHz_802.11a 6Mbps_Edge 1_0mm_Ch56

Communication System: 802.11a; Frequency: 5280 MHz; Duty Cycle: 1:1.069

Medium: MSL_5G_180824 Medium parameters used: $f = 5280$ MHz; $\sigma = 5.38$ S/m; $\epsilon_r = 47.243$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.8, 4.8, 4.8); Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.829 W/kg

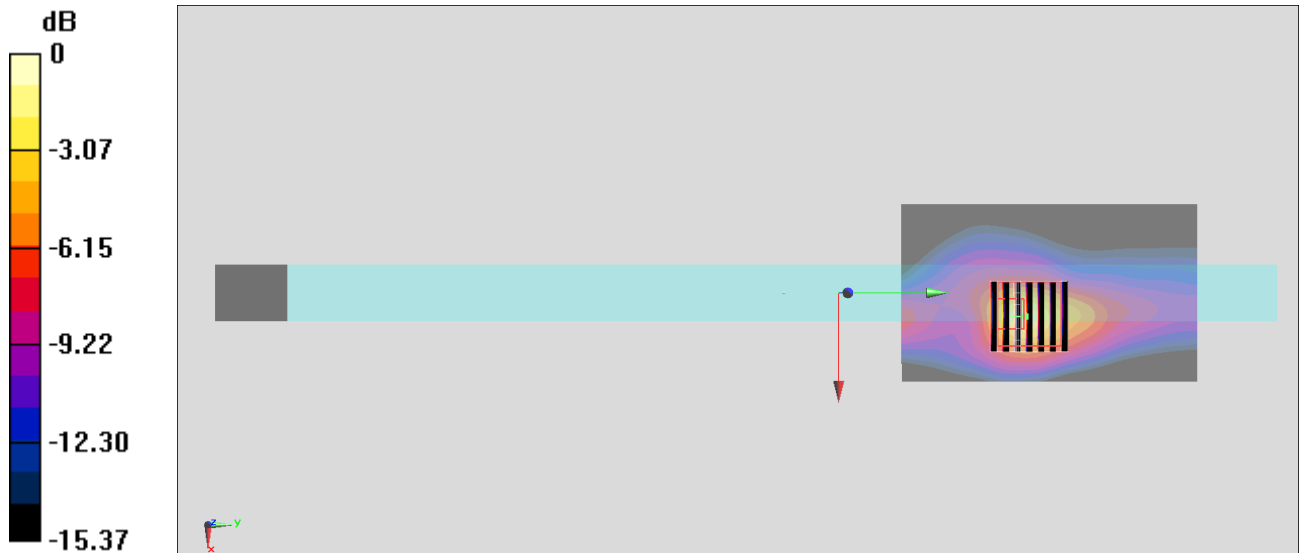
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.98 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.85 W/kg

SAR(1 g) = 0.417 W/kg; SAR(10 g) = 0.110 W/kg

Maximum value of SAR (measured) = 1.07 W/kg



0 dB = 1.07 W/kg = 0.29 dBW/kg

#03_WLAN5GHz_802.11a 6Mbps_Edge 1_0mm_Ch132

Communication System: 802.11a; Frequency: 5660 MHz; Duty Cycle: 1:1.069

Medium: MSL_5G_180824 Medium parameters used: $f = 5660$ MHz; $\sigma = 5.884$ S/m; $\epsilon_r = 46.733$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.03, 4.03, 4.03) ; Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (81x141x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.609 W/kg

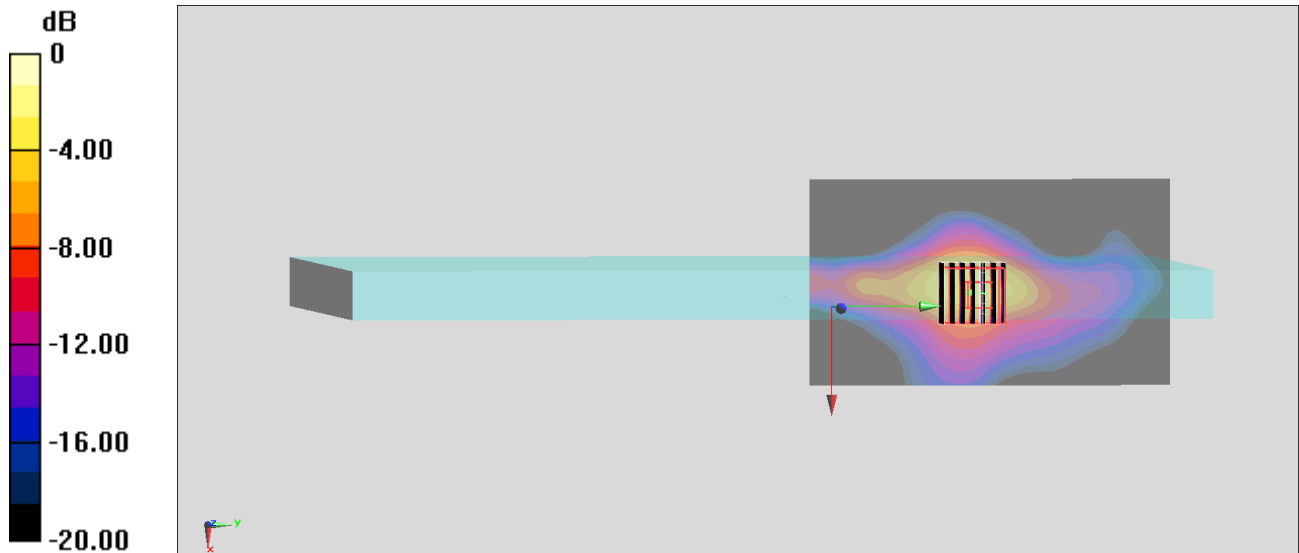
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 13.78 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.91 W/kg

SAR(1 g) = 0.425 W/kg; SAR(10 g) = 0.109 W/kg

Maximum value of SAR (measured) = 1.12 W/kg



0 dB = 1.12 W/kg = 0.49 dBW/kg

#04_WLAN5GHz_802.11a 6Mbps_Edge 1_0mm_Ch157

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1.069

Medium: MSL_5G_180824 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.02$ S/m; $\epsilon_r = 46.635$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.37, 4.37, 4.37); Calibrated: 2018/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2018/7/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (71x141x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.907 W/kg

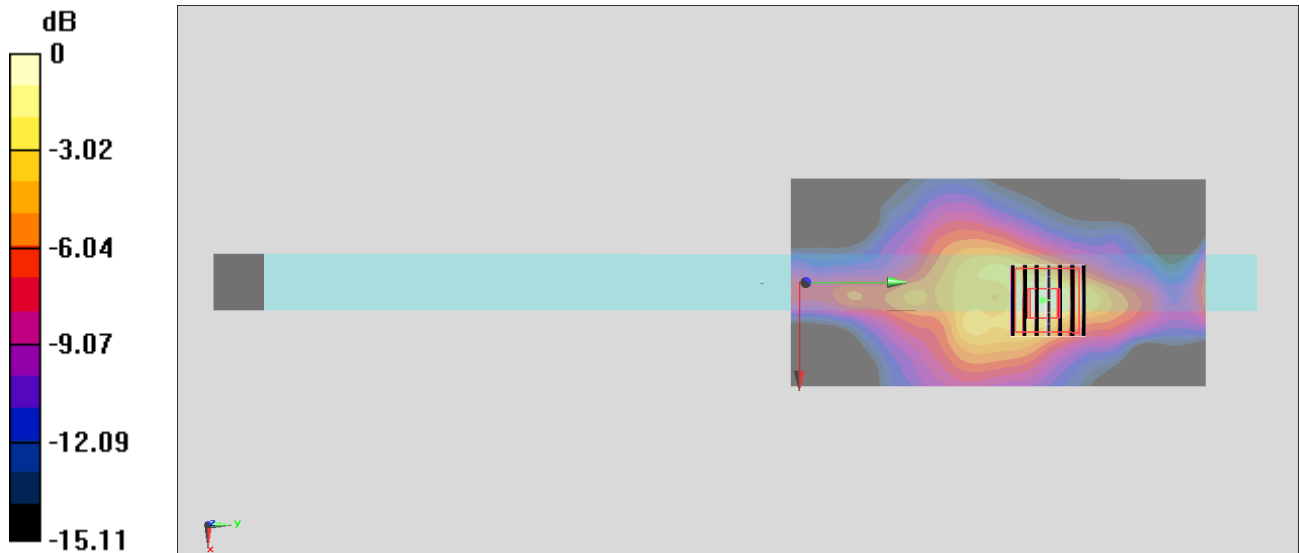
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.40 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.77 W/kg

SAR(1 g) = 0.388 W/kg; SAR(10 g) = 0.130 W/kg

Maximum value of SAR (measured) = 0.969 W/kg



#05_Bluetooth_1Mbps_Edge 1_0mm_Ch78

Communication System: Bluetooth ; Frequency: 2480 MHz; Duty Cycle: 1:1.305

Medium: MSL_2450_180726 Medium parameters used: $f = 2480$ MHz; $\sigma = 2.046$ S/m; $\epsilon_r = 53.456$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.39, 4.39, 4.39); Calibrated: 2017/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2018/5/25
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1164
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (61x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0323 W/kg

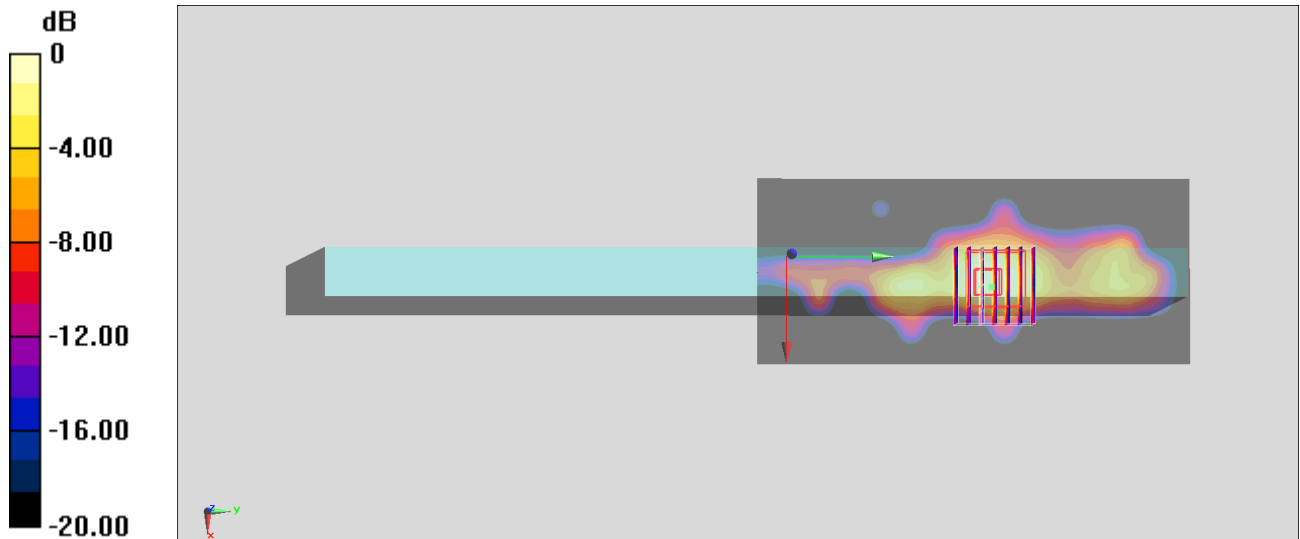
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.358 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.0480 W/kg

SAR(1 g) = 0.020 W/kg; SAR(10 g) = 0.00947 W/kg

Maximum value of SAR (measured) = 0.0261 W/kg



0 dB = 0.0261 W/kg = -15.83 dBW/kg