

#01_WLAN2.4GHz_802.11b 1Mbps_Bottom Face_0mm_Ch1;Ant 1

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1.01

Medium: MSL_2450_180705 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.939$ S/m; $\epsilon_r = 51.651$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(7.73, 7.73, 7.73); Calibrated: 2017/7/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2018/5/24
- Phantom: ELI v4.0_Left; Type: QDOVA001BB; Serial: TP:1029
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7437)

Area Scan (101x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.253 W/kg

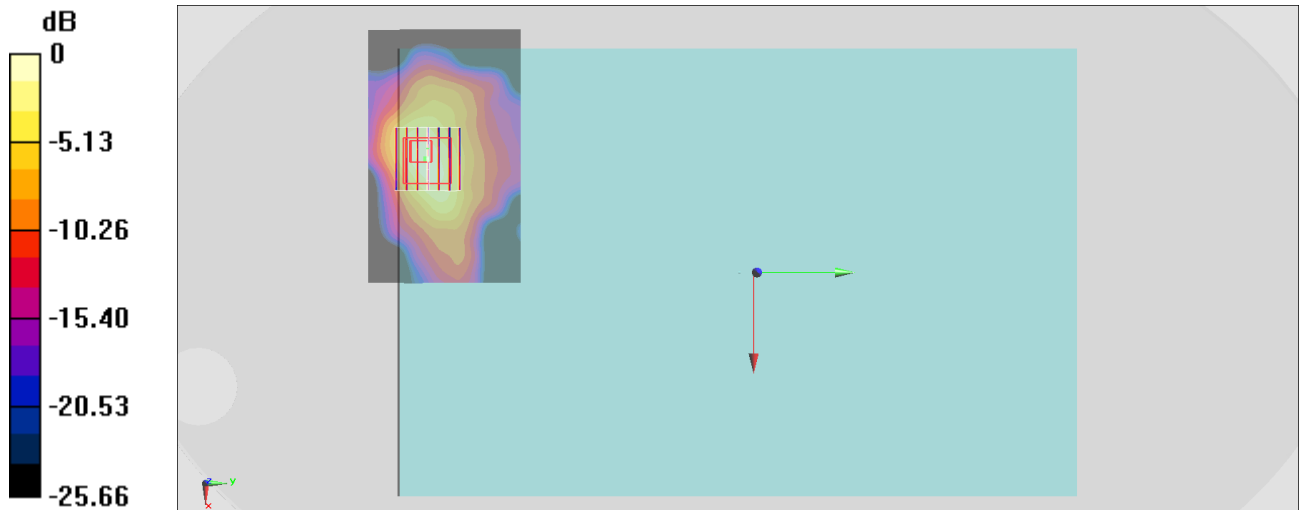
ConfigZoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.07 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.327 W/kg

SAR(1 g) = 0.142 W/kg; SAR(10 g) = 0.063 W/kg

Maximum value of SAR (measured) = 0.248 W/kg



0 dB = 0.248 W/kg = -6.06 dBW/kg

#02_WLAN5GHz_802.11ac-VHT80 MCS0_Edge 3_0mm_Ch58;Ant 2

Communication System: 802.11ac; Frequency: 5290 MHz; Duty Cycle: 1:1.066

Medium: MSL_5G_180704 Medium parameters used: $f = 5290$ MHz; $\sigma = 5.313$ S/m; $\epsilon_r = 47.804$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(5.05, 5.05, 5.05); Calibrated: 2017/7/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2018/5/24
- Phantom: ELI v4.0_Left; Type: QDOVA001BB; Serial: TP:1029
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7437)

Area Scan (61x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.381 W/kg

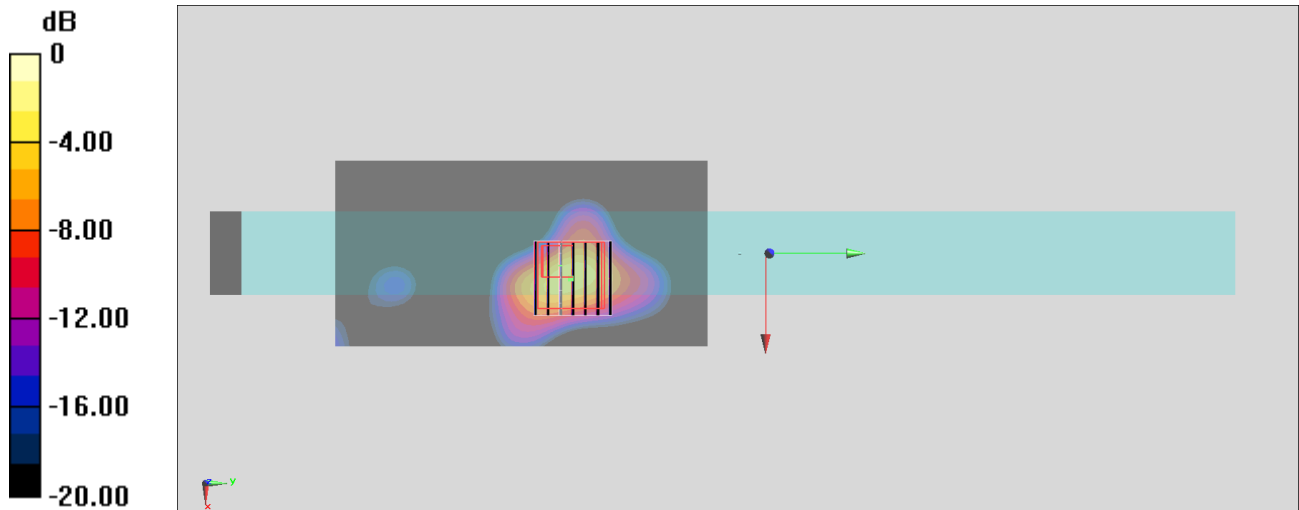
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.114 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 2.07 W/kg

SAR(1 g) = 0.300 W/kg; SAR(10 g) = 0.082 W/kg

Maximum value of SAR (measured) = 0.725 W/kg



0 dB = 0.725 W/kg = -1.40 dBW/kg

#03_WLAN5GHz_802.11ac-VHT80 MCS0_Edge 3_0mm_Ch138;Ant 2

Communication System: 802.11ac; Frequency: 5690 MHz; Duty Cycle: 1:1.066

Medium: MSL_5G_180704 Medium parameters used: $f = 5690$ MHz; $\sigma = 5.832$ S/m; $\epsilon_r = 47.194$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.47, 4.47, 4.47); Calibrated: 2017/7/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2018/5/24
- Phantom: ELI v4.0_Left; Type: QDOVA001BB; Serial: TP:1029
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7437)

Area Scan (61x121x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.359 W/kg

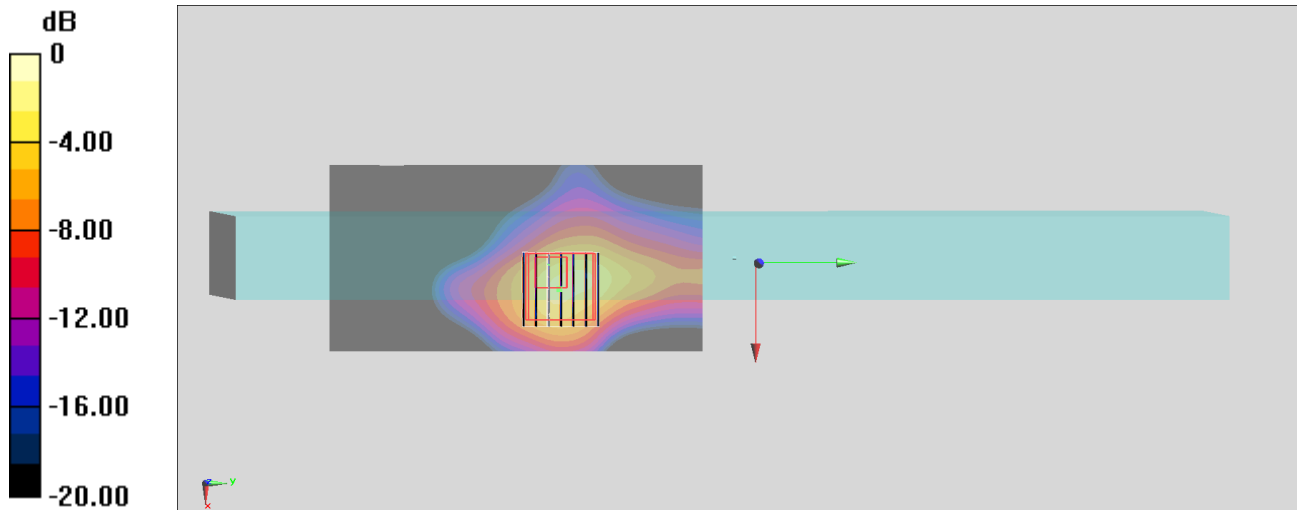
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 8.412 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.236 W/kg; SAR(10 g) = 0.067 W/kg

Maximum value of SAR (measured) = 0.598 W/kg



0 dB = 0.598 W/kg = -2.23 dBW/kg

#04_WLAN5GHz_802.11ac-VHT80 MCS0_Edge 4_0mm_Ch155;Ant 1

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.07

Medium: MSL_5G_180704 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.945$ S/m; $\epsilon_r = 47.051$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.47, 4.47, 4.47); Calibrated: 2017/7/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2018/5/24
- Phantom: ELI v4.0_Left; Type: QDOVA001BB; Serial: TP:1029
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7437)

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

Maximum value of SAR (interpolated) = 0.568 W/kg

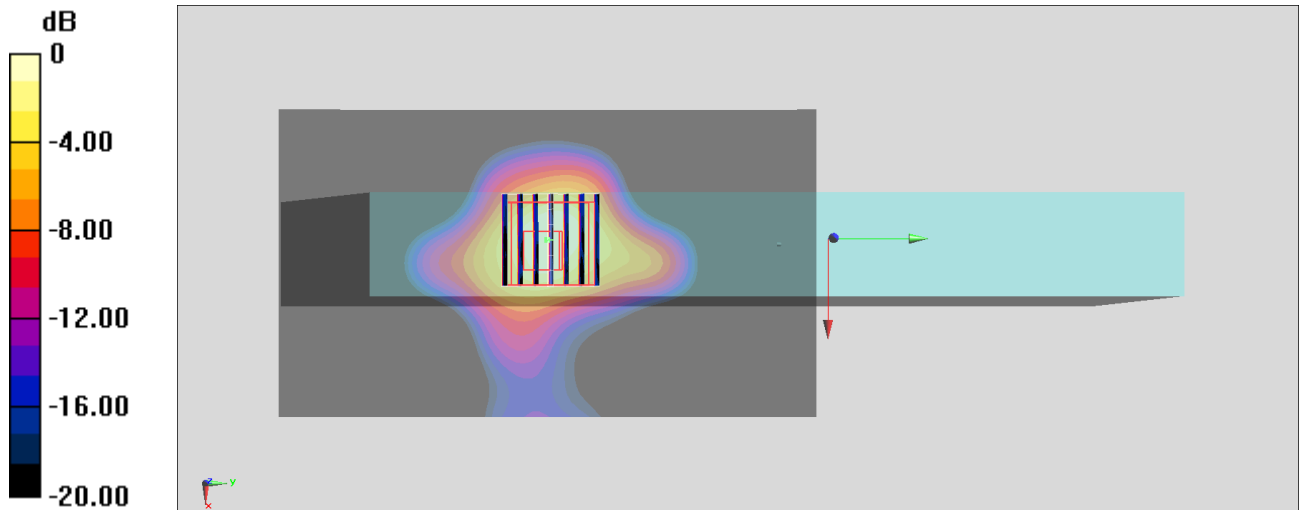
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.576 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.709 W/kg

SAR(1 g) = 0.167 W/kg; SAR(10 g) = 0.054 W/kg

Maximum value of SAR (measured) = 0.423 W/kg



0 dB = 0.423 W/kg = -3.74 dBW/kg

#05_Bluetooth_1Mbps_Edge_3_0mm_Ch39;Ant 2

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.297

Medium: MSL_2450_180705 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.978$ S/m; $\epsilon_r = 51.541$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(7.73, 7.73, 7.73); Calibrated: 2017/7/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2018/5/24
- Phantom: ELI v4.0_Left; Type: QDOVA001BB; Serial: TP:1029
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7437)

Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0822 W/kg

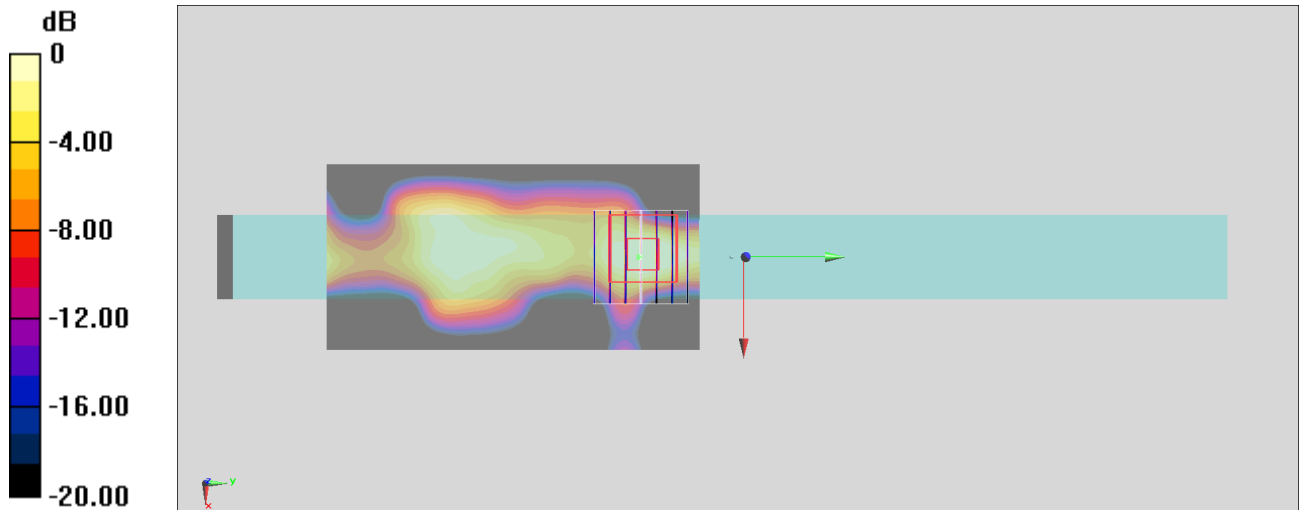
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.805 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.0790 W/kg

SAR(1 g) = 0.031 W/kg; SAR(10 g) = 0.011 W/kg

Maximum value of SAR (measured) = 0.0529 W/kg



0 dB = 0.0529 W/kg = -12.77 dBW/kg