

#01_WLAN2.4GHz_802.11b 1Mbps_Bottom Face_0mm_Ch6;Ant 0

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

Medium: HSL_2450_191229 Medium parameters used : $f = 2437$ MHz; $\sigma = 1.773$ S/m; $\epsilon_r = 39.499$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(7.32, 7.32, 7.32) @ 2437 MHz; Calibrated: 2019/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2019/6/13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x61x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 1.93 W/kg

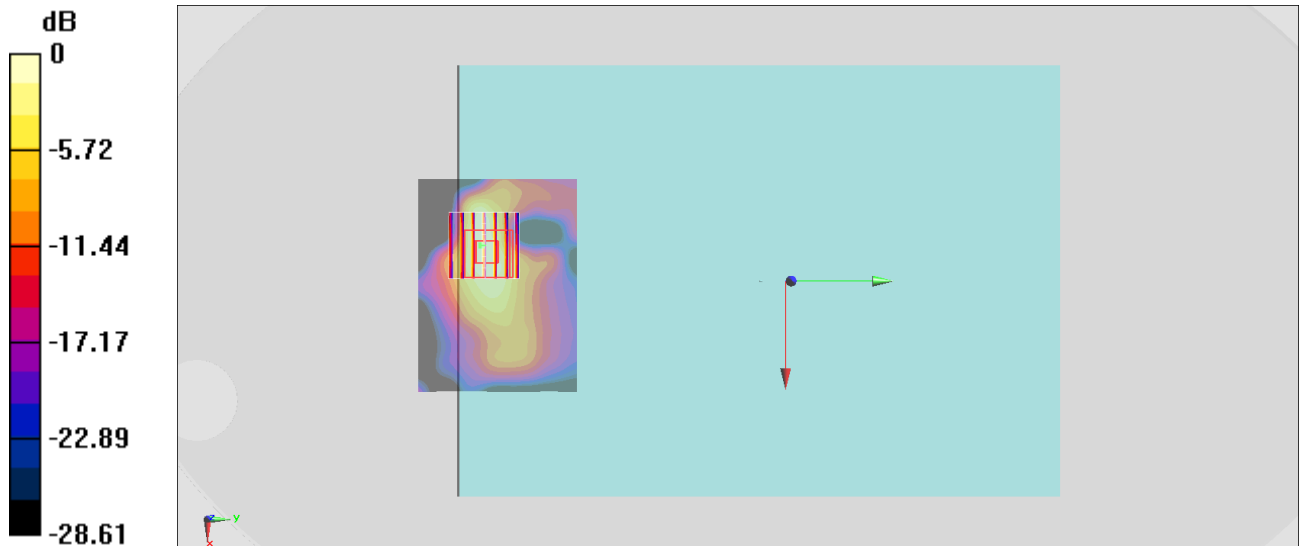
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 13.51 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.98 W/kg

SAR(1 g) = 0.872 W/kg; SAR(10 g) = 0.378 W/kg

Maximum value of SAR (measured) = 1.48 W/kg



0 dB = 1.48 W/kg = 1.70 dBW/kg

#02_WLAN5GHz_802.11n-HT40 MCS0_Edge 4_0mm_Ch54;Ant 0

Communication System: 802.11n; Frequency: 5270 MHz; Duty Cycle: 1:1.107

Medium: HSL_5G_191227 Medium parameters used: $f = 5270$ MHz; $\sigma = 4.582$ S/m; $\epsilon_r = 35.297$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(5.34, 5.34, 5.34) @ 5270 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.35 W/kg

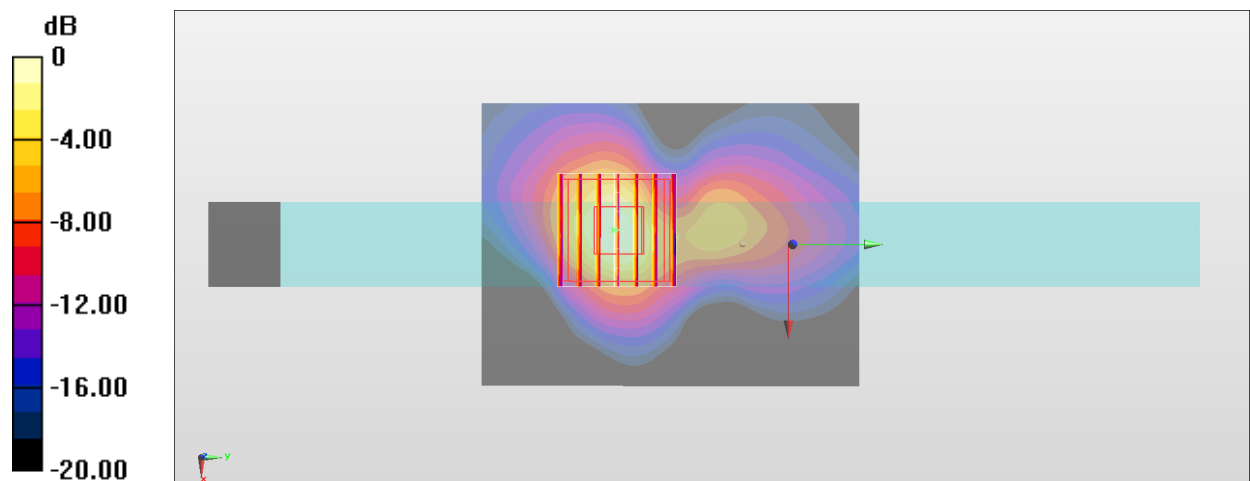
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 12.59 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 3.55 W/kg

SAR(1 g) = 0.931 W/kg; SAR(10 g) = 0.271 W/kg

Maximum value of SAR (measured) = 2.26 W/kg



0 dB = 2.35 W/kg = 3.71 dBW/kg

#03_WLAN5GHz_802.11ac-VHT80 MCS0_Edge 4_0mm_Ch122;Ant 0

Communication System: 802.11ac; Frequency: 5610 MHz; Duty Cycle: 1:1.115

Medium: HSL_5G_191227 Medium parameters used : $f = 5610$ MHz; $\sigma = 4.898$ S/m; $\epsilon_r = 34.696$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.79, 4.79, 4.79) @ 5610 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.49 W/kg

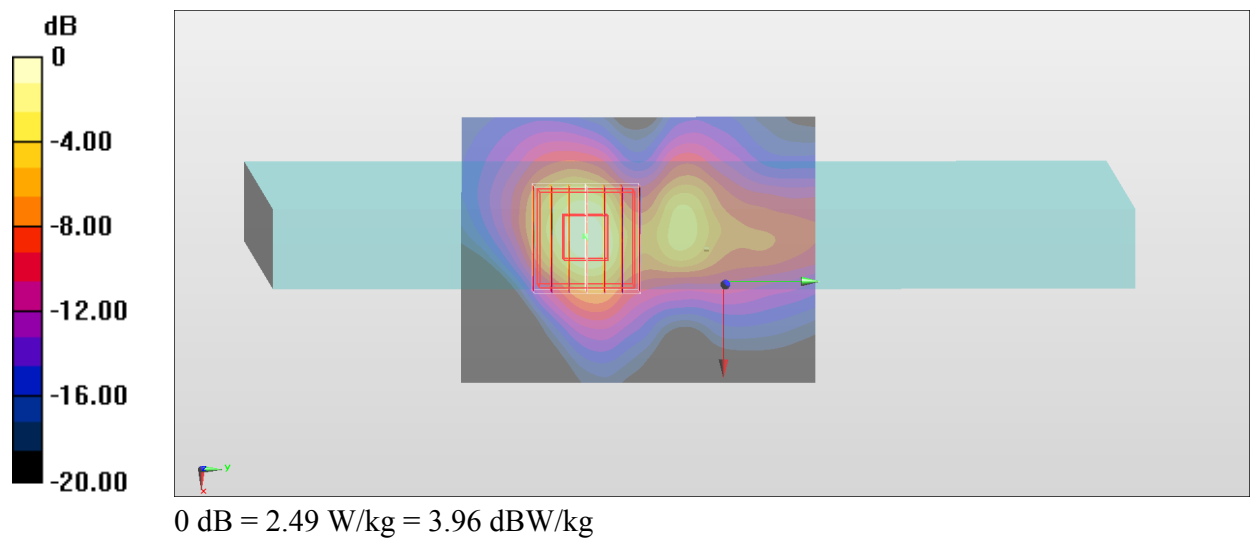
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 13.27 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 4.04 W/kg

SAR(1 g) = 0.984 W/kg; SAR(10 g) = 0.285 W/kg

Maximum value of SAR (measured) = 2.46 W/kg



#04_WLAN5GHz_802.11n-HT40 MCS0_Edge 4_0mm_Ch151;Ant 0

Communication System: 802.11n; Frequency: 5755 MHz; Duty Cycle: 1:1.107

Medium: HSL_5G_191227 Medium parameters used: $f = 5755$ MHz; $\sigma = 5.05$ S/m; $\epsilon_r = 34.792$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(4.93, 4.93, 4.93) @ 5755 MHz; Calibrated: 2019/7/22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1227
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.35 W/kg

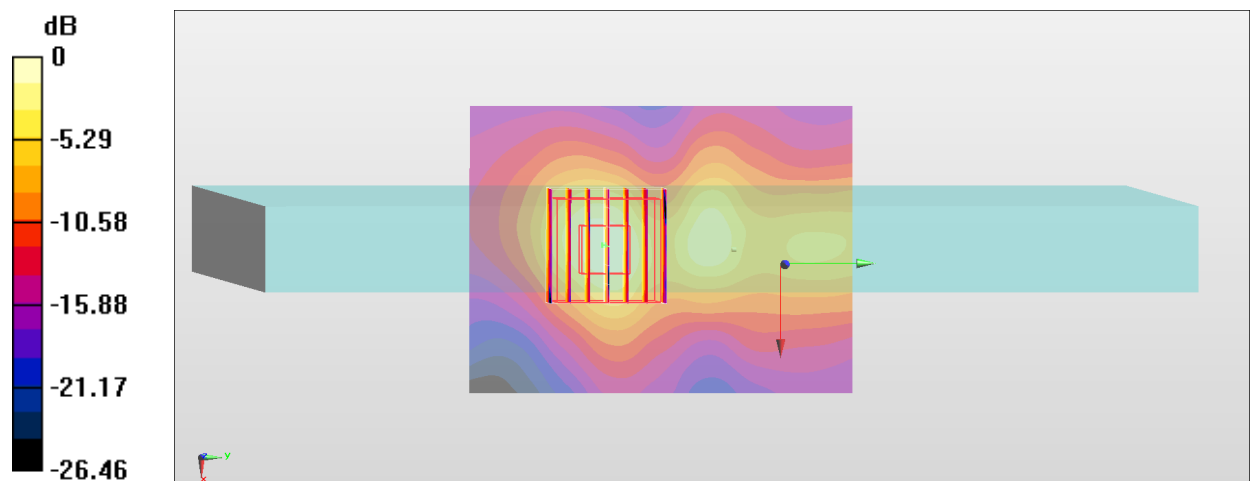
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.61 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 4.06 W/kg

SAR(1 g) = 0.936 W/kg; SAR(10 g) = 0.272 W/kg

Maximum value of SAR (measured) = 2.38 W/kg



#05_Bluetooth_1Mbps_Bottom Face_0mm_Ch78;Ant 0

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.297

Medium: HSL_2450_191229 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.801$ S/m; $\epsilon_r = 39.241$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(7.32, 7.32, 7.32) @ 2480 MHz; Calibrated: 2019/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2019/6/13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (81x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.297 W/kg

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

Reference Value = 6.992 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.497 W/kg

SAR(1 g) = 0.207 W/kg; SAR(10 g) = 0.086 W/kg

Maximum value of SAR (measured) = 0.377 W/kg

