

#01_WLAN2.4GHz_802.11b 1Mbps_Bottom of Laptop_0mm_Ch11;Ant 2

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1.019

Medium: HSL_2450_211114 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.786$ S/m; $\epsilon_r = 38.124$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3642; ConvF(7.43, 7.43, 7.43) @ 2462 MHz; Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2021/5/21
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1025
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x101x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 2.06 W/kg

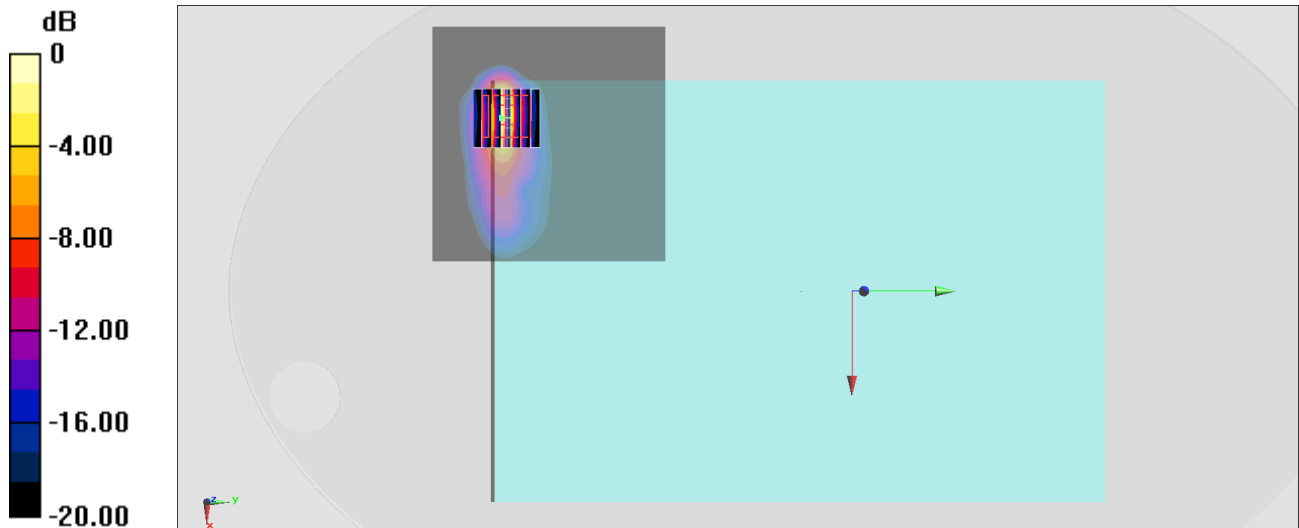
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 16.13 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 3.02 W/kg

SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.339 W/kg

Maximum value of SAR (measured) = 2.14 W/kg



0 dB = 2.14 W/kg = 3.30 dBW/kg

#02_WLAN5GHz_802.11ac-VHT80 MCS0_Bottom of Laptop_0mm_Ch58;Ant 2

Communication System: 802.11ac; Frequency: 5290 MHz; Duty Cycle: 1:1.005

Medium: HSL_5G_211115 Medium parameters used : $f = 5290$ MHz; $\sigma = 4.637$ S/m; $\epsilon_r = 35.264$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3642; ConvF(4.42, 4.42, 4.42) @ 5290 MHz; Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2021/5/21
- Phantom: ELI V4.0; Type: QDOVA001BB; Serial: 1041
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (141x101x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.29 W/kg

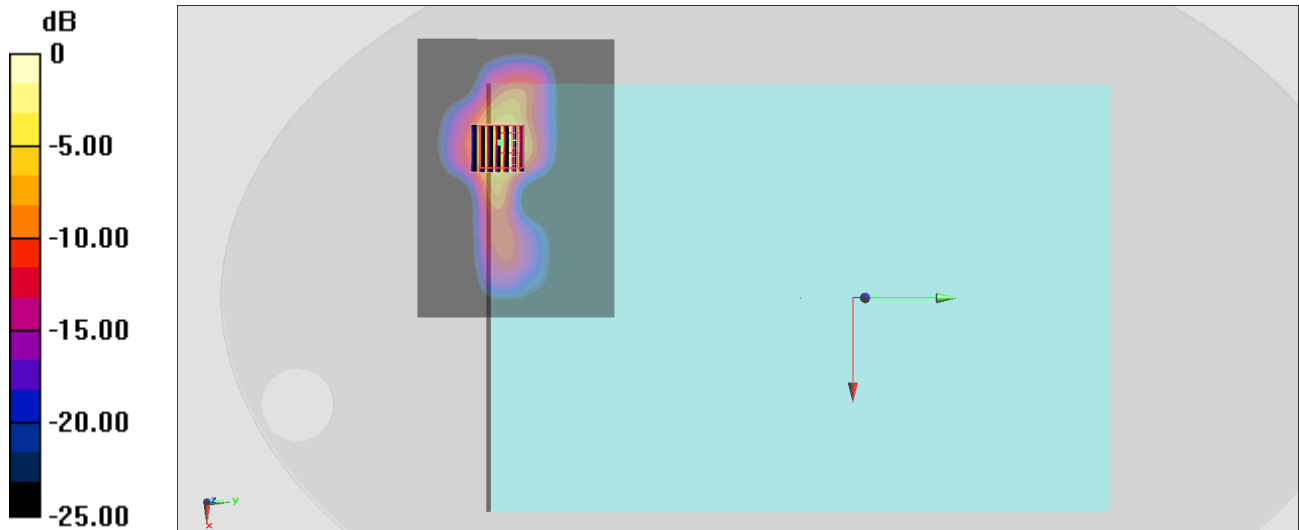
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 14.21 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 5.22 W/kg

SAR(1 g) = 0.992 W/kg; SAR(10 g) = 0.262 W/kg

Maximum value of SAR (measured) = 2.64 W/kg



0 dB = 2.64 W/kg = 4.22 dBW/kg

#03_WLAN5GHz_802.11ac-VHT80 MCS0_Bottom of Laptop_0mm_Ch106;Ant 2

Communication System: 802.11ac; Frequency: 5530 MHz; Duty Cycle: 1:1.005

Medium: HSL_5G_211115 Medium parameters used : $f = 5530$ MHz; $\sigma = 4.909$ S/m; $\epsilon_r = 34.823$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3642; ConvF(4.17, 4.17, 4.17) @ 5530 MHz; Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2021/5/21
- Phantom: ELI V4.0; Type: QDOVA001BB; Serial: 1041
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (141x101x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.843 W/kg

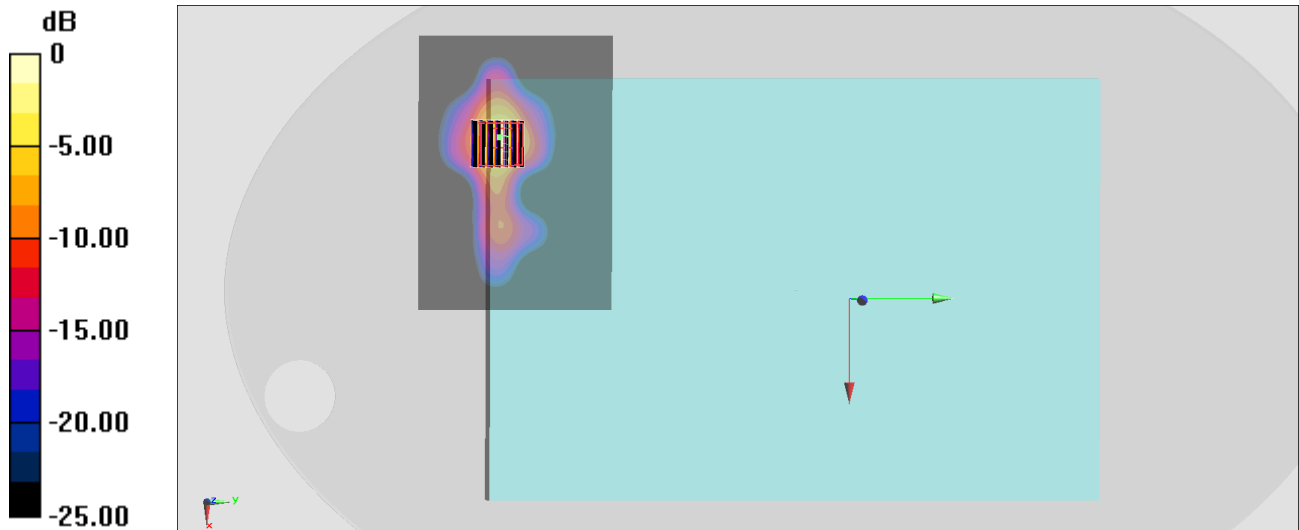
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 12.39 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 2.96 W/kg

SAR(1 g) = 0.514 W/kg; SAR(10 g) = 0.140 W/kg

Maximum value of SAR (measured) = 1.61 W/kg



0 dB = 1.61 W/kg = 2.07 dBW/kg

#04_WLAN5GHz_802.11ac-VHT80 MCS0_Bottom of Laptop_0mm_Ch155;Ant 2

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.005

Medium: HSL_5G_211115 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.192$ S/m; $\epsilon_r = 34.381$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3642; ConvF(4.18, 4.18, 4.18) @ 5775 MHz; Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2021/5/21
- Phantom: ELI V4.0; Type: QDOVA001BB; Serial: 1041
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (141x101x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.775 W/kg

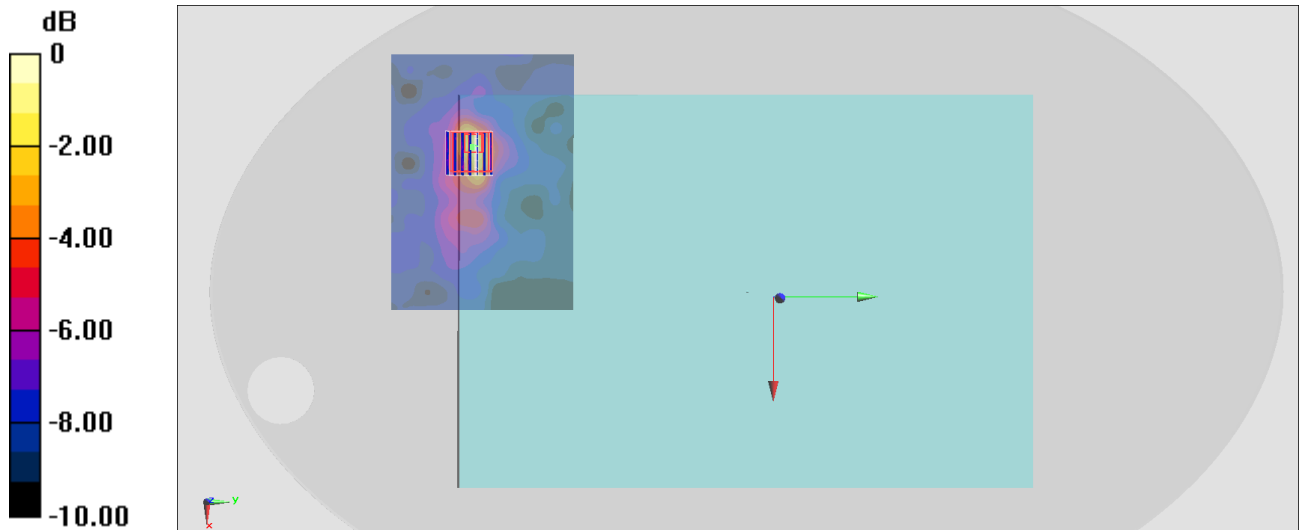
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 9.599 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.08 W/kg

SAR(1 g) = 0.478 W/kg; SAR(10 g) = 0.264 W/kg

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



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

#05_Bluetooth_1Mbps_Bottom of Laptop_0mm_Ch00;Ant 2

Communication System: Bluetooth; Frequency: 2402 MHz; Duty Cycle: 1:1.295

Medium: HSL_2450_211114 Medium parameters used : $f = 2402$ MHz; $\sigma = 1.72$ S/m; $\epsilon_r = 38.373$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3642; ConvF(7.43, 7.43, 7.43) @ 2402 MHz; Calibrated: 2021/4/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2021/5/21
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1025
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (101x101x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.254 W/kg

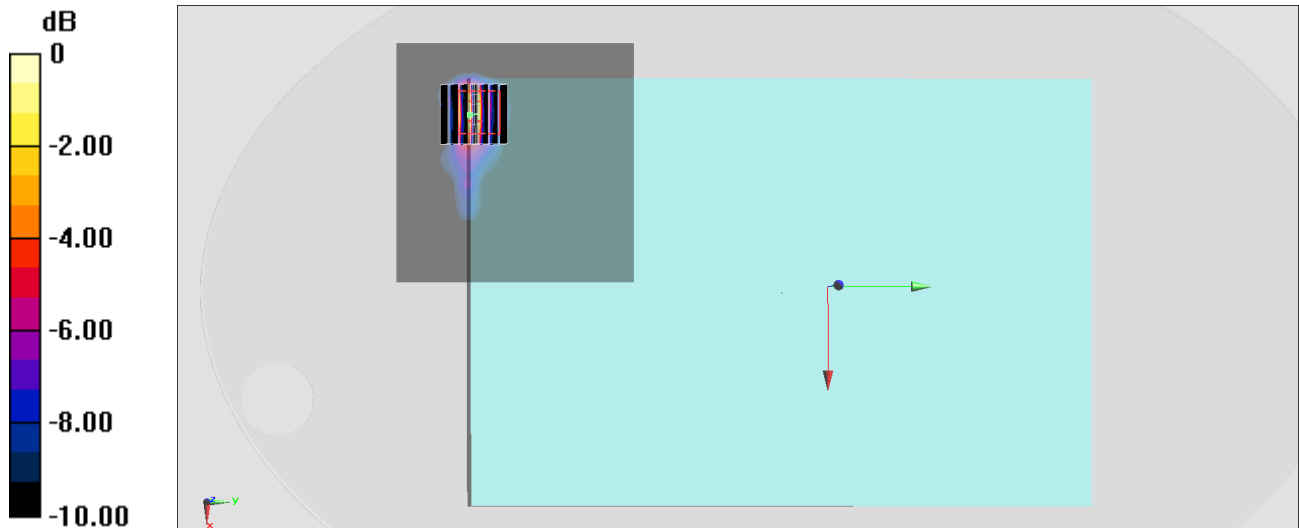
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 9.090 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.440 W/kg

SAR(1 g) = 0.147 W/kg; SAR(10 g) = 0.065 W/kg

Maximum value of SAR (measured) = 0.271 W/kg



0 dB = 0.271 W/kg = -5.67 dBW/kg

#06_WLAN6GHz_802.11ax-HE160 MCS0_Bottom of Laptop_0mm_Ch15;Ant 2

Communication System: U-NII-5; Frequency: 6025.0

Medium: HSL_6G_211116. Medium parameters used: $f = 6025.0$ MHz; $\sigma = 5.48$ S/m; $\epsilon_r = 36.1$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(4.95, 4.95, 4.95); Calibrated: 2021-04-26
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn917; Calibrated: 2020-12-22
- Phantom: ELI V5.0 (20deg probe tilt); Serial: 1238; Section: Flat
- Measurement Software: cDASY6 V6.6.0.13926
- UID: WLAN, 10743-AAB
- MAIA: Area Scan: N/A; Zoom Scan: N/A

Area Scan (119.0 mm x 85.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.285 W/kg; SAR (10g) = 0.099 W/kg;

Zoom Scan (23.8 mm x 23.8 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = -0.00 dB

SAR (1g) = 0.363 W/kg; SAR (10g) = 0.099 W/kg;

