

#01_WLAN2.4GHz_802.11b 1Mbps_Bottom of Laptop_0mm_Ch6;Ant 1

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

Medium: HSL_2450_220127 Medium parameters used : $f = 2437$ MHz; $\sigma = 1.823$ S/m; $\epsilon_r = 39.014$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.52, 7.52, 7.52) @ 2437 MHz; Calibrated: 2021/10/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1512; Calibrated: 2021/2/11
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.883 W/kg

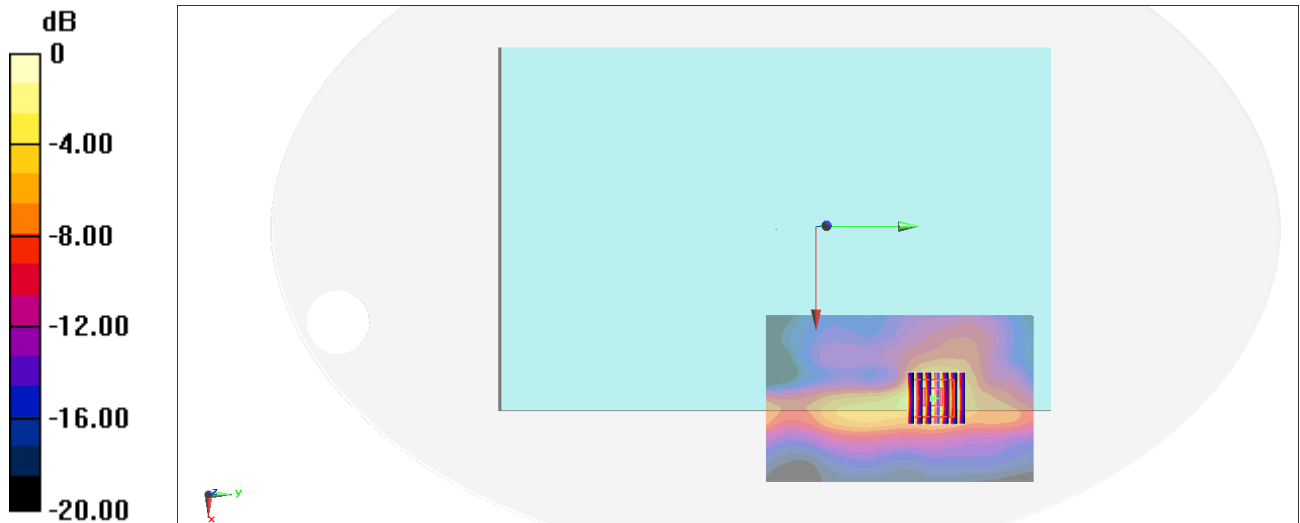
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.39 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.490 W/kg; SAR(10 g) = 0.216 W/kg

Maximum value of SAR (measured) = 0.855 W/kg



#02_WLAN5GHz_802.11ac-VHT80 MCS0_Bottom of Laptop_0mm_Ch42;Ant 1

Communication System: 802.11ac; Frequency: 5210 MHz; Duty Cycle: 1:1

Medium: HSL_5G_220129 Medium parameters used: $f = 5210$ MHz; $\sigma = 4.748$ S/m; $\epsilon_r = 36.013$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(5.1, 5.1, 5.1) @ 5210 MHz; Calibrated: 2021/10/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1512; Calibrated: 2021/2/11
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (101x161x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.887 W/kg

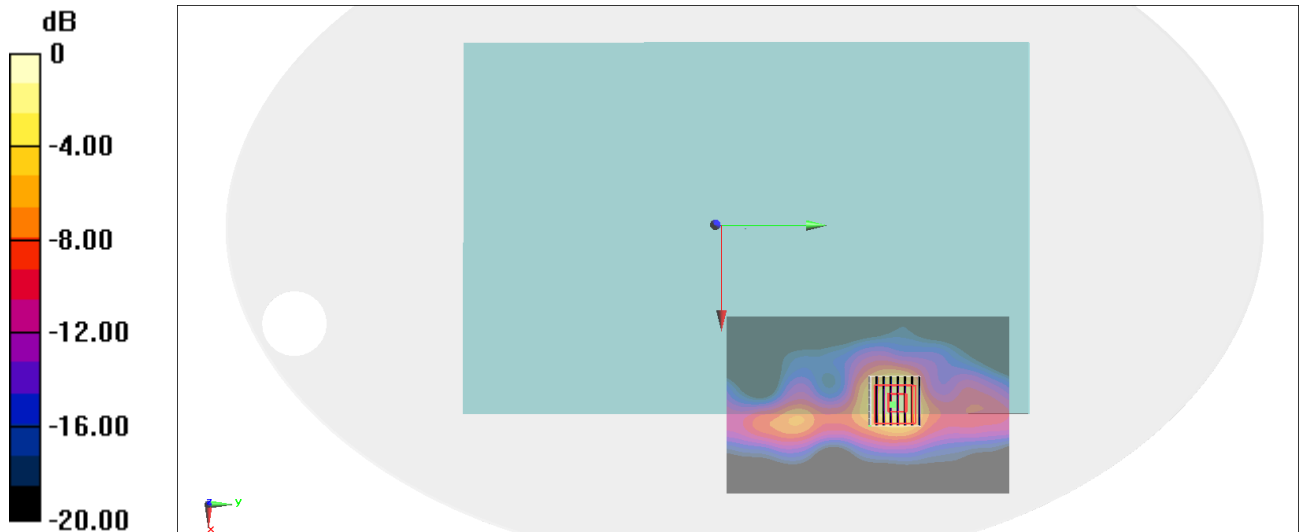
Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 5.357 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.02 W/kg

SAR(1 g) = 0.562 W/kg; SAR(10 g) = 0.188 W/kg

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



#03_WLAN5GHz_802.11ac-VHT80 MCS0_Bottom of Laptop_0mm_Ch122;Ant 1

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

Medium: HSL_5G_220129 Medium parameters used: $f = 5610$ MHz; $\sigma = 5.172$ S/m; $\epsilon_r = 35.506$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.39, 4.39, 4.39) @ 5610 MHz; Calibrated: 2021/10/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1512; Calibrated: 2021/2/11
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (101x161x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

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

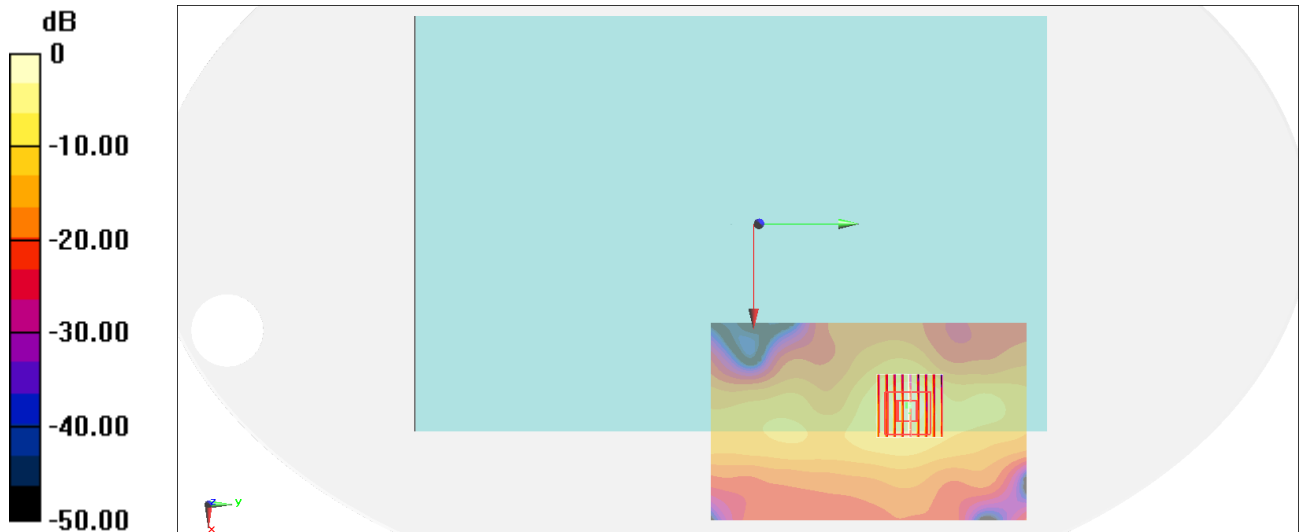
Zoom Scan (9x9x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 7.323 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.60 W/kg

SAR(1 g) = 0.650 W/kg; SAR(10 g) = 0.215 W/kg

Maximum value of SAR (measured) = 1.55 W/kg



0 dB = 1.55 W/kg = 1.90 dBW/kg

#04_WLAN5GHz_802.11ac-VHT80 MCS0_Bottom of Laptop_0mm_Ch155;Ant 1

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

Medium: HSL_5G_220129 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.349$ S/m; $\epsilon_r = 35.241$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.73, 4.73, 4.73) @ 5775 MHz; Calibrated: 2021/10/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1512; Calibrated: 2021/2/11
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (101x161x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.949 W/kg

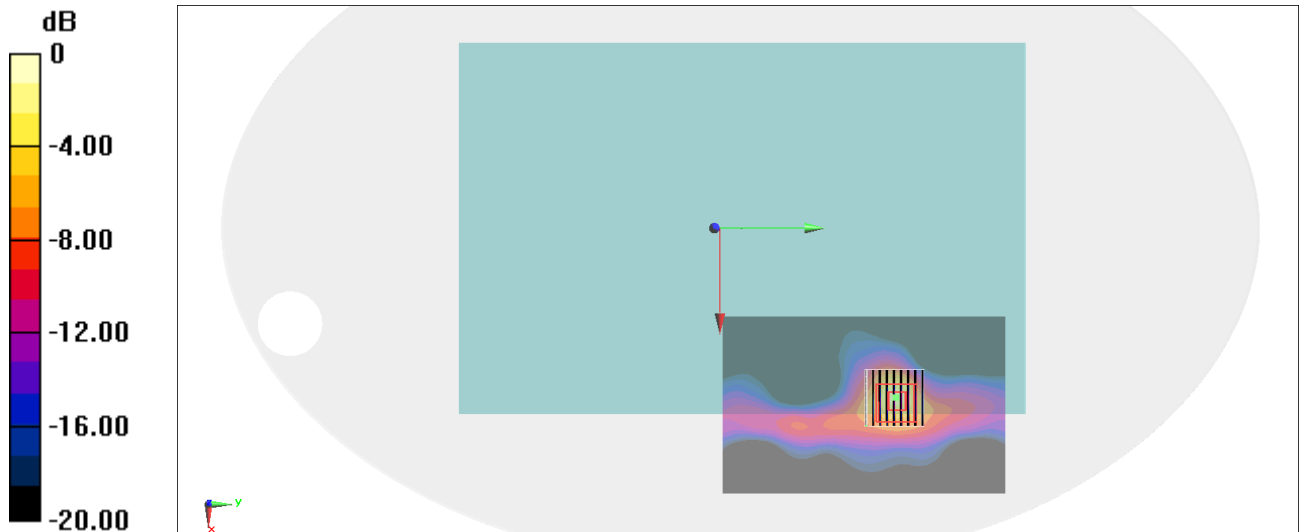
Zoom Scan (9x9x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 4.151 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.60 W/kg

SAR(1 g) = 0.607 W/kg; SAR(10 g) = 0.191 W/kg

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



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

#05_Bluetooth_1Mbps_Bottom of Laptop_0mm_Ch0;Ant 2

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

Medium: HSL_2450_220127 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.779$ S/m; $\epsilon_r = 39.14$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.52, 7.52, 7.52) @ 2402 MHz; Calibrated: 2021/10/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1512; Calibrated: 2021/2/11
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x131x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.0269 W/kg

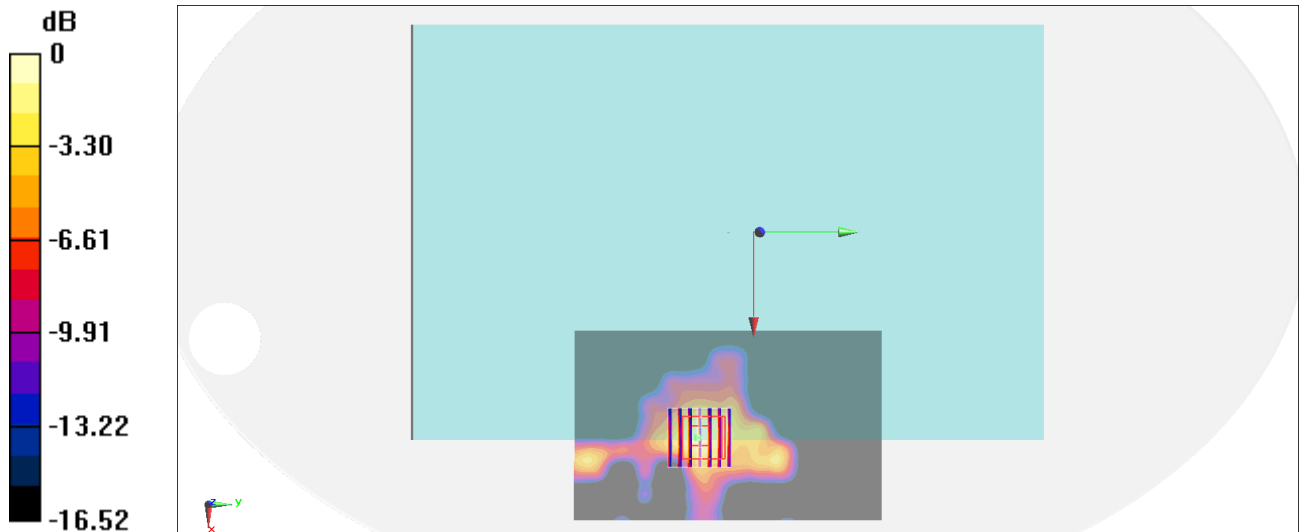
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.505 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.0410 W/kg

SAR(1 g) = 0.019 W/kg; SAR(10 g) = 0.00932 W/kg

Maximum value of SAR (measured) = 0.0304 W/kg



0 dB = 0.0304 W/kg = -15.17 dBW/kg