

#01_WLAN2.4GHz_802.11b 1Mbps_Bottom of Laptop_0mm_Ch1;Ant 1

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1.003

Medium: HSL_2450_220123 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.768$ S/m; $\epsilon_r = 39.077$;
 $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(7.36, 7.36, 7.36) @ 2412 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2021/9/15
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 001 BB; Serial: 1227
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x111x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 1.01 W/kg

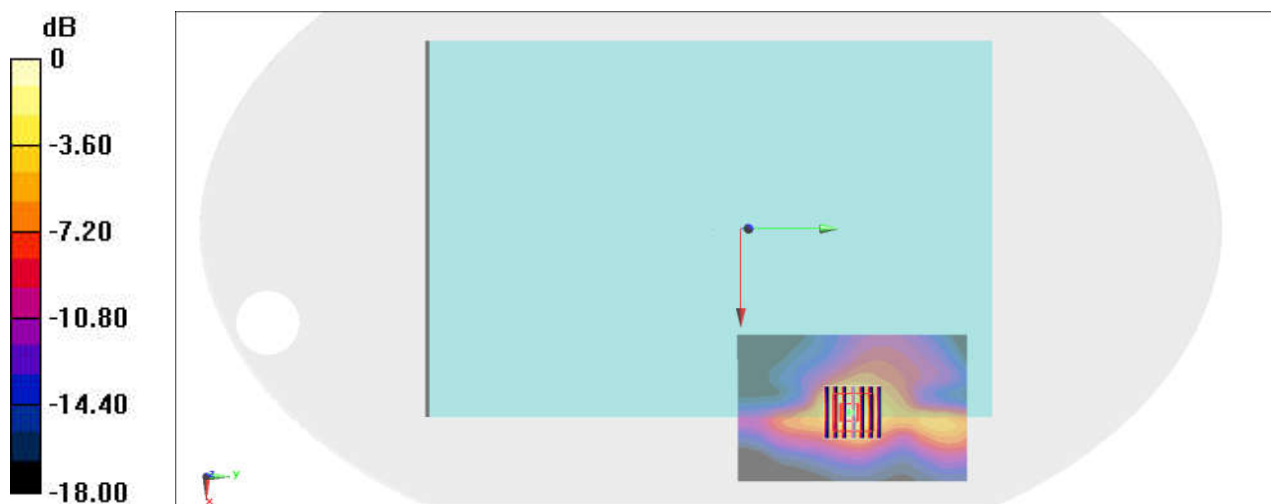
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 20.45 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.579 W/kg; SAR(10 g) = 0.265 W/kg

Maximum value of SAR (measured) = 0.985 W/kg



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

Communication System: 802.11ac ; Frequency: 5290 MHz;Duty Cycle: 1:1.024

Medium: HSL_5G_220123 Medium parameters used : $f = 5290$ MHz; $\sigma = 4.716$ S/m; $\epsilon_r = 36.179$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(5.23, 5.23, 5.23) @ 5290 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2021/9/15
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 001 BB; Serial: 1227
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (101x141x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.731 W/kg

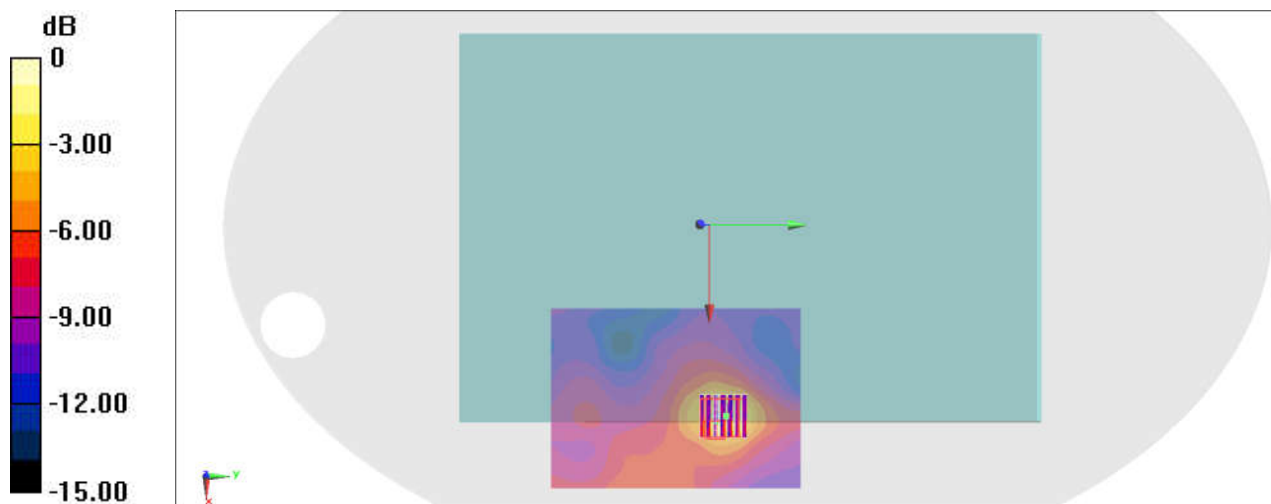
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 13.98 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 0.334 W/kg; SAR(10 g) = 0.128 W/kg

Maximum value of SAR (measured) = 0.772 W/kg



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

Communication System: 802.11ac ; Frequency: 5610 MHz;Duty Cycle: 1:1.024

Medium: HSL_5G_220123 Medium parameters used : $f = 5610$ MHz; $\sigma = 5.03$ S/m; $\epsilon_r = 35.736$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(4.6, 4.6, 4.6) @ 5610 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2021/9/15
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 001 BB; Serial: 1227
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (101x141x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

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

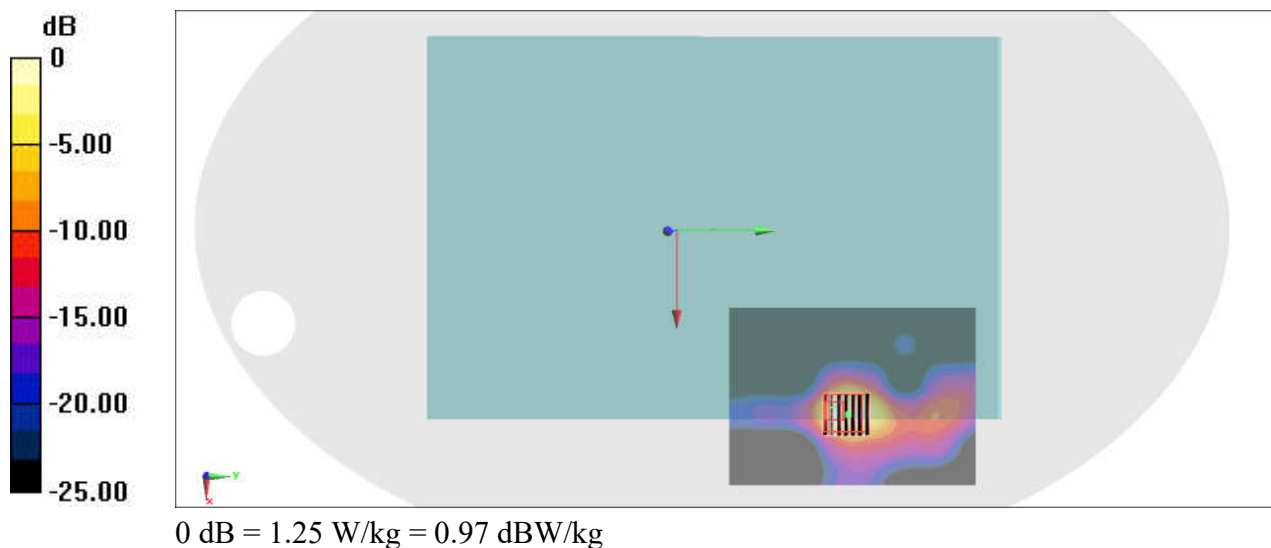
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 12.89 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.56 W/kg

SAR(1 g) = 0.368 W/kg; SAR(10 g) = 0.113 W/kg

Maximum value of SAR (measured) = 0.908 W/kg



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

Communication System: 802.11ac ; Frequency: 5775 MHz;Duty Cycle: 1:1.024

Medium: HSL_5G_220123 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.205$ S/m; $\epsilon_r = 35.569$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(4.72, 4.72, 4.72) @ 5775 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2021/9/15
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 001 BB; Serial: 1227
- 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) = 0.574 W/kg

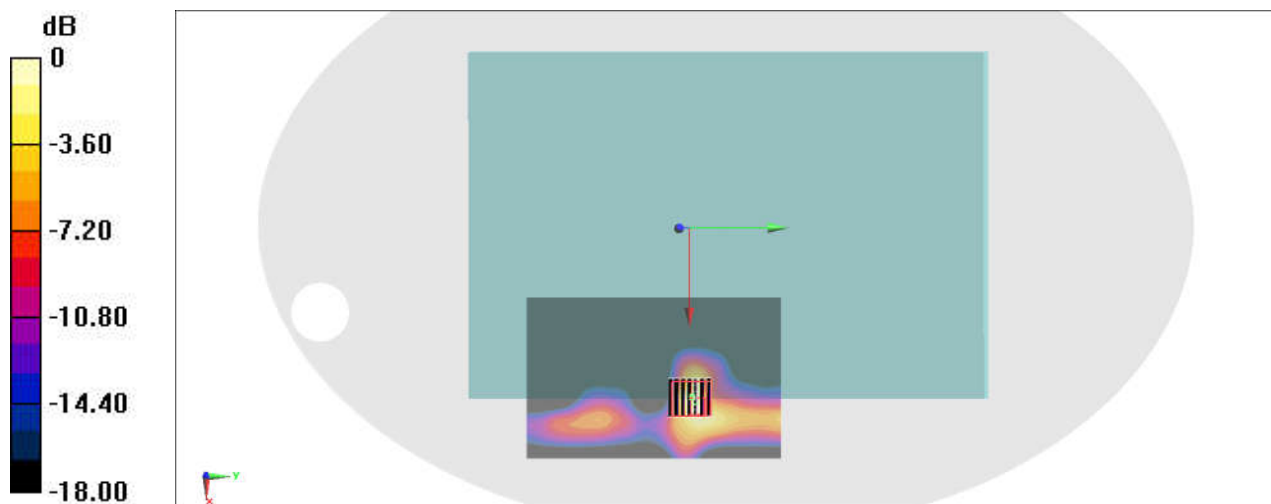
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.505 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 0.377 W/kg; SAR(10 g) = 0.106 W/kg

Maximum value of SAR (measured) = 0.931 W/kg



0 dB = 0.574 W/kg = -2.41 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_220123 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.758$ S/m; $\epsilon_r = 39.096$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(7.36, 7.36, 7.36) @ 2402 MHz; Calibrated: 2021/2/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2021/9/15
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 001 BB; Serial: 1227
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x101x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.164 W/kg

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

Reference Value = 8.376 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.139 W/kg

SAR(1 g) = 0.070 W/kg; SAR(10 g) = 0.032 W/kg

Maximum value of SAR (measured) = 0.112 W/kg

