

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

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1.002

Medium: HSL_2450_230114 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.775$ S/m; $\epsilon_r = 39.131$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3115; ConvF(4.57, 4.57, 4.57) @ 2412 MHz; Calibrated: 2022/10/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1647; Calibrated: 2022/11/18
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.13 W/kg

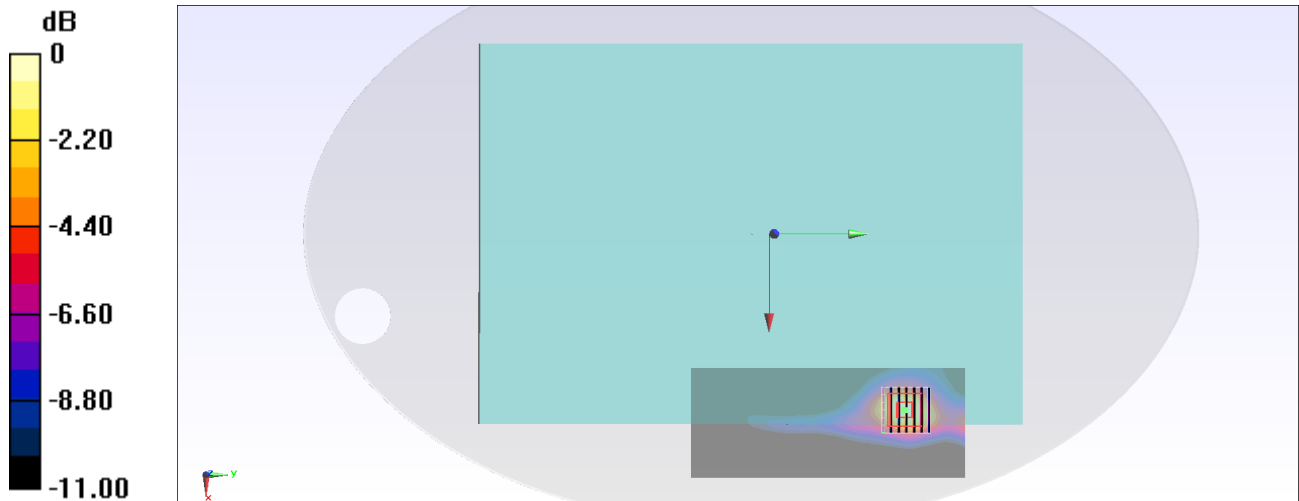
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.35 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.75 W/kg

SAR(1 g) = 0.870 W/kg; SAR(10 g) = 0.416 W/kg

Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.14 W/kg = 0.57 dBW/kg

#02_WLAN5GHz_802.11ac-VHT80 MCS0_Bottom of Laptop_0mm_Ch58

Communication System: 802.11ac; Frequency: 5290 MHz; Duty Cycle: 1:1.043

Medium: HSL_5G_230115 Medium parameters used : $f = 5290$ MHz; $\sigma = 4.816$ S/m; $\epsilon_r = 37.033$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(5.5, 5.5, 5.5) @ 5290 MHz; Calibrated: 2022/3/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2022/10/19
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1029
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x121x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.53 W/kg

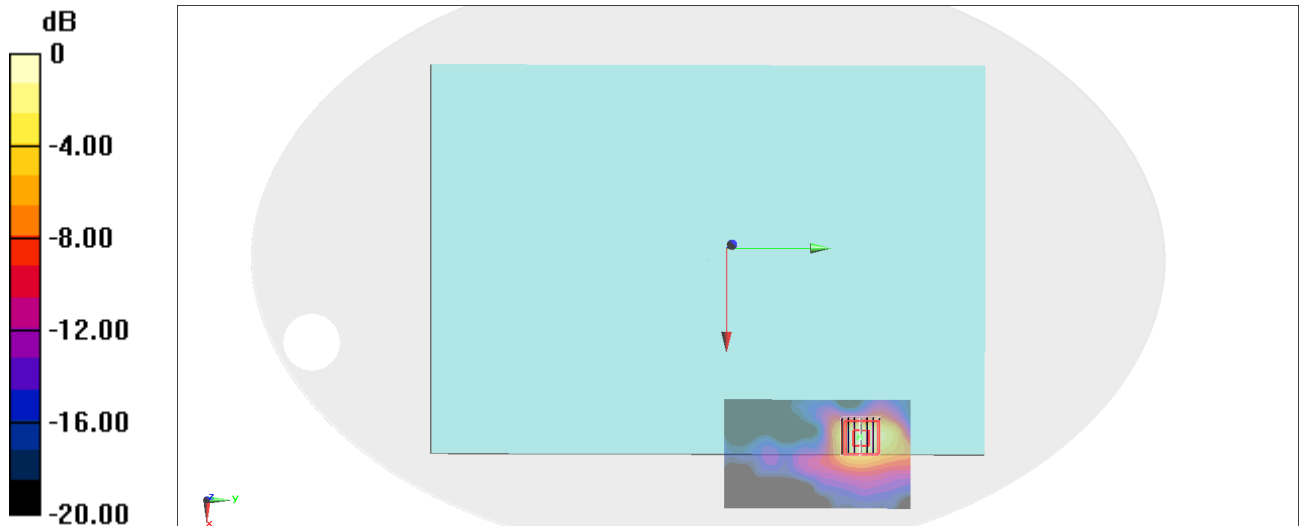
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 17.04 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.05 W/kg

SAR(1 g) = 0.643 W/kg; SAR(10 g) = 0.225 W/kg

Maximum value of SAR (measured) = 1.40 W/kg



#03_WLAN5GHz_802.11ac-VHT80 MCS0_Bottom of Laptop_0mm_Ch106

Communication System: 802.11ac; Frequency: 5530 MHz; Duty Cycle: 1:1.043

Medium: HSL_5G_230115 Medium parameters used : $f = 5530$ MHz; $\sigma = 5.126$ S/m; $\epsilon_r = 36.37$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(4.98, 4.98, 4.98) @ 5530 MHz; Calibrated: 2022/3/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2022/10/19
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1029
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x121x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.26 W/kg

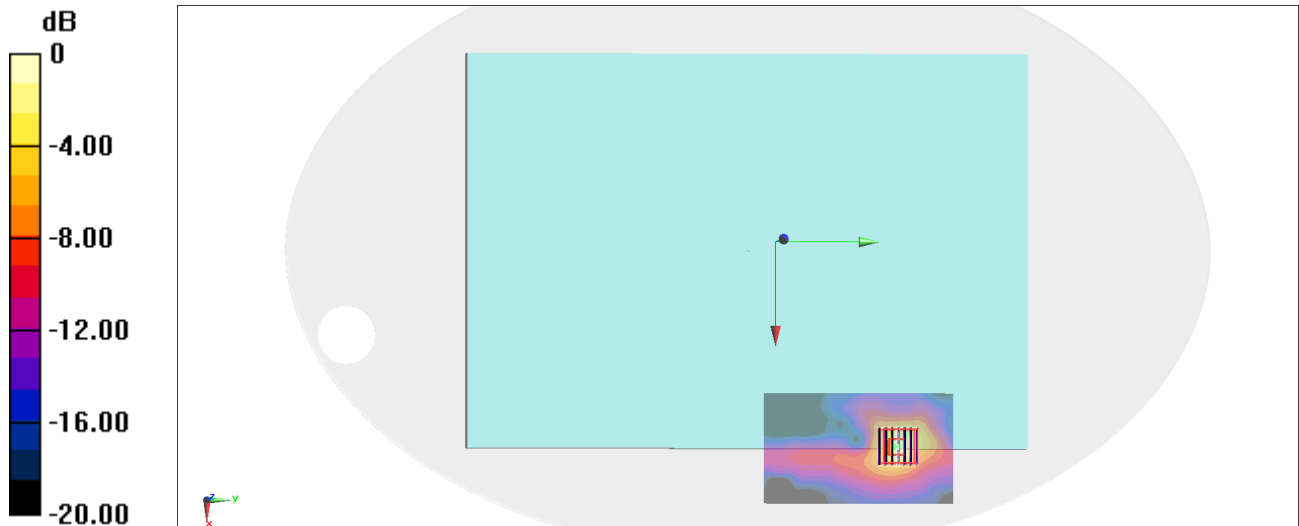
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 14.57 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.84 W/kg

SAR(1 g) = 0.521 W/kg; SAR(10 g) = 0.179 W/kg

Maximum value of SAR (measured) = 1.19 W/kg



#04_WLAN5GHz_802.11ac-VHT80 MCS0_Bottom of Laptop_0mm_Ch155

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.043

Medium: HSL_5G_230115 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.409$ S/m; $\epsilon_r = 36.366$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(5.23, 5.23, 5.23) @ 5775 MHz; Calibrated: 2022/3/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2022/10/19
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1029
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

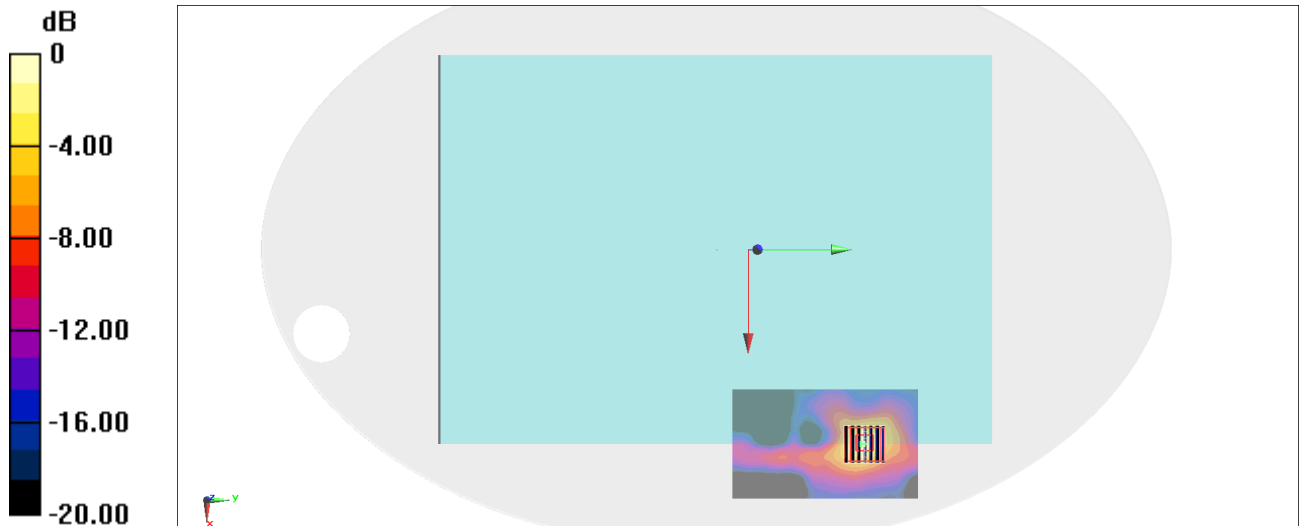
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 12.77 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.59 W/kg

SAR(1 g) = 0.416 W/kg; SAR(10 g) = 0.139 W/kg

Maximum value of SAR (measured) = 0.984 W/kg



0 dB = 0.984 W/kg = -0.07 dBW/kg

#05_Bluetooth_1Mbps_Bottom of Laptop_0mm_Ch0

Communication System: Bluetooth; Frequency: 2402 MHz; Duty Cycle: 1:1.297

Medium: HSL_2450_230114 Medium parameters used : $f = 2402$ MHz; $\sigma = 1.762$ S/m; $\epsilon_r = 38.726$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3115; ConvF(4.57, 4.57, 4.57) @ 2402 MHz; Calibrated: 2022/10/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1647; Calibrated: 2022/11/18
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP-1079
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0905 W/kg

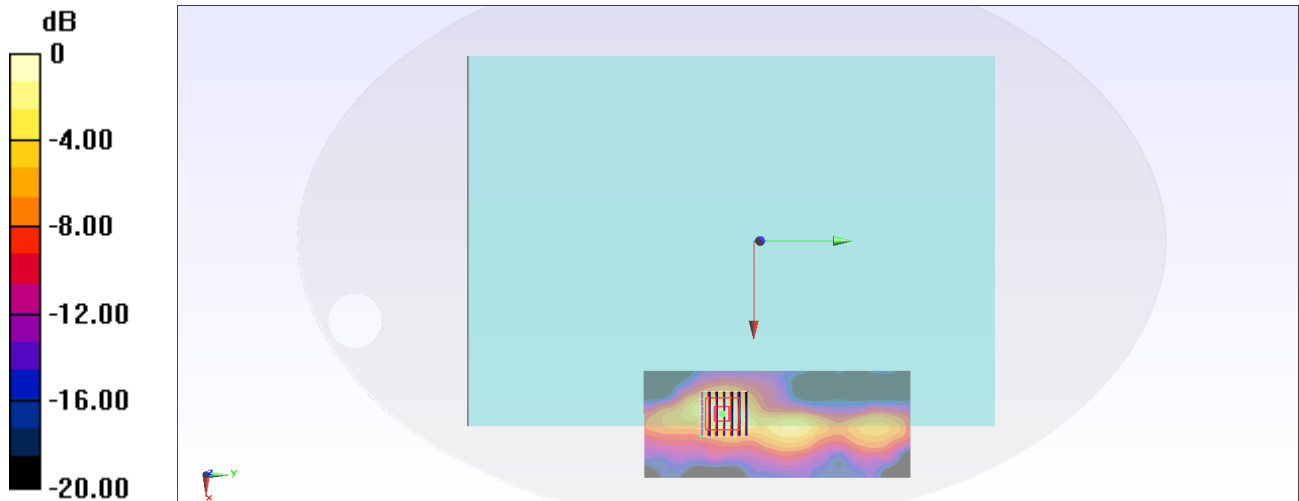
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.645 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.133 W/kg

SAR(1 g) = 0.063 W/kg; SAR(10 g) = 0.029 W/kg

Maximum value of SAR (measured) = 0.0843 W/kg



0 dB = 0.0905 W/kg = -10.43 dBW/kg