

Date: 2025-05-29

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

Communication System: IEEE 802.11b WiFi 2.4 GHz; Frequency: 2412.000 MHz

Medium: HSL_2450_250529 Medium parameters used: $f = 2412.000$ MHz; $\sigma = 1.80$ S/m; $\epsilon_r = 39.1$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(6.66, 6.56, 6.78); Calibrated: 2025-03-19
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2024-12-04
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2055_for Gap; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10415-AAA

Area Scan (100.0 mm x 160.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.070 W/kg; SAR (10g) = 0.042 W/kg;

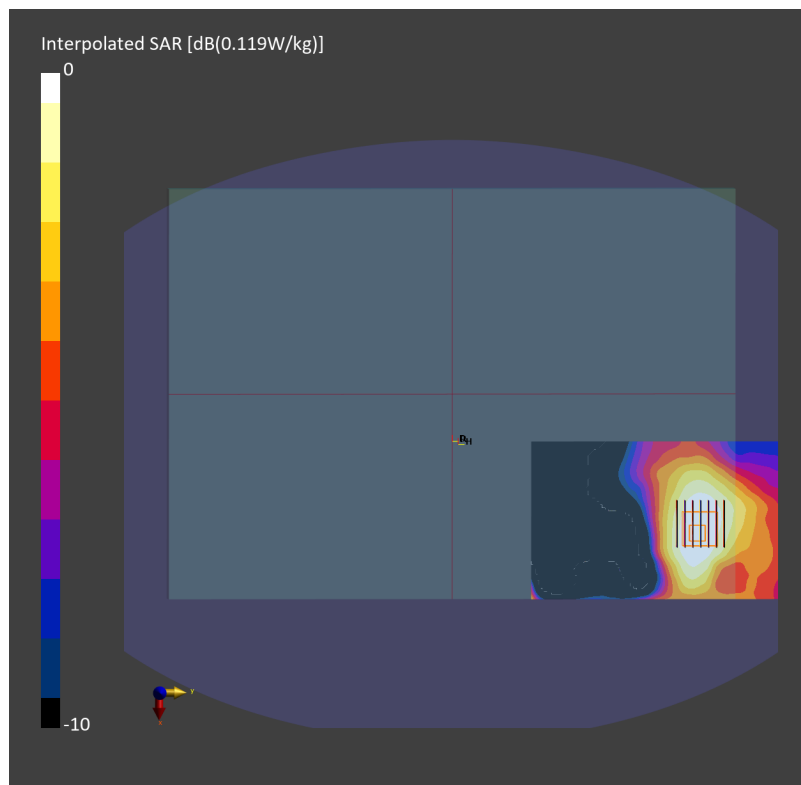
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = 0.02 dB

SAR (1g) = 0.073 W/kg; SAR (8g) = 0.048 W/kg; SAR (10g) = 0.045 W/kg

Smallest distance from peaks to all points 3 dB below = > 15.0 mm

Ratio of SAR at M2 to SAR at M1 = 84.6 %



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2025/5/29

#02_WLAN5GHz_802.11ac-VHT80 MCS0_Bottom of Laptop_0mm_Ch54

Communication System: UID 10544 - AAD, IEEE 802.11ac WiFi; Frequency: 5270 MHz

Medium: HSL_5G_250529 Medium parameters used: $f = 5270$ MHz; $\sigma = 4.7$ S/m; $\epsilon_r = 36.167$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

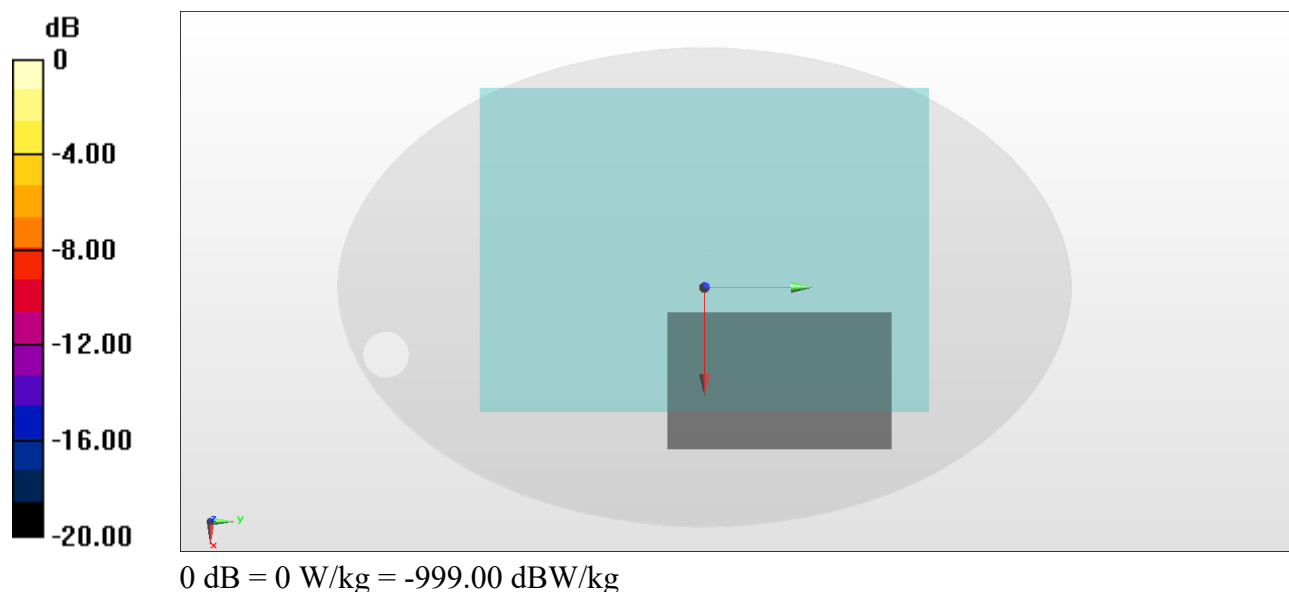
- Probe: EX3DV4 - SN3931; ConvF(5.49, 5.29, 5.21) @ 5270 MHz; Calibrated: 2024/11/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2024/12/19
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1164
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (111x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 0 V/m; Power Drift = 0

Fast SAR: SAR(1 g) = 0 W/kg; SAR(10 g) = 0 W/kg

Maximum value of SAR (interpolated) = 0 W/kg



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Date: 2025/5/29

#03_WLAN5GHz_802.11n-HT40 MCS0_Bottom of Laptop_0mm_Ch110

Communication System: UID 10599 - AAD, IEEE 802.11n ; Frequency: 5550 MHz

Medium: HSL_5G_250529 Medium parameters used: $f = 5550$ MHz; $\sigma = 4.996$ S/m; $\epsilon_r = 35.742$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

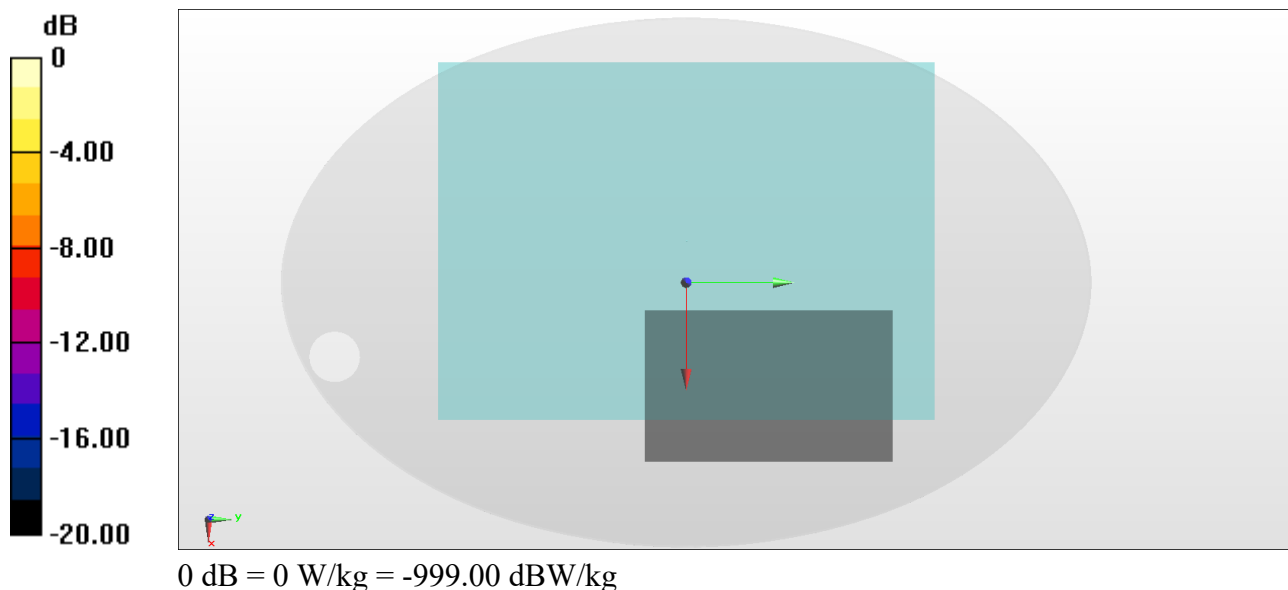
- Probe: EX3DV4 - SN3931; ConvF(5.11, 4.92, 4.85) @ 5550 MHz; Calibrated: 2024/11/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2024/12/19
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1164
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (111x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 0 V/m; Power Drift = 0

Fast SAR: SAR(1 g) = 0 W/kg; SAR(10 g) = 0 W/kg

Maximum value of SAR (interpolated) = 0 W/kg



Date: 2025-05-29

#04_WLAN5GHz_802.11ax-HE40 MCS0_Bottom of Laptop_0mm_Ch151

Communication System: IEEE 802.11ax; Frequency: 5755.000 MHz

Medium: HSL_5G_250529 Medium parameters used: $f = 5755.000$ MHz; $\sigma = 5.29$ S/m; $\epsilon_r = 34.9$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(4.86, 4.78, 4.94); Calibrated: 2025-03-19
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2024-12-04
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2055_for Gap; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10707-AAC

Area Scan (100.0 mm x 160.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.076 W/kg; SAR (10g) = 0.026 W/kg;

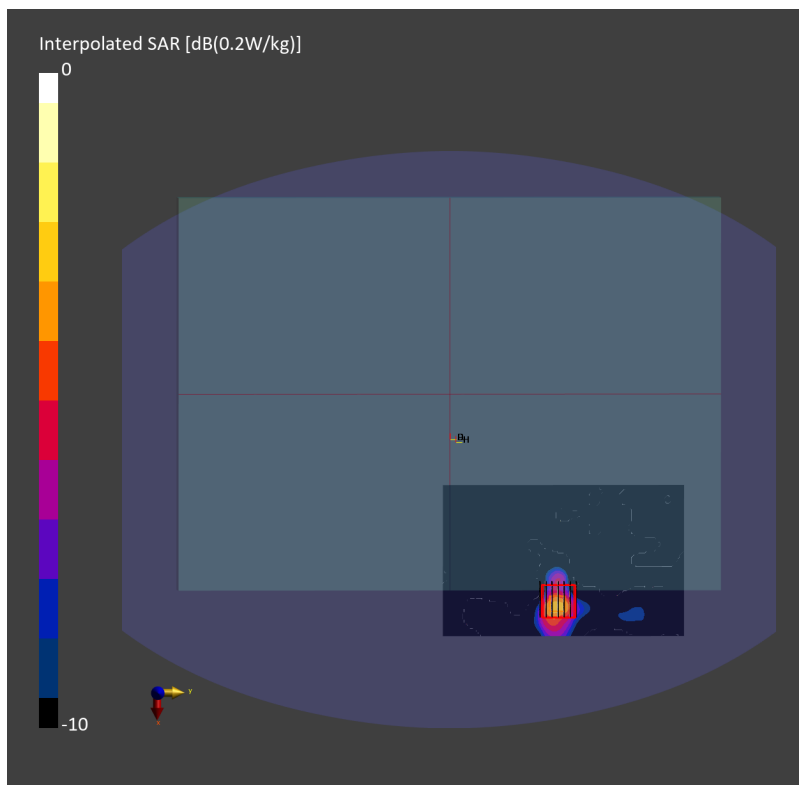
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.19 dB

SAR (1g) = 0.076 W/kg; SAR (8g) = 0.024 W/kg; SAR (10g) = 0.020 W/kg

Smallest distance from peaks to all points 3 dB below = 9.4 mm

Ratio of SAR at M2 to SAR at M1 = 63.6 %



Date: 2025-05-29

#05_WLAN5GHz_802.11a 6Mbps_Bottom of Laptop_0mm_Ch173

Communication System: IEEE 802.11a/h WiFi 5 GHz; Frequency: 5865.000 MHz

Medium: HSL_5G_250529 Medium parameters used: $f = 5865.000$ MHz; $\sigma = 5.42$ S/m; $\epsilon_r = 34.7$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(4.86, 4.78, 4.94); Calibrated: 2025-03-19
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2024-12-04
- Phantom: ELI V8.0 (20deg probe tilt); Serial: 2055_for Gap; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10417-AAD

Area Scan (100.0 mm x 160.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 0.053 W/kg; SAR (10g) = 0.021 W/kg;

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.01 dB

SAR (1g) = 0.069 W/kg; SAR (8g) = 0.023 W/kg; SAR (10g) = 0.020 W/kg

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 59.5 %

