

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

Date: 2025/4/15

#01_WLAN2.4GHz_802.11b 1Mbps_Bottom Side_0mm_Ch6

Communication System: UID 10415 - AAA, IEEE 802.11b WiFi 2.4 GHz; Frequency: 2437 MHz

Medium: HSL_2450_250415 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.854$ S/m; $\epsilon_r = 39.682$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(6.66, 6.56, 6.78) @ 2437 MHz; Calibrated: 2025/3/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2025/3/14
- 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 (71x131x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.128 W/kg

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

Reference Value = 1.020 V/m; Power Drift = 0.02 dB

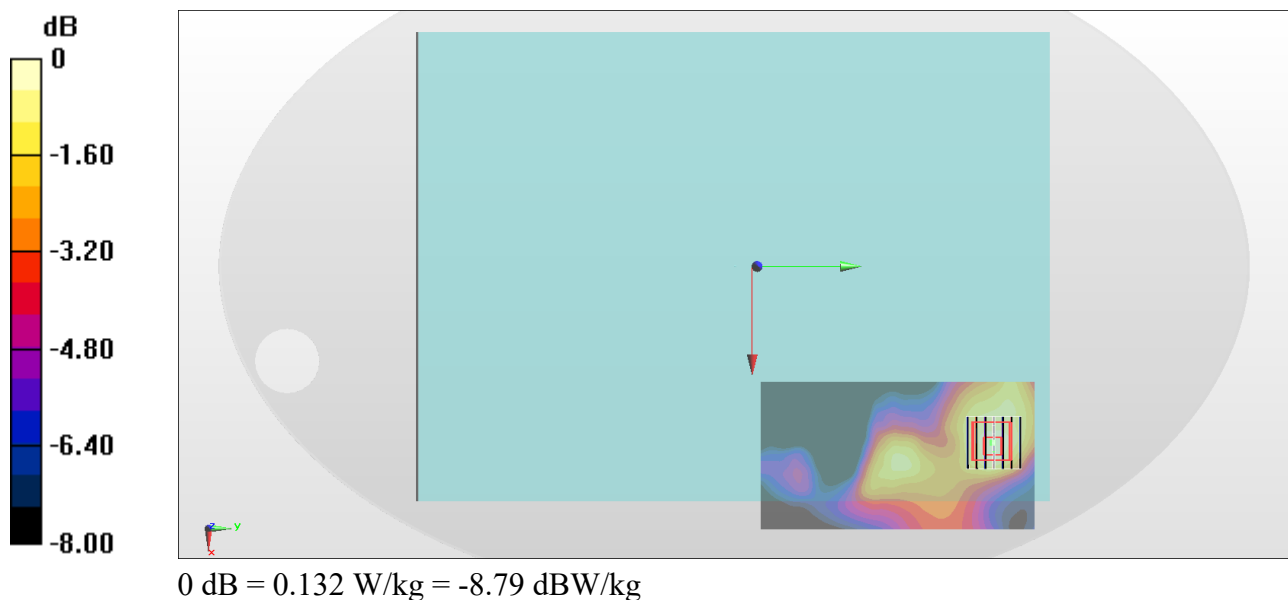
Peak SAR (extrapolated) = 0.155 W/kg

SAR(1 g) = 0.094 W/kg; SAR(10 g) = 0.055 W/kg

Smallest distance from peaks to all points 3 dB below = 17.7 mm

Ratio of SAR at M2 to SAR at M1 = 59.3%

Maximum value of SAR (measured) = 0.132 W/kg



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#02_WLAN5GHz_802.11n-HT40 MCS0_Bottom Side_0mm_Ch54

Communication System: UID 10591 - AAD, IEEE 802.11n ; Frequency: 5270 MHz

Medium: HSL_5G_250415 Medium parameters used: $f = 5270$ MHz; $\sigma = 4.802$ S/m; $\epsilon_r = 36.312$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

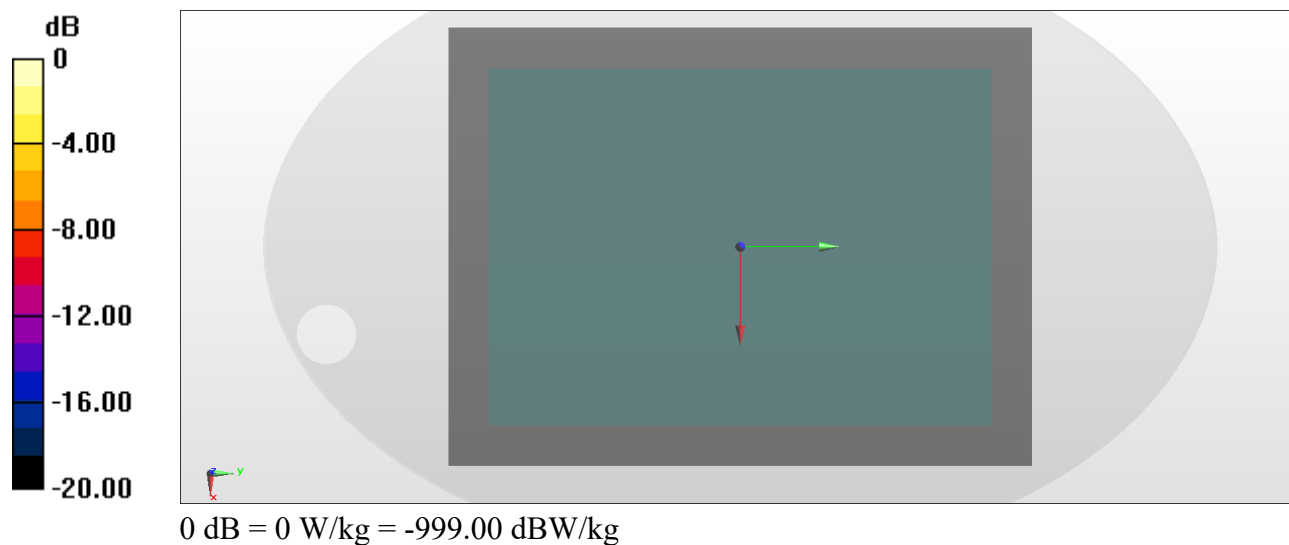
- Probe: EX3DV4 - SN3728; ConvF(5.44, 5.36, 5.54) @ 5270 MHz; Calibrated: 2025/3/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2025/3/14
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1164
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (91x121x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm

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

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

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



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#03_WLAN5GHz_802.11n-HT40 MCS0_Bottom Side_0mm_Ch142

Communication System: UID 10591 - AAD, IEEE 802.11n ; Frequency: 5710 MHz

Medium: HSL_5G_250415 Medium parameters used: $f = 5710$ MHz; $\sigma = 5.302$ S/m; $\epsilon_r = 35.687$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

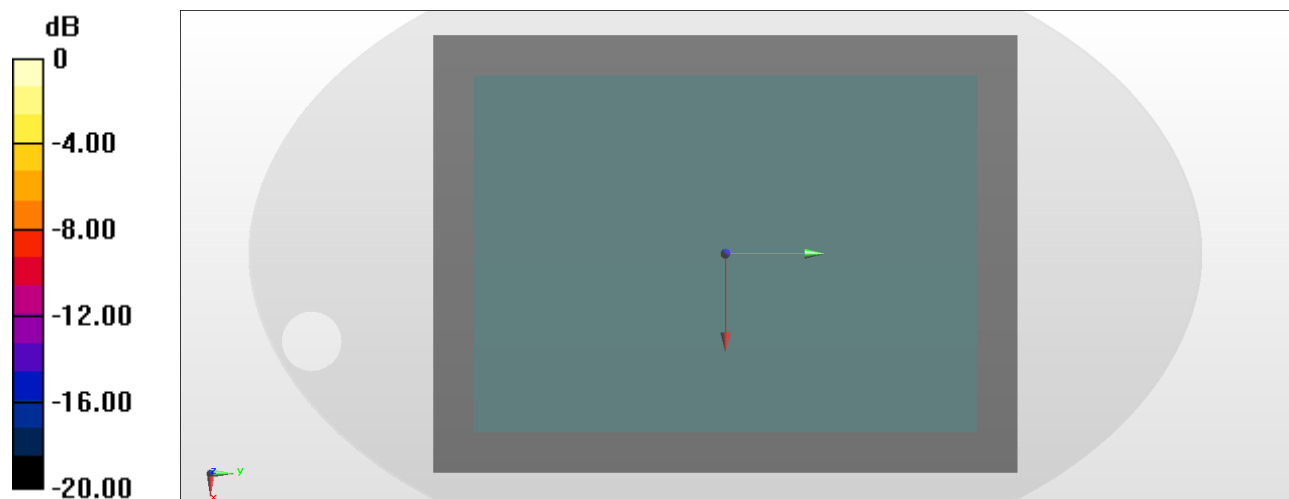
- Probe: EX3DV4 - SN3728; ConvF(4.86, 4.78, 4.94) @ 5710 MHz; Calibrated: 2025/3/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2025/3/14
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1164
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (91x121x1): Interpolated grid: dx=3.000 mm, dy=3.000 mm

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

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

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



0 dB = 0 W/kg = -999.00 dBW/kg

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#04_WLAN5GHz_802.11a 6Mbps_Bottom Side_0mm_Ch165

Communication System: UID 10317 - AAE, IEEE 802.11a WiFi 5 GHz; Frequency: 5825 MHz

Medium: HSL_5G_250415 Medium parameters used: $f = 5825$ MHz; $\sigma = 5.41$ S/m; $\epsilon_r = 35.52$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

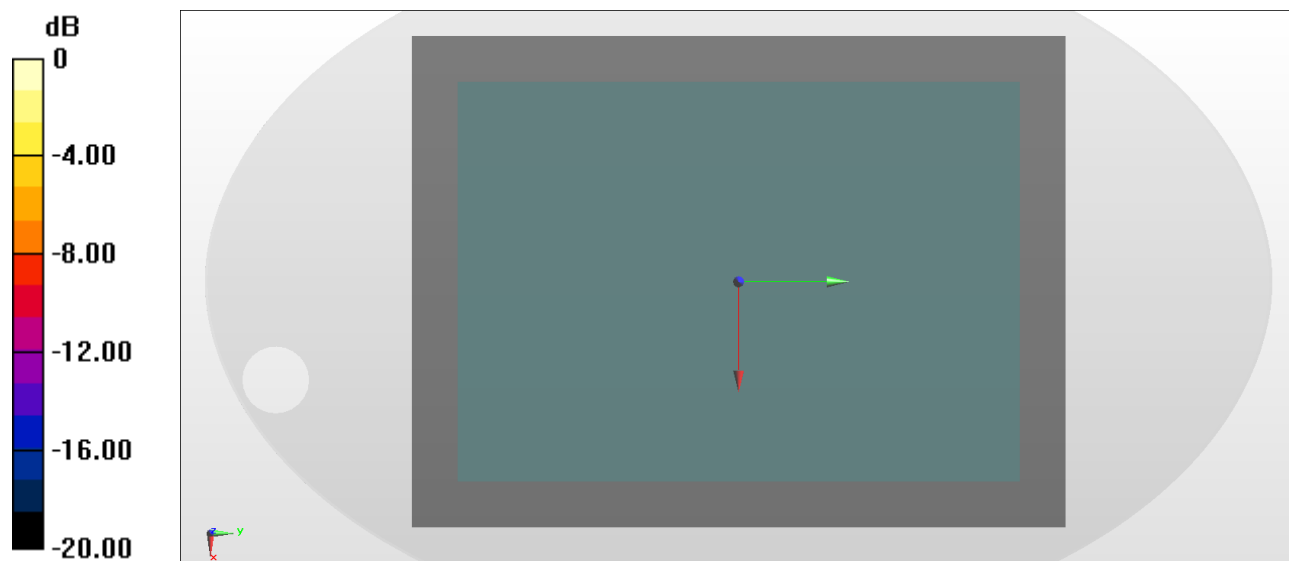
- Probe: EX3DV4 - SN3728; ConvF(4.86, 4.78, 4.94) @ 5825 MHz; Calibrated: 2025/3/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2025/3/14
- Phantom: ELI V4.0; Type: QD OVA 001 Bx; Serial: 1164
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (291x381x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

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

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



0 dB = 0 W/kg = -999.00 dBW/kg

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#05_Bluetooth_1Mbps_Bottom Side_0mm_Ch0

Communication System: UID 10032 - CAA, IEEE 802.15.1 Bluetooth ; Frequency: 2402 MHz

Medium: HSL_2450_250415 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.753$ S/m; $\epsilon_r = 39.858$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(6.66, 6.56, 6.78) @ 2402 MHz; Calibrated: 2025/3/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2025/3/14
- 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 (241x321x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

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

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

