

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

Date: 2025/2/7

#01_WLAN2.4GHz_802.11b 1Mbps_Left Edge_0mm_Ch11

Communication System: UID 10415 - AAA, 802.11b; Frequency: 2462 MHz

Medium: HSL_2450_250207 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.803$ S/m; $\epsilon_r = 39.281$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(7.51, 6.73, 8.77) @ 2462 MHz; Calibrated: 2024/4/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1512; Calibrated: 2024/3/14
- Phantom: ELI V4.0_Right; Type: QD OVA 001 BB; Serial: TP:1025
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (71x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.678 W/kg

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

Reference Value = 19.52 V/m; Power Drift = 0.01 dB

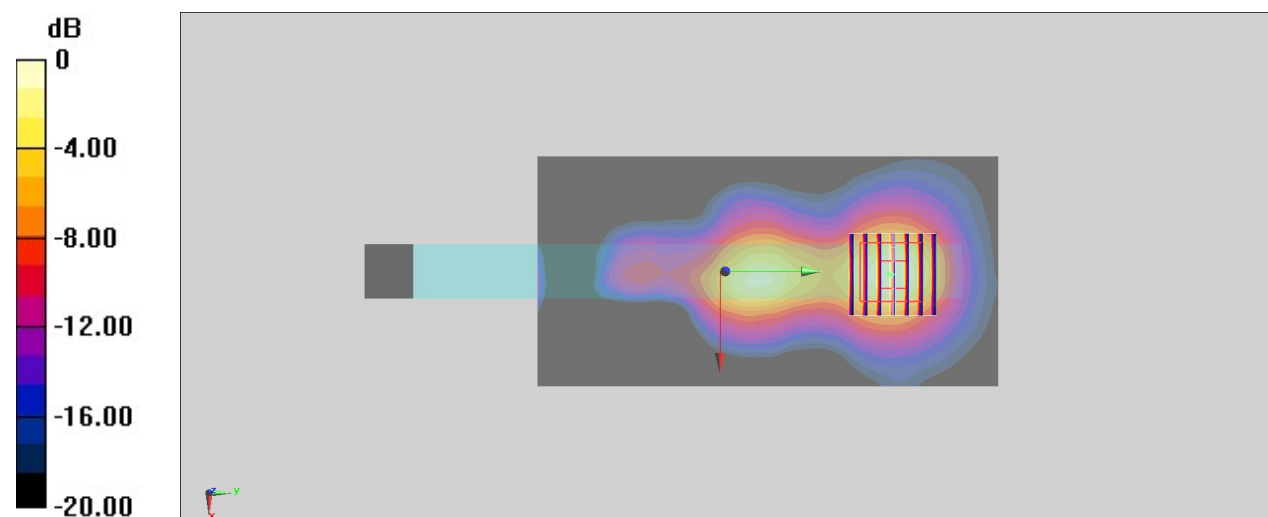
Peak SAR (extrapolated) = 0.764 W/kg

SAR(1 g) = 0.399 W/kg; SAR(10 g) = 0.188 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 54.7%

Maximum value of SAR (measured) = 0.622 W/kg



0 dB = 0.622 W/kg = -2.06 dBW/kg

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Date: 2025/2/6

#02_WLAN5GHz_802.11a_6Mbps_Left Edge_0mm_Ch60

Communication System: UID 10417 - AAD, 802.11a; Frequency: 5300 MHz

Medium: HSL_5G_250206 Medium parameters used: $f = 5300$ MHz; $\sigma = 4.632$ S/m; $\epsilon_r = 36.133$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(4.46, 4.11, 5.36) @ 5300 MHz; Calibrated: 2024/4/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1512; Calibrated: 2024/3/14
- Phantom: ELI V4.0_Right; Type: QD OVA 001 BB; Serial: TP:1025
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (81x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.45 W/kg

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

Reference Value = 19.08 V/m; Power Drift = -0.00 dB

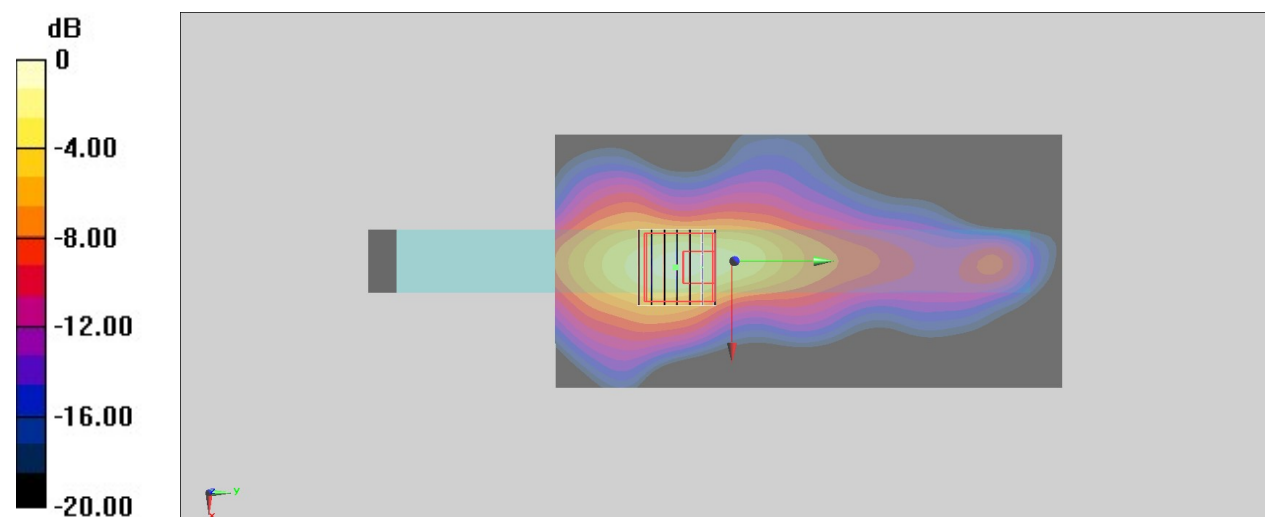
Peak SAR (extrapolated) = 2.71 W/kg

SAR(1 g) = 0.731 W/kg; SAR(10 g) = 0.253 W/kg

Smallest distance from peaks to all points 3 dB below = 8.4 mm

Ratio of SAR at M2 to SAR at M1 = 64.1%

Maximum value of SAR (measured) = 1.68 W/kg



0 dB = 1.68 W/kg = 2.25 dBW/kg

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Date: 2025/2/6

#03_WLAN5GHz_802.11a_6Mbps_Left Edge_0mm_Ch100

Communication System: UID 10417 - AAD, 802.11a; Frequency: 5500 MHz

Medium: HSL_5G_250206 Medium parameters used: $f = 5500$ MHz; $\sigma = 4.833$ S/m; $\epsilon_r = 35.929$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(3.96, 3.67, 4.73) @ 5500 MHz; Calibrated: 2024/4/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1512; Calibrated: 2024/3/14
- Phantom: ELI V4.0_Right; Type: QD OVA 001 BB; Serial: TP:1025
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (81x161x1): 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=4mm, dy=4mm, dz=1.4mm

Reference Value = 18.42 V/m; Power Drift = 0.03 dB

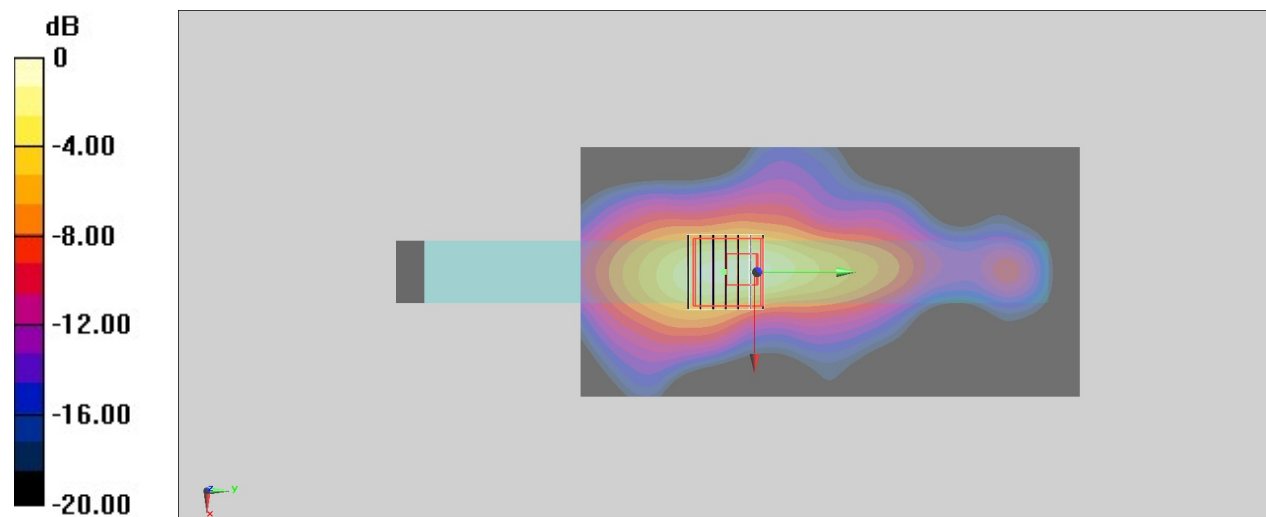
Peak SAR (extrapolated) = 2.67 W/kg

SAR(1 g) = 0.647 W/kg; SAR(10 g) = 0.229 W/kg

Smallest distance from peaks to all points 3 dB below = 6.4 mm

Ratio of SAR at M2 to SAR at M1 = 61.7%

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



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

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Date: 2025/2/6

#04_WLAN5GHz_802.11a 6Mbps_Left Edge_0mm_Ch149

Communication System: UID 10417 - AAD, 802.11a; Frequency: 5745 MHz

Medium: HSL_5G_250206 Medium parameters used: $f = 5745$ MHz; $\sigma = 5.079$ S/m; $\epsilon_r = 35.532$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(4.03, 3.72, 4.8) @ 5745 MHz; Calibrated: 2024/4/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1512; Calibrated: 2024/3/14
- Phantom: ELI V4.0_Right; Type: QD OVA 001 BB; Serial: TP:1025
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (81x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.751 W/kg

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

Reference Value = 13.79 V/m; Power Drift = 0.02 dB

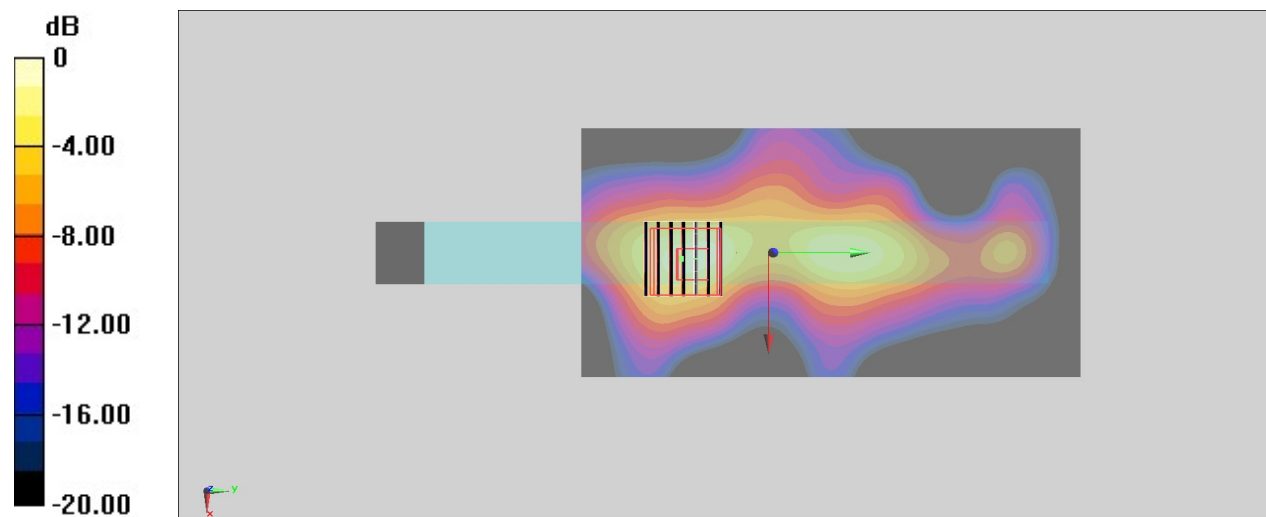
Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 0.365 W/kg; SAR(10 g) = 0.125 W/kg

Smallest distance from peaks to all points 3 dB below = 8.9 mm

Ratio of SAR at M2 to SAR at M1 = 61.1%

Maximum value of SAR (measured) = 0.869 W/kg



0 dB = 0.869 W/kg = -0.61 dBW/kg

Date: 2025-02-07

#05_WLAN6GHz_802.11ax-HE20 MCS0_Left Edge_0mm_Ch173

Communication System: 802.11ax; Frequency: 6815.000 MHz

Medium: HSL_6G_250207 Medium parameters used: $f = 6815.000$ MHz; $\sigma = 6.50$ S/m; $\epsilon_r = 34.6$

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

DASY6 Configuration:

- Probe: EX3DV4 - SN7902; ConvF(5.07, 5.09, 4.97); Calibrated: 2024-12-16
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1326; Calibrated: 2024-07-15
- Phantom: ELI V5.0 (20deg probe tilt); Serial: 1238; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10683-AAC

Area Scan (68.0 mm x 221.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.602 W/kg; SAR (10g) = 0.204 W/kg;

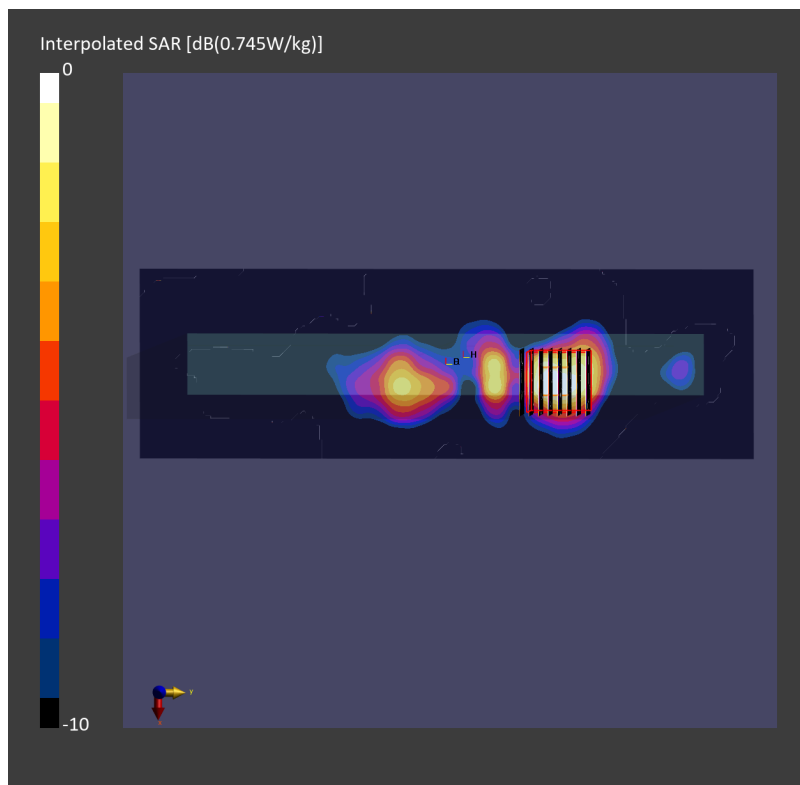
Zoom Scan (23.8 mm x 23.8 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = -0.03 dB

SAR (1g) = 0.563 W/kg; SAR (8g) = 0.207 W/kg; SAR (10g) = 0.179 W/kg

Smallest distance from peaks to all points 3 dB below = 6.7 mm

Ratio of SAR at M2 to SAR at M1 = 50.1 %

psAPD (1.0cm², sq) = 5.63 [W/m²]; psAPD (4.0cm², sq) = 4.15 [W/m²]

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

Date: 2025/2/7

#06_Bluetooth_1Mbps_Left Edge_0mm_Ch0

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

Medium: HSL_2450_250207 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.745$ S/m; $\epsilon_r = 39.493$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(7.51, 6.73, 8.77) @ 2402 MHz; Calibrated: 2024/4/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1512; Calibrated: 2024/3/14
- Phantom: ELI V4.0_Right; Type: QD OVA 001 BB; Serial: TP:1025
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

Area Scan (71x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0609 W/kg

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

Reference Value = 5.946 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.0700 W/kg

SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.016 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 15 mm)

Ratio of SAR at M2 to SAR at M1 = 50.9%

Maximum value of SAR (measured) = 0.0562 W/kg

