



REPORT No.: SZ25090186S01

Annex D Plots of Maximum SAR Test Results

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2025/10/26

WLAN 2.4GHz_802.11b_1Mbps_Edge 1_0mm_Ch1

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1.005

Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.802$ S/m; $\epsilon_r = 38.902$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.57, 7.51, 6.91) @ 2412 MHz; Calibrated: 2025.03.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2025.03.21
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch1/Area Scan (51x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.827 W/kg

Ch1/Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.08 dB

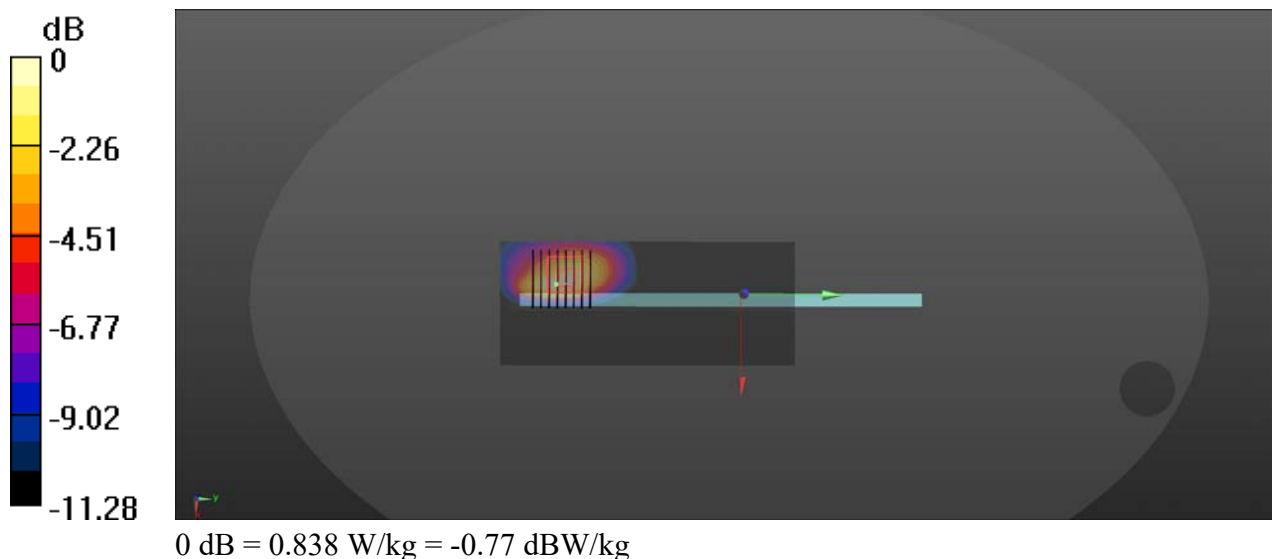
Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.552 W/kg; SAR(10 g) = 0.295 W/kg

Smallest distance from peaks to all points 3 dB below = 7.6 mm

Ratio of SAR at M2 to SAR at M1 = 48.9%

Maximum value of SAR (measured) = 0.838 W/kg



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2025/10/28

WLAN 5.2GHz_802.11ac-VHT40_MCS0_Edge 1_0mm_Ch38

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5190 MHz; Duty Cycle: 1:1.029
Medium: HSL_5250 Medium parameters used: $f = 5190$ MHz; $\sigma = 4.594$ S/m; $\epsilon_r = 35.158$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(5.71, 5.67, 5.21) @ 5190 MHz; Calibrated: 2025.03.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2025.03.21
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch38/Area Scan (61x141x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.06 W/kg

Ch38/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.09 dB

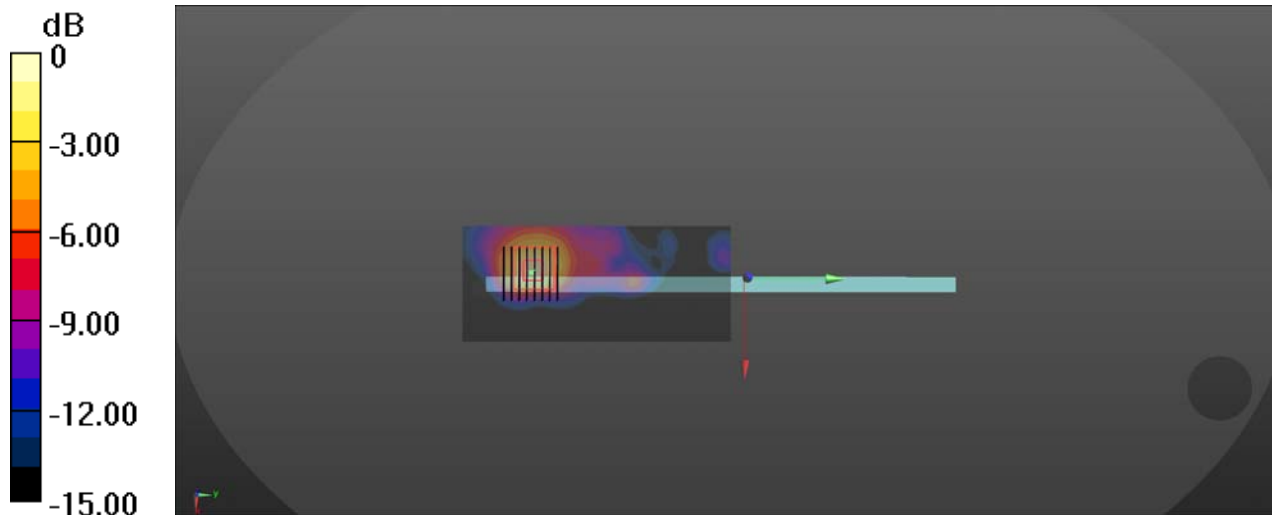
Peak SAR (extrapolated) = 1.72 W/kg

SAR(1 g) = 0.601 W/kg; SAR(10 g) = 0.225 W/kg

Smallest distance from peaks to all points 3 dB below = 8.2 mm

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

Maximum value of SAR (measured) = 1.09 W/kg



0 dB = 1.06 W/kg = 0.25 dBW/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2025/10/28

WLAN 5.3GHz_802.11ac-VHT40_MCS0_Edge 1_0mm_Ch54

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5270 MHz; Duty Cycle: 1:1.044
Medium: HSL_5250 Medium parameters used: $f = 5270$ MHz; $\sigma = 4.713$ S/m; $\epsilon_r = 34.798$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(5.71, 5.67, 5.21) @ 5270 MHz; Calibrated: 2025.03.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2025.03.21
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch54/Area Scan (61x141x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Reference Value = 0 V/m; Power Drift = 999.00 dB

Fast SAR: SAR(1 g) = 0.571 W/kg; SAR(10 g) = 0.205 W/kg

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

Ch54/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.10 dB

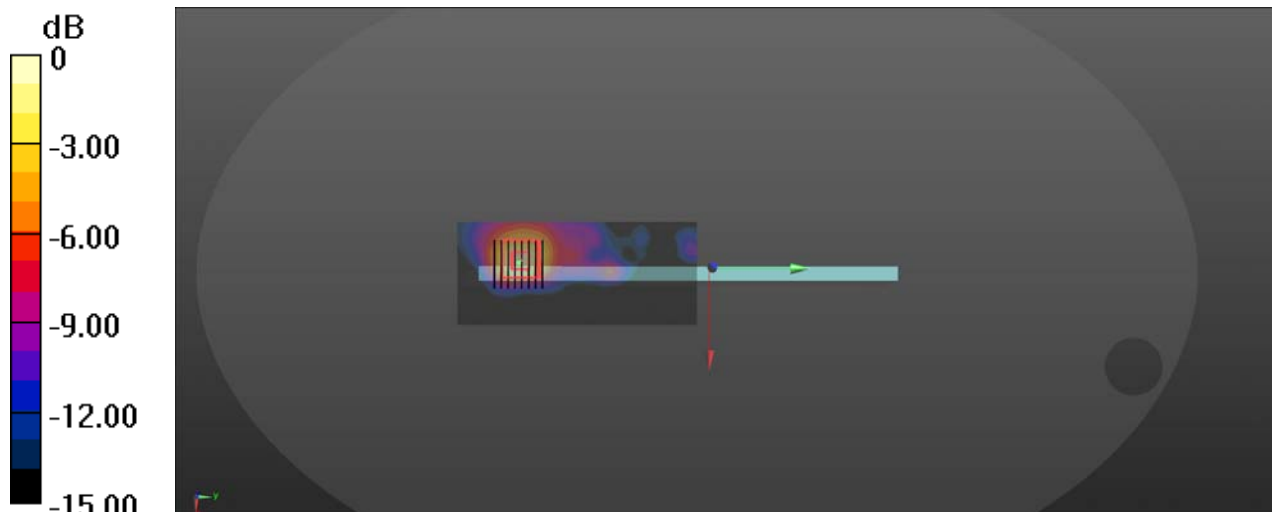
Peak SAR (extrapolated) = 1.86 W/kg

SAR(1 g) = 0.638 W/kg; SAR(10 g) = 0.239 W/kg

Smallest distance from peaks to all points 3 dB below = 7.6 mm

Ratio of SAR at M2 to SAR at M1 = 63.7%

Maximum value of SAR (measured) = 1.16 W/kg



0 dB = 1.16 W/kg = 0.64 dBW/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2025/10/29

WLAN 5.5GHz_802.11n-HT20_MCS0_Edge 1_0mm_Ch100

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5500 MHz; Duty Cycle: 1:1.031
Medium: HSL_5600 Medium parameters used: $f = 5500$ MHz; $\sigma = 4.7$ S/m; $\epsilon_r = 34.831$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(5.31, 5.28, 4.85) @ 5500 MHz; Calibrated: 2025.03.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2025.03.21
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch100/Area Scan (61x141x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.40 W/kg

Ch100/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.05 dB

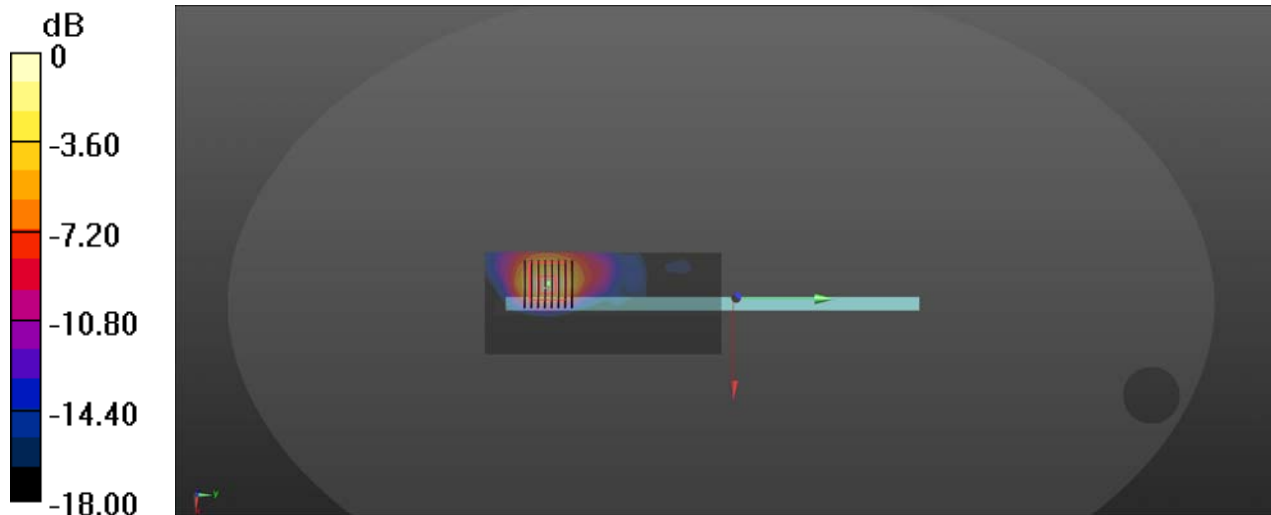
Peak SAR (extrapolated) = 3.82 W/kg

SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.421 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 59.8%

Maximum value of SAR (measured) = 2.18 W/kg



0 dB = 2.18 W/kg = 3.38 dBW/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2025/10/31

WLAN 5.8GHz_802.11a_6Mbps_Edge 1_0mm_Ch149

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5745 MHz; Duty Cycle: 1:1.031
Medium: HSL_5750 Medium parameters used: $f = 5745$ MHz; $\sigma = 5.129$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(5.23, 5.19, 4.77) @ 5745 MHz; Calibrated: 2025.03.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2025.03.21
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch149/Area Scan (61x141x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 4.56 W/kg

Ch149/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.06 dB

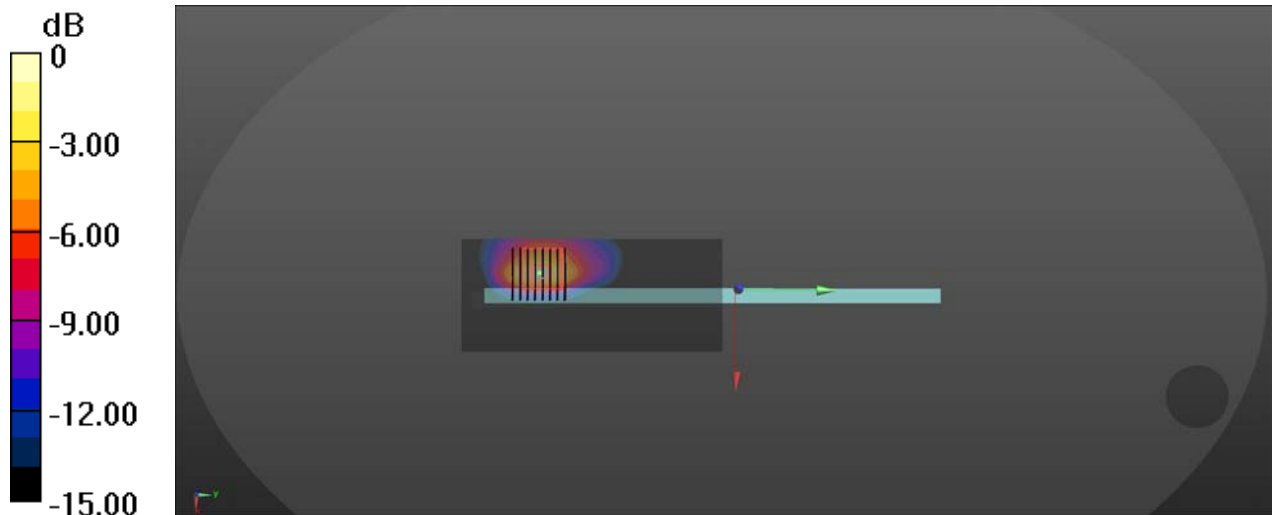
Peak SAR (extrapolated) = 6.54 W/kg

SAR(1 g) = 1.21 W/kg; SAR(10 g) = 0.402 W/kg

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

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

Maximum value of SAR (measured) = 3.64 W/kg



0 dB = 4.56 W/kg = 6.59 dBW/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2025/10/26

Bluetooth_DH5_Edge 1_0mm_Ch39

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.300
Medium: HSL_2450 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.807$ S/m; $\epsilon_r = 38.83$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.57, 7.51, 6.91) @ 2441 MHz; Calibrated: 2025.03.20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2025.03.21
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch39/Area Scan (51x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.126 W/kg

Ch39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.115 W/kg
SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.031 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 51.4%
Maximum value of SAR (measured) = 0.0921 W/kg

