



REPORT No.: SZ24060118S01

## Annex D Plots of Maximum SAR Test Results

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

Date: 2024.07.18

## WLAN2.4GHz\_802.11b 1Mbps\_Top Side\_0mm\_Ch11

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2462 MHz; Duty Cycle: 1:1.011  
Medium: HSL\_2450 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.863$  S/m;  $\epsilon_r = 39.335$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.22, 7.22, 7.22) @ 2462 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch11/Area Scan (111x111x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.877 V/m; Power Drift = 0.06 dB

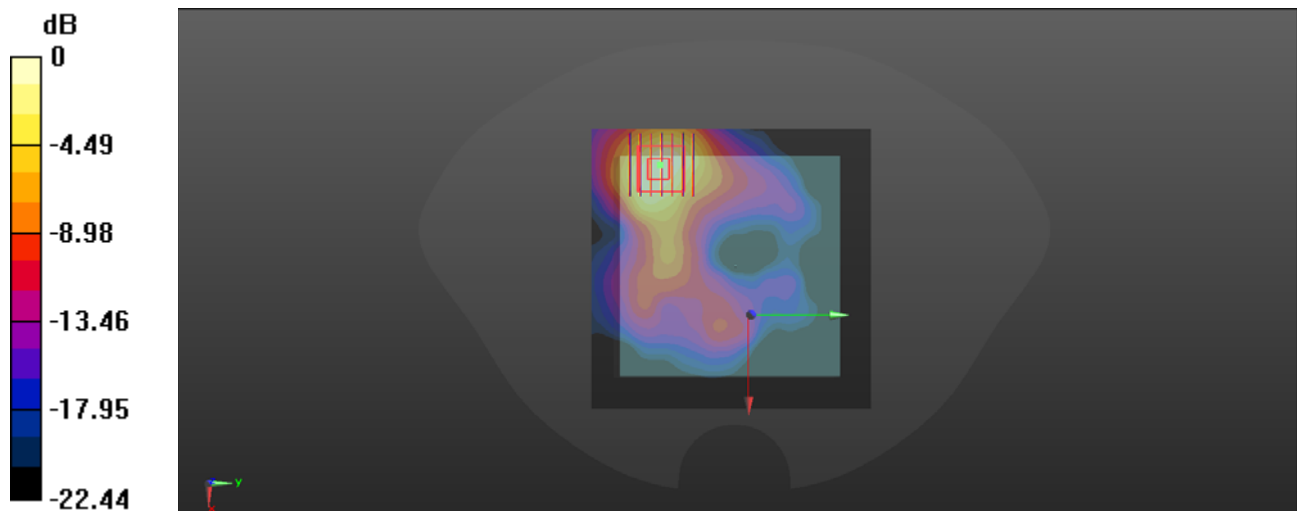
Peak SAR (extrapolated) = 1.83 W/kg

**SAR(1 g) = 0.956 W/kg; SAR(10 g) = 0.474 W/kg**

Smallest distance from peaks to all points 3 dB below = 10.6 mm

Ratio of SAR at M2 to SAR at M1 = 52.5%

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



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## WLAN2.4GHZ\_802.11n-HT20 MCS0\_Top Side\_0mm\_Ch11

Communication System: UID 0, WLAN 2.4GHz 802.11n-HT20 MCS0 (0); Frequency: 2462 MHz; Duty Cycle: 1:1.076

Medium: HSL\_2450 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.863$  S/m;  $\epsilon_r = 39.335$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

### DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.22, 7.22, 7.22) @ 2462 MHz; Calibrated: 2023.09.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.09.19
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Ch11/Area Scan (111x111x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.937 W/kg

**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.04 dB

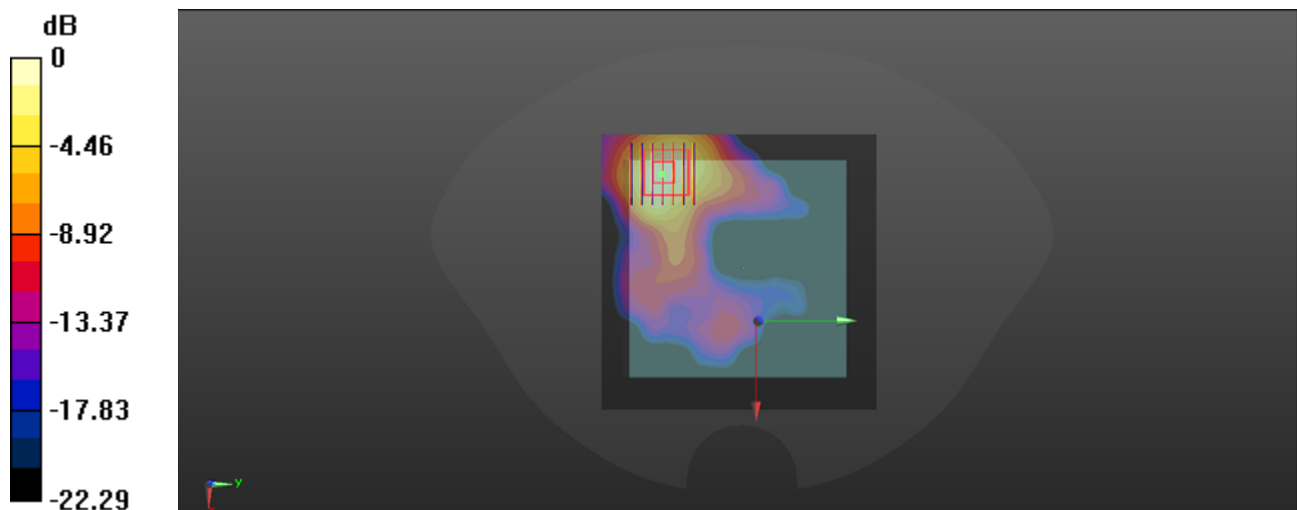
Peak SAR (extrapolated) = 1.16 W/kg

**SAR(1 g) = 0.627 W/kg; SAR(10 g) = 0.316 W/kg**

Smallest distance from peaks to all points 3 dB below = 10.8 mm

Ratio of SAR at M2 to SAR at M1 = 54.3%

Maximum value of SAR (measured) = 0.904 W/kg



0 dB = 0.904 W/kg