



REPORT No.: SZ22120179S01

Annex D Plots of Maximum SAR Test Results

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

Date: 2023.02.23

WLAN 2.4GHz_802.11b 1Mbps_Back Side_5mm_Ch7

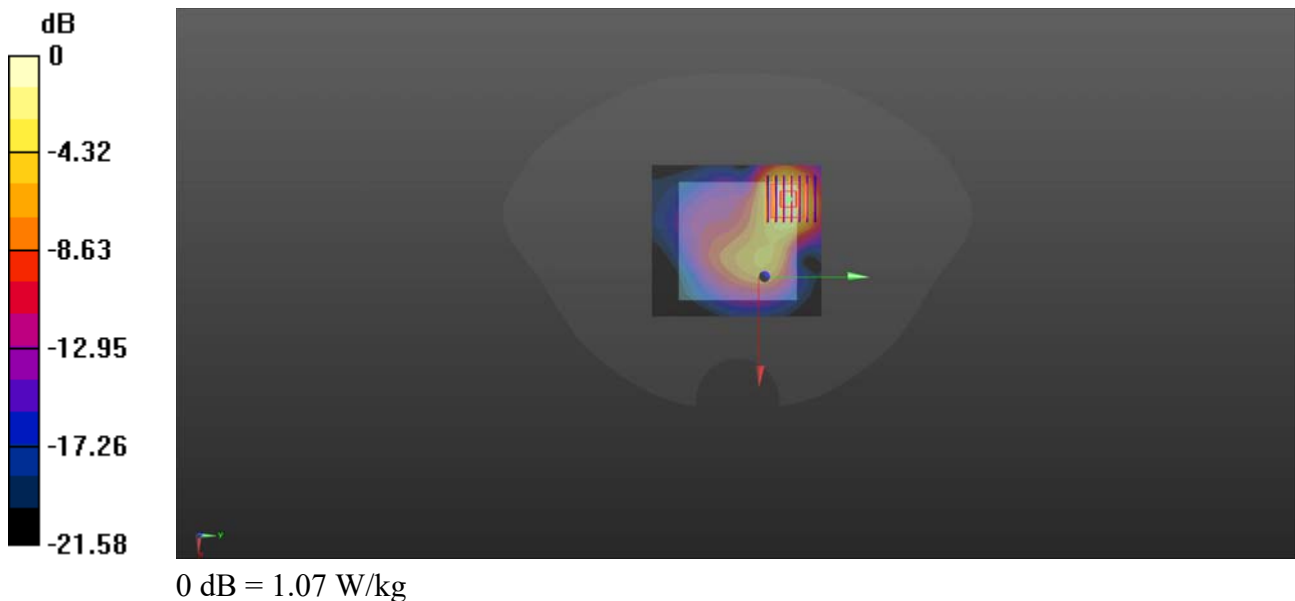
Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2442 MHz; Duty Cycle: 1:1.012
Medium: HSL_2450 Medium parameters used (interpolated): $f = 2442$ MHz; $\sigma = 1.802$ S/m; $\epsilon_r = 38.902$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7624; ConvF(7.71, 7.71, 7.71) @ 2442 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2022.12.28
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch7/Area Scan (81x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.02 W/kg

Ch7/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.213 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.58 W/kg
SAR(1 g) = 0.546 W/kg; SAR(10 g) = 0.261 W/kg
Maximum value of SAR (measured) = 1.07 W/kg



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

Date: 2023.02.23

Bluetooth_DH5_Back Side_5mm_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.298
Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.749$ S/m; $\epsilon_r = 38.922$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7624; ConvF(7.71, 7.71, 7.71) @ 2450 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2022.12.28
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch0/Area Scan (81x91x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 0.224 W/kg

Ch0/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 3.788 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.294 W/kg
SAR(1 g) = 0.140 W/kg; SAR(10 g) = 0.067 W/kg
Maximum value of SAR (measured) = 0.213 W/kg

