



REPORT No.: SZ24100230S01

Annex D Plots of Maximum SAR Test Results



WLAN2.4GHz_802.11b 1Mbps_Top Side_5mm_Ch1

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1.011

Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.717$ S/m; $\epsilon_r = 37.077$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3974; ConvF(8.04, 8.04, 8.04) @ 2412 MHz; Calibrated: 2024/4/10
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1423; Calibrated: 2024/3/17
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Ch1/Area Scan (51x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.66 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.69 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.13 W/kg

SAR(1 g) = 0.879 W/kg; SAR(10 g) = 0.329 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 43.7%

Maximum value of SAR (measured) = 1.49 W/kg

