



REPORT No.: SZ25080020S01

Annex C Plots of System Performance Check

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

Date: 2025/8/21

System Check_2450MHz

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.833$ S/m; $\epsilon_r = 40.807$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.26, 7.26, 7.26) @ 2450 MHz; Calibrated: 2024/11/11
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2024/11/11
- Phantom: SAM 1; Type: QD000P40CD; Serial: 1811
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

CW2450/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 15.0 W/kg

CW2450/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 57.29 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 17.0 W/kg

SAR(1 g) = 5.37 W/kg; SAR(10 g) = 2.55 W/kg

Smallest distance from peaks to all points 3 dB below = 10.1 mm

Ratio of SAR at M2 to SAR at M1 = 50.7%

Maximum value of SAR (measured) = 10.9 W/kg

