



REPORT No.: SZ25110221S01

## Annex C Plots of System Performance Check

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

Date: 2025/1/26

## 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;  $\sigma = 1.823$  S/m;  $\epsilon_r = 38.791$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.57, 7.51, 6.91) @ 2450 MHz; Calibrated: 2025/3/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1324; Calibrated: 2025/8/15
- 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=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 12.7 W/kg

**CW2450/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 69.46 V/m; Power Drift = 0.03 dB  
Peak SAR (extrapolated) = 13.8 W/kg  
**SAR(1 g) = 5.17 W/kg; SAR(10 g) = 2.43 W/kg**  
Smallest distance from peaks to all points 3 dB below = 8.1 mm  
Ratio of SAR at M2 to SAR at M1 = 60.3%  
Maximum value of SAR (measured) = 10.8 W/kg

