



REPORT No.: SZ24060118S01

Annex C Plots of System Performance Check

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

Date: 2024.07.18

System Check_2450MHz_Head

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium: HSL_2450 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.851$ S/m; $\epsilon_r = 39.422$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.22, 7.22, 7.22) @ 2450 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)

CW2450/Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 22.4 W/kg

CW2450/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 87.40 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 29.4 W/kg
SAR(1 g) = 13.9 W/kg; SAR(10 g) = 6.45 W/kg
Smallest distance from peaks to all points 3 dB below = 9.5 mm
Ratio of SAR at M2 to SAR at M1 = 47.9%
Maximum value of SAR (measured) = 21.3 W/kg

