



REPORT No.: SZ24120013S01

## Annex C Plots of System Performance Check

## 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;  $\sigma = 1.885$  S/m;  $\epsilon_r = 37.831$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
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 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**CW2450/Area Scan (101x101x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm  
Maximum value of SAR (interpolated) = 25.1 W/kg

**CW2450/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm  
Reference Value = 96.5 V/m; Power Drift = -0.16 dB  
Peak SAR (extrapolated) = 37.9 W/kg  
**SAR(1 g) = 13.4 W/kg; SAR(10 g) = 5.68 W/kg**  
Smallest distance from peaks to all points 3 dB below = 8.5 mm  
Ratio of SAR at M2 to SAR at M1 = 44.5%  
Maximum value of SAR (measured) = 25.9 W/kg

