



REPORT No. : SZ21060259S01

## 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;  $\sigma = 1.827$  S/m;  $\epsilon_r = 39.333$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.28, 7.28, 7.28) @ 2450 MHz; Calibrated: 2021.01.22
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**CW2450/Area Scan (101x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

**CW2450/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 89.57 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 28.4 W/kg

**SAR(1 g) = 13.26 W/kg; SAR(10 g) = 6.23 W/kg**

Maximum value of SAR (measured) = 14.6 W/kg

