



REPORT No. : SZ19100195S01

## Annex C Plots of System Performance Check

## System Check\_900MHz\_Head

Communication System: UID 0, CW (0); Frequency: 900 MHz; Duty Cycle: 1:1

Medium: HSL\_900 Medium parameters used:  $f = 900$  MHz;  $\sigma = 0.983$  S/m;  $\epsilon_r = 42.203$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3685; ConvF(8.59, 8.59, 8.59); Calibrated: 2019.03.25;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2019.04.11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**CW900/Area Scan (81x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.87 W/kg

**CW900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 52.04 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 3.68 W/kg

**SAR(1 g) = 2.74 W/kg; SAR(10 g) = 1.7 W/kg**

Maximum value of SAR (measured) = 2.87 W/kg

