



REPORT No. : SZ18100035S01

## Annex C Plots of System Performance Check

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## System Check\_2450MHz\_Body\_181020

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_181020 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 2.014$  S/m;  $\epsilon_r = 50.597$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3154; ConvF(4.28, 4.28, 4.28); Calibrated: 2017.10.30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1516; Calibrated: 2018.07.14
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**CW 2450/Area Scan (101x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 13.64 W/kg

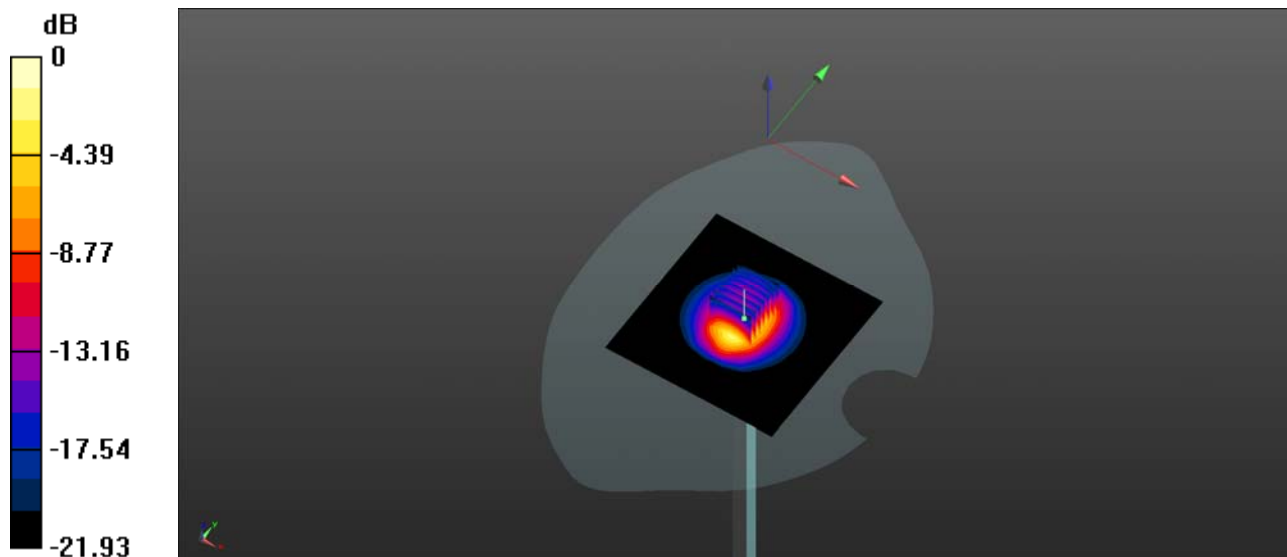
**CW 2450/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 112.54 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 26.41 W/kg

**SAR(1 g) = 13.24 W/kg; SAR(10 g) = 6.17 W/kg**

Maximum value of SAR (measured) = 20.41 W/kg



0 dB = 20.41 W/kg