



REPORT No . : SZ20120339S02

## 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:  $f = 2450 \text{ MHz}$ ;  $\sigma = 1.808 \text{ S/m}$ ;  $\epsilon_r = 38.837$ ;  $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3975; ConvF(7.56, 7.56, 7.56); Calibrated: 2020.05.20;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.10 (7331)

**CW2450/Area Scan (71x71x1):** Interpolated grid:  $dx=1.200 \text{ mm}$ ,  $dy=1.200 \text{ mm}$   
Maximum value of SAR (interpolated) = 21.2 W/kg

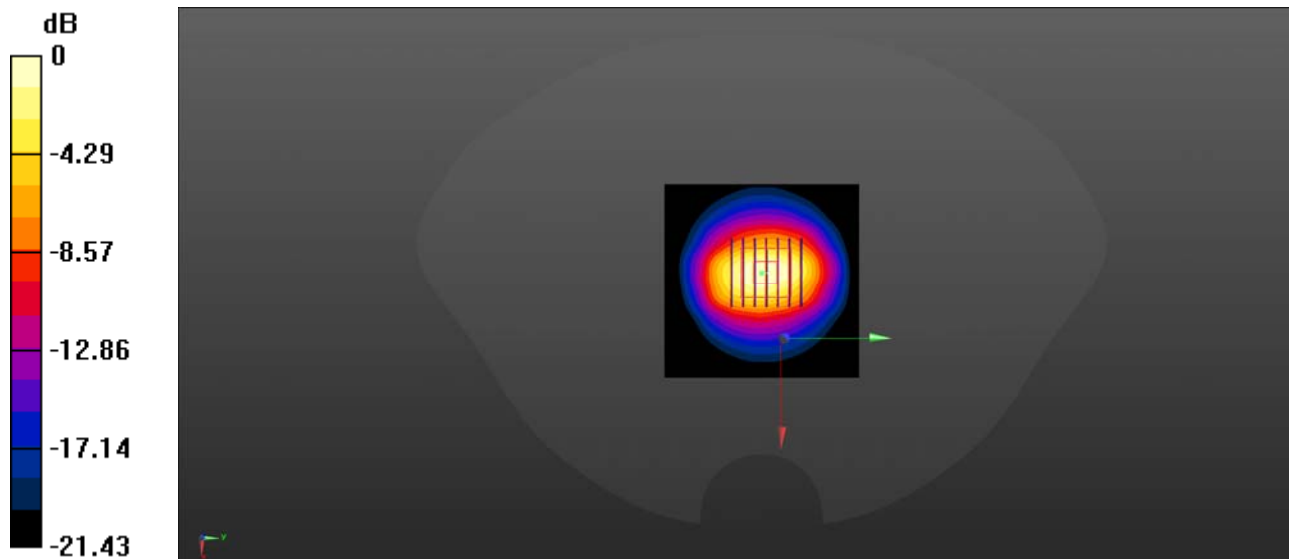
**CW2450/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 108.6 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 27.5 W/kg

**SAR(1 g) = 13.4 W/kg; SAR(10 g) = 6.24 W/kg**

Maximum value of SAR (measured) = 20.5 W/kg



0 dB = 20.5 W/kg