



REPORT No.: SZ20120249S01

## Annex C Plots of System Performance Check

### System Check\_2450MHz\_Head

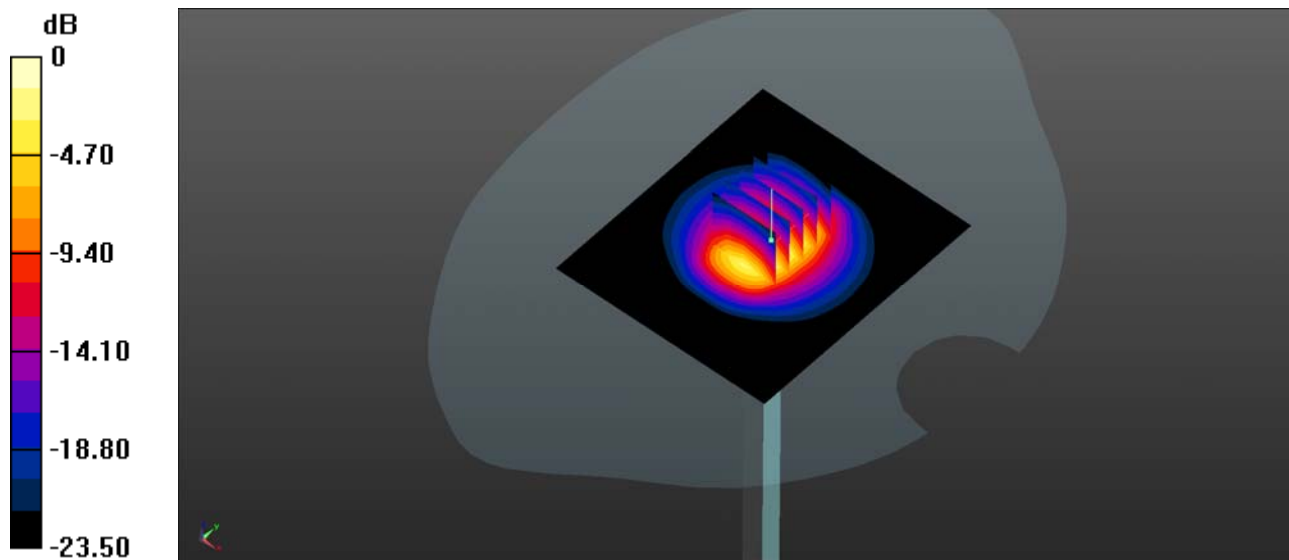
Communication System: UID 0, CW (0); Frequency: 2450 MHz;Duty Cycle: 1:1  
Medium: HSL\_2450 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.842$  S/m;  $\epsilon_r = 38.819$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.58, 7.58, 7.58); Calibrated: 2020.11.27;;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2020.11.30
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**CW2450/Area Scan (71x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 16.39 W/kg

**CW2450/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 89.03 V/m; Power Drift = -0.09 dB  
Peak SAR (extrapolated) = 26.4 W/kg  
**SAR(1 g) = 13.26 W/kg; SAR(10 g) = 6.17 W/kg**  
Maximum value of SAR (measured) = 16.39 W/kg



0 dB = 16.39 W/kg

## System Check\_5250MHz\_Head

Communication System: UID 0, CW (0); Frequency: 5250 MHz; Duty Cycle: 1:1

Medium: HSL\_5250 Medium parameters used:  $f = 5250$  MHz;  $\sigma = 4.699$  S/m;  $\epsilon_r = 36.981$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(5.36, 5.36, 5.36); Calibrated: 2020.11.27;;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2020.11.30
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**CW5250/Area Scan (101x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 20.22 W/kg

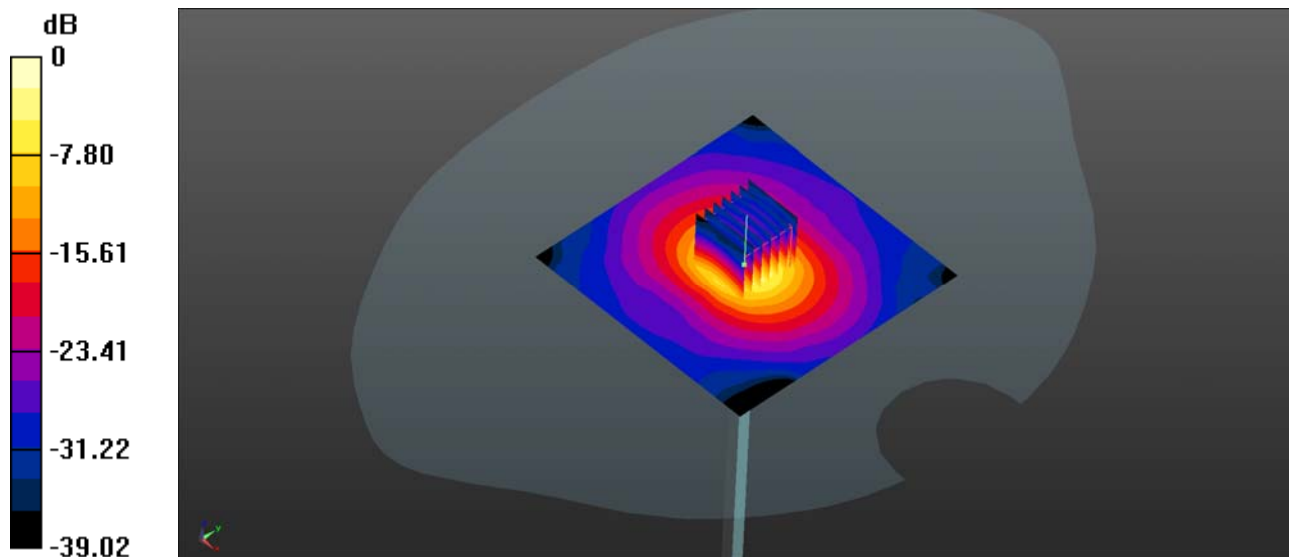
**CW5250/Zoom Scan (7x7x13)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 51.76 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 40.5 W/kg

**SAR(1 g) = 8.01 W/kg; SAR(10 g) = 2.21 W/kg**

Maximum value of SAR (measured) = 20.22 W/kg



0 dB = 20.22 W/kg