

REPORT No.: SZ19020085S01

# **Annex C Plots of System Performance Check**



Http://www.morlab.cn E-mail: service@morlab.cn

### System Check 2450MHz Head 190227

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1 Medium: HSL\_2450 Medium parameters used: f = 2450 MHz;  $\sigma = 1.838$  S/m;  $\epsilon_r = 40.92$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Date: 2019.02.27

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.3 °C

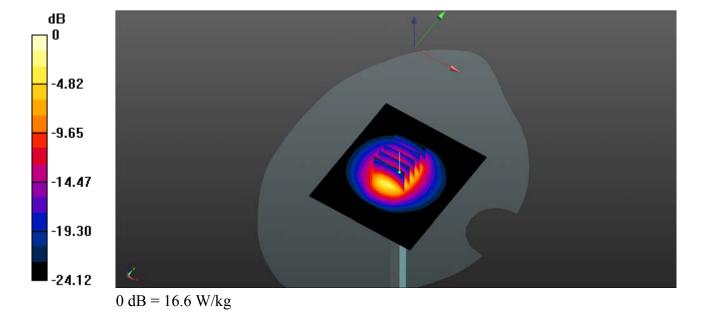
#### DASY5 Configuration:

- Probe: EX3DV4 SN3823; ConvF(7.34, 7.34, 7.34); Calibrated: 2018.11.12;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- 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) = 16.6 W/kg

CW2450/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm Reference Value = 88.15 V/m; Power Drift = 0.00 dB Peak SAR (extrapolated) = 29.7 W/kg SAR(1 g) = 13.4 W/kg; SAR(10 g) = 6.02 W/kg

Maximum value of SAR (measured) = 14.9 W/kg



## System Check 2450MHz Body 190227

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1 Medium: MSL\_2450 Medium parameters used: f = 2450 MHz;  $\sigma$  = 1.868 S/m;  $\epsilon_r$  = 53.046;  $\rho$  = 1000 kg/m<sup>3</sup>

Date: 2019.02.27

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.2 °C

#### DASY5 Configuration:

- Probe: EX3DV4 SN3823; ConvF(7.15, 7.15, 7.15); Calibrated: 2018.11.12;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- 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) = 13.9 W/kg

CW 2450/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm Reference Value = 86.21 V/m; Power Drift = 0.09 dB Peak SAR (extrapolated) = 24.5 W/kg SAR(1 g) = 12 W/kg; SAR(10 g) = 5.61 W/kg

Maximum value of SAR (measured) = 13.9 W/kg

