



REPORT No.: SZ23020199S01

## Annex C Plots of System Performance Check

## System Check\_900MHz

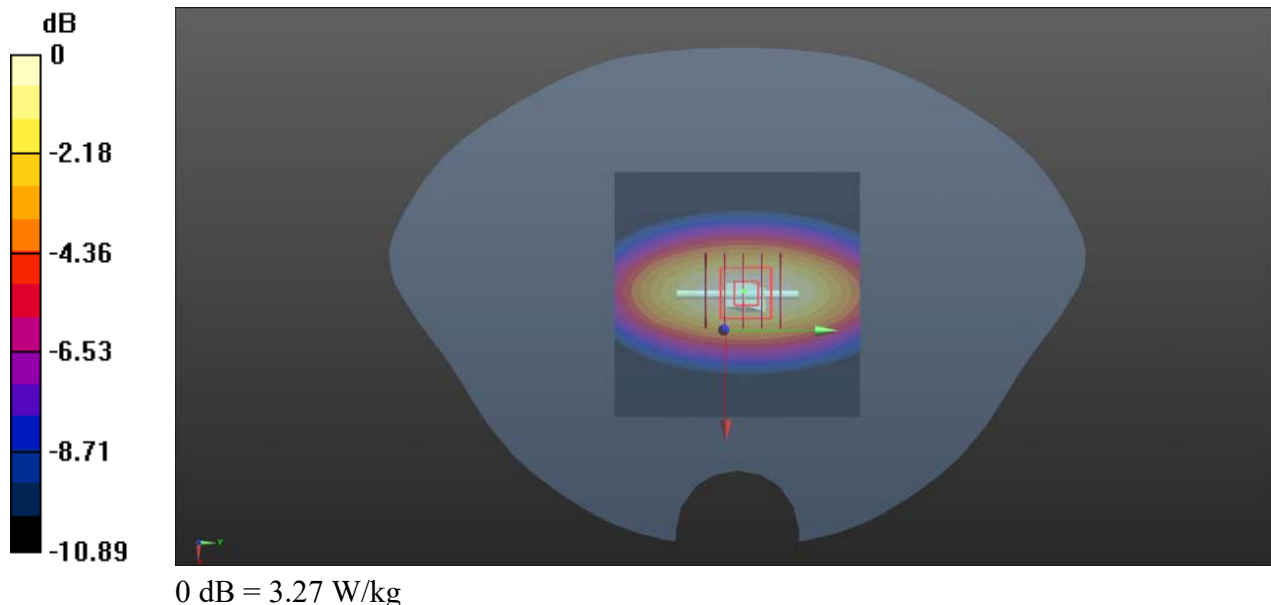
Communication System: UID 0, CW (0); Frequency: 900 MHz; Duty Cycle: 1:1  
Medium: HSL\_900 Medium parameters used:  $f = 900$  MHz;  $\sigma = 0.943$  S/m;  $\epsilon_r = 40.931$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7624; ConvF(10.1, 10.1, 10.1) @ 841.5 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2022.12.28
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**CW900/Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 3.24 W/kg

**CW900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 55.19 V/m; Power Drift = -0.02 dB  
Peak SAR (extrapolated) = 3.85 W/kg  
**SAR(1 g) = 2.77 W/kg; SAR(10 g) = 1.83 W/kg**  
Maximum value of SAR (measured) = 3.27 W/kg



Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd.

Date: 2023.02.24

## System Check\_1800MHz\_Head

Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1

Medium: HSL\_1800 Medium parameters used:  $f = 1800$  MHz;  $\sigma = 1.425$  S/m;  $\epsilon_r = 40.348$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7624; ConvF(8.6, 8.6, 8.6) @ 841.5 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2022.12.28
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**CW1800/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 12.8 W/kg

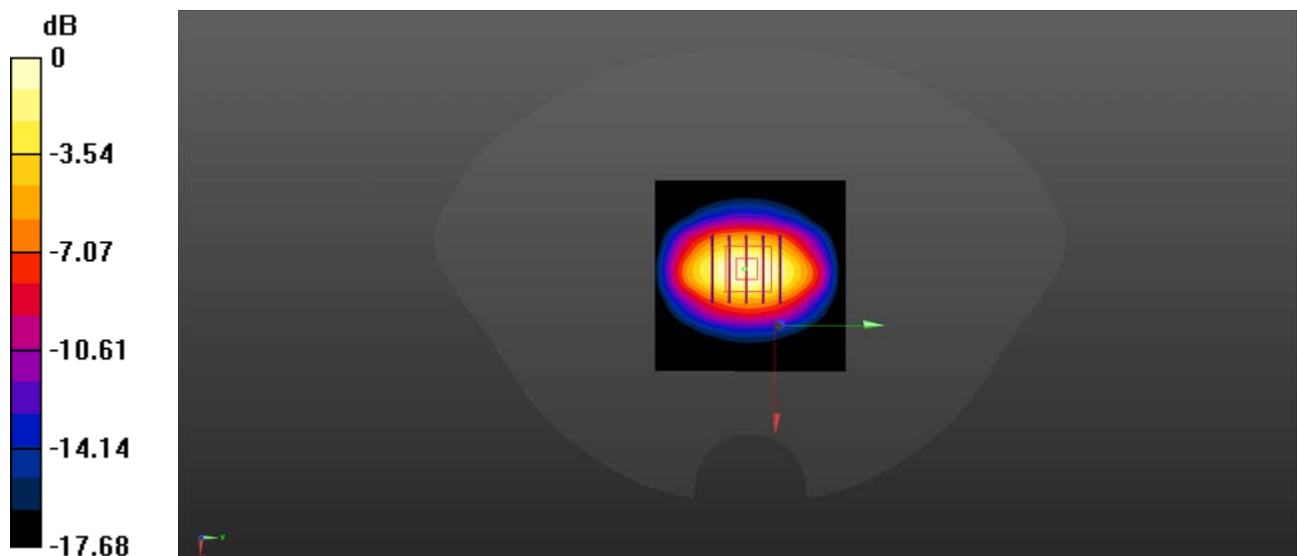
**CW1800/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 85.43 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 15.9 W/kg

**SAR(1 g) = 9.48 W/kg; SAR(10 g) = 4.89 W/kg**

Maximum value of SAR (measured) = 12.4 W/kg



0 dB = 12.4 W/kg

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## System Check\_2600MHz\_Head

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1

Medium: HSL\_2600 Medium parameters used:  $f = 2600$  MHz;  $\sigma = 2.039$  S/m;  $\epsilon_r = 38.540$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7624; ConvF(7.5, 7.5, 7.5) @ 841.5 MHz; Calibrated: 2022.03.31
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2022.12.28
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**CW2600/Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 18.2 W/kg

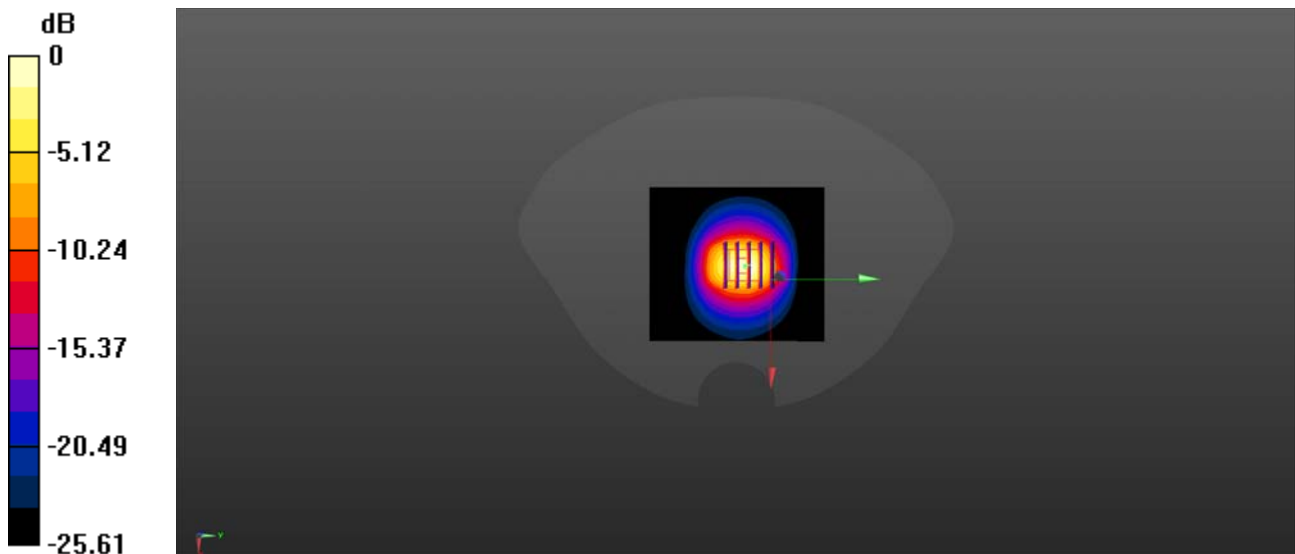
**CW2600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 76.38 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 18.3 W/kg

**SAR(1 g) = 13.91 W/kg; SAR(10 g) = 6.52 W/kg**

Maximum value of SAR (measured) = 17.99 W/kg



0 dB = 17.99 W/kg