



REPORT No.: SZ25120016S01

Annex C Plots of System Performance Check

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

Date: 2025/12/5

System Check_900MHz

Communication System: UID 0, CW (0); Frequency: 900 MHz; Duty Cycle: 1:1

Medium: HSL_900 Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 0.942 \text{ S/m}$; $\epsilon_r = 41.473$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3295; ConvF(6.25, 6.25, 6.25) @ 900 MHz; Calibrated: 2025/8/15
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2025/3/21
- Phantom: SAM 1; Type: QD000P40CD; Serial: 1811
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

CW900/Area Scan (61x61x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 3.76 W/kg

CW900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 59.67 V/m; Power Drift = -0.03 dB

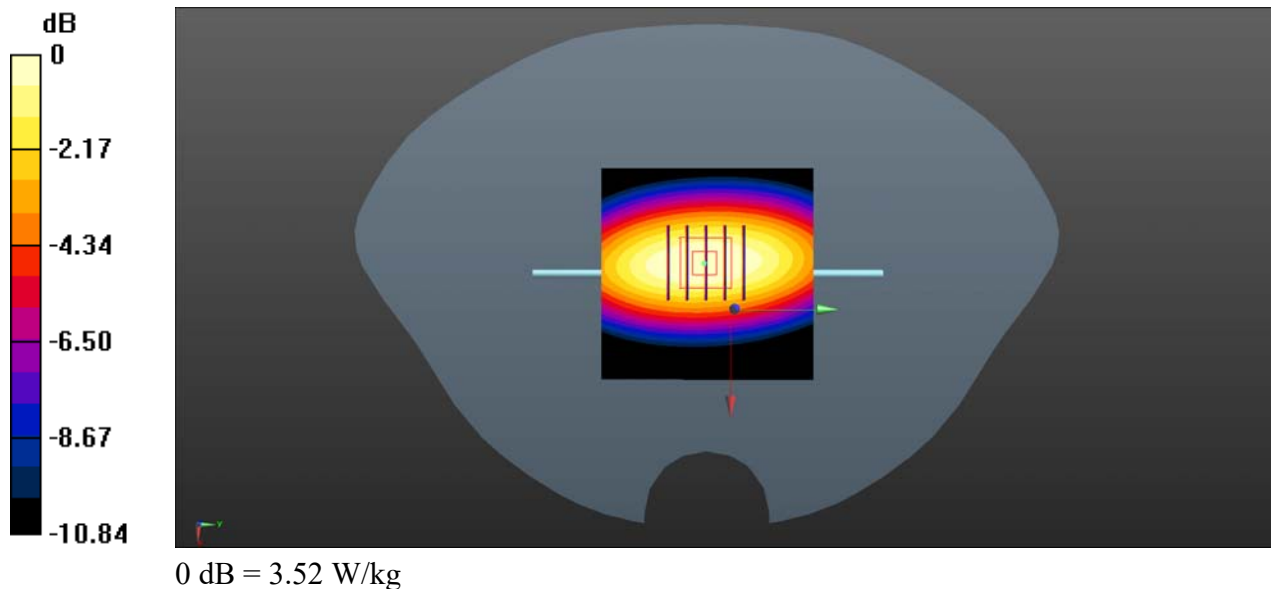
Peak SAR (extrapolated) = 5.111 W/kg

SAR(1 g) = 2.87 W/kg; SAR(10 g) = 1.72 W/kg

Smallest distance from peaks to all points 3 dB below = 17.9 mm

Ratio of SAR at M2 to SAR at M1 = 62.9%

Maximum value of SAR (measured) = 3.52 W/kg



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

Date: 2025/12/5

System Check_1800MHz

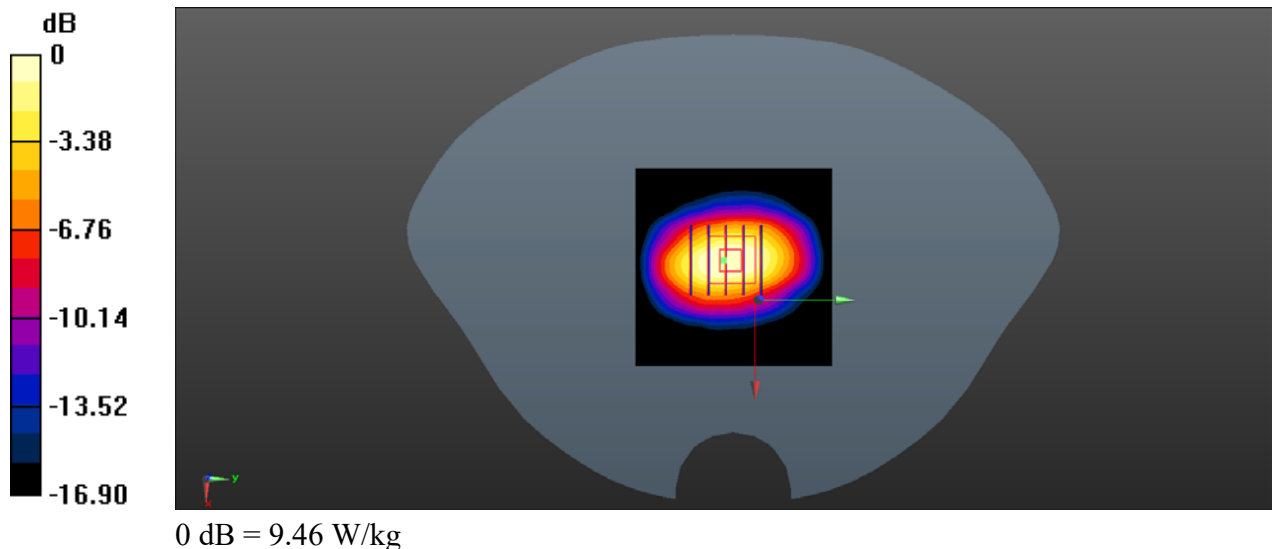
Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
Medium: HSL_1800 Medium parameters used: $f = 1800$ MHz; $\sigma = 1.427$ S/m; $\epsilon_r = 41.309$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(8.01, 7.95, 7.31) @ 1800 MHz; Calibrated: 2025/3/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2025/3/21
- Phantom: SAM 1; Type: QD000P40CD; Serial: 1811
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

CW1800/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 10.25 W/kg

CW1800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 62.15 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 6.89 W/kg
SAR(1 g) = 9.56 W/kg; SAR(10 g) = 5.07 W/kg
Smallest distance from peaks to all points 3 dB below = 11.2 mm
Ratio of SAR at M2 to SAR at M1 = 58%
Maximum value of SAR (measured) = 9.46 W/kg



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

Date: 2025/12/5

System Check_5250MHz

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

Medium: HSL_5250 Medium parameters used: $f = 5250$ MHz; $\sigma = 4.691$ S/m; $\epsilon_r = 35.614$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(5.71, 5.67, 5.21) @ 5250 MHz; Calibrated: 2025/3/20
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2025/3/21
- Phantom: SAM 1; Type: QD000P40CD; Serial: 1811
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

Maximum value of SAR (interpolated) = 9.74 W/kg

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

Reference Value = 78.25 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 15.6 W/kg

SAR(1 g) = 8.09 W/kg; SAR(10 g) = 2.18 W/kg

Smallest distance from peaks to all points 3 dB below = 7.4 mm

Ratio of SAR at M2 to SAR at M1 = 53.6%

Maximum value of SAR (measured) = 7.25 W/kg

