



REPORT No.: SZ24090015S01

Annex C Plots of System Performance Check



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

Date: 2025/5/14

System Check_750MHz

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: $f = 750$ MHz; $\sigma = 0.914$ S/m; $\epsilon_r = 41.112$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.39, 9.39, 9.39) @ 750 MHz; Calibrated: 2024/11/11
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1324; Calibrated: 2024/7/5
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

CW750/Area Scan (91x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.69 W/kg

CW750/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 47.74 V/m; Power Drift = 0.11 dB

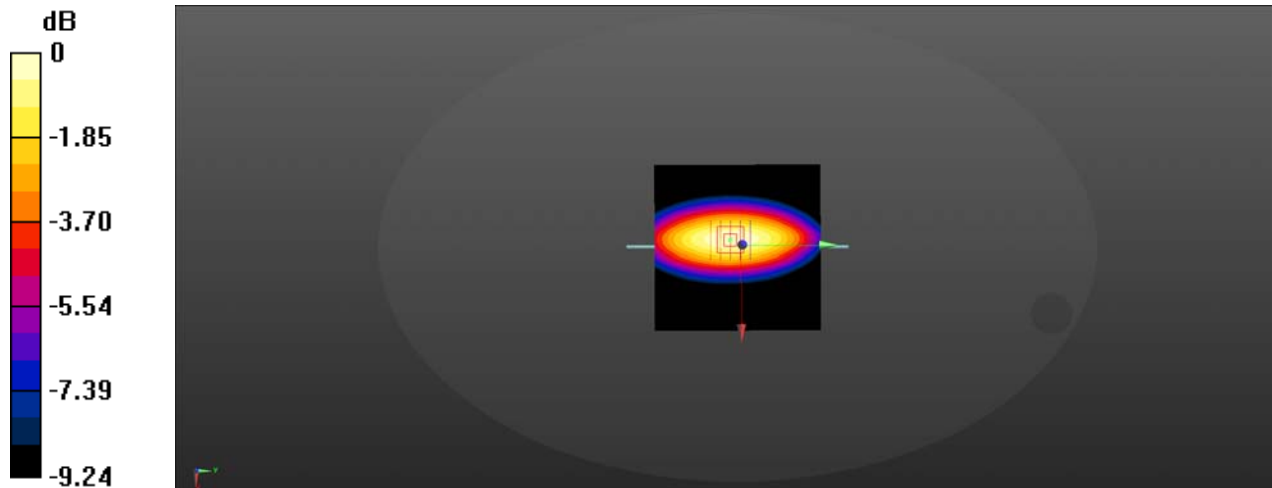
Peak SAR (extrapolated) = 3.13 W/kg

SAR(1 g) = 2.16 W/kg; SAR(10 g) = 1.48 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 16 mm)

Ratio of SAR at M2 to SAR at M1 = 69.3%

Maximum value of SAR (measured) = 2.68 W/kg



0 dB = 2.68 W/kg = 4.28 dBW/kg

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

Date: 2025/5/21

System Check_750MHz

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1

Medium: HSL_750 Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.909 \text{ S/m}$; $\epsilon_r = 41.736$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.39, 9.39, 9.39) @ 750 MHz; Calibrated: 2024/11/11
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1324; Calibrated: 2024/7/5
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

CW750/Area Scan (91x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 2.35 W/kg

CW750/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

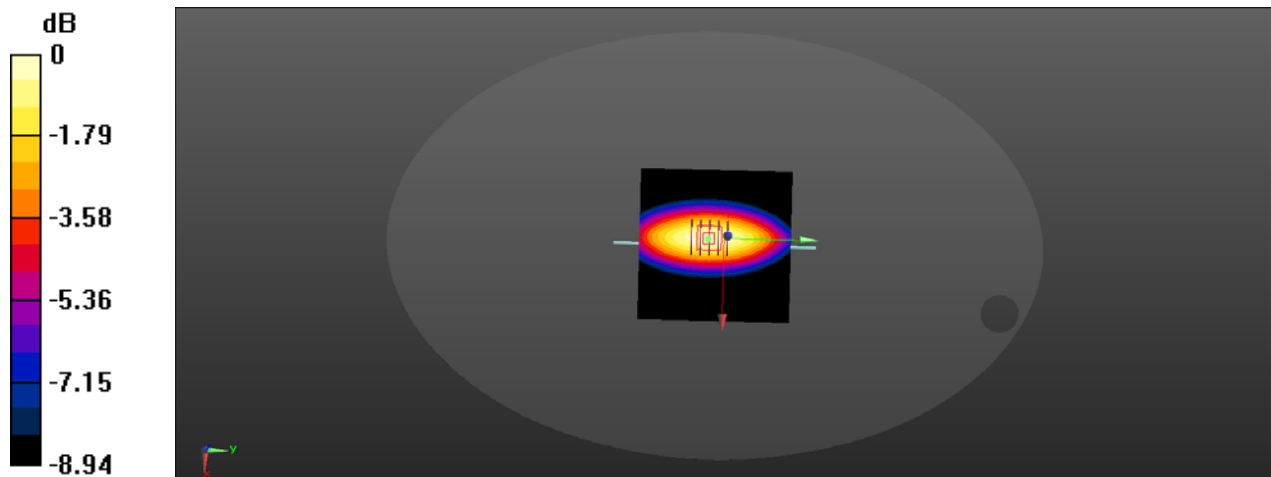
Reference Value = 45.18 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.96 W/kg

SAR(1 g) = 2.08 W/kg; SAR(10 g) = 1.39 W/kgSmallest distance from peaks to all points 3 dB below: Larger than measurement grid ($> 16 \text{ mm}$)

Ratio of SAR at M2 to SAR at M1 = 69.5%

Maximum value of SAR (measured) = 2.38 W/kg



0 dB = 2.38 W/kg

System Check_900MHz

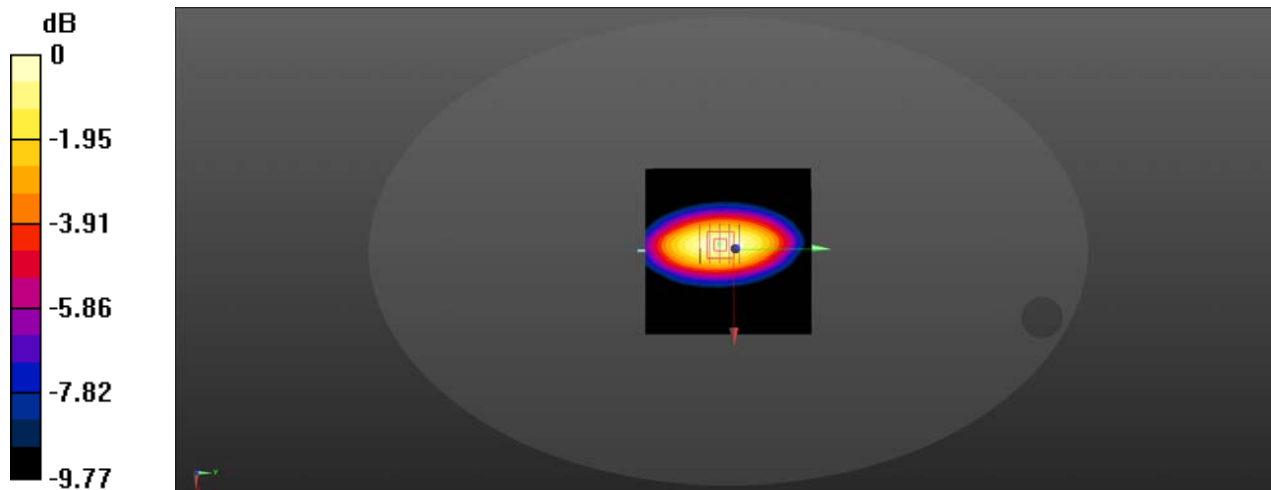
Communication System: UID 0, CW (0); Frequency: 900 MHz; Duty Cycle: 1:1
Medium: HSL_900 Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 0.959 \text{ S/m}$; $\epsilon_r = 40.651$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9, 9, 9) @ 900 MHz; Calibrated: 2024/11/11
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1324; Calibrated: 2024/7/5
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

CW900/Area Scan (91x91x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 3.66 W/kg

CW900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 54.25 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 4.30 W/kg
SAR(1 g) = 2.93 W/kg; SAR(10 g) = 1.92 W/kg
Smallest distance from peaks to all points 3 dB below = 18.7 mm
Ratio of SAR at M2 to SAR at M1 = 68.4%
Maximum value of SAR (measured) = 3.68 W/kg



0 dB = 3.68 W/kg = 5.66 dBW/kg

System Check_1800MHz

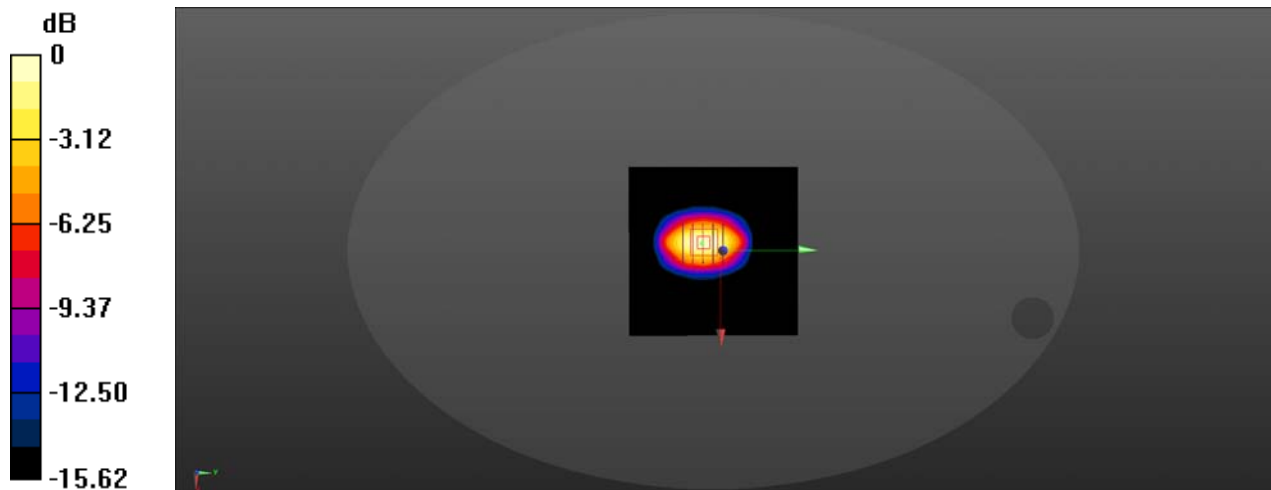
Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
Medium: HSL_1800 Medium parameters used: $f = 1800$ MHz; $\sigma = 1.397$ S/m; $\epsilon_r = 40.375$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.95, 7.95, 7.95) @ 1800 MHz; Calibrated: 2024/11/11
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1324; Calibrated: 2024/7/5
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

CW1800/Area Scan (91x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 13.4 W/kg

CW1800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 76.68 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 16.5 W/kg
SAR(1 g) = 9.69 W/kg; SAR(10 g) = 5.36 W/kg
Smallest distance from peaks to all points 3 dB below = 11.2 mm
Ratio of SAR at M2 to SAR at M1 = 58.6%
Maximum value of SAR (measured) = 13.4 W/kg



0 dB = 13.4 W/kg = 11.27 dBW/kg

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

Date: 2025/5/15

System Check_2000MHz

Communication System: UID 0, CW (0); Frequency: 2000 MHz; Duty Cycle: 1:1

Medium: HSL_2000 Medium parameters used: $f = 2000$ MHz; $\sigma = 1.423$ S/m; $\epsilon_r = 39.781$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.65, 7.65, 7.65) @ 2000 MHz; Calibrated: 2024/11/11
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1324; Calibrated: 2024/7/5
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

CW2000/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 14.5 W/kg

CW2000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 81.23 V/m; Power Drift = 0.07 dB

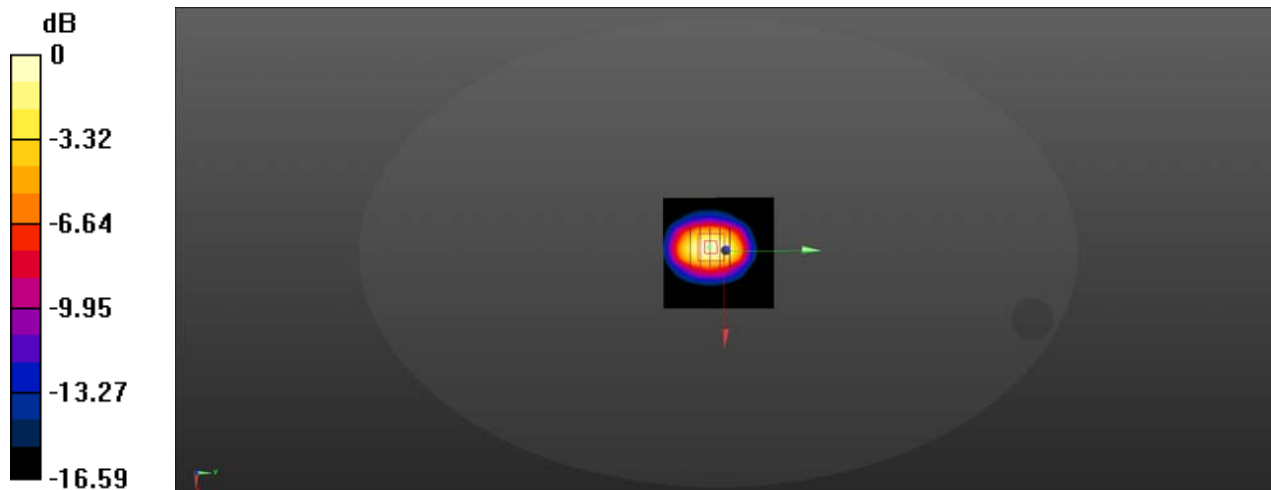
Peak SAR (extrapolated) = 17.2 W/kg

SAR(1 g) = 9.81 W/kg; SAR(10 g) = 5.33 W/kg

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 57.6%

Maximum value of SAR (measured) = 13.8 W/kg



0 dB = 13.8 W/kg = 11.40 dBW/kg

System Check_2300MHz

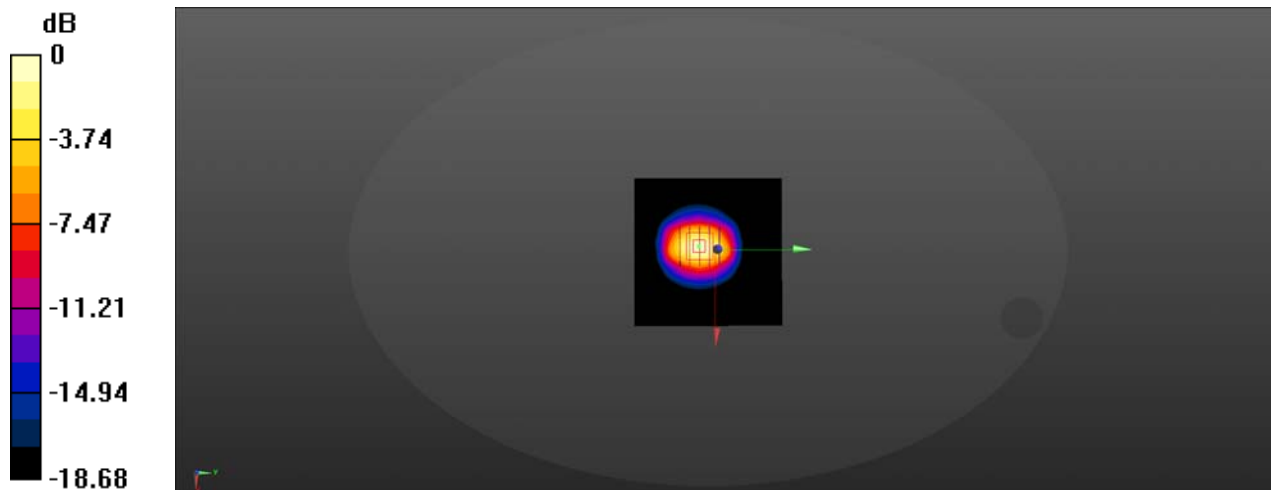
Communication System: UID 0, CW (0); Frequency: 2300 MHz; Duty Cycle: 1:1
Medium: HSL_2300 Medium parameters used: $f = 2300$ MHz; $\sigma = 1.634$ S/m; $\epsilon_r = 39.351$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.51, 7.51, 7.51) @ 2300 MHz; Calibrated: 2024/11/11
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1324; Calibrated: 2024/7/5
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

CW2300/Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 11.6 W/kg

CW2300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 43.06 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 16.1 W/kg
SAR(1 g) = 13.15 W/kg; SAR(10 g) = 6.13 W/kg
Smallest distance from peaks to all points 3 dB below = 10.1 mm
Ratio of SAR at M2 to SAR at M1 = 55.4%
Maximum value of SAR (measured) = 11.5 W/kg



0 dB = 11.5 W/kg = 6.43 dBW/kg

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

Date: 2025/5/20

System Check_2450MHz

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.815$ S/m; $\epsilon_r = 38.811$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.26, 7.26, 7.26) @ 2450 MHz; Calibrated: 2024/11/11
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1324; Calibrated: 2024/7/5
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

CW2450/Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

CW2450/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 54.24 V/m; Power Drift = 0.13 dB

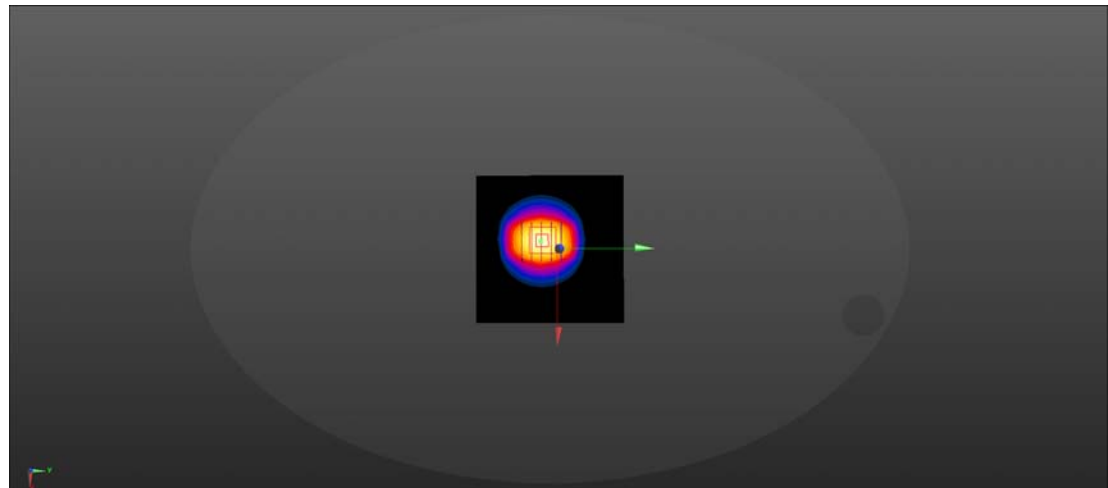
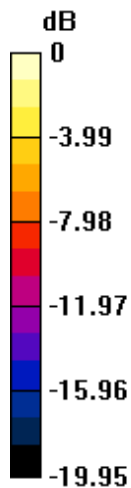
Peak SAR (extrapolated) = 16.6 W/kg

SAR(1 g) = 13.65 W/kg; SAR(10 g) = 6.63 W/kg

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 54.1%

Maximum value of SAR (measured) = 12.5 W/kg



0 dB = 12.5 W/kg = 6.67 dBW/kg

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

Date: 2025/5/22

System Check_2600MHz

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

Medium: HSL_2600 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.005$ S/m; $\epsilon_r = 38.548$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.09, 7.09, 7.09) @ 2600 MHz; Calibrated: 2024/11/11
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1324; Calibrated: 2024/7/5
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

CW2600/Area Scan (91x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 22.6 W/kg

CW2600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 81.04 V/m; Power Drift = 0.09 dB

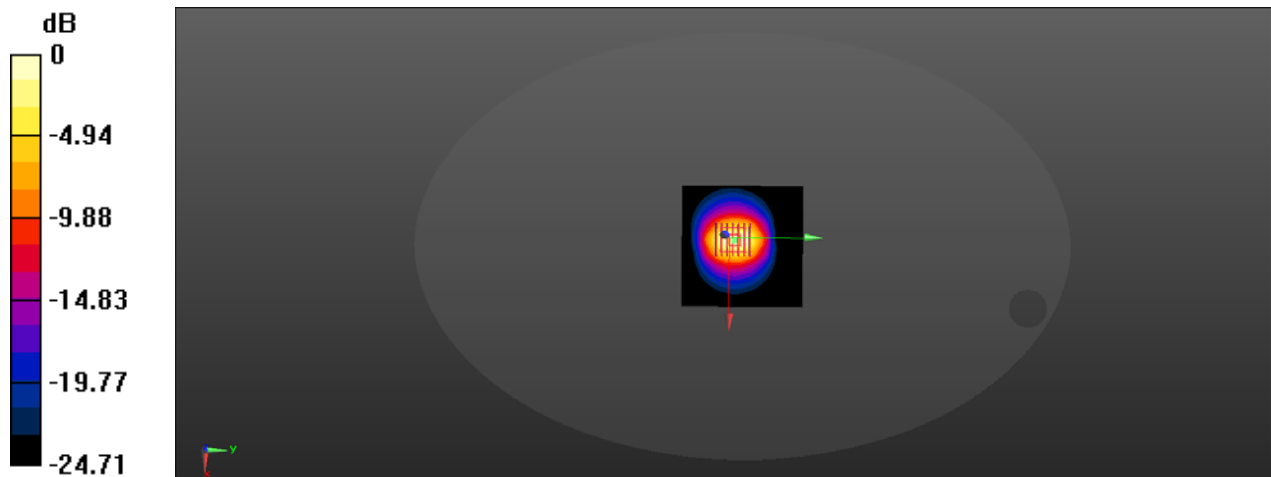
Peak SAR (extrapolated) = 29.1 W/kg

SAR(1 g) = 14.57 W/kg; SAR(10 g) = 6.69 W/kg

Smallest distance from peaks to all points 3 dB below = 10 mm

Ratio of SAR at M2 to SAR at M1 = 52.2%

Maximum value of SAR (measured) = 21.9 W/kg



0 dB = 21.9 W/kg

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

Date: 2025/5/23

System Check_2600MHz

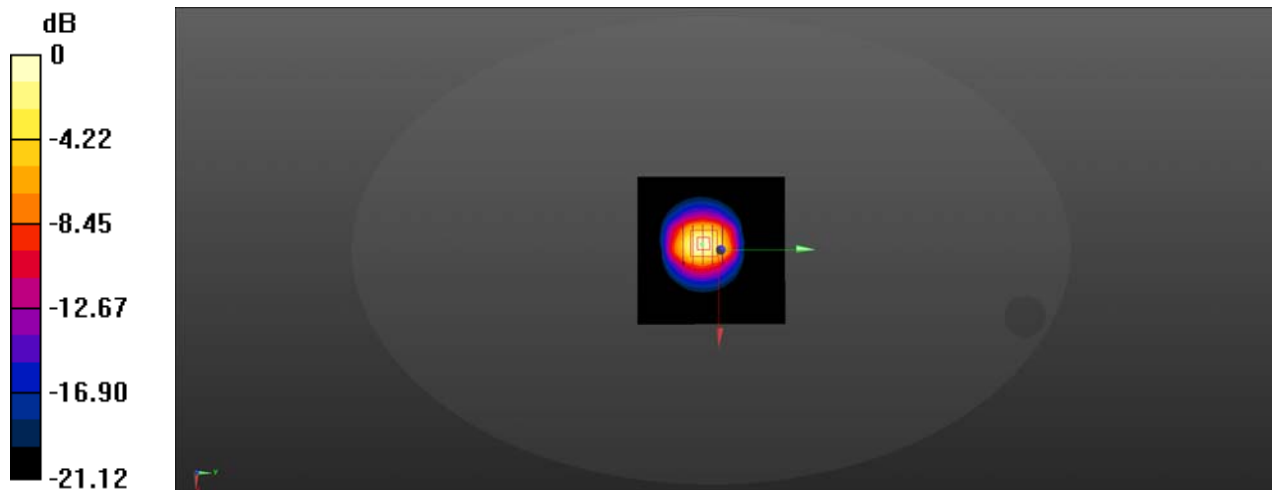
Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
Medium: HSL_2600 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.014$ S/m; $\epsilon_r = 38.411$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.09, 7.09, 7.09) @ 2600 MHz; Calibrated: 2024/11/11
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1324; Calibrated: 2024/7/5
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

CW2600/Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 16.3 W/kg

CW2600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 57.28 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 17.5 W/kg
SAR(1 g) = 14.32 W/kg; SAR(10 g) = 6.71 W/kg
Smallest distance from peaks to all points 3 dB below = 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 52.3%
Maximum value of SAR (measured) = 16.1 W/kg



0 dB = 16.1 W/kg = 7.24 dBW/kg

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

Date: 2025/5/24

System Check_5250MHz

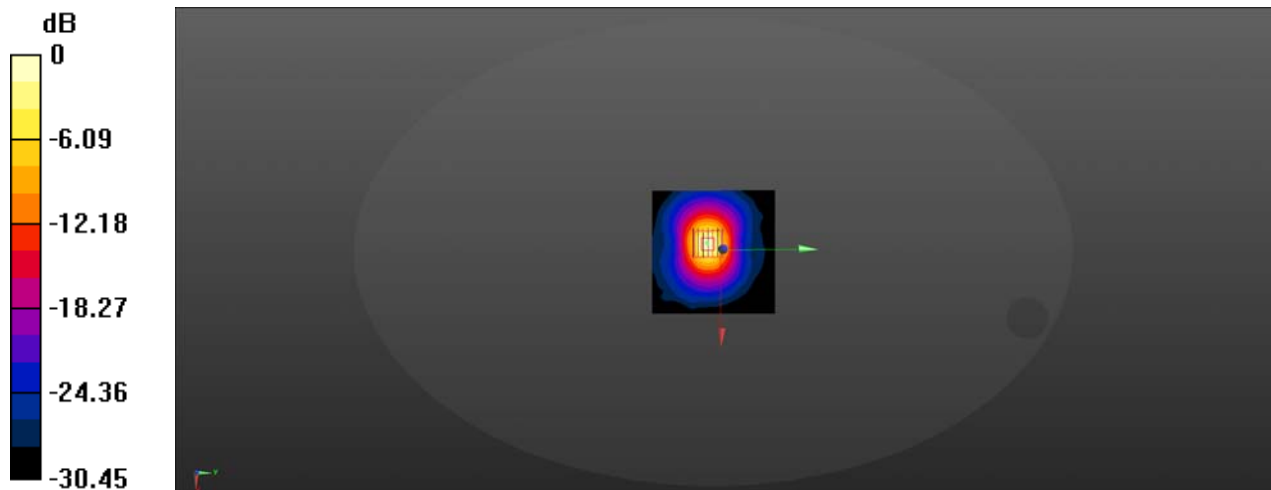
Communication System: UID 0, CW (0); Frequency: 5250 MHz; Duty Cycle: 1:1
Medium: HSL_5250 Medium parameters used: $f = 5250$ MHz; $\sigma = 4.715$ S/m; $\epsilon_r = 35.326$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(5.1, 5.1, 5.1) @ 5250 MHz; Calibrated: 2024/11/11
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1324; Calibrated: 2024/7/5
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- 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) = 17.9 W/kg

CW5250/Zoom Scan (7x7x13)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 30.12 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 25.9 W/kg
SAR(1 g) = 7.86 W/kg; SAR(10 g) = 2.25 W/kg
Smallest distance from peaks to all points 3 dB below = 7.5 mm
Ratio of SAR at M2 to SAR at M1 = 60.5%
Maximum value of SAR (measured) = 18.4 W/kg



0 dB = 18.4 W/kg = 10.30 dBW/kg

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

Date: 2025/5/26

System Check_5600MHz

Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1

Medium: HSL_5600 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.125$ S/m; $\epsilon_r = 35.819$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(4.47, 4.47, 4.47) @ 5600 MHz; Calibrated: 2024/11/11
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1324; Calibrated: 2024/7/5
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

CW5600/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 13.5 W/kg

CW5600/Zoom Scan (7x7x13)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 29.76 V/m; Power Drift = 0.02 dB

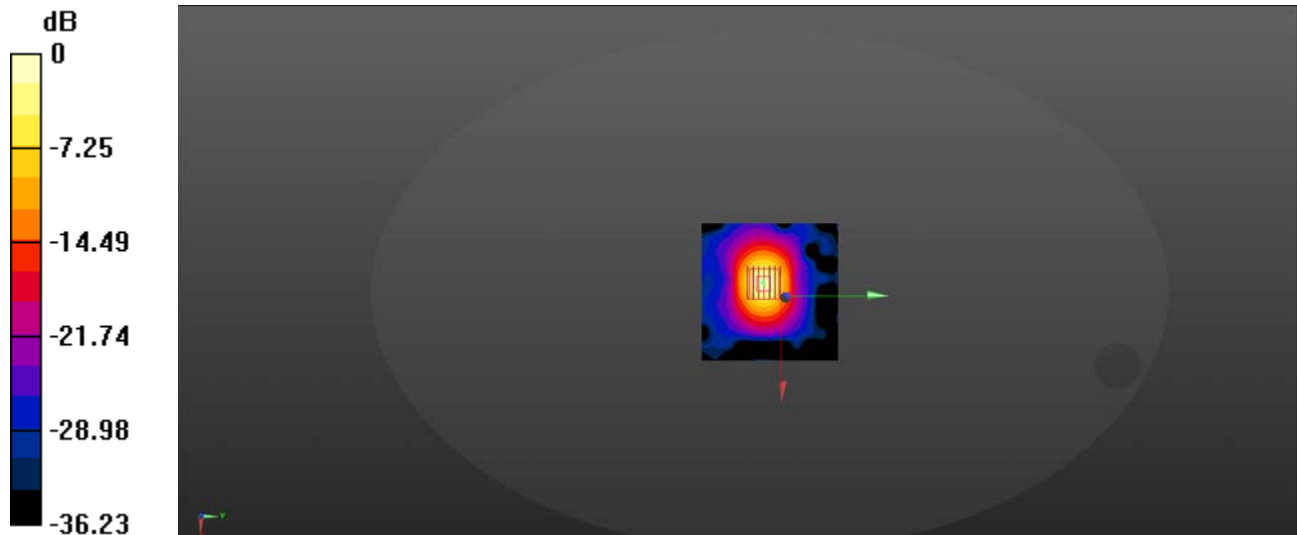
Peak SAR (extrapolated) = 25.2 W/kg

SAR(1 g) = 8.95 W/kg; SAR(10 g) = 2.29 W/kg

Smallest distance from peaks to all points 3 dB below = 7.5 mm

Ratio of SAR at M2 to SAR at M1 = 57.5%

Maximum value of SAR (measured) = 14.0 W/kg



0 dB = 14.0 W/kg = 11.46 dBW/kg

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

Date: 2025/5/27

System Check_5750MHz

Communication System: UID 0, CW (0); Frequency: 5750 MHz; Duty Cycle: 1:1

Medium: HSL_5750 Medium parameters used: $f = 5750$ MHz; $\sigma = 5.188$ S/m; $\epsilon_r = 34.353$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(4.6, 4.6, 4.6) @ 5750 MHz; Calibrated: 2024/11/11
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1324; Calibrated: 2024/7/5
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

CW5750/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 17.4 W/kg

CW5750/Zoom Scan (7x7x13)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 34.16 V/m; Power Drift = 0.14 dB

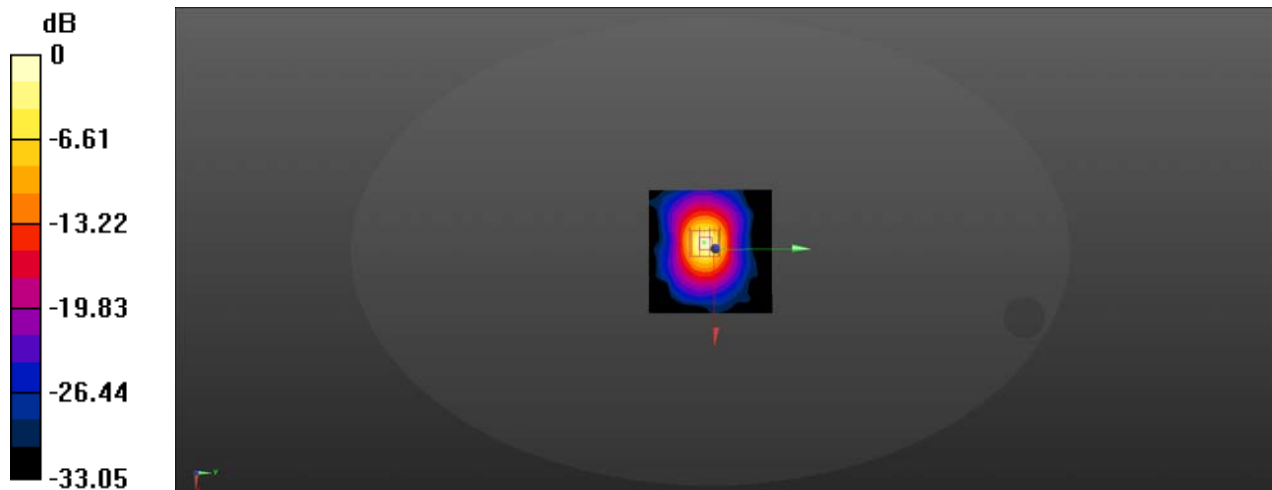
Peak SAR (extrapolated) = 33.7 W/kg

SAR(1 g) = 7.96 W/kg; SAR(10 g) = 2.28 W/kg

Smallest distance from peaks to all points 3 dB below = 7.5 mm

Ratio of SAR at M2 to SAR at M1 = 56.3%

Maximum value of SAR (measured) = 18.1 W/kg



0 dB = 18.1 W/kg = 12.58 dBW/kg