# Annex C Plots of System Performance Check

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2024/5/11

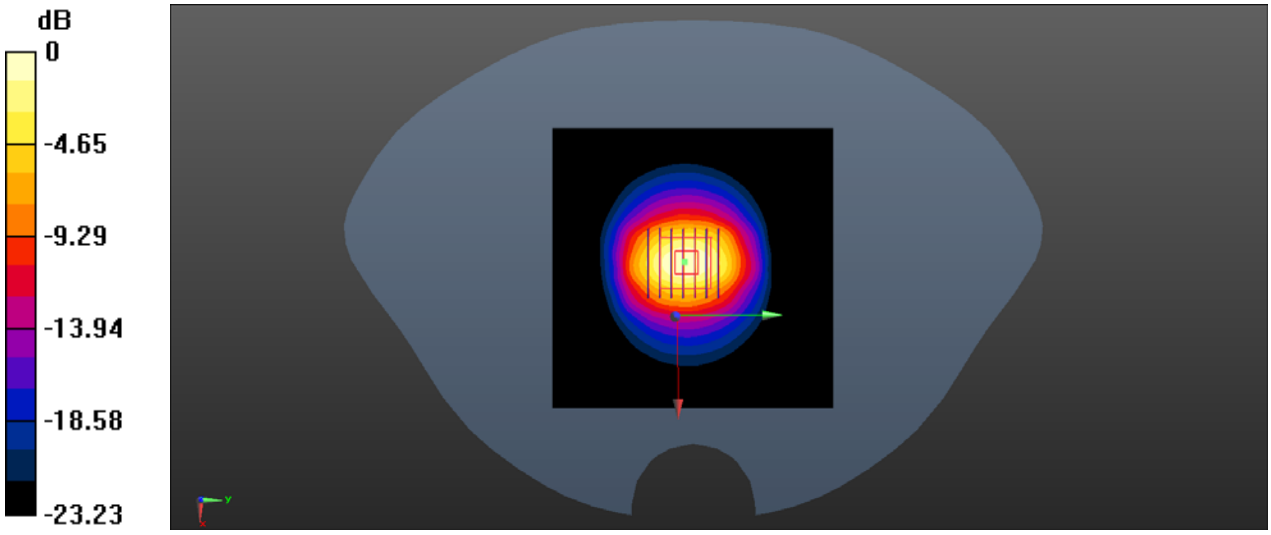
## System Check_2600MHz_Head_05.11

Communication System: UID 0, CW (0); Frequency: 2600 MHz;Duty Cycle: 1:1
Medium: HSL_2600 Medium parameters used: f = 2600 MHz; $\sigma$ = 1.956 S/m; $\varepsilon_r$ = 38.238; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(7.23, 7.26, 6.75) @ 2600 MHz; Calibrated: 2024/3/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2024/3/27
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**CW2600/Area Scan (101x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 17.2 W/kg

**CW2600/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 94.85 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 31.0 W/kg
**SAR(1 g) = 14.6 W/kg; SAR(10 g) = 6.52 W/kg**
Maximum value of SAR (measured) = 16.9 W/kg




0 dB = 16.9 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2024/5/13

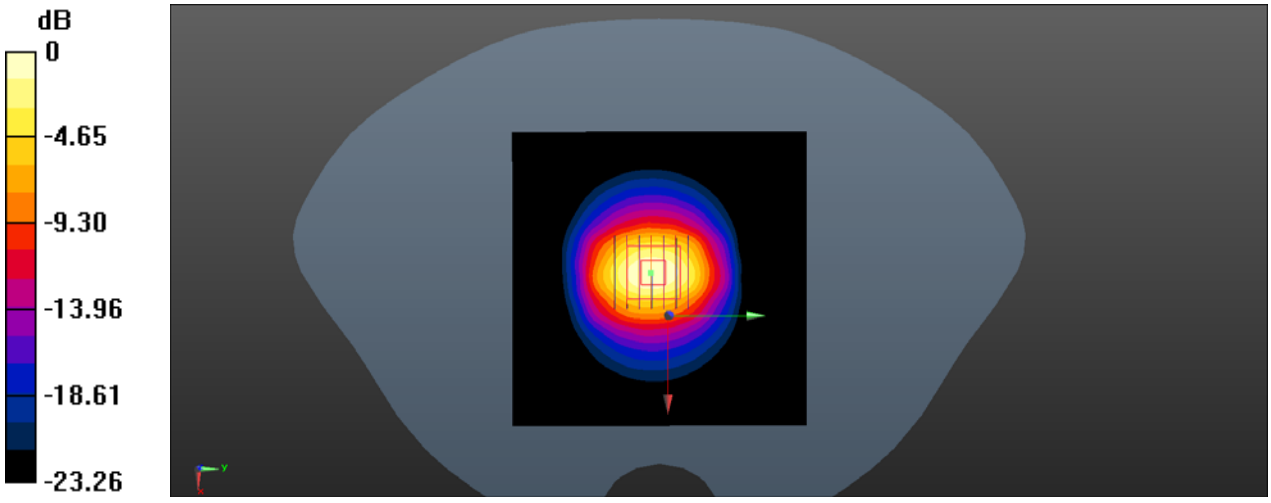
## System Check_2600MHz_Head

Communication System: UID 0, CW (0); Frequency: 2600 MHz;Duty Cycle: 1:1
Medium: HSL_2600 Medium parameters used: f = 2600 MHz; $\sigma$ = 1.965 S/m; $\varepsilon_r$ = 38.155; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(7.23, 7.26, 6.75) @ 2600 MHz; Calibrated: 2024/3/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2024/3/27
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**CW2600/Area Scan (101x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 14.2 W/kg

**CW2600/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 94.81 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 32.7 W/kg
**SAR(1 g) = 15.31 W/kg; SAR(10 g) = 6.59 W/kg**
Maximum value of SAR (measured) = 17.8 W/kg




0 dB = 17.8 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2024/7/9

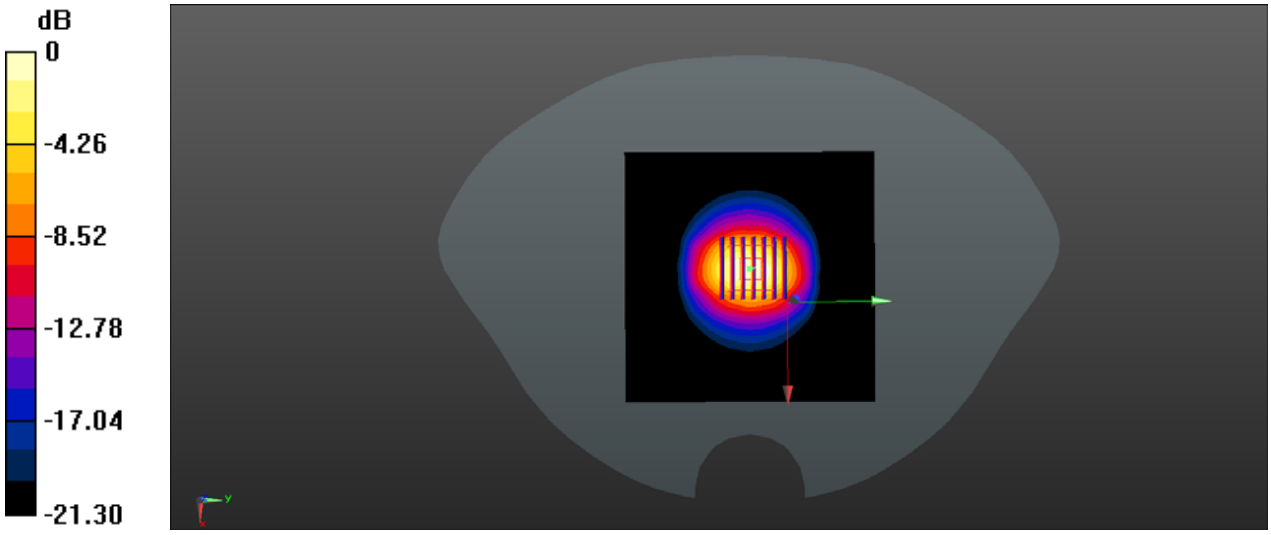
# System Check_2600MHz_Head

Communication System: UID 0, CW (0); Frequency: 2600 MHz;Duty Cycle: 1:1
Medium: HSL_2600 Medium parameters used: f = 2600 MHz; $\sigma$ = 1.98 S/m; $\varepsilon_r$ = 38.249; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(7.23, 7.26, 6.75) @ 2600 MHz; Calibrated: 2024/3/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2024/3/27
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**CW2600/Area Scan (101x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 17.9 W/kg

**CW2600/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 94.75 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 32.9 W/kg
**SAR(1 g) = 15.18 W/kg; SAR(10 g) = 7.02 W/kg**
Smallest distance from peaks to all points 3 dB below = 9.8 mm
Ratio of SAR at M2 to SAR at M1 = 49.2%
Maximum value of SAR (measured) = 18.3 W/kg




0 dB = 17.9 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2024/5/10

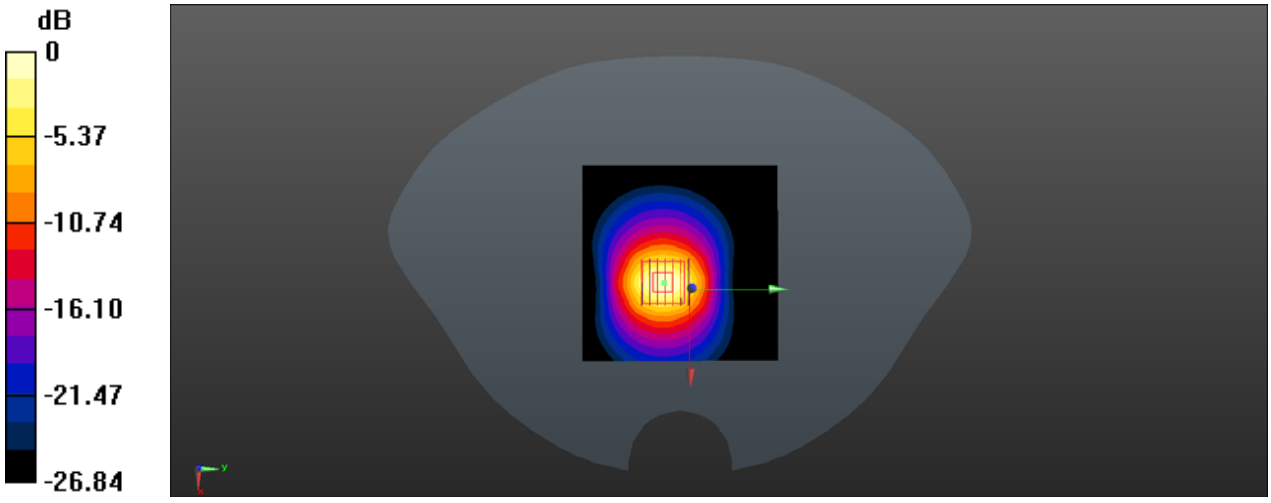
## System Check_3500MHz_Head

Communication System: UID 0, CW (0); Frequency: 3500 MHz;Duty Cycle: 1:1
Medium: HSL 3500 Medium parameters used: f = 3500 MHz; $\sigma$ = 2.933 S/m; $\varepsilon_r$ = 37.274; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(6.28, 6.36, 5.91) @ 3500 MHz; Calibrated: 2024/3/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2024/3/27
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**CW3500/Area Scan (101x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 12.3 W/kg

**CW3500/Zoom Scan (7x7x13)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 30.91 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 17.6 W/kg
**SAR(1 g) = 7.31 W/kg; SAR(10 g) = 2.62 W/kg**
Maximum value of SAR (measured) = 12.1 W/kg




0 dB = 12.1 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2024/5/12

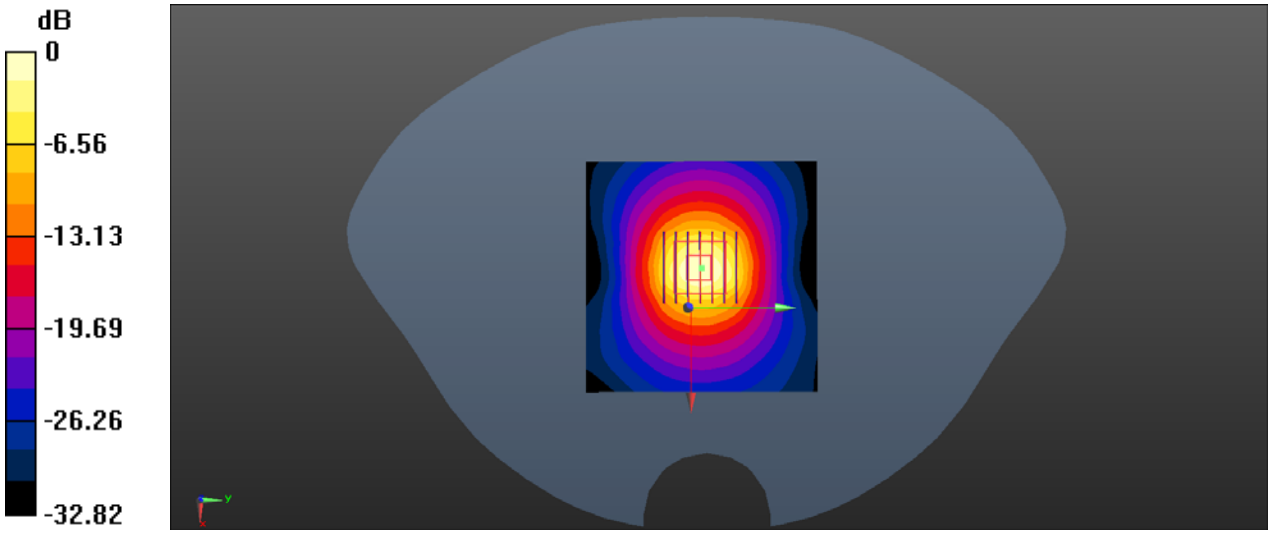
## System Check_3700MHz_Head_05.12

Communication System: UID 0, CW (0); Frequency: 3700 MHz;Duty Cycle: 1:1
Medium: HSL 3700 Medium parameters used: f = 3700 MHz; $\sigma$ = 3.118 S/m; $\varepsilon_r$ = 37.57; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(6.24, 6.29, 5.87) @ 3700 MHz; Calibrated: 2024/3/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2024/3/27
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**CW3700/Area Scan (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 13.8 W/kg

**CW3700/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 55.39 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 21.4 W/kg
**SAR(1 g) = 7.08 W/kg; SAR(10 g) = 2.49 W/kg**
Maximum value of SAR (measured) = 14.1 W/kg




0 dB = 14.1 W/kg

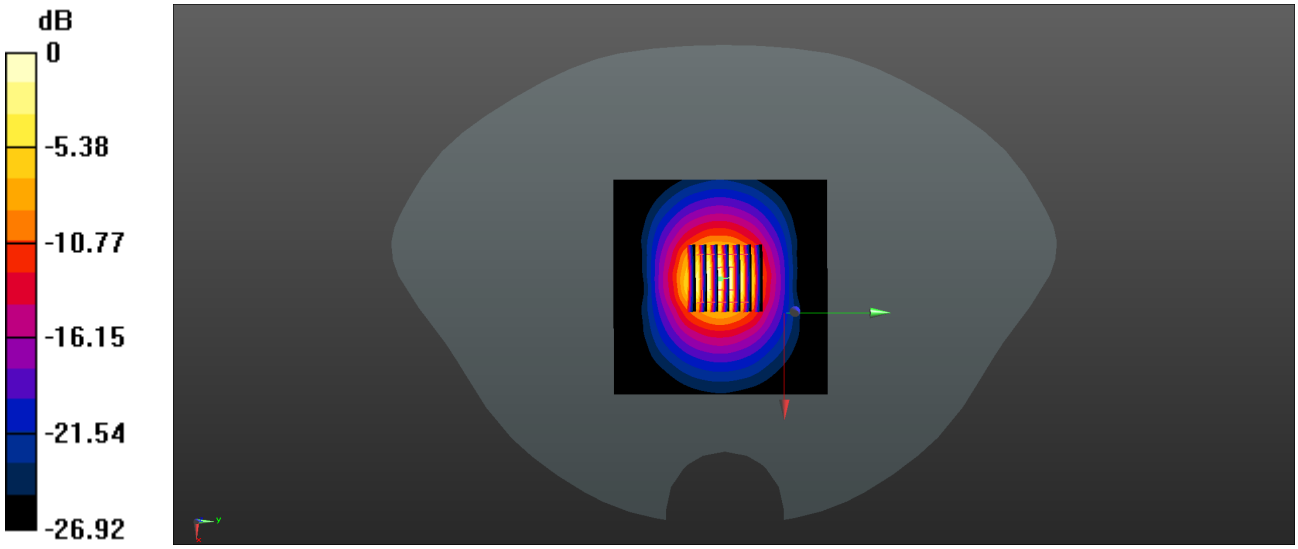
## System Check_3700MHz_Head

Communication System: UID 0, CW (0); Frequency: 3700 MHz;Duty Cycle: 1:1
Medium: HSL 3700 Medium parameters used: f = 3700 MHz; $\sigma$ = 3.051 S/m; $\varepsilon_r$ = 37.663; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(6.24, 6.29, 5.87) @ 3700 MHz; Calibrated: 2024/3/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2024/3/27
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**CW3700/Area Scan (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 12.6 W/kg

**CW3700/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 51.42 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 20.1 W/kg
**SAR(1 g) = 7.19 W/kg; SAR(10 g) = 2.35 W/kg**
Maximum value of SAR (measured) = 12.6 W/kg




0 dB = 12.6 W/kg

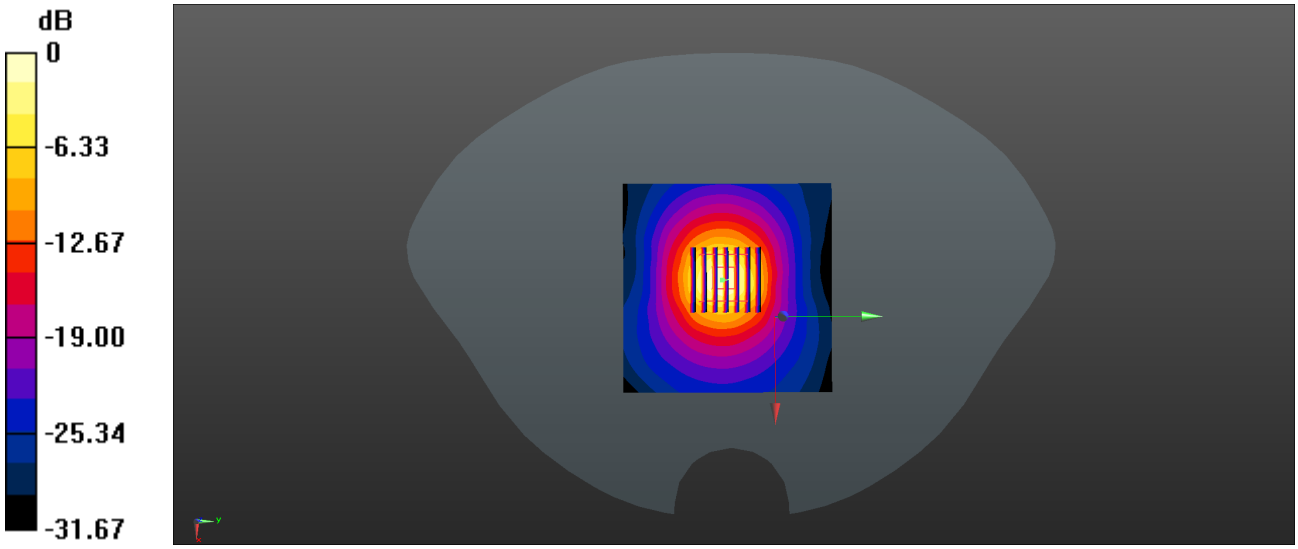
# System Check_3900MHz_Head

Communication System: UID 0, CW (0); Frequency: 3900 MHz;Duty Cycle: 1:1
Medium: HSL 3900 Medium parameters used: f = 3900 MHz; $\sigma$ = 3.102 S/m; $\varepsilon_r$ = 36.719; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(6.15, 6.26, 5.82) @ 3900 MHz; Calibrated: 2024/3/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2024/3/27
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**CW3900/Area Scan (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 13.4 W/kg

**CW3900/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 52.16 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 20.7 W/kg
**SAR(1 g) = 7.31 W/kg; SAR(10 g) = 2.28 W/kg**
Maximum value of SAR (measured) = 13.8 W/kg




0 dB = 13.8 W/kg