Annex C Plots of System Performance Check

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2021.10.26

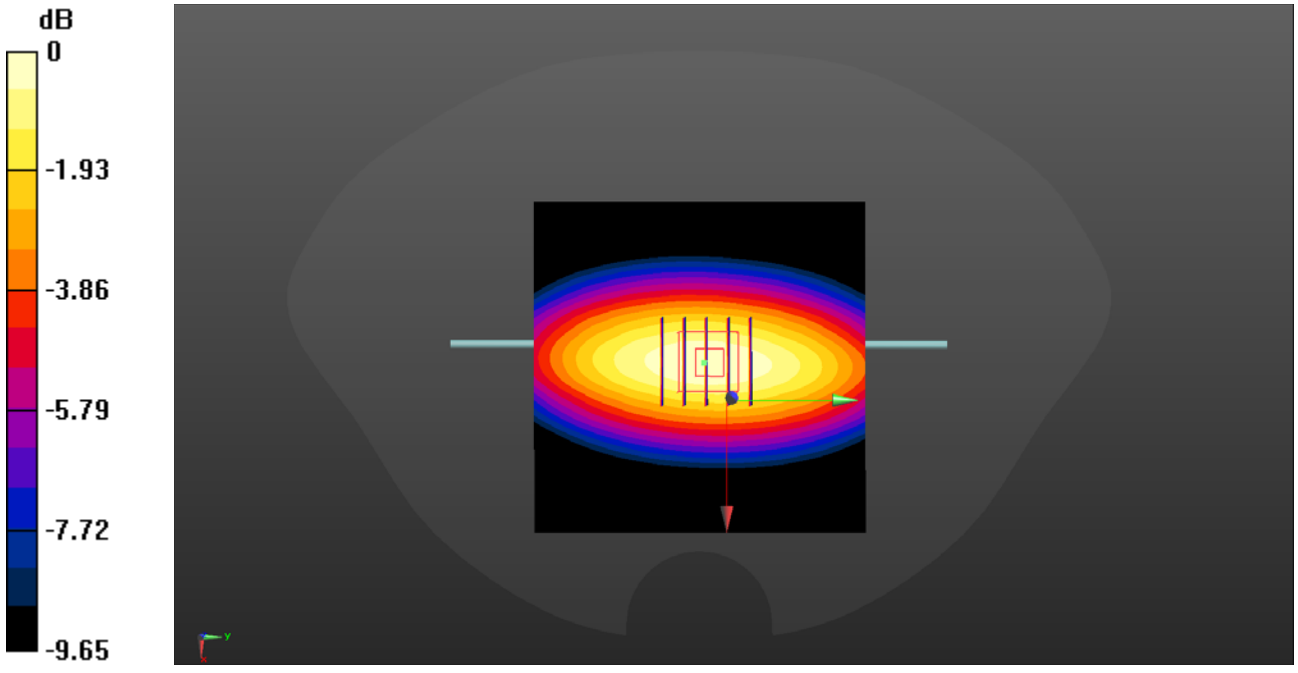
System Check_750MHz_Head

Communication System: UID 0, CW (0); Frequency: 750 MHz;Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: f = 750 MHz; σ = 0.918 S/m; ε_r = 41.722; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(9.76, 9.76, 9.76) @ 750 MHz; Calibrated: 2020.11.27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2020.11.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

CW750/Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 2.76 W/kg

CW750/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 56.44 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 3.87 W/kg
SAR(1 g) = 2.11 W/kg; SAR(10 g) = 1.37 W/kg
Maximum value of SAR (measured) = 2.74 W/kg



0 dB = 2.74 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2021.10.27

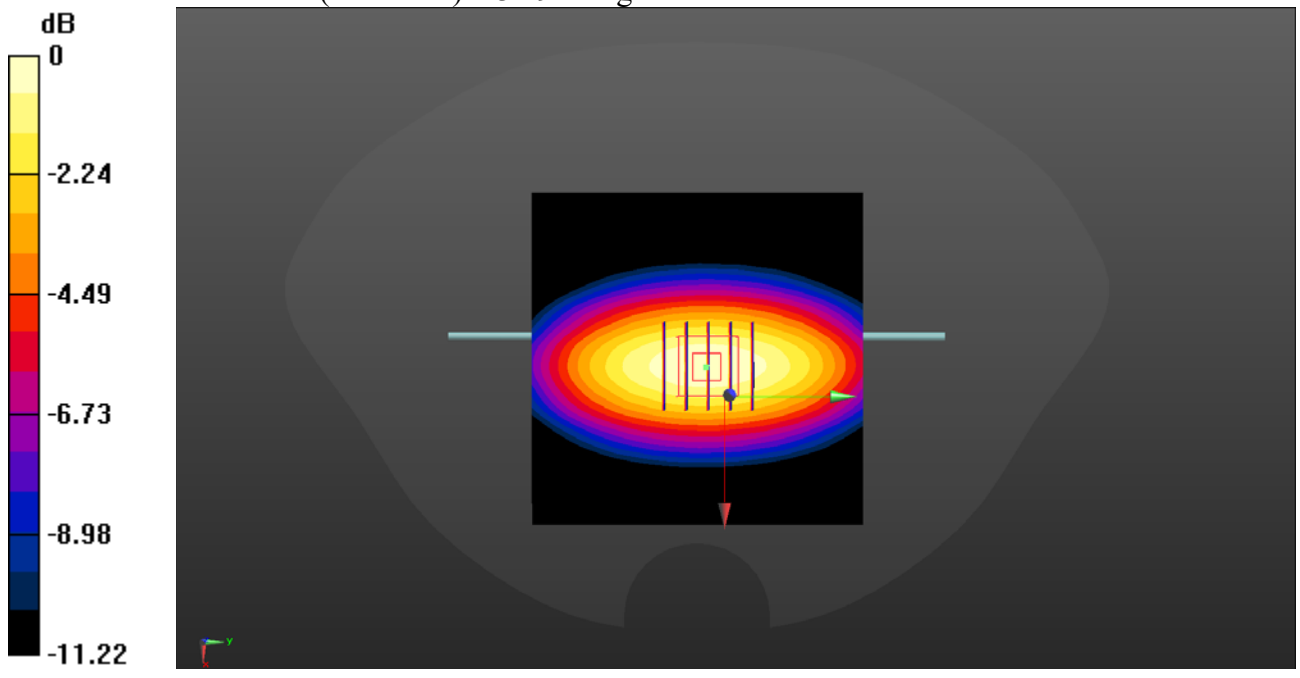
System Check_900MHz_Head

Communication System: UID 0, CW (0); Frequency: 900 MHz;Duty Cycle: 1:1
Medium: HSL_900 Medium parameters used: f = 900 MHz; σ = 0.988 S/m; ε_r = 41.725; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(9.57, 9.57, 9.57) @ 900 MHz; Calibrated: 2020.11.27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2020.11.30
- 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 (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.46 W/kg

CW900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 58.98 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 5.04 W/kg
SAR(1 g) = 2.72 W/kg; SAR(10 g) = 1.74 W/kg
Maximum value of SAR (measured) = 3.49 W/kg



0 dB = 3.49 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2021.10.20

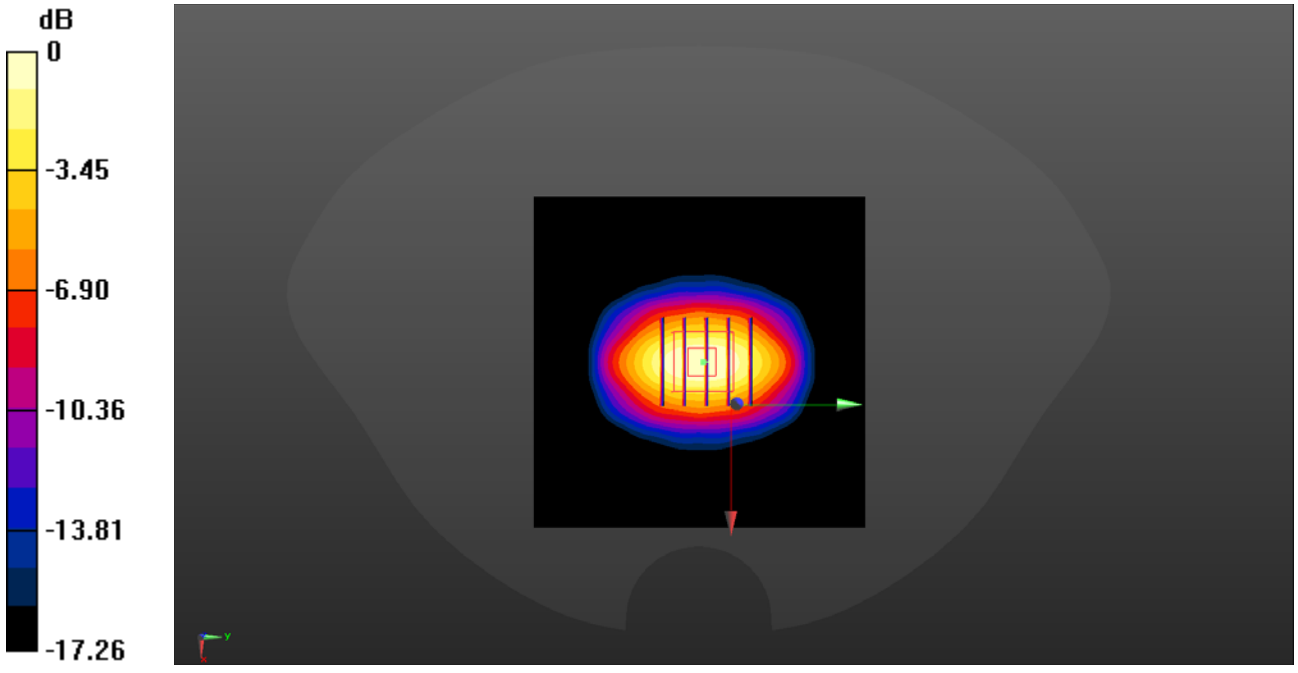
System Check_1800MHz_Head

Communication System: UID 0, CW (0); Frequency: 1800 MHz;Duty Cycle: 1:1
Medium: HSL_1800 Medium parameters used: f = 1800 MHz; σ = 1.431 S/m; ε_r = 40.255; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(8.32, 8.32, 8.32) @ 1800 MHz; Calibrated: 2020.11.27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2020.11.30
- 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 (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 7.16 W/kg

CW1800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 69.94 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 11.6 W/kg
SAR(1 g) = 9.88 W/kg; SAR(10 g) = 5.23 W/kg
Maximum value of SAR (measured) = 7.04 W/kg



0 dB = 7.04 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2021.10.25

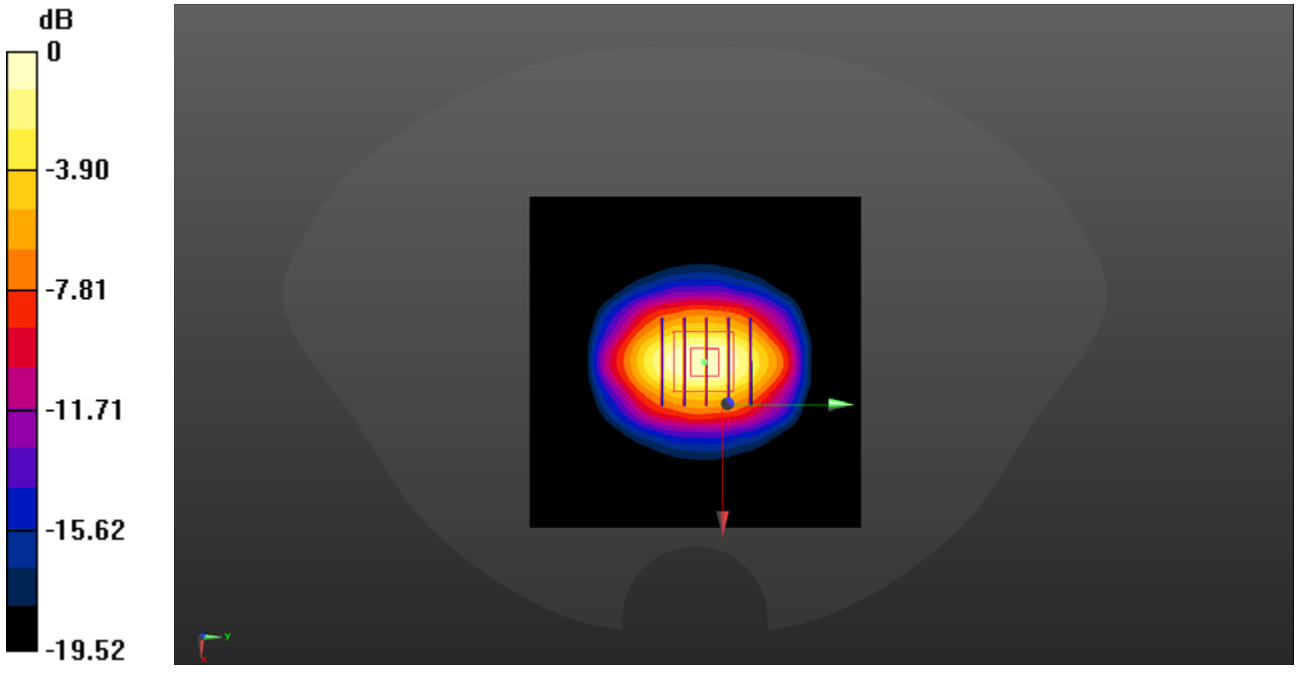
System Check_2000MHz_Head

Communication System: UID 0, CW (0); Frequency: 2000 MHz;Duty Cycle: 1:1
Medium: HSL_2000 Medium parameters used: f = 2000 MHz; σ = 1.442 S/m; ε_r = 40.155; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(8.04, 8.04, 8.04) @ 2000 MHz; Calibrated: 2020.11.27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2020.11.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

CW2000/Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 5.47 W/kg

CW2000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 60.96 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 9.49 W/kg
SAR(1 g) = 10.33 W/kg; SAR(10 g) = 5.26 W/kg
Maximum value of SAR (measured) = 5.44 W/kg



0 dB = 5.44 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2021.10.24

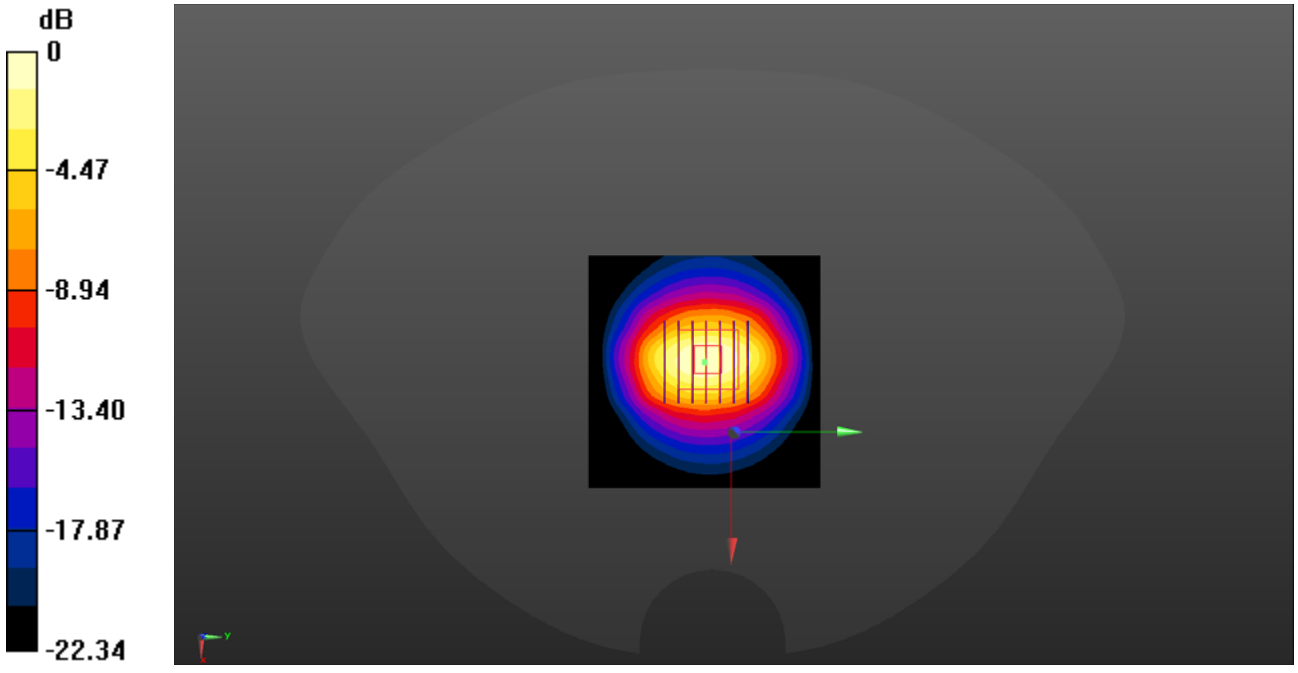
System Check_2450MHz_Head

Communication System: UID 0, CW (0); Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: HSL_2450 Medium parameters used: f = 2450 MHz; σ = 1.815 S/m; ε_r = 39.362; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(7.58, 7.58, 7.58) @ 2450 MHz; Calibrated: 2020.11.27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2020.11.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

CW2450/Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 22.1 W/kg

CW2450/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 94.49 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 28.8 W/kg
SAR(1 g) = 13.25 W/kg; SAR(10 g) = 6.09 W/kg
Maximum value of SAR (measured) = 21.3 W/kg



0 dB = 21.3 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2021.11.04

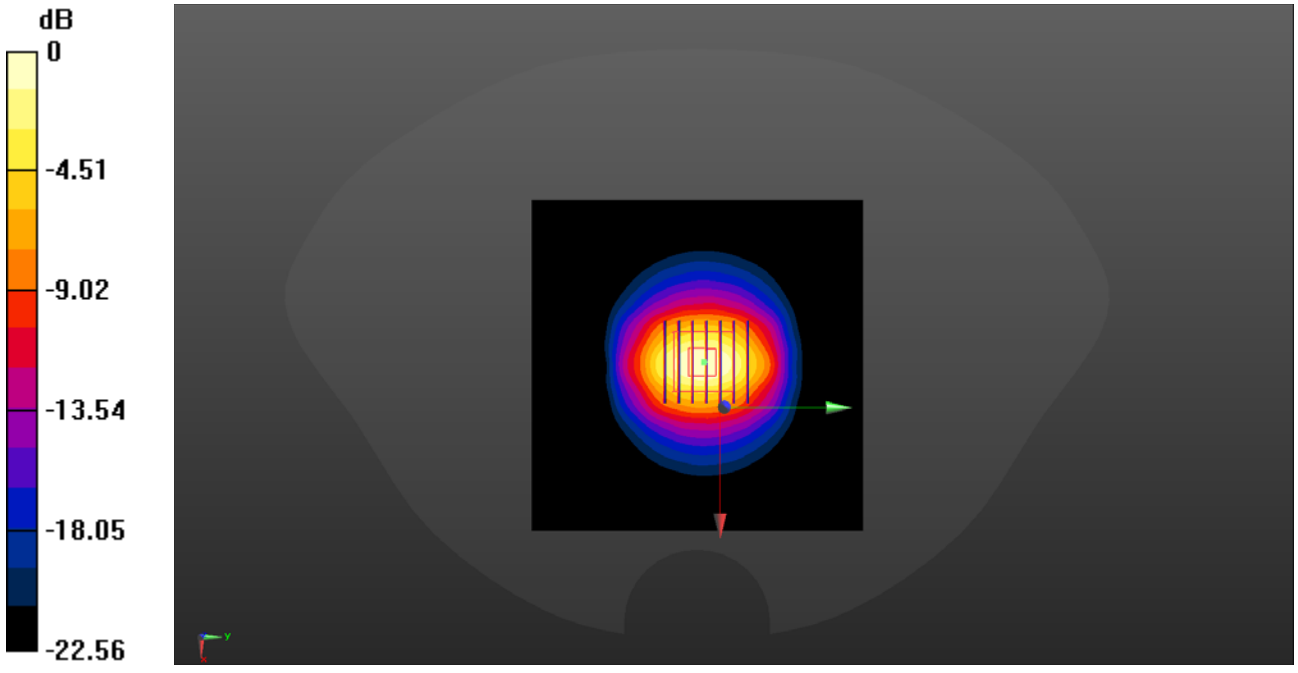
System Check_2600MHz_Head

Communication System: UID 0, CW (0); Frequency: 2600 MHz;Duty Cycle: 1:1
Medium: HSL_2600 Medium parameters used: f = 2600 MHz; σ = 1.942 S/m; ε_r = 39.422; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(7.4, 7.4, 7.4) @ 2600 MHz; Calibrated: 2020.11.27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2020.11.30
- 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 (101x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 7.77 W/kg

CW2600/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 61.91 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 13.9 W/kg
SAR(1 g) = 13.66 W/kg; SAR(10 g) = 6.11 W/kg
Maximum value of SAR (measured) = 7.71 W/kg



0 dB = 7.71 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2021.10.28

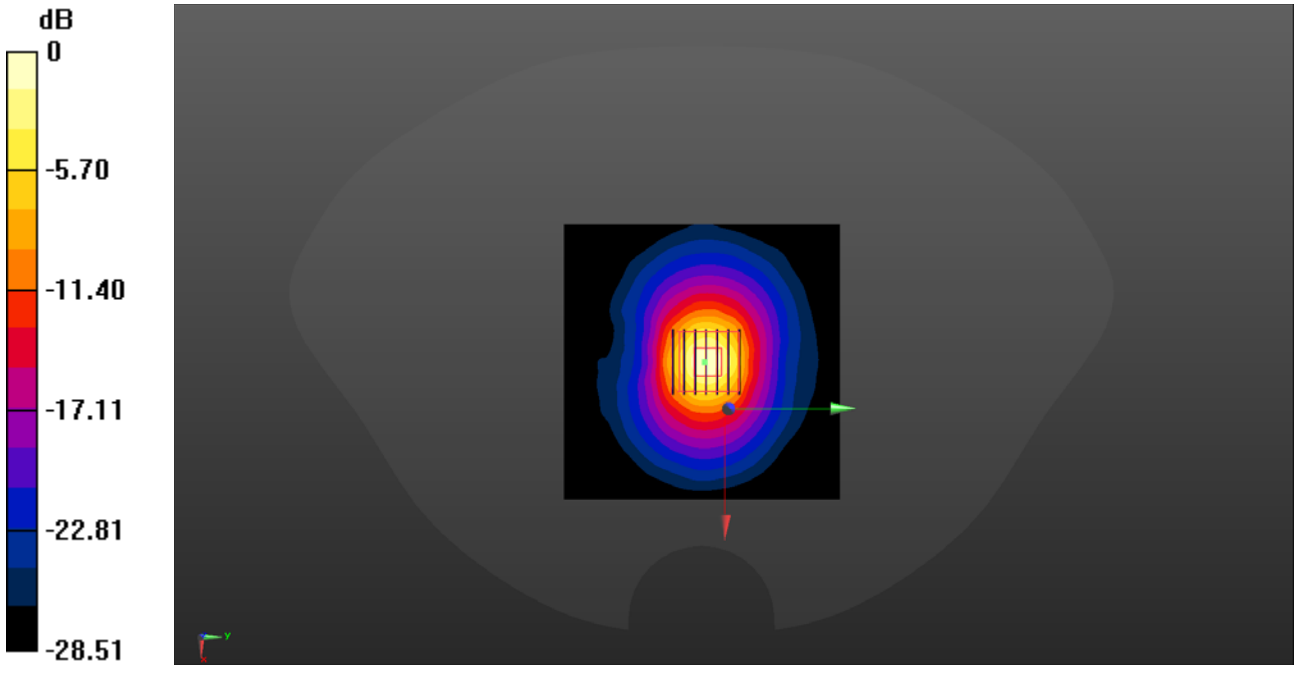
System Check_5250MHz_Head

Communication System: UID 0, CW (0); Frequency: 5250 MHz;Duty Cycle: 1:1
Medium: HSL_5250 Medium parameters used: f = 5250 MHz; σ = 4.777 S/m; ε_r = 36.158; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(5.36, 5.36, 5.36) @ 5250 MHz; Calibrated: 2020.11.27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2020.11.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

CW5250/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 13.8 W/kg

CW5250/Zoom Scan (7x7x13)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 40.75 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 25.8 W/kg
SAR(1 g) = 7.83 W/kg; SAR(10 g) = 2.26 W/kg
Maximum value of SAR (measured) = 13.5 W/kg



0 dB = 13.5 W/kg

Test Laboratory: Shenzhen Morlab Communications Technology Co., Ltd. Date: 2021.10.28

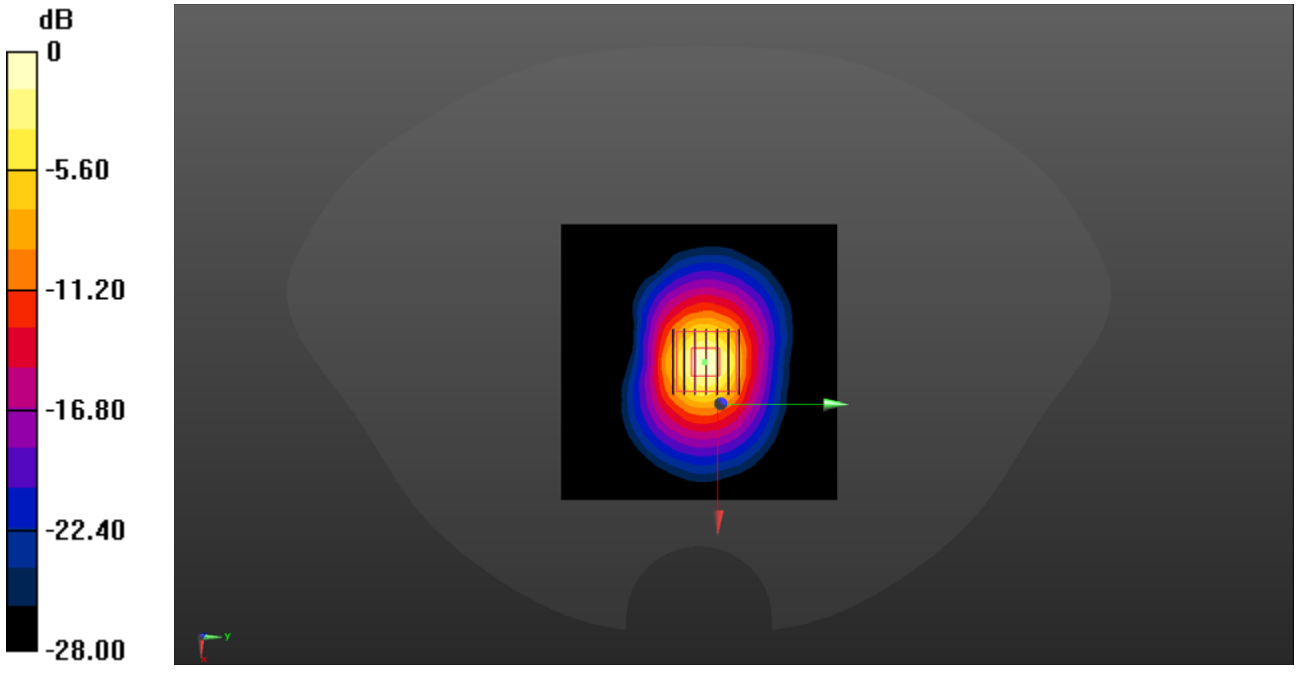
System Check_5750MHz_Head

Communication System: UID 0, CW (0); Frequency: 5750 MHz;Duty Cycle: 1:1
Medium: HSL_5750 Medium parameters used: f = 5750 MHz; σ = 5.369 S/m; ε_r = 35.555; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：22.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN7608; ConvF(4.78, 4.78, 4.78) @ 5750 MHz; Calibrated: 2020.11.27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2020.11.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

CW5750/Area Scan (101x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 14.9 W/kg

CW5750/Zoom Scan (7x7x13)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 39.10 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 30.9 W/kg
SAR(1 g) = 8.21 W/kg; SAR(10 g) = 2.29 W/kg
Maximum value of SAR (measured) = 15.2 W/kg



0 dB = 15.2 W/kg