



REPORT No.: SZ24120366S01

Annex C Plots of System Performance Check

System Check_900MHz_Head

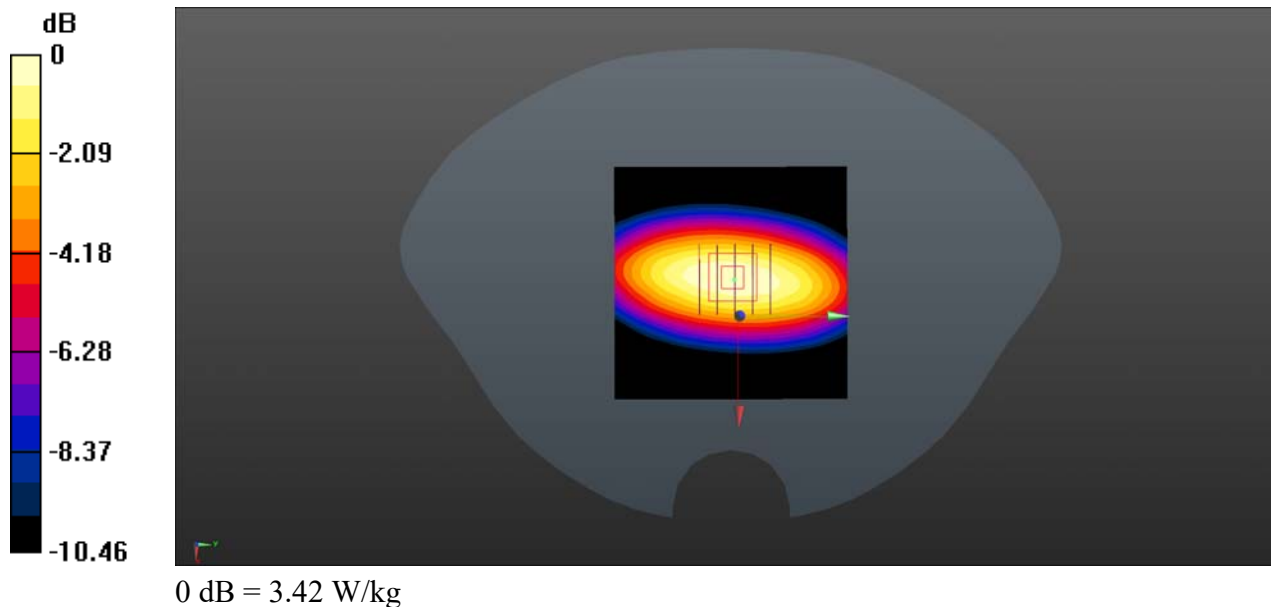
Communication System: UID 0, CW (0); Frequency: 900 MHz; Duty Cycle: 1:1
Medium: HSL_900 Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 0.965 \text{ S/m}$; $\epsilon_r = 40.286$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $22.1 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9, 9, 9) @ 900 MHz; Calibrated: 2024/11/11
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2024/11/11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

CW900/Area Scan (71x71x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 3.42 W/kg

CW900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 58.61 V/m ; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 4.00 W/kg
SAR(1 g) = 2.72 W/kg ; SAR(10 g) = 1.80 W/kg
Smallest distance from peaks to all points 3 dB below = 16 mm
Ratio of SAR at M2 to SAR at M1 = 67.7%
Maximum value of SAR (measured) = 3.42 W/kg



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; $\sigma = 1.365$ S/m; $\epsilon_r = 38.989$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °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 Sn480; Calibrated: 2024/11/11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

CW1800/Area Scan (81x81x1): 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 = 87.00 V/m; Power Drift = 0.04 dB

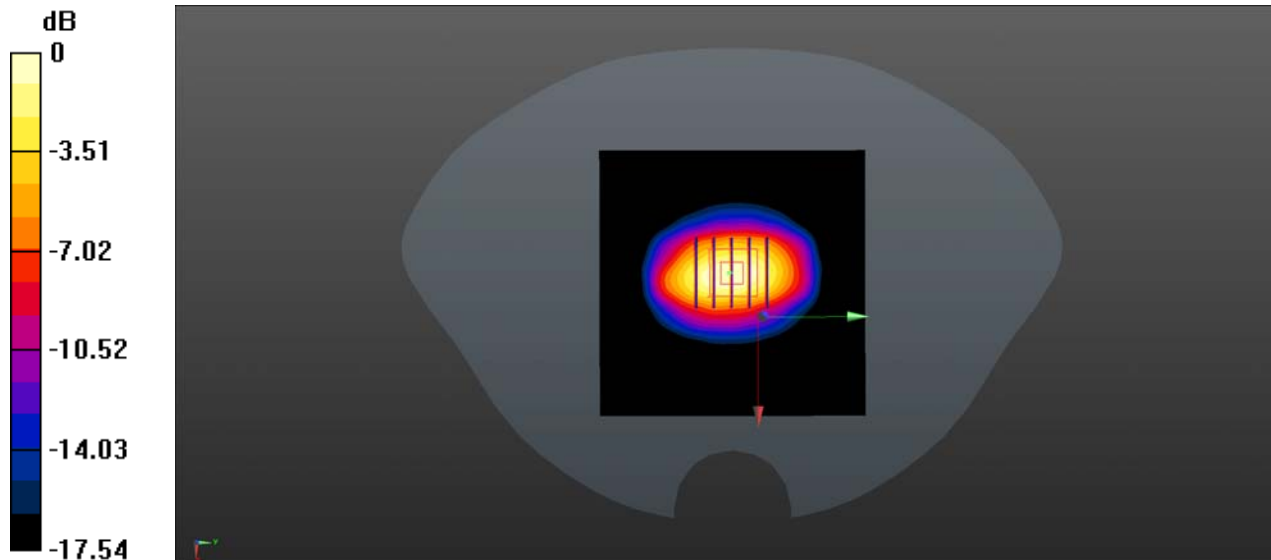
Peak SAR (extrapolated) = 17.6 W/kg

SAR(1 g) = 9.74 W/kg; SAR(10 g) = 5.11 W/kg

Smallest distance from peaks to all points 3 dB below = 10.1 mm

Ratio of SAR at M2 to SAR at M1 = 55.5%

Maximum value of SAR (measured) = 13.9 W/kg



0 dB = 13.4 W/kg

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; $\sigma = 1.401$ S/m; $\epsilon_r = 38.661$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °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 Sn480; Calibrated: 2024/11/11
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

CW2000/Area Scan (81x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 11.8 W/kg

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

Reference Value = 88.98 V/m; Power Drift = -0.05 dB

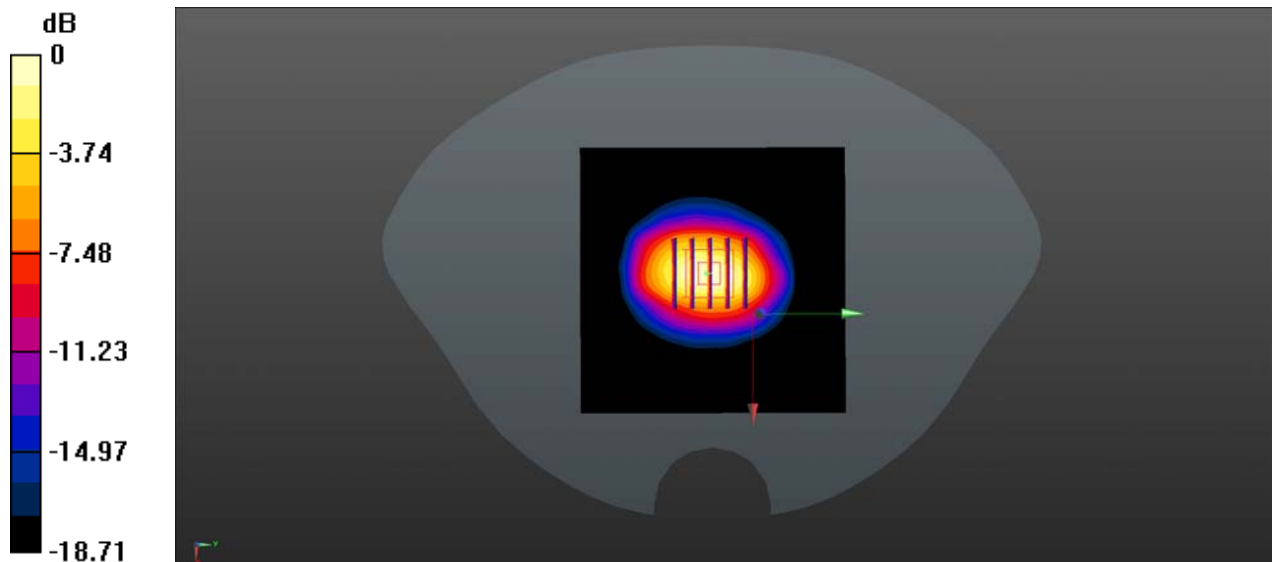
Peak SAR (extrapolated) = 19.5 W/kg

SAR(1 g) = 10.4 W/kg; SAR(10 g) = 5.25 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 54.5%

Maximum value of SAR (measured) = 11.7 W/kg



0 dB = 11.8 W/kg

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; $\sigma = 1.876$ S/m; $\epsilon_r = 38.238$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °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 Sn480; Calibrated: 2024/11/11
- 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) = 16.8 W/kg

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

Reference Value = 90.33 V/m; Power Drift = 0.15 dB

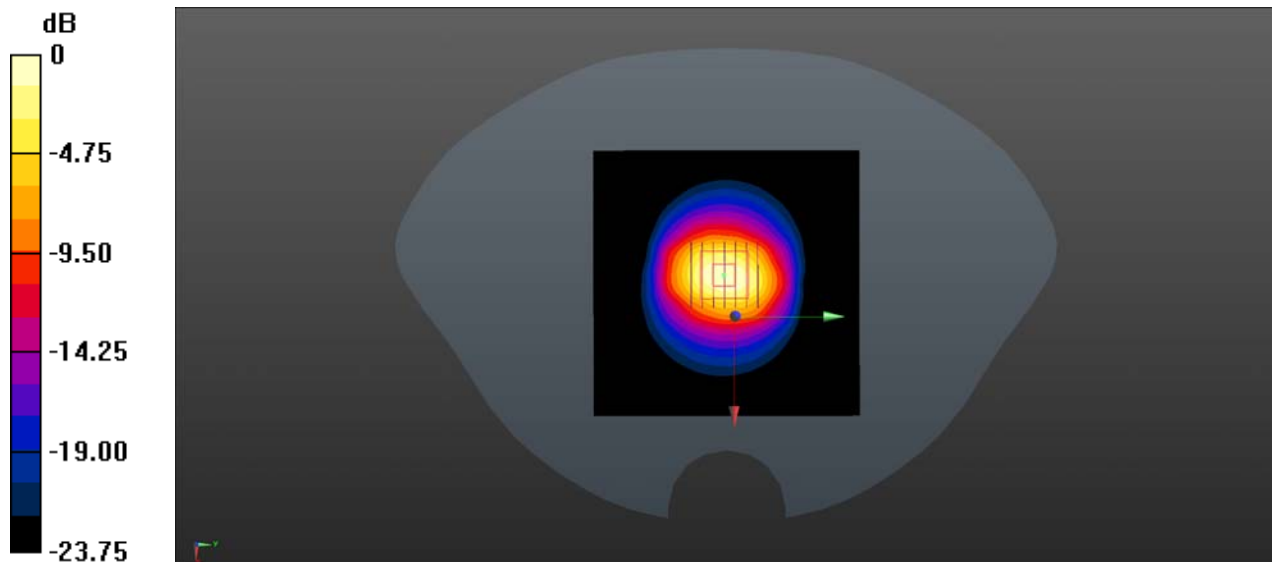
Peak SAR (extrapolated) = 31.6 W/kg

SAR(1 g) = 14.8 W/kg; SAR(10 g) = 6.51 W/kg

Smallest distance from peaks to all points 3 dB below = 9.5 mm

Ratio of SAR at M2 to SAR at M1 = 47.3%

Maximum value of SAR (measured) = 16.6 W/kg



0 dB = 16.8 W/kg