



REPORT No.: SZ23060347S01

Annex C Plots of System Performance Check

System Check_750MHz_Head

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

Medium: HSL_750 Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.876 \text{ S/m}$; $\epsilon_r = 40.814$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $22.1 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.51, 9.51, 9.51) @ 750 MHz; Calibrated: 2023.9.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.9.19
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

CW750/Area Scan (81x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 5.16 W/kg

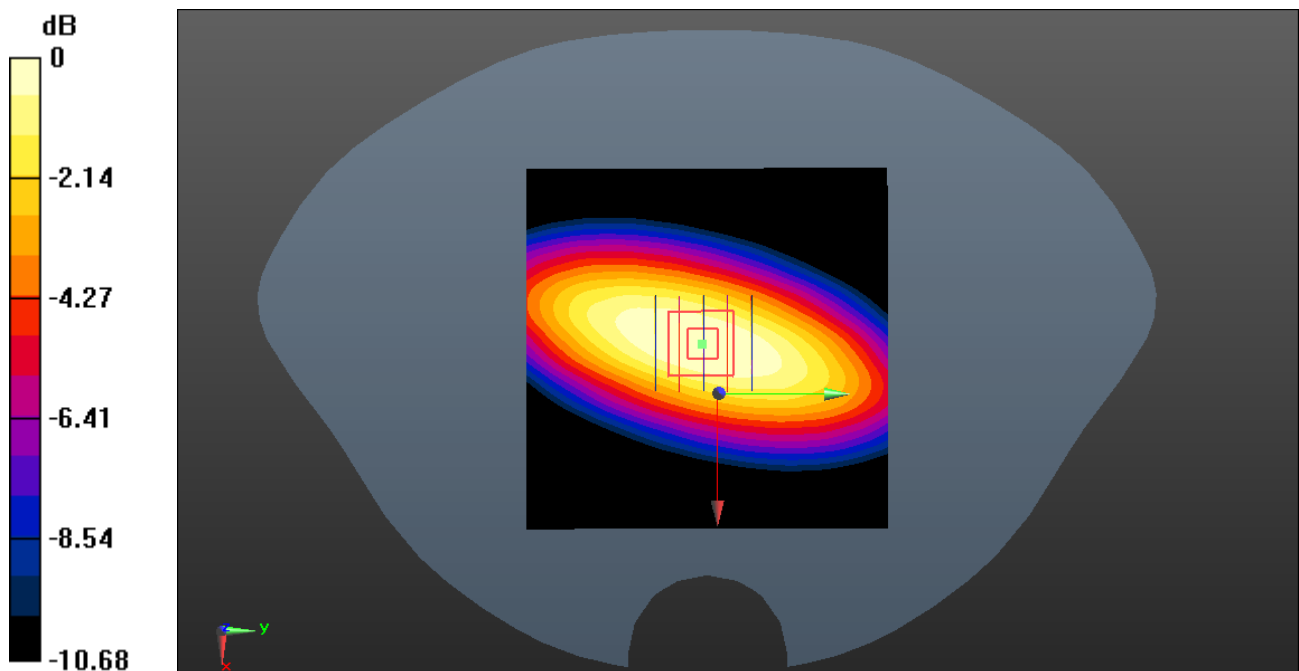
CW750/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 73.91 V/m ; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 5.63 W/kg

SAR(1 g) = 2.11 W/kg ; SAR(10 g) = 1.48 W/kg

Maximum value of SAR (measured) = 4.73 W/kg



0 dB = 4.73 W/kg

System Check_900MHz_Head

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

Medium: HSL_900 Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 0.936 \text{ S/m}$; $\epsilon_r = 40.476$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $22.2 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(9.12, 9.12, 9.12) @ 900 MHz; Calibrated: 2023.9.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.9.19
- 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) = 7.22 W/kg

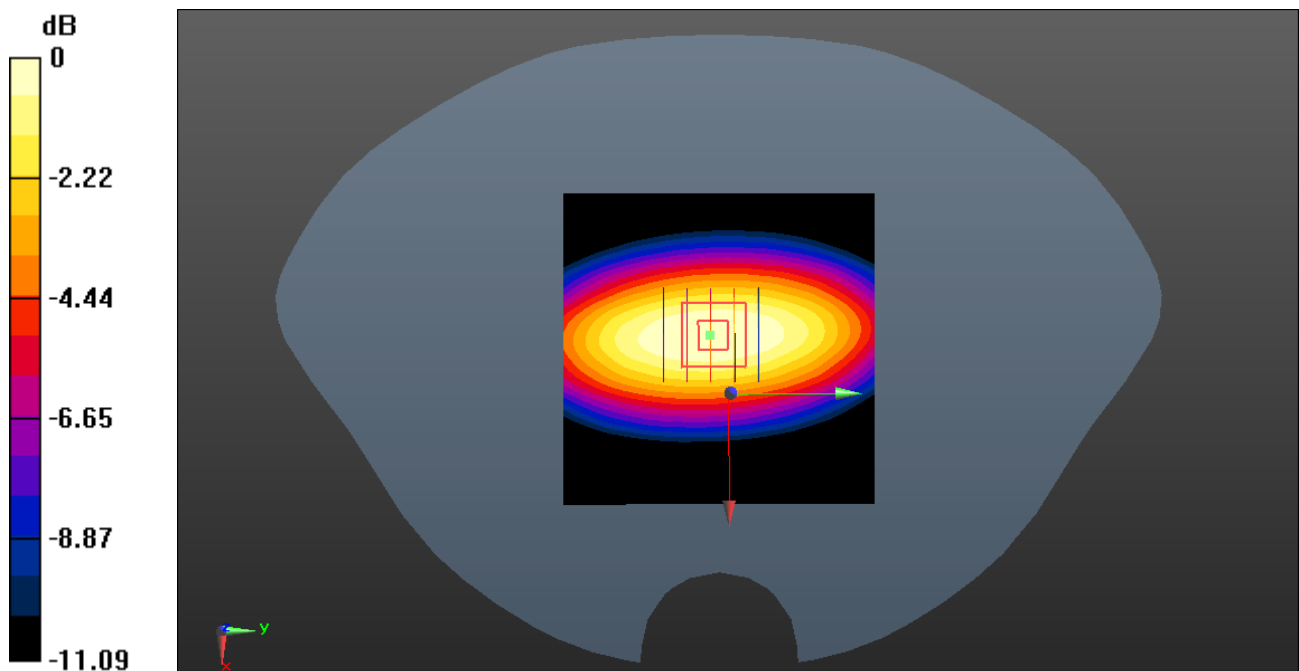
CW900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 82.53 V/m ; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 8.13 W/kg

SAR(1 g) = 3.02 W/kg ; SAR(10 g) = 1.77 W/kg

Maximum value of SAR (measured) = 6.61 W/kg



0 dB = 6.61 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; $\sigma = 1.372$ S/m; $\epsilon_r = 39.176$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.93, 7.93, 7.93) @ 1800 MHz; Calibrated: 2023.9.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.9.19
- 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) = 25.8 W/kg

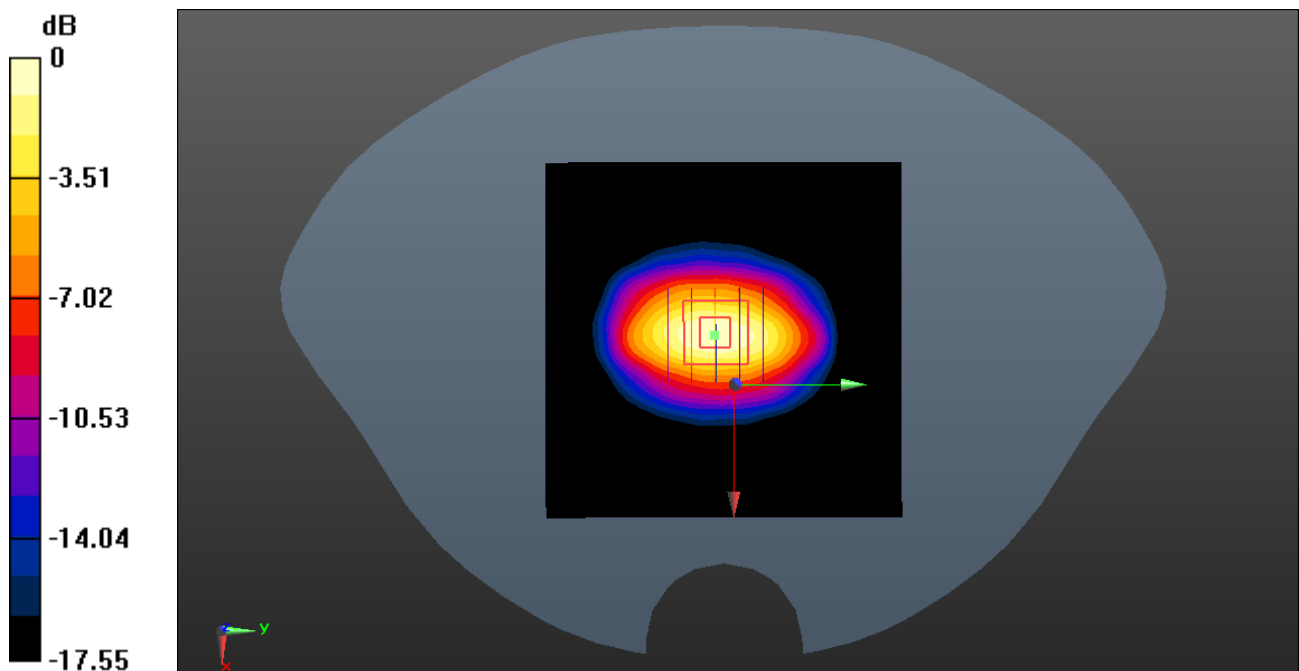
CW1800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 124.4 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 33.4 W/kg

SAR(1 g) = 10.23 W/kg; SAR(10 g) = 5.17 W/kg

Maximum value of SAR (measured) = 26.3 W/kg



0 dB = 26.3 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; $\sigma = 1.375$ S/m; $\epsilon_r = 39.997$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.93, 7.93, 7.93) @ 1800 MHz; Calibrated: 2023.9.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.9.19
- 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) = 26.0 W/kg

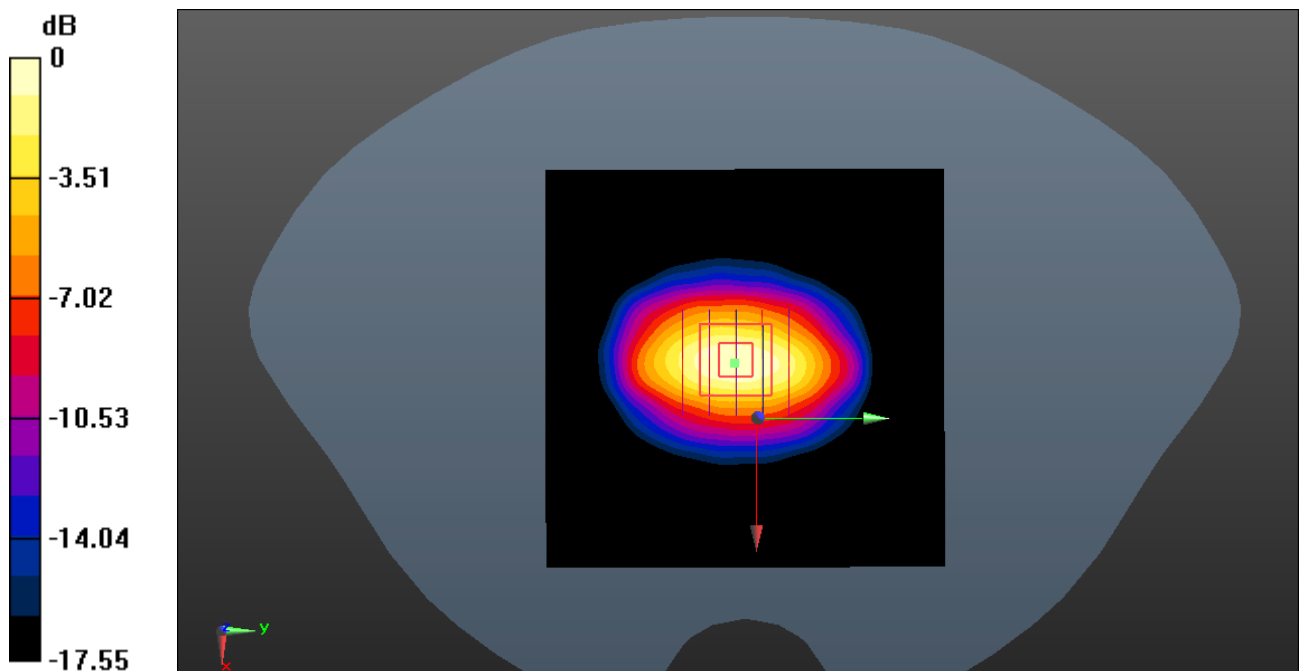
CW1800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 127.1 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 33.1 W/kg

SAR(1 g) = 9.76 W/kg; SAR(10 g) = 5.13 W/kg

Maximum value of SAR (measured) = 26.1 W/kg



0 dB = 26.1 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; $\sigma = 1.38$ S/m; $\epsilon_r = 40.262$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.93, 7.93, 7.93) @ 1800 MHz; Calibrated: 2023.9.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.9.19
- 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) = 25.9 W/kg

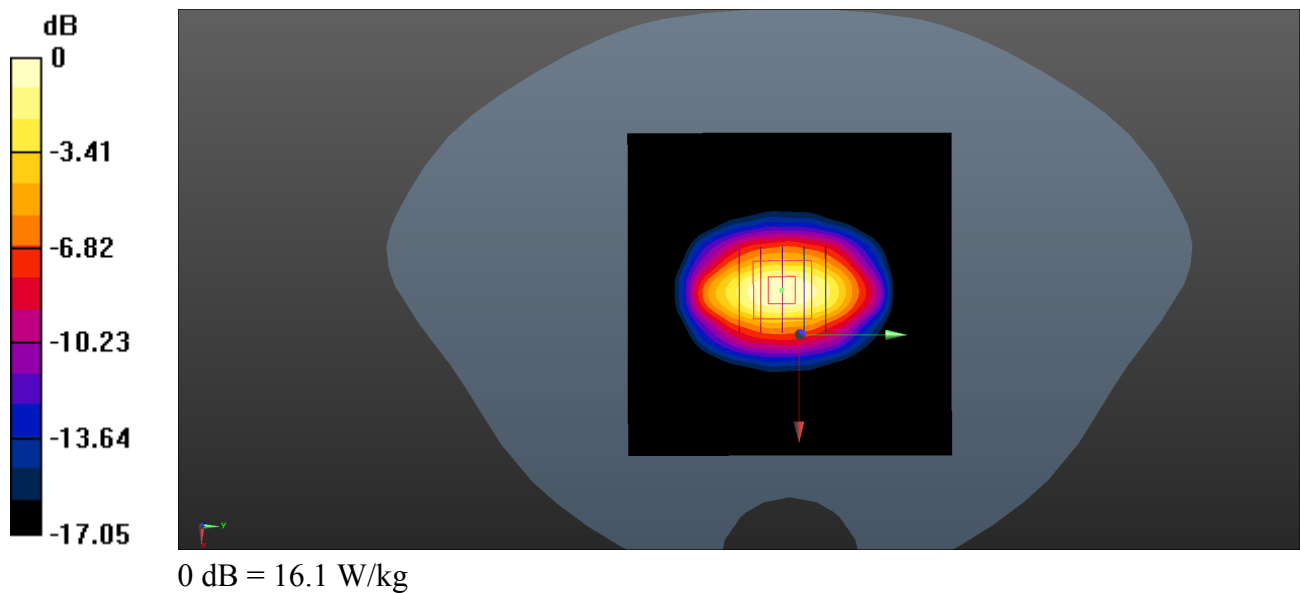
CW1800/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 101.8 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 32.8 W/kg

SAR(1 g) = 10.02 W/kg; SAR(10 g) = 4.93 W/kg

Maximum value of SAR (measured) = 16.1 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; $\sigma = 1.446$ S/m; $\epsilon_r = 39.563$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.68, 7.68, 7.68) @ 2000 MHz; Calibrated: 2023.9.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.9.19
- 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) = 21.5 W/kg

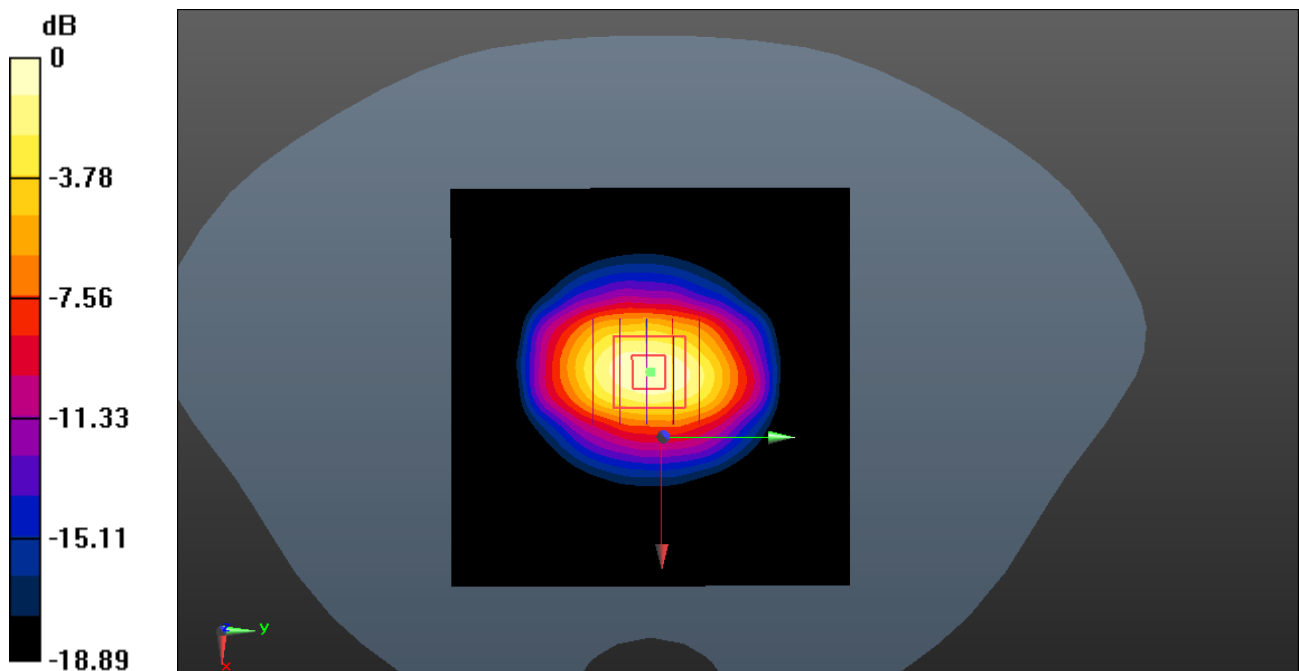
CW2000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 113.9 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 37.2 W/kg

SAR(1 g) = 10.15 W/kg; SAR(10 g) = 5.26 W/kg

Maximum value of SAR (measured) = 21.6 W/kg



0 dB = 21.6 W/kg

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; $\sigma = 1.734$ S/m; $\epsilon_r = 38.917$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.22, 7.22, 7.22) @ 2450 MHz; Calibrated: 2023.9.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.9.19
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

CW2450/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 25.4 W/kg

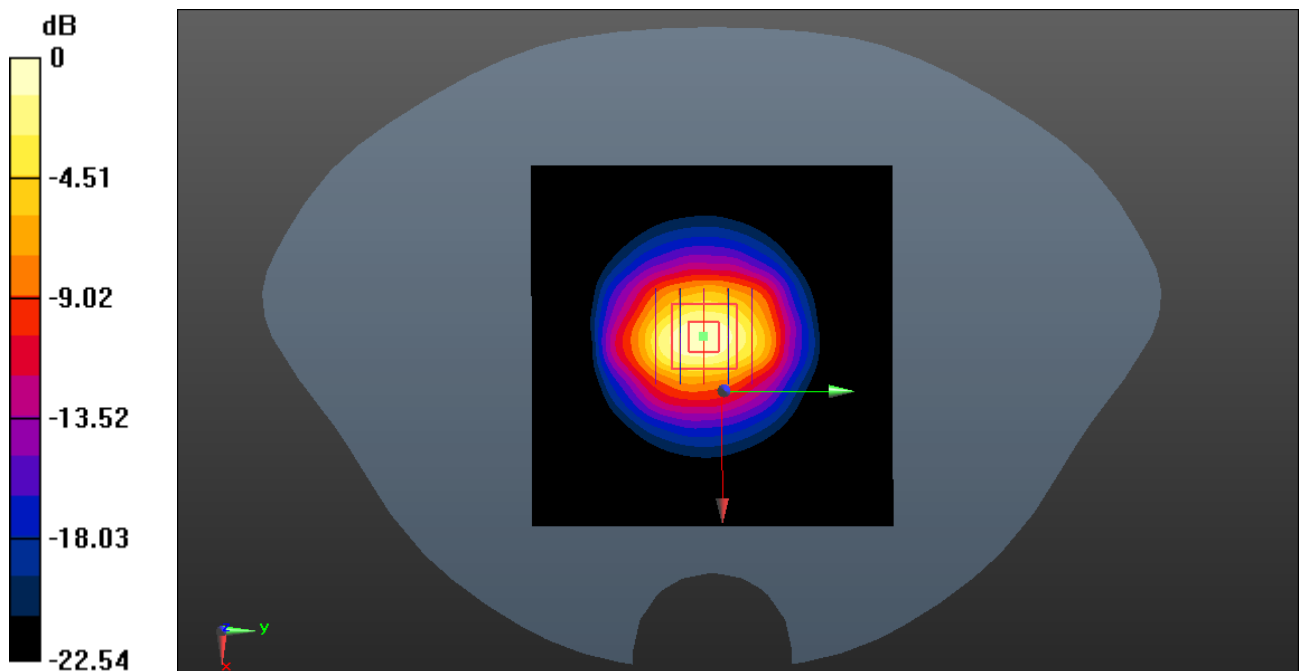
CW2450/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 116.2 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 50.4 W/kg

SAR(1 g) = 13.26 W/kg; SAR(10 g) = 6.02 W/kg

Maximum value of SAR (measured) = 26.2 W/kg



0 dB = 26.2 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; $\sigma = 2.011$ S/m; $\epsilon_r = 37.668$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.04, 7.04, 7.04) @ 2600 MHz; Calibrated: 2023.9.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.9.19
- 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 (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 33.1 W/kg

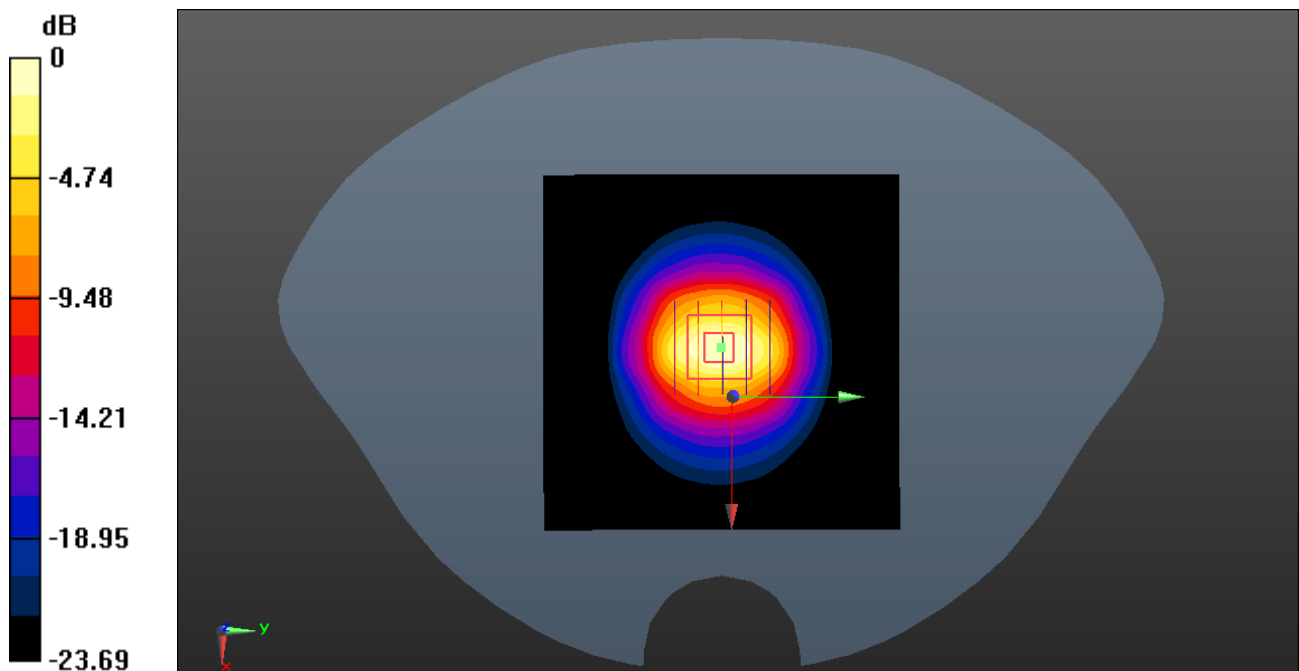
CW2600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 128.3 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 61.7 W/kg

SAR(1 g) = 15.22 W/kg; SAR(10 g) = 6.13 W/kg

Maximum value of SAR (measured) = 31.2 W/kg



0 dB = 31.2 W/kg

System Check_5250MHz_Head

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

Medium: HSL_5250 Medium parameters used (interpolated): $f = 5250$ MHz; $\sigma = 4.62$ S/m; $\epsilon_r = 35.617$; $\rho = 1000$ kg/m³

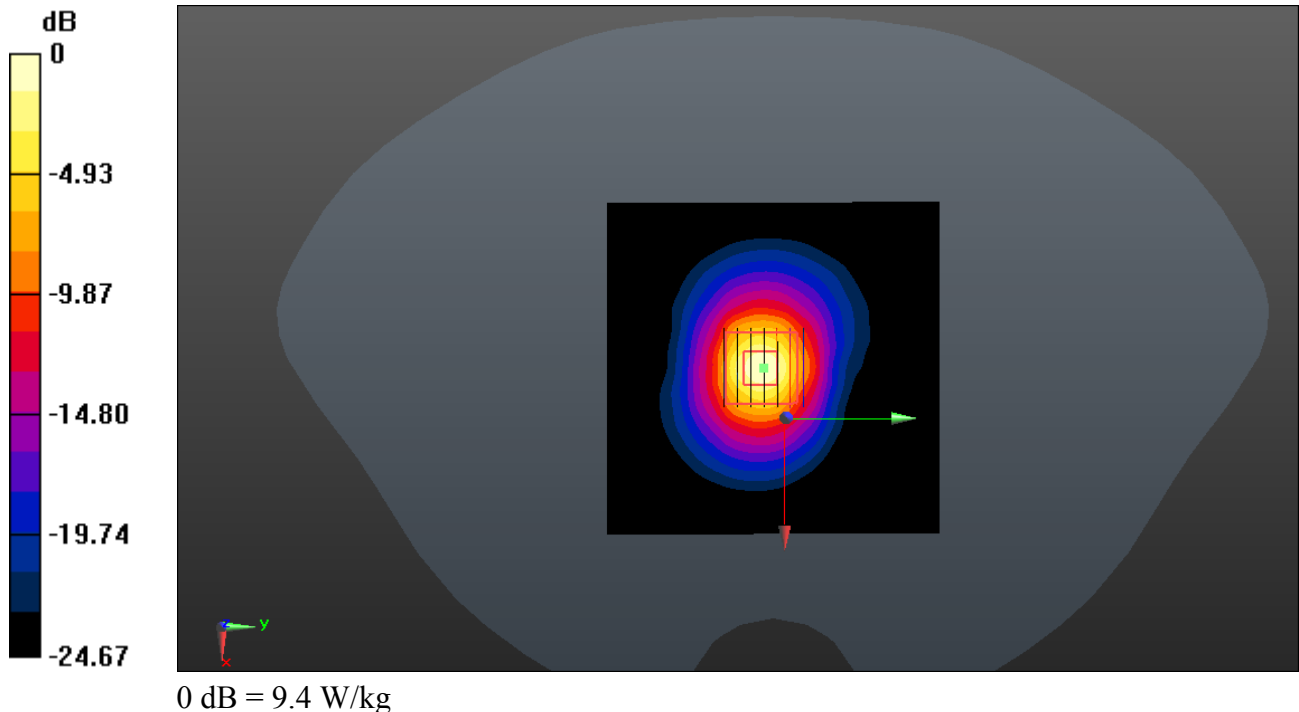
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(5.21, 5.21, 5.21) @ 5250 MHz; Calibrated: 2023.9.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.9.19
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- 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) = 28.2 W/kg

CW5250/Zoom Scan (7x7x13)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
 Reference Value = 50.01 V/m; Power Drift = 0.03 dB
 Peak SAR (extrapolated) = 23.1 W/kg
SAR(1 g) = 8.09 W/kg; SAR(10 g) = 2.28 W/kg
 Maximum value of SAR (measured) = 9.4 W/kg



System Check_5600MHz_Head

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

Medium: HSL_5600 Medium parameters used: $f = 5600$ MHz; $\sigma = 4.936$ S/m; $\epsilon_r = 36.913$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(4.55, 4.55, 4.55) @ 5600 MHz; Calibrated: 2023.9.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.9.19
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- 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) = 35.1 W/kg

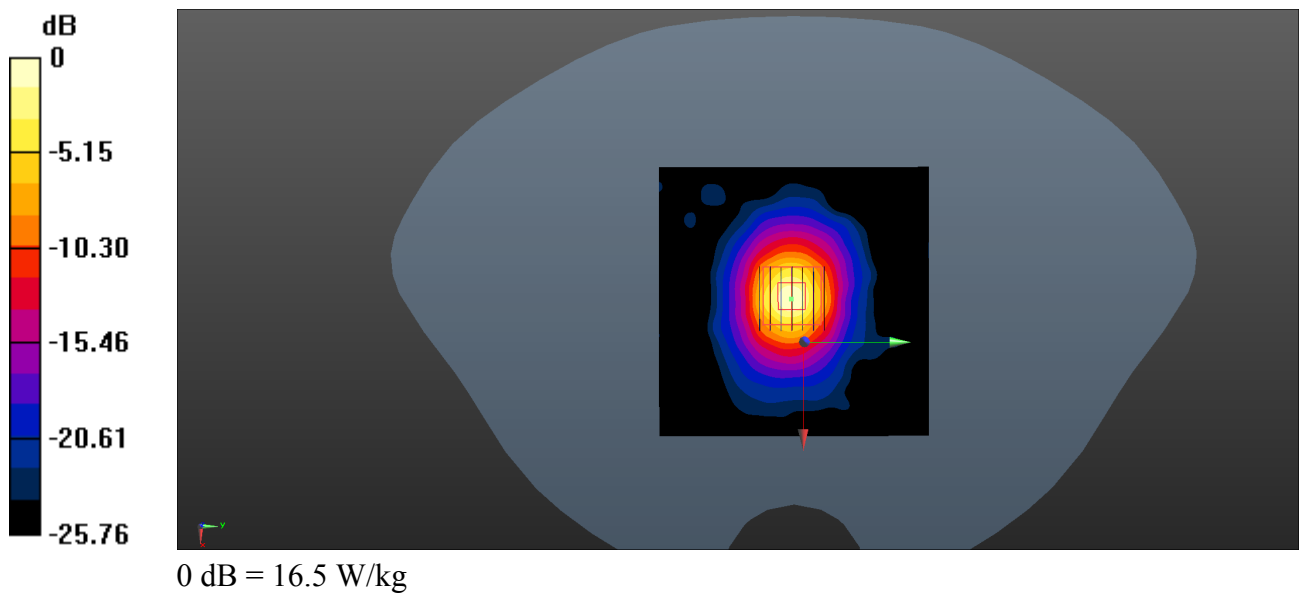
CW5600/Zoom Scan (7x7x13)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 52.02 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 70.7 W/kg

SAR(1 g) = 8.27 W/kg; SAR(10 g) = 2.43 W/kg

Maximum value of SAR (measured) = 16.5 W/kg



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; $\sigma = 5.169$ S/m; $\epsilon_r = 36.84$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(4.62, 4.62, 4.62) @ 5750 MHz; Calibrated: 2023.9.14
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2023.9.19
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- 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) = 40.0 W/kg

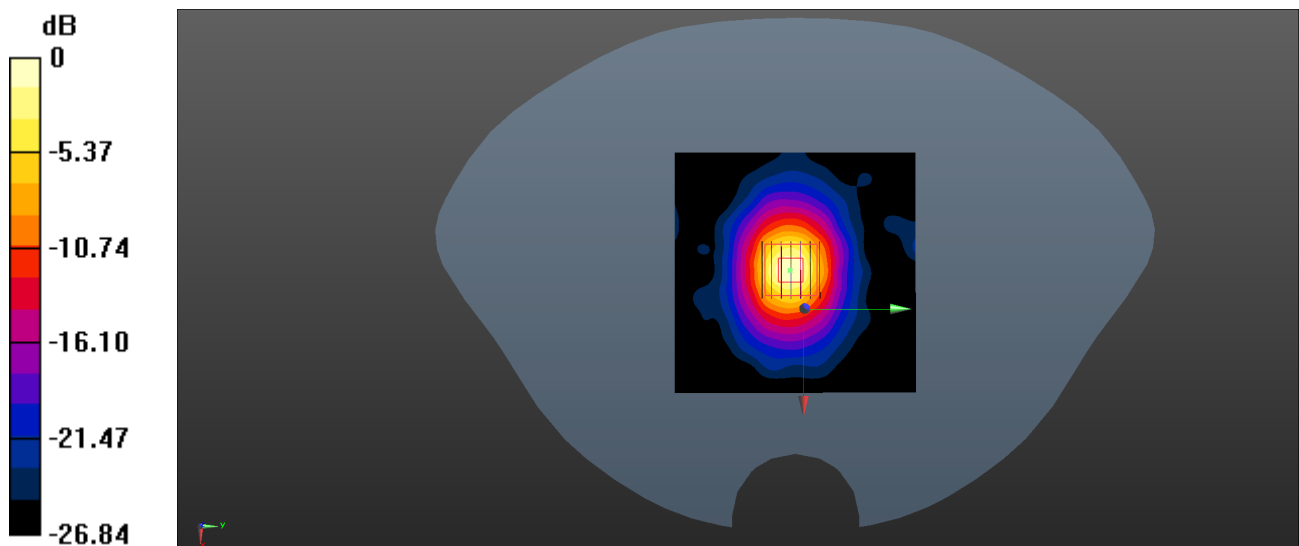
CW5750/Zoom Scan (7x7x13)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 58.78 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 78.0 W/kg

SAR(1 g) = 8.06 W/kg; SAR(10 g) = 2.19 W/kg

Maximum value of SAR (measured) = 17.7 W/kg



0 dB = 17.7 W/kg