



REPORT No.: SZ23040082S01

## Annex C Plots of System Performance Check

## System Check\_750MHz\_Head

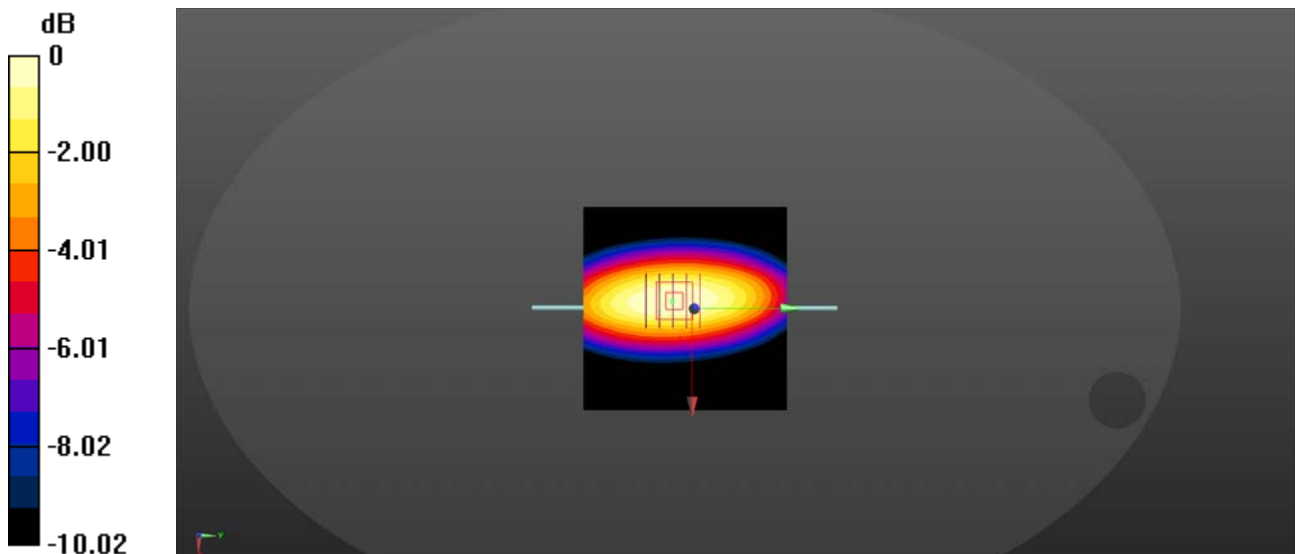
Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1  
Medium: HSL\_750 Medium parameters used:  $f = 750$  MHz;  $\sigma = 0.905$  S/m;  $\epsilon_r = 40.45$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(10.45, 10.45, 10.45) @ 750 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- 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 (7483)

**CW750/Area Scan (81x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 3.13 W/kg

**CW750/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 53.58 V/m; Power Drift = -0.05 dB  
Peak SAR (extrapolated) = 3.58 W/kg  
**SAR(1 g) = 2.19 W/kg; SAR(10 g) = 1.44 W/kg**  
Maximum value of SAR (measured) = 3.02 W/kg



0 dB = 3.02 W/kg

## 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;  $\sigma = 0.903$  S/m;  $\epsilon_r = 40.407$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(10.45, 10.45, 10.45) @ 750 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- 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 (7483)

**CW750/Area Scan (81x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 3.12 W/kg

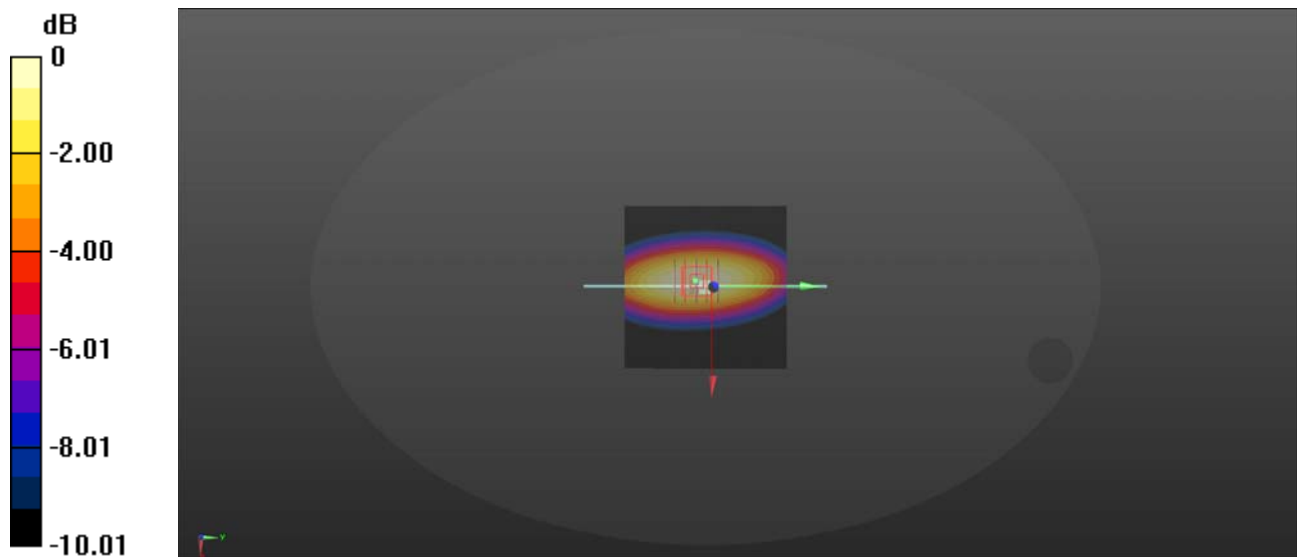
**CW750/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 53.54 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 3.52 W/kg

**SAR(1 g) = 2.13 W/kg; SAR(10 g) = 1.39 W/kg**

Maximum value of SAR (measured) = 3.03 W/kg



0 dB = 3.03 W/kg

## System Check\_900MHz\_Head

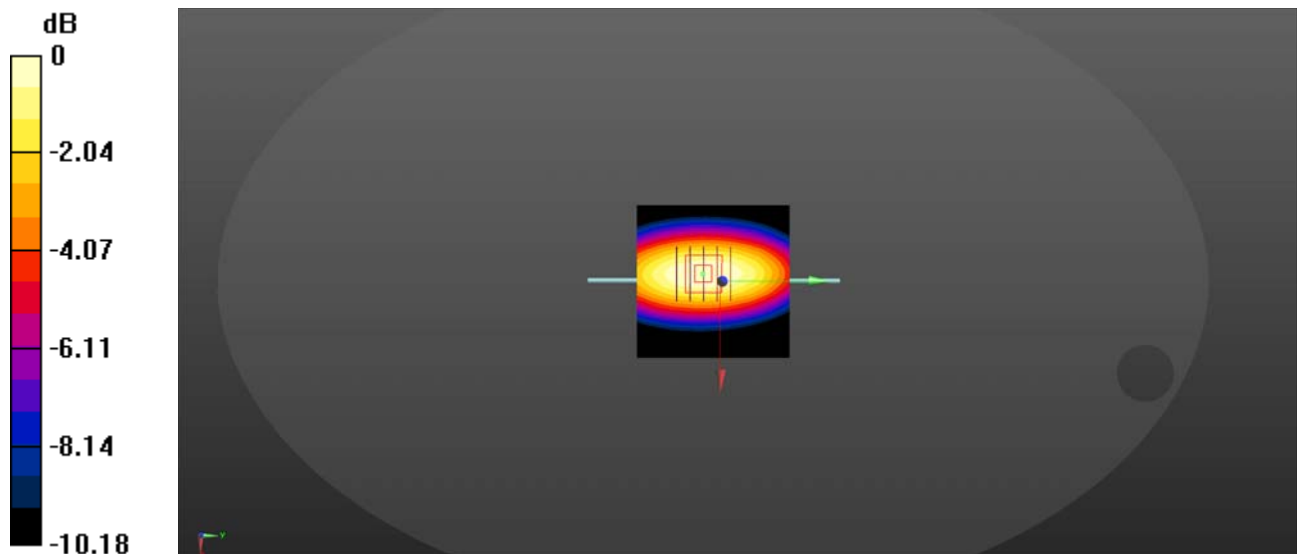
Communication System: UID 0, CW (0); Frequency: 900 MHz; Duty Cycle: 1:1  
Medium: HSL\_900 Medium parameters used:  $f = 900$  MHz;  $\sigma = 0.969$  S/m;  $\epsilon_r = 39.939$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(10, 10, 10) @ 900 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- 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 (7483)

**CW900/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 4.20 W/kg

**CW900/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 60.46 V/m; Power Drift = -0.14 dB  
Peak SAR (extrapolated) = 4.79 W/kg  
**SAR(1 g) = 2.78 W/kg; SAR(10 g) = 1.83 W/kg**  
Maximum value of SAR (measured) = 4.03 W/kg



0 dB = 4.03 W/kg

## System Check\_1800MHz\_Head

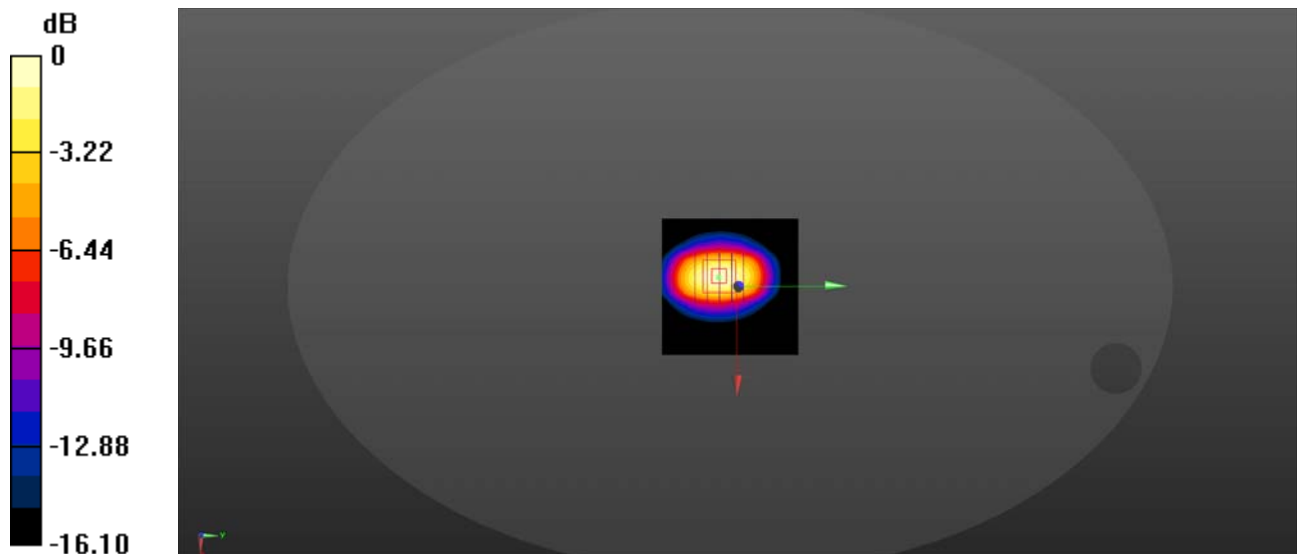
Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1  
Medium: HSL\_1800 Medium parameters used:  $f = 1800$  MHz;  $\sigma = 1.389$  S/m;  $\epsilon_r = 39.657$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(8.4, 8.4, 8.4) @ 1800 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- 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 (7483)

**CW1800/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 14.6 W/kg

**CW1800/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 74.69 V/m; Power Drift = 0.11 dB  
Peak SAR (extrapolated) = 17.4 W/kg  
**SAR(1 g) = 9.88 W/kg; SAR(10 g) = 5.37 W/kg**  
Maximum value of SAR (measured) = 13.9 W/kg



0 dB = 13.9 W/kg

## System Check\_1800MHz\_Head

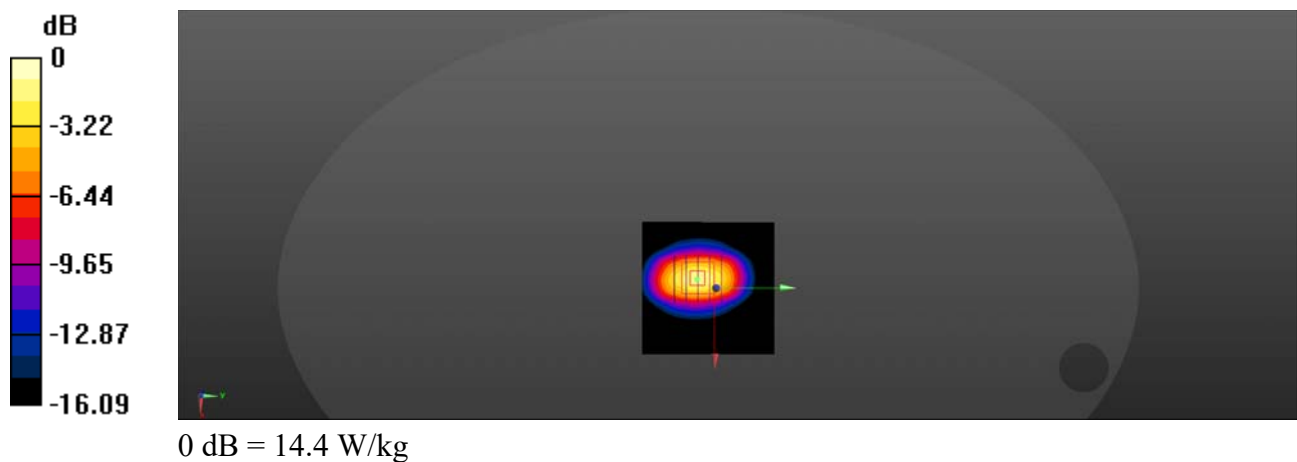
Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1  
Medium: HSL\_1800 Medium parameters used:  $f = 1800$  MHz;  $\sigma = 1.392$  S/m;  $\epsilon_r = 39.597$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.4 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(8.4, 8.4, 8.4) @ 1800 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- 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 (7483)

**CW1800/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 14.5 W/kg

**CW1800/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 74.67 V/m; Power Drift = 0.06 dB  
Peak SAR (extrapolated) = 17.5 W/kg  
**SAR(1 g) = 9.9 W/kg; SAR(10 g) = 5.38 W/kg**  
Maximum value of SAR (measured) = 14.4 W/kg



## System Check\_2000MHz\_Head

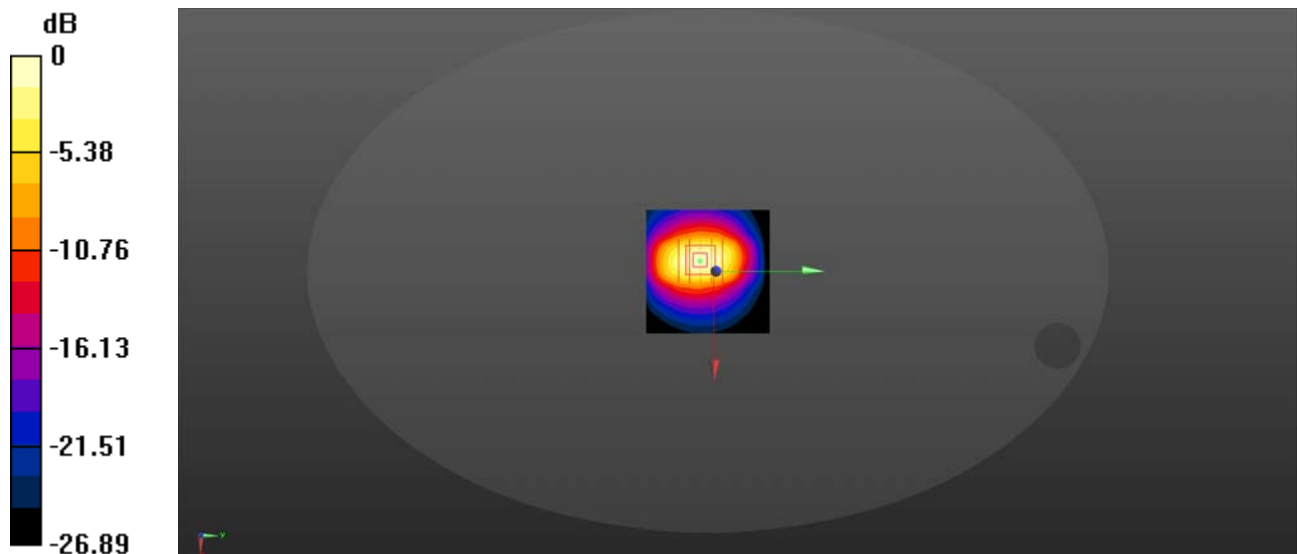
Communication System: UID 0, CW (0); Frequency: 2000 MHz; Duty Cycle: 1:1  
Medium: HSL\_2000 Medium parameters used:  $f = 2000$  MHz;  $\sigma = 1.428$  S/m;  $\epsilon_r = 39.425$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(8.13, 8.13, 8.13) @ 2000 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- 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 (7483)

**CW2000/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 15.6 W/kg

**CW2000/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 72.69 V/m; Power Drift = -0.15 dB  
Peak SAR (extrapolated) = 18.4 W/kg  
**SAR(1 g) = 10.48 W/kg; SAR(10 g) = 5.45 W/kg**  
Maximum value of SAR (measured) = 14.8 W/kg



0 dB = 14.8 W/kg

## System Check\_2300MHz\_Head

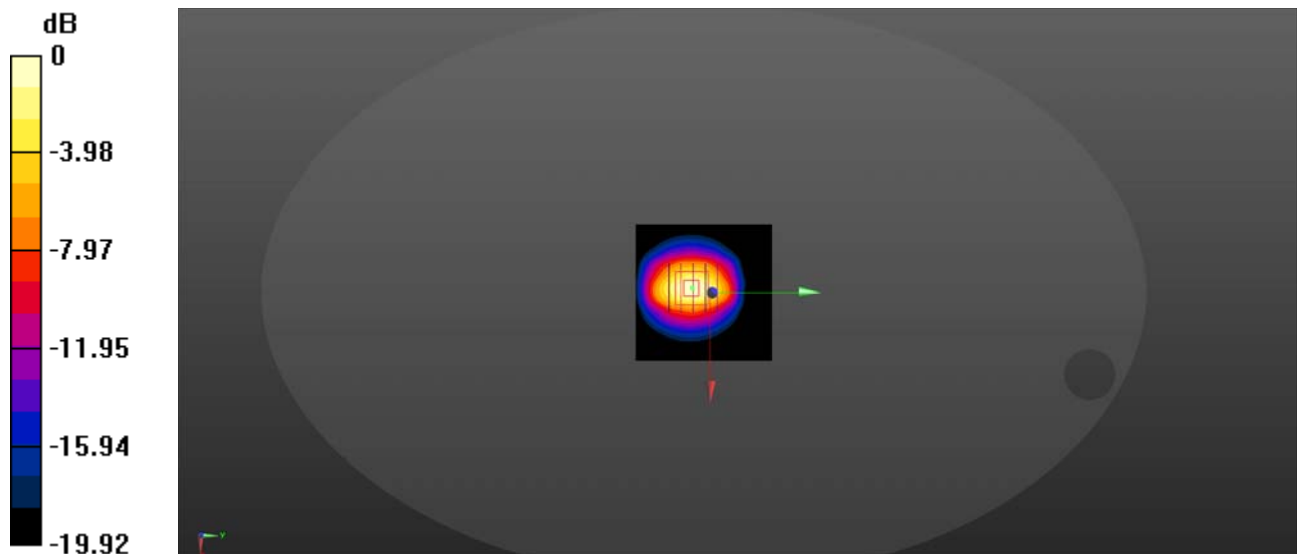
Communication System: UID 0, CW (0); Frequency: 2300 MHz; Duty Cycle: 1:1  
Medium: HSL\_2300 Medium parameters used:  $f = 2300$  MHz;  $\sigma = 1.634$  S/m;  $\epsilon_r = 39.206$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.85, 7.85, 7.85) @ 2300 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- 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 (7483)

**CW2300/Area Scan (61x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 21.4 W/kg

**CW2300/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 87.46 V/m; Power Drift = 0.13 dB  
Peak SAR (extrapolated) = 29.0 W/kg  
**SAR(1 g) = 11.5 W/kg; SAR(10 g) = 6.11 W/kg**  
Maximum value of SAR (measured) = 21.8 W/kg



0 dB = 21.8 W/kg



## System Check\_2450MHz\_Head

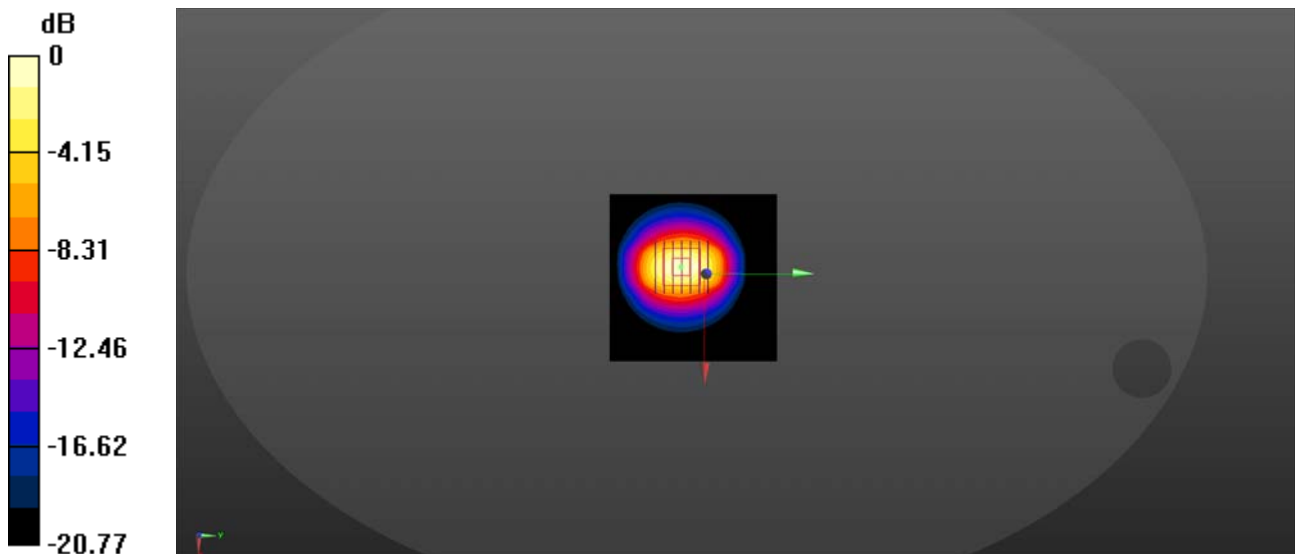
Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1  
Medium: HSL\_2450 Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.81$  S/m;  $\epsilon_r = 38.756$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.7 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.6, 7.6, 7.6) @ 2450 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- 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 (7483)

**CW2450/Area Scan (81x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm  
Maximum value of SAR (interpolated) = 21.6 W/kg

**CW2450/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 81.40 V/m; Power Drift = 0.09 dB  
Peak SAR (extrapolated) = 28.4 W/kg  
**SAR(1 g) = 13.2 W/kg; SAR(10 g) = 5.76 W/kg**  
Maximum value of SAR (measured) = 21.5 W/kg



0 dB = 21.5 W/kg

## System Check\_2600MHz\_Head

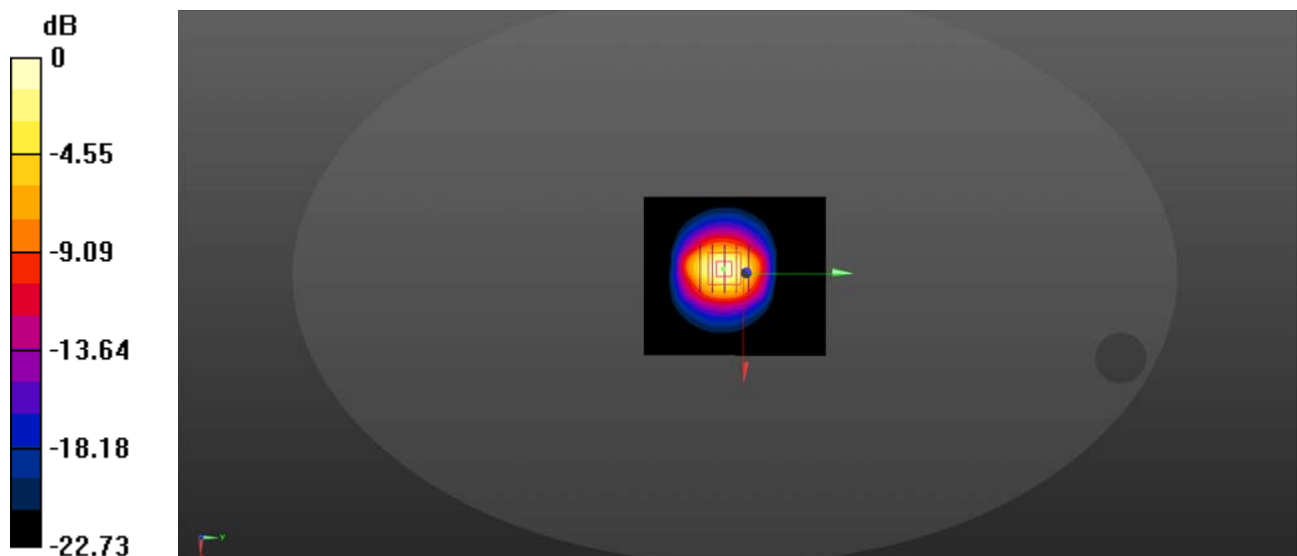
Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1  
Medium: HSL\_2600 Medium parameters used:  $f = 2600$  MHz;  $\sigma = 1.98$  S/m;  $\epsilon_r = 38.249$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.7 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.34, 7.34, 7.34) @ 2600 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- 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 (7483)

**CW2600/Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm  
Maximum value of SAR (interpolated) = 14.2 W/kg

**CW2600/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
Reference Value = 61.43 V/m; Power Drift = 0.06 dB  
Peak SAR (extrapolated) = 17.1 W/kg  
**SAR(1 g) = 14.4 W/kg; SAR(10 g) = 6.17 W/kg**  
Maximum value of SAR (measured) = 12.9 W/kg



0 dB = 12.9 W/kg

## System Check\_5250MHz\_Head

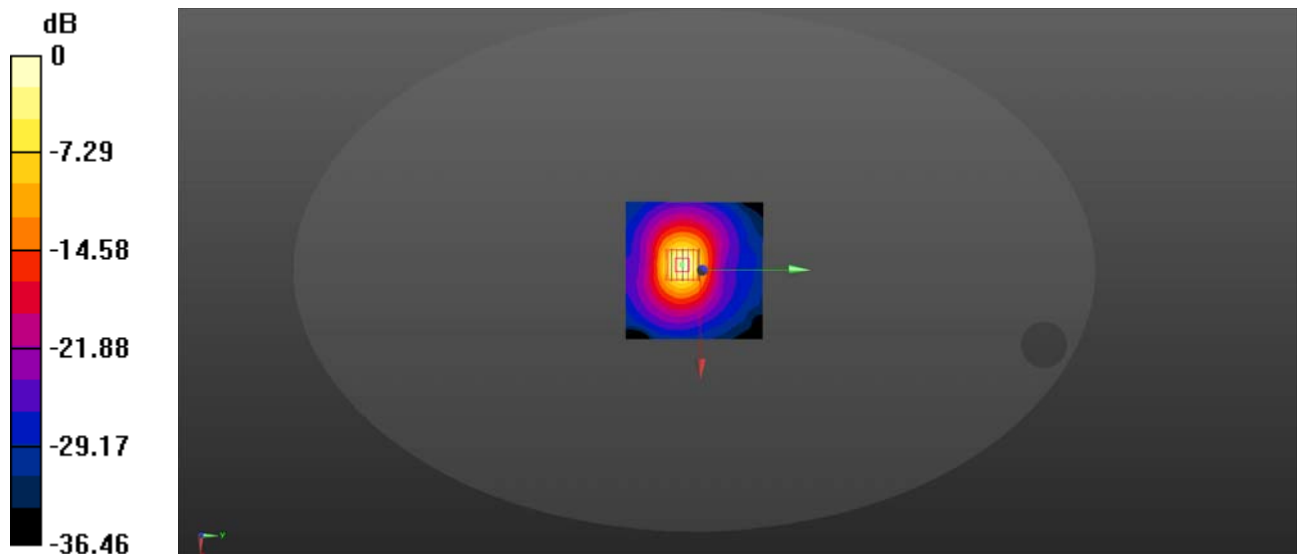
Communication System: UID 0, CW (0); Frequency: 5250 MHz; Duty Cycle: 1:1  
Medium: HSL\_5250 Medium parameters used:  $f = 5250$  MHz;  $\sigma = 4.815$  S/m;  $\epsilon_r = 35.353$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(5.35, 5.35, 5.35) @ 5250 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- 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 (7483)

**CW5250/Area Scan (101x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 19.6 W/kg

**CW5250/Zoom Scan (7x7x13)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 29.00 V/m; Power Drift = 0.17 dB  
Peak SAR (extrapolated) = 38.3 W/kg  
**SAR(1 g) = 8.2 W/kg; SAR(10 g) = 2.26 W/kg**  
Maximum value of SAR (measured) = 21.0 W/kg



0 dB = 21.0 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;  $\sigma = 5.19$  S/m;  $\epsilon_r = 34.586$ ;  $\rho = 1000$  kg/m<sup>3</sup>

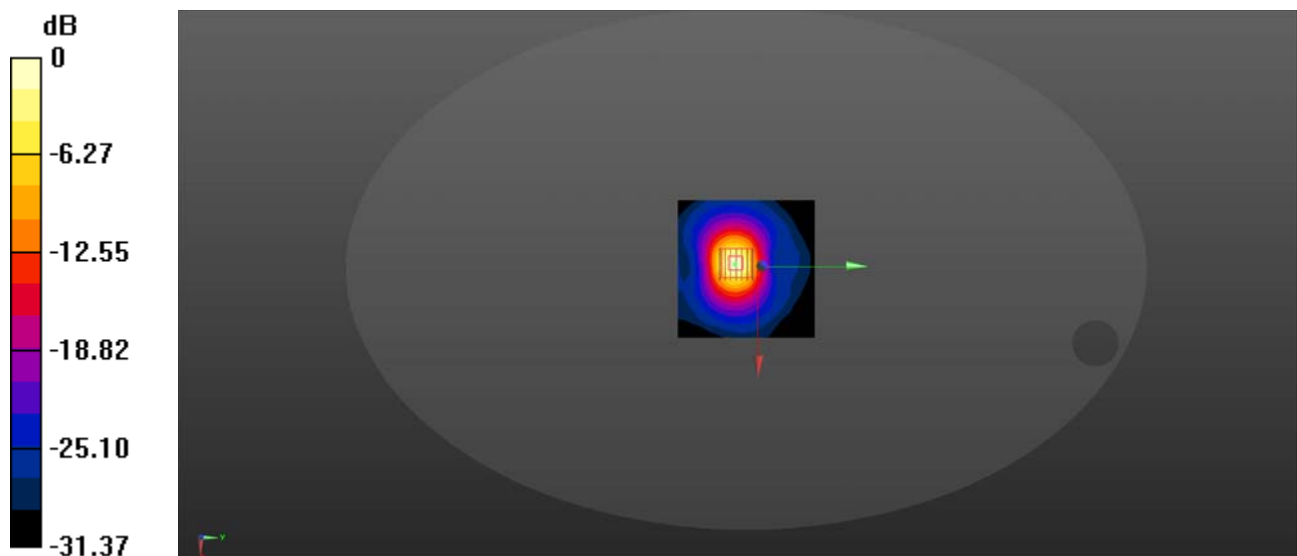
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.8 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(4.8, 4.8, 4.8) @ 5600 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- 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 (7483)

**CW5600/Area Scan (101x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 23.4 W/kg

**CW5600/Zoom Scan (7x7x13)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 33.05 V/m; Power Drift = -0.15 dB  
Peak SAR (extrapolated) = 44.8 W/kg  
**SAR(1 g) = 8.57 W/kg; SAR(10 g) = 2.44 W/kg**  
Maximum value of SAR (measured) = 23.1 W/kg



0 dB = 23.1 W/kg

## System Check\_5750MHz\_Head

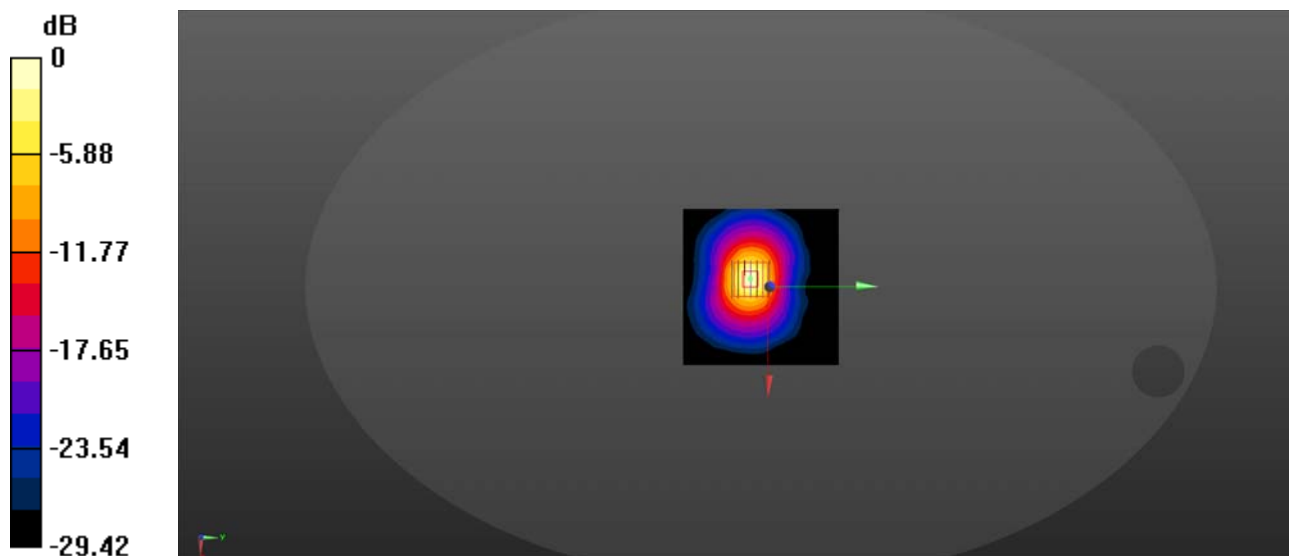
Communication System: UID 0, CW (0); Frequency: 5750 MHz; Duty Cycle: 1:1  
Medium: HSL\_5750 Medium parameters used:  $f = 5750$  MHz;  $\sigma = 5.357$  S/m;  $\epsilon_r = 34.277$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.5 °C

### DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(4.87, 4.87, 4.87) @ 5750 MHz; Calibrated: 2023.03.15
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2023.02.22
- 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 (7483)

**CW5750/Area Scan (101x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm  
Maximum value of SAR (interpolated) = 10.9 W/kg

**CW5750/Zoom Scan (7x7x13)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm  
Reference Value = 22.95 V/m; Power Drift = 0.10 dB  
Peak SAR (extrapolated) = 23.6 W/kg  
**SAR(1 g) = 7.73 W/kg; SAR(10 g) = 2.32 W/kg**  
Maximum value of SAR (measured) = 11.9 W/kg



0 dB = 11.9 W/kg