

# Appendix A

## Detailed System Check Results

1. System Performance Check
System Performance Check 13 MHz Head
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Test Laboratory: SGS-SAR Lab

**System Check\_Head\_13MHz****DUT: CLA-13; Type: CLA-13; Serial: 1032**

Communication System: UID 0, CW (0); Frequency: 13 MHz;Duty Cycle: 1:1

Medium: HSL\_13;Medium parameters used:  $f = 13$  MHz;  $\sigma = 0.757$  S/m;  $\epsilon_r = 53.7$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7735; ConvF(13.44, 13.44, 13.44) @ 13 MHz; Calibrated: 2023-12-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2024-03-18
- Phantom: ELI V4.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1123
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

**Configuration/Pin=250mW/Area Scan (8x8x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.153 W/kg

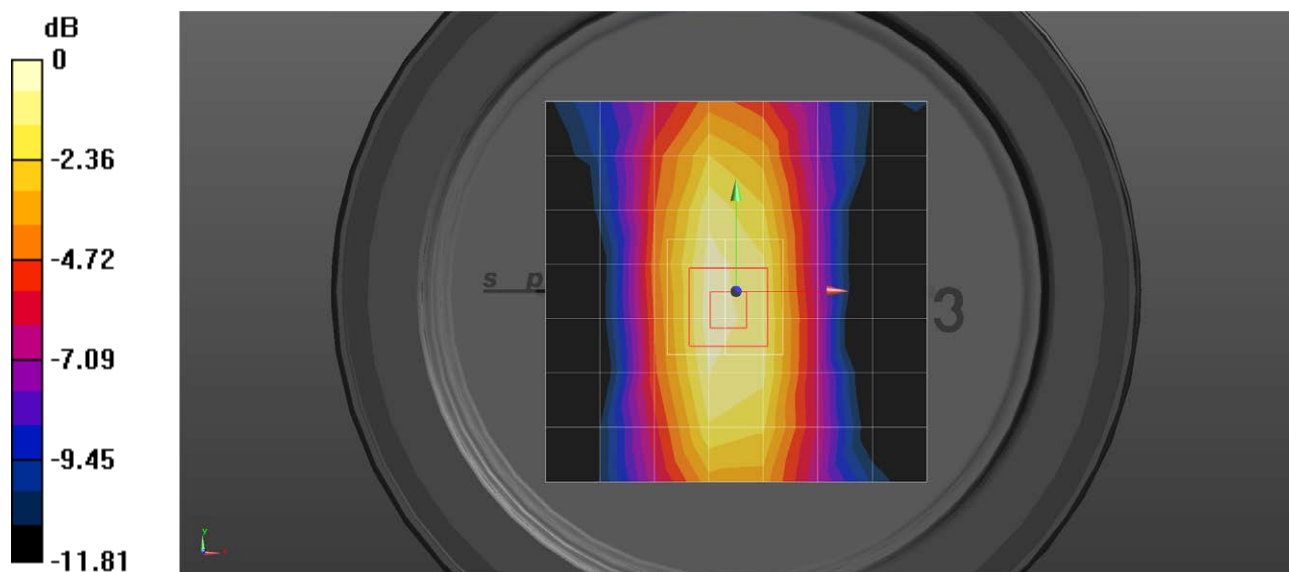
**Configuration/Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.66 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.200 W/kg

**SAR(1 g) = 0.114 W/kg; SAR(10 g) = 0.072 W/kg**

Maximum value of SAR (measured) = 0.164 W/kg



0 dB = 0.164 W/kg = -7.85 dBW/kg

**System Performance Check 750 MHz Head****D750V3-SN 1160**

Communication System: D750; Frequency: 750.000

Medium: HSL. Medium parameters used:  $f = 750.000$  MHz;  $\sigma = 0.900$  S/m;  $\epsilon_r = 41.6$

**DASY8 Configuration:**

- Probe: EX3DV4 - SN7821; ConvF(9.08, 9.35, 9.65); Calibrated: 2023-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2023-07-14
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.2.4.2524

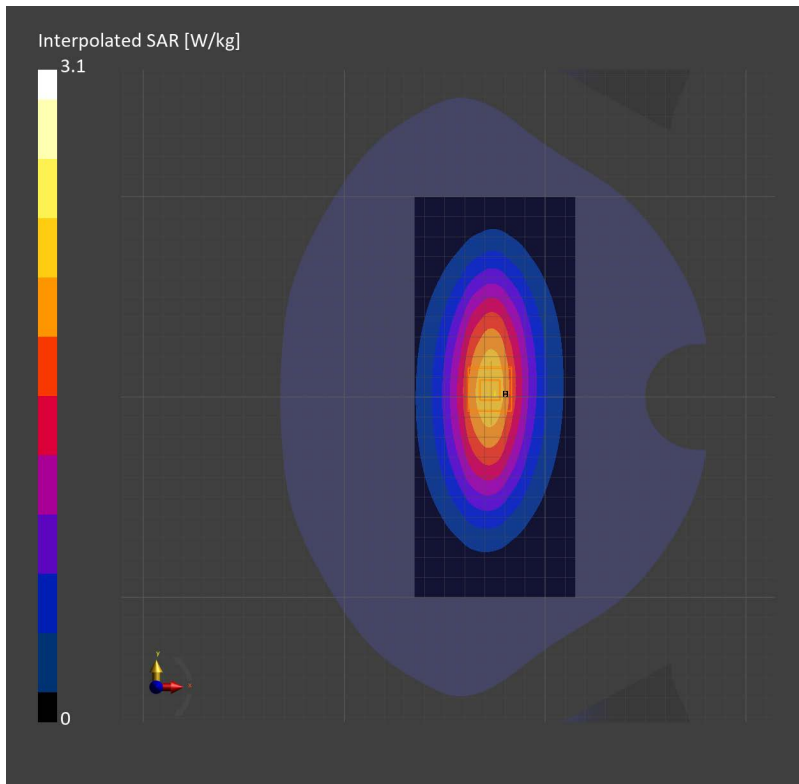
**Area Scan (80.0 mm x 200.0 mm):** Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 2.29 W/kg; SAR (10g) = 1.53 W/kg;

**Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm):** Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = -0.00 dB

SAR (1g) = 2.20 W/kg; SAR (10g) = 1.46 W/kg;



**System Performance Check 750 MHz Head****D750V3-SN 1160**

Communication System: D750; Frequency: 750.000

Medium: HSL. Medium parameters used:  $f = 750.000$  MHz;  $\sigma = 0.890$  S/m;  $\epsilon_r = 42.8$

**DASY8 Configuration:**

- Probe: EX3DV4 - SN7821; ConvF(9.08, 9.35, 9.65); Calibrated: 2023-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2023-07-14
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.2.4.2524

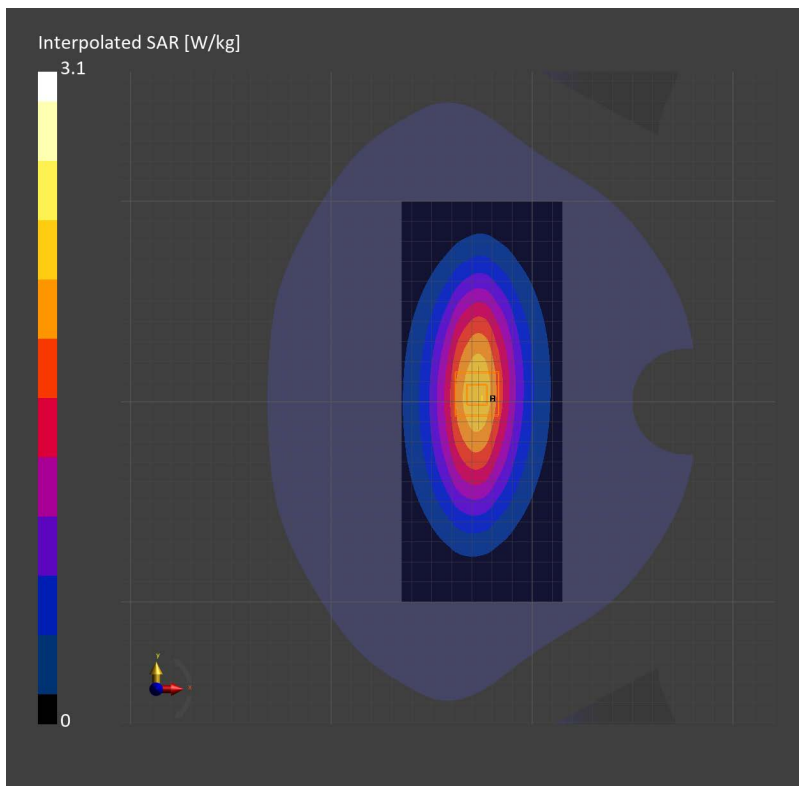
**Area Scan (80.0 mm x 200.0 mm):** Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 2.16 W/kg; SAR (10g) = 1.42 W/kg;

**Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm):** Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = -0.07 dB

SAR (1g) = 2.11 W/kg; SAR (10g) = 1.39 W/kg;



Test Laboratory: SGS-SAR Lab

**System Performance Check 835 MHz Head****DUT: D835V2; Type: Dipole; Serial: 4d105**

Communication System: UID 0, CW (0); Frequency: 835 MHz;Duty Cycle: 1:1

Medium: HSL835;Medium parameters used:  $f = 835$  MHz;  $\sigma = 0.914$  S/m;  $\epsilon_r = 43.053$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.72, 8.72, 8.72); Calibrated: 2023-11-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2024-03-18
- Phantom: SAM 3; Type: SAM Twin; Serial: 2031
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

**Configuration/d=15mm, Pin=250mW/Area Scan (8x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 2.89 W/kg

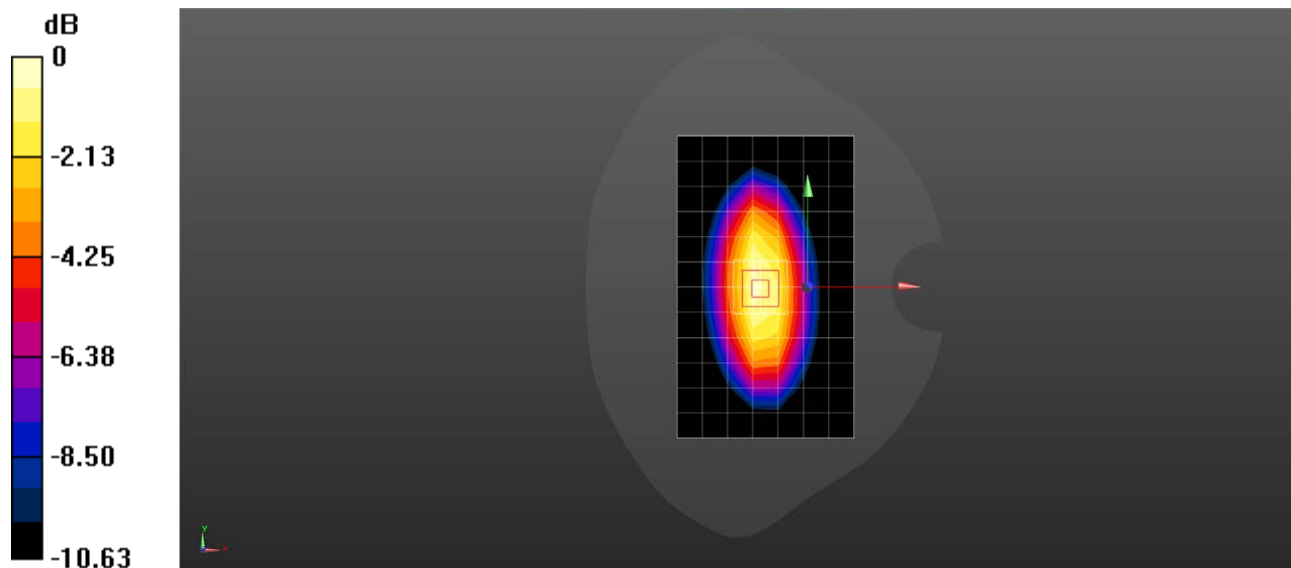
**Configuration/d=15mm, Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 52.98 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 3.42 W/kg

**SAR(1 g) = 2.38 W/kg; SAR(10 g) = 1.56 W/kg**

Maximum value of SAR (measured) = 3.11 W/kg



0 dB = 3.11 W/kg = 4.93 dBW/kg

**System Performance Check 835 MHz Head****D835V2-SN 4d105**

Communication System: D835; Frequency: 835.000

Medium: HSL. Medium parameters used:  $f = 835.000$  MHz;  $\sigma = 0.941$  S/m;  $\epsilon_r = 41.3$

**DASY8 Configuration:**

- Probe: EX3DV4 - SN7821; ConvF(8.78, 9.28, 9.61); Calibrated: 2023-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2023-07-14
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.2.4.2524

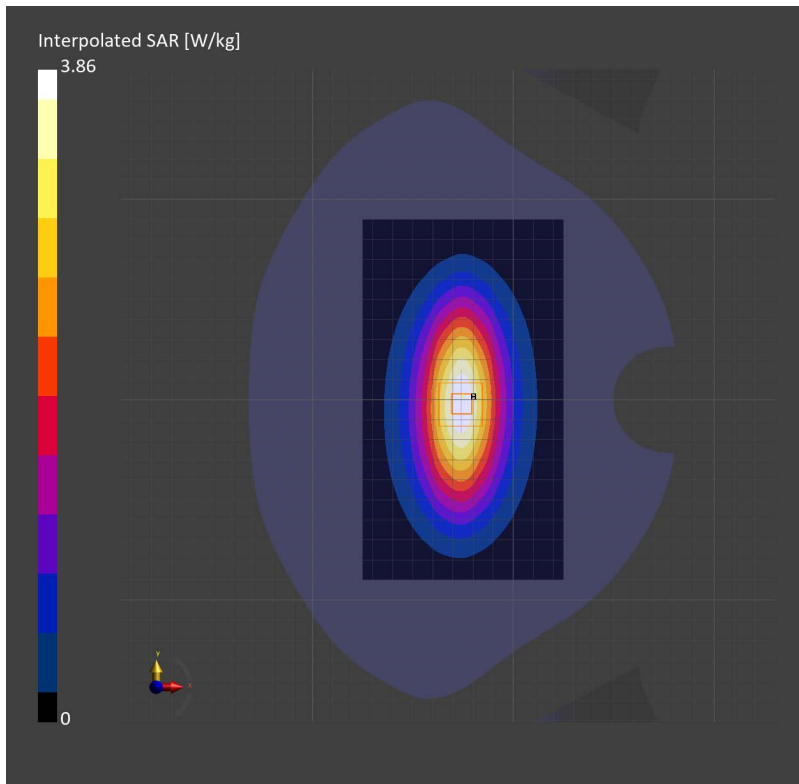
**Area Scan (100.0 mm x 180.0 mm):** Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 2.48 W/kg; SAR (10g) = 1.62 W/kg;

**Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm):** Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = -0.01 dB

SAR (1g) = 2.40 W/kg; SAR (10g) = 1.58 W/kg;



**System Performance Check 835 MHz Head****D835V2-SN 4d105**

Communication System: D835; Frequency: 835.000

Medium: HSL. Medium parameters used:  $f = 835.000$  MHz;  $\sigma = 0.929$  S/m;  $\epsilon_r = 42.4$

**DASY8 Configuration:**

- Probe: EX3DV4 - SN7821; ConvF(8.78, 9.28, 9.61); Calibrated: 2023-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2023-07-14
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.2.4.2524

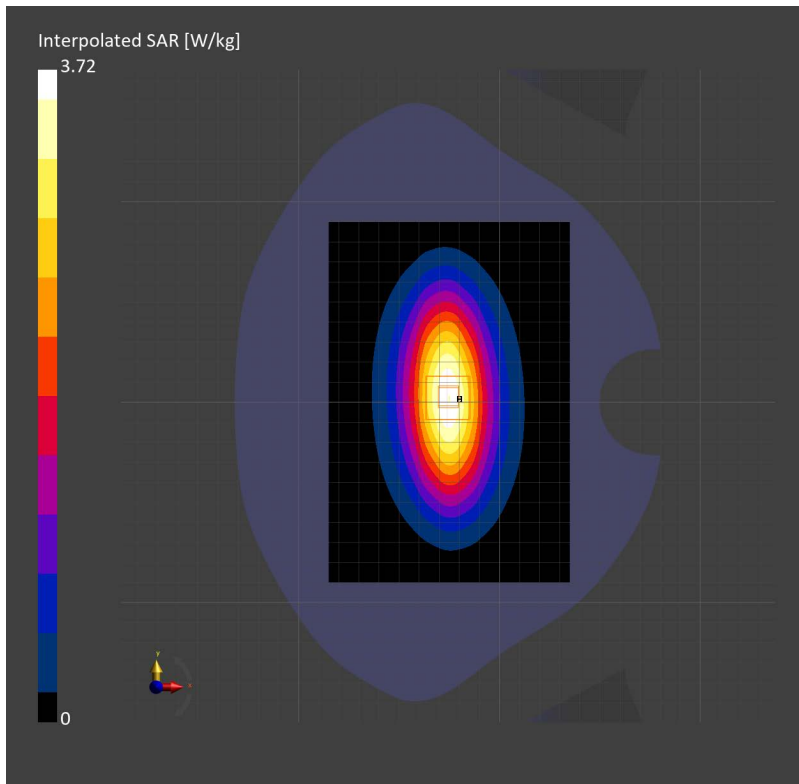
**Area Scan (120.0 mm x 180.0 mm):** Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 2.47 W/kg; SAR (10g) = 1.62 W/kg;

**Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm):** Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = 0.01 dB

SAR (1g) = 2.47 W/kg; SAR (10g) = 1.62 W/kg;



Test Laboratory: SGS-SAR Lab

**System Performance Check 1750 MHz Head****DUT: D1750V2; Type: Dipole; Serial: 1149**

Communication System: UID 0, CW (0); Frequency: 1750 MHz; Duty Cycle: 1:1

Medium: HSL1750; Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.331$  S/m;  $\epsilon_r = 40.566$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.66, 7.66, 7.66); Calibrated: 2023-11-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2024-03-18
- Phantom: SAM 3; Type: SAM Twin; Serial: 2031
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

**Configuration/d=10mm, Pin=250mW/Area Scan (7x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 11.5 W/kg

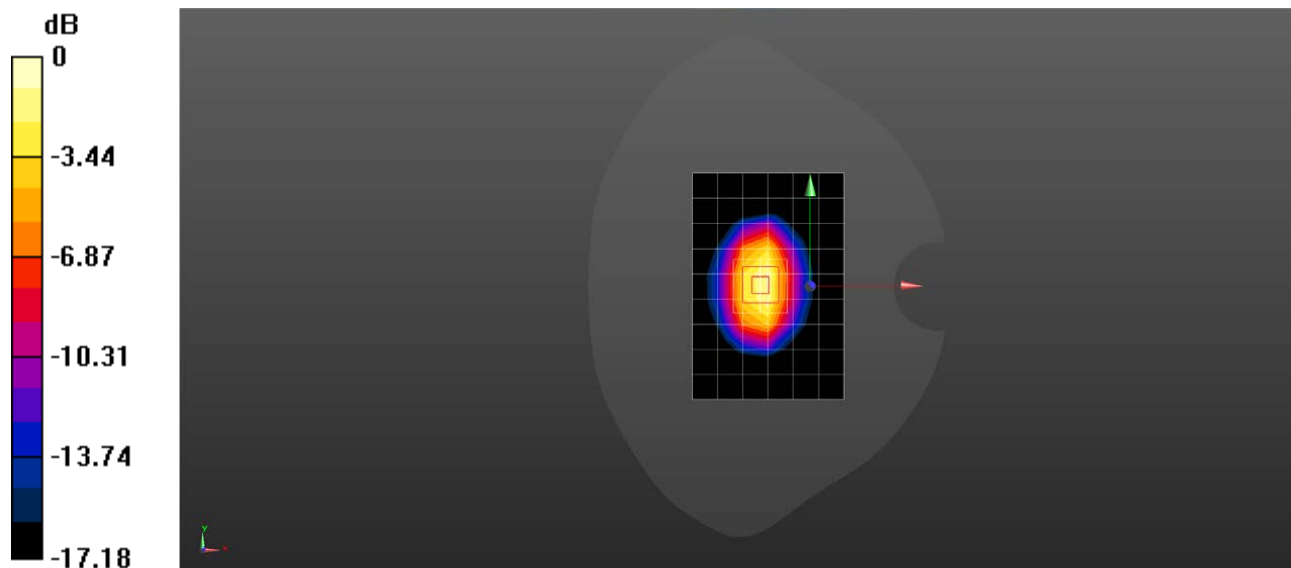
**Configuration/d=10mm, Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 82.75 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 16.6 W/kg

**SAR(1 g) = 9.25 W/kg; SAR(10 g) = 4.92 W/kg**

Maximum value of SAR (measured) = 14.2 W/kg



0 dB = 14.2 W/kg = 11.52 dBW/kg



**System Performance Check 1750 MHz Head****D1750V2-SN 1149**

Communication System: D1750; Frequency: 1750.000

Medium: HSL. Medium parameters used:  $f= 1750.000$  MHz;  $\sigma= 1.41$  S/m;  $\epsilon_r = 40.0$

**DASY8 Configuration:**

- Probe: EX3DV4 - SN7636; ConvF(8.89, 8.89, 8.89); Calibrated: 2023-06-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2023-09-12
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2256
- Measurement Software: cDASY8 V16.2.4.2524

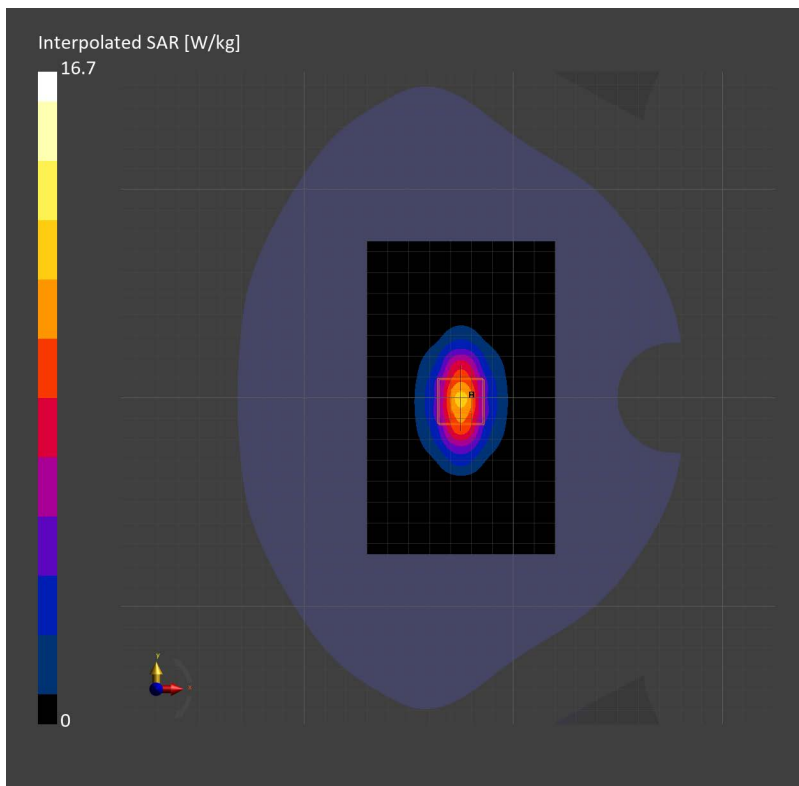
**Area Scan (90.0 mm x 150.0 mm):** Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 9.46 W/kg; SAR (10g) = 5.02 W/kg;

**Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm):** Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = 0.01 dB

SAR (1g) = 9.55 W/kg; SAR (10g) = 5.13 W/kg;



**System Performance Check 1750 MHz Head****D1750V2-SN 1149**

Communication System: D1750; Frequency: 1750.000

Medium: HSL. Medium parameters used:  $f= 1750.000$  MHz;  $\sigma= 1.38$  S/m;  $\epsilon_r = 40.5$

**DASY8 Configuration:**

- Probe: EX3DV4 - SN7821; ConvF(7.54, 7.85, 8.01); Calibrated: 2023-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2023-07-14
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.2.4.2524

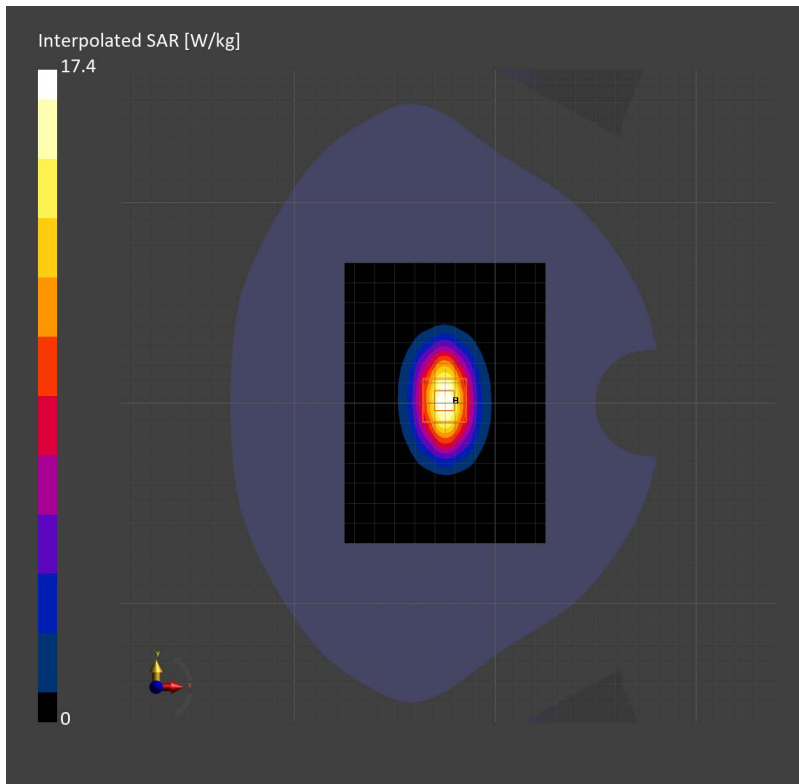
**Area Scan (100.0 mm x 140.0 mm):** Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 9.64 W/kg; SAR (10g) = 5.15 W/kg;

**Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm):** Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = 0.01 dB

SAR (1g) = 9.48 W/kg; SAR (10g) = 5.02 W/kg;



## System Performance Check 1900 MHz Head

### D1900V2- SN 5d028

Communication System: D1900; Frequency: 1900.000

Medium: HSL. Medium parameters used:  $f= 1900.000$  MHz;  $\sigma= 1.43$  S/m;  $\epsilon_r = 39.9$

#### DASY8 Configuration:

- Probe: EX3DV4 - SN7636; ConvF(8.63, 8.63, 8.63); Calibrated: 2023-06-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2023-09-12
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2256
- Measurement Software: cDASY8 V16.2.4.2524

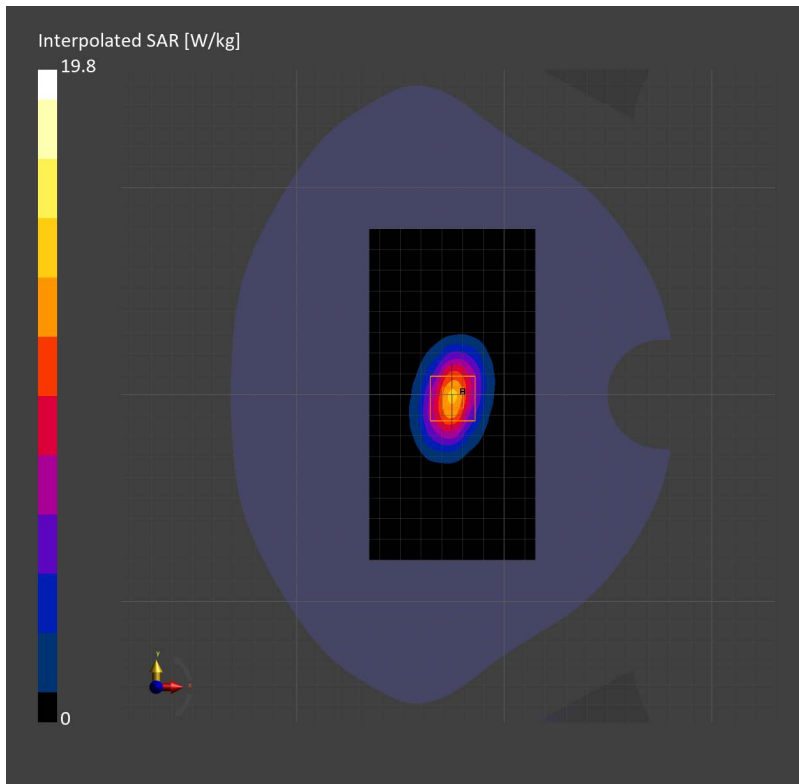
**Area Scan (80.0 mm x 160.0 mm):** Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 10.42 W/kg; SAR (10g) = 5.53 W/kg;

**Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm):** Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = 0.01 dB

SAR (1g) = 10.36 W/kg; SAR (10g) = 5.48 W/kg;



**System Performance Check 1900 MHz Head****D1900V2- SN**

Communication System: D1900; Frequency: 1900.000

Medium: HSL. Medium parameters used:  $f= 1900.000$  MHz;  $\sigma= 1.41$  S/m;  $\epsilon_r = 40.4$

**DASY8 Configuration:**

- Probe: EX3DV4 - SN7821; ConvF(7.35, 7.66, 7.9); Calibrated: 2023-07-17

- Sensor-Surface: 1.4 mm

- Electronics: DAE4ip Sn1803; Calibrated: 2023-07-14

- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146

- Measurement Software: cDASY8 V16.2.4.2524

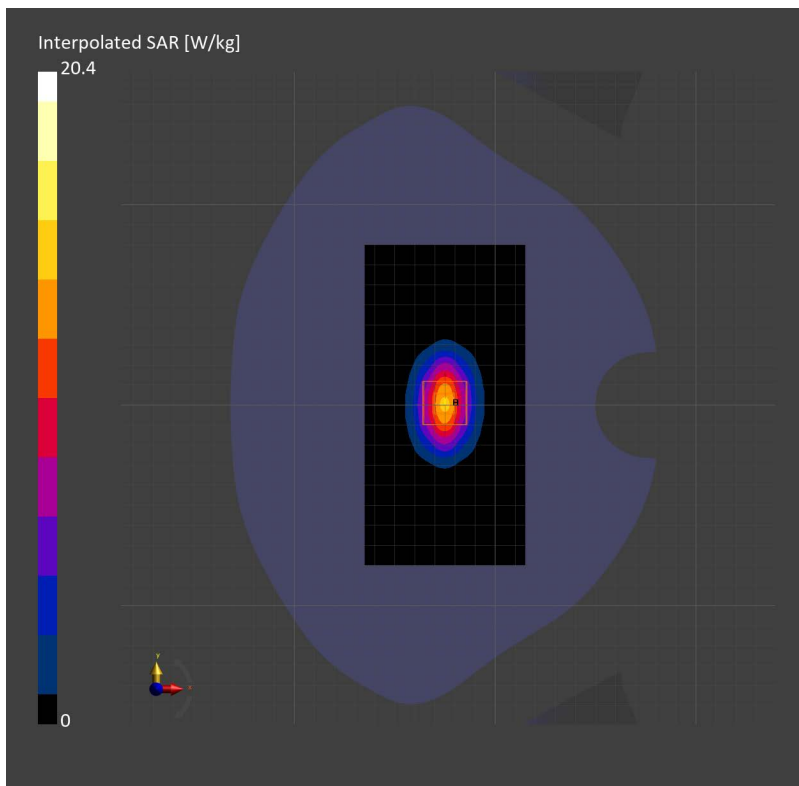
**Area Scan (80.0 mm x 160.0 mm):** Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 11.2 W/kg; SAR (10g) = 5.72 W/kg;

**Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm):** Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = 0.00 dB

SAR (1g) = 10.4 W/kg; SAR (10g) = 5.52 W/kg;



Test Laboratory: SGS-SAR Lab

**System Performance Check 1900 MHz Head****DUT: D1900V2; Type: Dipole; Serial: 5d114**

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: HSL1900; Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.383$  S/m;  $\epsilon_r = 40.181$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.31, 7.31, 7.31); Calibrated: 2023-11-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2024-03-18
- Phantom: SAM 3; Type: SAM Twin; Serial: 2031
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

**Configuration/d=10mm, Pin=250mW/Area Scan (6x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 11.9 W/kg

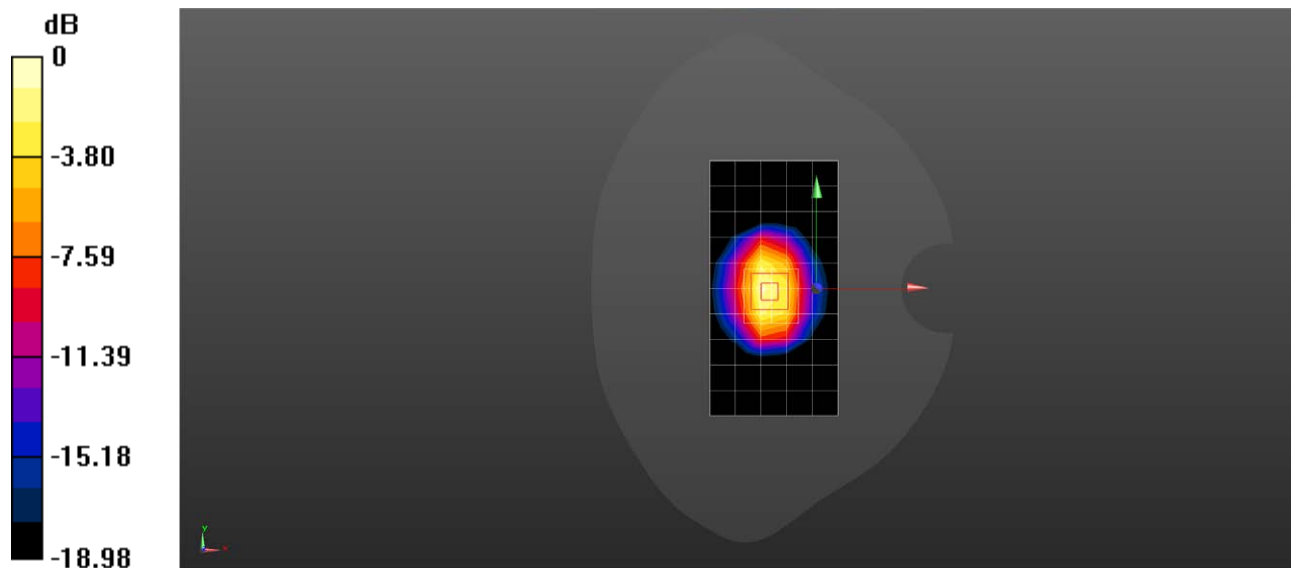
**Configuration/d=10mm, Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 89.75 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 17.8 W/kg

**SAR(1 g) = 10.1 W/kg; SAR(10 g) = 5.19 W/kg**

Maximum value of SAR (measured) = 14.1 W/kg



0 dB = 14.1 W/kg = 11.49 dBW/kg

Test Laboratory: SGS-SAR Lab

**System Performance Check 2450MHz Head****DUT: D2450V2; Type: Dipole; Serial: 733**

Communication System: UID 0, CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: HSL2450; Medium parameters used:  $f = 2450$  MHz;  $\sigma = 1.789$  S/m;  $\epsilon_r = 40.775$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7620; ConvF(8.22, 8.22, 8.22); Calibrated: 2023/12/13
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn702; Calibrated: 2023/11/17
- Phantom: SAM 1; Type: SAM; Serial: 1912
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/d=10mm, Pin=250mW/Area Scan (7x10x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 21.2 W/kg

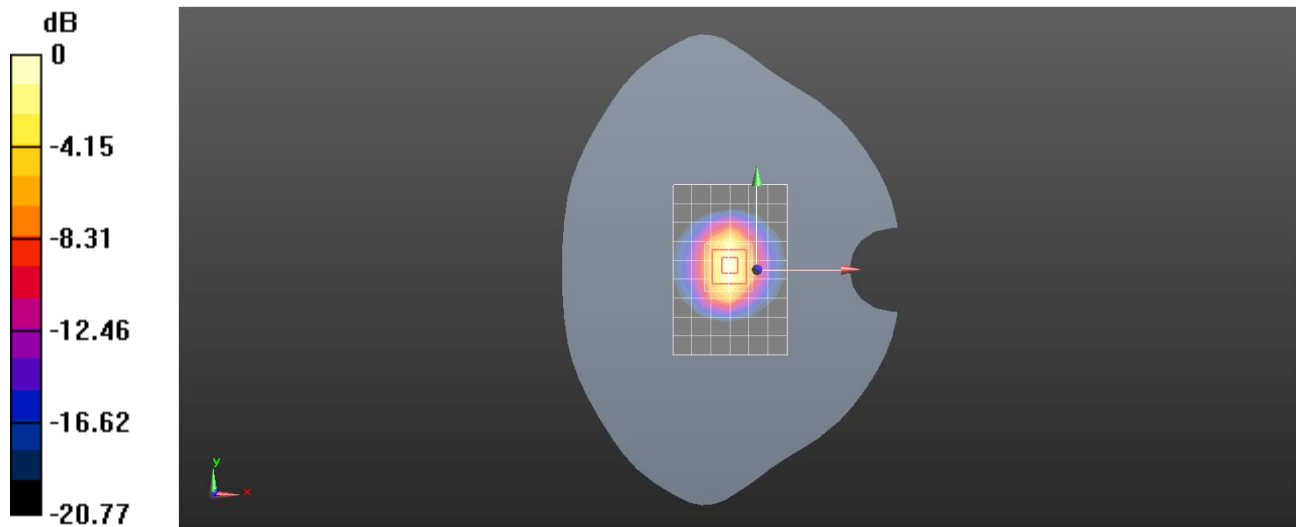
**Configuration/d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 91.84 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 26.0 W/kg

**SAR(1 g) = 13.2 W/kg; SAR(10 g) = 6.37 W/kg**

Maximum value of SAR (measured) = 21.2 W/kg



0 dB = 21.2 W/kg = 13.26 dBW/kg

Test Laboratory: SGS-SAR Lab

**System Performance Check 2600MHz Head****DUT: D2600V2; Type: Dipole; Serial: 1125**

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1

Medium: HSL2600; Medium parameters used:  $f = 2600$  MHz;  $\sigma = 1.975$  S/m;  $\epsilon_r = 38.888$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.76, 6.76, 6.76); Calibrated: 2023-11-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2024-03-18
- Phantom: SAM 3; Type: SAM Twin; Serial: 2031
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

**Configuration/d=10mm, Pin=250mW/Area Scan (6x9x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 24.4 W/kg

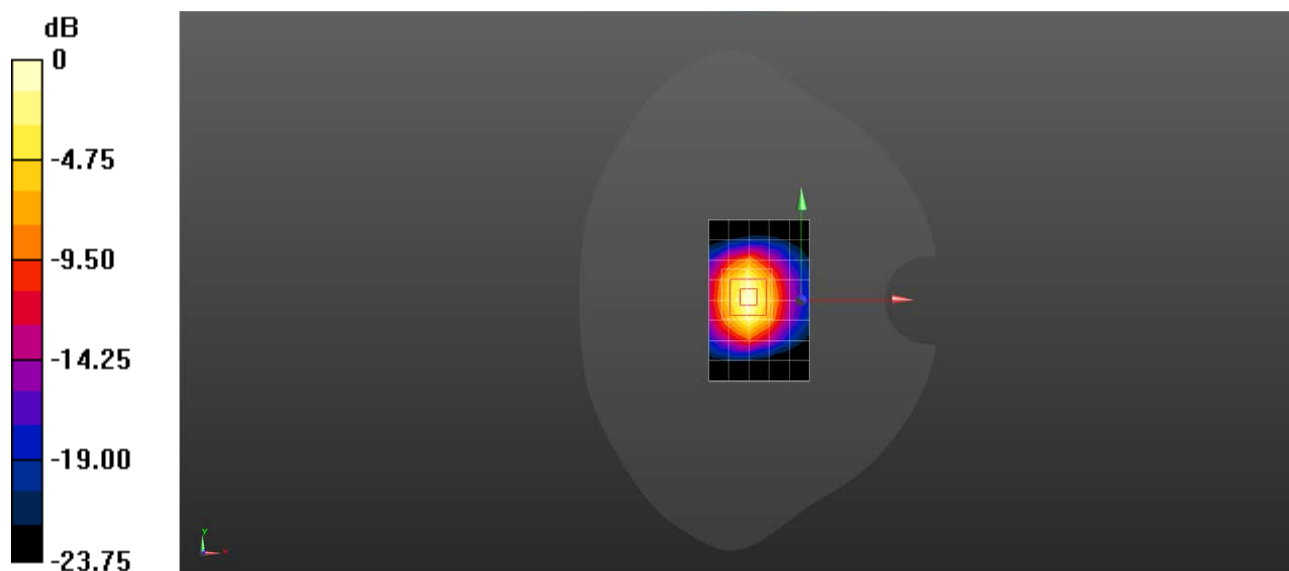
**Configuration/d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 78.86 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 30.4 W/kg

**SAR(1 g) = 14.5 W/kg; SAR(10 g) = 6.55 W/kg**

Maximum value of SAR (measured) = 24.3 W/kg



0 dB = 24.3 W/kg = 13.86 dBW/kg

Test Laboratory: SGS-SAR Lab

**System Performance Check 2600MHz Head****DUT: D2600V2; Type: Dipole; Serial: 1125**

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1

Medium: HSL2600; Medium parameters used:  $f = 2600$  MHz;  $\sigma = 2.003$  S/m;  $\epsilon_r = 39.409$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.76, 6.76, 6.76); Calibrated: 2023-11-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2024-03-18
- Phantom: SAM 3; Type: SAM Twin; Serial: 2031
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

**Configuration/d=10mm, Pin=250mW/Area Scan (6x9x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 24.6 W/kg

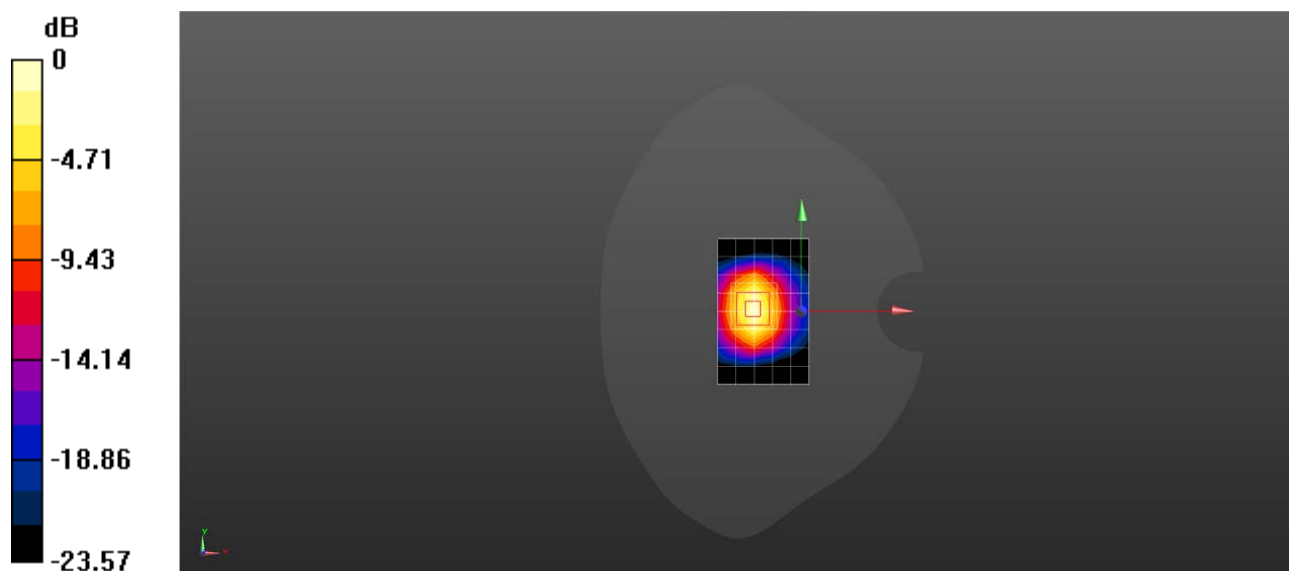
**Configuration/d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 78.09 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 30.0 W/kg

**SAR(1 g) = 14.5 W/kg; SAR(10 g) = 6.54 W/kg**

Maximum value of SAR (measured) = 24.0 W/kg



0 dB = 24.0 W/kg = 13.80 dBW/kg



Test Laboratory: SGS-SAR Lab

**System Performance Check 2600MHz Head****DUT: D2600V2; Type: Dipole; Serial: 1125**

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1

Medium: HSL2600; Medium parameters used:  $f = 2600$  MHz;  $\sigma = 1.967$  S/m;  $\epsilon_r = 39.949$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7620; ConvF(8.02, 8.02, 8.02); Calibrated: 2023/12/13
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn702; Calibrated: 2023/11/17
- Phantom: SAM 1; Type: SAM; Serial: 1912
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/d=10mm, Pin=250mW/Area Scan (7x10x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 22.0 W/kg

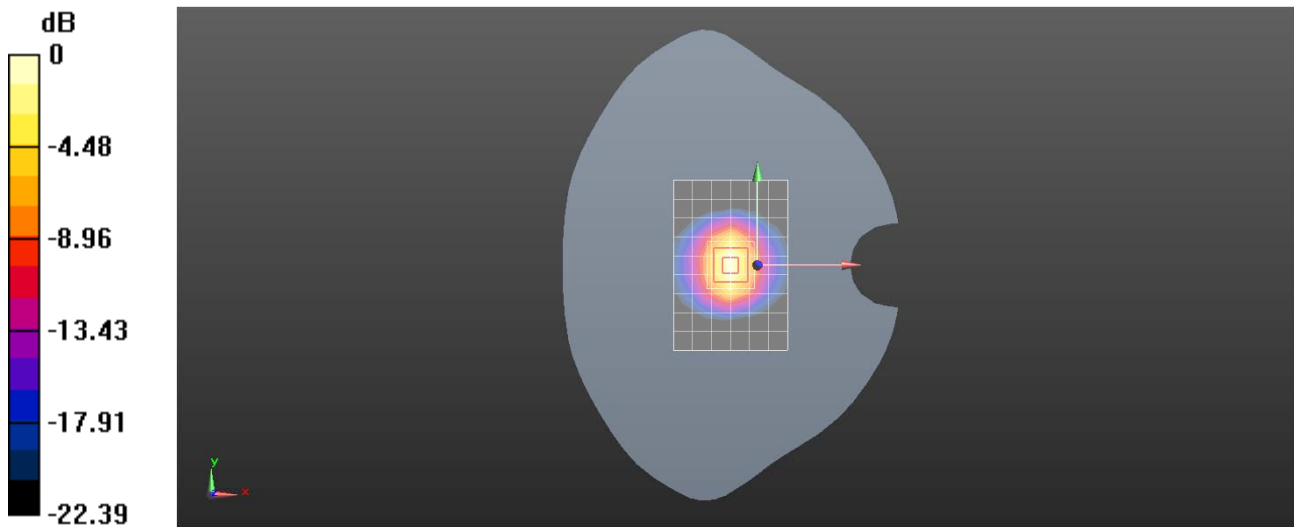
**Configuration/d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 93.03 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 29.5 W/kg

**SAR(1 g) = 14.6 W/kg; SAR(10 g) = 6.51 W/kg**

Maximum value of SAR (measured) = 24.1 W/kg



0 dB = 24.1 W/kg = 13.82 dBW/kg

Test Laboratory: SGS-SAR Lab

**System Performance Check 2600MHz Head****DUT: D2600V2; Type: Dipole; Serial: 1125**

Communication System: UID 0, CW (0); Frequency: 2600 MHz;Duty Cycle: 1:1

Medium: HSL2600;Medium parameters used:  $f = 2600$  MHz;  $\sigma = 1.967$  S/m;  $\epsilon_r = 39.819$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7620; ConvF(8.02, 8.02, 8.02); Calibrated: 2023/12/13
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn702; Calibrated: 2023/11/17
- Phantom: SAM 1; Type: SAM; Serial: 1912
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/d=10mm, Pin=250mW/Area Scan (7x10x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 21.8 W/kg

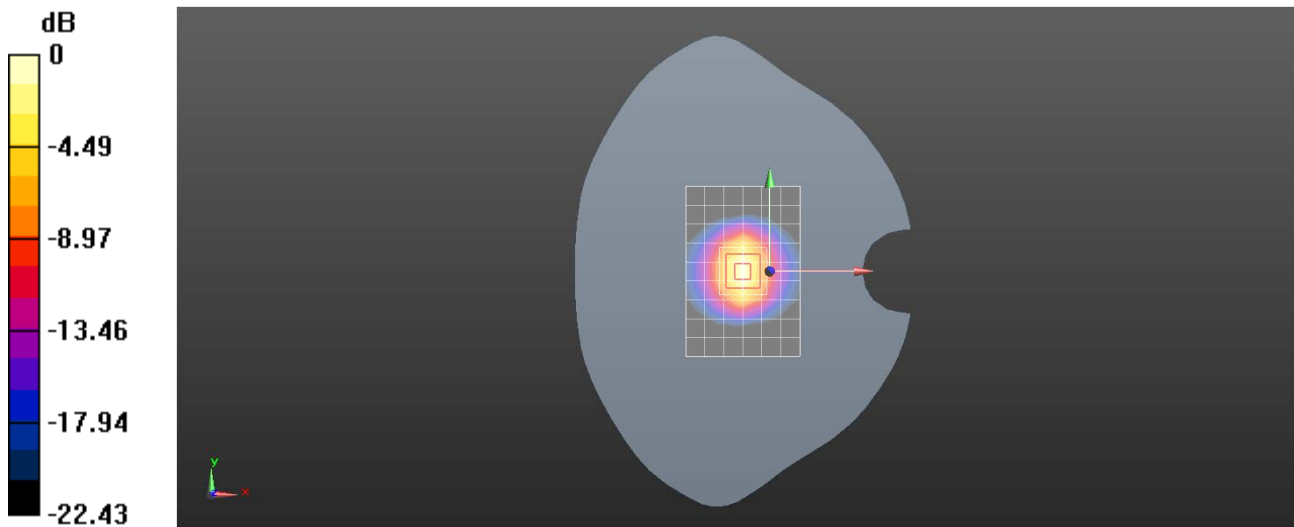
**Configuration/d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 94.16 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 29.8 W/kg

**SAR(1 g) = 14.4 W/kg; SAR(10 g) = 6.45 W/kg**

Maximum value of SAR (measured) = 24.3 W/kg



0 dB = 24.3 W/kg = 13.86 dBW/kg

Test Laboratory: SGS-SAR Lab

**System Performance Check 2600MHz Head****DUT: D2600V2; Type: Dipole; Serial: 1125**

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1

Medium: HSL2600; Medium parameters used:  $f = 2600$  MHz;  $\sigma = 1.945$  S/m;  $\epsilon_r = 39.821$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.76, 6.76, 6.76); Calibrated: 2023-11-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2024-03-18
- Phantom: SAM 3; Type: SAM Twin; Serial: 2031
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

**Configuration/d=10mm, Pin=250mW/Area Scan (6x9x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 23.7 W/kg

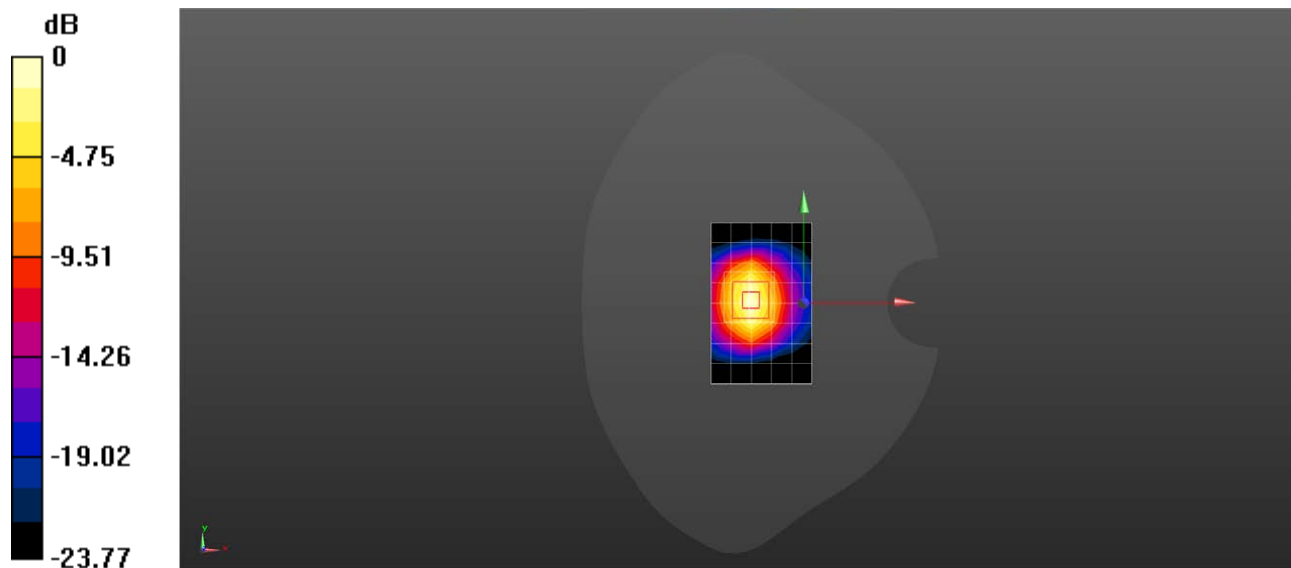
**Configuration/d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 78.40 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 29.8 W/kg

**SAR(1 g) = 14.2 W/kg; SAR(10 g) = 6.41 W/kg**

Maximum value of SAR (measured) = 23.8 W/kg



0 dB = 23.8 W/kg = 13.77 dBW/kg

Test Laboratory: SGS-SAR Lab

**System Performance Check 5.25GHz Head****DUT: D5GHzV2; Type: Dipole; Serial: 1042**

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

Medium: HSL5G;Medium parameters used:  $f = 5250$  MHz;  $\sigma = 4.677$  S/m;  $\epsilon_r = 37.286$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(5.27, 5.27, 5.27); Calibrated: 2023/8/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2024/1/3
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/d=10mm, Pin=100mW, f=5250 MHz/Area Scan (8x10x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 13.0 W/kg

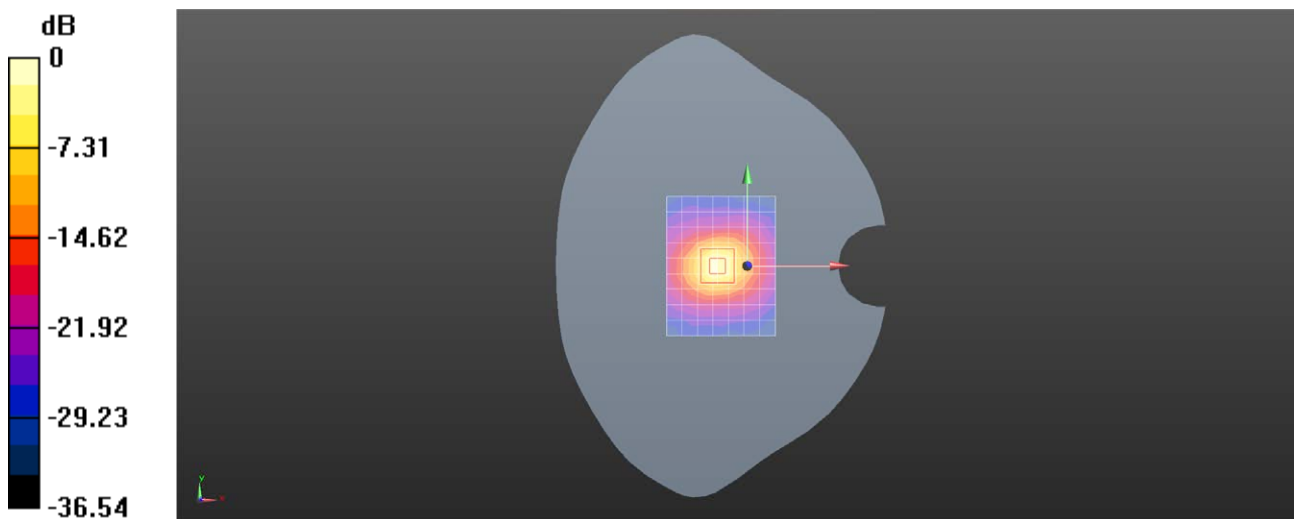
**Configuration/d=10mm, Pin=100mW, f=5250 MHz/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 68.35 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 31.4 W/kg

**SAR(1 g) = 7.59 W/kg; SAR(10 g) = 2.16 W/kg**

Maximum value of SAR (measured) = 19.8 W/kg



0 dB = 19.8 W/kg = 12.97 dBW/kg

Test Laboratory: SGS-SAR Lab

**System Performance Check 5.6GHz Head****DUT: D5GHzV2; Type: Dipole; Serial: 1042**

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

Medium: HSL5G; Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.01$  S/m;  $\epsilon_r = 36.886$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(4.71, 4.71, 4.71); Calibrated: 2023/8/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2024/1/3
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/d=10mm, Pin=100mW, f=5600 MHz/Area Scan (7x9x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 19.1 W/kg

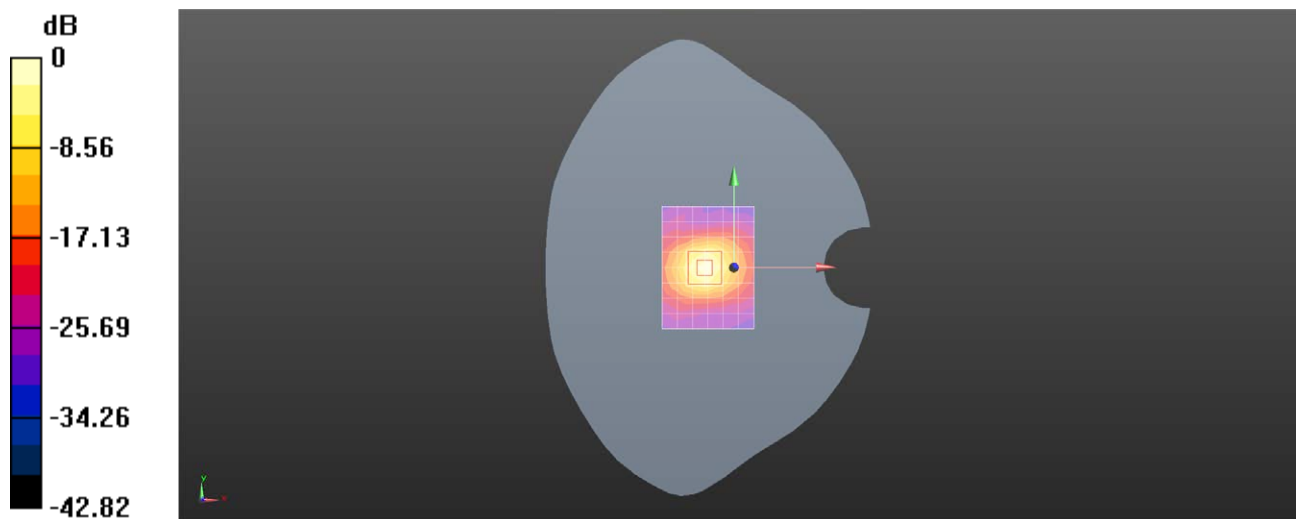
**Configuration/d=10mm, Pin=100mW, f=5600 MHz/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 67.74 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 32.4 W/kg

**SAR(1 g) = 7.57 W/kg; SAR(10 g) = 2.13 W/kg**

Maximum value of SAR (measured) = 20.2 W/kg



0 dB = 20.2 W/kg = 13.05 dBW/kg

Test Laboratory: SGS-SAR Lab

**System Performance Check 5.75GHz Head****DUT: D5GHzV2; Type: Dipole; Serial: 1165**

Communication System: UID 0, CW (0); Frequency: 5750 MHz;Duty Cycle: 1:1

Medium: HSL5G;Medium parameters used:  $f = 5750$  MHz;  $\sigma = 5.274$  S/m;  $\epsilon_r = 36.547$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(4.82, 4.82, 4.82); Calibrated: 2023/8/7
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2024/1/3
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/d=10mm, Pin=100mW, f=5750 MHz/Area Scan (8x10x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 15.3 W/kg

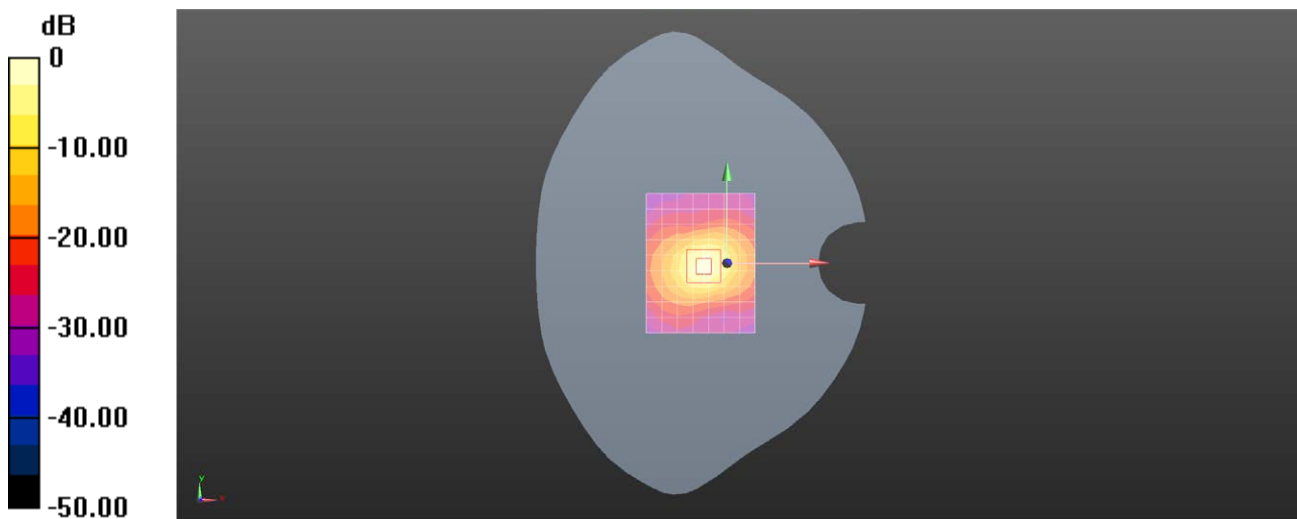
**Configuration/d=10mm, Pin=100mW, f=5750 MHz/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 63.98 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 30.8 W/kg

**SAR(1 g) = 7.52 W/kg; SAR(10 g) = 2.17 W/kg**

Maximum value of SAR (measured) = 19.3 W/kg



0 dB = 19.3 W/kg = 12.86 dBW/kg