

# Appendix A

## Detailed System Check Results

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Test Laboratory: SGS-SAR Lab

## System Performance Check 750MHz Head

**DUT: D750V3; Type: Dipole; Serial: 1160**

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

Medium: HSL; Medium parameters used:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.888 \text{ S/m}$ ;  $\epsilon_r = 40.699$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(9.04, 9.04, 9.04); Calibrated: 2025/1/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2025/1/20
- Phantom: SAM 1; Type: SAM; Serial: 1912
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Body/d=15mm, Pin=250mW/Area Scan (6x13x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 2.28 W/kg

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

Reference Value = 45.47 V/m; Power Drift = -0.06 dB

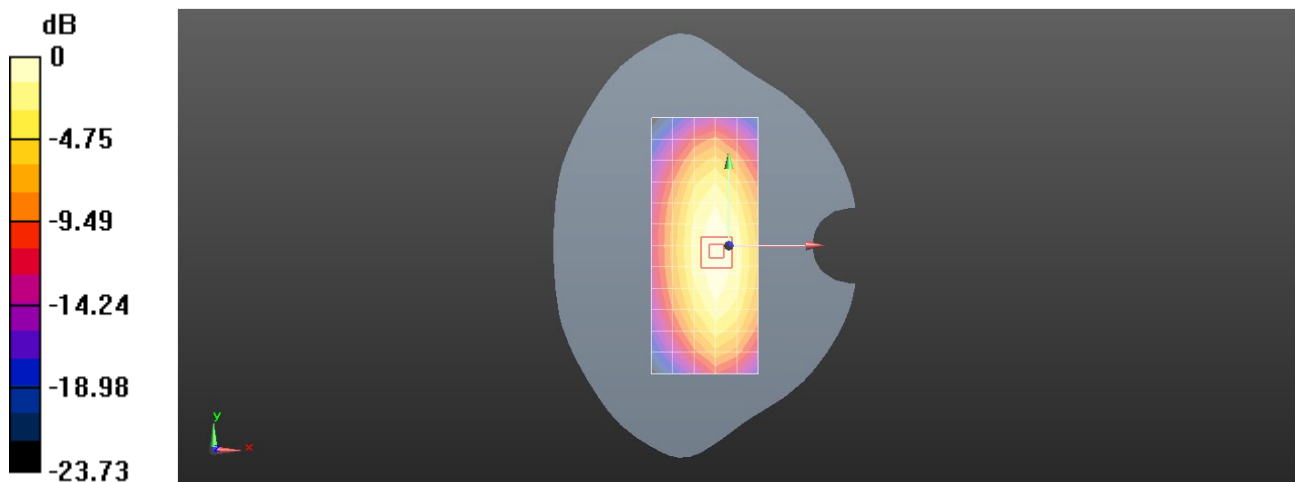
Peak SAR (extrapolated) = 2.98 W/kg

**SAR(1 g) = 1.99 W/kg; SAR(10 g) = 1.36 W/kg**

Smallest distance from peaks to all points 3 dB below = 20.5 mm

Ratio of SAR at M2 to SAR at M1 = 68.7%

Maximum value of SAR (measured) = 2.30 W/kg



0 dB = 2.28 W/kg = 3.57 dBW/kg

Test Laboratory: SGS-SAR Lab

## System Performance Check 835MHz Head

**DUT: D835V2; Type: Dipole; Serial: 4d105**

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

Medium: HSL; Medium parameters used:  $f = 835 \text{ MHz}$ ;  $\sigma = 0.936 \text{ S/m}$ ;  $\epsilon_r = 40.312$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.64, 8.64, 8.64); Calibrated: 2025/1/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2025/1/20
- Phantom: SAM 1; Type: SAM; Serial: 1912
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Body/d=15mm, Pin=250mW/Area Scan (6x13x1):** Measurement grid:  $dx=15\text{mm}$ ,  $dy=15\text{mm}$

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

**Body/d=15mm, Pin=250mW/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 42.91 V/m; Power Drift = -0.05 dB

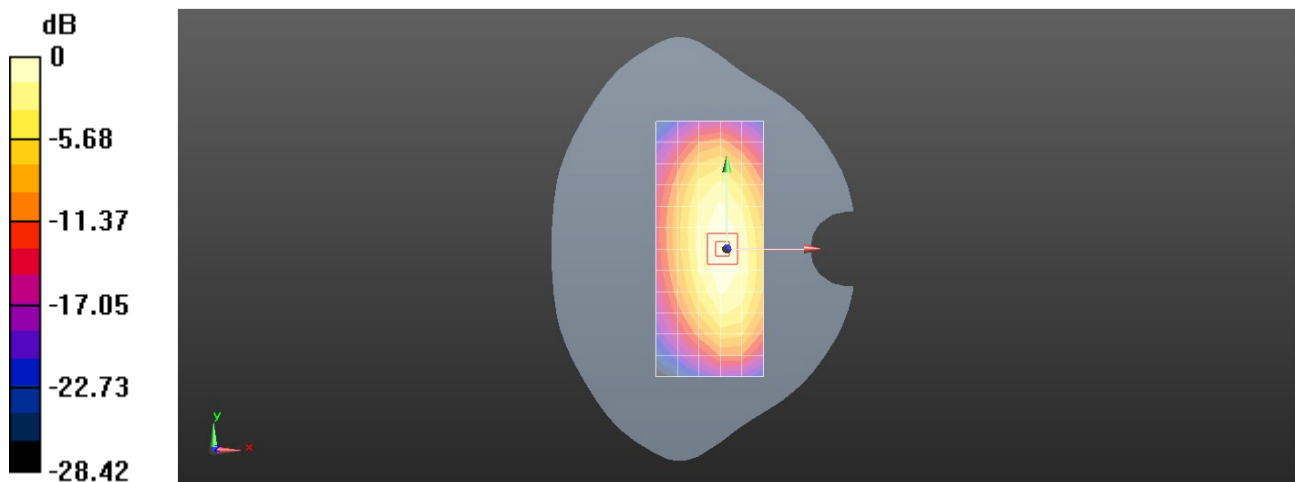
Peak SAR (extrapolated) = 3.42 W/kg

**SAR(1 g) = 2.49 W/kg; SAR(10 g) = 1.67 W/kg**

Smallest distance from peaks to all points 3 dB below = 17.2 mm

Ratio of SAR at M2 to SAR at M1 = 70.4%

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



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

Test Laboratory: SGS-SAR Lab

## System Performance Check 1750MHz Head

**DUT: D1750V2; Type: Dipole; Serial: 1149**

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

Medium: HSL; Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.376$  S/m;  $\epsilon_r = 40.729$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.71, 7.71, 7.71); Calibrated: 2025/1/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2025/1/20
- 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=15mm, dy=15mm

Maximum value of SAR (measured) = 9.66 W/kg

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

Reference Value = 66.94 V/m; Power Drift = -0.03 dB

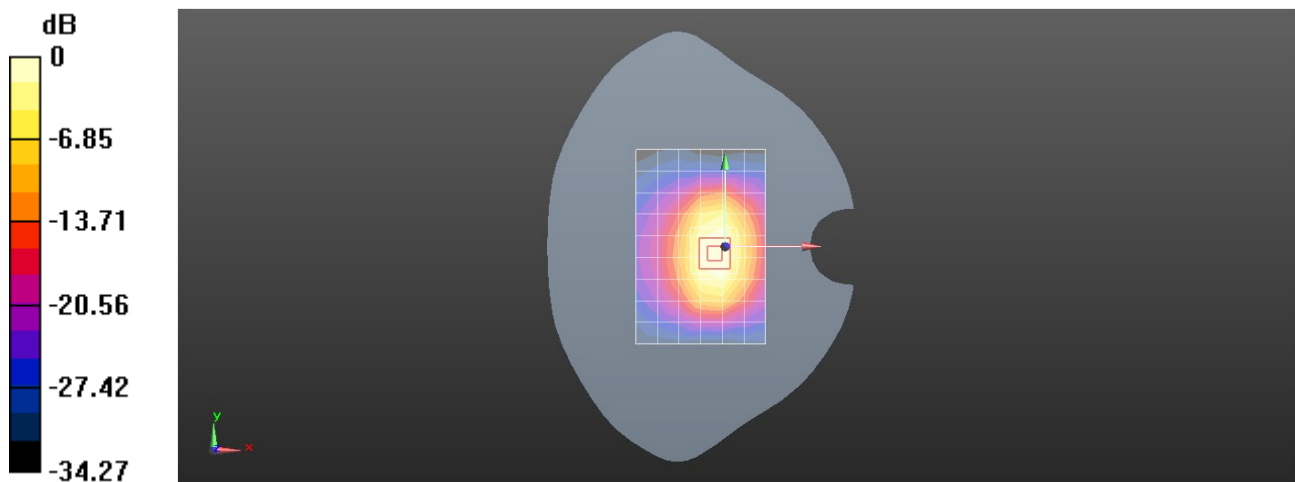
Peak SAR (extrapolated) = 14.9 W/kg

**SAR(1 g) = 8.96 W/kg; SAR(10 g) = 5.12 W/kg**

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

Ratio of SAR at M2 to SAR at M1 = 61.7%

Maximum value of SAR (measured) = 11.0 W/kg



0 dB = 9.66 W/kg = 9.85 dBW/kg

Test Laboratory: SGS-SAR Lab

## System Performance Check 1900MHz Head

**DUT: D1900V3; Type: Dipole; Serial: 5d028**

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

Medium: HSL; Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.442$  S/m;  $\epsilon_r = 40.744$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.38, 7.38, 7.38); Calibrated: 2025/1/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2025/1/20
- 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 (8x10x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 11.8 W/kg

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

Reference Value = 77.70 V/m; Power Drift = -0.05 dB

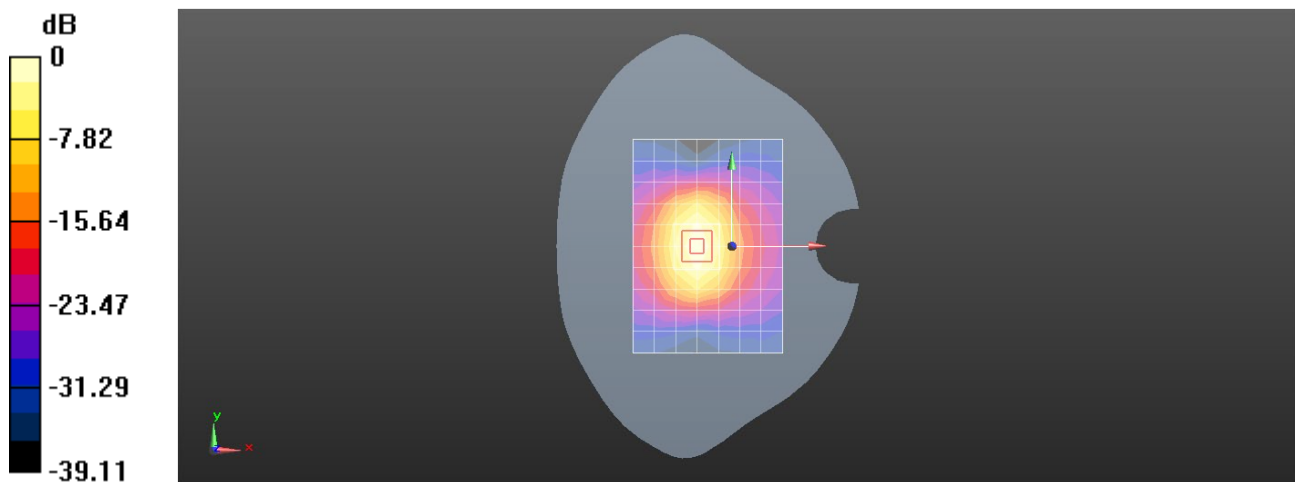
Peak SAR (extrapolated) = 19.4 W/kg

**SAR(1 g) = 9.23 W/kg; SAR(10 g) = 5.11 W/kg**

Smallest distance from peaks to all points 3 dB below = 12.2 mm

Ratio of SAR at M2 to SAR at M1 = 54.9%

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



0 dB = 11.8 W/kg = 10.72 dBW/kg

Test Laboratory: SGS-SAR Lab

## System Performance Check 1900MHz Head

**DUT: D1900V3; Type: Dipole; Serial: 5d028**

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

Medium: HSL; Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.440$  S/m;  $\epsilon_r = 40.724$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(7.38, 7.38, 7.38); Calibrated: 2025/1/15
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1267; Calibrated: 2025/1/20
- 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 (8x10x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 12.4 W/kg

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

Reference Value = 75.94 V/m; Power Drift = -0.08 dB

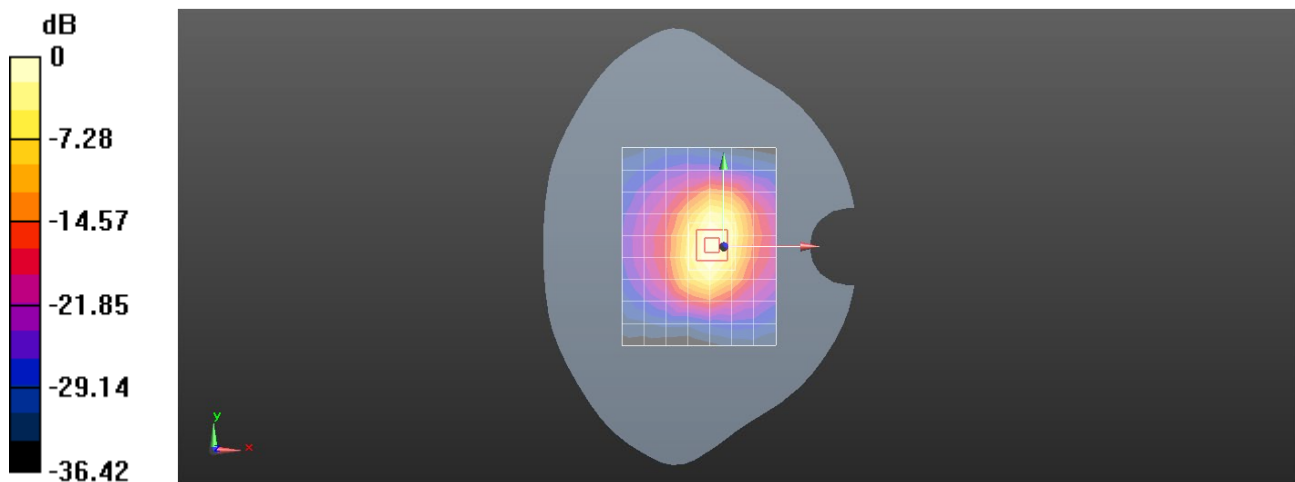
Peak SAR (extrapolated) = 15.7 W/kg

**SAR(1 g) = 9.22 W/kg; SAR(10 g) = 5.11 W/kg**

Smallest distance from peaks to all points 3 dB below = 10.7 mm

Ratio of SAR at M2 to SAR at M1 = 60.6%

Maximum value of SAR (measured) = 11.4 W/kg



0 dB = 12.4 W/kg = 10.93 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;  $\sigma = 1.811$  S/m;  $\epsilon_r = 38.589$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7636; ConvF(7.85, 7.85, 7.85); Calibrated: 2025/8/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2025/8/29
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/d=10mm, Pin=250mW/Area Scan (5x8x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 19.7 W/kg

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

Reference Value = 86.89 V/m; Power Drift = -0.04 dB

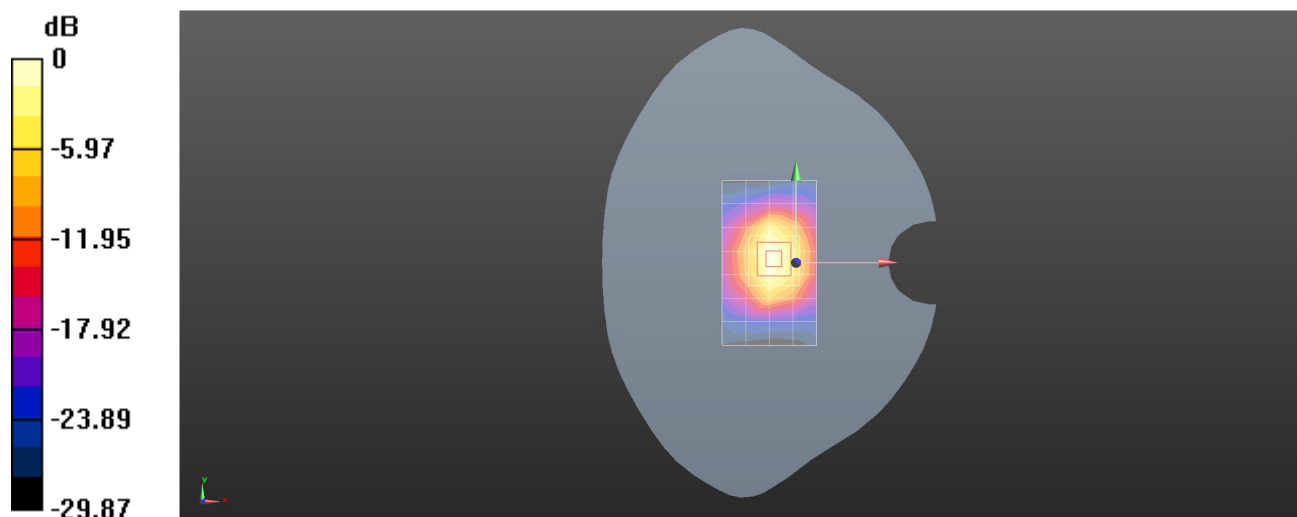
Peak SAR (extrapolated) = 27.9 W/kg

**SAR(1 g) = 13.1 W/kg; SAR(10 g) = 6.05 W/kg**

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 46.7%

Maximum value of SAR (measured) = 22.3 W/kg



0 dB = 19.7 W/kg = 12.94 dBW/kg

Test Laboratory: SGS-SAR Lab

## System Performance Check 3500MHz Head

**DUT: D3500V2; Type: Dipole; Serial: 1150**

Communication System: UID 0, CW (0); Frequency: 3500 MHz; Duty Cycle: 1:1

Medium: HSL3500; Medium parameters used:  $f = 3500$  MHz;  $\sigma = 2.966$  S/m;  $\epsilon_r = 38.373$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7636; ConvF(7.05, 7.05, 7.05); Calibrated: 2025/8/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2025/8/29
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/d=10mm, Pin=100mW/Area Scan (6x8x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 9.64 W/kg

**Configuration/d=10mm, Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 49.18 V/m; Power Drift = 0.07 dB

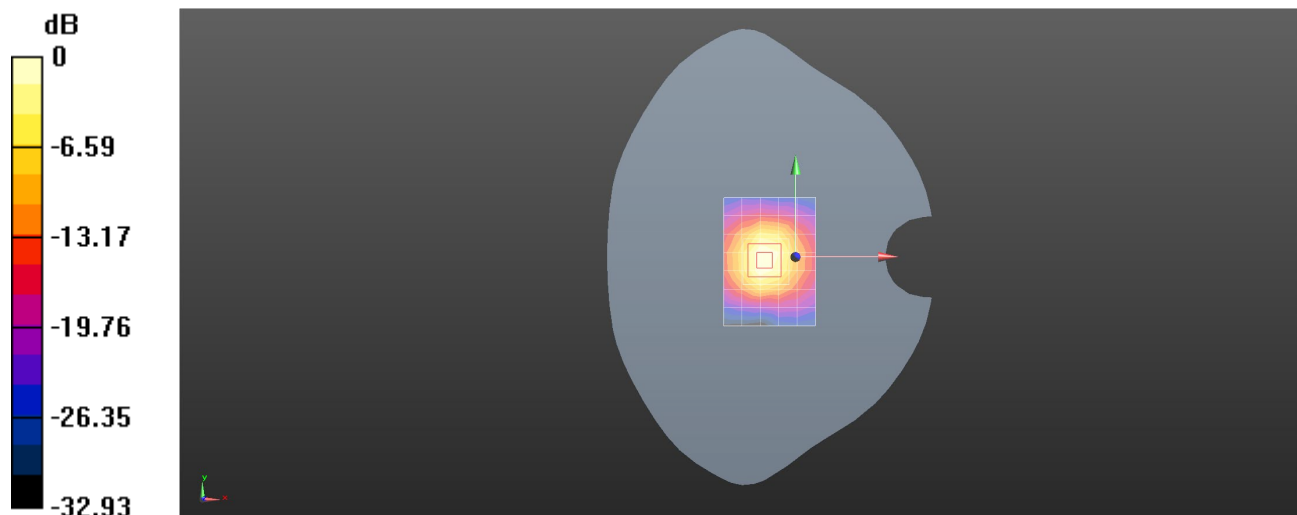
Peak SAR (extrapolated) = 16.6 W/kg

**SAR(1 g) = 6.81 W/kg; SAR(10 g) = 2.71 W/kg**

Smallest distance from peaks to all points 3 dB below = 8.1 mm

Ratio of SAR at M2 to SAR at M1 = 41.1%

Maximum value of SAR (measured) = 12.6 W/kg



0 dB = 9.64 W/kg = 9.84 dBW/kg

Test Laboratory: SGS-SAR Lab

## System Performance Check 3700MHz Head

**DUT: D3700V2; Type: Dipole; Serial: 1074**

Communication System: UID 0, CW (0); Frequency: 3700 MHz; Duty Cycle: 1:1

Medium: HSL3700; Medium parameters used:  $f = 3700$  MHz;  $\sigma = 3.066$  S/m;  $\epsilon_r = 37.366$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7636; ConvF(6.83, 6.83, 6.83); Calibrated: 2025/8/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2025/8/29
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/d=10mm, Pin=100mW/Area Scan (6x9x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 11.1 W/kg

**Configuration/d=10mm, Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 44.02 V/m; Power Drift = 0.04 dB

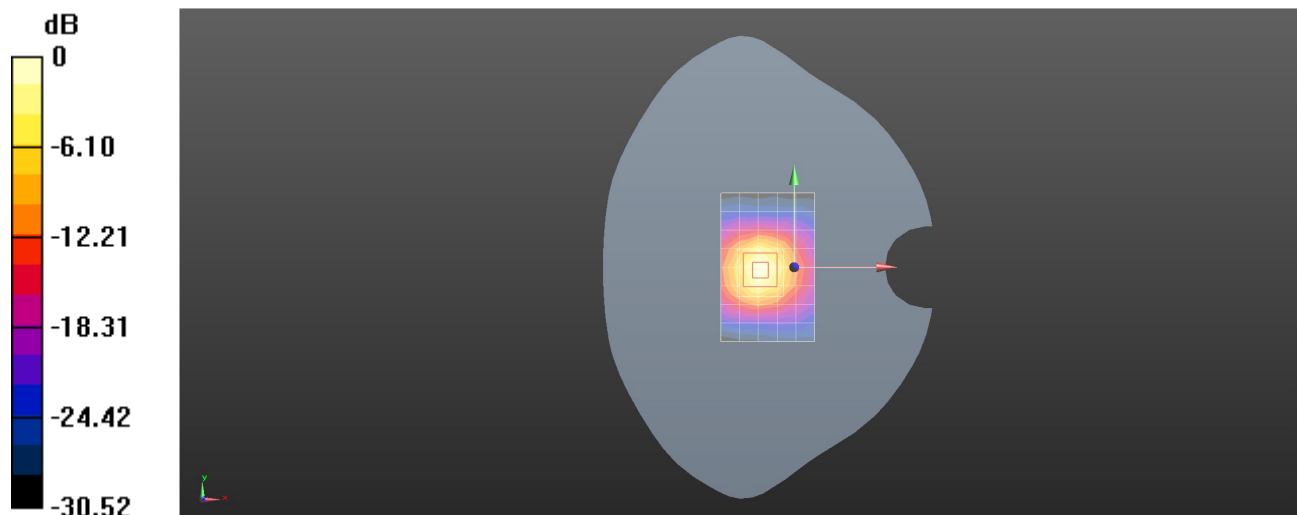
Peak SAR (extrapolated) = 15.1 W/kg

**SAR(1 g) = 6.38 W/kg; SAR(10 g) = 2.38 W/kg**

Smallest distance from peaks to all points 3 dB below = 9 mm

Ratio of SAR at M2 to SAR at M1 = 39.7%

Maximum value of SAR (measured) = 11.4 W/kg



0 dB = 11.1 W/kg = 10.44 dBW/kg

Test Laboratory: SGS-SAR Lab

## System Performance Check 3700MHz Head

**DUT: D3700V2; Type: Dipole; Serial: 1074**

Communication System: UID 0, CW (0); Frequency: 3700 MHz; Duty Cycle: 1:1

Medium: HSL3700; Medium parameters used:  $f = 3700$  MHz;  $\sigma = 3.064$  S/m;  $\epsilon_r = 37.353$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7636; ConvF(6.83, 6.83, 6.83); Calibrated: 2025/8/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2025/8/29
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/d=10mm, Pin=100mW/Area Scan (6x8x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 9.39 W/kg

**Configuration/d=10mm, Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 47.36 V/m; Power Drift = 0.06 dB

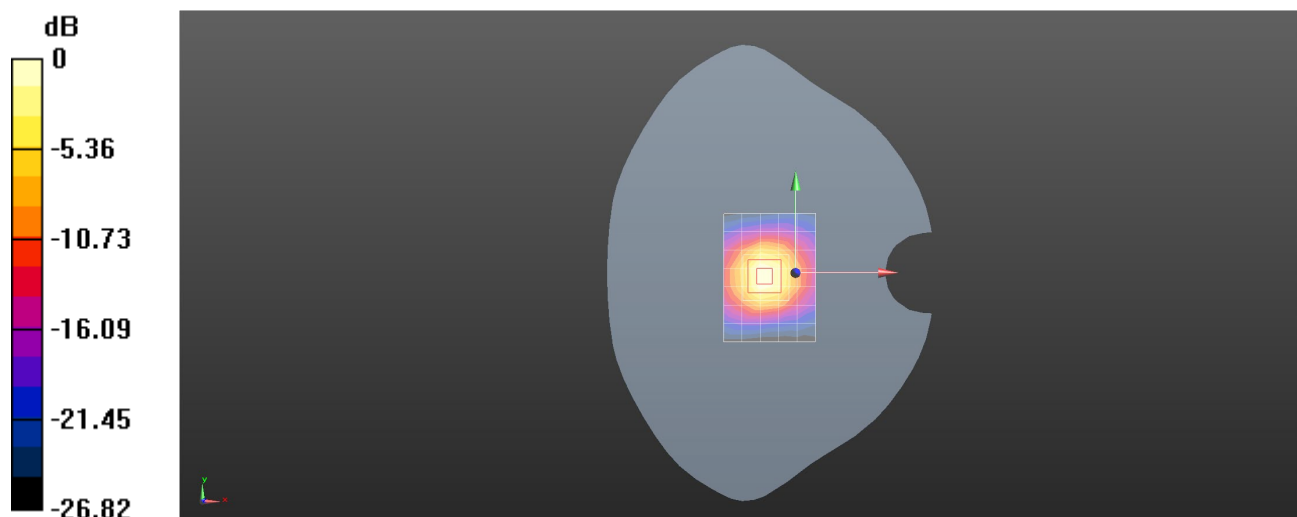
Peak SAR (extrapolated) = 15.3 W/kg

**SAR(1 g) = 6.52 W/kg; SAR(10 g) = 2.5 W/kg**

Smallest distance from peaks to all points 3 dB below = 9 mm

Ratio of SAR at M2 to SAR at M1 = 40.7%

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



0 dB = 9.39 W/kg = 9.73 dBW/kg

Test Laboratory: SGS-SAR Lab

**System Performance Check 3900MHz Head****DUT: D3900V2; Type: Dipole; Serial: 1045**

Communication System: UID 0, CW (0); Frequency: 3900 MHz; Duty Cycle: 1:1

Medium: HSL3900; Medium parameters used:  $f = 3900$  MHz;  $\sigma = 3.283$  S/m;  $\epsilon_r = 37.105$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7636; ConvF(6.72, 6.72, 6.72); Calibrated: 2025/8/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2025/8/29
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/d=10mm, Pin=100mW/Area Scan (6x9x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 10.9 W/kg

**Configuration/d=10mm, Pin=100mW/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 45.67 V/m; Power Drift = 0.12 dB

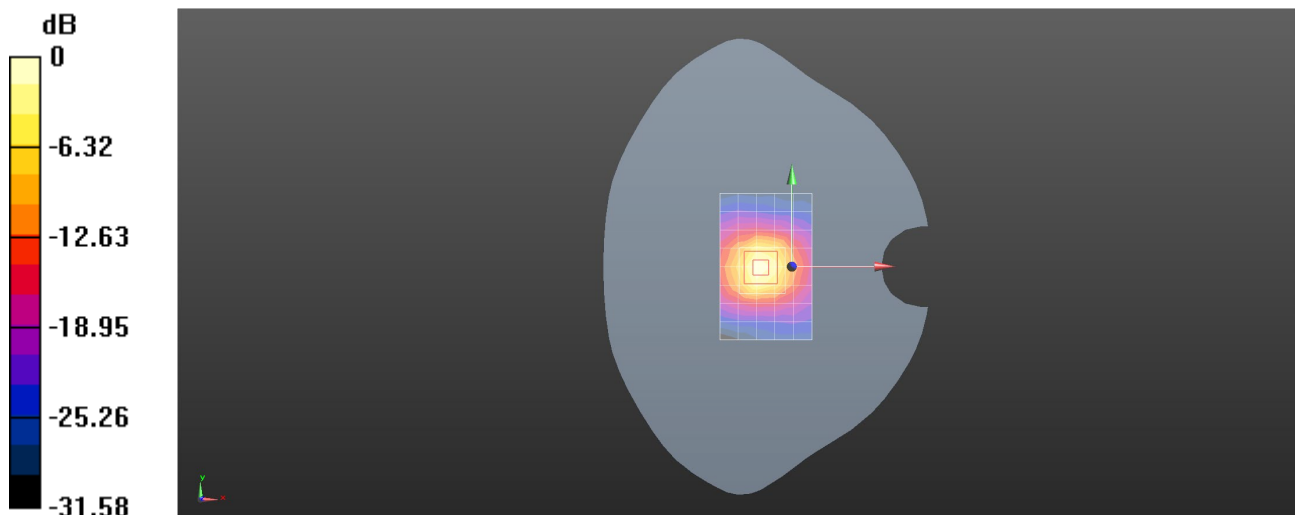
Peak SAR (extrapolated) = 16.7 W/kg

**SAR(1 g) = 7.12 W/kg; SAR(10 g) = 2.46 W/kg**

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 36.4%

Maximum value of SAR (measured) = 12.1 W/kg



0 dB = 10.9 W/kg = 10.36 dBW/kg

Test Laboratory: SGS-SAR Lab

## System Performance Check 5.25GHz Head

**DUT: D5GHzV2; Type: Dipole; Serial: 1165**

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

Medium: HSL5G; Medium parameters used:  $f = 5250$  MHz;  $\sigma = 4.729$  S/m;  $\epsilon_r = 36.912$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7636; ConvF(5.55, 5.55, 5.55); Calibrated: 2025/8/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2025/8/29
- 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) = 14.3 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 = 67.23 V/m; Power Drift = -0.06 dB

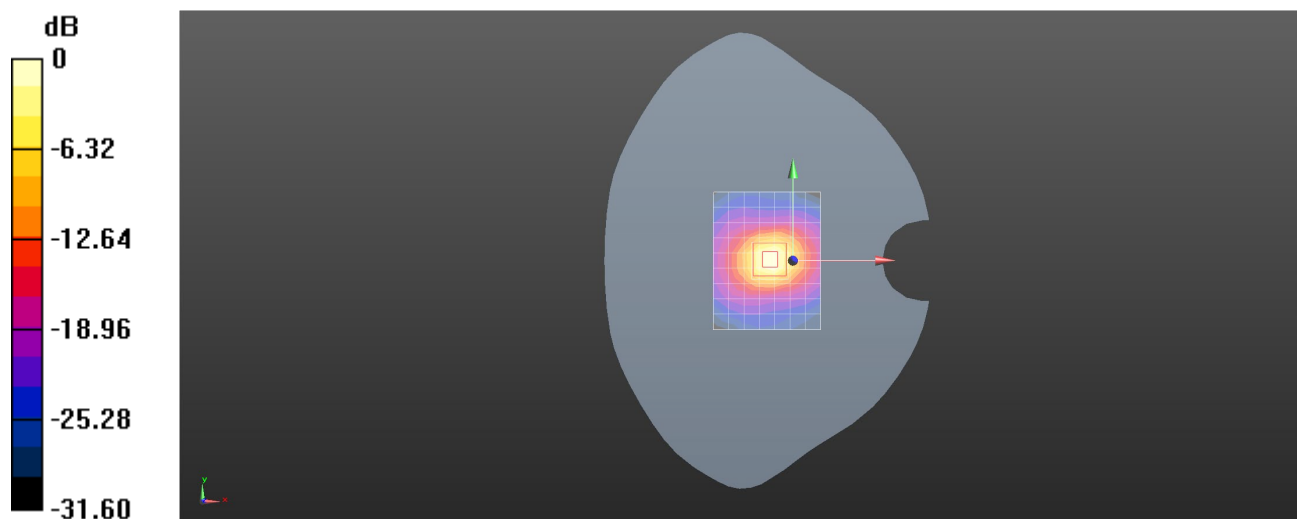
Peak SAR (extrapolated) = 29.4 W/kg

**SAR(1 g) = 7.86 W/kg; SAR(10 g) = 2.28 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 67%

Maximum value of SAR (measured) = 19.5 W/kg



0 dB = 14.3 W/kg = 11.56 dBW/kg

Test Laboratory: SGS-SAR Lab

## System Performance Check 5.6GHz Head

**DUT: D5GHzV2; Type: Dipole; Serial: 1165**

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

Medium: HSL5G; Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5.116$  S/m;  $\epsilon_r = 35.96$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7636; ConvF(4.95, 4.95, 4.95); Calibrated: 2025/8/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2025/8/29
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Body/d=10mm, Pin=100mW, f=5600 MHz/Area Scan (7x9x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 14.3 W/kg

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

Reference Value = 62.22 V/m; Power Drift = -0.08 dB

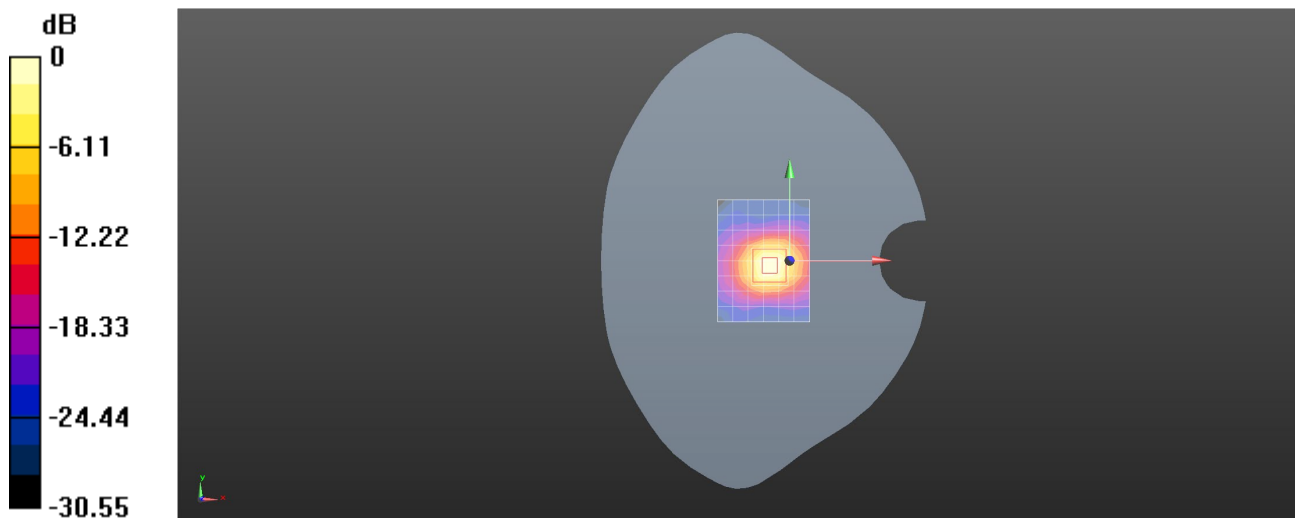
Peak SAR (extrapolated) = 32.9 W/kg

**SAR(1 g) = 8.28 W/kg; SAR(10 g) = 2.38 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 65.2%

Maximum value of SAR (measured) = 21.0 W/kg



0 dB = 14.3 W/kg = 11.57 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;  $\sigma = 5.287$  S/m;  $\epsilon_r = 35.596$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7636; ConvF(5.05, 5.05, 5.05); Calibrated: 2025/8/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2025/8/29
- 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) = 15.4 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 = 64.07 V/m; Power Drift = -0.02 dB

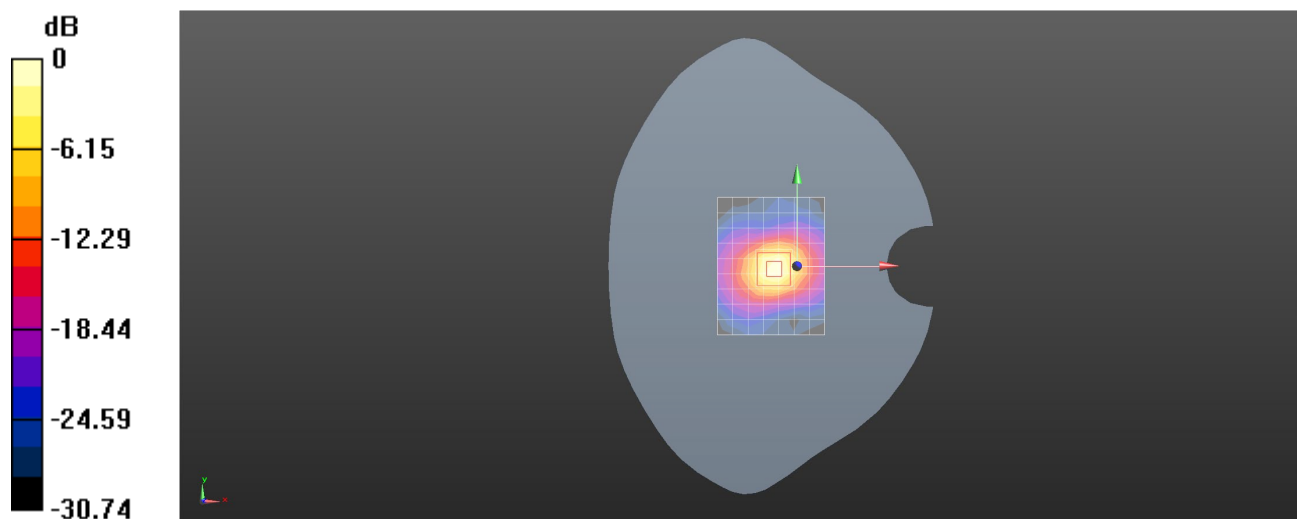
Peak SAR (extrapolated) = 31.0 W/kg

**SAR(1 g) = 7.56 W/kg; SAR(10 g) = 2.18 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.9 mm

Ratio of SAR at M2 to SAR at M1 = 63.8%

Maximum value of SAR (measured) = 19.4 W/kg



0 dB = 15.4 W/kg = 11.86 dBW/kg

Test Laboratory: SGS-SAR Lab

## System Performance Check 750MHz Head

**DUT: D750V3; Type: Dipole; Serial: 1160**

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

Medium: HSL; Medium parameters used:  $f = 750 \text{ MHz}$ ;  $\sigma = 0.898 \text{ S/m}$ ;  $\epsilon_r = 42.567$ ;  $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(9.9, 9.9, 9.9); Calibrated: 2025/10/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2025/8/29
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

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

Maximum value of SAR (measured) =  $2.66 \text{ W/kg}$

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

Reference Value =  $49.44 \text{ V/m}$ ; Power Drift =  $0.02 \text{ dB}$

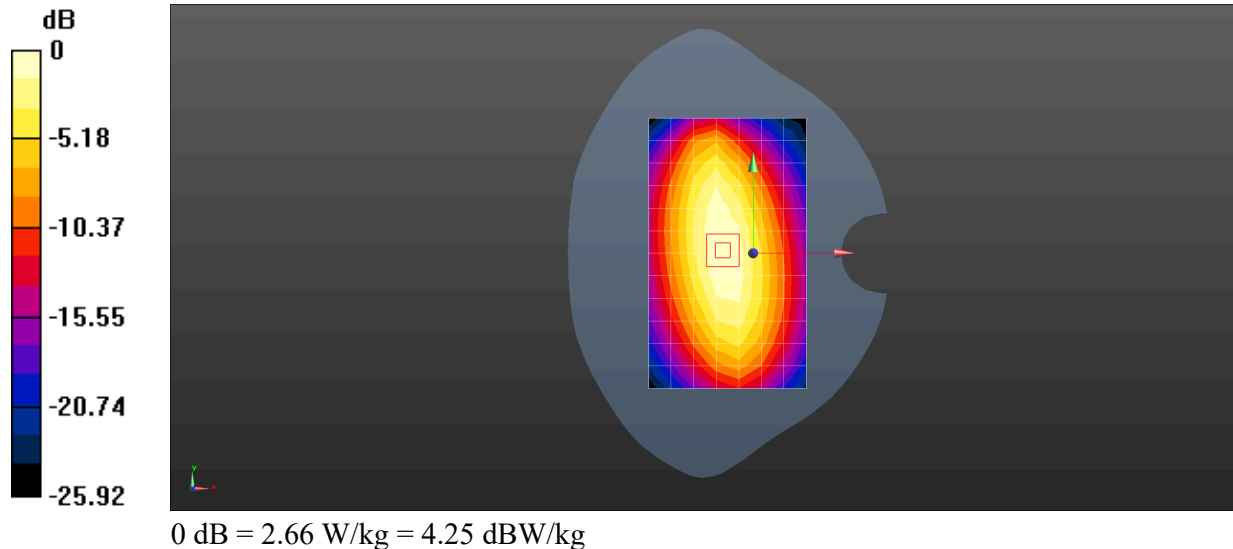
Peak SAR (extrapolated) =  $3.27 \text{ W/kg}$

**SAR(1 g) =  $2.09 \text{ W/kg}$ ; SAR(10 g) =  $1.38 \text{ W/kg}$**

Smallest distance from peaks to all points 3 dB below =  $17.9 \text{ mm}$

Ratio of SAR at M2 to SAR at M1 =  $64\%$

Maximum value of SAR (measured) =  $2.85 \text{ W/kg}$



Test Laboratory: SGS-SAR Lab

## System Performance Check 1750MHz Head

**DUT: D1750V2; Type: Dipole; Serial: 1149**

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

Medium: HSL; Medium parameters used:  $f = 1750$  MHz;  $\sigma = 1.359$  S/m;  $\epsilon_r = 40.529$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(8.12, 8.12, 8.12); Calibrated: 2025/10/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2025/8/29
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/d=10mm, Pin=250mW/Area Scan (7x9x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 14.9 W/kg

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

Reference Value = 87.99 V/m; Power Drift = -0.02 dB

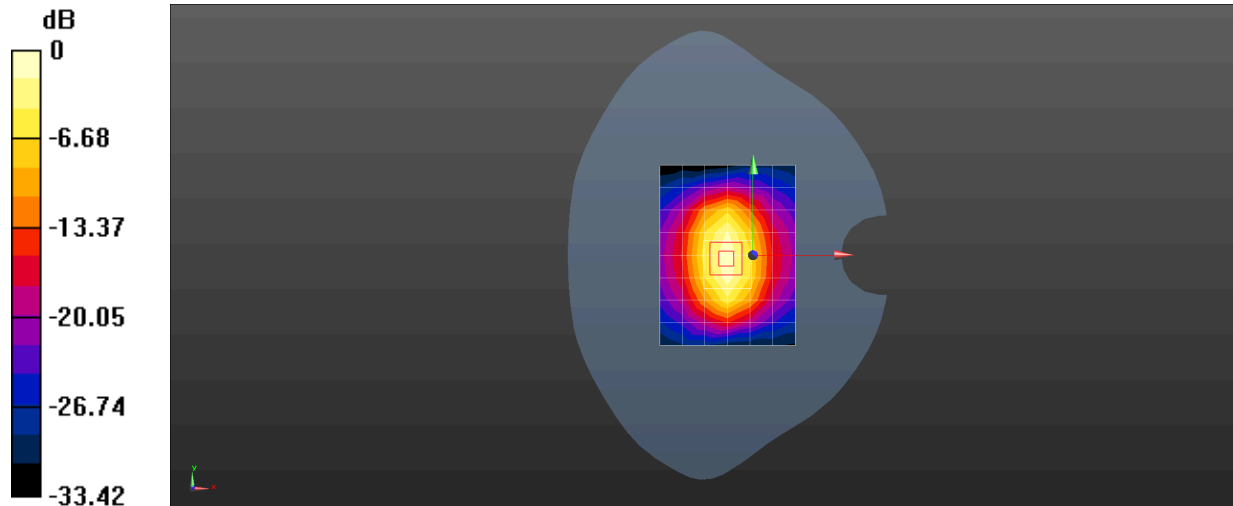
Peak SAR (extrapolated) = 17.9 W/kg

**SAR(1 g) = 9.5 W/kg; SAR(10 g) = 5 W/kg**

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

Ratio of SAR at M2 to SAR at M1 = 52.6%

Maximum value of SAR (measured) = 14.7 W/kg



0 dB = 14.9 W/kg = 11.72 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: HSL;Medium parameters used:  $f = 2600 \text{ MHz}$ ;  $\sigma = 1.978 \text{ S/m}$ ;  $\epsilon_r = 38.292$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(7.25, 7.25, 7.25); Calibrated: 2025/10/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2025/8/29
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/d=10mm, Pin=250mW/Area Scan (9x10x1): Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 19.2 W/kg

Configuration/d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm  
Reference Value = 83.43 V/m; Power Drift = 0.06 dB  
Peak SAR (extrapolated) = 30.4 W/kg  
SAR(1 g) = 13.5 W/kg; SAR(10 g) = 5.98 W/kg  
Smallest distance from peaks to all points 3 dB below = 9 mm  
Ratio of SAR at M2 to SAR at M1 = 44.5%  
Maximum value of SAR (measured) = 23.8 W/kg

