

Appendix A

Detailed System Check Results

1. System Performance Check

System Performance Check 13 MHz

System Performance Check 750 MHz

System Performance Check 835 MHz

System Performance Check 1800 MHz

System Performance Check 1950 MHz

System Performance Check 2300 MHz

System Performance Check 2450 MHz

System Performance Check 2600 MHz

System Performance Check 5250 MHz

System Performance Check 5600 MHz

System Performance Check 5750 MHz

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System Performance Check 13MHz

Communication System: Custom Band; Frequency: 13.000

Medium: HSL. Medium parameters used: $f = 13.000$ MHz; $\sigma = 0.795$ S/m; $\epsilon_r = 56.3$

DASY6 Configuration:

- Probe: EX3DV4 - SN7735; ConvF(13.68, 13.51, 13.73); Calibrated: 2025-01-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1740; Calibrated: 2025-02-17
- Phantom: ELI V4.0 (20deg probe tilt); Serial: 1123
- Measurement Software: cDASY6 V16.4.0.5005

Area Scan (120.0 mm x 210.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 0.132 W/kg; SAR (10g) = 0.079 W/kg;

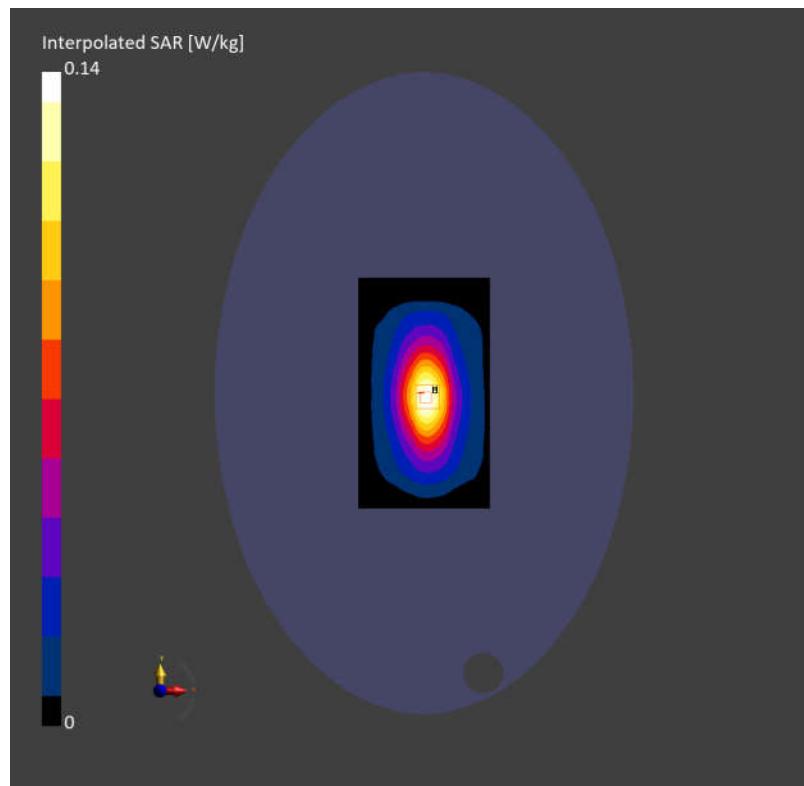
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.04 dB

SAR (1g) = 0.105 W/kg; SAR (10g) = 0.068 W/kg;

M2/M1 [%]	83.4
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Dist 3dB Peak [mm]	20.5
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Measurement Report for Device, , , CW, Channel 0 (750.000 MHz)

Communication System: ; Frequency: 750.000

Medium: HSL. Medium parameters used: $f = 750.000$ MHz; $\sigma = 0.872$ S/m; $\epsilon_r = 41.3$

DASY6 Configuration:

- Probe: EX3DV4 - SN7735; ConvF(8.46, 8.81, 8.65); Calibrated: 2025-01-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1740; Calibrated: 2025-02-17
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2031
- Measurement Software: cDASY6 V16.4.0.5005

Area Scan (40.0 mm x 90.0 mm): Measurement Grid: 10.0 mm x 15.0 mm

SAR (1g) = 2.11 W/kg; SAR (10g) = 1.41 W/kg;

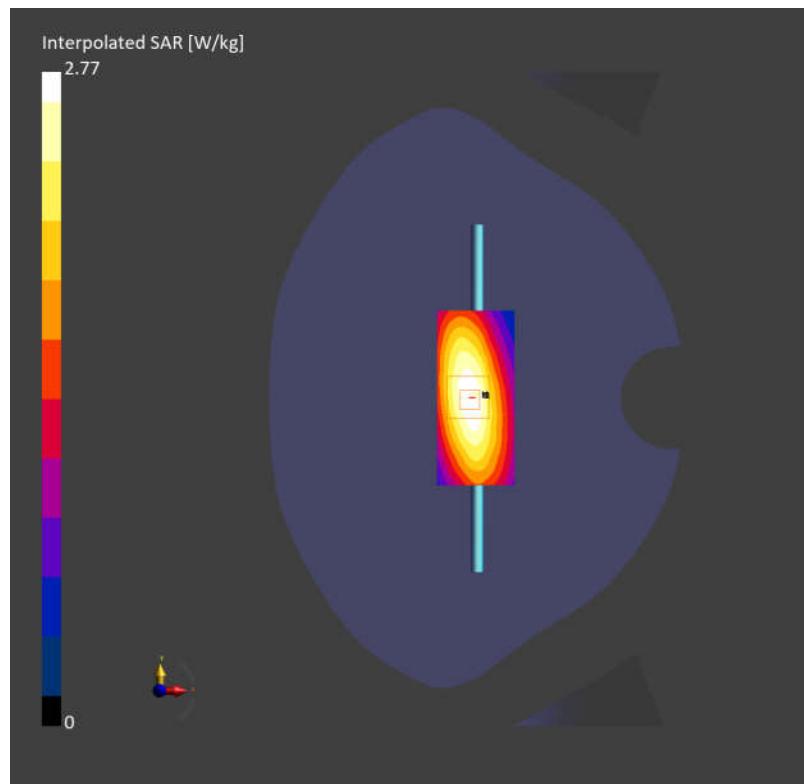
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.02 dB

SAR (1g) = 2.21 W/kg; SAR (10g) = 1.53 W/kg;

M2/M1 [%] 90.0

Dist 3dB Peak [mm] 16.8



Measurement Report for Device, , , CW, Channel 0 (835.000 MHz)

Communication System: ; Frequency: 835.000

Medium: HSL. Medium parameters used: $f = 835.000$ MHz; $\sigma = 0.889$ S/m; $\epsilon_r = 41.1$

DASY6 Configuration:

- Probe: EX3DV4 - SN7735; ConvF(8.27, 8.61, 8.46); Calibrated: 2025-01-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1740; Calibrated: 2025-02-17
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2031
- Measurement Software: cDASY6 V16.4.0.5005

Area Scan (40.0 mm x 90.0 mm): Measurement Grid: 10.0 mm x 15.0 mm

SAR (1g) = 2.22 W/kg; SAR (10g) = 1.48 W/kg;

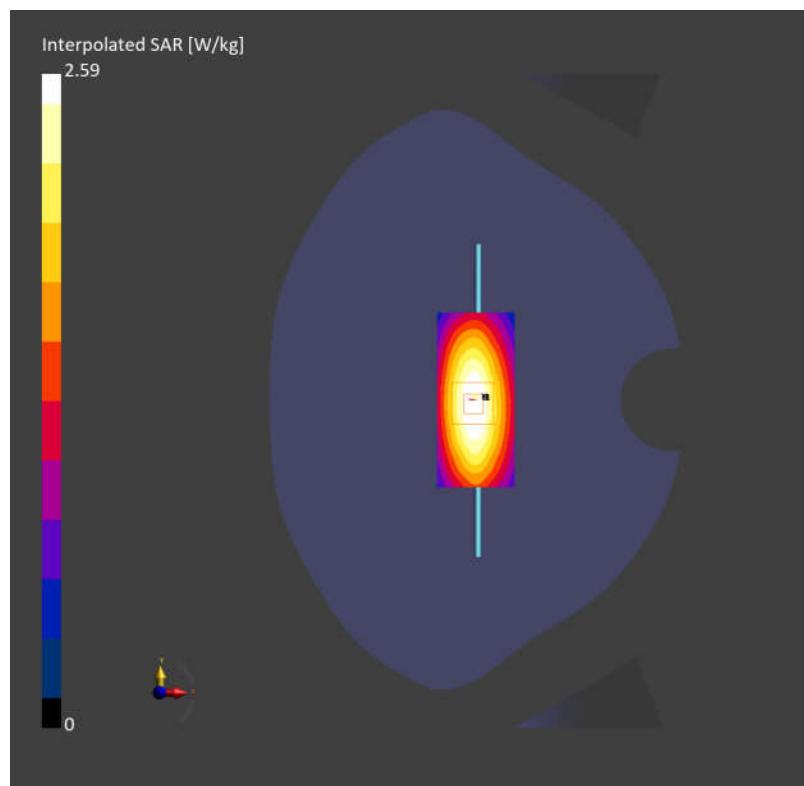
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = -0.09 dB

SAR (1g) = 2.29 W/kg; SAR (10g) = 1.52 W/kg;

M2/M1 [%] 88.1

Dist 3dB Peak [mm] 17.1



Measurement Report for Device, , , CW, Channel 0 (1800.000 MHz)

Communication System: ; Frequency: 1800.000

Medium: HSL. Medium parameters used: $f = 1800.000$ MHz; $\sigma = 1.36$ S/m; $\epsilon_r = 40.2$

DASY6 Configuration:

- Probe: EX3DV4 - SN7735; ConvF(7.63, 7.94, 7.8); Calibrated: 2025-01-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1740; Calibrated: 2025-02-17
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2031
- Measurement Software: cDASY6 V16.4.0.5005

Area Scan (40.0 mm x 90.0 mm): Measurement Grid: 10.0 mm x 15.0 mm

SAR (1g) = 8.19 W/kg; SAR (10g) = 4.40 W/kg;

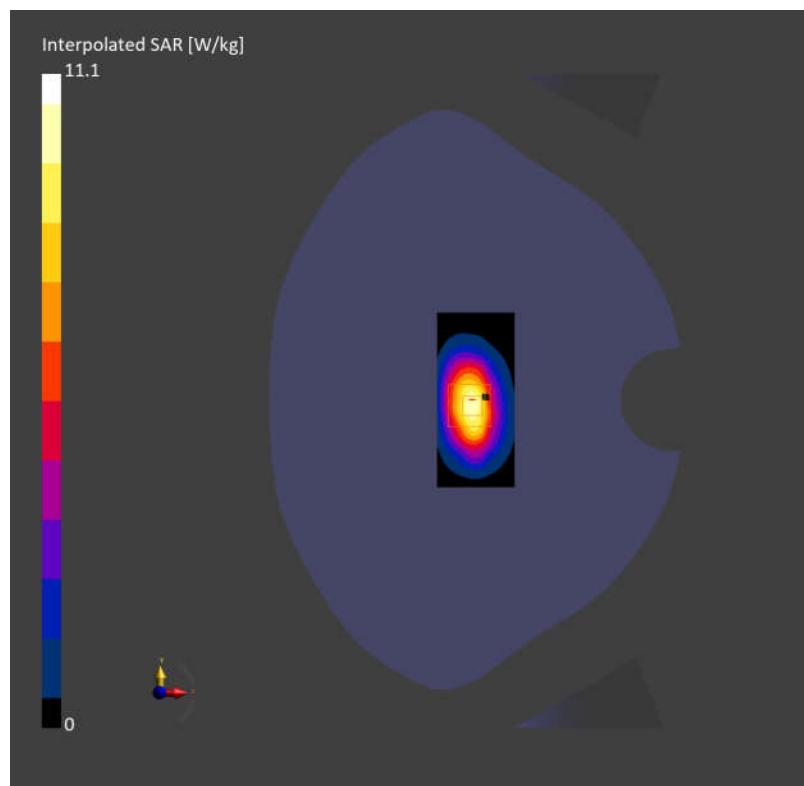
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.01 dB

SAR (1g) = 9.27 W/kg; SAR (10g) = 5.08 W/kg;

M2/M1 [%] 86.5

Dist 3dB Peak [mm] 9.6



Measurement Report for Device, , , CW, Channel 0 (1950.000 MHz)

Communication System: ; Frequency: 1950.000

Medium: HSL. Medium parameters used: $f = 1950.000$ MHz; $\sigma = 1.37$ S/m; $\epsilon_r = 39.8$

DASY6 Configuration:

- Probe: EX3DV4 - SN7735; ConvF(7.46, 7.77, 7.63); Calibrated: 2025-01-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1740; Calibrated: 2025-02-17
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2031
- Measurement Software: cDASY6 V16.4.0.5005

Area Scan (40.0 mm x 90.0 mm): Measurement Grid: 10.0 mm x 15.0 mm

SAR (1g) = 9.62 W/kg; SAR (10g) = 5.11 W/kg;

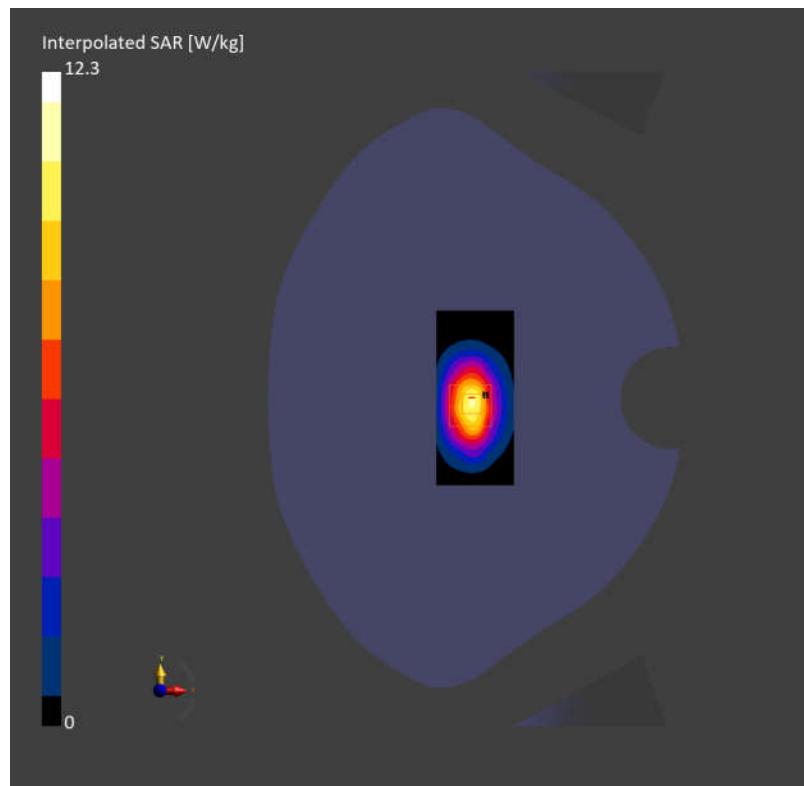
Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm

Power Drift = 0.03 dB

SAR (1g) = 9.97 W/kg; SAR (10g) = 5.29 W/kg;

M2/M1 [%] 86.7

Dist 3dB Peak [mm] 9.7



Measurement Report for Device, , , CW, Channel 0 (2300.000 MHz)

Communication System: ; Frequency: 2300.000

Medium: HSL. Medium parameters used: $f = 2300.000$ MHz; $\sigma = 1.63$ S/m; $\epsilon_r = 38.5$

DASY6 Configuration:

- Probe: EX3DV4 - SN7735; ConvF(7.05, 7.34, 7.21); Calibrated: 2025-01-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1740; Calibrated: 2025-02-17
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2031
- Measurement Software: cDASY6 V16.4.0.5005

Area Scan (40.0 mm x 96.0 mm): Measurement Grid: 10.0 mm x 12.0 mm

SAR (1g) = 12.1 W/kg; SAR (10g) = 5.62 W/kg;

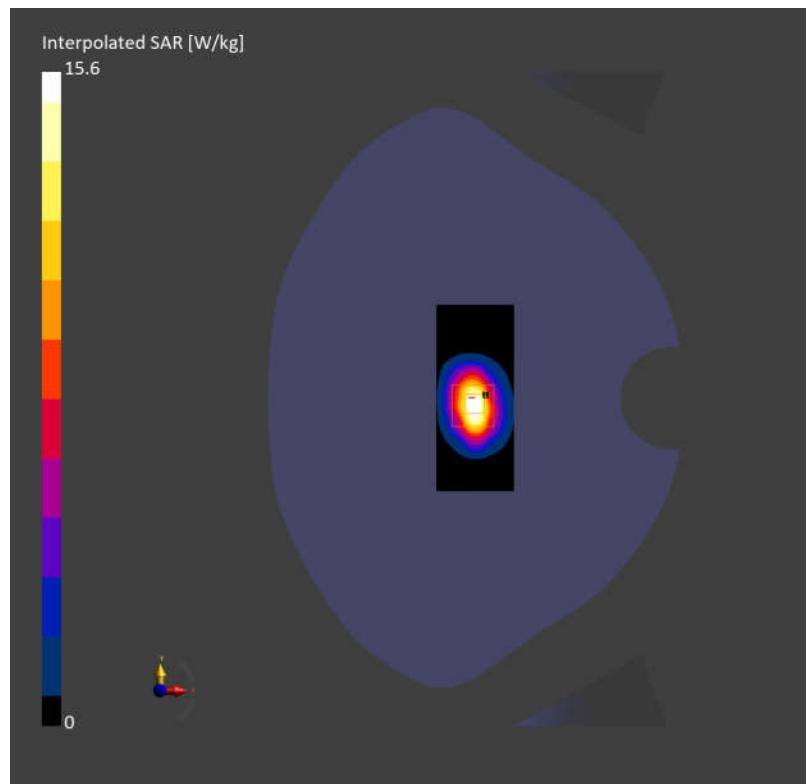
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = -0.17 dB

SAR (1g) = 12.1 W/kg; SAR (10g) = 5.76 W/kg;

M2/M1 [%] 83.0

Dist 3dB Peak [mm] 8.0



Measurement Report for Device, , , CW, Channel 0 (2450.000 MHz)

Communication System: ; Frequency: 2450.000

Medium: HSL. Medium parameters used: $f = 2450.000$ MHz; $\sigma = 1.84$ S/m; $\epsilon_r = 39.3$

DASY6 Configuration:

- Probe: EX3DV4 - SN7735; ConvF(6.91, 7.19, 7.06); Calibrated: 2025-01-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1740; Calibrated: 2025-02-17
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2031
- Measurement Software: cDASY6 V16.4.0.5005

Area Scan (40.0 mm x 96.0 mm): Measurement Grid: 10.0 mm x 12.0 mm

SAR (1g) = 12.5 W/kg; SAR (10g) = 5.82 W/kg;

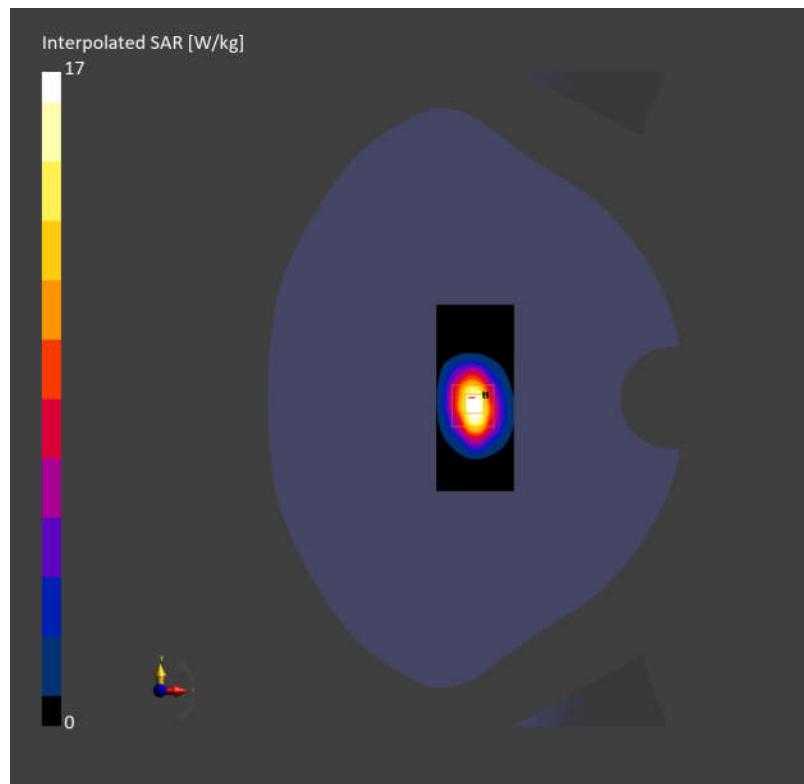
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = -0.17 dB

SAR (1g) = 13.2 W/kg; SAR (10g) = 6.28 W/kg;

M2/M1 [%] 82.8

Dist 3dB Peak [mm] 8.0



Measurement Report for Device, , , CW, Channel 0 (2600.000 MHz)

Communication System: ; Frequency: 2600.000

Medium: HSL. Medium parameters used: $f = 2600.000$ MHz; $\sigma = 2.01$ S/m; $\epsilon_r = 38.8$

DASY6 Configuration:

- Probe: EX3DV4 - SN7735; ConvF(6.78, 7.05, 6.93); Calibrated: 2025-01-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1740; Calibrated: 2025-02-17
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2031
- Measurement Software: cDASY6 V16.4.0.5005

Area Scan (40.0 mm x 96.0 mm): Measurement Grid: 10.0 mm x 12.0 mm

SAR (1g) = 12.6 W/kg; SAR (10g) = 5.86 W/kg;

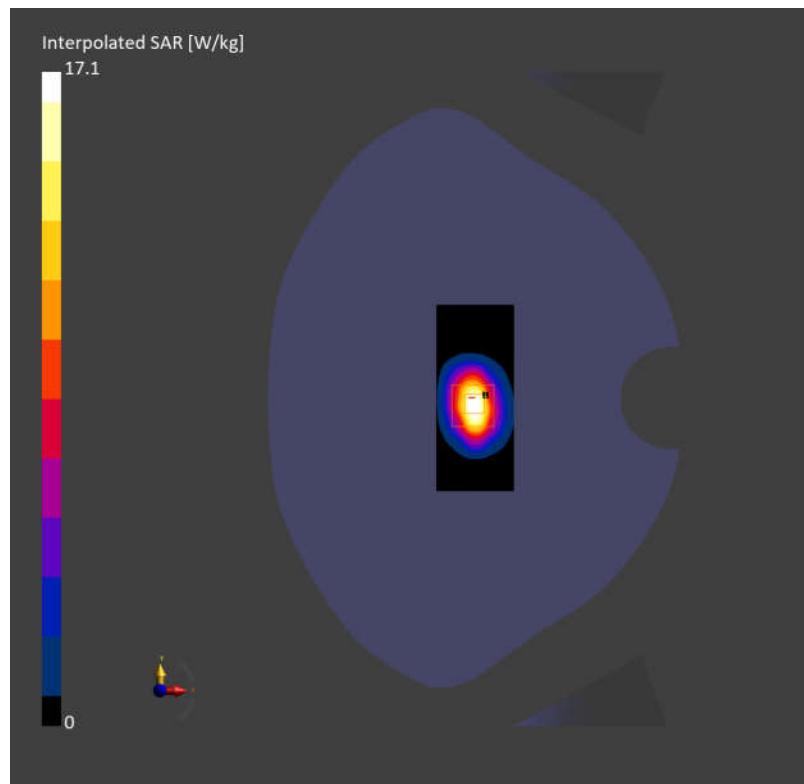
Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.5 mm

Power Drift = -0.14 dB

SAR (1g) = 13.3 W/kg; SAR (10g) = 6.12 W/kg;

M2/M1 [%] 82.7

Dist 3dB Peak [mm] 8.6



Measurement Report for Device, , , CW, Channel 0 (5250.000 MHz)

Communication System: ; Frequency: 5250.000

Medium: HSL. Medium parameters used: $f = 5250.000$ MHz; $\sigma = 4.76$ S/m; $\epsilon_r = 36.7$

DASY6 Configuration:

- Probe: EX3DV4 - SN7735; ConvF(5.57, 5.79, 5.69); Calibrated: 2025-01-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1740; Calibrated: 2025-02-17
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2031
- Measurement Software: cDASY6 V16.4.0.5005

Area Scan (40.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 6.58 W/kg; SAR (10g) = 1.98 W/kg;

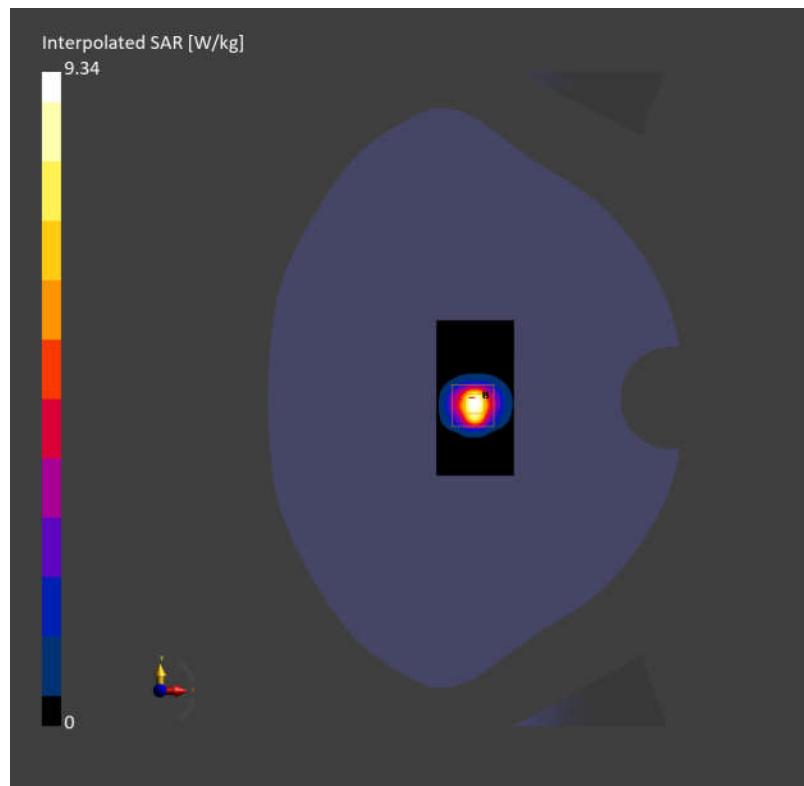
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.09 dB

SAR (1g) = 7.36 W/kg; SAR (10g) = 2.18 W/kg;

M2/M1 [%] 68.3

Dist 3dB Peak [mm] 6.5



Measurement Report for Device, , , CW, Channel 0 (5600.000 MHz)

Communication System: ; Frequency: 5600.000

Medium: HSL. Medium parameters used: $f = 5600.000$ MHz; $\sigma = 5.06$ S/m; $\epsilon_r = 35.8$

DASY6 Configuration:

- Probe: EX3DV4 - SN7735; ConvF(5.14, 5.35, 5.25); Calibrated: 2025-01-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1740; Calibrated: 2025-02-17
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2031
- Measurement Software: cDASY6 V16.4.0.5005

Area Scan (40.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 7.31 W/kg; SAR (10g) = 2.18 W/kg;

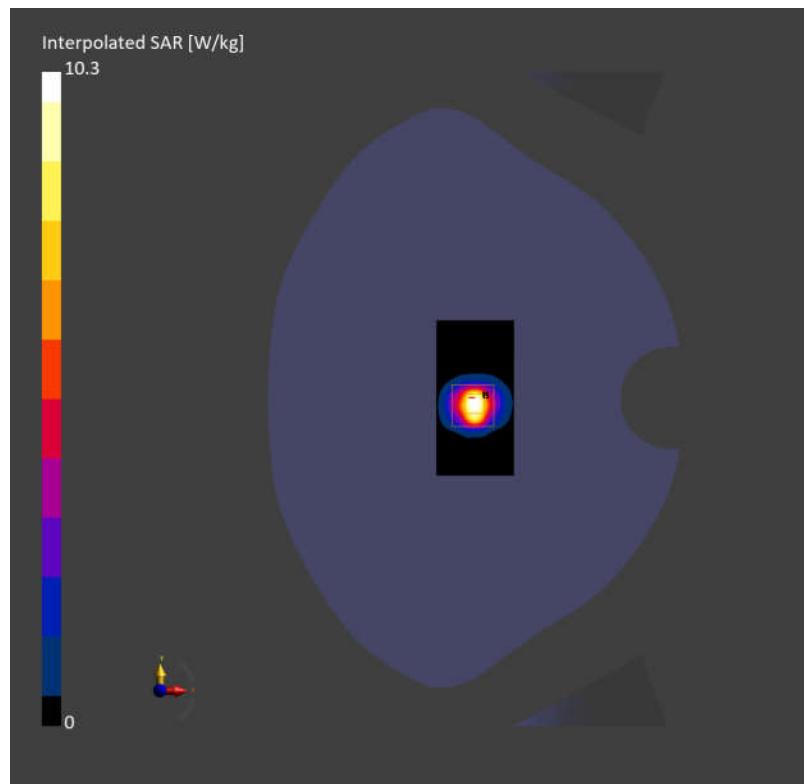
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.02 dB

SAR (1g) = 8.14 W/kg; SAR (10g) = 2.35 W/kg;

M2/M1 [%] 65.1

Dist 3dB Peak [mm] 6.5



Measurement Report for Device, , , CW, Channel 0 (5750.000 MHz)

Communication System: ; Frequency: 5750.000

Medium: HSL. Medium parameters used: $f = 5750.000$ MHz; $\sigma = 5.18$ S/m; $\epsilon_r = 35.3$

DASY6 Configuration:

- Probe: EX3DV4 - SN7735; ConvF(5.07, 5.28, 5.19); Calibrated: 2025-01-29
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1740; Calibrated: 2025-02-17
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2031
- Measurement Software: cDASY6 V16.4.0.5005

Area Scan (40.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 7.07 W/kg; SAR (10g) = 2.12 W/kg;

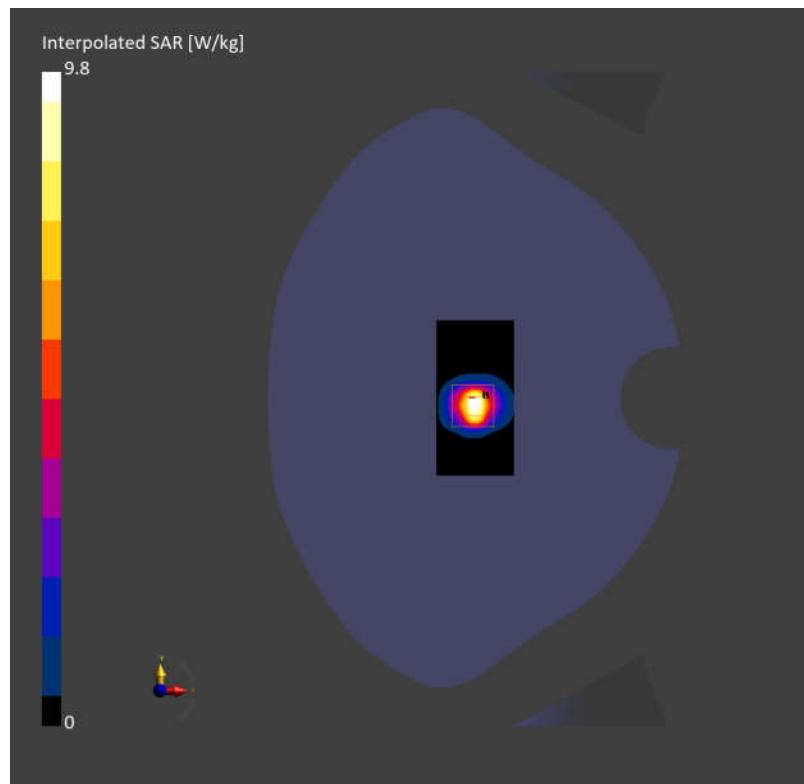
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 1.4 mm

Power Drift = 0.02 dB

SAR (1g) = 7.88 W/kg; SAR (10g) = 2.25 W/kg;

M2/M1 [%] 63.5

Dist 3dB Peak [mm] 6.5



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- End of the Appendix -

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