



SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

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Appendix A

Detailed System Check Results

1. System Performance Check
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Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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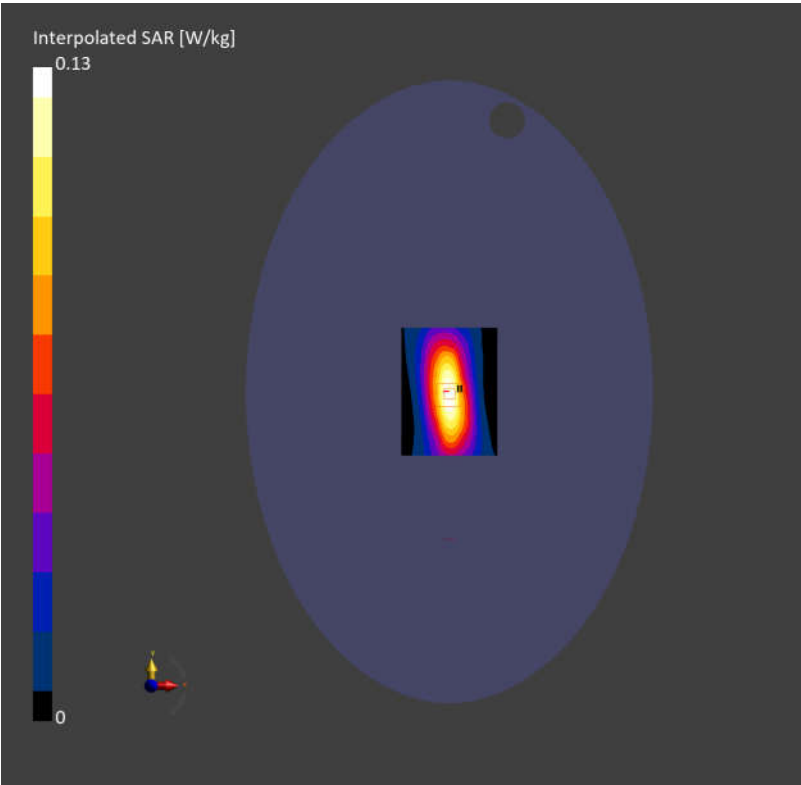
System Performance Check 13MHz

Communication System: Custom Band; Frequency: 13.000
Medium: HSL. Medium parameters used: $f=13.000\text{ MHz}$; $\sigma=0.747\text{ S/m}$; $\epsilon_r=55.7$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7735; ConvF(13.68, 13.51, 13.73); Calibrated: 2025-01-29
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1826; Calibrated: 2025-02-17
 - Phantom: ELI V8.0 (20deg probe tilt); Serial: 2217
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (80.0 mm x 100.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 0.121 W/kg; SAR (10g) = 0.096 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm
Power Drift = 0.08 dB
SAR (1g) = 0.101 W/kg; SAR (10g) = 0.065 W/kg;
M2/M1 [%] 69.3
Dist 3dB Peak [mm] 18.0



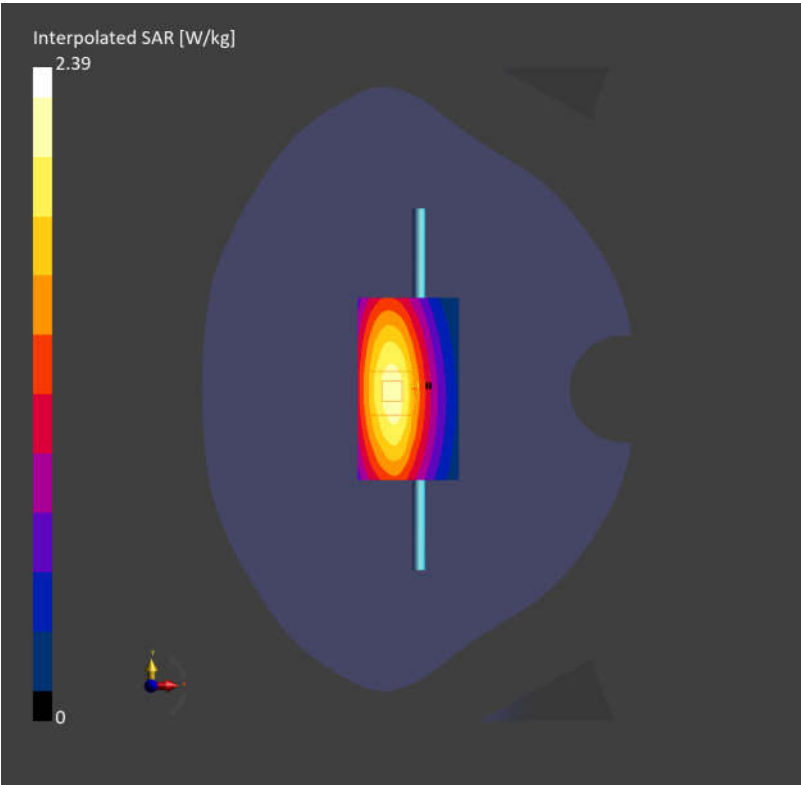
Measurement Report for Device, , , CW, Channel 0 (750.000 MHz)

Communication System: ; Frequency: 750.000
Medium: HSL. Medium parameters used: $f=750.000$ MHz; $\sigma=0.876$ S/m; $\epsilon_r=41.5$

- DASY8 Configuration:
- Probe: EX3DV4 - SN3801; ConvF(9.27, 9.27, 9.27); Calibrated: 2024-06-20
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1826; Calibrated: 2025-02-17
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2155
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (40.0 mm x 90.0 mm): Measurement Grid: 10.0 mm x 15.0 mm
SAR (1g) = 1.86 W/kg; SAR (10g) = 1.29 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm
Power Drift = -0.06 dB
SAR (1g) = 2.05 W/kg; SAR (10g) = 1.39 W/kg;
M2/M1 [%] 91.6
Dist 3dB Peak [mm] > 15.0



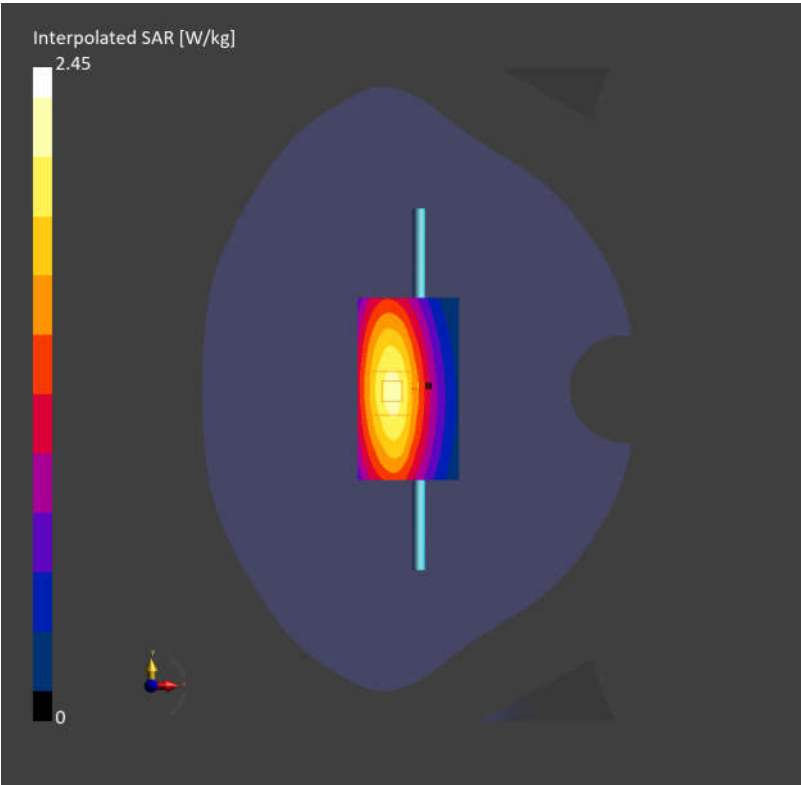
Measurement Report for Device, , , CW, Channel 0 (750.000 MHz)

Communication System: ; Frequency: 750.000
Medium: HSL. Medium parameters used: $f=750.000$ MHz; $\sigma=0.874$ S/m; $\epsilon_r=41.4$

- DASY8 Configuration:
- Probe: EX3DV4 - SN3801; ConvF(9.27, 9.27, 9.27); Calibrated: 2024-06-20
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1826; Calibrated: 2025-02-17
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2155
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (40.0 mm x 90.0 mm): Measurement Grid: 10.0 mm x 15.0 mm
SAR (1g) = 1.91 W/kg; SAR (10g) = 1.38 W/kg;

Zoom Scan (30.0 mm x 30.0 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) = 2.16 W/kg; SAR (10g) = 1.45 W/kg;
M2/M1 [%] 91.6
Dist 3dB Peak [mm] > 15.0



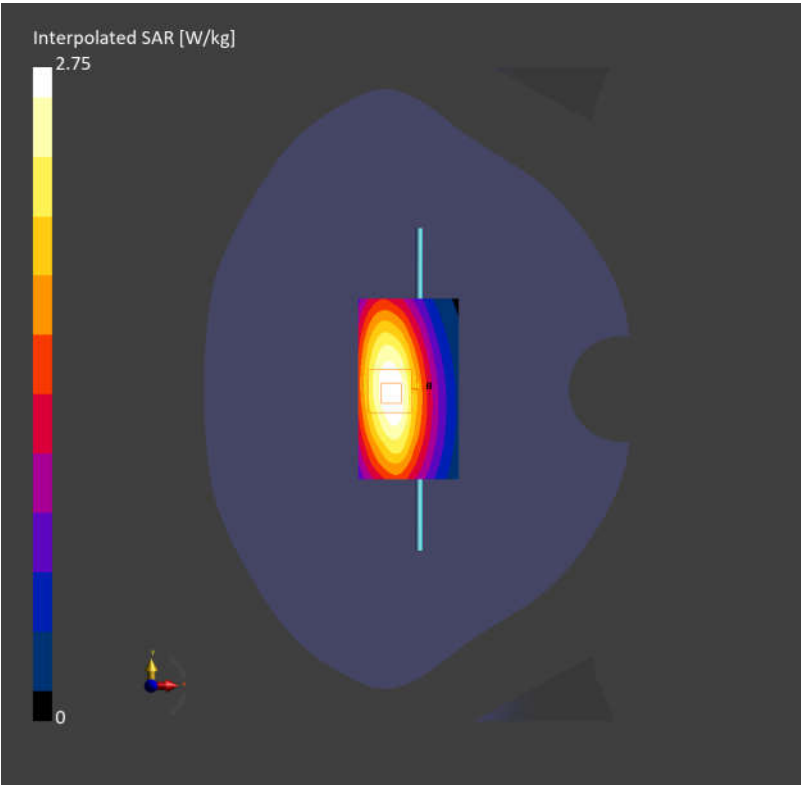
Measurement Report for Device, , , CW, Channel 0 (835.000 MHz)

Communication System: ; Frequency: 835.000
Medium: HSL. Medium parameters used: $f=835.000\text{ MHz}$; $\sigma=0.885\text{ S/m}$; $\epsilon_r=41.0$

- DASY8 Configuration:
- Probe: EX3DV4 - SN3801; ConvF(9.07, 9.07, 9.07); Calibrated: 2024-06-20
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1826; Calibrated: 2025-02-17
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2155
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (40.0 mm x 90.0 mm): Measurement Grid: 10.0 mm x 15.0 mm
SAR (1g) = 2.28 W/kg; SAR (10g) = 1.52 W/kg;

Zoom Scan (30.0 mm x 30.0 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) = 2.38 W/kg; SAR (10g) = 1.57 W/kg;
M2/M1 [%] 91.3
Dist 3dB Peak [mm] 19.0



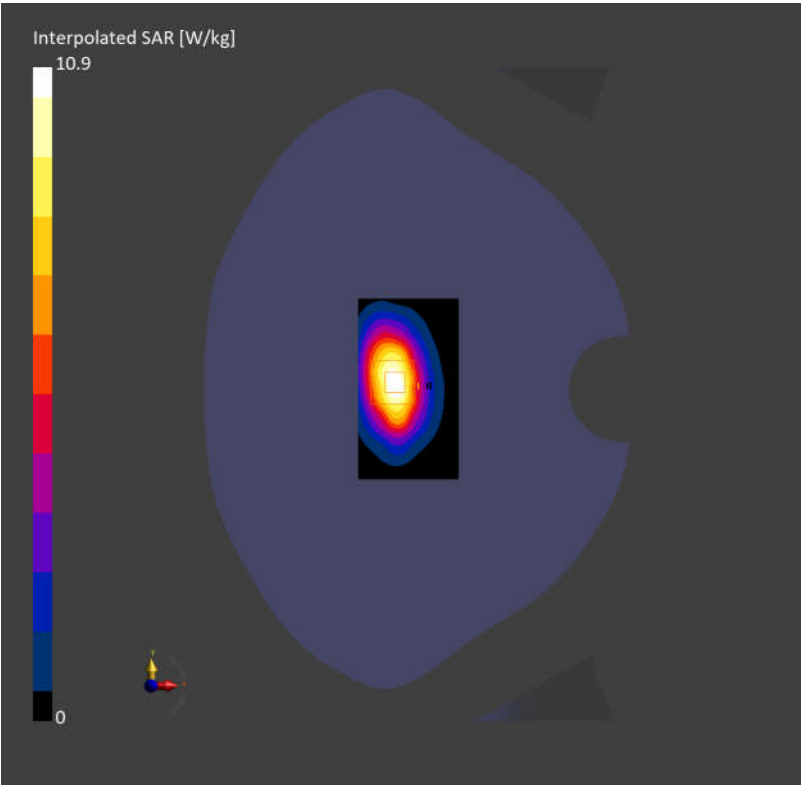
Measurement Report for Device, , , CW, Channel 0 (1750.000 MHz)

Communication System: ; Frequency: 1750.000
Medium: HSL. Medium parameters used: $f=1750.000\text{ MHz}$; $\sigma=1.35\text{ S/m}$; $\epsilon_r=40.5$

- DASY8 Configuration:
- Probe: EX3DV4 - SN3801; ConvF(7.96, 7.96, 7.96); Calibrated: 2024-06-20
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1826; Calibrated: 2025-02-17
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2155
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (40.0 mm x 90.0 mm): Measurement Grid: 10.0 mm x 15.0 mm
SAR (1g) = 8.87 W/kg; SAR (10g) = 4.87 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm
Power Drift = -0.06 dB
SAR (1g) = 9.16 W/kg; SAR (10g) = 4.95 W/kg;
M2/M1 [%] 85.7
Dist 3dB Peak [mm] 10.8



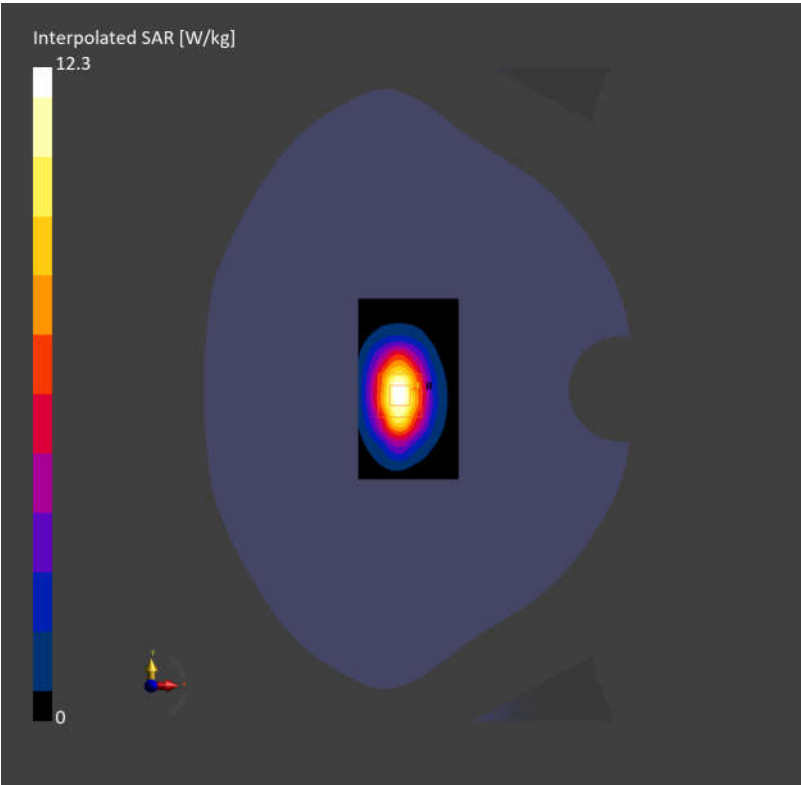
Measurement Report for Device, , , CW, Channel 0 (1950.000 MHz)

Communication System: ; Frequency: 1950.000
Medium: HSL. Medium parameters used: $f=1950.000\text{ MHz}$; $\sigma=1.39\text{ S/m}$; $\epsilon_r=40.1$

- DASY8 Configuration:
- Probe: EX3DV4 - SN3801; ConvF(7.84, 7.84, 7.84); Calibrated: 2024-06-20
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1826; Calibrated: 2025-02-17
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2155
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (40.0 mm x 90.0 mm): Measurement Grid: 10.0 mm x 15.0 mm
SAR (1g) = 9.67 W/kg; SAR (10g) = 5.04 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm
Power Drift = -0.07 dB
SAR (1g) = 9.85 W/kg; SAR (10g) = 5.17 W/kg;
M2/M1 [%] 85.9
Dist 3dB Peak [mm] 10.8



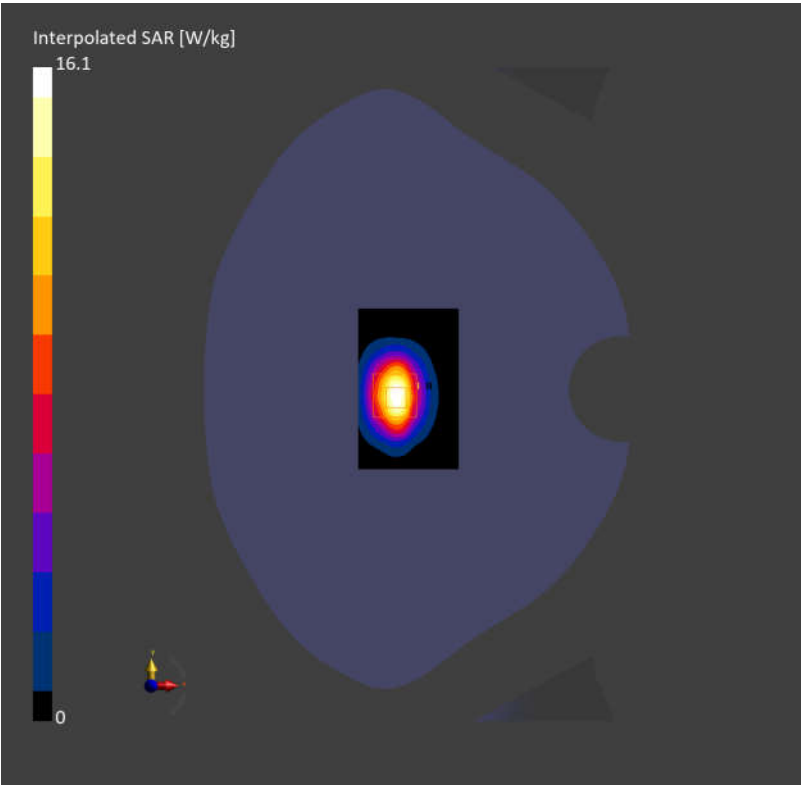
Measurement Report for Device, , , CW, Channel 0 (2450.000 MHz)

Communication System: ; Frequency: 2450.000
Medium: HSL. Medium parameters used: $f= 2450.000$ MHz; $\sigma= 1.81$ S/m; $\epsilon_r = 39.1$

- DASY8 Configuration:
- Probe: EX3DV4 - SN3801; ConvF(7.41, 7.41, 7.41); Calibrated: 2024-06-20
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1826; Calibrated: 2025-02-17
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2155
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (40.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 12.2 W/kg; SAR (10g) = 5.79 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 = -0.09 dB
SAR (1g) = 12.6 W/kg; SAR (10g) = 5.99 W/kg;
M2/M1 [%] 82.7
Dist 3dB Peak [mm] 9.3



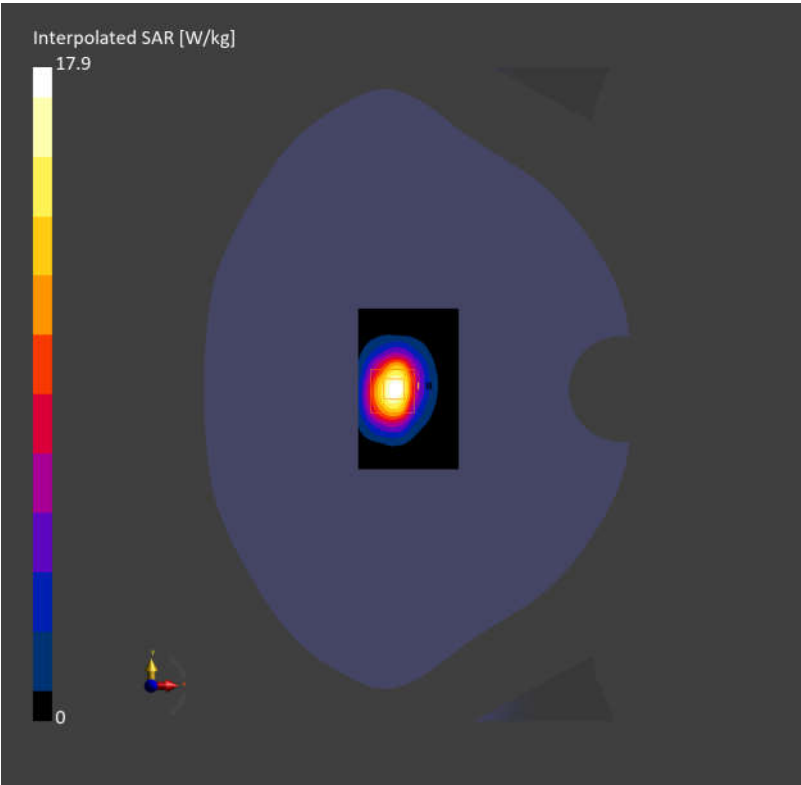
Measurement Report for Device, , , CW, Channel 0 (2600.000 MHz)

Communication System: ; Frequency: 2600.000
Medium: HSL. Medium parameters used: $f= 2600.000$ MHz; $\sigma= 1.97$ S/m; $\epsilon_r = 38.6$

- DASY8 Configuration:
- Probe: EX3DV4 - SN3801; ConvF(7.25, 7.25, 7.25); Calibrated: 2024-06-20
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1826; Calibrated: 2025-02-17
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2155
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (40.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 13.5 W/kg; SAR (10g) = 6.31 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 = -0.01 dB
SAR (1g) = 14.2 W/kg; SAR (10g) = 6.51 W/kg;
M2/M1 [%] 81.0
Dist 3dB Peak [mm] 9.1



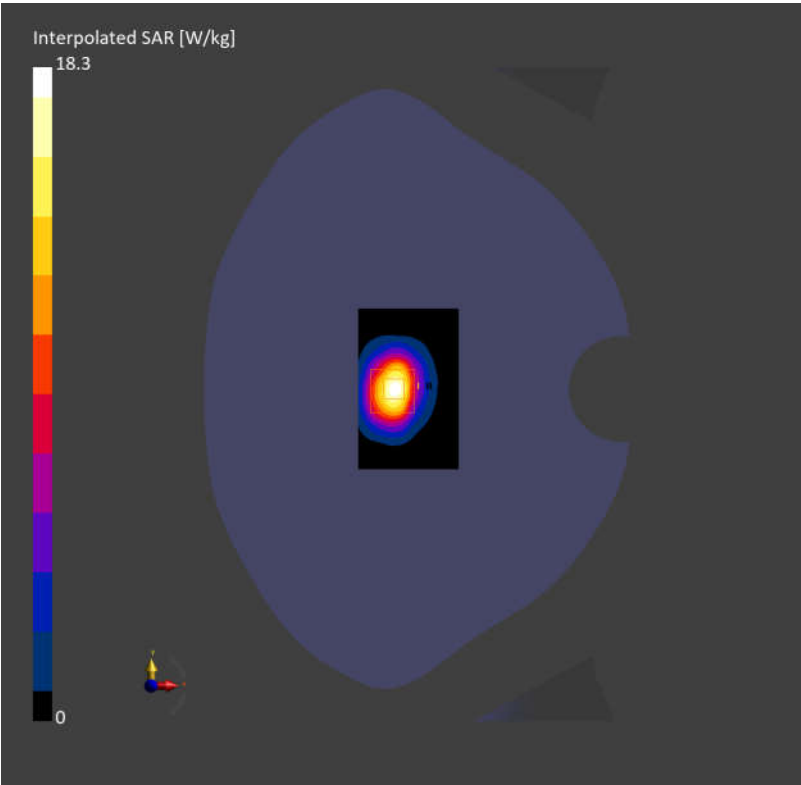
Measurement Report for Device, , , CW, Channel 0 (2600.000 MHz)

Communication System: ; Frequency: 2600.000
Medium: HSL. Medium parameters used: $f= 2600.000$ MHz; $\sigma= 1.96$ S/m; $\epsilon_r = 38.5$

- DASY8 Configuration:
- Probe: EX3DV4 - SN3801; ConvF(7.25, 7.25, 7.25); Calibrated: 2024-06-20
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1826; Calibrated: 2025-02-17
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2155
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (40.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 13.9 W/kg; SAR (10g) = 6.33 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 = -0.01 dB
SAR (1g) = 14.5 W/kg; SAR (10g) = 6.55 W/kg;
M2/M1 [%] 81.0
Dist 3dB Peak [mm] 9.1



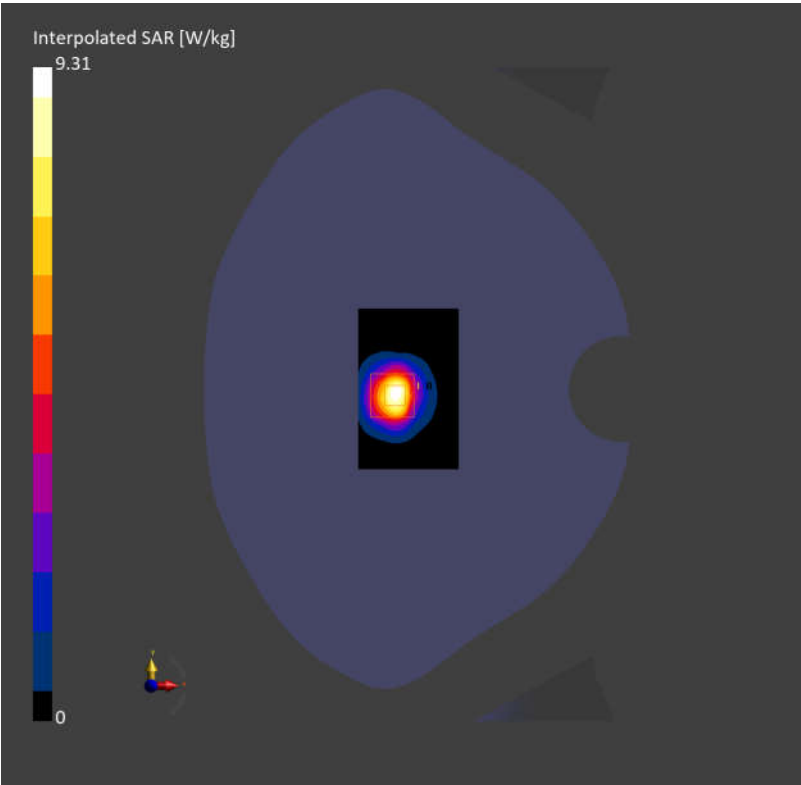
Measurement Report for Device, , , CW, Channel 0 (3400.000 MHz)

Communication System: ; Frequency: 3400.000
Medium: HSL. Medium parameters used: $f= 3400.000$ MHz; $\sigma= 2.86$ S/m; $\epsilon_r = 38.6$

- DASY8 Configuration:
- Probe: EX3DV4 - SN3801; ConvF(6.56, 6.56, 6.56); Calibrated: 2024-06-20
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1826; Calibrated: 2025-02-17
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2155
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (40.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 6.86 W/kg; SAR (10g) = 2.59 W/kg;

Zoom Scan (28.0 mm x 28.0 mm x 28.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.4 mm
Power Drift = -0.11 dB
SAR (1g) = 6.96 W/kg; SAR (10g) = 2.62 W/kg;
M2/M1 [%] 78.1
Dist 3dB Peak [mm] 9.0



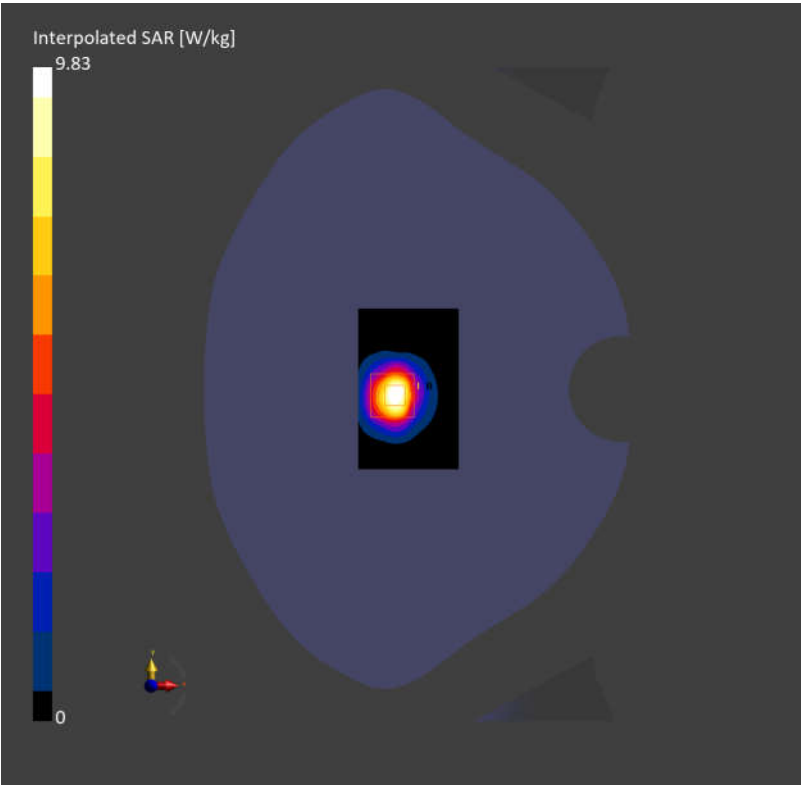
Measurement Report for Device, , , CW, Channel 0 (3500.000 MHz)

Communication System: ; Frequency: 3500.000
Medium: HSL. Medium parameters used: $f= 3500.000$ MHz; $\sigma= 2.94$ S/m; $\epsilon_r = 38.3$

- DASY8 Configuration:
- Probe: EX3DV4 - SN3801; ConvF(6.49, 6.49, 6.49); Calibrated: 2024-06-20
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1826; Calibrated: 2023-12-27
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2155
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (40.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 6.41 W/kg; SAR (10g) = 2.25 W/kg;

Zoom Scan (28.0 mm x 28.0 mm x 28.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.4 mm
Power Drift = 0.06 dB
SAR (1g) = 6.79 W/kg; SAR (10g) = 2.59 W/kg;
M2/M1 [%] 78.2
Dist 3dB Peak [mm] 9.0



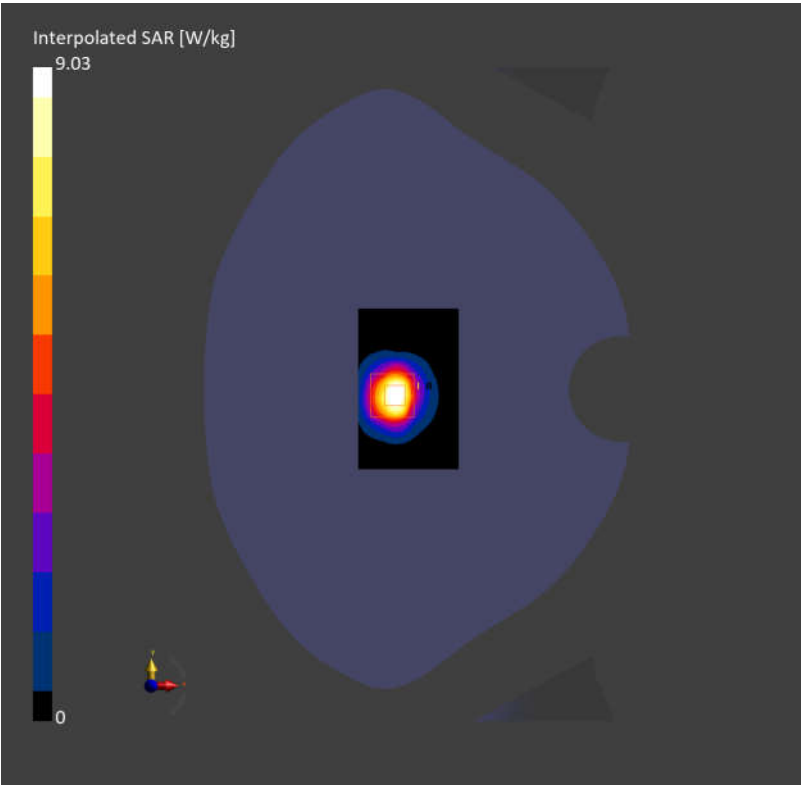
Measurement Report for Device, , , CW, Channel 0 (3700.000 MHz)

Communication System: ; Frequency: 3700.000
Medium: HSL. Medium parameters used: $f= 3700.000$ MHz; $\sigma= 3.13$ S/m; $\epsilon_r = 37.6$

- DASY8 Configuration:
- Probe: EX3DV4 - SN3801; ConvF(6.42, 6.42, 6.42); Calibrated: 2024-06-20
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1826; Calibrated: 2025-02-17
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2155
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (40.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 6.71 W/kg; SAR (10g) = 2.34 W/kg;

Zoom Scan (28.0 mm x 28.0 mm x 28.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.4 mm
Power Drift = -0.09 dB
SAR (1g) = 6.98 W/kg; SAR (10g) = 2.56 W/kg;
M2/M1 [%] 77.8
Dist 3dB Peak [mm] 9.0



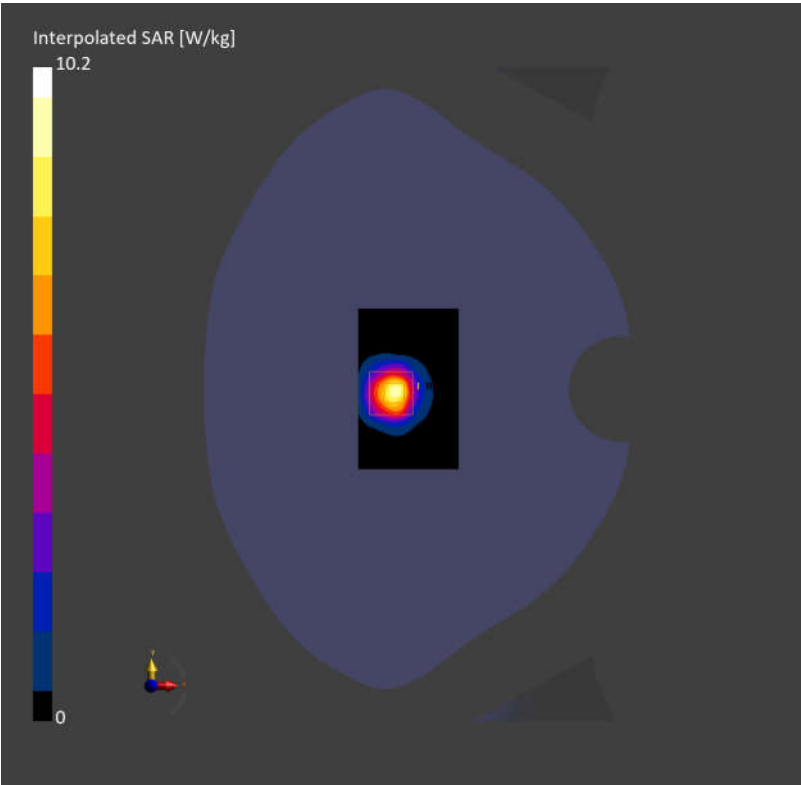
Measurement Report for Device, , , CW, Channel 0 (3900.000 MHz)

Communication System: ; Frequency: 3900.000
Medium: HSL. Medium parameters used: $f= 3900.000$ MHz; $\sigma= 3.35$ S/m; $\epsilon_r = 37.0$

- DASY8 Configuration:
- Probe: EX3DV4 - SN3801; ConvF(6.32, 6.32, 6.32); Calibrated: 2024-06-20
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1826; Calibrated: 2025-02-17
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2155
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (40.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 6.92 W/kg; SAR (10g) = 2.42 W/kg;

Zoom Scan (28.0 mm x 28.0 mm x 28.0 mm): Measurement Grid: 5.0 mm x 5.0 mm x 1.4 mm
Power Drift = -0.08 dB
SAR (1g) = 7.16 W/kg; SAR (10g) = 2.53 W/kg;
M2/M1 [%] 75.7
Dist 3dB Peak [mm] 8.1



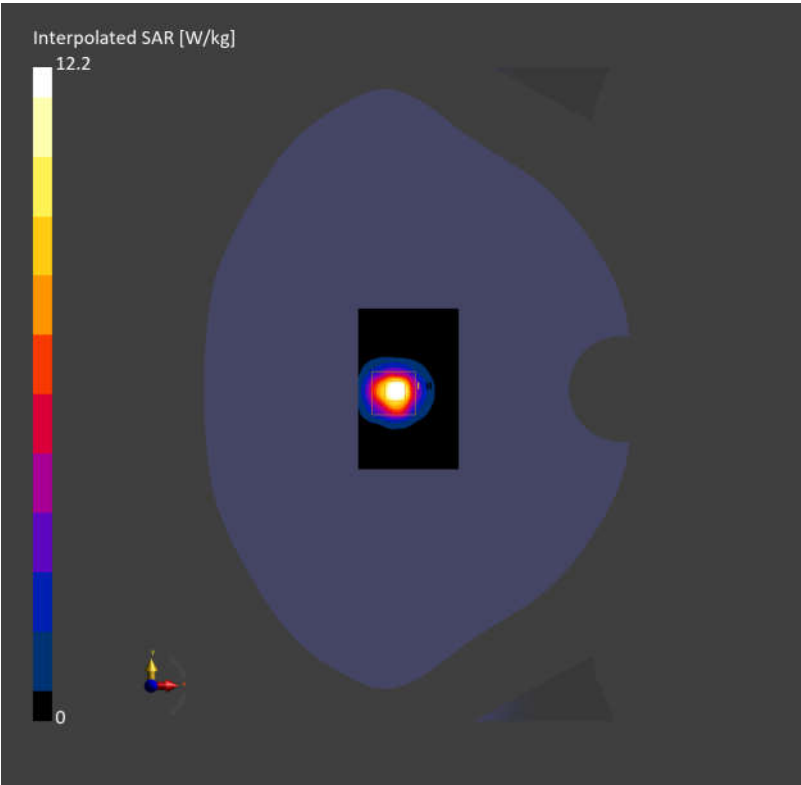
Measurement Report for Device, , , CW, Channel 0 (5250.000 MHz)

Communication System: ; Frequency: 5250.000
Medium: HSL. Medium parameters used: $f= 5250.000$ MHz; $\sigma= 4.79$ S/m; $\epsilon_r = 36.9$

- DASY8 Configuration:
- Probe: EX3DV4 - SN3801; ConvF(5.23, 5.23, 5.23); Calibrated: 2024-06-20
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1826; Calibrated: 2025-02-17
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2155
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (40.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 7.28 W/kg; SAR (10g) = 2.08 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 = 0.08 dB
SAR (1g) = 7.85 W/kg; SAR (10g) = 2.29 W/kg;
M2/M1 [%] 67.5
Dist 3dB Peak [mm] 7.6



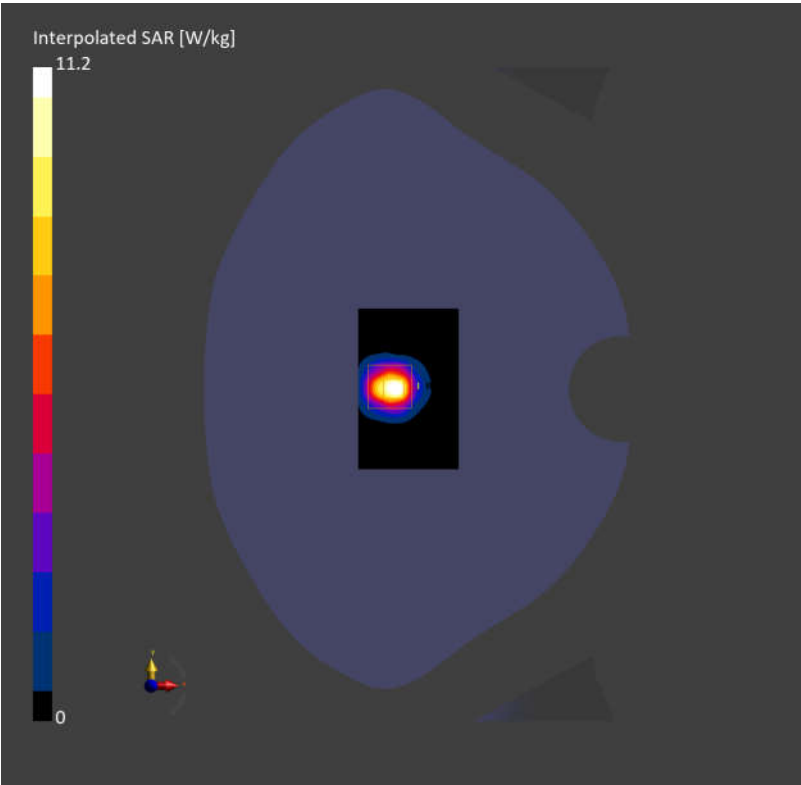
Measurement Report for Device, , , CW, Channel 0 (5600.000 MHz)

Communication System: ; Frequency: 5600.000
Medium: HSL. Medium parameters used: $f= 5600.000$ MHz; $\sigma= 5.08$ S/m; $\epsilon_r = 35.9$

- DASY8 Configuration:
- Probe: EX3DV4 - SN3801; ConvF(4.63, 4.63, 4.63); Calibrated: 2024-06-20
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1826; Calibrated: 2025-02-17
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2155
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (40.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 7.98 W/kg; SAR (10g) = 2.15 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 = 0.07 dB
SAR (1g) = 8.23 W/kg; SAR (10g) = 2.36 W/kg;
M2/M1 [%] 66.2
Dist 3dB Peak [mm] 7.2



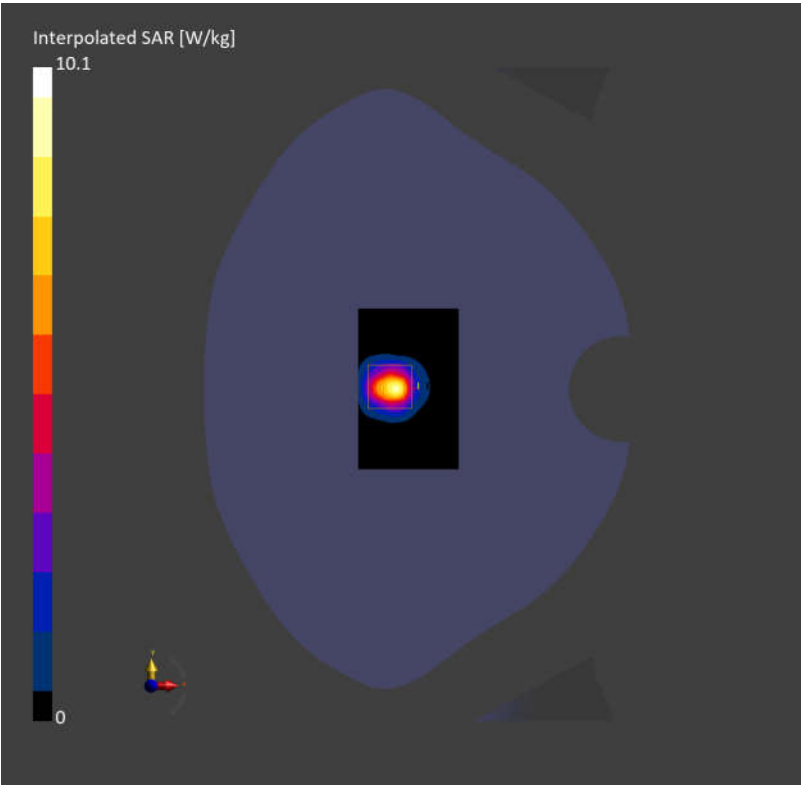
Measurement Report for Device, , , CW, Channel 0 (5750.000 MHz)

Communication System: ; Frequency: 5750.000
Medium: HSL. Medium parameters used: $f= 5750.000$ MHz; $\sigma= 5.21$ S/m; $\epsilon_r = 35.5$

- DASY8 Configuration:
- Probe: EX3DV4 - SN3801; ConvF(4.89, 4.89, 4.89); Calibrated: 2024-06-20
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1826; Calibrated: 2025-02-17
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2155
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (40.0 mm x 80.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 7.61 W/kg; SAR (10g) = 2.15 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 = 0.11 dB
SAR (1g) = 7.88 W/kg; SAR (10g) = 2.24 W/kg;
M2/M1 [%] 63.5
Dist 3dB Peak [mm] 7.2



Measurement Report for Device, , , CW, Channel 0 (6500.000 MHz)

Communication System: ; Frequency: 6500.000
Medium: HSL. Medium parameters used: $f=6500.000\text{ MHz}$; $\sigma=6.21\text{ S/m}$; $\epsilon_r=34.1$

- DASY8 Configuration:
- Probe: EX3DV4 - SN3801; ConvF(5.35, 5.35, 5.35); Calibrated: 2024-06-20
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1826; Calibrated: 2025-02-17
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2155
 - Measurement Software: cDASY8 V16.2.0.1425

Area Scan (51.0 mm x 85.0 mm): Measurement Grid: 8.5 mm x 8.5 mm
SAR (1g) = 26.2 W/kg; SAR (10g) = 5.25 W/kg;

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm
Power Drift = -0.01 dB
SAR (1g) = 28.5 W/kg; SAR (10g) = 5.43 W/kg;
psAPD (4.0cm2, sq) [W/m2] 131
M2/M1 [%] 57.6
Dist 3dB Peak [mm] 4.6

