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 1750 MHz
System Performance Check 1950 MHz
System Performance Check 2300 MHz
System Performance Check 2450 MHz
System Performance Check 2600 MHz
System Performance Check 3500 MHz
System Performance Check 2900 MHz
System Performance Check 5250 MHz
System Performance Check 5600 MHz
System Performance Check 5750 MHz

Test Laboratory: SGS-SAR Lab Date: 2025-05-25

System Performance Check 13MHz

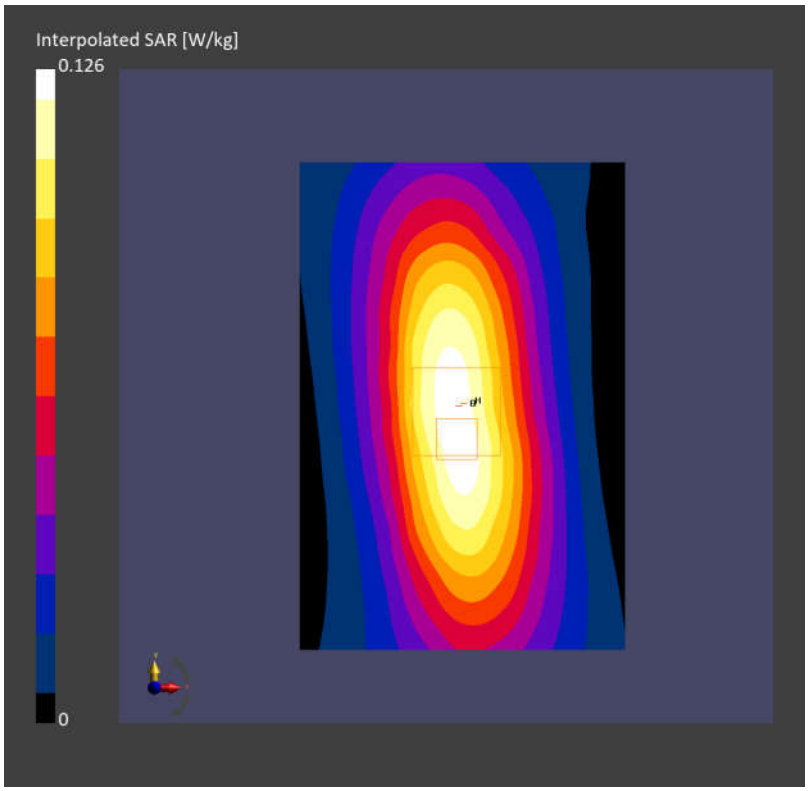
Communication System: Custom Band; Frequency: 13.000
Medium: HSL. Medium parameters used: f= 13.000 MHz; σ= 0.747 S/m; ε_r = 55.7

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: 10.0 mm x 15.0 mm
SAR (1g) = 0.114 W/kg; SAR (10g) = 0.093 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) = 0.106 W/kg; SAR (10g) = 0.067 W/kg;

M2/M1 [%]	68.6
Dist 3dB Peak [mm]	14.1



Test Laboratory: SGS-SAR Lab Date: 2025-04-29

System Performance Check 750MHz

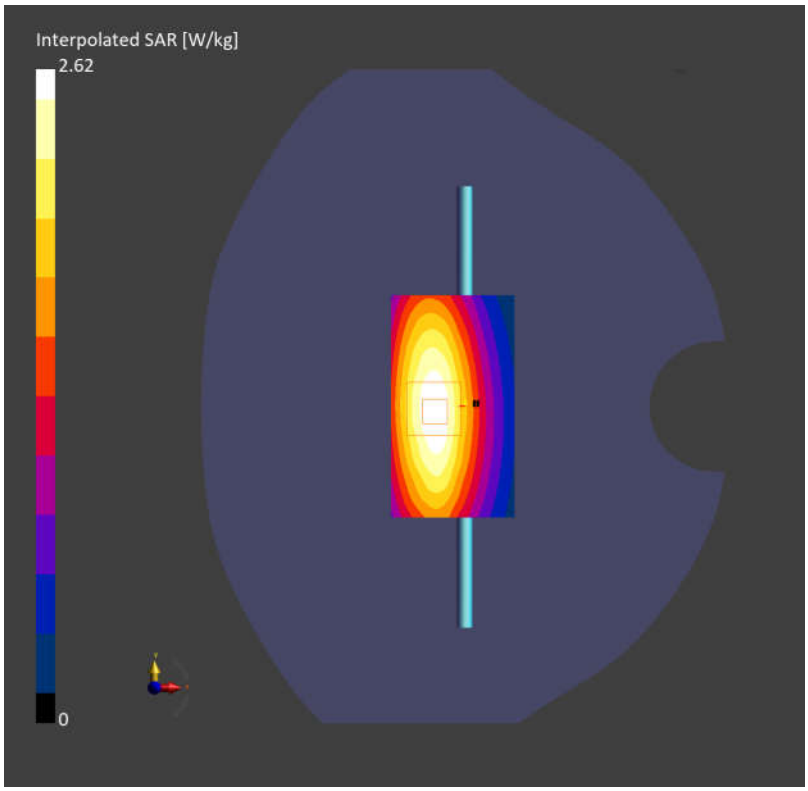
Communication System: ; Frequency: 750.000
Medium: HSL. Medium parameters used: f= 750.000 MHz; σ= 0.912 S/m; ε_r = 41.9

DASY8 Configuration:
- Probe: EX3DV4 - SN7767; ConvF(10.76, 10.76, 10.76); Calibrated: 2024-12-31
- 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) = 2.23 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 = 0.02 dB
SAR (1g) = 2.19 W/kg; SAR (10g) = 1.50 W/kg;

M2/M1 [%]	91.2
Dist 3dB Peak [mm]	> 15.0



Test Laboratory: SGS-SAR Lab Date: 2025-05-01

System Performance Check 835MHz

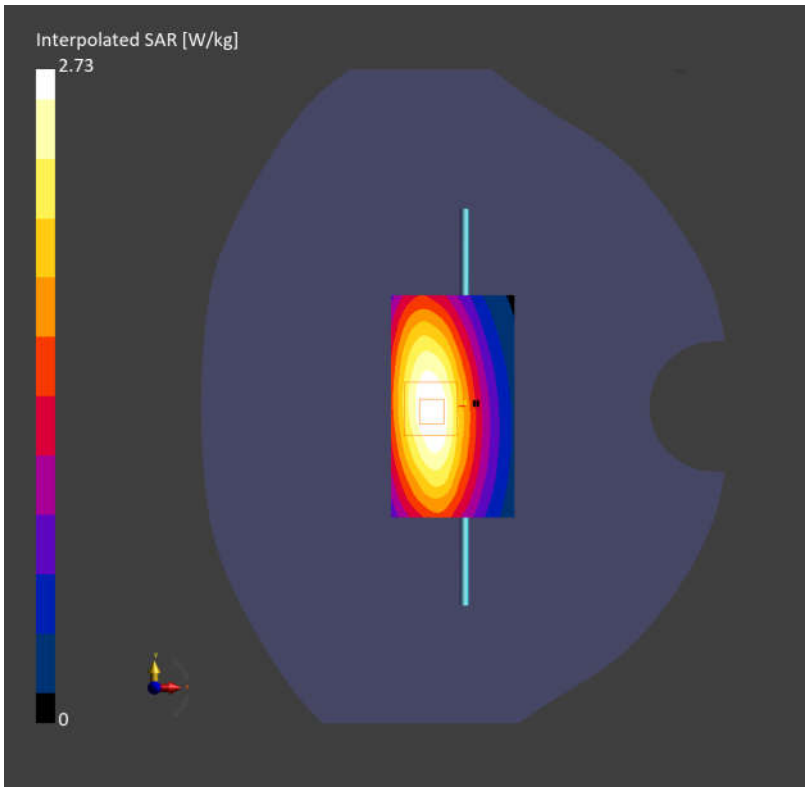
Communication System: ; Frequency: 835.000
Medium: HSL. Medium parameters used: f= 835.000 MHz; σ= 0.923 S/m; ε_r = 41.4

DASY8 Configuration:
- Probe: EX3DV4 - SN7767; ConvF(10.34, 10.34, 10.34); Calibrated: 2024-12-31
- 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) = 2.45 W/kg; SAR (10g) = 1.61 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 = 0.04 dB
SAR (1g) = 2.43 W/kg; SAR (10g) = 1.57 W/kg;

M2/M1 [%]	91.3
Dist 3dB Peak [mm]	19.0



Test Laboratory: SGS-SAR Lab Date: 2025-05-08

System Performance Check 1750MHz

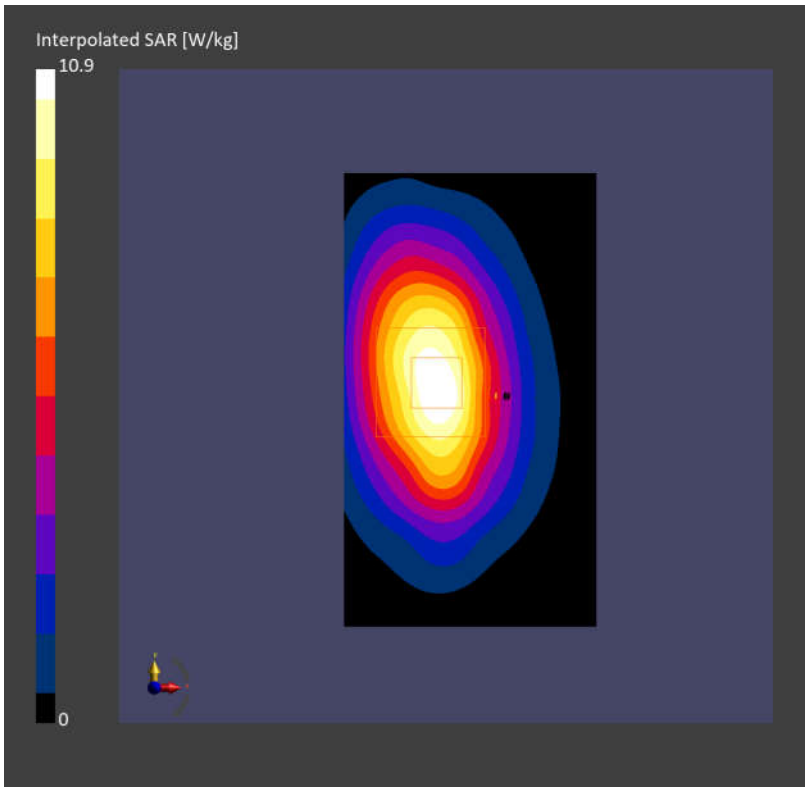
Communication System: ; Frequency: 1750.000
Medium: HSL. Medium parameters used: f= 1750.000 MHz; σ= 1.38 S/m; ε_r = 41.0

DASY8 Configuration:
- Probe: EX3DV4 - SN7767; ConvF(8.95, 8.95, 8.95); Calibrated: 2024-12-31
- 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) = 9.42 W/kg; SAR (10g) = 5.03 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) = 9.33 W/kg; SAR (10g) = 5.01 W/kg;

M2/M1 [%]	85.7
Dist 3dB Peak [mm]	10.8



Test Laboratory: SGS-SAR Lab Date: 2025-05-10

System Performance Check 1950MHz

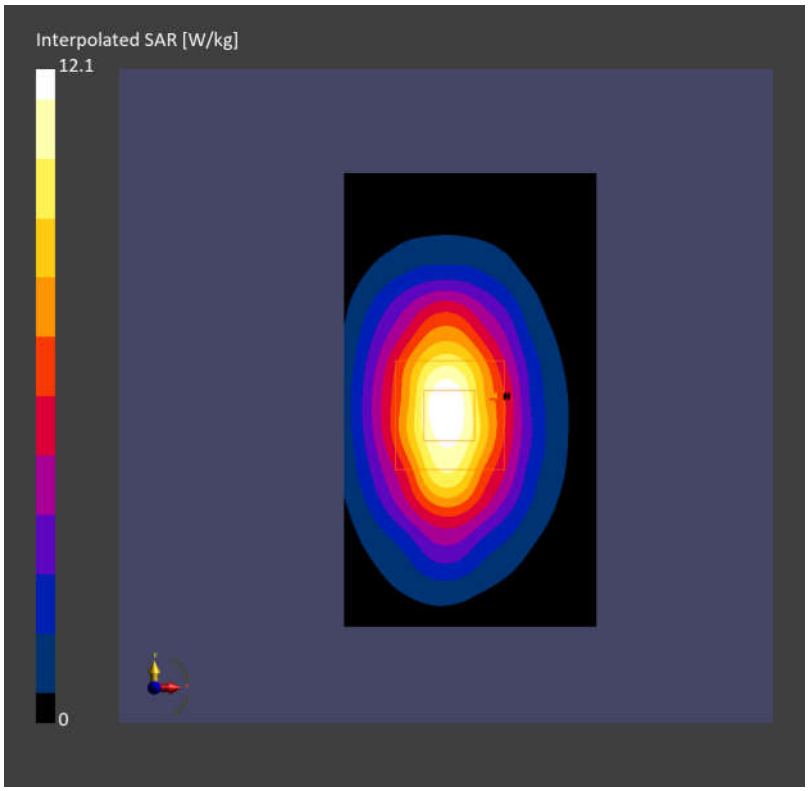
Communication System: ; Frequency: 1950.000
Medium: HSL. Medium parameters used: f= 1950.000 MHz; σ= 1.42 S/m; ε_r = 40.6

DASY8 Configuration:
- Probe: EX3DV4 - SN7767; ConvF(8.6, 8.6, 8.6); Calibrated: 2024-12-31
- 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) = 10.8 W/kg; SAR (10g) = 5.43 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) = 10.4 W/kg; SAR (10g) = 5.37 W/kg;

M2/M1 [%]	85.9
Dist 3dB Peak [mm]	10.8



Test Laboratory: SGS-SAR Lab Date: 2025-05-06

System Performance Check 2300MHz

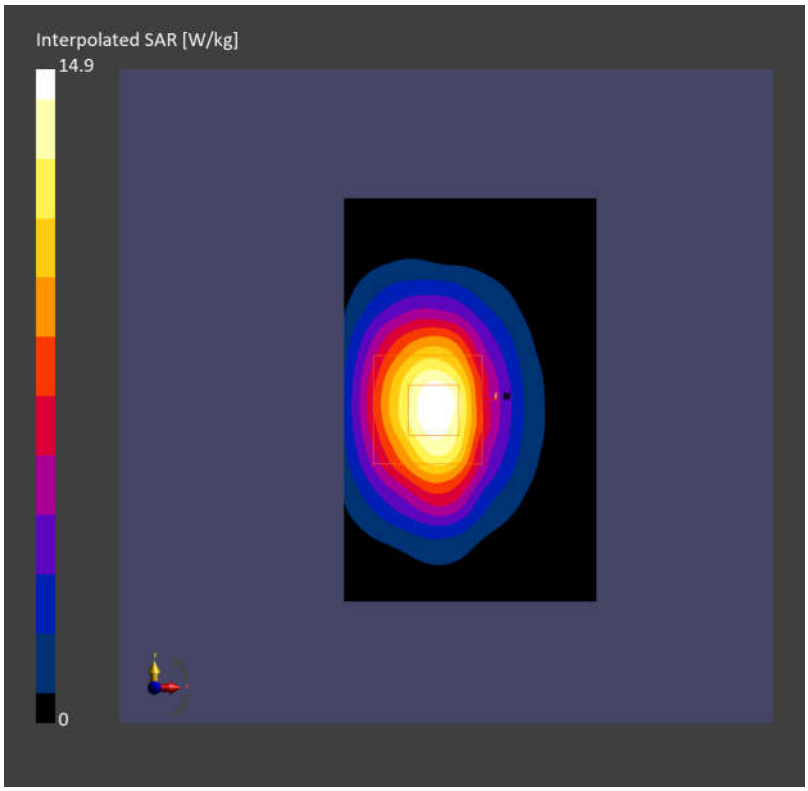
Communication System: ; Frequency: 2300.000
Medium: HSL. Medium parameters used: f= 2300.000 MHz; σ= 1.69 S/m; ε_r = 39.3

DASY8 Configuration:
- Probe: EX3DV4 - SN7767; ConvF(8.33, 8.33, 8.33); Calibrated: 2024-12-31
- 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) = 12.3 W/kg; SAR (10g) = 5.92 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 = -0.04 dB
SAR (1g) = 12.2 W/kg; SAR (10g) = 5.88 W/kg;

M2/M1 [%]	83.3
Dist 3dB Peak [mm]	9.5



Test Laboratory: SGS-SAR Lab Date: 2025-05-18

System Performance Check 2450MHz

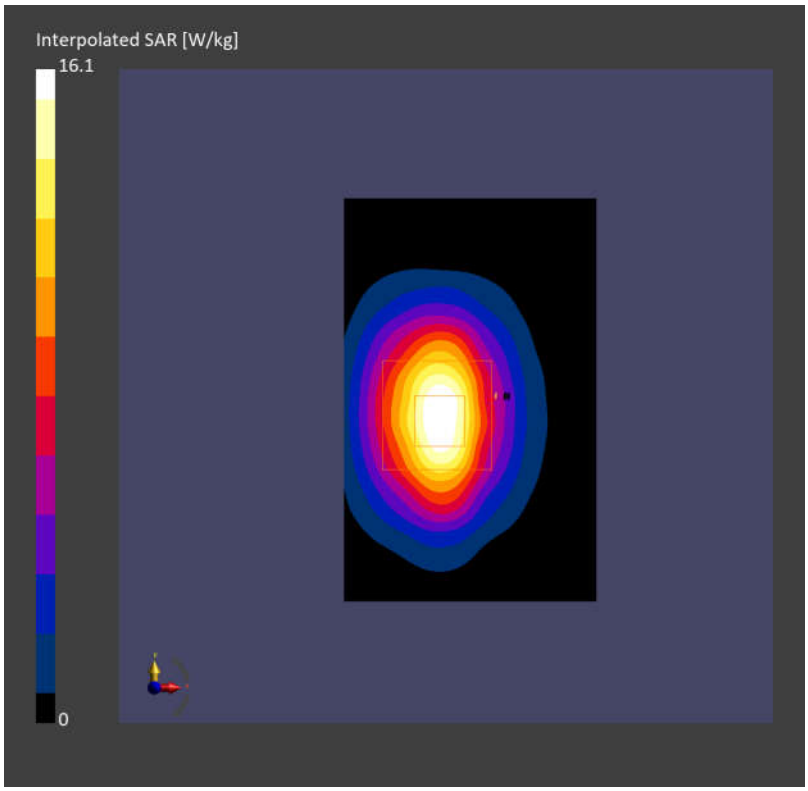
Communication System: ; Frequency: 2450.000
Medium: HSL. Medium parameters used: f= 2450.000 MHz; σ= 1.85 S/m; ε_r = 38.8

DASY8 Configuration:
- Probe: EX3DV4 - SN7767; ConvF(8.03, 8.03, 8.03); Calibrated: 2024-12-31
- 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) = 13.1 W/kg; SAR (10g) = 6.08 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 = 0.07 dB
SAR (1g) = 12.9 W/kg; SAR (10g) = 6.03 W/kg;

M2/M1 [%]	82.9
Dist 3dB Peak [mm]	9.3



Test Laboratory: SGS-SAR Lab Date: 2025-05-12

System Performance Check 2600MHz

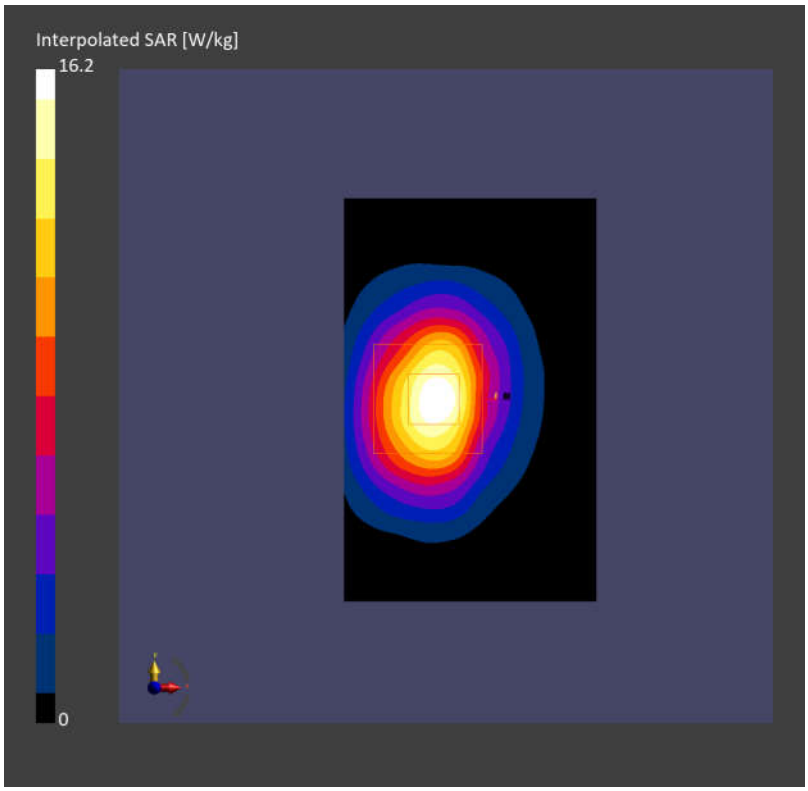
Communication System: ; Frequency: 2600.000
Medium: HSL. Medium parameters used: f= 2600.000 MHz; σ= 1.94 S/m; ε_r = 38.3

DASY8 Configuration:
- Probe: EX3DV4 - SN7767; ConvF(8.03, 8.03, 8.03); Calibrated: 2024-12-31
- 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) = 6.02 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 = -0.07 dB
SAR (1g) = 13.3 W/kg; SAR (10g) = 6.01 W/kg;

M2/M1 [%]	81.0
Dist 3dB Peak [mm]	9.3



Test Laboratory: SGS-SAR Lab Date: 2025-05-14

System Performance Check 3500MHz

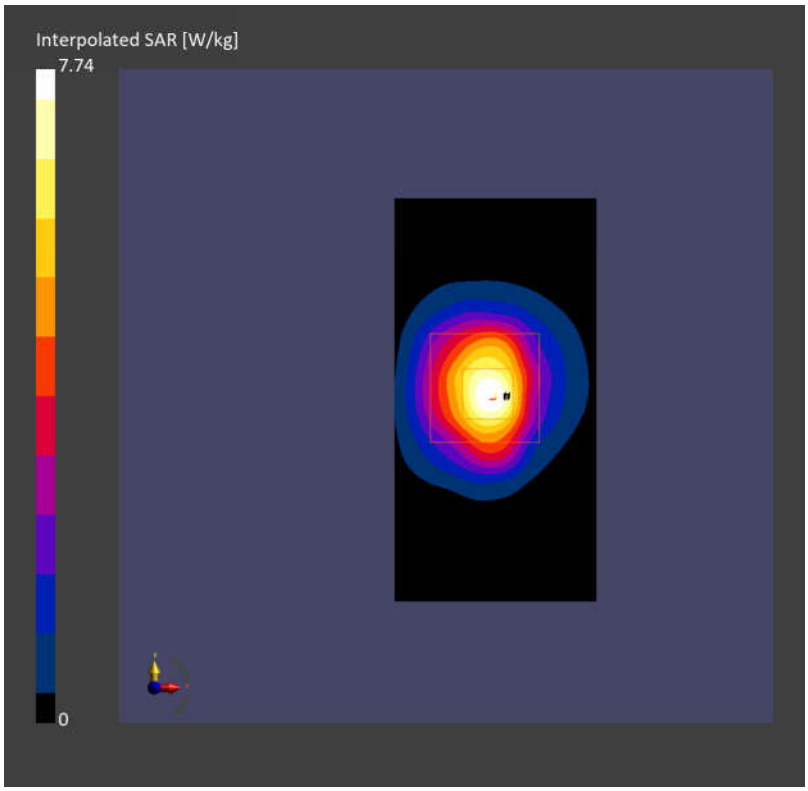
Communication System: ; Frequency: 3500.000
Medium: HSL. Medium parameters used: f= 3500.000 MHz; σ= 2.96 S/m; ε_r = 38.1

DASY8 Configuration:
- Probe: EX3DV4 - SN7767; ConvF(7.23, 7.23, 7.23); Calibrated: 2024-12-31
- 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) = 6.52 W/kg; SAR (10g) = 2.48 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 = 0.07 dB
SAR (1g) = 6.49 W/kg; SAR (10g) = 2.47 W/kg;

M2/M1 [%]	77.4
Dist 3dB Peak [mm]	8.0



Test Laboratory: SGS-SAR Lab Date: 2025-05-16

System Performance Check 3900MHz

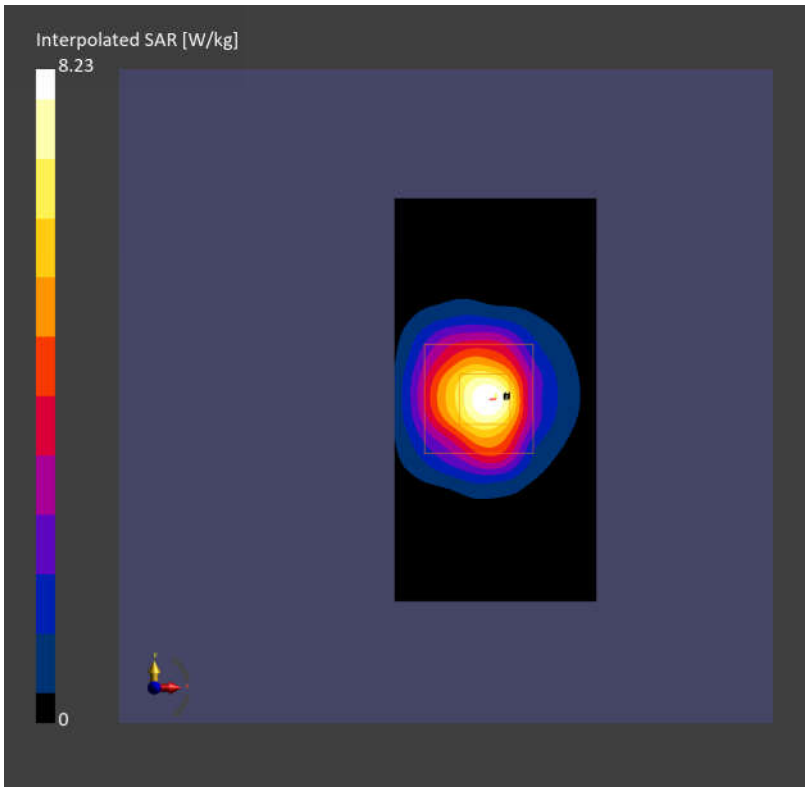
Communication System: ; Frequency: 3900.000
Medium: HSL. Medium parameters used: f= 3900.000 MHz; σ= 3.36 S/m; ε_r = 37.3

DASY8 Configuration:
- Probe: EX3DV4 - SN7767; ConvF(6.95, 6.95, 6.95); Calibrated: 2024-12-31
- 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) = 6.67 W/kg; SAR (10g) = 2.33 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) = 6.63 W/kg; SAR (10g) = 2.31 W/kg;

M2/M1 [%]	77.4
Dist 3dB Peak [mm]	8.0



Test Laboratory: SGS-SAR Lab Date: 2025-05-20

System Performance Check 5250MHz

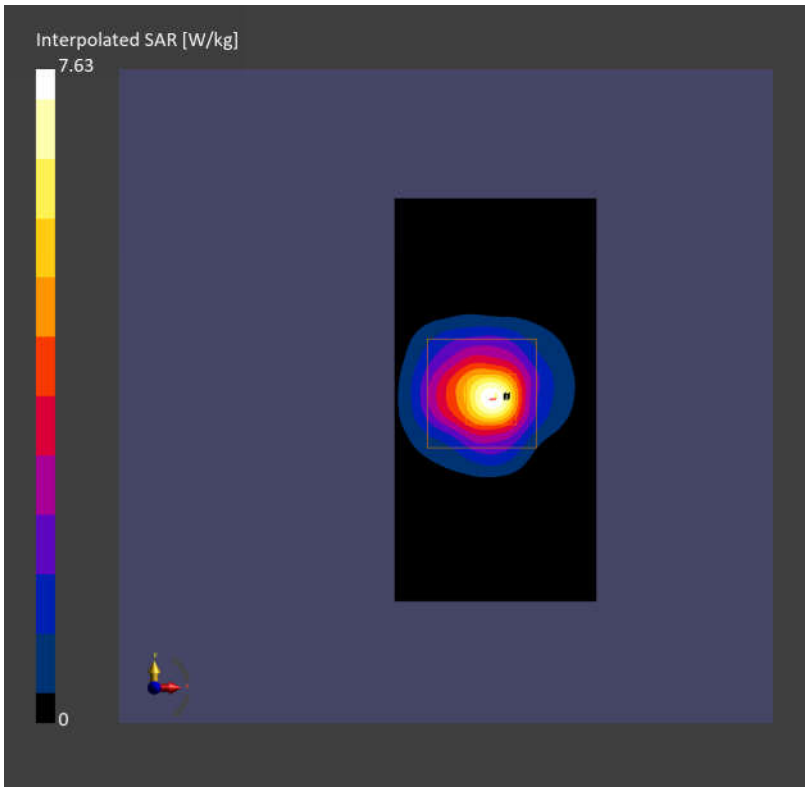
Communication System: ; Frequency: 5250.000
Medium: HSL. Medium parameters used: f= 5250.000 MHz; σ= 4.68 S/m; ε_r = 36.7

DASY8 Configuration:
- Probe: EX3DV4 - SN7767; ConvF(5.73, 5.73, 5.73); Calibrated: 2024-12-31
- 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) = 7.45 W/kg; SAR (10g) = 2.14 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) = 7.43 W/kg; SAR (10g) = 2.11 W/kg;

M2/M1 [%]	66.0
Dist 3dB Peak [mm]	6.4



Test Laboratory: SGS-SAR Lab Date: 2025-05-22

System Performance Check 5600MHz

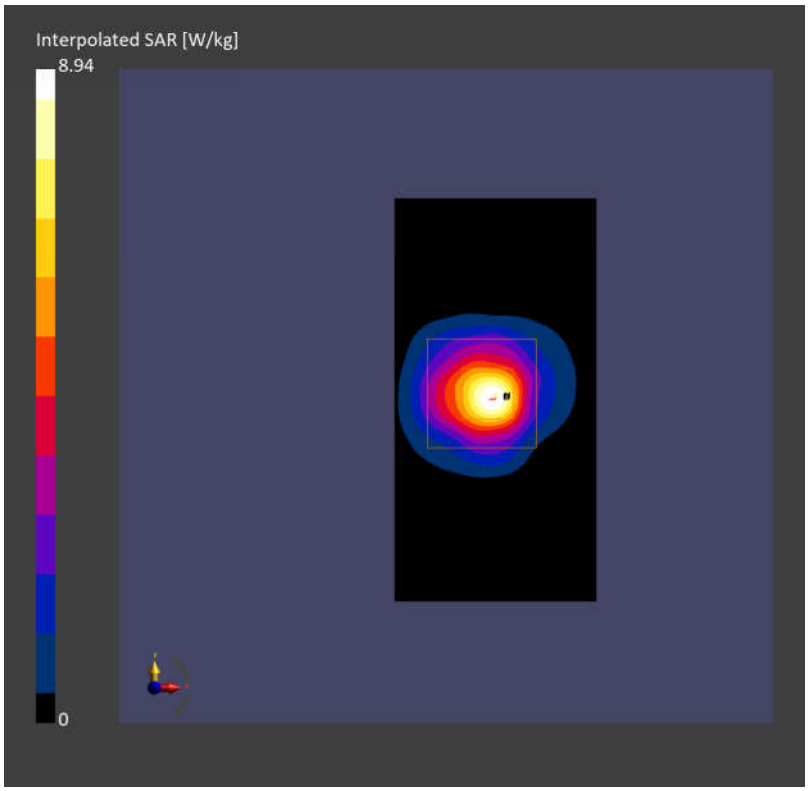
Communication System: ; Frequency: 5600.000
Medium: HSL. Medium parameters used: f= 5600.000 MHz; σ= 5.07 S/m; ε_r = 35.8

DASY8 Configuration:
- Probe: EX3DV4 - SN7767; ConvF(5.12, 5.12, 5.12); Calibrated: 2024-12-31
- 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) = 7.75 W/kg; SAR (10g) = 2.19 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 = 0.03 dB
SAR (1g) = 7.72 W/kg; SAR (10g) = 2.16 W/kg;

M2/M1 [%]	63.9
Dist 3dB Peak [mm]	6.4



Test Laboratory: SGS-SAR Lab Date: 2025-05-24

System Performance Check 5750MHz

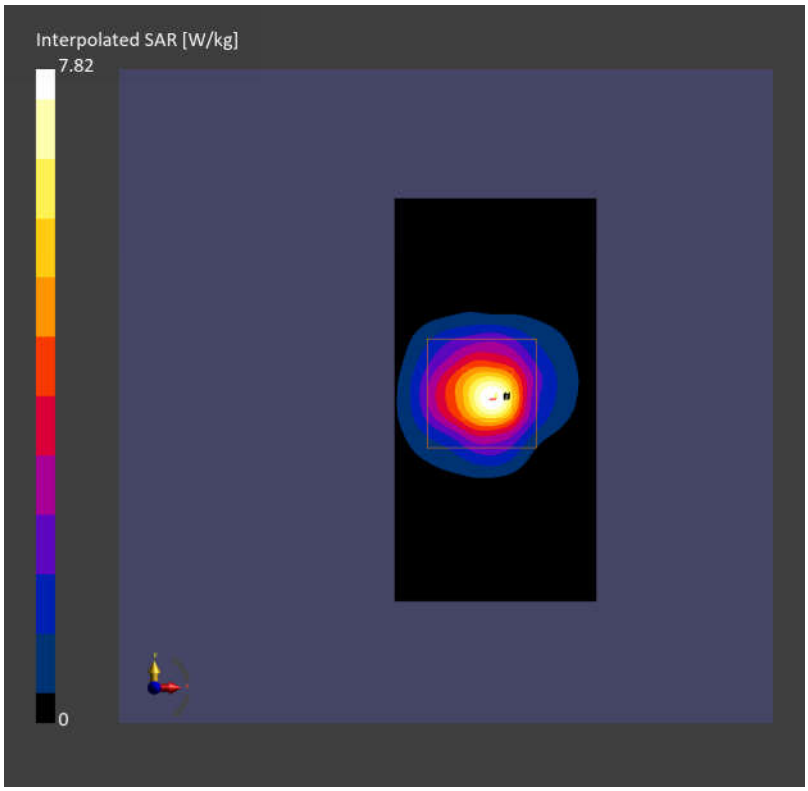
Communication System: ; Frequency: 5750.000
Medium: HSL. Medium parameters used: f= 5750.000 MHz; σ= 5.26 S/m; ε_r = 35.7

DASY8 Configuration:
- Probe: EX3DV4 - SN7767; ConvF(5.21, 5.21, 5.21); Calibrated: 2024-12-31
- 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) = 7.52 W/kg; SAR (10g) = 2.11 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 = 0.06 dB
SAR (1g) = 7.49 W/kg; SAR (10g) = 2.08 W/kg;

M2/M1 [%]	63.3
Dist 3dB Peak [mm]	6.4



- End of the Appendix -