

Appendix A

Detailed System Check Results

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| 1. System Performance Check |
| System Performance Check 2450 MHz Head |
| System Performance Check 5250 MHz Head |
| System Performance Check 5600 MHz Head |
| System Performance Check 5750 MHz Head |



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System Performance Check 2450MHz Head

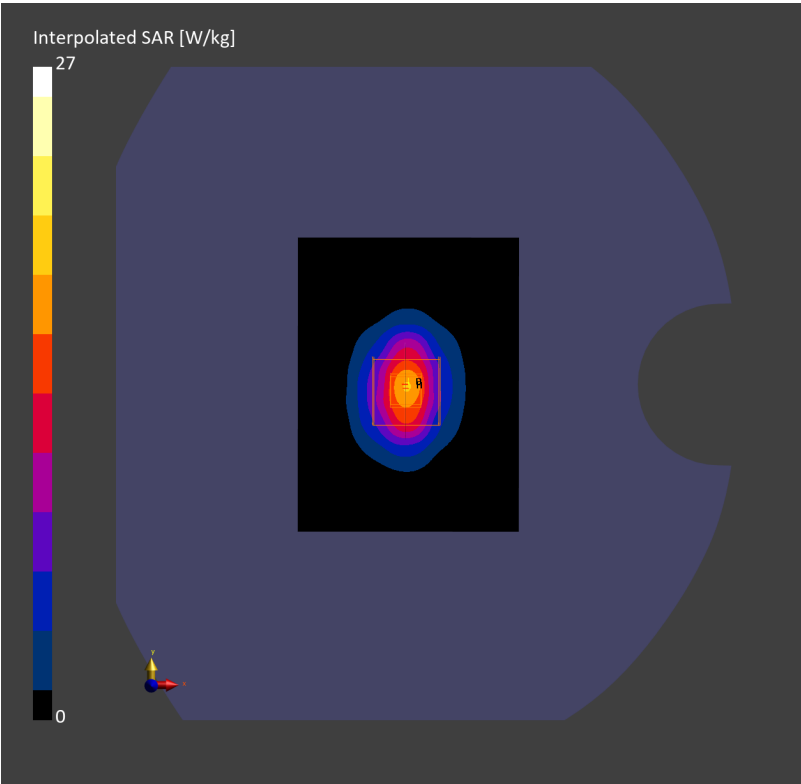
D2450V2-SN 922

Communication System: D2450; Frequency: 2450.000
Medium: Head Simulating Liquid. Medium parameters used: $f= 2450.000$ MHz; $\sigma= 1.79$ S/m; $\epsilon_r = 38.4$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(7.95, 7.95, 7.95); Calibrated: 2024-07-17
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4 Sn1267; Calibrated: 2024-01-03
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
 - Measurement Software: cDASY8 V16.2.4.2524

Area Scan (72.0 mm x 96.0 mm): Measurement Grid: 12.0 mm x 12.0 mm
SAR (1g) = 13.7 W/kg; SAR (10g) = 6.40 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 5.0 mm
Power Drift = -0.07 dB
SAR (1g) = 13.3 W/kg; SAR (10g) = 6.33 W/kg;



System Performance Check 5250MHz Head

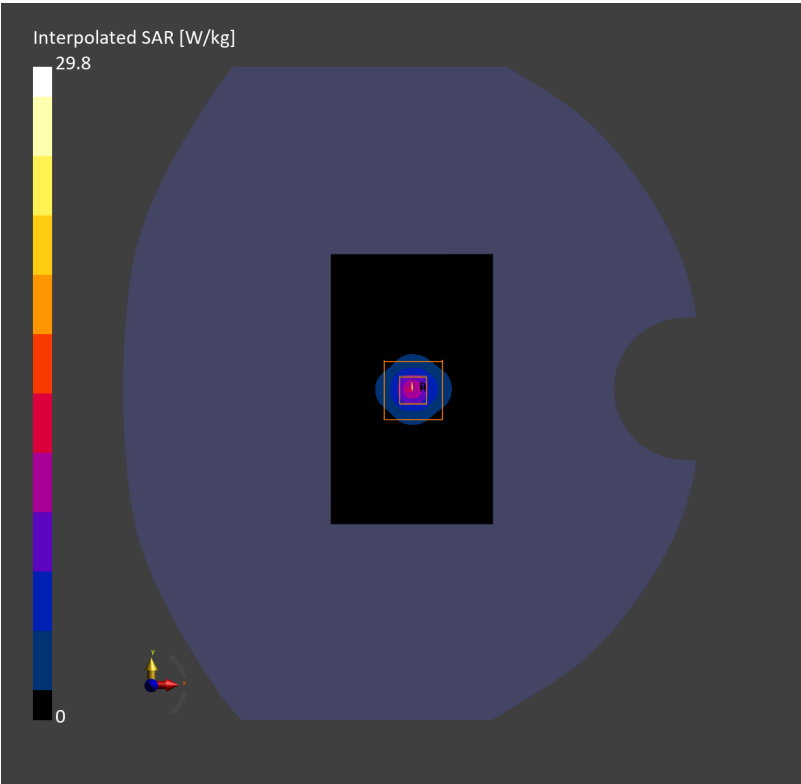
D5GHzV2-SN 1174

Communication System: D5GHz; Frequency: 5250.000
Medium: Head Simulating Liquid. Medium parameters used: $f= 5250.000$ MHz; $\sigma= 4.70$ S/m; $\epsilon_r = 36.8$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(5.60, 5.60, 5.60); Calibrated: 2024-07-17
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4 Sn1267; Calibrated: 2024-01-03
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
 - Measurement Software: cDASY8 V16.2.4.2524

Area Scan (60.0 mm x 90.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 7.45 W/kg; SAR (10g) = 2.13 W/kg;

Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 2.0 mm
Power Drift = 0.08 dB
SAR (1g) = 7.54 W/kg; SAR (10g) = 2.25 W/kg;



System Performance Check 5600MHz Head

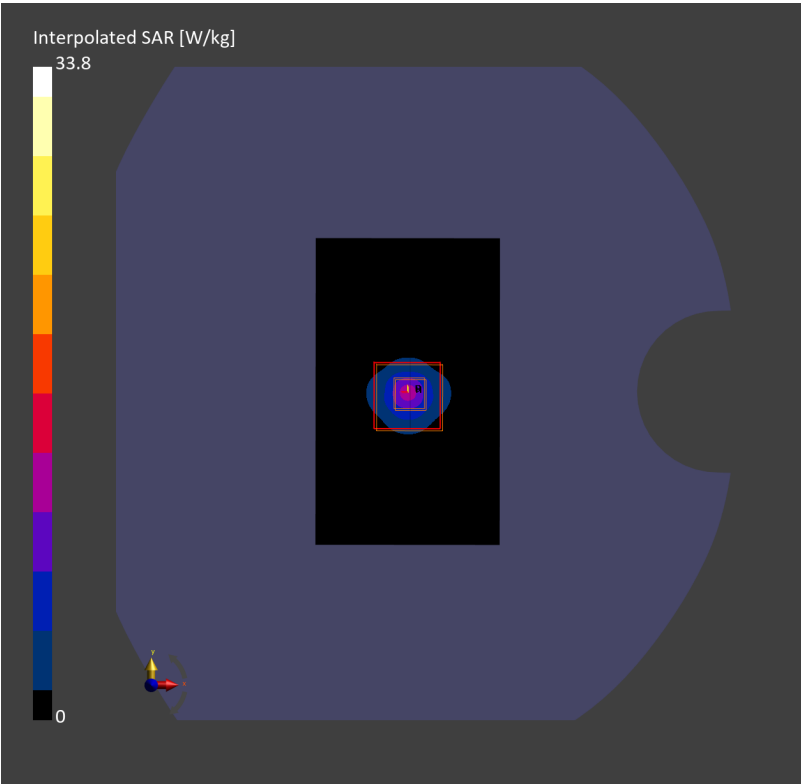
D5GHzV2-SN 1174

Communication System: D5GHz; Frequency: 5600.000
Medium: Head Simulating Liquid. Medium parameters used: $f= 5600.000$ MHz; $\sigma= 5.06$ S/m; $\epsilon_r = 35.8$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(5.02, 5.02, 5.02); Calibrated: 2024-07-17
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4 Sn1267; Calibrated: 2024-01-03
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
 - Measurement Software: cDASY8 V16.2.4.2524

Area Scan (60.0 mm x 90.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 7.82 W/kg; SAR (10g) = 2.28 W/kg;

Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 2.0 mm
Power Drift = 0.03 dB
SAR (1g) = 7.98 W/kg; SAR (10g) = 2.29 W/kg;



System Performance Check 5750MHz Head

D5GHzV2-SN 1174

Communication System: D5GHz; Frequency: 5750.000
Medium: Head Simulating Liquid. Medium parameters used: $f= 5750.000$ MHz; $\sigma= 5.23$ S/m; $\epsilon_r = 35.4$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(5.16, 5.16, 5.16); Calibrated: 2024-07-17
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4 Sn1267; Calibrated: 2024-01-03
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
 - Measurement Software: cDASY8 V16.2.4.2524

Area Scan (60.0 mm x 90.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 7.46 W/kg; SAR (10g) = 2.12 W/kg;

Zoom Scan (24.0 mm x 24.0 mm x 22.0 mm): Measurement Grid: 4.0 mm x 4.0 mm x 2.0 mm
Power Drift = -0.05 dB
SAR (1g) = 7.66 W/kg; SAR (10g) = 2.16 W/kg;

