

Appendix A

Detailed System Check Results

1. System Performance Check
System Performance Check 750 MHz Head
System Performance Check 1750 MHz Head
System Performance Check 1900 MHz Head

SGS-SAR LabDate: 2024-04-19

System Performance Check 750 MHz Head

D750V3-SN 1160

Communication System: D750; Frequency: 750.000

Medium: HSL. Medium parameters used: $f = 750.000$ MHz; $\sigma = 0.909$ S/m; $\epsilon_r = 43.5$

DASY8 Configuration:

- Probe: EX3DV4 - SN7636; ConvF(10.76, 10.76, 10.76); Calibrated: 2023-06-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2023-09-12
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2256
- Measurement Software: cDASY8 V16.2.4.2524

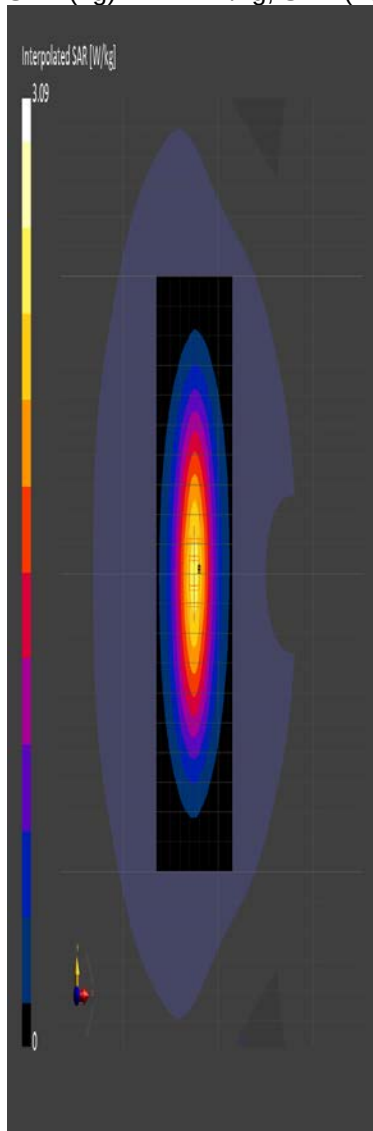
Area Scan (80.0 mm x 200.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 2.13 W/kg; SAR (10g) = 1.42 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = 0.00 dB

SAR (1g) = 2.11 W/kg; SAR (10g) = 1.39 W/kg;



SGS-SAR LabDate: 2024-04-20

System Performance Check 1750 MHz Head

D1750V2-SN 1149

Communication System: D1750; Frequency: 1750.000

Medium: HSL. Medium parameters used: $f = 1750.000$ MHz; $\sigma = 1.31$ S/m; $\epsilon_r = 40.3$

DASY8 Configuration:

- Probe: EX3DV4 - SN7636; ConvF(8.89, 8.89, 8.89); Calibrated: 2023-06-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2023-09-12
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2256
- Measurement Software: cDASY8 V16.2.4.2524

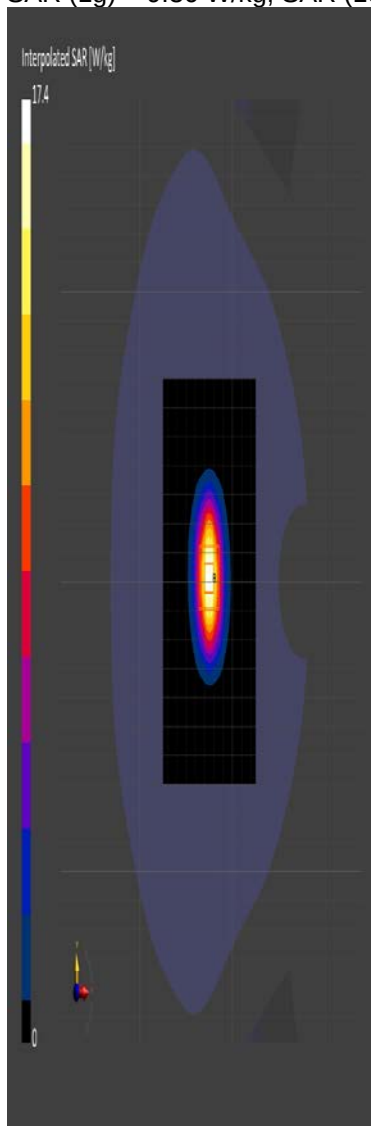
Area Scan (100.0 mm x 140.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 9.54 W/kg; SAR (10g) = 5.12 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = 0.01 dB

SAR (1g) = 9.36 W/kg; SAR (10g) = 4.95 W/kg;



SGS-SAR LabDate: 2024-04-20

System Performance Check 1900 MHz Head

D1900V2- SN

Communication System: D1900; Frequency: 1900.000

Medium: HSL. Medium parameters used: $f = 1900.000$ MHz; $\sigma = 1.38$ S/m; $\epsilon_r = 40.2$

DASY8 Configuration:

- Probe: EX3DV4 - SN7636; ConvF(8.63, 8.63, 8.63); Calibrated: 2023-06-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2023-09-12
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2256
- Measurement Software: cDASY8 V16.2.4.2524

Area Scan (80.0 mm x 160.0 mm): Measurement Grid: 15.0 mm x 15.0 mm

SAR (1g) = 10.58 W/kg; SAR (10g) = 5.52 W/kg;

Zoom Scan (32.0 mm x 32.0 mm x 30.0 mm): Measurement Grid: 8.0 mm x 8.0 mm x 5.0 mm

Power Drift = 0.00 dB

SAR (1g) = 10.16 W/kg; SAR (10g) = 5.28 W/kg;

