

Appendix D

Detailed System Check Results

1. System Performance Check
System Performance Check 1750 MHz Head
System Performance Check 1950 MHz Head
System Performance Check 2600 MHz Head



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SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Inspection & Testing Services Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.ssgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

System Performance Check 1750MHz Head

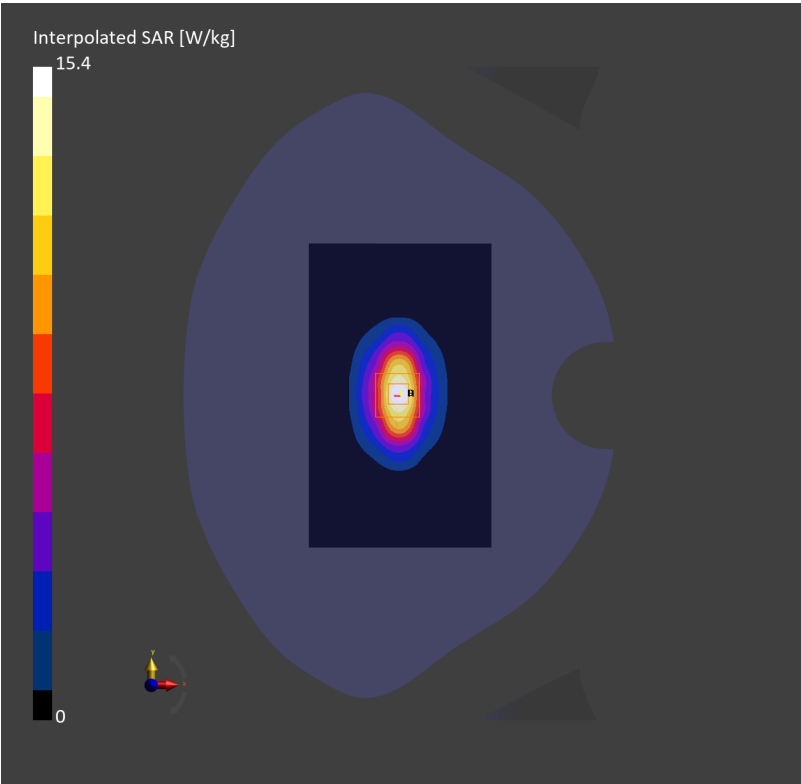
D1750V2-SN 1149

Communication System: D1750; Frequency: 1750.000
Medium: Head Simulating Liquid. Medium parameters used: $f=1750.000$ MHz; $\sigma=1.42$ S/m; $\epsilon_r=40.0$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(8.85, 8.85, 8.85); Calibrated: 2024-07-17
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (90.0 mm x 135.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 8.72 W/kg; SAR (10g) = 4.69 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 = -0.11 dB
SAR (1g) = 8.77 W/kg; SAR (10g) = 4.84 W/kg;



System Performance Check 1900MHz Head

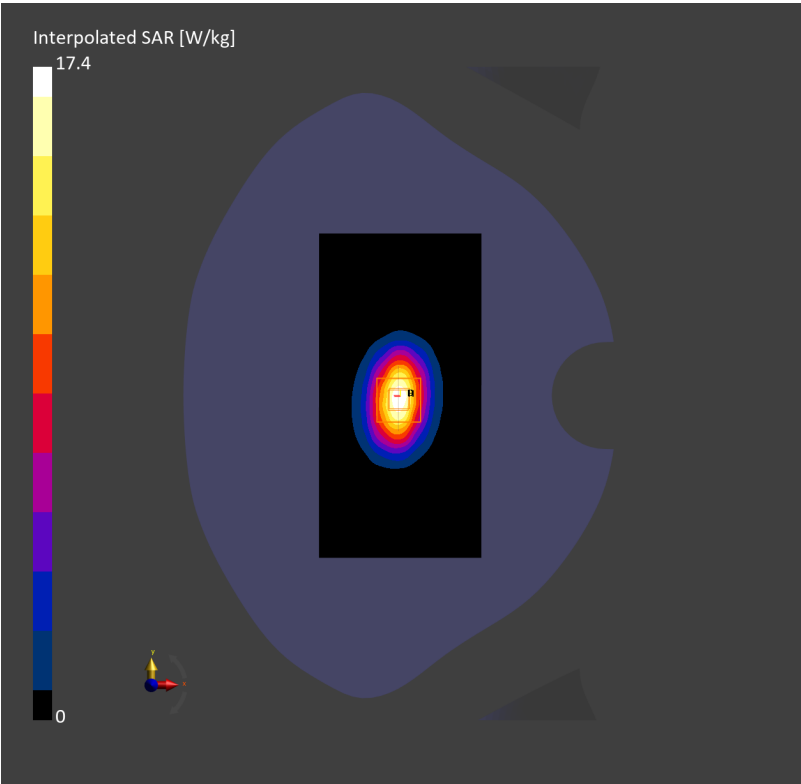
D1900V2-SN 5d028

Communication System: D1900; Frequency: 1900.000
Medium: Head Simulating Liquid. Medium parameters used: $f=1900.000$ MHz; $\sigma=1.42$ S/m; $\epsilon_r=39.7$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(8.51, 8.51, 8.51); Calibrated: 2024-07-17
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (75.0 mm x 150.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 9.75 W/kg; SAR (10g) = 5.01 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 = 0.03 dB
SAR (1g) = 9.65 W/kg; SAR (10g) = 5.04 W/kg;



System Performance Check 2600MHz Head

D2600V2-SN 1125

Communication System: D2600; Frequency: 2600.000
Medium: Head Simulating Liquid. Medium parameters used: $f= 2600.000$ MHz; $\sigma= 1.97$ S/m; $\epsilon_r = 39.8$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(7.77, 7.77, 7.77); Calibrated: 2024-07-17
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1803; Calibrated: 2024-08-08
 - Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (80.0 mm x 108.0 mm): Measurement Grid: 12.0 mm x 12.0 mm
SAR (1g) = 13.4 W/kg; SAR (10g) = 6.09 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 = -0.08 dB
SAR (1g) = 13.7 W/kg; SAR (10g) = 6.23 W/kg;

