

Appendix A

Detailed System Check Results

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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SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch, China (SAR) EEC 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.sgs.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 2450MHz Head

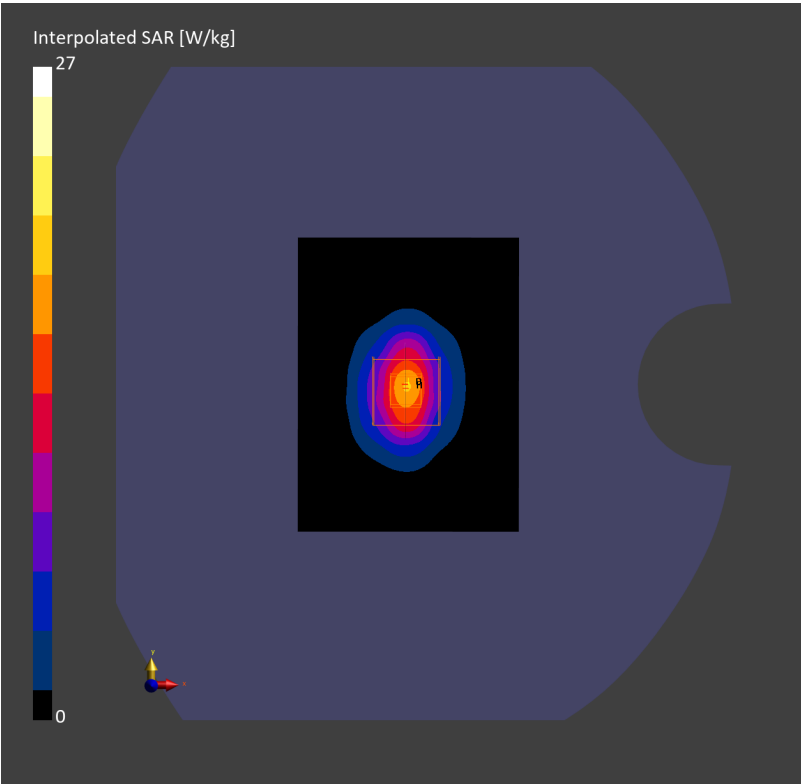
D2450V2-SN 922

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

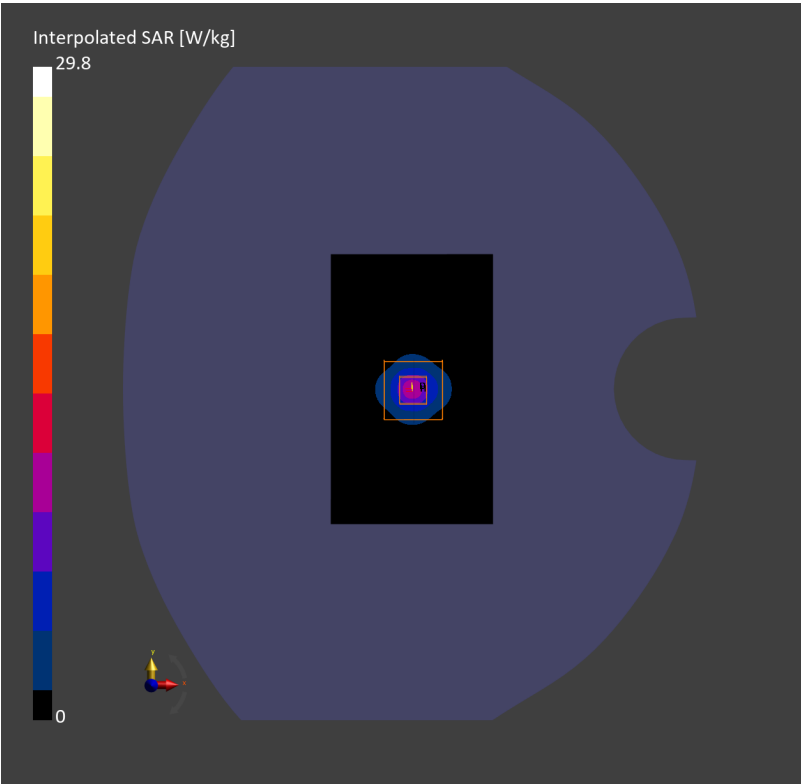
D5GHzV2-SN 1174

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

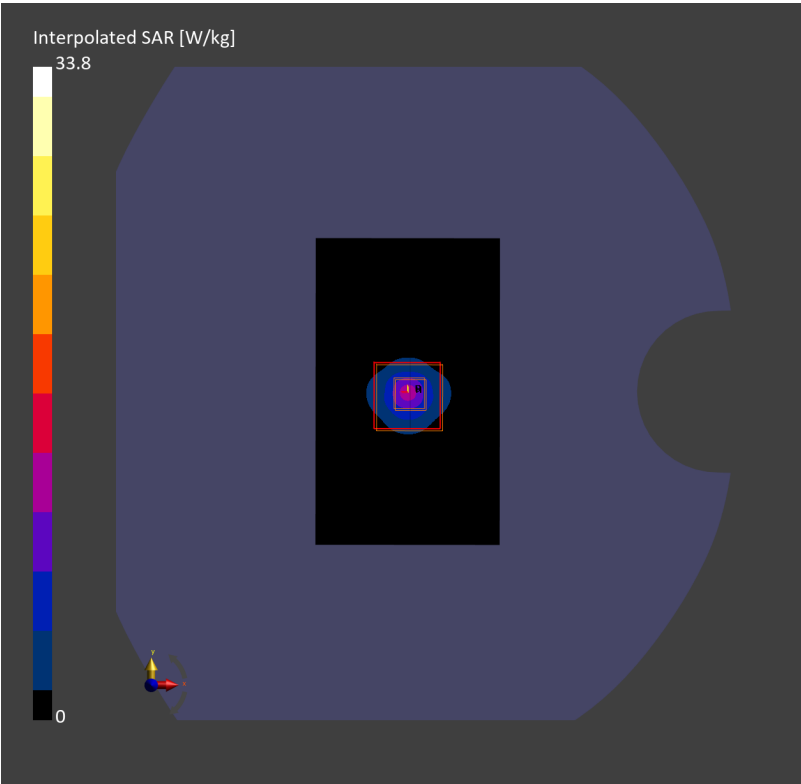
D5GHzV2-SN 1174

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;

