Part 2_Appendix D

Detailed System Check Results

1. System Performance Check
System Performance Check 750 MHz Head
System Performance Check 835 MHz Head
System Performance Check 1900 MHz Head
System Performance Check 2600 MHz Head

SGS-SAR Lab Date: 2024-08-07

System Performance Check 750MHz Head

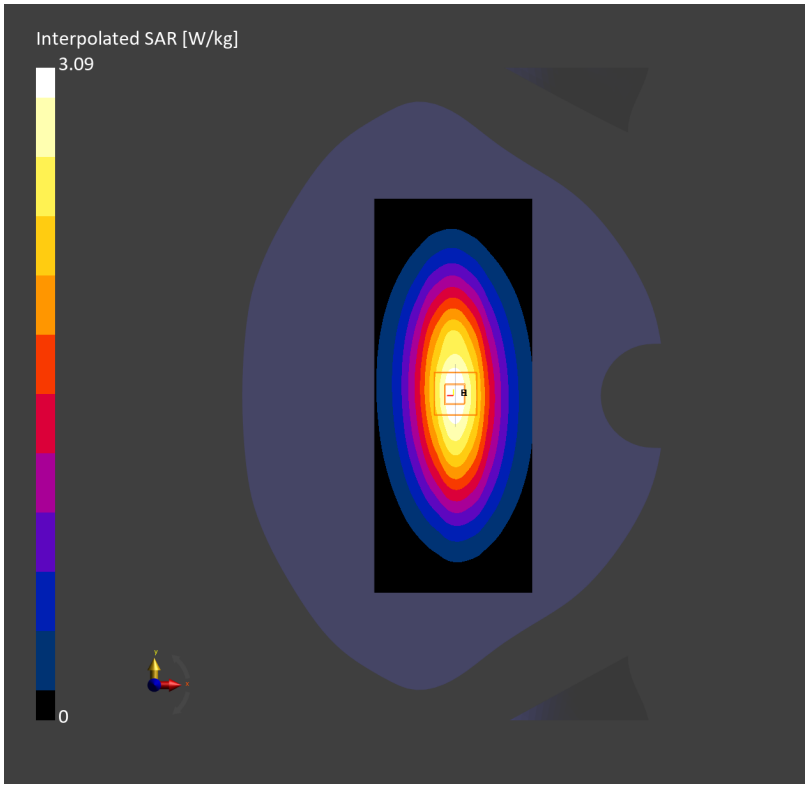
D750V3-SN 1160

Communication System: D750; Frequency: 750.000
Medium: Head Simulating Liquid. Medium parameters used: f= 750.000 MHz; σ= 0.896 S/m; ε_r = 43.3

DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(10.65, 10.65, 10.65); Calibrated: 2024-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2023-09-12
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.2.4.2524

Area Scan (75.0 mm x 195.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 2.21 W/kg; SAR (10g) = 1.47 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) = 2.14 W/kg; SAR (10g) = 1.42 W/kg;



SGS-SAR Lab Date: 2024-08-07

System Performance Check 835MHz Head

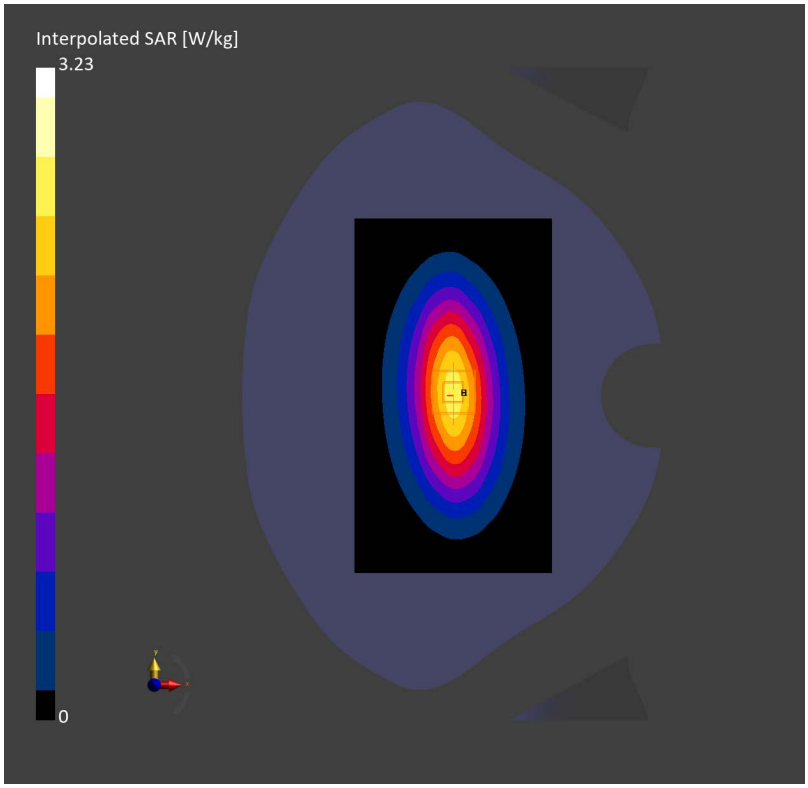
D835V2-SN 4d105

Communication System: D835; Frequency: 835.000
Medium: Head Simulating Liquid. Medium parameters used: f= 835.000 MHz; σ= 0.935 S/m; ε_r = 43.0

DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(10.36, 10.36, 10.36); Calibrated: 2024-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2023-09-12
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.2.4.2524

Area Scan (90.0 mm x 180.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 2.23 W/kg; SAR (10g) = 1.47 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) = 2.28 W/kg; SAR (10g) = 1.49 W/kg;



SGS-SAR Lab Date: 2024-08-09

System Performance Check 1900MHz Head

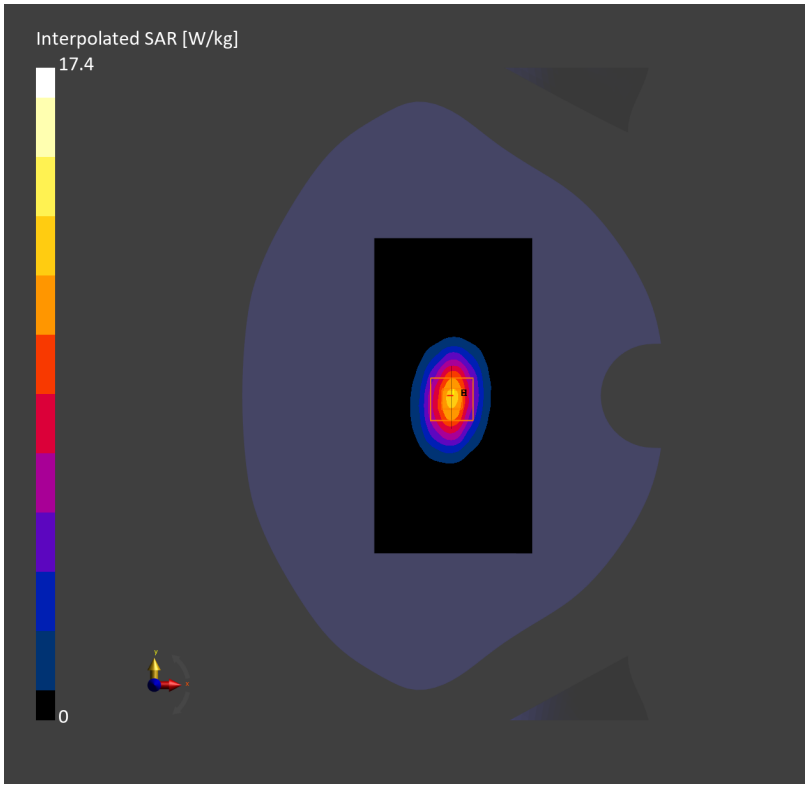
D1900V2- SN 5d028

Communication System: D1900; Frequency: 1900.000
Medium: Head Simulating Liquid. Medium parameters used: f= 1900.000 MHz; σ= 1.36 S/m; ε_r = 40.4

DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(8.51, 8.51, 8.51); Calibrated: 2024-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2023-09-12
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.2.4.2524

Area Scan (75.0 mm x 150.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 9.78 W/kg; SAR (10g) = 5.05 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 = 0.08 dB
SAR (1g) = 9.65 W/kg; SAR (10g) = 5.06 W/kg;



SGS-SAR Lab Date: 2024-08-10

System Performance Check 1900MHz Head-0810-GSM1900

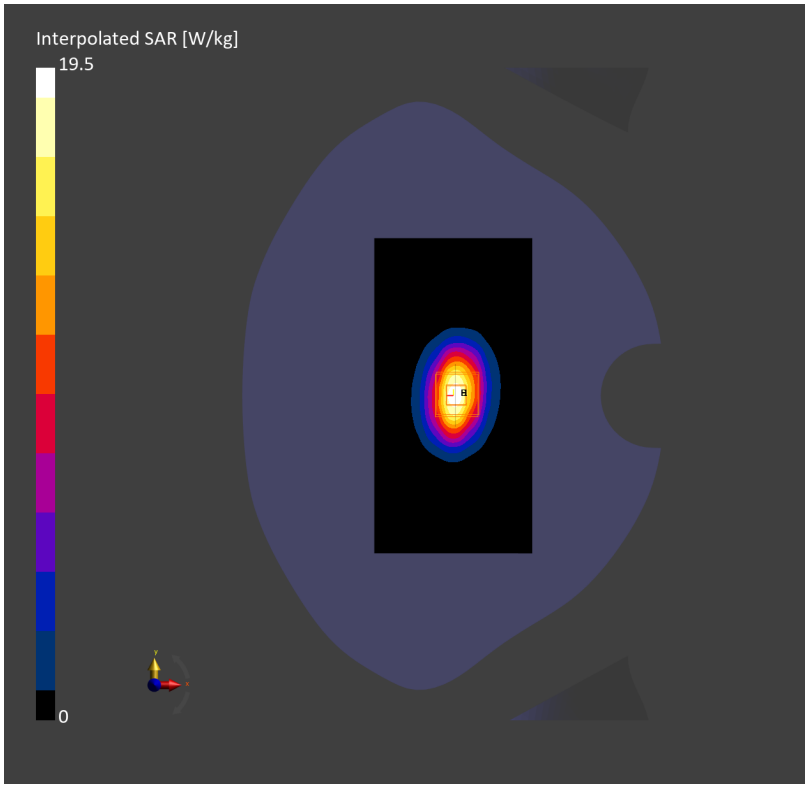
D1900V2- SN 5d028

Communication System: D1900; Frequency: 1900.000
Medium: Head Simulating Liquid. Medium parameters used: f= 1900.000 MHz; σ= 1.38 S/m; ε_r = 40.2

DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(8.51, 8.51, 8.51); Calibrated: 2024-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2023-09-12
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.2.4.2524

Area Scan (75.0 mm x 150.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 9.89 W/kg; SAR (10g) = 5.49 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 = -0.06 dB
SAR (1g) = 9.95 W/kg; SAR (10g) = 5.42 W/kg;



SGS-SAR Lab Date: 2024-08-08

System Performance Check 2600MHz Head

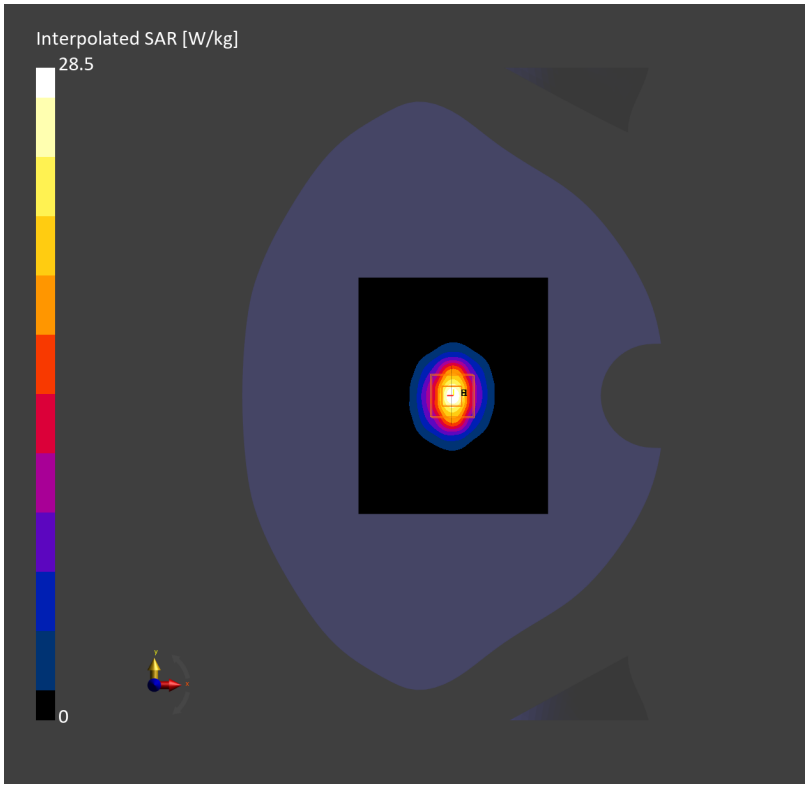
D2600V2-SN 1125

Communication System: D2600; Frequency: 2600.000
Medium: Head Simulating Liquid. Medium parameters used: f= 2600.000 MHz; σ= 1.98 S/m; ε_r = 39.9

DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(7.77, 7.77, 7.77); Calibrated: 2024-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2023-09-12
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.2.4.2524

Area Scan (80.0 mm x 108.0 mm): Measurement Grid: 12.0 mm x 12.0 mm
SAR (1g) = 14.3 W/kg; SAR (10g) = 6.36 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 = 0.03 dB
SAR (1g) = 14.3 W/kg; SAR (10g) = 6.49 W/kg;



SGS-SAR Lab Date: 2024-08-10

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; σ= 1.94 S/m; ε_r = 39.5

DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(7.77, 7.77, 7.77); Calibrated: 2024-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2023-09-12
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2156
- Measurement Software: cDASY8 V16.2.4.2524

Area Scan (80.0 mm x 108.0 mm): Measurement Grid: 12.0 mm x 12.0 mm
SAR (1g) = 14.4 W/kg; SAR (10g) = 6.48 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 = 0.12 dB
SAR (1g) = 14.5 W/kg; SAR (10g) = 6.65 W/kg;