Part 2_Appendix C

Detailed System Check Results

1. System Performance Check
System Performance Check 835 MHz Head
System Performance Check 3500 MHz Head
System Performance Check 3700 MHz Head

SGS-SAR LAb Date: 2023-11-07

System Performance Check 835 MHz Head

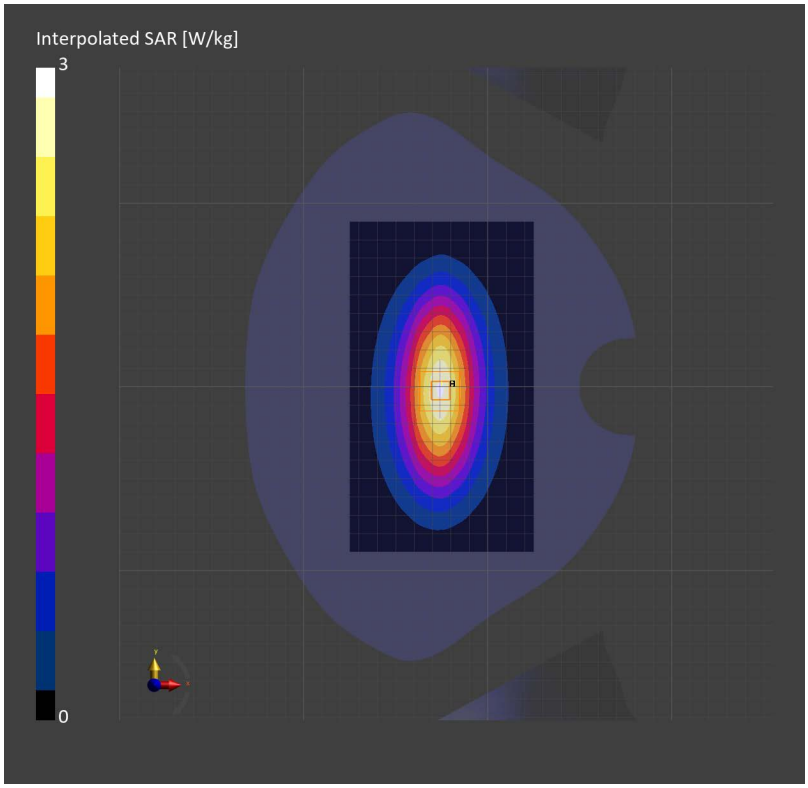
D835V2-SN 4d105

Communication System: D835; Frequency: 835.000
Medium: HSL. Medium parameters used: f= 835.000 MHz; σ= 0.936 S/m; ε_r = 42.3

DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(10.4, 10.4, 10.4); Calibrated: 2023-06-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2023-07-14
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- Measurement Software: cDASY8 V16.2.4.2524

Area Scan (100.0 mm x 180.0 mm): Measurement Grid: 10.0 mm x 10.0 mm
SAR (1g) = 2.40 W/kg; SAR (10g) = 1.58 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) = 2.46 W/kg; SAR (10g) = 1.60 W/kg;



SGS-SAR LAb Date: 2023-11-04

System Performance Check 3500 MHz Head

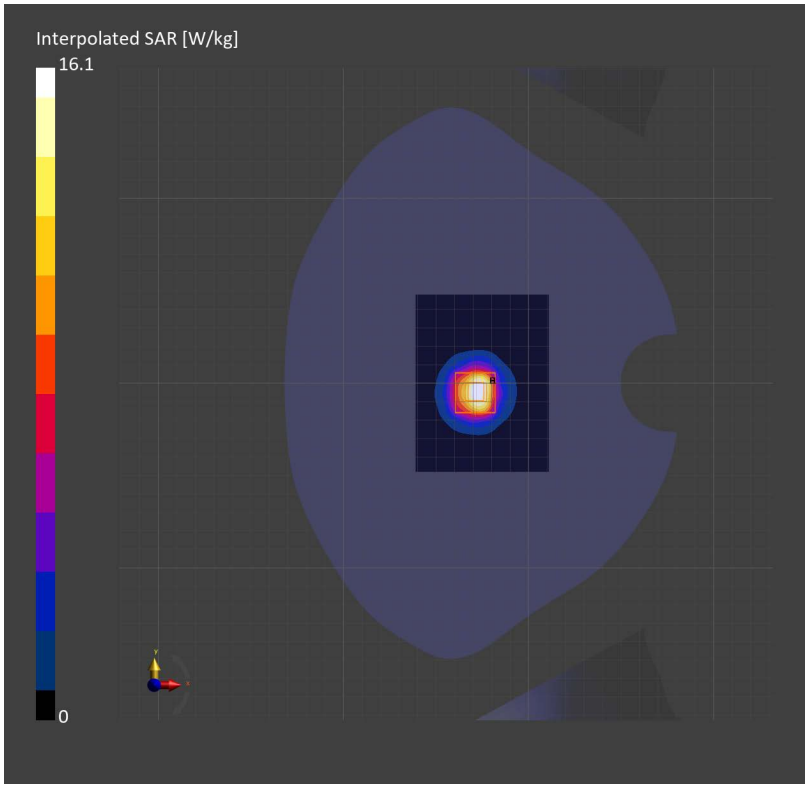
D3500V2-SN 1082

Communication System: D3500; Frequency: 3500.000
Medium: HSL. Medium parameters used: f= 3500.000 MHz; σ= 2.90 S/m; ε_r = 38.1

DASY8 Configuration:
- Probe: EX3DV4 - SN7636; ConvF(7.2, 7.2, 7.2); Calibrated: 2023-06-05
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2023-07-14
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- 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) = 7.19 W/kg; SAR (10g) = 2.97 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) = 6.54 W/kg; SAR (10g) = 2.50 W/kg;



SGS-SAR LAb Date: 2023-11-05

System Performance Check 3700 MHz Head

D3700V2-SN 1046

Communication System: D3700; Frequency: 3700.000
Medium: HSL. Medium parameters used: f= 3700.000 MHz; σ= 3.10 S/m; ε_r = 37.4

DASY8 Configuration:
- Probe: EX3DV4 - SN7821; ConvF(6.64, 6.87, 7.09); Calibrated: 2023-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1803; Calibrated: 2023-07-14
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2146
- 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) = 6.68 W/kg; SAR (10g) = 2.47 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 = -0.11 dB
SAR (1g) = 6.76 W/kg; SAR (10g) = 2.54 W/kg;