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 2600 MHz Head
System Performance Check 3500 MHz Head

Date: 2023-09-01

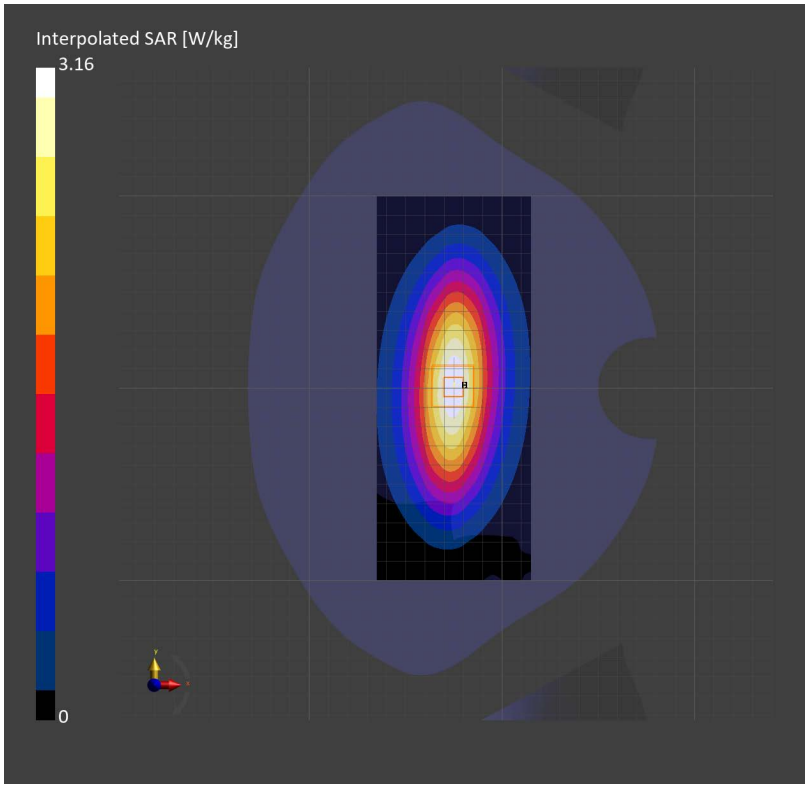
Measurement Report for Dipole, D750, CW, Channel 50 (750.000 MHz)

Communication System: D750; Frequency: 750.000
Medium: HSL. Medium parameters used: f= 750.000 MHz; σ= 0.885 S/m; ε_r = 42.712

DASY8 Configuration:
- Probe: EX3DV4 - SN7821; ConvF(9.08, 9.35, 9.65); 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 (80.0 mm x 200.0 mm): Measurement Grid: 15.0 mm x 15.0 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 = 0.00 dB
SAR (1g) = 2.20 W/kg; SAR (10g) = 1.48 W/kg;



Date: 2023-09-01

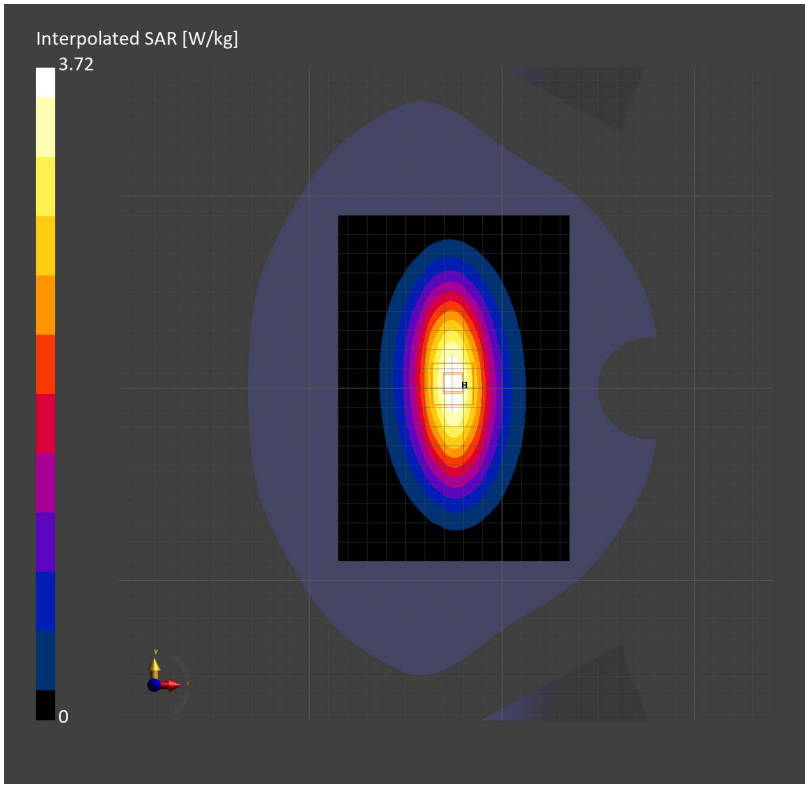
Measurement Report for Dipole, D835, CW, Channel 50 (835.000 MHz)

Communication System: D835; Frequency: 835.000
Medium: HSL. Medium parameters used: f= 835.000 MHz; σ= 0.914 S/m; ε_r = 42.612

DASY8 Configuration:
- Probe: EX3DV4 - SN7821; ConvF(8.78, 9.28, 9.61); 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 (120.0 mm x 180.0 mm): Measurement Grid: 15.0 mm x 15.0 mm
SAR (1g) = 2.47 W/kg; SAR (10g) = 1.62 W/kg;

Zoom Scan (30.0 mm x 30.0 mm x 30.0 mm): Measurement Grid: 6.0 mm x 6.0 mm x 1.5 mm
Power Drift = 0.01 dB
SAR (1g) = 2.47 W/kg; SAR (10g) = 1.62 W/kg;



Date: 2023-09-03

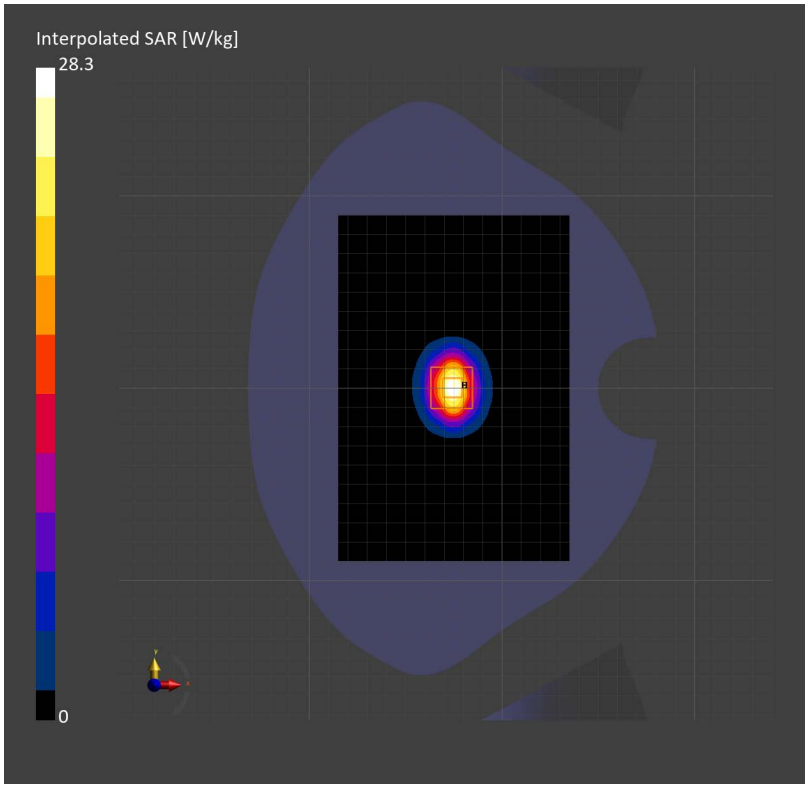
Measurement Report for Dipole, D2600, CW, Channel 50 (2600.000 MHz)

Communication System: D2600; Frequency: 2600.000
Medium: HSL. Medium parameters used: f= 2600.000 MHz; σ= 1.94 S/m; ε_r = 40.7

DASY8 Configuration:
- Probe: EX3DV4 - SN7821; ConvF(6.93, 7.18, 7.42); 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 (120.0 mm x 180.0 mm): Measurement Grid: 12.0 mm x 12.0 mm
SAR (1g) = 14.0 W/kg; SAR (10g) = 6.29 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 = 0.00 dB
SAR (1g) = 13.8 W/kg; SAR (10g) = 6.33 W/kg;



Date: 2023-09-03

Measurement Report for Dipole, D3500, CW, Channel 50 (3500.000 MHz)

Communication System: D3500; Frequency: 3500.000
Medium: HSL. Medium parameters used: f= 3500.000 MHz; σ= 2.811 S/m; ε_r = 39.212

DASY8 Configuration:
- Probe: EX3DV4 - SN7821; ConvF(6.69, 6.93, 7.15); 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) = 6.18 W/kg; SAR (10g) = 2.34 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 = -0.00 dB
SAR (1g) = 6.21 W/kg; SAR (10g) = 2.38 W/kg;