

Appendix A

Detailed System Check Results

1. System Performance Check

System Performance Check 5750 MHz Head
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System Performance Check 5750 MHz Head**D5GHzV2-SN 1165**

Communication System: D5GHz; Frequency: 5750.000

Medium: HSL. Medium parameters used: $f = 5750.000$ MHz; $\sigma = 5.18$ S/m; $\epsilon_r = 35.6$

DASY8 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(4.6, 4.77, 4.91); Calibrated: 2023-07-17
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1830; Calibrated: 2023-09-12
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2256
- Measurement Software: cDASY8 V16.2.4.2524

Area Scan (60.0 mm x 100.0 mm): Measurement Grid: 10.0 mm x 10.0 mm

SAR (1g) = 6.68 W/kg; SAR (10g) = 1.90 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 1.4 mm

Power Drift = 0.06 dB

SAR (1g) = 7.38 W/kg; SAR (10g) = 2.12 W/kg;

