



SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

Report No.: SUCR250300023701

Rev.: 01

Appendix A

Detailed System Check Results

1. System Performance Check
System Performance Check 13MHz Head

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System Performance Check 13MHz

Communication System: Custom Band; Frequency: 13.000
Medium: HSL. Medium parameters used: $f=13.000\text{ MHz}$; $\sigma=0.761\text{ S/m}$; $\epsilon_r=56.2$

- DASY8 Configuration:
- Probe: EX3DV4 - SN7735; ConvF(13.68, 13.51, 13.73); Calibrated: 2025-01-29
 - Sensor-Surface: 1.4 mm
 - Electronics: DAE4ip Sn1826; Calibrated: 2025-02-17
 - Phantom: ELI V8.0 (20deg probe tilt); Serial: 2217
 - Measurement Software: cDASY8 V16.4.0.5005

Area Scan (80.0 mm x 100.0 mm): Measurement Grid: 10.0 mm x 15.0 mm
SAR (1g) = 0.113 W/kg; SAR (10g) = 0.097 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 = 0.03 dB
SAR (1g) = 0.109 W/kg; SAR (10g) = 0.069 W/kg;
M2/M1 [%] 68.9
Dist 3dB Peak [mm] 18.0

