



Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-02-A01 Rev. A/0

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Page: 1 of 2

Appendix A

Detailed System Check Results

1. System Performance Check

System Performance Check 2450 MHz Head



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Member of the SGS Group (SGS SA)

Test Laboratory: SGS-SAR Lab

System Performance Check 2450MHz Head

Communication System: UID 0, CW; Frequency: 2450 MHz;Duty Cycle: 1:1

Medium: HSL;Medium parameters used: $f = 2450 \text{ MHz}$; $\sigma = 1.816 \text{ S/m}$; $\epsilon_r = 38.623$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3836; ConvF(7.24, 7.24, 7.24); Calibrated: 2025/12/19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn867; Calibrated: 2026/2/2
- Phantom: SAM 5; Type: SAM; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Body/d=10mm, Pin=250mW/Area Scan (6x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 21.2 W/kg

Body/d=10mm, Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 86.79 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 28.0 W/kg

SAR(1 g) = 13.9 W/kg; SAR(10 g) = 6.37 W/kg

Smallest distance from peaks to all points 3 dB below = 8.9 mm

Ratio of SAR at M2 to SAR at M1 = 49.5%

Maximum value of SAR (measured) = 22.9 W/kg

