

Appendix B

Detailed Test Results

1. SRD

2.4G SRD



Test Laboratory: SGS-SAR Lab

2.4G SRD 1M 2480MHz Front side 0mm

DUT: Amelia T3 V3; Type: Wireless charging case; Serial: M12547D43700654

Communication System: UID 0, SDR 2.4G (0); Frequency: 2480 MHz;Duty Cycle: 1:1.156

Medium: HSL;Medium parameters used: $f = 2480 \text{ MHz}$; $\sigma = 1.827 \text{ S/m}$; $\epsilon_r = 38.491$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7821; ConvF(7.4, 7.4, 7.4); Calibrated: 2025/10/14
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn760; Calibrated: 2025/8/29
- Phantom: SAM5; Type: SAM Twin; Serial: 1673
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Scan/Area Scan (8x9x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
Maximum value of SAR (measured) = 0.740 W/kg

Configuration/Scan/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 15.33 V/m ; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 0.533 W/kg ; SAR(10 g) = 0.223 W/kg
Smallest distance from peaks to all points 3 dB below = 5.4 mm
Ratio of SAR at M2 to SAR at M1 = 45.7%
Maximum value of SAR (measured) = 0.945 W/kg

