

Appendix B

Highest Test Plots

Table of Contents

1. 2.4G Body-worn 0mm SAR 3

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Date: 23.03.2026

Test Laboratory: Guangdong Dongdian Testing Service Co., Ltd.

11B 2437 Q26031615

Serial: S26031615

Communication System: UID 0, 2.4G wifi (0); Communication System Band: 11g; Frequency: 2437 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005
Medium parameters used (interpolated): $f = 2437\text{ MHz}$; $\sigma = 1.702\text{ S/m}$; $\epsilon_r = 38.033$; $\rho = 1000\text{ kg/m}^3$
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3906; ConvF(7.9, 7.9, 7.9) @ 2437 MHz; Calibrated: 28.05.2025
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1366; Calibrated: 28.05.2025
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1197
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Configuration/Top side 11B ANT1 2437 MHz 5mm 13/Area Scan (9x9x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.22 W/kg

Configuration/Top side 11B ANT1 2437 MHz 5mm 13/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.914 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.90 W/kg

SAR(1 g) = 0.705 W/kg; SAR(10 g) = 0.264 W/kg

Smallest distance from peaks to all points 3 dB below = 5.8 mm

Ratio of SAR at M2 to SAR at M1 = 39.7%

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 1.42 W/kg

