

Appendix B

Highest Test Plots

Table of Contents

1. 2.4G Body-worn 0mm SAR 3

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Date: 26.06.2025

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

Q25042811-2E

Serial: S25042811-007

Communication System: UID 0, Bluetooth (0); Communication System Band: BLE; Frequency: 2478 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005
 Medium parameters used (interpolated): $f = 2478$ MHz; $\sigma = 1.845$ S/m; $\epsilon_r = 39.234$; $\rho = 1000$ kg/m³

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) @ 2478 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/Bottom side SRD 2M 2478 MHz/Area Scan (6x9x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.255 W/kg

Configuration/Bottom side SRD 2M 2478 MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 9.338 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.341 W/kg

SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.070 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 49.1%

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.276 W/kg

