

Appendix B

Highest Test Plots

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1. 2.4G Body-worn 0mm SAR 3

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Date: 16.01.2025

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

Q24122304-1E

Serial: S:24122304-016

Communication System: UID 0, Bluetooth (0); Communication System Band: BLE; Frequency: 2402 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005

Medium parameters used (interpolated): $f = 2440$ MHz; $\sigma = 1.674$ S/m; $\epsilon_r = 40.292$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3906; ConvF(7.95, 7.95, 7.95) @ 2402 MHz; Calibrated: 29.04.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1366; Calibrated: 29.04.2024
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1197
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Configuration/Left side SRD 2440/Area Scan (6x11x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0898 W/kg

Configuration/Left side SRD 2440/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 5.170 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.137 W/kg

SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.027 W/kg

Smallest distance from peaks to all points 3 dB below = 7.3 mm

Ratio of SAR at M2 to SAR at M1 = 43.6%

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.109 W/kg

