

Appendix B

Highest Test Plots



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1. 2.4G Body-worn 0mm SAR 3

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Date: 24.04.2025

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

Q25031421-2E

Serial: S25031421-030

Communication System: UID 0, Bluetooth (0); Communication System Band: Bluetooth; Frequency: 2441 MHz;Communication System PAR: 0 dB; PMF: 1.12202e-005

Medium parameters used (interpolated): f = 2441 MHz; $\sigma = 1.772 \text{ S/m}$; $\epsilon_r = 38.509$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3906; ComF(7.95, 7.95, 7.95) @ 2441 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/Right side DH5 2441MHz/Area Scan (8x19x1): Measurement grid: dx=10mm, dy=10mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.345 W/kg

Configuration/Right side DH5 2441MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.613 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.768 W/kg

SAR(1 g) = 0.258 W/kg; SAR(10 g) = 0.102 W/kg

Smallest distance from peaks to all points 3 dB below = 7.4 mm

Ratio of SAR at M2 to SAR at M1 = 41.6%

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.477 W/kg

