

Appendix B

Highest Test Plots

Table of Contents

1. 2.4G Head-worn 0mm SAR 3

1. 2.4G Head-worn 0mm SAR

Date: 12.06.2025

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

Q25042425-1E

Serial: S25042425-017

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; $\sigma = 1.804$ S/m; $\epsilon_r = 40.81$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3906; ComF(7.9, 7.9, 7.9) @ 2441 MHz; Calibrated: 29.05.2025
- 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 2DHS 2441 MHz/Area Scan (6x11x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.298 W/kg

Configuration/Top side 2DHS 2441 MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 3.854 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.495 W/kg
SAR(1 g) = 0.139 W/kg; SAR(10 g) = 0.049 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 47.1%

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.347 W/kg

