

# Appendix B

## Highest Test Plots

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## 1. 2.4G Head-worn 0mm SAR

Date: 11.04.2025

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

Q25041409-2E

Serial: S25041409-002

Communication System: UID 0, Bluetooth (0); Communication System Band: Bluetooth; Frequency: 2480 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005

Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.844$  S/m;  $\epsilon_r = 40.176$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3906; ComF(7.95, 7.95, 7.95) @ 2480 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/Top side 3DH5 2480MHz/Area Scan (5x9x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm  
Maximum value of SAR (measured) = 0.241 W/kg

**Configuration/Top side 3DH5 2480MHz/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm  
Reference Value = 6.402 V/m; Power Drift = 0.18 dB  
Peak SAR (extrapolated) = 0.339 W/kg  
**SAR(1 g) = 0.095 W/kg; SAR(10 g) = 0.031 W/kg**  
Smallest distance from peaks to all points 3 dB below = 9.6 mm  
Ratio of SAR at M2 to SAR at M1 = 48.6%  
Maximum value of SAR (measured) = 0.235 W/kg

