

Appendix B

Highest Test Plots



Table of Contents

1. BT Head-worn 0mm SAR 3

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Date: 06.03.2025

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

Q24112510-1E

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: $f = 2480 \text{ MHz}$; $\sigma = 1.791 \text{ S/m}$; $\epsilon_r = 39.52$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3906; ConvF(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/R Left 3DH5 2480/Area Scan (8x8x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.0271 W/kg

Configuration/R Left 3DH5 2480/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.368 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.0600 W/kg

SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.00409 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid ($> 15 \text{ mm}$)

Ratio of SAR at M2 to SAR at M1 = 37.9%

Maximum value of SAR (measured) = 0.0256 W/kg

