

# Appendix B

## Highest Test Plots

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1. 2.4G Body-worn 0mm SAR

Date: 14.03.2025

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

Q24112111-1E

Serial: S24112111-015

Communication System: UID 0, Bluetooth (0); Communication System Band: Bluetooth; Frequency: 2440 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005

Medium parameters used:  $f = 2440 \text{ MHz}$ ;  $\sigma = 1.745 \text{ S/m}$ ;  $\epsilon_r = 39.87$ ;  $\rho = 1000 \text{ kg/m}^3$

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) @ 2440 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/Antenna BLE1M 2440/Area Scan (23x33x1); Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.0878 W/kg

Configuration/Antenna BLE1M 2440/Zoom Scan (7x7x7)/Cube 0; Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$

Reference Value = 0 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.105 W/kg

SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.029 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 55.1%

Maximum value of SAR (measured) = 0.0873 W/kg

