

# Appendix B

## Highest Test Plots

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1. 2.4G Body-worn 0mm SAR

Date: 20.10.2025

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

Q25091711-1E

Serial: S25091711-028

Communication System: UID 0, Bluetooth (0); Communication System Band: BLE; Frequency: 2440 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005  
Medium parameters used:  $f = 2440 \text{ MHz}$ ;  $\sigma = 1.813 \text{ S/m}$ ;  $\epsilon_r = 39.066$ ;  $\rho = 1000 \text{ kg/m}^3$   
Phantom section: Flat Section  
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3906; ConvF(7.9, 7.9, 7.9) @ 2440 MHz; Calibrated: 28.05.2025
- 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/Left side BLE 1M 2440/Area Scan (9x13x1): Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$   
Maximum value of SAR (measured) = 0.319 W/kg

Configuration/Left side BLE 1M 2440/Zoom Scan (7x7x7)/Cube 0: Measurement grid:  $dx=5\text{mm}$ ,  $dy=5\text{mm}$ ,  $dz=5\text{mm}$   
Reference Value = 6.891 V/m; Power Drift = 0.17 dB  
Peak SAR (extrapolated) = 0.433 W/kg  
SAR(1 g) = 0.182 W/kg; SAR(10 g) = 0.074 W/kg  
Smallest distance from peaks to all points 3 dB below = 5.4 mm  
Ratio of SAR at M2 to SAR at M1 = 47.2%  
Maximum value of SAR (measured) = 0.321 W/kg

