

Appendix B

Highest Test Plots

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Date: 02.01.2025

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

Q24121828-1E

Serial: S24121828-002

Communication System: UID 0, Bluetooth (0); Communication System Band: Bluetooth; Frequency: 2478 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005

Medium parameters used (interpolated): $f = 2478\text{ MHz}$, $\sigma = 1.774\text{ S/m}$, $\epsilon_r = 39.955$, $\rho = 1000\text{ kg/m}^3$

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3906; ComF(7.95, 7.95, 7.95) @ 2478 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/Left side BLE 2M 2478/Area Scan (10x11x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.00747 W/kg

Configuration/Left side BLE 2M 2478/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 0.9100 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.00814 W/kg

SAR(1 g) = 0.00457 W/kg; SAR(10 g) = 0.00351 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 = 45.2%

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.00693 W/kg

