

Appendix B

Highest Test Plots

Table of Contents

1. 2.4G Head-worn 0mm SAR..... 3

1. 2.4G Head-worn 0mm SAR

Date: 12.06.2025

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

Q25050922-1E

Serial: S25050922-011

Communication System: UID 0, Bluetooth (0); Communication System Band: BLE; Frequency: 2478 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005
 Medium parameters used (interpolated): $f = 2478$ MHz; $\sigma = 1.841$ S/m; $\epsilon_r = 40.808$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3906; ConvF(7.9, 7.9, 7.9) @ 2478 MHz; Calibrated: 29.05.2025
- 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
- DASYS2 52.10.4(1535); SEMCAD X 14.6.14(7501)

Configuration/L left side BLE2M 2478 MHz/Area Scan (7x9x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Info: Interpolated medium parameters used for SAR evaluation.
 Maximum value of SAR (measured) = 0.132 W/kg

Configuration/L left side BLE2M 2478 MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 7.870 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.253 W/kg

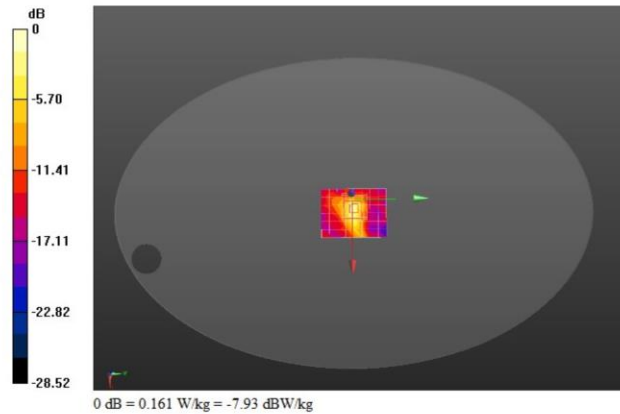
SAR(1 g) = 0.083 W/kg; SAR(10 g) = 0.031 W/kg

Smallest distance from peaks to all points 3 dB below = 5.5 mm

Ratio of SAR at M2 to SAR at M1 = 32.7%

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.161 W/kg



Date: 12.06.2025

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

Q25050922-1E

Serial: S25050922-011

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: $f = 2440$ MHz; $\sigma = 1.803$ S/m; $\epsilon_r = 40.811$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3906; ConvF(7.9, 7.9, 7.9) @ 2440 MHz; Calibrated: 29.05.2025
- 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
- DASYS2 52.10.4(1535); SEMCAD X 14.6.14(7501)

Configuration/R left side BLE2M 2440 MHz/Area Scan (7x9x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.137 W/kg

Configuration/R left side BLE2M 2440 MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.339 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.288 W/kg

SAR(1 g) = 0.084 W/kg; SAR(10 g) = 0.029 W/kg

Smallest distance from peaks to all points 3 dB below = 6.1 mm

Ratio of SAR at M2 to SAR at M1 = 32.3%

Maximum value of SAR (measured) = 0.205 W/kg

