

Appendix B

Highest Test Plots

Table of Contents

1. BT Head-worn 0mm SAR 3

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Date: 25.07.2024

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

Q24071002-1E

DUT: Wireless Over-ear Headphones with Active Noise Cancellation;Model Number:EDF200174; Serial: S24071002-004

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: $f = 2440\text{ MHz}$; $\sigma = 1.802\text{ S/m}$; $\epsilon_r = 39.683$; $\rho = 1000\text{ kg/m}^3$

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); 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 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Top side BLE 2440/Area Scan (11x11x1): Measurement grid $dx=10\text{mm}$, $dy=10\text{mm}$
Maximum value of SAR (measured) = 0.00904 W/kg

Configuration/Top side BLE 2440/Zoom Scan (7x7x7)/Cube 0: Measurement grid $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 0.3610 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.0180 W/kg
SAR(1 g) = 0.00526 W/kg; SAR(10 g) = 0.00122 W/kg
Maximum value of SAR (measured) = 0.0115 W/kg

