

Appendix B

Highest Test Plots

Table of Contents

1. BT Head-worn 0mm SAR 3

1. BT Head-worn 0mm SAR

Date: 07.04.2024

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

Q24031327-1E

DUT: LIBRATONE UP BLUETOOTH EARPHONES; Model Number: LTO600; Serial: S24031327-007

Communication System: UID 0, Bluetooth (0); Communication System Band: Bluetooth; Frequency: 2480 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005

Medium parameters used: $f = 2480$ MHz; $\sigma = 1.802$ S/m; $\epsilon_r = 38.464$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3906; ConvF(8, 8, 8); Calibrated: 21.04.2023;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1366; Calibrated: 10.04.2023
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1197
- DASYS2 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Top side 2DHS 2480/Area Scan (7x8x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.189 W/kg

Configuration/Top side 2DHS 2480/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 9.693 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.350 W/kg

SAR(1 g) = 0.102 W/kg; SAR(10 g) = 0.035 W/kg

Maximum value of SAR (measured) = 0.225 W/kg

