

Appendix B

Highest Test Plots

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1. BT Head-worn 0mm SAR 3

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Date: 24.01.2024

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

Q23122910-2E

DUT: Wireless Headphones; Model Number: ATH-S300BT; Serial: S23122910-07

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; $\sigma = 1.841$ S/m; $\epsilon_r = 39.024$; $\rho = 1000$ 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/left side 3DH5 2480/Area Scan (13x18x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.0787 W/kg

Configuration/left side 3DH5 2480/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 4.697 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.124 W/kg

SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.027 W/kg

Maximum value of SAR (measured) = 0.0953 W/kg

