

Appendix B

Highest Test Plots



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1. BT Head-worn 0mm SAR 3

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Date: 05.01.2024

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

DUT: Guitar Headphone Amplifier; Model Number: MUSTANG MICRO PLUS

Communication System: UID 0, Bluetooth (0); Communication System Band: Bluetooth; Frequency: 2441 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005

Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.811$ S/m; $\epsilon_r = 40.938$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3906; ConvF(8, 8); 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/Front side 3DH5 2441/Area Scan (7x11x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0103 W/kg

Configuration/Front side 3DH5 2441/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.155 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.0170 W/kg

SAR(1 g) = 0.00608 W/kg; SAR(10 g) = 0.00409 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0111 W/kg

