

Appendix B

Highest Test Plots

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1. BT Head-worn 0mm SAR 3

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Date: 09.08.2024

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

Q24052920-1E

DUT:HEADPHONES; Model Number:YH-L500A; Serial: S24052920-01

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; $\sigma = 1.845 \text{ S/m}$; $\epsilon_r = 39.244$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3906; ComF(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 3DHS 2480/Area Scan (9x12x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0184 W/kg

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

Reference Value = 2.757 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.0270 W/kg

SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.00499 W/kg

Maximum value of SAR (measured) = 0.0191 W/kg

