

Appendix B

Highest Test Plots

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1. BT Head-worn 0mm SAR 3

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Date: 17.05.2024

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

Q24031401-1E

DUT: JLAB True Wireless Earbuds; Model Number: JBuds Sport ANC 4; Serial: S24031401-002

Communication System: UID 0, Bluetooth (0); Communication System Band: BLE; Frequency: 2402 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005
Medium parameters used (interpolated): $f = 2402\text{ MHz}$; $\sigma = 1.832\text{ S/m}$; $\epsilon_r = 38.913$; $\rho = 1000\text{ kg/m}^3$
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

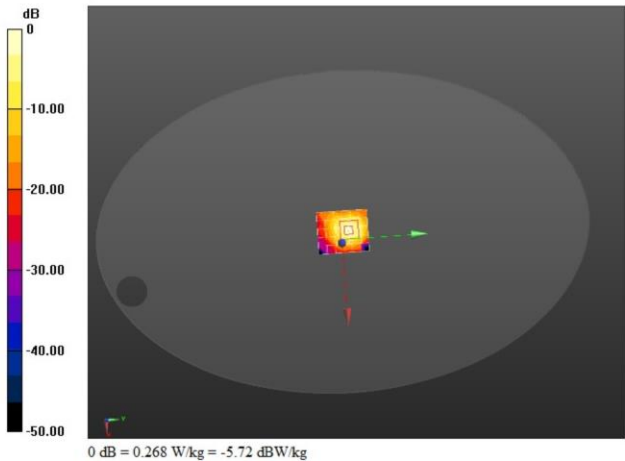
- Probe: EX3DV4 - SN3906; ConvF(7.95, 7.95, 7.95); Calibrated: 29.04.2024;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1366; Calibrated: 29.04.2024
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1197
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/L Front side BLE 1M 2402/Area Scan (6x7x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.200 W/kg

Configuration/L Front side BLE 1M 2402/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 9.544 V/m ; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.351 W/kg
SAR(1 g) = 0.134 W/kg ; SAR(10 g) = 0.052 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.268 W/kg



Date: 17.05.2024

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

Q24031401-1E

DUT: JLAB True Wireless Earbuds; Model Number:JBuds Sport ANC 4; Serial: S24031401-002

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: $f = 2440 \text{ MHz}$; $\sigma = 1.859 \text{ S/m}$; $\epsilon_r = 38.802$; $\rho = 1000 \text{ kg/m}^3$
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/R Front side BLE 1M 2440/Area Scan (6x7x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
Maximum value of SAR (measured) = 0.206 W/kg

Configuration/R Front side BLE 1M 2440/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 9.869 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.297 W/kg
SAR(1 g) = 0.135 W/kg; SAR(10 g) = 0.057 W/kg
Maximum value of SAR (measured) = 0.225 W/kg

