

Appendix B

Highest Test Plots

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1. BT Head-worn 0mm SAR 3

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Date: 08.04.2024

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

Q24032904-2E

DUT: True Wireless Earphones; Model Number: AMIRON 100; Serial: S24032904-002

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: $f = 2480 \text{ MHz}$; $\sigma = 1.802 \text{ S/m}$; $\epsilon_r = 38.464$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3906; ComF(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
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/R Top side DH5 2480/Area Scan (7x7x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.254 W/kg

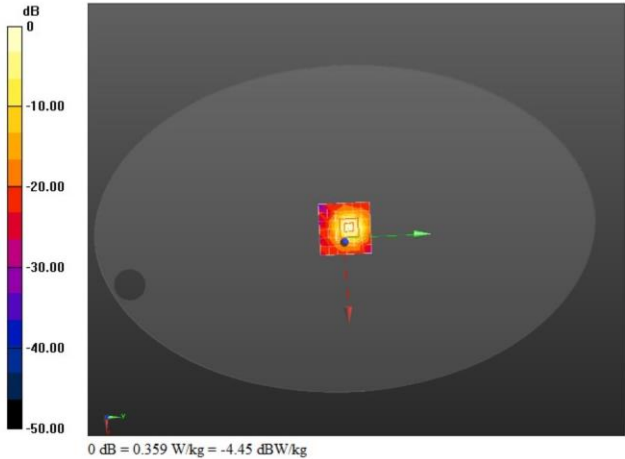
Configuration/R Top side DH5 2480/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 12.36 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.484 W/kg

SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.059 W/kg

Maximum value of SAR (measured) = 0.359 W/kg



Date: 08.04.2024

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

Q24032904-2E

DUT:True Wireless Earphones; Model Number:AMIRON 100; Serial:S24032904-002

Communication System: UID 0, Bluetooth (0); Communication System Band: Bluetooth; Frequency: 2402 MHz;Communication System PAR: 0 dB; PMF: 1.12202e-005

Medium parameters used (interpolated): $f = 2402\text{ MHz}$, $\sigma = 1.743\text{ S/m}$, $\epsilon_r = 38.555$, $\rho = 1000\text{ kg/m}^3$

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3906; ComF(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
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/L Top side DH5 2402/Area Scan (7x7x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.380 W/kg

Configuration/L Top side DH5 2402/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.07 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.759 W/kg

SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.074 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.433 W/kg

