

# Appendix B

## Highest Test Plots

# Table of Contents

1. BT Head-worn 0mm SAR ..... 3

# 1. BT Head-worn 0mm SAR

Date: 20.03.2024

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

Q24031112-2E

DUT: BLUETOOTH HEADSET; Model Number: LIVE FLEX 3; Serial: S24031112-004

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,  $\sigma = 1.846$  S/m,  $\epsilon_r = 39.665$ ,  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

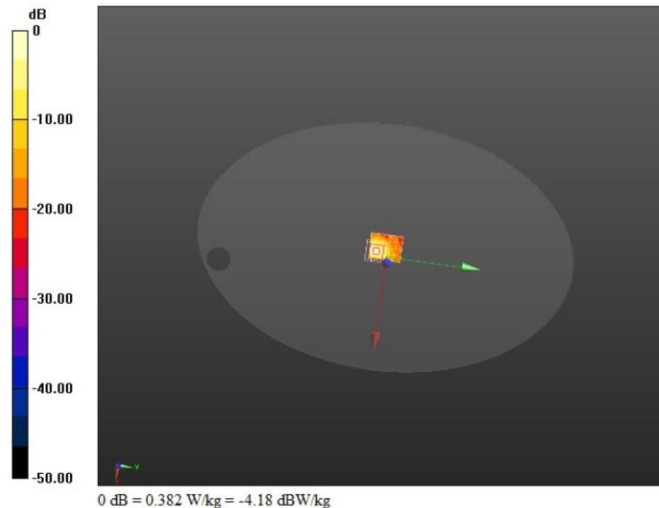
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

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
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/L Back Bottom side DH5 2480/Area Scan (5x6x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm  
Maximum value of SAR (measured) = 0.368 W/kg

**Configuration/L Back Bottom side DH5 2480/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm  
Reference Value = 5.863 V/m; Power Drift = 0.04 dB  
Peak SAR (extrapolated) = 0.551 W/kg  
SAR(1 g) = 0.184 W/kg; SAR(10 g) = 0.069 W/kg  
Maximum value of SAR (measured) = 0.382 W/kg



Date: 20.03.2024

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

**Q24031112-2E****DUT: BLUETOOTH HEADSET; Model Number: LIVE FLEX 3; Serial: S24031112-004**

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;  $\sigma = 1.846$  S/m;  $\epsilon_r = 39.665$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/R Back side DHS 2480/Area Scan (5x6x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm

Maximum value of SAR (measured) = 0.268 W/kg

**Configuration/R Back side DHS 2480/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 12.09 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.514 W/kg

SAR(1 g) = 0.219 W/kg; SAR(10 g) = 0.081 W/kg

Maximum value of SAR (measured) = 0.394 W/kg

