RF Exposure Report

Report No.:	SABGGB-WTW-P22030008
FCC ID:	JFZLPW50BT
Test Model:	AT-LPW50BT
Series Model:	AT-LPW50BT*** (*can be" 0-9",'A-Z', '.' ,'a-z', Blank or "-" for marketing purpose)
Received Date:	2022/3/7
Test Date:	2022/3/17 ~ 2022/3/22
Issued Date:	2022/5/9
Applicant:	Audio-Technica Corporation
Address:	2-46-1, Nishi-naruse, Machida, Tokyo, 194-8666 JAPAN
Issued By:	Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch Lin Kou Laboratories
Lab Address:	No. 47-2, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan
FCC Registration / Designation Number:	198487 / TW2021

Testing Laboratory
2021

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Release Control Record

Issue No.	Description	Date Issued
SABGGB-WTW-P22030008	Original release.	2022/5/9

1 Certificate of Conformity

Product:	WIRELESS BELT-DRIVE TURNTABLE
Brand:	audio-technica
Test Model:	AT-LPW50BT
Series Model:	AT-LPW50BT*** (*can be" 0-9",'A-Z', '.' ,'a-z', Blank or "-" for marketing purpose)
Sample Status:	Engineering sample
Applicant:	Audio-Technica Corporation
Test Date:	2022/3/17 ~ 2022/3/22
Standards:	FCC Part 2 (Section 2.1091)
References Test Guidance:	KDB 447498 D01 General RF Exposure Guidance v06

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's RF characteristics under the conditions specified in this report.

Prepared by : Jessica Cheng , **Date:** 2022/5/9

Jessica Cheng / Senior Specialist

Approved by : Jeremy Lin , **Date:** 2022/5/9

Jeremy Lin / Project Engineer

2 RF Exposure

2.1 Limits for Maximum Permissible Exposure (MPE)

Frequency Range (MHz)	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)	Power Density (mW/cm^2)	Average Time (minutes)
Limits For General Population / Uncontrolled Exposure				
300-1500	…	…	F/1500	30
1500-100,000	…	…	1.0	30

F = Frequency in MHz

2.2 MPE Calculation Formula

$Pd = (Pout*G) / (4*pi*r^2)$

where

Pd = power density in mW/cm^2

Pout = output power to antenna in mW

G = gain of antenna in linear scale

Pi = 3.1416

R = distance between observation point and center of the radiator in cm

2.3 Classification

The antenna of this product, under normal use condition, is at least 20cm away from the body of the user. So, this device is classified as **Mobile Device**.

3 Calculation Result of Maximum Conducted Power

Frequency Band (MHz)	Max Average Power (dBm)	Antenna Gain (dBi)	Distance (cm)	Power Density (mW/cm^2)	Limit (mW/cm^2)
2402-2480	5.35	2.04	20	0.0011	1

Note:
1. Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.
2. The above Antenna information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications, the laboratory shall not be held responsible.

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