



FCC TEST REPORT

FCC ID: 2BBKK-ATE60

Product	:	vinyl record player
Model Name	:	ATE60
Brand	:	GLENCREAG
Report No.	:	PTC25010813201E-FC03
Prepared for		
DTC IP Holdings, LLC		
251 Little Falls Drive, Wilmington, Delaware, USA, 19808		
Prepared by		
Precise Testing & Certification Co., Ltd.		
Building 1, No. 6, Tongxin Road, Dongcheng Street, Dongguan, Guangdong, China.		



Report No.: PTC25010813201E-FC03

TEST RESULT CERTIFICATION

Applicant's name : DTC IP Holdings, LLC

Address : 251 Little Falls Drive, Wilmington, Delaware, USA, 19808

Manufacture's name : Dongguan Yiertek Co., Ltd

Address : Room 901, Building 4, Xinlikang Industrial Park,
Huangchong gongyeheng Road, Zhongtang Town, Dongguan
City, Guangdong Province, China.

Product name : vinyl record player

Model name : ATE60

Test procedure : FCC CFR47 Part 1.1307(b)(1)

Test Date : Feb. 6, 2025 to Feb. 21, 2025

Date of Issue : Feb. 21, 2025

Test Result : PASS

This device described above has been tested by PTC, and the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.

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Test Engineer:

A handwritten signature in black ink, appearing to read 'Jack Zhou'.

Jack Zhou / Engineer

Technical Manager:

A handwritten signature in black ink, appearing to read 'Simon Pu'.

Simon Pu / Manager



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Report No.: PTC25010813201E-FC03

2 Test Summary

Test Items	Test Requirement	Result
Maximum Permissible Exposure (Exposure of Humans to RF Fields)	15.247 (i)	PASS
Remark:		
N/A: Not Applicable		



3 General Information

3.1 General Description of E.U.T.

Product Name	:	vinyl record player
Model Name	:	ATE60
Specification	:	Bluetooth BDR+EDR; Bluetooth BLE
Operation Frequency	:	2400-2480MHz for BT
Number of Channel	:	79 channels for BDR+EDR 40 channels For DTS
Type of Modulation	:	GFSK, $\pi/4$ -DQPSK, 8DPSK For DSS GFSK, For DTS
Antenna installation	:	PCB antenna
Antenna Gain	:	2.81 dBi
Power supply	:	Input: AC100-240V 50/60Hz Output: DC 25W*2
Hardware Version	:	P01
Software Version	:	2AAFC049



4 RF Exposure

Test Requirement : FCC Part 1.1307(b)(1)

Evaluation Method : KDB 447498 D01 General RF Exposure Guidance v06

4.1 Requirements

Systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy levels in excess limit for maximum permissible exposure. In accordance with 47 CFR FCC Part 2 Subpart J, section 2.1091 this device has been defined as a mobile device whereby a distance of 0.2 m normally can be maintained between the user and the device.

4.2 The procedures / limit

(A) Limits for Occupational / Controlled Exposure

Frequency Range	Electric Field	Magnetic Field	Power Density (S)	Averaging Time
0.3-3.0	614	1.63	(100)*	6
3.0-30	1842 / f	4.89 / f	(900 / f)*	6
30-300	61.4	0.163	1.0	6
300-1500			F/300	6
1500-100,000			5	6

(B) Limits for General Population / Uncontrolled Exposure

Frequency Range	Electric Field	Magnetic Field	Power Density (S)	Averaging Time
0.3-1.34	614	1.63	(100)*	30
1.34-30	824/f	2.19/f	(180/f)*	30
30-300	27.5	0.073	0.2	30
300-1500			F/1500	30
1500-100,000			1.0	30

Note: f = frequency in MHz ; *Plane-wave equivalent power density



4.3 MPE Calculation Method

$$E \text{ (V/m)} = \frac{\sqrt{30 \times P \times G}}{d} \quad \text{Power Density: } P_d \text{ (W/m}^2\text{)} = \frac{E^2}{377}$$

E = Electric field (V/m)

P = Peak RF output power (W)

G = EUT Antenna numeric gain (numeric)

d = Separation distance between radiator and human body (m)

The formula can be changed to

$$P_d = \frac{30 \times P \times G}{377 \times d^2} \theta \varphi$$

From the peak EUT RF output power, the minimum mobile separation distance, d=0.2m, as well as the gain of the used antenna, the RF power density can be obtained

4.4 Test Result

Mode	Antenna Gain (numeric)	Max. Peak Output Power (dBm)	Tune up tolerance (dBm)	Max Tune Up Power (mW)	Power Density (mW/cm ²)	Limit of Power Density (mW/cm ²)	Result
3DH5_2402M Hz	1.91	-1.85	-1.85±1	0.8222	0.000312	1	Pass
BLE_1M_2402 MHz	1.91	-4.42	-4.42±1	0.4550	0.000173	1	Pass

Conclusion:

1. Calculate in the worst-case mode.
2. Max. Tune Up Power is declared by manufacturer, and used to calculate.

*******THE END REPORT*******