

TEST REPORT

Product Name : Cassette player and recorder
GB-001, GB-001xy (x and y are
Model Number : customer-dependent and cosmetic-dependent
variables, x=A~Z, y=0~9)
FCC ID : 2A7XM-GB-001

Prepared for : WE ARE REWIND
Address : 26 Rue Montcalm, 75018 Paris, France

Prepared by : EMTEK (SHENZHEN) CO., LTD.
Address : Building 69, Majialong Industry Zone, Nanshan District,
Shenzhen, Guangdong, China

TEL:(0755) 26954280
FAX:(0755) 26954282

Report Number : ENS2503060081W00702R
Date of sample receipt : August 06, 2025
Date(s) of Tests : August 06, 2025 to August 29, 2025
Date of issue : August 29, 2025

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1. TEST RESULT CERTIFICATION

Applicant : WE ARE REWIND
Address : 26 Rue Montcalm, 75018 Paris, France
Manufacturer : Hui Zhou Hui Pu Electronic Co., Ltd
Address : No.5, Yuanhui Road, Chenjiang Town, Zhongkai Hi-tech Industrial Development Zone, Huizhou City, Guangdong Province, China
EUT : Cassette player and recorder
Model Name : GB-001, GB-001xy (x and y are customer-dependent and cosmetic-dependent variables, x=A~Z, y=0~9)
Trademark : WE ARE REWIND

Measurement Procedure Used:

APPLICABLE STANDARDS	
STANDARD	TEST RESULT
§ 15.247(i), § 2.1091	PASS

The above equipment was tested by EMTEK (SHENZHEN) CO., LTD. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10 (2013) and the energy emitted by the sample EUT tested as described in this report is in compliance with the requirements of FCC Rules FCC § 15.247(i), § 2.1091.

The test results of this report relate only to the tested sample identified in this report

Date of Test : August 06, 2025 to August 29, 2025

Prepared by :



Una Yu /Editor

Reviewer :



Joe Xia/Supervisor

Approve & Authorized Signer :



Lisa Wang/Manager



Modified History

Version	Report No.	Revision Date	Summary
	ENS2503060081W00702R	/	Original Report



2. EUT Specification

Characteristics	Description
Product:	Cassette player and recorder
Model Number:	GB-001, GB-001xy (x and y are customer-dependent and cosmetic-dependent variables, x=A~Z, y=0~9) (Note: These models are the same, except for the model names, year version, buyers and cabinet color;GB-001 was selected for full test.)
Sample:	1#
Data Rate:	1Mbps for GFSK modulation 2Mbps for $\pi/4$ -DQPSK modulation 3Mbps for 8DPSK modulation
Modulation:	GFSK, $\pi/4$ -DQPSK, 8DPSK
Operating Frequency Range(s) :	2402-2480MHz
Number of Channels:	-4.09 dBm(0.000390 W)
Transmit Power Max:	PCB Antenna
Antenna Gain:	-0.68 dBi
Power supply:	DC 18V from Adapter Adapter Model:CW72E1804000ZC INPUT:100-240V~50/60Hz 1.8A Max Output:18V $\overline{\text{---}}$ 4A
Evaluation applied:	☒ MPE Evaluation ☐ SAR Evaluation

3. Test Requirement

RF EXPOSURE EVALUATION

According to FCC 1.1310: The criteria listed in the following table shall be used to evaluate the environment impact of human exposure to radio frequency(RF) Radiation as specified in §1.1307(b)

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
(A) Limits for Occupational/Control Exposures				
300-1500	--	--	F/300	6
1500-100000	--	--	5	6
(B) Limits for General Population/Uncontrol Exposures				
300-1500	--	--	F/1500	6
1500-100000	--	--	1	30

Friis transmission formula: $P_d = (P_{out} \cdot G) / (4 \cdot \pi \cdot R^2)$

Where

P_d = Power density in mW/cm²

P_{out} =output power to antenna in mW

G = Numeric gain of the antenna relative to isotropic antenna

π =3.1416

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

P_d the limit of MPE, 1mW/cm². If we know the maximum gain of the antenna and total power input to the antenna, through the calculation, we will know the distance where the MPE limit is reached.

4. Measurement Result

gain:	-0.68	FCC MPE							
Mode	Frequency (MHz)	Output Power(dBm)	E.I.R.P(dBm)	Target Power W/tolerance (dBm)	Max tune up power(dBm) tolerance	Max tuneup power(mW) tolerance	Power Density at R=20cm (mW/cm ²)	Limit (mW/cm ²)	Verdict
GFSK	2402	-5.04	-5.72	-6±1	-5	0.32	0.000054	1	PASS
	2441	-4.91	-5.59	-5±1	-4	0.40	0.000068	1	PASS
	2480	-5	-5.68	-5±1	-4	0.40	0.000068	1	PASS
pi/4-DQPSK	2402	-4.74	-5.42	-5±1	-4	0.40	0.000068	1	PASS
	2441	-4.25	-4.93	-5±1	-4	0.40	0.000068	1	PASS
	2480	-4.51	-5.19	-5±1	-4	0.40	0.000068	1	PASS
8-DPSK	2402	-4.33	-5.01	-5±1	-4	0.40	0.000068	1	PASS
	2441	-4.09	-4.77	-5±1	-4	0.40	0.000068	1	PASS
	2480	-4.11	-4.79	-5±1	-4	0.40	0.000068	1	PASS

According to KDB 447498, no stand-alone required for WIFI antenna, and no simultaneous SAR measurement is required.

*** End of Report ***