

TEST REPORT

Maximum Permissive Exposure

for

Products Name: Mini Blu-ray & CD Player

Model No.: Refer to section 2.2

FCC ID: 2BTMN-KB-100

Report No.: SST2605E035

Issued Date: 2026-5-7

Issued for

Krovatar Technology (Shenzhen) CO.,LTD

Room509, Building2, No.26 Puzai Road, Central Community, Pingdi, Longgang District, Shenzhen,
Guangdong, P.R.China

Issued by

Dongguan Qiyang Testing Technology Co., Ltd.

Room 101-1, Building 1, No.19, Tianxin Butterfly 1st Road, Huangjiang, Dongguan, Guangdong, China

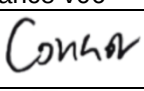
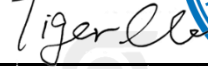
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Table of Contents

1.	BASIC INTRODUCTION	3
2.	RF EXPOSURE EVALUATION MAXIMUM PERMISSIBLE EXPOSURE (MPE)	4
2.1	INTRODUCTION	4
2.2	MPE CALCULATION.....	4
3	CONCLUSION.....	4

1. Basic Introduction

Applicant's name..... :	Krovatar Technology (Shenzhen) CO.,LTD	
Address	Room509, Building2, No.26 Puzai Road, Central Community, Pingdi, Longgang District, Shenzhen, Guangdong, P.R.China	
Manufacturer's name	Krovatar Technology (Shenzhen) CO.,LTD	
Address	Room509, Building2, No.26 Puzai Road, Central Community, Pingdi, Longgang District, Shenzhen, Guangdong, P.R.China	
Factory's name	Shenzhen Maxmade Technology Co., Ltd.	
Address	6-8F, Building 2, No. 26 Puzai Road, Pingdi, Longgang District, Shenzhen, China	
Products Name..... :	Mini Blu-ray & CD Player	
Model No..... :	KB-100 Series, KB-100B, KB-100W, KB-100G, KB-100S, KB-100L, KB-100R, KB-100BH, KB-100WH, KB-100GH, KB-100SH, KB-100LH, KB-100RH	
Trade Mark	N/A	
Rating(s)..... :	Adapter information: Model: KA20A-US Input: AC 100-240V, 50/60Hz, 0.55A max Output: DC 5V/3A, 9V/2.22A, 12V/1.67A	
Software version..... :	/	
Hardware version	/	
Operation frequency..... :	2402MHz ~ 2480MHz	
Channel numbers	BT: 79 BLE: 40	
Channel separation	BT: 1MHz BLE: 2MHz	
Modulation technology	BT: GFSK, pi/4 DQPSK, 8DPSK BLE: GFSK	
Antenna type	FPC Antenna	
Antenna gain	0.42 dBi (declared by applicant)	
Date of sample receipt..... :	2025-12-22	
Date of Test..... :	2025-12-22~2026-5-6	
Standard(s)	FCC 47 CFR PART 2.1091 FCC 47 CFR PART 1.1310 447498 D01 General RF Exposure Guidance v06	
Tested by (+signature)..... :	Connor Ma	
Check by (+signature)..... :	Davis Zhou	
Approved by (+signature).... :	Tiger Chen	



2. RF EXPOSURE EVALUATION MAXIMUM PERMISSIBLE EXPOSURE (MPE)

2.1 Introduction

This document is prepared to show compliance with the RF Exposure requirements as required in §1.1310 of the FCC Rules

The limit for maximum permissible exposure(MPE), specific in §1.1310of the FCC Rules and KDB 447498 D04 were list in below

TABLE 1 TO § 1.1310(E)(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)	Averaging time (minutes)
(i) Limits for Occupational/Controlled Exposure				
0.3-3.0	614	1.63	*(100)	≤6
3.0-30	1842/f	4.89/f	*(900/f ²)	<6
30-300	61.4	0.163	1.0	<6
300-1,500			f/300	<6
1,500-100,000			5	<6
(ii) Limits for General Population/Uncontrolled Exposure				
0.3-1.34	614	1.63	*(100)	<30
1.34-30	824/f	2.19/f	*(180/f ²)	<30
30-300	27.5	0.073	0.2	<30
300-1,500			f/1500	<30
1,500-100,000			1.0	<30

f = frequency in MHz. * = Plane-wave equivalent power density.

2.2 MPE Calculation

Type	Frequency (MHz)	Antenna Gain (dBi)	Output power (dBm)	Max Tune-up (dBm)	EIRP (mW)	PD (mw/cm ²)	Limit (mw/cm ²)	Result
BLE	2440	0.42	8.53	9	8.75	0.002	1	PASS
BT	2441	0.42	7.61	8	6.95	0.001	1	PASS

3 Conclusion

The device meets the RF exposure limit at a minimum separation distance as specified in §2.1091 of the FCC Rules and Regulations. An appropriate RF exposure compliance statement will be placed in the user's manual.

*****End of report*****