

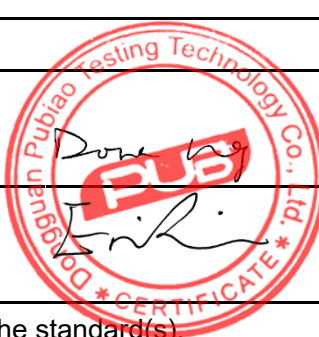
TEST REPORT		
Report Number. :	EP2607116F02	
Date of receipt of test item .. :	2026-07-09	
Date (s) of performance of test..... :	2026-07-10 to 2026-08-04	
Date of issue..... :	2026-08-13	
Testing Laboratory name..... :	Dongguan Pubiao Testing Technology Co., Ltd.	
Address..... :	Room 101, Building 1, No.30, Minghua Road, Shijie,Shijie Town, Dongguan,Guangdong, 523250,People's Republic of China	
Applicant's name..... :	Cononlux Technology Co, Ltd	
Address..... :	1-4F Building A5, A6, Langxin Industrial Park, Langxin Community, Shiyan Street, Bao'an District, Shenzhen China	
Manufacturer's name	Cononlux Technology Co, Ltd	
Address..... :	1-4F Building A5, A6, Langxin Industrial Park, Langxin Community, Shiyan Street, Bao'an District, Shenzhen China	
Factory's name	Cononlux Technology Co, Ltd	
Address..... :	1-4F Building A5, A6, Langxin Industrial Park, Langxin Community, Shiyan Street, Bao'an District, Shenzhen China	
Standard(s)	§1.1310, §2.1093	
Test item description	LED strip light	
Trade Mark	N/A	
Model/Type reference..... :	CL-5050RGB-60-12V, CL-5050RGB-30-12V, CL-5050RGB-60-5V, CL-5050RGB-30-5V	
FCC ID	2BH2P-CONTROLLER	
Summary of Test Results :	Pass	
Test Report Form No..... :	§15.247(i), §2.1093	
Master TRF..... :	Dated 2025-11	
Prepared by (+signature)	Dora Ning	
Approved by (+signature).... :	Eric Liu	
The Summary of Test Results based on a technical opinion belongs to the standard(s).		
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Modified History

Report No.	Revision Date	Summary
EP2607116F02	2026-08-13	Original Report

1. EUT Specification

Characteristics	Description
Product:	Mini Sticker Printer, AI Voice Sticker Printer
Model Number:	CL-5050RGB-60-12V, CL-5050RGB-30-12V, CL-5050RGB-60-5V, CL-5050RGB-30-5V
Difference:	All models are identical to each other except for product name and model name. Here we choose CL-5050RGB-60-12V as the test EUT.
Device Type:	DTS: Bluetooth V5.0
Data Rate:	DTS: 1Mbps for GFSK modulation
Modulation:	DTS: GFSK
Operating Frequency Range(s) :	2402-2480MHz
Number of Channels:	BLE: 40 channels
Transmit Power Max:	BLE: 1.33 dBm
Antenna Gain:	0 dBi
Power supply:	Adapter: Model: LZ-1202000A Input: 100-240V 50/60Hz 0.7A Max Output: 12V = Max 2.0A 24W Class 2
Evaluation applied:	☐ MPE Evaluation ☒ SAR Evaluation

2. Test Requirement:

RF EXPOSURE EVALUATION

According to 447498 D01 V06: 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.

3. Measurement Result

BLE

Antenna gain: 0 dBi

modulation	Channel Freq. (MHz)	Measured power (dBm)	Tune-up power (dBm)	Max tune-up power (dBm)	Max tune up power tolerance (mW)	Antenna Gain Numeric	Evaluation result (mW/cm ²)	Power density Limits (mW/cm ²)
GFSK	2402	1.33	±1	2.33	1.71	1	0.000340	1
	2440	1.21	±1	2.21	1.66	1	0.000331	1
	2480	-0.02	±1	0.98	1.25	1	0.000249	1

the worst-case situation is 0.000340, which is less than “1”,
This confirmed that the device comply with FCC 1.1310 MPE limit.

*** End of Report ***

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地 址：广东省东莞市石碣镇石碣铭华路30号1号楼101室

Address: Room 101, Building 1, No.30, Minghua Road, Shijie, Shijie Town, Dongguan, Guangdong, China.

电话总机/Tel.: +86 769-8181 3516

传 真/Fax.: +86 769-8181 3536