



Test Report No.:
FCCSZ2025-0033-H

RF Test Report

FCC ID : 2ASWV-PG17MAX
EUT : Dash Cam
BRAND NAME : N/A
APPLICANT : Shenzhen LINGDU Auto Electronics Co., Ltd.
Classification of Test : N/A

CVC Testing Technology (Shenzhen) Co., Ltd.



Applicant		Name: Shenzhen LINGDU Auto Electronics Co., Ltd. Address: Room2901, Unit 1, Building 1, Lechuanghui Building Guihua Community, Guanlan Street, Longhua District, ShenZhen, China	
Manufacturer		Name: Shenzhen LINGDU Auto Electronics Co., Ltd. Address: Room2901, Unit 1, Building 1, Lechuanghui Building Guihua Community, Guanlan Street, Longhua District, ShenZhen, China	
Equipment Under Test		Product Name: Dash Cam Model/Type: See Section 1.1 Brand Name: N/A Serial NO.: N/A Sample NO.: 3-1	
Date of Receipt.	Apr.14,2025	Date of Testing	Apr.14,2025~May.24,2025
Test Specification		Test Result	
FCC Part 2 (Section 2.1091) KDB 447498 D04, IEEE C95.3		PASS	
Evaluation of Test Result		The equipment under test was found to comply with the requirements of the standards applied.	
		Seal of CVC Issue Date: May.24,2025	
Compiled by: <u>Cai Jianyu</u> Name Signature	Reviewed by: <u>Mo Xianbiao</u> Name Signature	Approved by: <u>Dong Sanbi</u> Name Signature	
Other Aspects: NONE.			
Abbreviations: OK, Pass = passed		Fail = failed	N/A = not applicable
EUT = equipment, sample(s) under tested			

This test report relates only to the EUT, and shall not be reproduced except in full, without written approval of CVC.



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RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FCCSZ2025-0033-H	Original release	May.24,2025



1. GENERAL PRODUCT INFORMATION

PRODUCT	Dash Cam
BRAND	N/A
TEST MODEL	PG17 Max
ADDITIONAL MODEL	See section1.1
POWER SUPPLY	DC 5V
STANDARDS	FCC Part 2 (Section 2.1091) KDB 447498 D04, IEEE C95.3

Remark:

1. For more detailed features description, please refer to the manufacturer's specifications or the User's Manual.
2. For the test results, the EUT had been tested with all conditions. But only the worst case was shown in test report.
3. EUT photo refer to the report (Report NO.: FCCSZ2025-0033-EUT).

1.1 ADDITIONAL MODEL/TYPE

Test Model	Additional Model	Difference
PG17 Max	N1, PG17, AR09, PG17 Pro, PG17 Ultra, PG17 Lite, AR09 Pro, AR09 Lite, AR12, LD4K, LD2K	Just difference is the model name,others are the same.



2. RF EXPOSURE LIMIT

(Option C) Or using Table 1 and the minimum separation distance (R in meters) from the body of a nearby person for the frequency (f in MHz) at which the source operates, the ERP (watts) is no more than the calculated value prescribed for that frequency. For the exemption in Table 1 to apply, R must be at least $\lambda /2\pi$, where λ is the free-space operating wavelength in meters. If the ERP of a single RF source is not easily obtained, then the available maximum time-averaged power may be used in lieu of ERP if the physical dimensions of the radiating structure(s) do not exceed the electrical length of $\lambda /4$ or if the antenna gain is less than that of a half-wave dipole (1.64 linear value).

RF SOURCE FREQUENCY (MHZ)	THRESHOLD ERP(W)
0.3 -1.34	$1,920 R^2$
1.34 - 30	$3,450 R^2 F^2$
30 -300	$3.83 R^2$
300-1500	$0.0128 R^2 F$
1500-100,000	$19.2R^2$



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**.

4. CALCULATION RESULT OF MAXIMUM CONDUCTED PK POWER

The measured conducted Peak Power

Mode	Antenna	Power (dBm)
2.4G WIFI	ANT1	17.11
5.1G WIFI	ANT1	15.50
5.3G WIFI	ANT1	16.02
5.5G WIFI	ANT1	15.39
5.8G WIFI	ANT1	17.04

MAXIMUM PERMISSIBLE EXPOSURE (FCC)

Mode	Frequency (MHz)	Antenna	Max Power (dBm)	Antenna Gain (dBi)	R (cm)	EIRP (dBm)	ERP (dBm)	ERP (W)	Threshold ERP(W)	Ratio
2.4G WIFI	2412-2462	ANT1	17.11	1.80	20	18.91	16.76	0.047	0.77	0.062
5.1G WIFI	5180-5240	ANT1	15.50	1.98	20	17.48	15.33	0.034	0.77	0.044
5.3G WIFI	5260-5320	ANT1	16.02	1.98	20	18.00	15.85	0.038	0.77	0.050
5.5G WIFI	5500-5700	ANT1	15.39	1.98	20	17.37	15.22	0.033	0.77	0.043
5.8G WIFI	5745-5825	ANT1	17.04	1.98	20	19.02	16.87	0.049	0.77	0.063
Sum of ratio = 2.4G WIFI ANT1+5G WIFI ANT1										0.125

Note1: ERP=EIRP-2.15dB

Conclusion:

Therefore, the worst-case situation is 0.125(Sum of Ratios), which is less than "1". This confirmed that the device compliance with FCC RF exposure requirements..

----- End of the Report -----



Important

- (1) The test report is invalid without the official stamp of CVC;
- (2) Any part photocopies of the test report are forbidden without the written permission from CVC;
- (3) The test report is invalid without the signatures of Approval and Reviewer;
- (4) The test report is invalid if altered;
- (5) Objections to the test report must be submitted to CVC within 15 days.
- (6) Generally, commission test is responsible for the tested samples only.
- (7) As for the test result “-” or “N” means “not applicable”, “/” means “not test”, “P” means “pass” and “F” means “fail”

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