FCC TEST REPORT
FCC ID: 2BAWC-P1-DUO

Product	:	Dash Cam
Model Name	:	P1 Duo
Additional model	:	P1, P2, P3, P1 Pro, P3 Pro, P3 Duo
Brand	:	Pelsee
Report No.	:	PTC23041007502E-FC02

Prepared for

Shenzhen Vycol-Glint Innovations Technology co., ltd

NO.26 Gangsheng Road. Building A, Room 509 Bao'an District, Shenzhen, Guangdong

Prepared by

Precise Testing & Certification Co., Ltd.

Building 1, No. 6, Tongxin Road, Dongcheng Street, Dongguan, Guangdong, China

TEST RESULT CERTIFICATION

Applicant's name	:	Shenzhen Vycol-Glint Innovations Technology co., ltd
Address	:	NO.26 Gangsheng Road. Building A, Room 509 Bao'an District, Shenzhen, Guangdong
Manufacture's name	:	Shenzhen Vycol-Glint Innovations Technology co., ltd
Address	:	NO.26 Gangsheng Road. Building A, Room 509 Bao'an District, Shenzhen, Guangdong
Product name	:	Dash Cam
Model name	:	P1 Duo, P1, P2, P3, P1 Pro, P3 Pro, P3 Duo
Standards	:	FCC CFR47 Part 15 Section 15.247
Test procedure	:	ANSI C63.10:2013
Test Date	:	May. 07, 2023 to Jun. 29, 2023
Date of Issue	:	Aug. 14, 2023
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.

This report shall not be reproduced except in full, without the written approval of PTC, this document may be altered or revised by PTC, personal only, and shall be noted in the revision of the document.

Test Engineer:

Simon Pu / Engineer

Technical Manager:

Ronnie Liu / Manager

Contents

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	:	Dash Cam
Model Name	:	P1 Duo
Additional model	:	P1, P2, P3, P1 Pro, P3 Pro, P3 Duo
Model difference	:	Different model names
Specification	:	802.11b/g/n HT20
Operating frequency	:	2412-2462MHz for 802.11b/g/ n(HT20)
Numbers of Channel	:	11 channels
Antenna Type	:	FPCB Antenna
Antenna Gain	:	2.44 dBi
Type of Modulation	:	DSSS with DBPSK/DQPSK/CCK for 802.11b; OFDM with BPSK/QPSK/16QAM/64QAM for 802.11g/n;
Power supply	:	DC 5V
Hardware Version	:	N/A
Software Version	:	N/A

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

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

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

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

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/cm2)	Limit of Power Density (mW/cm2)	Result
2412	1.75	22.90	22.90±1	245.471	0.6788	1	Pass

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