

# FCC TEST REPORT FCC ID: 2BAH2-P300PRO

Product	:	Dash Cam
Model Name	:	P300 Pro,P300,P300 Plus,G360,G360 Pro,G360 Plus
Brand	:	PAPAGO!
Report No.	:	PTC23020606604E-FC02
Sample ID	:	PTC23020606604E-01#

## **Prepared for**

Maction Technologies (Shanghai) ,Ltd

18 / F, West building, no.2218, Hunan Road, Pudong New Area, Shanghai

## Prepared by

Precise Testing & Certification Co., Ltd

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#### **TEST RESULT CERTIFICATION**

Applicant's name : Maction Technologies (Shanghai) ,Ltd

18 / F, West building, no.2218, Hunan Road, Pudong New Area,

Address : Shanghai

Manufacture's name : Maction Technologies (Shanghai) ,Ltd

18 / F, West building, no.2218, Hunan Road, Pudong New Area,

Address : Shanghai

Product name : Dash Cam

Model name : P300 Pro,P300,P300 Plus,G360,G360 Pro,G360 Plus

Test procedure : KDB 447498 D01 General RF Exposure Guidance v06

Test Date : Mar. 02, 2023 to Mar. 16, 2023

Date of Issue : Mar. 20, 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.

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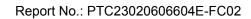
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## 2 Test Summary

Test Items	Test Requirement	Result				
Maximum Permissible Exposure (Exposure of Humans to RF Fields)	2.1091	PASS				
Remark:						
N/A: Not Applicable						



## **3 General Information**

## 3.1 General Description of E.U.T.

Product Name	:	Dash Cam
Model Name	:	P300 Pro,P300,P300 Plus,G360,G360 Pro,G360 Plus
Specification	:	802.11b/g/n HT20
Operation Frequency	:	2412-2462MHz for 802.11b/g/ n(HT20)
Number of Channel	:	11 channels for 802.11b/g/ n(HT20)
Type of Modulation	:	DSSS with DBPSK/DQPSK/CCK for 802.11b; OFDM with BPSK/QPSK/16QAM/64QAM for 802.11g/n;
Antenna installation	:	Fpcb Antenna
Antenna Gain	:	4.54 dBi
Power supply	:	DC 5V via adapter input DC 12V battery
Hardware Version	:	DR022_MMB-NT670_V10
Software Version	:	P300:V1.01



## 4 RF Exposure

Test Requirement : FCC Part 1.1307(b)(1)

Evaluation Method : FCC Part 2.1091

#### 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	9	0.100	F/300	6
			17300	<u> </u>
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	27.0	0.070	F/1500	30
300-1300			F/1500	30
1500-100,000			1.0	30

Note: f = frequency in MHz; \*Plane-wave equivalent power density



#### 4.3 MPE Calculation Method

Predication of MPE limit at a given distance

Equation from page 18 of OET Bulletin 65, Edition 97-01

#### S=PG/4nR<sup>2</sup>

Where: S=power density

P=power input to antenna

G=power gain of the antenna in the direction of interest relative to an isotropic radiator

R=distance to the center of radiation of the antenna

#### 4.4 Test Result

	0	utput po	wer	Antenna	Antenna	MPE	MPE
Modulation Type	dBm	Turn up	mW	Gain	Gain (linear)	(mW/cm <sup>2</sup> )	Limits
				(dBi)			(mW/cm <sup>2</sup> )
2.4GWIFI	18.63	+/-1	91.833	4.54	2.844	0.052	1.0000

#### 5 Conclusion

The measurement results comply with the FCC Limit per 47 CFR 2.1091 for the uncontrolled RF Exposure of mobile device.

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