FCC TEST REPORT
FCC ID: 2A5A8SGDCPRO

Product	:	DASH CAMERA
Model Name	:	SG9663DCPRO+
Brand	:	N/A
Report No.	:	PTC22021400301E-FC02

Prepared for

RuiYou Pty Ltd

Unit 10 /53-55 ,Governor Macquarie Drive , Chipping Norton , 2170 , Sydney, Australia

Prepared by

Precise Testing & Certification Co., Ltd

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TEST RESULT CERTIFICATION

Applicant's name	:	RuiYou Pty Ltd
Address	:	Unit 10 /53-55 ,Governor Macquarie Drive , Chipping Norton , 2170 , Sydney, Australia.
Manufacture's name	:	RuiYou Pty Ltd
Address	:	Unit 10 /53-55 ,Governor Macquarie Drive , Chipping Norton , 2170 , Sydney, Australia.
Product name	:	DASH CAMERA
Model name	:	SG9663DCPRO+
Test procedure	:	FCC CFR47 Part 15 Section 15.247
Test Date	:	ANSI C63.10:2013
Date of Issue	:	Mar. 02, 2022 to Mar. 10, 2022
Test Result	:	Mar. 10, 2022

This device described above has been tested by PTS, 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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Test Engineer:

Carson Zhong / Engineer

Technical Manager:

Wu Weimin / Manager

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2 Test Summary

Test Items	Test Requirement	Result
Maximum Permissible Exposure (Exposure of Humans to RF Fields)	1.1307(b)(1)	PASS
Remark:		
N/A: Not Applicable		

3 General Information

3.1 General Description of E.U.T.

Product Name	:	DASH CAMERA
Model Name	:	SG9663DCPRO+
Additional model	:	N/A
Specification	:	802.11b/g/n HT20/40
Operation Frequency	:	2412-2462MHz for 802.11b/g;/ n(HT20) 2422-2452MHz for 802.11 n(H40)
Number of Channel	:	11 channels for 802.11b/g; n(HT20) 7 channels for 802.11n(HT40)
Type of Modulation	:	DSSS with DBPSK/DQPSK/CCK for 802.11b; OFDM with BPSK/QPSK/16QAM/64QAM for 802.11g/n;
Antenna installation	:	FPC antenna
Antenna Gain	:	2.29 dBi
Power supply	:	DC 12V
Hardware Version	:	N/A
Software Version	:	N/A

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			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) = $\frac{\sqrt{30 \times P \times G}}{d}$ Power Density: Pd (W/m²) = $\frac{E^2}{377}$

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

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

Item	Antenna Gain (numeric)	Max. Peak Output Power (dBm)	Peak Output Power (mW)	Power Density (mW/cm2)	Limit of Power Density (mW/cm2)	Result
WIFI	1.69	25.50	354.813	0.1193	1	Pass

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