

TEST REPORT

Application No.: BTEK250613054A02E02
Applicant: Maxview Optics
Address of Applicant: 393 List St. Ste B, Frankenmuth, MI 48734 USA
Manufacturer: SY Electronic Technical Co., Ltd
Address of Manufacturer: 5th Floor, 4nd Bldg. Antongda industrial Park, 1 Liuxian 3rd Rd, Baoan Dist., Shenzhen, China.

Equipment Under Test (EUT):

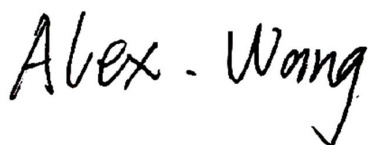
EUT Name: PoV Camera
Test Model.: MAXCAM SOLO
Adding Model(s): /
Trade Mark:



FCC ID: 2BQAJ-MAXCAMSOLO
Standard(s) : 47 CFR Part 2 Subpart J Section 2.1093
447498 D01 General RF Exposure Guidance v06
Date of Receipt Sample(s): 2025-10-14
Date of Test: 2025-10-14 to 2025-12-11
Date of Issue: 2025-12-11

Test Result:	Pass*
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* In the configuration tested, the EUT complied with the standards specified above.



Alex Wang/ Approved & Authorized
EMC Laboratory Manager



Revision Record			
Version	Issue Date	Revisions	Remarks
V0	2025-12-11	Initial	Valid

Authorized for issue by:			
		 Karl Liu / File Editor	
		 June Li/Reviewer	

Remarks:

The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver.



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3 General Information

3.1 Details of E.U.T.

Power supply:	Input: Type-C 5V $\overline{=}$ 1A Power by battery: 3.7V $\overline{=}$ 1350mAh 4.995Wh
Support Standards:	802.11b, 802.11g, 802.11n-HT20, 802.11n-HT40
Frequency Range:	2412-2462MHz for 802.11b/g/n(HT20) 2422-2452MHz for 802.11n(HT40)
Type of Modulation:	802.11b: DSSS; 802.11g/n: OFDM
Quantity of Channels	11 for 802.11b/g/n(HT20/HT40) 7 for 802.11n(HT40)
Channel Separation:	5MHz
Type of Antenna:	FPC Antenna
Antenna Gain:	0.2dBi
Sample No.:	BTEK250613054A02E02-1-1/1
Model(s) Difference Statement	☒ Single Model.
	☐ Multi-Models:

3.2 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
/	/	/	/

3.3 Test Location

All tests were performed at:

Shenzhen BANTEK Testing Co., Ltd.,

A5&A6, Building B1&B2, No.45 Gangtou Road, Bogang Community, Shajing Street, Bao'an District, Shenzhen, Guangdong, China 518103

Tel:0755-2334 4200

Fax: 0755-2334 4200

FCC Registration Number: 264293

Designation Number: CN1356

No tests were sub-contracted.

3.4 Deviation from Standards

None

3.5 Abnormalities from Standard Conditions

None



4 Test Requirement

KDB447498 D01 General RF Exposure Guidance v06, Clause 4.3.1(b)

$$\left[\frac{\text{max. power of channel, including tune-up tolerance, mW}}{\text{(min. test separation distance, mm)}} \right] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$$

Where

-f(GHz) is the RF channel transmit frequency in GHz

-Power and distance are rounded to the nearest mW and mm before calculation

-The test exclusions are applicable only when the minimum test separation distance is ≤ 50 mm, and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm according to 4.1 f) is applied to determine SAR test exclusion.

4.1 Assessment Result

☒ Passed ☐ Not Applicable

Type	Frequency (MHz)	Conducted Power (dBm)	Maximum Tune-up (dBm)	Calculating data	Limit	Result
2.4G-Wi-Fi 802.11n(HT40)	2452	9.45	9.5	2.79	3.0	Pass

Note: The exposure evaluation safety distance is 5mm.

- End of the Report -

