

TEST REPORT

Application No.: BTEK250613054A03E02
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 Remote**Test Model.:** MV-REMOTE-1**Adding Model(s):** /**Trade Mark:****FCC ID:** 2BQAJ-REMOTE**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 2025-10-22**Date of Issue:** 2025-10-24

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



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

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3 General Information

3.1 Details of E.U.T.

Power supply:	Input: 5V $\Rightarrow$ 2A recharge by USB-C port Power by battery: 3.7V $\Rightarrow$ 1350mAh 4.995Wh
Frequency Range:	2464MHz
Modulation Type:	ASK
Number of Channels:	1
Antenna Type:	Internal Antenna
Antenna Gain:	0.67 dBi
Sample No.:	BTEK250613054A03E02-1-1/1
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)

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

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

Frequency (MHz)	Field Strength (dBuV/m)	calc. Pt (mW)	limit (mW)
2464	58.35	0.00018	1

pt = transmitter output power in watts,

gt = numeric gain of the transmitting antenna (unitless),

E = electric field strength in V/m, --- $10^{((\text{dBuV/m})/20)}/10^6$

d = measurement distance in meters (m) ---3m

Field strength =58.35dBuV/m @3m

Ant gain =0.67 dBi, so gt =1

So pt = $(E \times d)^2 / 30 \times gt = \{ [10^{58.35/20}]/10^6 \times 3\}^2 / 30 \times 1\} \times 1000 \text{ mW} = 0.00018 \text{ mW}$

So a SAR test is not required

Note: The exposure evaluation safety distance is 5mm.

- End of the Report -

