



FCC TEST REPORT

FCC ID: 2BXO3-Q3

Product	:	Smart Projector
Model Name	:	Q3
Brand	:	N/A
Report No.	:	PTC26071615302E-FC05
Prepared for		
Shenzhen World Winner Technology Co., Ltd		
3rd Floor, Building 2, No. 107 Fuqian Road, Longhua District, Shenzhen City, Guangdong Province		
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 World Winner Technology Co., Ltd
Address : 3rd Floor, Building 2, No. 107 Fuqian Road, Longhua District,
Shenzhen City, Guangdong Province
Manufacture's name : Shenzhen World Winner Technology Co., Ltd
Address : 3rd Floor, Building 2, No. 107 Fuqian Road, Longhua District,
Shenzhen City, Guangdong Province
Product name : Smart Projector
Model name : Q3
Test procedure : FCC CFR47 Part 1.1307(b)(1)
Test Date : Jul. 21, 2026 to Aug. 24, 2026
Date of Issue : Aug. 24, 2026
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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Test Engineer:

A handwritten signature in black ink, appearing to read 'Jack Zhou'.

Jack Zhou / Engineer

Technical Manager:

A handwritten signature in black ink, appearing to read 'Simon Pu'.

Simon Pu / Manager



Contents

	Page
2 TEST SUMMARY	4
3 GENERAL INFORMATION	5
3.1 GENERAL DESCRIPTION OF E.U.T.....	5
4 RF EXPOSURE	6
4.1 REQUIREMENTS	6
4.2 THE PROCEDURES / LIMIT.....	6
4.3 MPE CALCULATION METHOD.....	7
4.4 TEST RESULT.....	7



2 Test Summary

Test Items	Test Requirement	Result
Maximum Permissible Exposure (Exposure of Humans to RF Fields)	FCC CFR47 Part 1.1307(b)(1)	PASS
Remark:		
N/A: Not Applicable		



3 General Information

3.1 General Description of E.U.T.

Product Name	:	Smart Projector
Model Name	:	Q3
Specification	:	BR+EDR+BLE 802.11b/g/n20/n40 802.11a/ac/ax
Operation Frequency	:	2402-2480MHz 2412-2462MHz for 802.11b/g/n20/ax20 2422-2452MHz for 802.11n40/ax40 U-NII-1 band:5180-5240 MHz U-NII-3 band:5745MHz-5825MHz
Number of Channel	:	11 channels for 802.11b/g/n20/ax20 7 channels for 802.11n 40/ax40 4 channels for 802.11a/n20/ac20/ax20 5150-5250 MHz 5 channels for 802.11a/n20/ac20/ax20 5725MHz~5850MHz 2 channels for 802.11n40/ac40/ax40 5150-5250 MHz 2 channels for 802.11n40/ac40/ax40 5725MHz~5850MHz
Type of Modulation	:	GFSK, $\pi/4$ -DQPSK, 8DPSK For DSS GFSK, For DTS DSSS with DBPSK/DQPSK/CCK for 802.11b; OFDM with BPSK/QPSK/16QAM/64QAM for 802.11g/n; OFDM with BPSK/QPSK/16QAM/64QAM/1024QAM for 802.11a/n/ac/ax;
Antenna installation	:	FPC antenna
Antenna Gain	:	2.4G:1.55 dBi 5G:3.99 dBi
Power supply	:	Input: AC 100-240V DC30V/1.05A 12V/1A
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

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

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

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

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)	Tune up tolerance (dBm)	Max Tune Up Power (mW)	Power Density (mW/cm ²)	Limit of Power Density (mW/cm ²)	Result
2480_DH5	1.43	6.52	6.52±1	5.649370	0.001606	1	Pass
2480_BLE_2M	1.43	6.57	6.57±1	5.714800	0.001625	1	Pass
2412_11N20 SISO	1.43	13.16	13.16±1	26.061500	0.007408	1	Pass
5G Wi-Fi	2.51	12.79	12.79±1	23.933200	0.011932	1	Pass
5.8 Wi-Fi	2.51	16.13	16.13±1	51.641600	0.025747	1	Pass

Note: BT and WLAN can't Simultaneous transmission.

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