TCT 通测检测 TESTING CENTRE TECHNOLOGY

TEST REPORT

FCC ID. ..... :	2A5PQ-P4W	
Test Report No..... :	TCT220224E047	
Date of issue..... :	Sep. 30, 2022	
Testing laboratory ..... :	SHENZHEN TONGCE TESTING LAB	
Testing location/ address:	2101 & 2201, Zhenchang Factory, Renshan Industrial Zone, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, 518103, People's Republic of China	
Applicant's name..... :	Beijing Viisan Technology Co., Ltd.	
Address..... :	Unit A311, Information Center, ZhongGuanCun Software Z-Park HaiDian District, Beijing, 100193 China	
Manufacturer's name ... :	Beijing Viisan Technology Co., Ltd.	
Address..... :	Unit A311, Information Center, ZhongGuanCun Software Z-Park HaiDian District, Beijing, 100193 China	
Standard(s) ..... :	FCC CFR Title 47 Part 1.1307	
Product Name..... :	4K Wireless Document Camera	
Trade Mark ..... :	VIISAN	
Model/Type reference..... :	P4W, P4WXXXXX (X can be any alphanumeric, symbol or blank for marketing purposes)	
Rating(s)..... :	Refer to EUT description of page 3	
Date of receipt of test item ..... :	Feb. 24, 2022	
Date (s) of performance of test..... :	Feb. 24, 2022 ~ Sep. 30, 2022	
Tested by (+signature) ... :	Brews XU	
Check by (+signature).... :	Beryl ZHAO	
Approved by (+signature):	Tomsin	
Remark..... :	This test report was based on TCT220224E048; Change applicant, manufacturer, address, product model No., trade mark and add adapter.	

General disclaimer:

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Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com

1. General Product Information

1.1. EUT description

Product Name.....:	4K Wireless Document Camera
Model/Type reference.....:	P4W
Sample Number.....:	TCT220224E027-0101
Operation Frequency.....:	For 2.4GWIFI: 2412MHz~2462MHz (802.11b/802.11g/802.11n(HT20)) 2422MHz~2452MHz (802.11n(HT40)) For 5G U-NII: Band 1: 5180 MHz~5240 MHz
Modulation Type.....:	For 2.4GWIFI: DSSS(802.11b), OFDM (802.11g/802.11n) For 5GWIFI: 256QAM, 64QAM, 16QAM, BPSK, QPSK
Antenna Type.....:	Internal Antenna
Antenna Gain.....:	2.4GWIFI: 2dBi 5G U-NII: 2dBi
Rating(s).....:	Adapter Information: MODEL: JF005WR-0500100UU INPUT: AC 100-240V, 50/60Hz, 0.18A OUTPUT: DC 5.0V, 1.0A, 5.0W Rechargeable Li-ion Battery DC 3.7V

Note: The antenna gain listed in this report is provided by applicant, and the test laboratory is not responsible for this parameter.

1.2. Model(s) list

No.	Model No.	Tested with
1	P4W	☒
Other models	P4WXXXXX (X can be any alphanumeric, symbol or blank for marketing purposes)	☐
Note: P4W is tested model, other models are derivative models. The models are identical in circuit and PCB layout, only different on the model names. So the test data of P4W can represent the remaining models.		

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2. General Information

2.1. Test environment and mode

Item	Normal condition
Temperature	+25ºC
Voltage	DC 3.7V
Humidity	56%
Atmospheric Pressure:	1008 mbar
Test Mode:	
Engineering mode:	Keep the EUT in continuous transmitting by select channel

2.2. Description of Support Units

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Equipment	Model No.	Serial No.	FCC ID	Trade Name
/	/	/	/	/

Note:

1. All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.

2. Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.

3. For conducted measurements (Output Power, 20dB Occupied Bandwidth, Carrier Frequencies Separation, Hopping Channel Number, Dwell Time, Spurious Emissions), the antenna of EUT is connected to the test equipment via temporary antenna connector, the antenna connector is soldered on the antenna port of EUT, and the temporary antenna connector is listed in the Test Instruments.

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3. Facilities and Accreditations

3.1. Facilities

The test facility is recognized, certified, or accredited by the following organizations:

- FCC - Registration No.: 645098

  SHENZHEN TONGCE TESTING LAB

  Designation Number: CN1205

  The testing lab has been registered and fully described in a report with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files.

- IC - Registration No.: 10668A-1

  SHENZHEN TONGCE TESTING LAB

  CAB identifier: CN0031

  The testing lab has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing.

3.2. Location

SHENZHEN TONGCE TESTING LAB
Address: 2101 & 2201, Zhenchang Factory, Renshan Industrial Zone, Fuhai Subdistrict, Bao'an District, Shenzhen, Guangdong, 518103, People's Republic of China
TEL: +86-755-27673339

4. Test Results and Measurement Data

According to§15.247(i) and§1.1307b(1), 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 level in excess of the commission's guidance.

The 1-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

[(max. power of channel, including tune-up tolerance, mW) / (min. test separation distance, mm)] · [√f(GHz)] ≤ 3.0 for 1-g SAR, where

- f(GHz) is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation
- When the minimum test separation distance is < 5 mm, a distance of 5 mm according is applied to determine SAR test exclusion.
- The result is rounded to one decimal place for comparison

For 2.4GWIFI:

Channel	Frequency (GHz)	Max. Power (dBm)	Tune up Power (dBm)	Max. Tune up Power (dBm)	Max. Tune up Power (mW)	Test distance (mm)	Result	exclusion thresholds for 1-g SAR
CH 01	2.412	8.61	8±1	9	7.94	5	2.47	3.0

For 5G U-NII:

Channel	Frequency (GHz)	Max. Power (dBm)	Tune up Power (dBm)	Max. Tune up Power (dBm)	Max. Tune up Power (mW)	Test distance (mm)	Result	exclusion thresholds for 1-g SAR
CH 46	5.230	6.79	6±1	7	5.01	5	2.29	3.0

Result:
Base on the calculation value, No SAR measurement is required.

*****END OF REPORT*****

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