	と 玩り CHNOLOGY						
	TEST REPOR	T					
FCC ID :	2AFGF-X2						
Test Report No:	TCT220323E033	$\langle \mathcal{C} \rangle$					
Date of issue:	Apr. 08, 2022						
Testing laboratory: :	SHENZHEN TONGCE TESTIN	HENZHEN TONGCE TESTING LAB					
Testing location/ address:	CT Testing Industrial Park Fuqiao 5th Industrial Zone, Fuhai Street, Bao'an District Shenzhen, Guangdong, 518103, People's Republic of China						
Applicant's name: :	Shen Zhen PXN Electronics Te	hen Zhen PXN Electronics Technology Co., Ltd.					
Address:	Fenghuanggang Xixiang, Baoan, Shenzhen, China						
Manufacturer's name :	Shen Zhen PXN Electronics Technology Co., Ltd.						
Address:	Fenghuanggang Xixiang, Baoai	Fenghuanggang Xixiang, Baoan, Shenzhen, China					
Standard(s):	FCC CFR Title 47 Part 1.1307						
Test item description :	TWS Game headset						
Trade Mark:	N/A						
Model/Type reference :	X2, PXN Sense Buds X2, Sens Sense Buds X1, PXN Sense Bu		-				
Rating(s):	Rechargeable Li-ion Battery DC	C 3.7V					
Date of receipt of test item	Mar. 23, 2022 🕥						
Date (s) of performance of test:	Mar. 23, 2022 - Apr. 08, 2022	Mar. 23, 2022 - Apr. 08, 2022					
Tested by (+signature) :	Brews XU	Brews XU					
Check by (+signature) :	Beryl ZHAO	Book 20 TCT					
Approved by (+signature):	Tomsin	Tomsin					
General disclaimer:							

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1. General Product Information

1.1. EUT description

Test item description::	TWS Game headset		(\mathbf{c}^{*})
Model/Type reference:	X2		
Sample Number	TCT220323E003-0101		
Operation Frequency:	2402MHz~2480MHz	No.	
Modulation Type:	For BT: GFSK, π/4-DQPSK, 8DPSK For BLE: GFSK		
Antenna Type:	Chip Antenna		No.
Antenna Gain:	4.71dBi		
Rating(s):	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.				N	lodel No.			Tes	ted with
1					X2				\boxtimes
Other mod	lels				Sense Buds nse Buds X		e Buds X, se Buds X1		
							e identical in c the remaining		PCB layout,
Hotline	e: 400-	-6611-1	40 Tel: 8	6-755-27673	3339 Fax:	86-755-2767	3332 http://	P. / www.tct-	age 3 of 6 Iab.com

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2. General Information

2.1. Test environment and mode

Item		Normal condition	n	
Temperature		+25ºC		
Voltage		DC 3.7V	$\left(\mathcal{G}^{\prime}\right)$	
Humidity		56%		
Atmospheric Pressure:		1008 mbar	(\mathbf{c})	(C
Test Mode:				
Engineering mode:	Keep the EL	JT in continuous transmi	tting by select chan	nel

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	
Adapter	JD-050200	2012010907576735	1	JD	
				6.6	

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: TCT Testing Industrial Park Fuqiao 5th Industrial Zone, Fuhai Street, 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)] $\cdot [\sqrt{f(GHz)}] \le 3.0$ 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

•	BDR+EDR:

TCT通测检测 TESTING CENTRE TECHNOLOGY

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 0	2.402	0.49	0±1	1	1.26	5	0.39	3.0	

BLE:

										-
3	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	6
	CH 0	2.402	-7.28	-8±1	-7	0.20	5	0.06	3.0	

Result:

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

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