

TABLE OF CONTENTS

1. Test Certification			
2. Test Result Summary		<u><u> </u></u>	4
3. EUT Description			5
4. General Information			6
4.1. Test Environment and Mode	\sim		6
4.2. Description of Support Units			6
5. Facilities and Accreditations			7
5.1. Facilities			7
5.2. Location			
5.3. Measurement Uncertainty	<u>(60)</u>	<u>(0)</u>	7
6. Test Results and Measurement Data.			8
6.1. Antenna Requirement			
6.2. Conducted Emission			9
6.3. Radiated Emission Measurement			
6.4. 20dB Occupied Bandwidth		·····	25
Appendix A: Photographs of Test Setup			

Appendix B: Photographs of EUT

TCT通测检测 1. Test Certification

Product:	Hearing Amplifier & TV Listener	
Model No.:	TV002	
Additional Model No.:	N/A	C
Trade Mark:	N/A	
Applicant:	Xiamen New Sound Technology Co,. Ltd	
Address:	No.13 of Xiang yue Road, Torch Hi-Tech Industrial, Development Zone, Xiang An District, Xiamen, China	ĊĊ
Manufacturer:	Xiamen New Sound Technology Co,. Ltd	0
Address:	No.13 of Xiang yue Road, Torch Hi-Tech Industrial, Development Zone, Xiang An District, Xiamen, China	
Date of Test:	Jul. 29, 2019 – Dec. 06, 2019	
Applicable Standards:	FCC CFR Title 47 Part 15 Subpart C Section 15.249 ANSI C63.10:2013	(C

Report No.: TCT190726E009

The above equipment has been tested by Shenzhen Tongce Testing Lab. and found compliance with the requirements set forth in the technical standards mentioned above. The results of testing in this report apply only to the product/system, which was tested. Other similar equipment will not necessarily produce the same results due to production tolerance and measurement uncertainties.

	Tested By	: Kein Huang	Date:	Dec. 06, 2019	
		Kevin Huang	5)	$\langle \mathcal{O} \rangle$	(C)
	Reviewed By	: Bengt column	Date:	Dec. 09, 2019	
		Hery Zhao		Ś	_
	Approved By	: Estansta	Date:	Dec. 09, 2019	
		Tomsin	5)		(C)
<u>Hotline:</u>	<u>400-6611-140</u>	Tel: 86-755-27673339	Fax: 86-755-276733	_	3 of 37 <u>b.com</u>



2. Test Result Summary

Requirement	CFR 47 Section		Result
Antenna Requirement	§15.203	S.	PASS
AC Power Line Conducted Emission	§15.207		PASS
Field Strength of Fundamental	§15.249 (a)		PASS
Spurious Emissions	§15.249 (a) (d)/ §15.209		PASS
Band Edge	§15.249 (d)/ §15.205	No.	PASS
20dB Occupied Bandwidth	§15.215 (c)		PASS
		1	

Note:

- 1. Pass: Test item meets the requirement.
- 2. Fail: Test item does not meet the requirement.
- 3. N/A: Test case does not apply to the test object.
- 4. The test result judgment is decided by the limit of test standard.

Page 4 of 37



3. EUT Description

Product:	Hearing Amplifier & TV Listener
Model No.:	TV002
Additional Model No.:	N/A
Trade Mark:	N/A
Operation Frequency:	2409MHz - 2475MHz
Number of Channel:	35
Modulation Technology:	FSK
Antenna Type:	PCB Antenna
Antenna Gain:	0.5dBi
Power Supply:	Rechargeable Li-ion Battery DC 3.7V
AC adapter:	Adapter Information: MODEL: GS-0500100 INPUT: AC 100-240V, 50/60Hz, 0.15A Max OUTPUT: DC 5V, 1A

Operation Frequency Each of Channel

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
0	2409MHz	10	2427MHz	19	2445MHz	28	2463MHz
(ှ ်)1	2411MHz) 11	2429MHz	20	2447MHz	29	2465MHz
2	2413MHz	12	2431MHz	21	2449MHz	30	2467MHz
3	2415MHz	13	2433MHz	22	2451MHz	31	2469MHz
4	2417MHz	14	2435MHz	23	2453MHz	32	2471MHz
5	2419MHz	15	2437MHz	24	2455MHz	33	2473MHz
6	2421MHz	16	2439MHz	25	2457MHz	34	2475MHz
7	2423MHz	17	2441MHz	26	2459MHz		-
9	2425MHz	18	2443MHz	27	2461MHz		-

Note:

In section 15.31(*m*), regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

Channel	Frequency
The Lowest channel	2409MHz
The Middle channel	2441MHz
The Highest channel	2475MHz

4. General Information

4.1. Test Environment and Mode

Operating Environment:		
Condition	Conducted Emission	Radiated Emission
Temperature:	25.0 °C	25.0 °C
Humidity:	55 % RH	55 % RH
Atmospheric Pressure:	1010 mbar	1010 mbar

Test Mode:

Engineering mode:	Keep the EUT in continuous transmitting by select
	channel and modulations with Fully-charged battery

The sample was placed 0.8m & 1.5m for the measurement below & above 1GHz above the ground plane of 3m chamber. Measurements in both horizontal and vertical polarities were performed. During the test, each emission was maximized by: having the EUT continuously working, investigated all operating modes, rotated about all 3 axis (X, Y & Z) and considered typical configuration to obtain worst position, manipulating interconnecting cables, rotating the turntable, varying antenna height from 1m to 4m in both horizontal and vertical polarizations. The emissions worst-case(Z axis) are shown in Test Results of the following pages.

4.2. 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
		1		

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.

5. Facilities and Accreditations

5.1.Facilities

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

FCC - Registration No.: 645098

Shenzhen Tongce Testing Lab

The 3m Semi-anechoic chamber 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

The 3m Semi-anechoic chamber of Shenzhen TCT Testing Technology Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing

5.2.Location

Shenzhen Tongce Testing Lab

Address: 1B/F., Building 1, Yibaolai Industrial Park, Qiaotou, Fuyong, Baoan District, Shenzhen, Guangdong, China

TEL: +86-755-27673339

5.3. Measurement Uncertainty

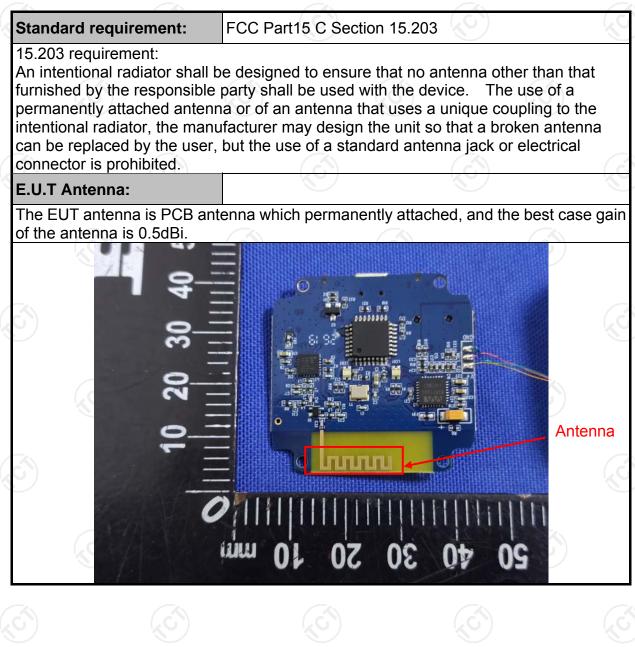
The reported uncertainty of measurement $y \pm U$, where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95 %.

No.	Item	MU
1	Conducted Emission	±2.56dB
2	RF power, conducted	±0.12dB
3	Spurious emissions, conducted	±0.11dB
4	All emissions, radiated(<1GHz)	±3.92dB
5	All emissions, radiated(>1GHz)	±4.28dB
6	Temperature	±0.1°C
7	Humidity	±1.0%



6. Test Results and Measurement Data

6.1. Antenna Requirement



Page 8 of 37

6.2. Conducted Emission

6.2.1. Test Specification

Test Requirement:	FCC Part15 C Section	n 15.207 🕡			
Test Method:	ANSI C63.10:2013	ANSI C63.10:2013			
Frequency Range:	150 kHz to 30 MHz				
Receiver setup:	RBW=9 kHz, VBW=30	RBW=9 kHz, VBW=30 kHz, Sweep time=auto			
	Frequency range	Limit (dBuV)		
	(MHz)	Quasi-peak	Average		
Limits:	0.15-0.5	66 to 56*	56 to 46*		
	0.5-5	56	46		
	5-30	60	50		
		ence Plane			
Test Setup:	Remark: E.U.T: Equipment Under Test LISN: Line Impedence Stabilization Test table height=0.8m	U.T ane EMI Receiver	AC power		
Test Mode:	Transmitting mode wit	h modulation			
Test Procedure:	 The E.U.T and sim power through a lin (L.I.S.N.). This pr impedance for the n The peripheral device power through a L coupling impedance refer to the block photographs). Both sides of A.C conducted interfere emission, the relative the interface cable ANSI C63.10:2013 	e impedance stat ovides a 50ohm neasuring equipm ces are also conne ISN that provides e with 50ohm tern diagram of the . line are checked nce. In order to fin ve positions of equips must be chang	bilization network /50uH coupling ent. ected to the main a 50ohm/50uH nination. (Please test setup and ed for maximum ipment and all o led according to		
Test Result:	PASS				

Page 9 of 37

6.2.2. Test Instruments

Cond	Conducted Emission Shielding Room Test Site (843)										
Equipment	Manufacturer	Model	Serial Number	Calibration Due							
Test Receiver	R&S	ESPI	101402	Jul. 29, 2020							
LISN	Schwarzbeck	NSLK 8126	8126453	Sep. 11, 2020							
Coax cable (9KHz-30MHz)	тст	CE-05	N/A	Sep. 08, 2020							
EMI Test Software	Shurple Technology	EZ-EMC	N/A	N/A							

Note: The calibration interval of the above test instruments is 12 months and the calibrations are traceable to international system unit (SI).

Page 10 of 37

6.2.3. Test data

Please refer to following diagram for individual Conducted Emission on Line Terminal of the power line (150 kHz to 30MHz) 80.0 dBu¥ 70 FCC Part 15C Conduction(QP) 60 FCC Part 15C Conduction(AVG) 50 40 30 20 HV.M.Jel peak 10 0.0 AVG 0.150 0.5 (MHz) 5 30.000 Site 25 Phase: Temperature: L1

Report No.: TCT190726E009

Limit: FCC Part 15C Conduction(QP)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.4020	23.78	10.22	34.00	57.81	- <mark>23.8</mark> 1	QP	
2		0.4020	14.21	10.22	24.43	47.81	-23.38	AVG	
3		0.5685	33.29	10.23	43.52	56.00	-12.48	QP	
4	*	0.5685	25.61	10.23	35.84	46.00	-10.16	AVG	
5		0.7665	22.40	10.26	32.66	56.00	-23.34	QP	
6		0.7665	13.24	10.26	23.50	46.00	-22.50	AVG	
7		1.0500	25.54	10.36	35.90	56.00	-20.10	QP	
8		1.0500	15.17	10.36	25.53	46.00	-20.47	AVG	
9		1.5494	21.99	10.41	32.40	56.00	-23.60	QP	
10		1.5494	11.33	10.41	21.74	46.00	-24.26	AVG	
11		2.4180	20.05	10.45	30.50	56.00	-25.50	QP	
12		2.4180	9.05	10.45	19.50	46.00	-26.50	AVG	

Power:

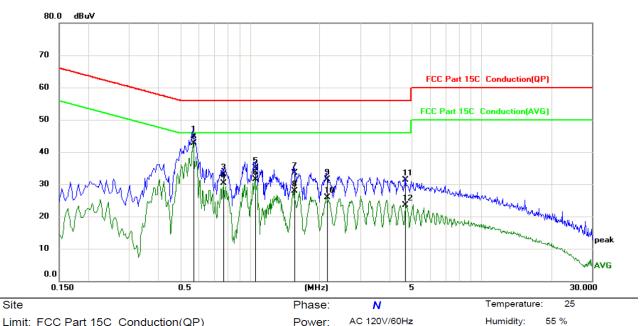
AC 120V/60Hz

Humidity:

55 %

Note:

Freq. = Emission frequency in MHz Reading level $(dB\mu V)$ = Receiver reading Corr. Factor (dB) = LISN factor + Cable loss Measurement $(dB\mu V)$ = Reading level $(dB\mu V)$ + Corr. Factor (dB)Limit $(dB\mu V)$ = Limit stated in standard Margin (dB) = Measurement $(dB\mu V)$ – Limits $(dB\mu V)$ Q.P. =Quasi-Peak AVG =average * is meaning the worst frequency has been tested in the frequency range 150 kHz to 30MHz. Page 11 of 37



Conducted Emission on Neutral Terminal of the power line (150 kHz to 30MHz)

Limit: FCC Part 15C Conduction(QP)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.5685	34.61	10.23	44.84	56.00	-11.16	QP	
2	*	0.5685	32.57	10.23	42.80	46.00	-3.20	AVG	
3		0.7665	22.88	10.26	33.14	56.00	-22.86	QP	
4		0.7665	19.96	10.26	30.22	46.00	-15.78	AVG	
5		1.0545	24.66	10.36	35.02	56.00	-20.98	QP	
6		1.0545	21.19	10.36	31.55	46.00	-14.45	AVG	
7		1.5585	23.00	10.41	33.41	56.00	-22.59	QP	
8		1.5585	17.57	10.41	27.98	46.00	-18.02	AVG	
9		2.1525	21.06	10.45	31.51	56.00	-24.49	QP	
10		2.1525	15.49	10.45	25.94	46.00	-20.06	AVG	
11		4.6815	20.86	10.48	31.34	56.00	-24.66	QP	
12		4.6815	13.05	10.48	23.53	46.00	-22.47	AVG	

Note:

Freq. = Emission frequency in MHz Reading level $(dB\mu V) = Receiver reading$ Corr. Factor (dB) = LISN factor + Cable loss Measurement $(dB\mu V) = Reading \, level \, (dB\mu V) + Corr. Factor \, (dB)$ Limit $(dB\mu V) = Limit$ stated in standard Margin (dB) = Measurement (dB μ V) – Limits (dB μ V) Q.P. =Quasi-Peak

AVG =average

* is meaning the worst frequency has been tested in the frequency range 150 kHz to 30MHz.

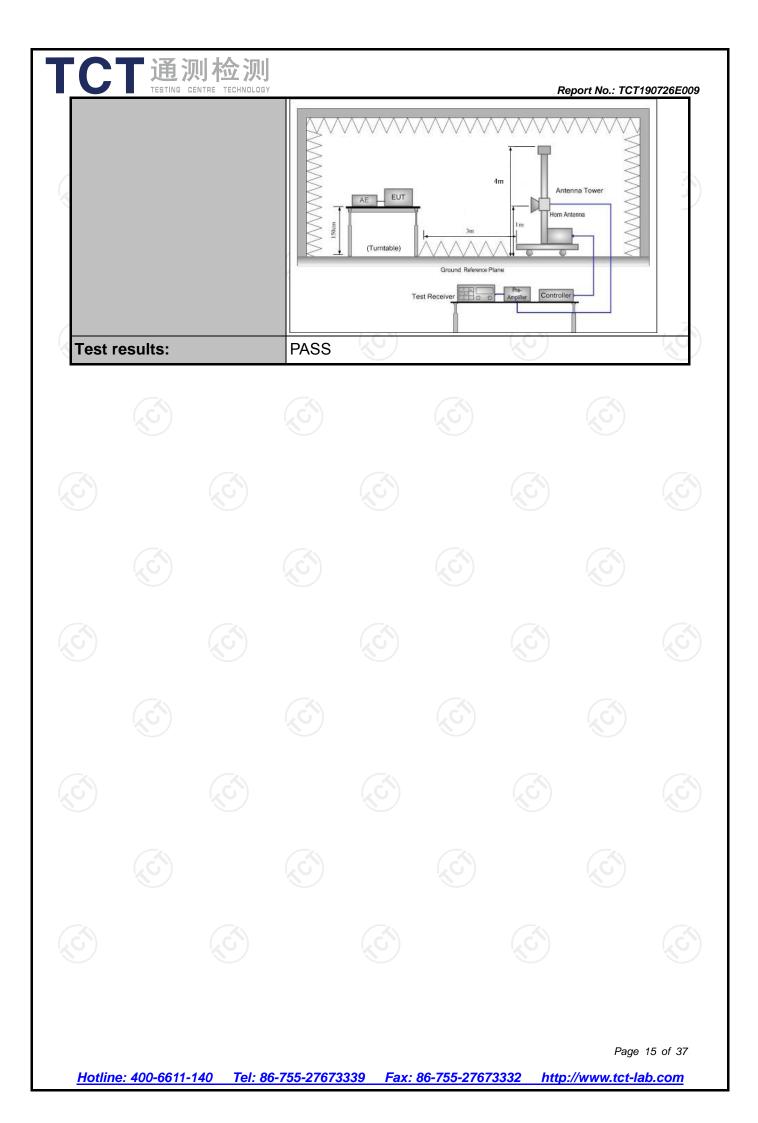
Page 12 of 37

6.3. Radiated Emission Measurement

6.3.1. Test Specification

		-						
Test Requirement:	FCC Part18				R.			
Test Method:	ANSI C63.	10:2013						
Frequency Range:	9 kHz to 25	GHz	C)	19 V VBW Remark Iz 1kHz Quasi-peak Value Iz 30kHz Quasi-peak Value Iz 30kHz Quasi-peak Value Iz 30kHz Quasi-peak Value Iz 30Hz Peak Value Iz 10Hz Average Value Iz 10Hz Average Value IBuV/m @3m) Remark 94.00 Average Value 114.00 Peak Value IBuV/m @3m) Remark 00/F(KHz) Quasi-peak Value 30 Quasi-peak Value 40.0 Quasi-peak Value				
Measurement Distance:	3 m							
Antenna Polarization:	Horizontal &	& Vertical		<i>(</i> 1)				
	Frequency	Detector	RBW	VBW	Remark			
	9kHz- 150kHz	Quasi-peak	200Hz	1kHz	Quasi-peak Value			
Receiver Setup:	150kHz- 30MHz	Quasi-peak	9kHz	30kHz	Quasi-peak Value			
	30MHz-1GHz	Quasi-peak	120kHz	300kHz	Quasi-peak Value			
		Peak	1MHz	3MHz	Peak Value			
	Above 1GHz	Peak	1MHz	10Hz	Average Value			
Limit(Field strength of the	Frequ	ency	Limit (dBu	//m @3m)	Remark			
· •	2400141- 2		94.	00	Average Value			
fundamental signal):	2400MHz-2	483.5MHZ			Peak Value			
	Freque	ency	Limit (dBuV/m @3m)		Remark			
	0.009-0	0.490	2400/F(KHz)		Quasi-peak Value			
	0.490-1.705		24000/	F(KHz)	Quasi-peak Value			
	1.705-30		3	0	Quasi-peak Value			
Limit(Spurious Emissions):	30MHz-8	38MHz	40	.0	Quasi-peak Value			
	88MHz-2	16MHz	43	.5	Quasi-peak Value			
	216MHz-960MHz		46.0		Quasi-peak Value			
	960MHz-1GHz		54.0		Quasi-peak Value			
	Above	1GHz	54		Average Value			
			74		Peak Value			
Limit (band edge) :	bands, exc least 50 dB general ra whichever i	ept for har below the diated em s the lesse	monics, s level of t ission lir er attenua	shall be a he funda nits in s tion.	cified frequency attenuated by a mental or to the Section 15.209			
Test Procedure:	meters below 1GHz. determin 2. The E interfere on the to 3. The ante meters a value o vertical	above the 1GHz, 1.5 The table ne the posi UT was ence-receive op of a vari enna heigh above the g of the field	 The EUT was placed on the top of a rotating table 0 meters above the ground at a 3 meter chamber below 1GHz, 1.5m above the ground in above 1GHz. The table was rotated 360 degrees determine the position of the highest radiation. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. The antenna height is varied from one meter to for meters above the ground to determine the maximu value of the field strength. Both horizontal ar vertical polarizations of the antenna are set to make 					

 4. For each suspected emission, the EUT was arrange to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading. 5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. 6. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not hav 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet. For radiated emissions below 30MHz additional to 1GHz additional to 1GHz above 1GHz The diagram below shows the test setup that is utilized to the tenth harmonic of the highest fundamental frequency or to 40GHz emissions, whichever is lower.) 	Report No.: TCT190726E	CT通测检测 TESTING CENTRE TECHNOLOGY
Test setup: Test setup: Test setup: The diagram below shows the test setup that is utilized to make the measurements for emission from 1GHz to the tenth harmonic of the highest fundamental	ase and then the antenna was tuned to 1 meter to 4 meters and the rotatable ned from 0 degrees to 360 degrees to mum reading. eiver system was set to Peak Detect d Specified Bandwidth with Maximum n level of the EUT in peak mode was an the limit specified, then testing could d the peak values of the EUT would be erwise the emissions that did not have would be re-tested one by one using eak or average method as specified and	
Test setup: Test	ssions below 30MHz	
Test setup: Function	ble Im Receiver	
(The diagram below shows the test setup that is utilized to make the measurements for emission from 1GHz to the tenth harmonic of the highest fundamental	4m 4m RF Test Receiver	est setup:
to make the measurements for emission from 1GHz to the tenth harmonic of the highest fundamental		
	surements for emission from 1GHz to nic of the highest fundamental	



6.3.2. Test Instruments

	Radiated Em	ission Test Site	e (966)	
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Due
Test Receiver	ROHDE&SCHW ARZ	ESIB7	100197	Jul. 29, 2020
Spectrum Analyzer	ROHDE&SCHW ARZ	FSQ40	200061	Sep. 11, 2020
Pre-amplifier	EM Electronics Corporation CO.,LTD	EM30265	07032613	Sep. 08, 2020
Pre-amplifier	HP	8447D	2727A05017	Sep. 08, 2020
Loop antenna	ZHINAN	ZN30900A	12024	Sep. 11, 2020
Broadband Antenna	Schwarzbeck	VULB9163	340	Sep. 06, 2020
Horn Antenna	Schwarzbeck	BBHA 9120D	631	Sep. 11, 2020
Horn Antenna	A-INFO	LB-180400-KF	J211020657	Sep. 06, 2020
Antenna Mast	Keleto	RE-AM	N/A	N/A
Coax cable (9KHz-1GHz)	тст	RE-low-01	N/A	Sep. 08, 2020
Coax cable (9KHz-40GHz)	отст	RE-high-02	N/A	Sep. 08, 2020
Coax cable (9KHz-1GHz)	тст	RE-low-03	N/A	Sep. 08, 2020
Coax cable (9KHz-40GHz)	тст	RE-high-04	N/A	Sep. 08, 2020
EMI Test Software	Shurple Technology	EZ-EMC	N/A	N/A

Note: The calibration interval of the above test instruments is 12 months and the calibrations are traceable to international system unit (SI).

6.3.3. Test Data

Field Strength of Fundamental

	Frequency (MHz)	Emission PK (dBuV/m)	Horizontal /Vertical	Limits PK (dBuV/m)	Margin (dB)
	2409	86.88	Н	114	-27.12
	2409	86.46	V	114	-27.54
	2441	85.29	н	114	-28.71
	2441	84.75	V	114	-29.25
C.C.	2475	83.96	(C H	114	-30.04
	2475	85.37	V	114	-28.63

Frequency (MHz)	Emission AV (dBuV/m)	Horizontal /Vertical	Limits AV (dBuV/m)	Margin (dB)
2409	73.59	Н	94	-20.41
2409	74.66	V	94	-19.34
2441	72.73	Н	94	-21.27
2441	74.55	V	94	-19.45
2475	72.39	H (C	94	-21.61
2475	73.42	V	94	-20.58

Spurious Emissions

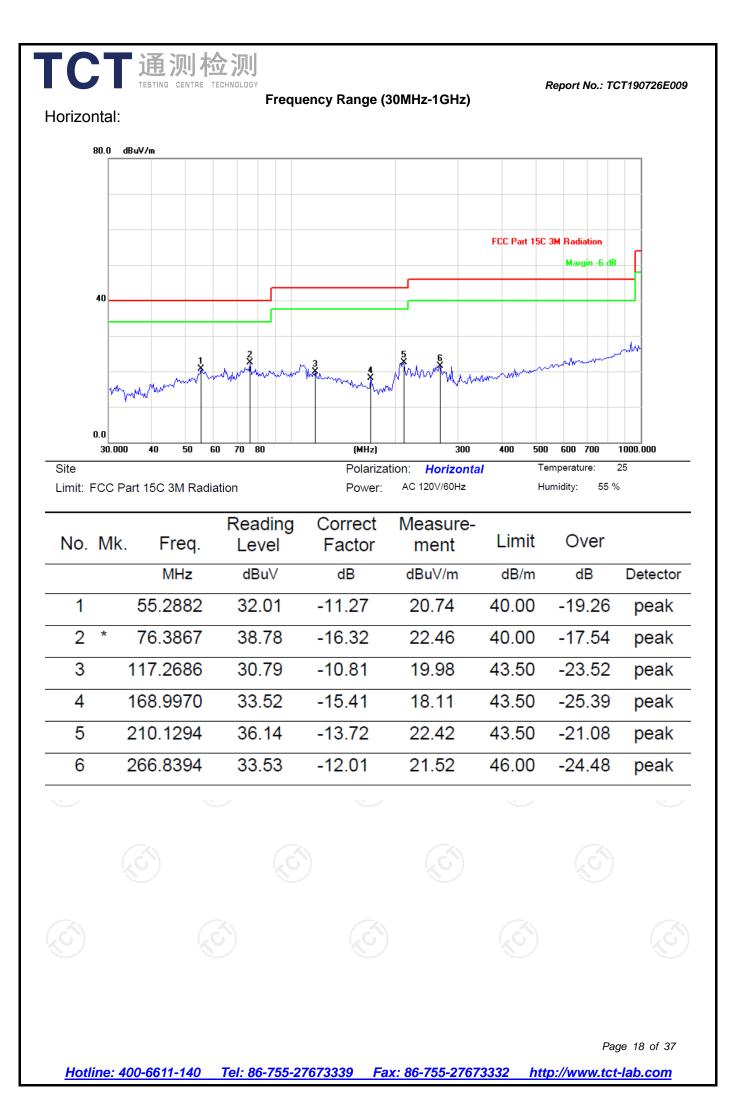
Frequency Range (9 kHz-30MHz)

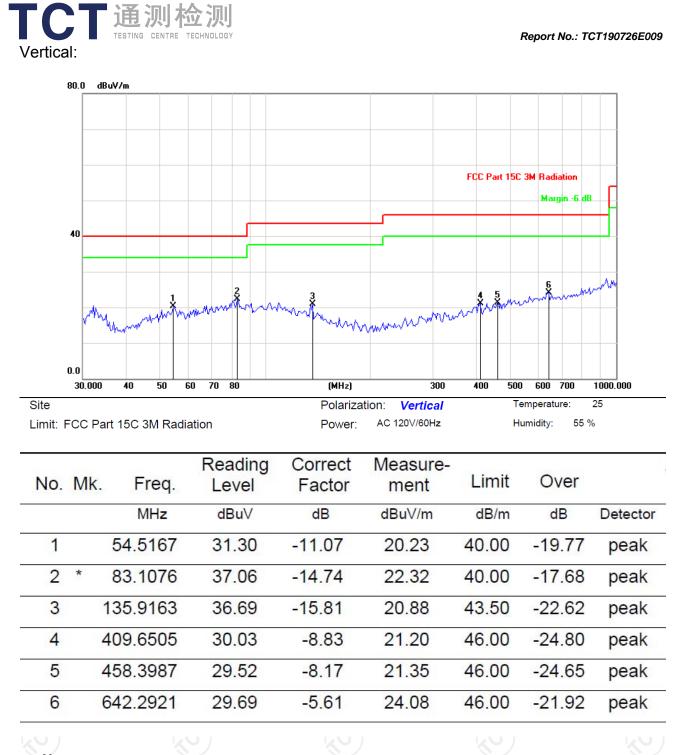
Frequency (MHz)	Level@	€)3m (dBµ	V/m)	Limit@3m (dBµV/m)
				-
· · · · · · · · · · · · · · · · · · ·				
				()

Note: 1. Emission Level=Reading+ Cable loss-Antenna factor-Amp factor.

2. The emission levels are 20 dB below the limit value, which are not reported. It is deemed to comply with the requirement.

3. For fundamental frequency, RBW >20dB BW , VBW>=RBW, PK detector is for PK value, RMS detector is for AV value.





Note: 1. Measurements were conducted in all channels (high, middle, low), and the worst case (low channel) was submitted only.

2. Any value more than 10dB below limit have not been specifically reported.

Page 19 of 37

		则 检 河					R	eport No.: T	CT190726E009
				Above Low channe	• 1GHz • • • 2409MH	7			
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	AV reading (dBuV)	Correction	Emissic	n Level	Peak limit (dBµV/m)	AV limit (dBµV/m)	Margin (dB)
4818.00	Н	51.15		-3.94	47.21		74	54	-6.79
7227.00	Н	49.76		0.52	50.28		74	54	-3.72
4818.00	V	49.62		-3.94	45.68		74	54	-8.32
7227.00	V	46.44		0.52	46.96		74	54	-7.04
				/		-			

			N	el: 2441M	Hz				
Frequency	Ant Dol	Peak	AV	Correction		n Level	Peak limit	AV/ limit	Margin
(MHz)	H/V	reading	reading	Factor	Peak AV (dBµV/m) (dBµV/m)	(dRuV/m)	(dBuV/m)	(dB)	
(1011 12)	1 I/ V	(dBµV)	(dBµV)	(dB/m)	(dBµV/m)	(dBµV/m)	(uph v/m)	(ubµv/m)	(UD)
4882.00	Н	52.24		-3.98	48.26		74	54	-5.74
7323.00	Н	49.36		0.57	49.93		74	54	-4.07
					/				
	X (0)		k V			(0)			
4882.00	V	51.85		-3.98	47.87		74	54	-6.13
7323.00	V	49.34		0.57	49.91		74	54	-4.09

				High channe	el: 2475MF	Ηz			
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	AV reading (dBµV)	Correction Factor (dB/m)		on Level AV (dBµV/m)	Peak limit (dBµV/m)	AV limit (dBµV/m)	Margin (dB)
4950.00	Н	53.17		-3.98	49.19		74	54	-4.81
7425.00	H I	48.67		0.57	49.24	-	74	54	-4.76
			-						
4950.00	V	52.49		-3.98	48.51		74	54	-5.49
7425.00	V	50.76		0.57	51.33		74	54	-2.67
)				

Note:

1. Emission Level=Peak Reading + Correction Factor; Correction Factor= Antenna Factor + Cable loss - Pre-amplifier

2. Margin (dB) = Emission Level (Peak) (dB μ V/m)-Average limit (dB μ V/m)

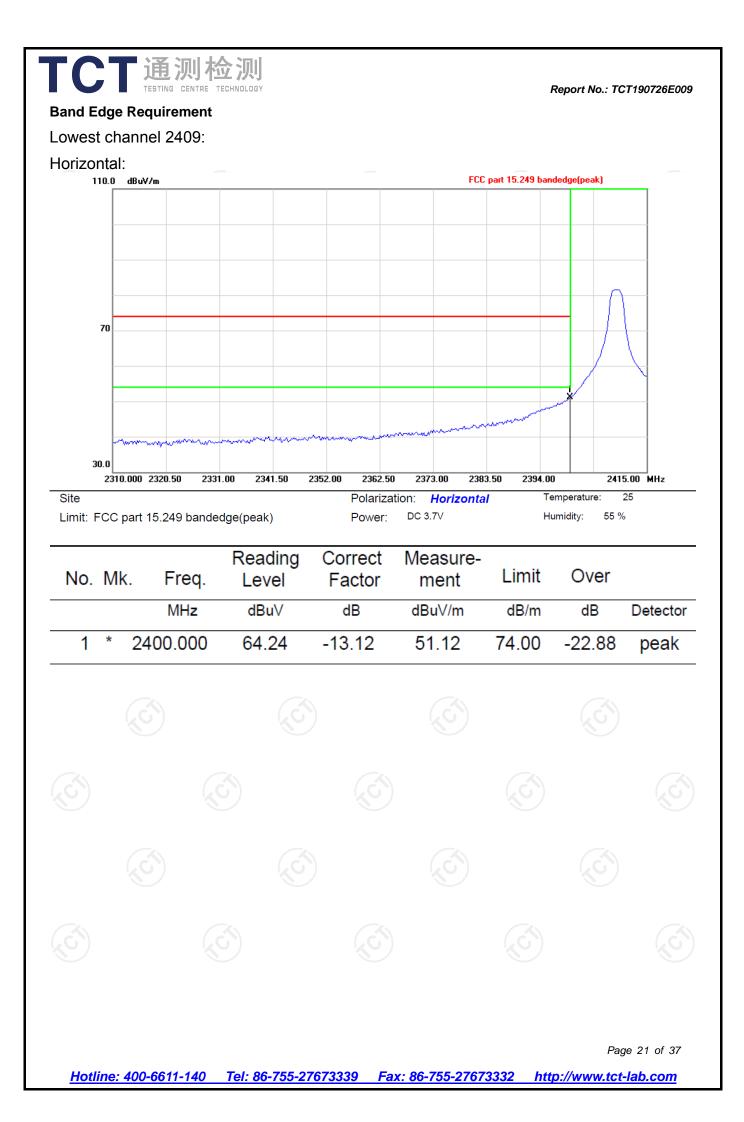
3. The emission levels of other frequencies are very lower than the limit and not show in test report.

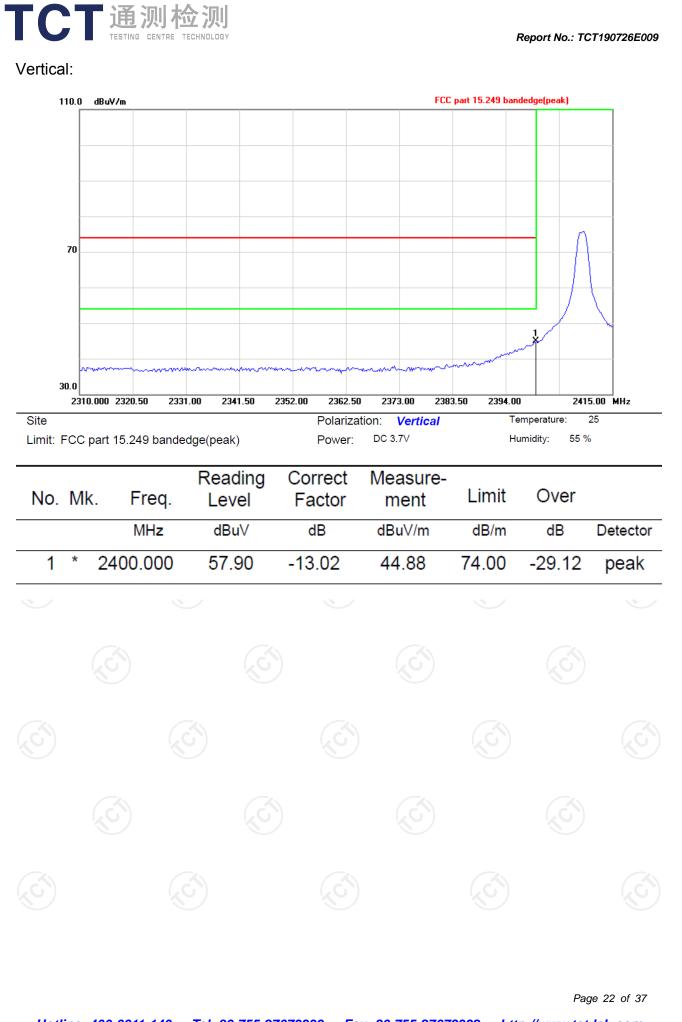
4. Measurements were conducted from 1 GHz to the 10th harmonic of highest fundamental frequency.

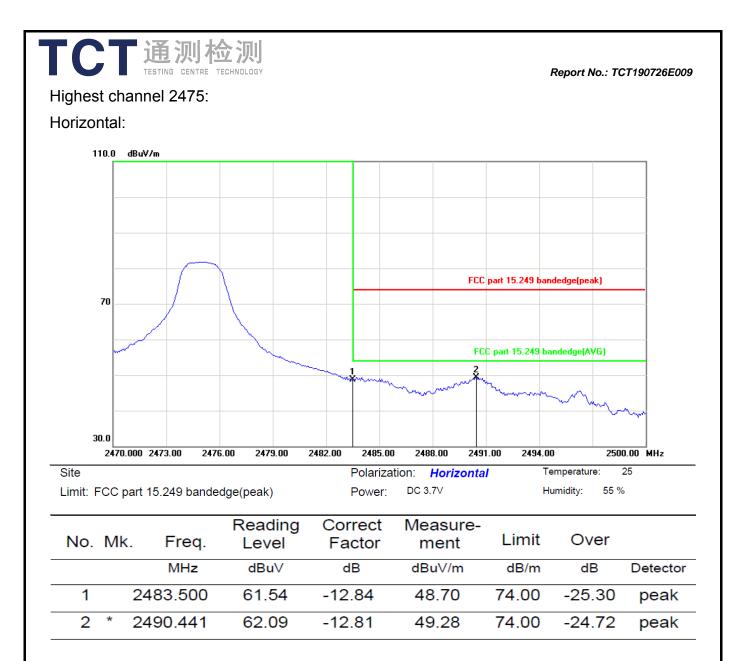
5. Data of measurement shown "---"in the above table mean that the reading of emissions is attenuated more than 20 dB below the limits or the field strength is too small to be measured.

6. All the restriction bands are compliance with the limit of 15.209.

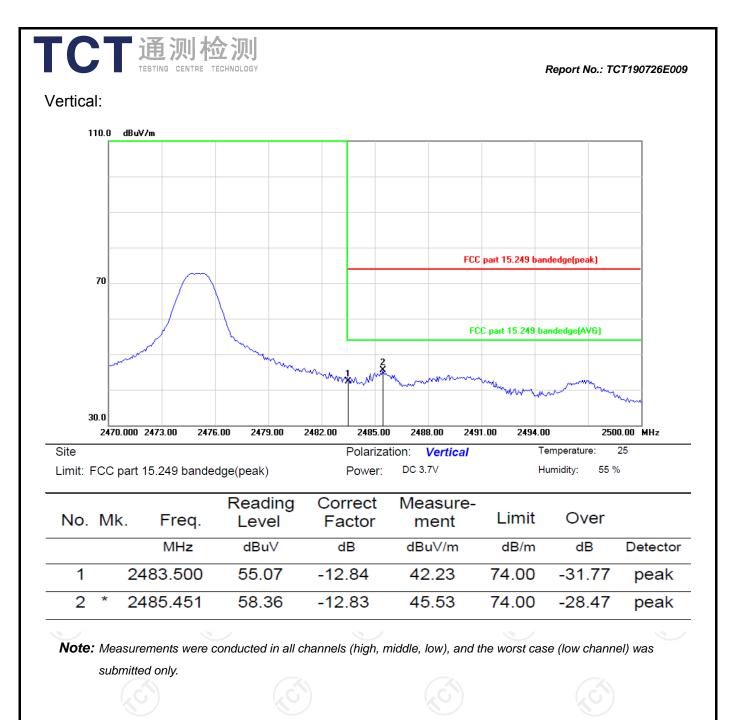
Page 20 of 37











Page 24 of 37



6.4. 20dB Occupied Bandwidth

6.4.1. Test Specification

Test Requirement:	FCC Part15 C Section 15.215(c)			
Test Method:	ANSI C63.10: 2013			
Limit:	N/A			
	 According to the follow Test-setup, keep the relative position between the artificial antenna and the EUT. Set to the maximum power setting and enable the EUT transmit continuously. Use the following spectrum analyzer settings for 20dB Bandwidth measurement. Span = approximately 2 to 3 times the 20 dB bandwidth, centered on a hopping channel; RBW≥1% of the 20 dB bandwidth; VBW≥RBW; Sweep = auto; Detector function = peak; Trace = max hold. Measure and record the results in the test report. 			
Test setup:	Spectrum Analyzer			
Test Mode:	Transmitting mode with modulation			
Test results:	PASS			

6.4.2. Test Instruments

I	Equipment	Manufacturer	Model	Serial Number	Calibration Due
(Spectrum Analyzer	R&S	FSU	200054	Sep. 11, 2020

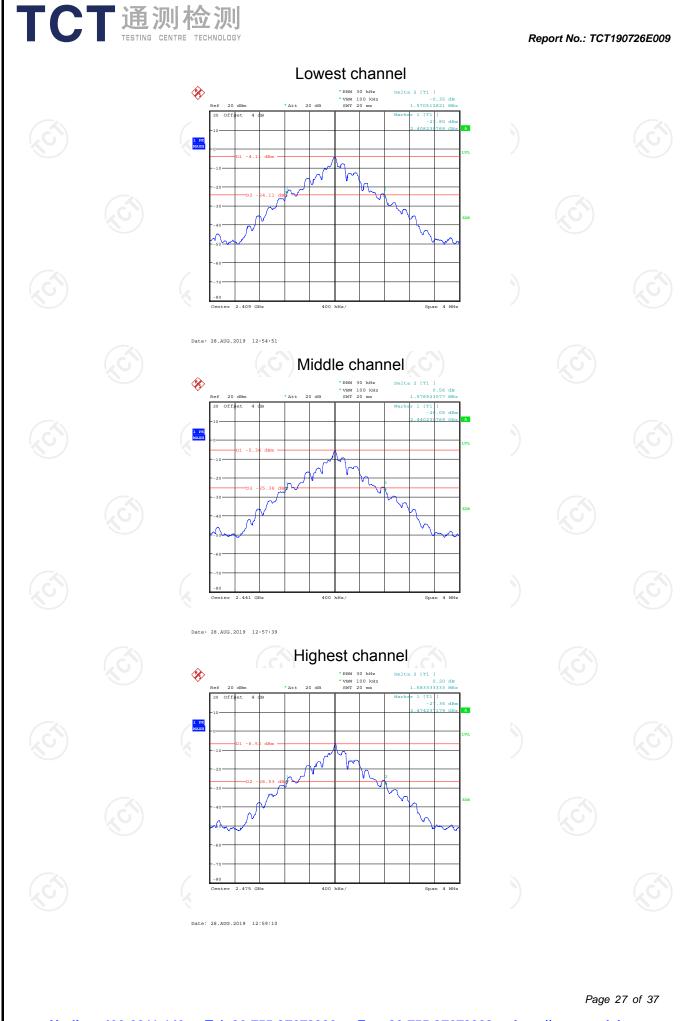
Note: The calibration interval of the above test instruments is 12 months and the calibrations are traceable to international system unit (SI).

6.4.3. Test data

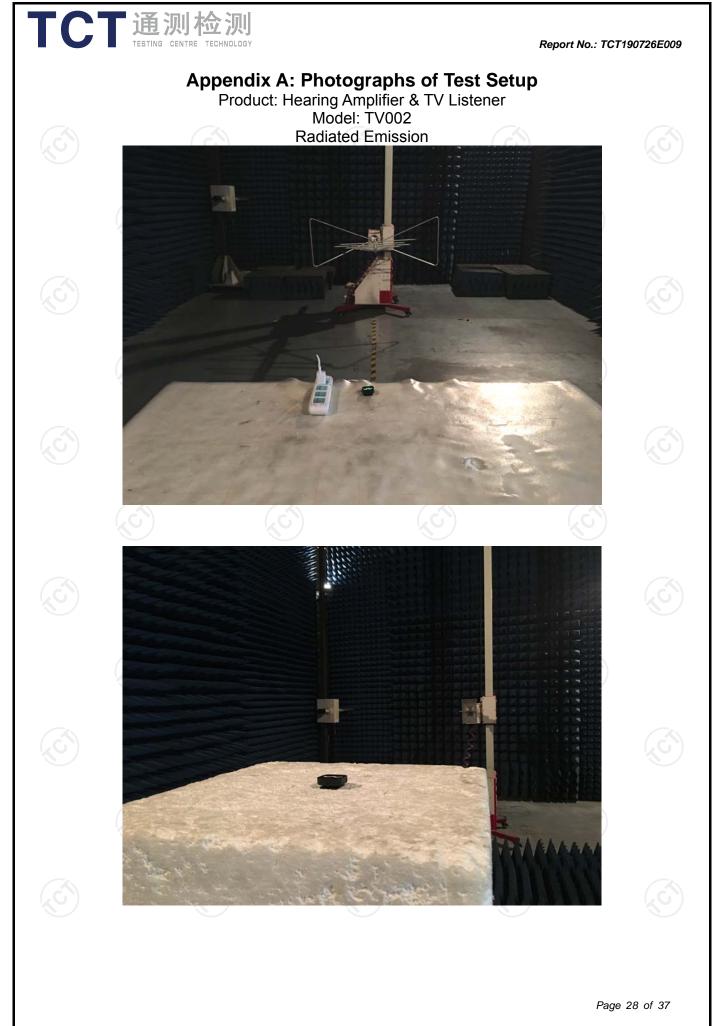
Report No.: TCT190726E009

Test Channe	20dB Occupy Bandwidth (kHz)	Limit	Conclusion
Lowest	1570.51	- (3)	PASS
Middle	1576.92		PASS
Highest	1583.33		PASS
Test plots as follow	s:		

Page 26 of 37



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



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



