TEST REPORT

FCC ID: 2ANJHWYZECP1 Product: WYZE CAM PAN Model No.: WYZECP1 Additional Model No.: N/A Trade Mark: WYZE CAM Report No.: TCT171218E036 Issued Date: Mar. 07, 2018

Issued for:

TianJin HuaLai Technology Co., Ltd. No.10 JinPing Road, Ya An Street, Nankai District Tianjin, China

Issued By:

Shenzhen Tongce Testing Lab. 1B/F., Building 1, Yibaolai Industrial Park, Qiaotou, Fuyong, Baoan District, Shenzhen, Guangdong, China TEL: +86-755-27673339

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TCT 通测检测 TESTING CENTRE TECHNOLOGY

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Test Certification 1.

Report No.: TCT171218E036

Product:	WYZE CAM PAN	
Model No.:	WYZECP1	
Additional Model:	N/A	
Trade Mark:	WYZE CAM	
Applicant:	TianJin HuaLai Technology Co., Ltd.	
Address:	No.10 JinPing Road, Ya An Street, Nankai District Tianjin, China	
Manufacturer:	TianJin HuaLai Technology Co., Ltd.	
Address:	No.10 JinPing Road, Ya An Street, Nankai District Tianjin, China	
Factory:	Tianjin FULAIDI Communication Equipment Co., Ltd	
Address:	No.Building A2-4,SaiDa International Industry Park, XiQing Economic and Technological Development Area, Tianjin, China	
Date of Test:	Nov. 18, 2017 – Mar. 06, 2018	
Applicable Standards:	FCC CFR Title 47 Part 15 Subpart C Section 15.247 KDB 558074 D01 DTS Meas Guidance v04	

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:	J'm Wang	Date:	Mar. 06, 2018	
Reviewed By:	Jin Wang Benf there	 Date:	Mar. 07, 2018	
Approved By:	Beryl Zhao	Date:	Mar. 07, 2018	
	Tomsin			
Hotline: 400-6611-140	Tel: 86-755-27673339	Fax: 86-755-2767333	Page 3 2 http://www.tct-lab.c	

Report No.: TCT171218E036 **Test Result Summary** 2. Result Requirement **CFR 47 Section** PASS Antenna requirement §15.203/§15.247 (c) AC Power Line Conducted PASS §15.207 Emission §15.247 (b)(3) Conducted Peak Output PASS Power §2.1046 §15.247 (a)(2) 6dB Emission Bandwidth PASS §2.1049 Power Spectral Density §15.247 (e) PASS 1§5.247(d) Band Edge PASS §2.1051, §2.1057 §15.205/§15.209 PASS Spurious Emission §2.1053, §2.1057 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 73



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3. EUT Description

Product:	WYZE CAM PAN				
Model No.:	WYZECP1				
Additional Model:	N/A				
Trade Mark:	WYZE CAM				
Operation Frequency:	2412MHz~2462M 2422MHz~2452M	`	0	n(HT20))	
Channel Separation:	5MHz				
Number of Channel:	11 for 802.11b/802.11g/802.11n(HT20) 7 for 802.11n(HT40)				
Modulation Technology: (IEEE 802.11b)	Direct Sequence S	Spread Spectrum	(DSSS)		
Modulation Technology: (IEEE 802.11g/802.11n)	Orthogonal Freque	ency Division Mul	tiplexing(OI	FDM)	
Data speed (IEEE 802.11b):	1Mbps, 2Mbps, 5.	5Mbps, 11Mbps			
Data speed (IEEE 802.11g):	6Mbps, 9Mbps, 12 48Mbps, 54Mbps	Mbps, 18Mbps, 2	24Mbps, 36	Mbps,	
Data speed (IEEE 802.11n):	Up to 150Mbps				
Antenna Type:	Internal Antenna				
Antenna Gain:	2dBi				
Power Supply:	Adapter Information MODEL: KA1517- INPUT: 100-240V OUTPUT: 5V, 200	0502000EUU ~50/60Hz 0.35A N	Max		

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Operation Frequency each of channel For 802.11b/g/n(HT20)

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
1	2412MHz	4	2427MHz	7	2442MHz	10	2457MHz
2	2417MHz	5	2432MHz	8	2447MHz	11	2462MHz
3	2422MHz	6	2437MHz	9	2452MHz		

Operation Frequency each of channel For 802.11n (HT40)

	Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
)		- (20)	4	2427MHz	57	2442MHz		
			5	2432MHz	8	2447MHz		
	3	2422MHz	6	2437MHz	9	2452MHz		

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:

802.11b/802.11g/802.11n (HT20)

Channel	Frequency
The lowest channel	2412MHz
The middle channel	2437MHz
The Highest channel	2462MHz

802.<u>11n (HT40)</u>

Channel	Frequency
The lowest channel	2422MHz
The middle channel	2437MHz
The Highest channel	2452MHz

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Operating Environment:			
Temperature:	25.0 °	C	
Humidity:	56 %	RH	
Atmospheric Pressure:	1010	mbar	
Fest Mode:			
Engineering mode:	by sel	the EUT in continu ect channel and m of duty cycle is 98	nodulations(The
continuously working, investig 2) and considered typical conf nterconnecting cables, rotatin both horizontal and vertical po	figuration to obtain g the turntable, var larizations. The em	worst position, ma ying antenna heigl issions worst-case	nipulating ht from 1m to 4m i e are shown in Tes
 and considered typical conf nterconnecting cables, rotatin 	figuration to obtain g the turntable, var larizations. The em . For the full battery tion and function in	worst position, ma ying antenna heigl issions worst-case state and The ou typical operation.	nipulating ht from 1m to 4m i e are shown in Tes tput power to the All the test modes
2) and considered typical conf interconnecting cables, rotatin both horizontal and vertical po Results of the following pages naximum state. We have verified the construct vere carried out with the EUT eport and defined as follows: Per-scan all kind of data rate	figuration to obtain g the turntable, var larizations. The em . For the full battery tion and function in in transmitting ope	worst position, ma ying antenna heigl issions worst-case state and The ou typical operation. ration, which was	nipulating ht from 1m to 4m i e are shown in Tes tput power to the All the test modes shown in this test
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2) and considered typical confinterconnecting cables, rotatin both horizontal and vertical po Results of the following pages naximum state. We have verified the construct vere carried out with the EUT eport and defined as follows: Per-scan all kind of data rate vas worst case. Mode 802.11b	figuration to obtain g the turntable, var larizations. The em . For the full battery tion and function in in transmitting ope	worst position, ma ying antenna heigh issions worst-case state and The ou typical operation. ration, which was I, and found the f Data ra 1Mbps	nipulating ht from 1m to 4m i e are shown in Test tput power to the All the test modes shown in this test follow list which tte s
2) and considered typical confinterconnecting cables, rotatin both horizontal and vertical po Results of the following pages naximum state. We have verified the construct vere carried out with the EUT eport and defined as follows: Per-scan all kind of data rate vas worst case. Mode 802.11b 802.11g	figuration to obtain g the turntable, var larizations. The em . For the full battery tion and function in in transmitting ope	worst position, ma ying antenna heigh issions worst-case y state and The ou typical operation. ration, which was I, and found the f Data ra 1Mbps 6Mbps	All the test modes shown in this test follow list which ate
2) and considered typical confinterconnecting cables, rotatin both horizontal and vertical po Results of the following pages naximum state. We have verified the constructive vere carried out with the EUT eport and defined as follows: Per-scan all kind of data rate was worst case. Mode 802.11b 802.11g 802.11n(H20)	figuration to obtain g the turntable, var larizations. The em . For the full battery tion and function in in transmitting ope	worst position, ma ying antenna heigh issions worst-case y state and The ou typical operation. ration, which was I, and found the f Data ra 1Mbps 6Mbps 6.5Mbp	All the test modes shown in this test follow list which ate

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4.2. Description of Support Units

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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	1	/	1	I

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, 6dB Emission Bandwidth, Power Spectral Density, 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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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

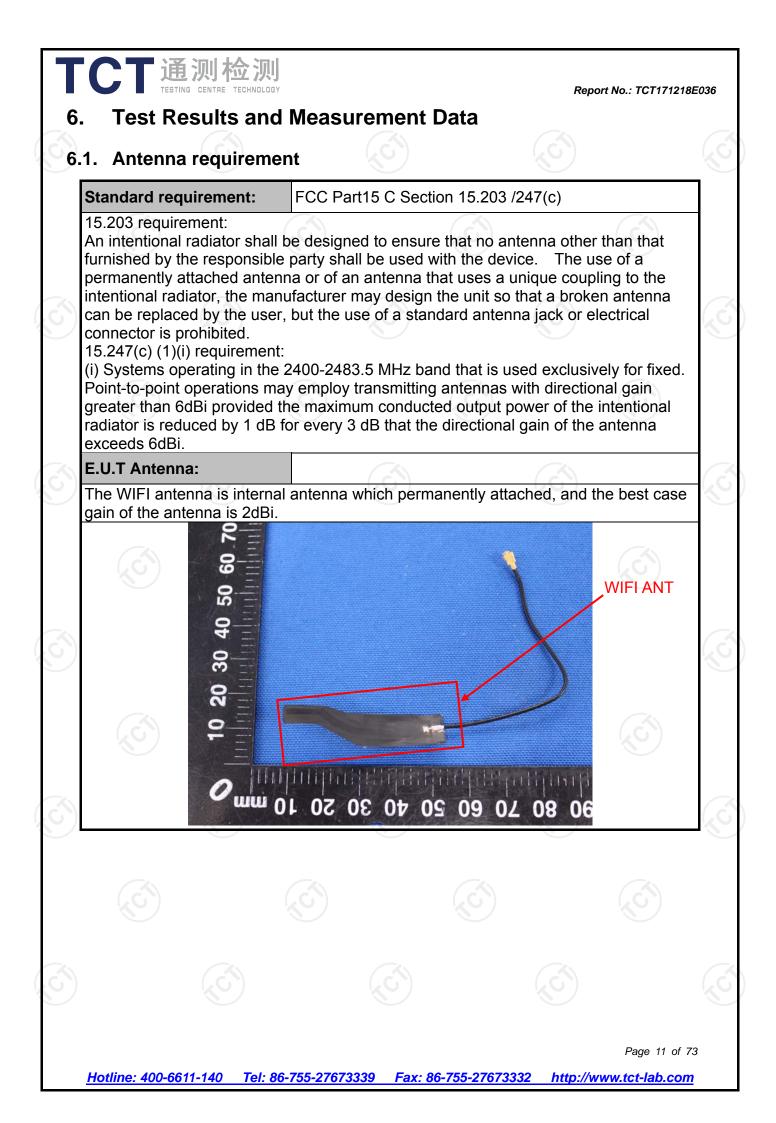
Address: 1B/F., Building 1, Yibaolai Industrial Park, Qiaotou, Fuyong, Baoan District, Shenzhen, Guangdong, China

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(<1G)	±3.92dB
5	All emissions, radiated(>1G)	±4.28dB
6	Temperature	±0.1°C
7	Humidity	±1.0%



2. Conducted Emiss			
Test Requirement:	FCC Part15 C Section	n 15.207	
Fest Method:	ANSI C63.10:2013	(\mathcal{C})	(\mathcal{C})
Frequency Range:	150 kHz to 30 MHz		
Receiver setup:	RBW=9 kHz, VBW=3	0 kHz, Sweep time	=auto
_imits:	Frequency range (MHz) 0.15-0.5 0.5-5 5-30	Limit (c Quasi-peak 66 to 56* 56 60	BuV) Average 56 to 46* 46 50
	Referen	ce Plane	
Гest Setup:	E.U.T AC pow Test table/Insulation plan Remark: E.U.T: Equipment Under Test LISN: Line Impedence Stabilization, Test table height=0.8m	e EMI Receiver	— AC power
Fest Mode:	Charging + transmittin	ng with modulation	
Test Procedure:	 The E.U.T is conneline impedance staprovides a 500hm, measuring equipme The peripheral devipower through a L coupling impedance refer to the block photographs). Both sides of A.C conducted interfere emission, the relativity the interface cable ANSI C63.10: 2013 	abilization network /50uH coupling im ent. ices are also conne ISN that provides e with 50ohm term diagram of the c. line are checke ence. In order to fir we positions of equi es must be chang	(L.I.S.N.). This pedance for the ected to the main a 500hm/50uH hination. (Please test setup and d for maximum d for maximum ipment and all of ed according to
Test Result:	PASS		

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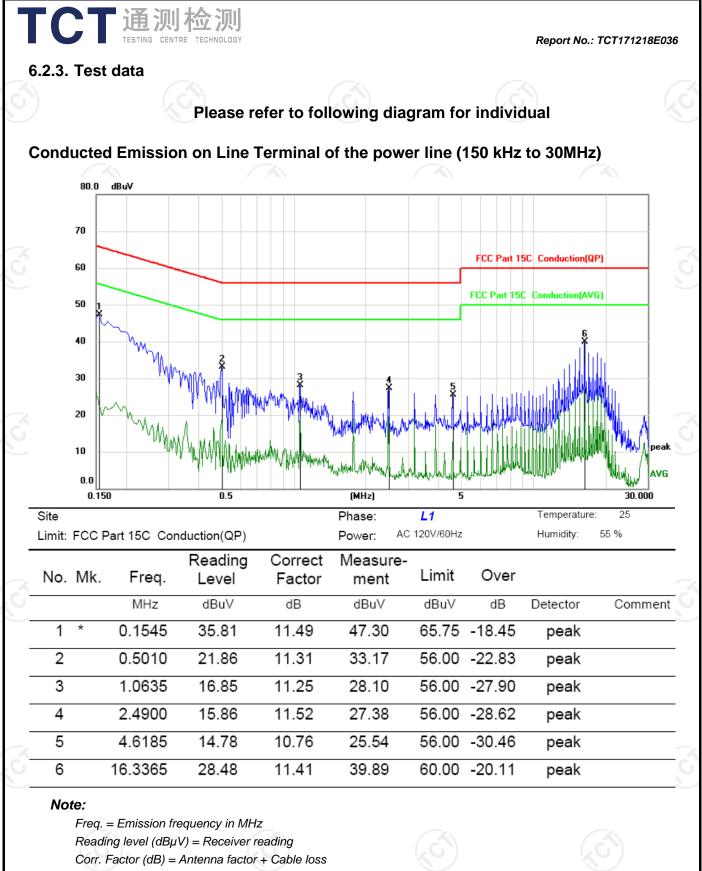
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6.2.2. Test Instruments

Conducted Emission Shielding Room Test Site (843)					
Equipment	Manufacturer	Model	Serial Number	Calibration Due	
Test Receiver	R&S	ESPI	101401	Jun. 12, 2018	
LISN	Schwarzbeck	NSLK 8126	8126453	Sep. 27, 2018	
Coax cable (9KHz-30MHz)	тст	CE-05	N/A	Sep. 27, 2018	
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).

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Measurement $(dB\mu V) = Reading \, level \, (dB\mu V) + Corr. Factor (dB)$

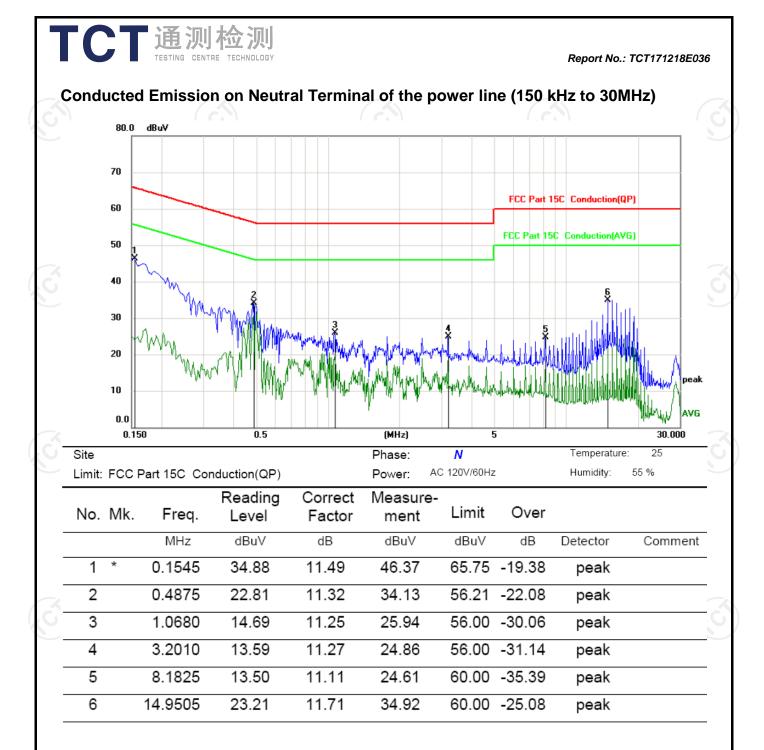
 $Limit (dB\mu V) = Limit stated in standard$

 $Margin (dB) = Measurement (dB\mu V) - Limits (dB\mu V)$

Q.P. =Quasi-Peak AVG =average

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

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Note:

Freq. = Emission frequency in MHz Reading level $(dB\mu V)$ = Receiver reading

Corr. Factor (dB) = Antenna 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.

3.1. Test Specification	
Test Requirement:	FCC Part15 C Section 15.247 (b)(3)
Test Method:	KDB 558074
Limit:	30dBm
Test Setup:	Spectrum Analyzer EUT
Test Mode:	Transmitting mode with modulation
Test Procedure:	 The testing follows the Measurement Procedure of FCC KDB No. 558074 DTS D01 Meas. Guidance v04. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement. Set to the maximum power setting and enable the EUT transmit continuously. Measure the conducted output power and record the results in the test report.
Test Result:	PASS

6.3.2. Test Instruments

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RF Test Room				
Equipment	Manufacturer	Model	Serial Number	Calibration Due
Spectrum Analyzer	Agilent	N9020A	MY49100060	Sep. 27, 2018
RF Cable (9KHz-26.5GHz)	тст	RE-06	N/A	Sep. 27, 2018
Antenna Connector	тст	RFC-01	N/A 🎺	Sep. 27, 2018

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

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6.4.	て通测检测 Emission Bandwidth Test Specification	Report No.: TCT171218E03	36
Tes	t Requirement:	FCC Part15 C Section 15.247 (a)(2)	
Tes	t Method:	KDB 558074	
Lim	iit:	>500kHz	
Tes	t Setup:	Spectrum Analyzer EUT	
Tes	t Mode:	Transmitting mode with modulation	
Tes	t Procedure:	 The testing follows FCC KDB Publication No. 558074 DTS D01 Meas. Guidance v04. Set to the maximum power setting and enable the EUT transmit continuously. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 100 kHz. Set the Video bandwidth (VBW) = 300 kHz. In order to make an accurate measurement. The 6dB bandwidth must be greater than 500 kHz. Measure and record the results in the test report. 	
Tes	t Result:	PASS	

6.4.2. Test Instruments

RF Test Room				
Equipment	Manufacturer	Model	Serial Number	Calibration Due
Spectrum Analyzer	Agilent	N9020A	MY49100060	Sep. 27, 2018
RF Cable (9KHz-26.5GHz)	тст	RE-06	N/A	Sep. 27, 2018
Antenna Connector	тст	RFC-01	N/A	Sep. 27, 2018

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

CT通测检测 TESTING CENTRE TECHNOLOGY	Report No.: TCT171218E
5. Power Spectral Den	sity
5.1. Test Specification	
Test Requirement:	FCC Part15 C Section 15.247 (e)
Test Method:	KDB 558074
Limit:	The average power spectral density shall not be greater than 8dBm in any 3kHz band at any time interval of continuous transmission.
Test Setup:	
	Spectrum Analyzer EUT
Test Mode:	Transmitting mode with modulation
Test Procedure:	 The testing follows Measurement Procedure 10.3 Method AVGPSD of FCC KDB Publication No.558074 D01 DTS Meas. Guidance v04 The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement. Set to the maximum power setting and enable the EUT transmit continuously. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW): 3 kHz ≤ RBW ≤ 100 kHz. Video bandwidth VBW ≥ 3 x RBW. Set the span to at least 1.5 times the OBW. Detector = RMS, Sweep time = auto couple. Employ trace averaging (RMS) mode over a minimum of 100 traces. Use the peak marker function to determine the maximum power level. Measure and record the results in the test report.
Test Result:	PASS

6.5.2. Test Instruments

RF Test Room					
Equipment	Manufacturer	Model	Serial Number	Calibration Due	
Spectrum Analyzer	Agilent	N9020A	MY49100060	Sep. 27, 2018	
RF Cable (9KHz-26.5GHz)	тст	RE-06	N/A	Sep. 27, 2018	
Antenna Connector	ТСТ	RFC-01	N/A	Sep. 27, 2018	

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

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6.6. Conducted Band Edge and Spurious Emission Measurement

6.6.1. Test Specification

Test Requirement:	FCC Part15 C Section 15.247 (d)
Fest Method:	KDB558074
Limit:	In any 100 kHz bandwidth outside of the authorized frequency band, the emissions which fall in the non-restricted bands shall be attenuated at least 20 dB / 30dB relative to the maximum PSD level in 100 kHz by RF conducted measurement and radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a).
Test Setup:	
	Spectrum Analyzer EUT
Test Mode:	Transmitting mode with modulation
Test Procedure:	 The testing follows FCC KDB Publication No. 558074 D01 DTS Meas. Guidance v04. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement. Set to the maximum power setting and enable the EUT transmit continuously. Set RBW = 100 kHz, VBW=300 kHz, Peak Detector. Unwanted Emissions measured in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz when maximum peak conducted output power procedure is used. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB per 15.247(d). Measure and record the results in the test report. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

RF Test Room Equipment Model **Calibration Due** Manufacturer **Serial Number** Spectrum Analyzer N9020A MY49100060 Sep. 27, 2018 Agilent **RF** Cable TCT **RE-06** N/A Sep. 27, 2018 (9KHz-26.5GHz) Antenna Connector TCT **RFC-01** N/A Sep. 27, 2018 Note: The calibration interval of the above test instruments is 12 months and the calibrations are traceable to international system unit (SI).

6.6.2. Test Instruments

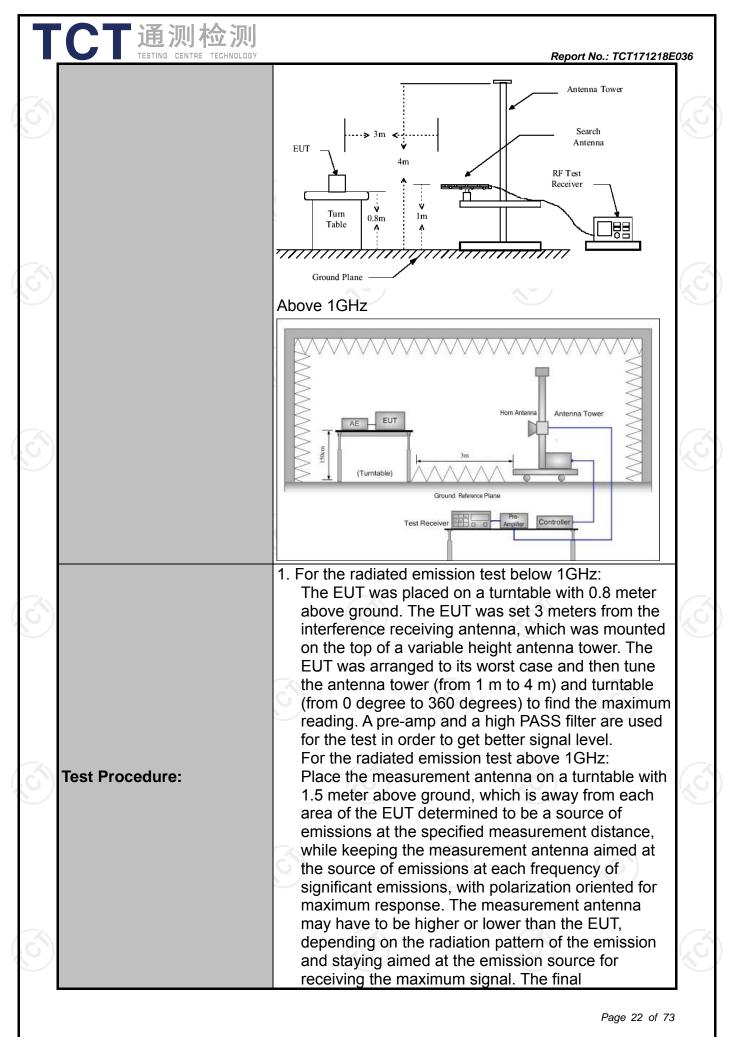
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Report No.: TCT171218E036 6.7. Radiated Spurious Emission Measurement 6.7.1. Test Specification FCC Part15 C Section 15.209 **Test Requirement: Test Method:** ANSI C63.10: 2013 9 kHz to 25 GHz **Frequency Range: Measurement Distance:** 3 m Horizontal & Vertical Antenna Polarization: Transmitting mode with modulation **Operation mode:** VBW Detector RBW Frequency Remark 9kHz- 150kHz 200Hz 1kHz Quasi-peak Value Quasi-peak 150kHz-Quasi-peak 9kHz 30kHz Quasi-peak Value **Receiver Setup:** 30MHz 30MHz-1GHz Quasi-peak 100KHz 300KHz Quasi-peak Value Peak 1MHz 3MHz Peak Value Above 1GHz Peak 1MHz 10Hz Average Value Field Strength Measurement Frequency (microvolts/meter) Distance (meters) 0.009-0.490 2400/F(KHz) 300 0.490-1.705 24000/F(KHz) 30 1.705-30 30 30 100 30-88 3 88-216 150 3 Limit: 216-960 200 3 500 3 Above 960 Measurement Field Strength Frequency Distance Detector (microvolts/meter) (meters) 500 3 Average Above 1GHz 5000 3 Peak For radiated emissions below 30MHz Distance = 3mComputer Pre -Amplifier Test setup: EUT Turn table 0.8m Receiver Ground Plane 30MHz to 1GHz Page 21 of 73

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Hotline: 400-6611-140



3	通测检测 TESTING CENTRE TECHNO	max ante rest abo 3. Corr Rea 4. For r of th	kimizes the enna elevati ricted to a r ve the grou ected Read ad Level - P measureme ne EUT mea	emissions. T ion for maxin ange of heig nd or referen ing: Antenna reamp Facto nt below 1G	ration shall The measur num emissi phts of from nce ground a Factor + C or = Level Hz, If the en e peak dete	ons shall be 1 m to 4 m plane. Cable Loss + mission level ector is 3 dB	
Test resu	lts:	mea dete 5. Use (1) \$ (2) \$ (2) \$ (3) \$ f For duty whe the tran	asurement v ector and re the followin Span shall w emission be Set RBW=1 Sweep = au nax hold; Set RBW = or peak me average me v cycle is no en duty cycle minimum tr smitter is o	ported. g spectrum vide enough ing measure 00 kHz for f to; Detector 1 MHz, VBV asurement. easurement: 0 less than 9 e is less than ansmission n and is tran	ted using the analyzer set to fully caped; < 1 GHz; V function = p V= 3MHz fo VBW = 10 8 percent. V n 98 percent duration over	ttings: ture the BW ≷RBW; beak; Trace = r f 1 GHz	
3			S				



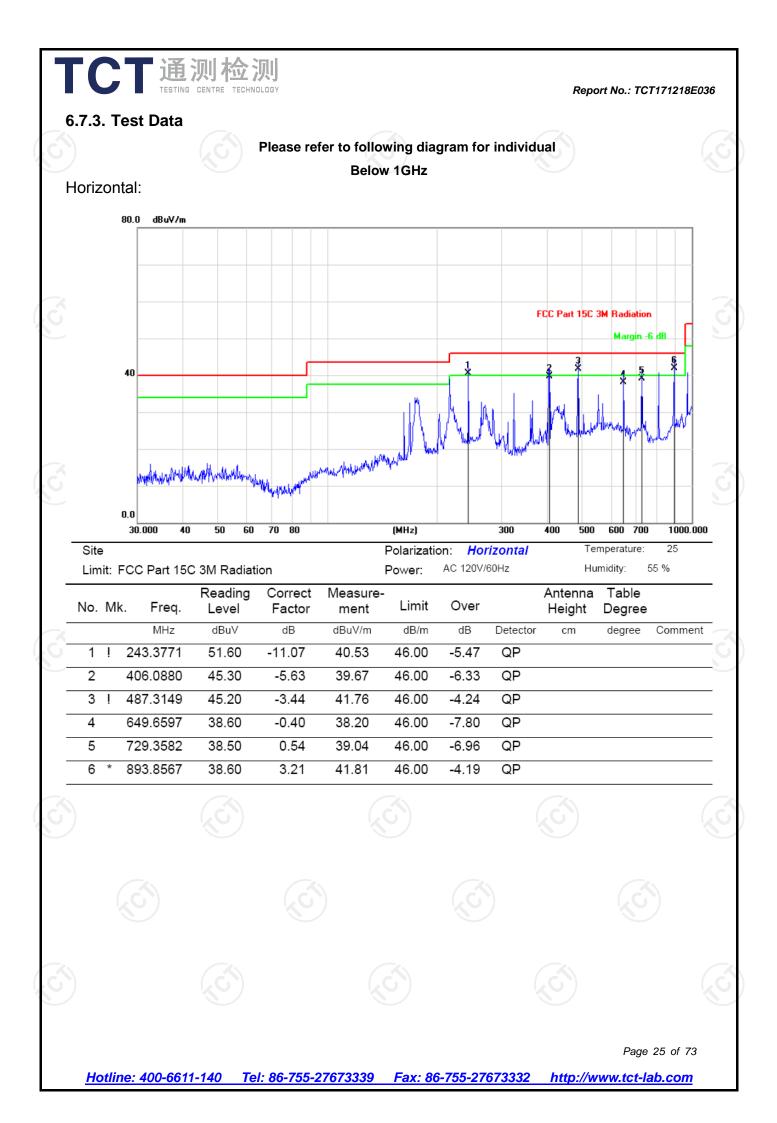
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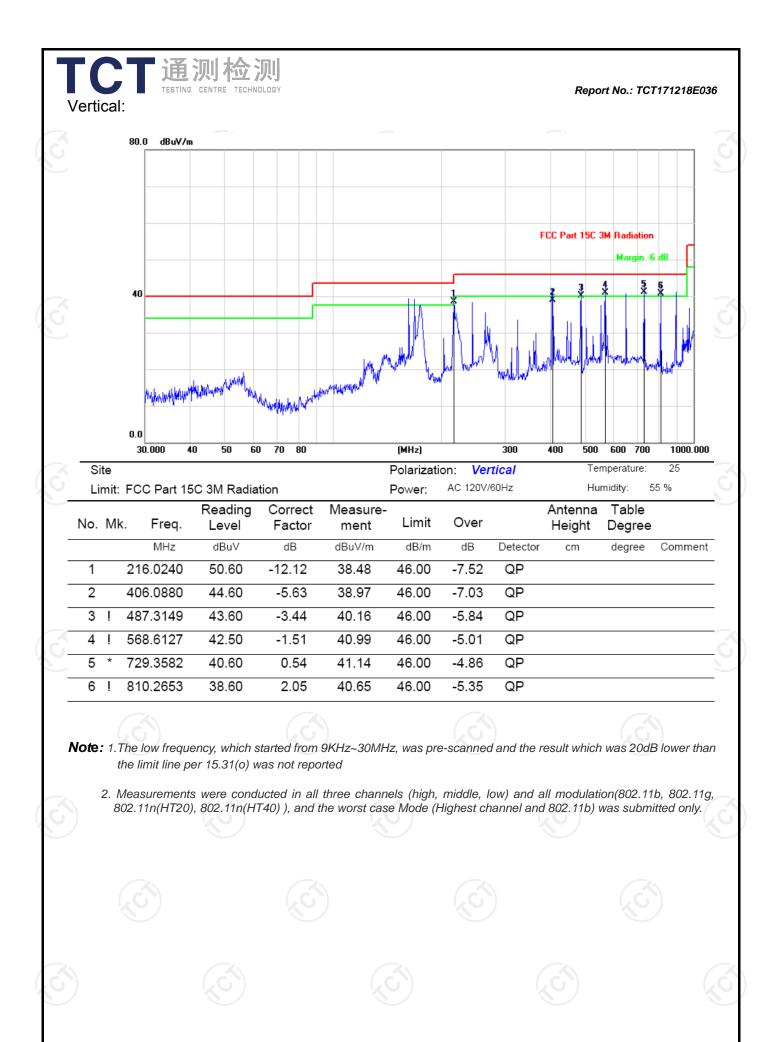
6.7.2. Test Instruments

Radiated Emission Test Site (966)					
Name of Equipment	Manufacturer	Model	Serial Number	Calibration Due	
Test Receiver	ROHDE&SCHW ARZ	ESVD	100008	Sep. 27, 2018	
Spectrum Analyzer	ROHDE&SCHW ARZ	FSQ	200061	Sep. 27, 2018	
Pre-amplifier	EM Electronics Corporation CO.,LTD	EM30265	07032613	Sep. 27, 2018	
Pre-amplifier	HP	8447D	2727A05017	Sep. 27, 2018	
Loop antenna	ZHINAN	ZN30900A	12024	Sep. 27, 2018	
Broadband Antenna	Schwarzbeck	VULB9163	340	Sep. 27, 2018	
Horn Antenna	Schwarzbeck	BBHA 9120D	631	Sep. 27, 2018	
Horn Antenna	Schwarzbeck	BBH 9170	582	Jun. 07, 2018	
Antenna Mast	Keleto	CC-A-4M	N/A	N/A	
Coax cable (9KHz-1GHz)	тст	RE-low-01	N/A	Sep. 27, 2018	
Coax cable (9KHz-40GHz)	тст	RE-high-02	N/A	Sep. 27, 2018	
Coax cable (9KHz-1GHz)	тст	RE-low-03	N/A	Sep. 27, 2018	
Coax cable (9KHz-40GHz)	ТСТ	RE-high-04	N/A	Sep. 27, 2018	
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).

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Report No.:	TCT171218E036
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			lation Type: 80 channel: 2412			
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	Correction Factor (dB/m)	Peak Final Emission Level	Peak limit (dBµV/m)	AV limit (dBµV/m)
2310	Н	45.86	-4.20	41.66	74.00	54.00
2377.38	Н	48.32	-4.10	44.22	74.00	54.00
2390	Н	53.45	-3.94	49.51	74.00	54.00
2310	V	44.24	-4.20	40.04	74.00	54.00
2377.38	V	54.29	-4.10	50.19	74.00	54.00
2390	V	55.71	-3.94	51.77	74.00	54.00
			lation Type: 80			
		High	channel: 2462			-
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	Correction Factor (dB/m)	Peak Final Emission Level	Peak limit (dBµV/m)	AV limit (dBµV/m)
2483.5	Н	51.12	-3.60	47.52	74.00	54.00
2487.09	Н	47.88	-3.50	44.38	74.00	54.00
2500	Н	45.23	-3.34	41.89	74.00	54.00
2483.5	V	54.81	-3.60	51.21	74.00	54.00
2487.09	V	47.24	-3.50	43.74	74.00	54.00
2500	V	42.59	-3.34	39.25	74.00	54.00
			lation Type: 80 channel: 2412	MHz		
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	Correction Factor (dB/m)	Peak Final Emission Level	Peak limit (dBµV/m)	AV limit (dBµV/m)
2310	Н	43.01	-4.20	38.81	74.00	54.00
2388.96	Н	50.85	-4.12	46.73	74.00	54.00
2390	Н	53.42	-3.94	49.48	74.00	54.00
2310	V	45.74	-4.20	41.54	74.00	54.00
2388.96	V	49.61	-4.12	45.49	74.00	54.00
2390	V	54.16	-3.94	50.22	74.00	54.00
			lation Type: 80			
		High	channel: 2462			-
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	Correction Factor (dB/m)	Peak Final Emission Level	Peak limit (dBµV/m)	AV limit (dBµV/m)
2483.5	Н	52.33	-3.60	48.73	74.00	54.00
2487.59	Н	50.06	-3.52	46.54	74.00	54.00
2500	Н	46.78	-3.34	43.44	74.00	54.00
2483.5	V	51.63	-3.60	48.03	74.00	54.00
2487.59	V	47.78	-3.52	44.26	74.00	54.00
2500	V	47.52	-3.34	44.18	74.00	54.00

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aquency MHz) Ant. Pol. H/V Peak reading (dBµV) Correction Factor (dB/m) Peak Final Emission Level Peak limit (dBµV/m) AV limit (dBµV/m) 2310 H 46.54 -4.20 42.34 74.00 54.00 388.01 H 53.62 -4.10 49.52 74.00 54.00 2390 H 54.77 -3.94 50.83 74.00 54.00 2310 V 48.02 -4.20 43.82 74.00 54.00 2380 V 55.59 -3.94 51.65 74.00 54.00 2390 V 55.59 -3.94 51.65 74.00 54.00 2390 V 55.59 -3.94 51.65 74.00 54.00 MHz) High channel: 2462 MHz High channel: 2462 MHz Peak limit (dBµV/m) (dBµV/m) (dBµV/m) V483.5 H 52.60 -3.60 49 74.00 54.00 392.55 H 51.53 -3.50 47.22 74.00 54
2310 H 46.54 -4.20 42.34 74.00 54.00 388.01 H 53.62 -4.10 49.52 74.00 54.00 2390 H 54.77 -3.94 50.83 74.00 54.00 2310 V 48.02 -4.20 43.82 74.00 54.00 388.01 V 54.23 -4.10 50.13 74.00 54.00 388.01 V 55.59 -3.94 51.65 74.00 54.00 2390 V 55.59 -3.94 51.65 74.00 54.00 2390 V 55.59 -3.94 51.65 74.00 54.00 Malpha Peak reading (dB/V) Correction Factor Peak Final Emission Level Peak limit (dB/V/m) AV limit (dB/V/m) 448.3.5 H 52.60 -3.60 49 74.00 54.00 392.55 V 50.72 -3.50 47.22 74.00 54.00 2500 V
2390 H 54.77 -3.94 50.83 74.00 54.00 2310 V 48.02 -4.20 43.82 74.00 54.00 388.01 V 55.59 -3.94 51.65 74.00 54.00 2390 V 55.59 -3.94 51.65 74.00 54.00 Modulation Type: 802.11n(20MHz) High channel: 2462 MHz Correction Factor (dB/m) Peak Final Peak limit (dBµV/m) AV limit (dBµV/m) 4483.5 H 52.60 -3.60 49 74.00 54.00 392.55 H 51.53 -3.50 48.03 74.00 54.00 392.55 V 50.72 -3.60 49.62 74.00 54.00 392.55 V 50.72 -3.50 47.22 74.00 54.00 392.55 V 50.72 -3.50 47.22 74.00 54.00 2500 V 48.64 -3.34 45.3 74.00
2310 V 48.02 -4.20 43.82 74.00 54.00 388.01 V 54.23 -4.10 50.13 74.00 54.00 2390 V 55.59 -3.94 51.65 74.00 54.00 2390 V 55.59 -3.94 51.65 74.00 54.00 Modulation Type: 802.11n(20MHz) High channel: 2462 MHz Correction Factor (dB/W) Peak Final Emission Level ANt.Pol. AV limit (dBµV/m) 54.00 54.00 392.55 H 51.53 -3.50 48.03 74.00 54.00 54.00 392.55 V 50.72 -3.50 47.22 74.00 54.00 2500 V 48.64 -3.34 45.3 74.00 54.00
388.01 V 54.23 -4.10 50.13 74.00 54.00 2390 V 55.59 -3.94 51.65 74.00 54.00 Mdulation Type: 802.11n(20MHz) High channel: 2462 MHz High channel: 2462 MHz Ant. Pol. Peak reading (dBµV) Correction Factor (dBµV/m) Peak Final Emission Level Peak limit (dBµV/m) AV limit (dBµV/m) 483.5 H 52.60 -3.60 49 74.00 54.00 392.55 H 51.53 -3.50 48.03 74.00 54.00 2500 H 47.77 -3.34 44.43 74.00 54.00 392.55 V 50.72 -3.60 49.62 74.00 54.00 2500 V 48.64 -3.34 45.3 74.00 54.00 2500 V 48.64 -3.34 45.3 74.00 54.00 2500 V 48.64 -3.34 45.3 74.00 54.00 387.85 H 55.02 -4.10
2390 V 55.59 -3.94 51.65 74.00 54.00 Modulation Type: 802.11n(20MHz) High channel: 2462 MHz Cournery Ant. Pol. Peak reading (dBµV) Correction Factor (dB/m) Peak Final Emission Level Peak limit (dBµV/m) AV limit (dBµV/m) 4483.5 H 52.60 -3.60 49 74.00 54.00 392.55 H 51.53 -3.50 48.03 74.00 54.00 2500 H 47.77 -3.34 44.43 74.00 54.00 392.55 V 50.72 -3.50 47.22 74.00 54.00 392.55 V 50.72 -3.50 47.22 74.00 54.00 2500 V 48.64 -3.34 45.3 74.00 54.00 2500 V 48.64 -3.34 45.3 74.00 54.00 MHz) Low channel: 2422 MHz Low channel: 2422 MHz 230 Ant. Pol. Peak reading (dBµV) Correction (dB/m)
Modulation Type: 802.11n(20MHz) High channel: 2462 MHz Peak Final MHz) Peak limit H/V Av limit (dBµV) Av limit (dB/m) Av limit Level Av limit (dBµV/m) 483.5 H 52.60 -3.60 49 74.00 54.00 392.55 H 51.53 -3.50 48.03 74.00 54.00 2500 H 47.77 -3.34 44.43 74.00 54.00 2500 H 47.77 -3.34 44.43 74.00 54.00 382.55 V 50.72 -3.60 49.62 74.00 54.00 2500 V 48.64 -3.34 45.3 74.00 54.00 2500 V 48.64 -3.34 45.3 74.00 54.00 2500 V 48.64 -3.34 45.3 74.00 54.00 Mdulation Type: 802.11n(40MHz) Low channel: 2422 MHz Emission Level (dBµV/m) (dBµV/m) (dBµV/m) (dBµV/m) 230 54.00
High channel: 2462 MHz Peak Final MHz) Peak limit H/V Peak reading (dBµV) Correction Factor (dB/m) Peak Final Emission Level Peak limit (dBµV/m) AV limit (dBµV/m) 4483.5 H 52.60 -3.60 49 74.00 54.00 392.55 H 51.53 -3.50 48.03 74.00 54.00 2500 H 47.77 -3.34 44.43 74.00 54.00 2500 H 47.77 -3.34 44.43 74.00 54.00 392.55 V 50.72 -3.50 47.22 74.00 54.00 2500 V 48.64 -3.34 45.3 74.00 54.00 2500 V 48.64 -3.34 45.3 74.00 54.00 2500 V 48.64 -3.34 45.3 74.00 54.00 MHz Low channel: 2422 MHz Low channel: 2422 MHz 46.66 74.00 54.00 387.85 H 55.02 -4.10 50.92
Ant. Pol. MHz) Peak reading H/V Correction (dBµV) Peak Final Factor (dB/m) Peak Final Emission Level Peak limit (dBµV/m) AV limit (dBµV/m) 4483.5 H 52.60 -3.60 49 74.00 54.00 392.55 H 51.53 -3.50 48.03 74.00 54.00 2500 H 47.77 -3.34 44.43 74.00 54.00 392.55 V 50.72 -3.60 49.62 74.00 54.00 392.55 V 50.72 -3.50 47.22 74.00 54.00 2500 V 48.64 -3.34 45.3 74.00 54.00 2500 V 48.64 -3.34 45.3 74.00 54.00 2500 V 48.64 -3.34 45.3 74.00 54.00 MHz) H/V Peak reading (dBµV) Correction Factor (dB/m) Peak Final Ewission Peak limit (dBµV/m) AV limit (dBµV/m) 2310 H 52.63 -3.94 48.69 </td
Peak reading MHz) Peak reading H/V Factor (dBμV) Emission (dB/m) Peak imit Level AV imit (dBμV/m) AV imit (dBμV/m) 2483.5 H 52.60 -3.60 49 74.00 54.00 392.55 H 51.53 -3.50 48.03 74.00 54.00 2500 H 47.77 -3.34 44.43 74.00 54.00 2500 H 47.77 -3.34 44.43 74.00 54.00 392.55 V 50.72 -3.60 49.62 74.00 54.00 2500 V 48.64 -3.34 45.3 74.00 54.00 2300 H 50.86 -4.20 46.66 74.00 54.00 2310 <t< td=""></t<>
4483.5 H 52.60 -3.60 49 74.00 54.00 392.55 H 51.53 -3.50 48.03 74.00 54.00 2500 H 47.77 -3.34 44.43 74.00 54.00 2500 H 47.77 -3.34 44.43 74.00 54.00 483.5 V 53.22 -3.60 49.62 74.00 54.00 392.55 V 50.72 -3.50 47.22 74.00 54.00 2500 V 48.64 -3.34 45.3 74.00 54.00 2500 M 50.72 -4.10 50.92 74.00 54.00 2310 H 50.86 -4.20 47.25
2500 H 47.77 -3.34 44.43 74.00 54.00 483.5 V 53.22 -3.60 49.62 74.00 54.00 392.55 V 50.72 -3.50 47.22 74.00 54.00 2500 V 48.64 -3.34 45.3 74.00 54.00 Modulation Type: 802.11n(40MHz) Low channel: 2422 MHz Correction MHz) H/V Peak reading (dBµV) Peak Final (dBµV/m) Peak limit (dBµV/m) AV limit (dBµV/m) 2310 H 50.86 -4.20 46.66 74.00 54.00 2390 H 52.63 -3.94 48.69 74.00 54.00 2310 V 51.45 -4.20 47.25 74.00 54.00 2390 H 52.63 -3.94 48.69 74.00 54.00 2310 V 51.45 -4.20 47.25 74.00 54.00 2390 V
2500 H 47.77 -3.34 44.43 74.00 54.00 483.5 V 53.22 -3.60 49.62 74.00 54.00 392.55 V 50.72 -3.50 47.22 74.00 54.00 2500 V 48.64 -3.34 45.3 74.00 54.00 Modulation Type: 802.11n(40MHz) Low channel: 2422 MHz Correction MHz) H/V Peak reading (dBµV) Peak Final (dBµV/m) Peak limit (dBµV/m) AV limit (dBµV/m) 2310 H 50.86 -4.20 46.66 74.00 54.00 2390 H 52.63 -3.94 48.69 74.00 54.00 2310 V 51.45 -4.20 47.25 74.00 54.00 2390 H 52.63 -3.94 48.69 74.00 54.00 2310 V 51.45 -4.20 47.25 74.00 54.00 2390 V
392.55 V 50.72 -3.50 47.22 74.00 54.00 2500 V 48.64 -3.34 45.3 74.00 54.00 Modulation Type: 802.11n(40MHz) Low channel: 2422 MHz equency Ant. Pol. Peak reading (dBµV) Correction (dB/m) Peak Final Emission Level Peak limit (dBµV/m) AV limit (dBµV/m) 2310 H 50.86 -4.20 46.66 74.00 54.00 387.85 H 55.02 -4.10 50.92 74.00 54.00 2310 H 52.63 -3.94 48.69 74.00 54.00 2310 V 51.45 -4.20 47.25 74.00 54.00 2310 V 50.71 -4.10 50.92 74.00 54.00 2310 V 50.71 -4.20 47.25 74.00 54.00 2390 V 50.71 -4.10 46.61 74.00 54.00 2390 V
2500 V 48.64 -3.34 45.3 74.00 54.00 Modulation Type: 802.11n(40MHz) Low channel: 2422 MHz equency Ant. Pol. Peak reading (dBµV) Correction Factor (dB/m) Peak Final Emission Level Peak limit (dBµV/m) AV limit (dBµV/m) 2310 H 50.86 -4.20 46.66 74.00 54.00 387.85 H 55.02 -4.10 50.92 74.00 54.00 2310 V 51.45 -4.20 46.66 74.00 54.00 2310 V 51.45 -4.20 47.25 74.00 54.00 2310 V 51.45 -4.20 47.25 74.00 54.00 2310 V 50.71 -4.10 46.61 74.00 54.00 2390 V 50.71 -4.10 46.61 74.00 54.00 2390 V 49.79 -3.94 45.85 74.00 54.00 Modul
Modulation Type: 802.11n(40MHz) Low channel: 2422 MHz equency Ant. Pol. Peak reading (dBµV) Correction Factor (dB/m) Peak Final Emission Level Peak limit (dBµV/m) AV limit (dBµV/m) 2310 H 50.86 -4.20 46.66 74.00 54.00 387.85 H 55.02 -4.10 50.92 74.00 54.00 2310 V 51.45 -4.20 46.66 74.00 54.00 2390 H 52.63 -3.94 48.69 74.00 54.00 2310 V 51.45 -4.20 47.25 74.00 54.00 2390 V 50.71 -4.10 46.61 74.00 54.00 2390 V 49.79 -3.94 45.85 74.00 54.00 2390 V 49.79 -3.94 45.85 74.00 54.00 2390 V 49.79 -3.94 45.85 74.00 54.00 High channel: 2452
Low channel: 2422 MHz Equency MHz) Ant. Pol. H/V Peak reading (dBµV) Correction Factor (dB/m) Peak Final Emission Level Peak limit (dBµV/m) AV limit (dBµV/m) 2310 H 50.86 -4.20 46.66 74.00 54.00 387.85 H 55.02 -4.10 50.92 74.00 54.00 2390 H 52.63 -3.94 48.69 74.00 54.00 2310 V 51.45 -4.20 47.25 74.00 54.00 2390 H 52.63 -3.94 48.69 74.00 54.00 2310 V 51.45 -4.20 47.25 74.00 54.00 2390 V 50.71 -4.10 46.61 74.00 54.00 2390 V 49.79 -3.94 45.85 74.00 54.00 2390 V 49.79 -3.94 45.85 74.00 54.00 Modulation Type: 802.11n(40MHz) High channel: 2452 MH
MHz) H/V (dBμV) Factor (dB/m) Effission Level (dBμV/m) (dBμV/m) 2310 H 50.86 -4.20 46.66 74.00 54.00 387.85 H 55.02 -4.10 50.92 74.00 54.00 2390 H 52.63 -3.94 48.69 74.00 54.00 2310 V 51.45 -4.20 47.25 74.00 54.00 2310 V 51.45 -4.20 47.25 74.00 54.00 2390 V 50.71 -4.10 46.61 74.00 54.00 2390 V 50.71 -4.10 46.61 74.00 54.00 2390 V 49.79 -3.94 45.85 74.00 54.00 Modulation Type: 802.11n(40MHz) High channel: 2452 MHz Equency Ant. Pol. Peak reading (dBuV) Correction Factor Peak Final Emission Peak limit (dBuV) AV limit (dBuV)
387.85 H 55.02 -4.10 50.92 74.00 54.00 2390 H 52.63 -3.94 48.69 74.00 54.00 2310 V 51.45 -4.20 47.25 74.00 54.00 2390 V 50.71 -4.10 46.61 74.00 54.00 389.98 V 50.71 -4.10 46.61 74.00 54.00 2390 V 49.79 -3.94 45.85 74.00 54.00 2390 V 49.79 -3.94 45.85 74.00 54.00 Modulation Type: 802.11n(40MHz) High channel: 2452 MHz Generation (dBub/) Mitra (dBub/)
2390 H 52.63 -3.94 48.69 74.00 54.00 2310 V 51.45 -4.20 47.25 74.00 54.00 389.98 V 50.71 -4.10 46.61 74.00 54.00 2390 V 49.79 -3.94 45.85 74.00 54.00 Modulation Type: 802.11n(40MHz) High channel: 2452 MHz Correction Factor Peak limit Emission AV limit (dBu)/(m) MHz) H(/ Correction Factor Peak Final Emission Peak limit (dBu)/(m) AV limit (dBu)/(m)
2310 V 51.45 -4.20 47.25 74.00 54.00 389.98 V 50.71 -4.10 46.61 74.00 54.00 2390 V 49.79 -3.94 45.85 74.00 54.00 Modulation Type: 802.11n(40MHz) High channel: 2452 MHz Correction Peak Final Emission Peak limit (dBu)/(m) AV limit (dBu)/(m)
389.98 V 50.71 -4.10 46.61 74.00 54.00 2390 V 49.79 -3.94 45.85 74.00 54.00 Modulation Type: 802.11n(40MHz) High channel: 2452 MHz Correction Peak Final Emission Peak limit AV limit MHz) HQ(Correction Factor Peak Final Emission CdBu)/(m) (dBu)/(m)
2390 V 49.79 -3.94 45.85 74.00 54.00 Modulation Type: 802.11n(40MHz) High channel: 2452 MHz equency Ant. Pol. Peak reading Correction Peak Final Peak limit (dBu)/(m) MHz) H0((dBu)/(m) (dBu)/(m)
Modulation Type: 802.11n(40MHz) High channel: 2452 MHz equency Ant. Pol. Peak reading Correction Peak Final Peak limit AV limit MHz HV Correction Peak Final Peak limit AV limit MHz HV Correction Peak Final Peak limit AV limit
High channel: 2452 MHz equency Ant. Pol. Peak reading Correction Peak Final Peak limit AV limit (dBu)/(m) (dBu)/(m) (dBu)/(m)
equency Ant. Pol. Peak reading Correction Peak Final Peak limit AV limit (dBu)(m) (dBu)(m) (dBu)(m)
equency Ant. Pol. Peak reading Factor Emission Beak limit AV limit
483.5 H 52.53 -3.60 48.93 74.00 54.00
493.51 H 54.37 -3.50 50.87 74.00 54.00
2500 H 49.61 -3.34 46.27 74.00 54.00
493.51 V 54.16 -3.60 50.56 74.00 54.00
489.36 V 52.85 -3.46 49.39 74.00 54.00
469.36 V 52.85 -3.46 49.39 74.00 54.00 2500 V 50.96 -3.34 47.62 74.00 54.00

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Report	No	TCT17	'1218F	036
Report		10111	12 IUL	000

			М		• 1GHz ype: 802.1	1b			
					el: 2412 MH				
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	AV reading (dBuV)	Correction Factor (dB/m)	Emissic Peak (dBµV/m)	n Level AV (dBµV/m)	Peak limit (dBµV/m)	AV limit (dBµV/m)	Margin (dB)
4824	Н	50.73		0.75	51.48		74	54	-2.52
7236	Н	41.42		9.87	51.29		74	54	-2.71
'	Н					-			
4824	V	49.58		0.75	50.33		74	54	-3.67
7236	V	41.68		9.87	51.55		74	54	-2.45
· ·	V			(
				X					X
			М	iddle chanr	nel: 2437MF	Ηz			
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	AV reading (dBµV)	Correction Factor (dB/m)	Emissic Peak (dBµV/m)	n Level AV (dBµV/m)	Peak limit (dBµV/m)	AV limit (dBµV/m)	Margin (dB)
4874	,CH	49.52	C`	0.97	50.49	$\langle \mathcal{O} \rangle$	74	54	-3.51
7311	Ŧ	41.17		9.83	51		74	54	-3
	Н								
4874	V	49.43		0.97	50.4		74	54	-3.6
7311	V	40.36		9.83	50.19		74	54	-3.81
				14.1	7				· · · · · · · · · · · · · · · · · · ·

	High channel: 2462 MHz												
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	AV reading (dBµV)	Correction Factor (dB/m)	Emissio Peak (dBµV/m)	n Level AV (dBµV/m)	Peak limit (dBµV/m)	AV limit (dBµV/m)	Margin (dB)				
4924	Ĥ	49.58		1.18	50.76		74	54	-3.24				
7386	Н	39.62		10.07	49.69		74	54	-4.31				
	Н												
X					X								
4924	V	49.93		1.18	51.11		74	54	-2.89				
7386	V	40.58		10.07	50.65		74	54	-3.35				
	V												

Note:

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

2. Margin (dB) = Emission Level (Peak) (dBµV/m)-Average limit (dBµV/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. The highest test frequency is 25GHz.

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.

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			Μ	odulation T	ype: 802.1	1g			
			L	ow channe	el: 2412 MH	z			
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	AV reading (dBuV)	Correction Factor (dB/m)	Emissic Peak (dBµV/m)	n Level AV (dBµV/m)	Peak limit (dBµV/m)	AV limit (dBµV/m)	Margin (dB)
4824	Н	49.32		0.75	50.07		74	54	-3.93
7236	Н	40.67		9.87	50.54		74	54	-3.46
	Н								
				/			•		
4824	V	47.52		0.75	48.27		74	54	-5.73
7236	V	40.64		9.87	50.51		74	54	-3.49
	V								
	•				\sim	•			
97		KO)	Μ	iddle chanr	nel: 2437MF	Ηz			X
Frequency	Ant. Pol.	Peak reading	AV reading	Correction Factor	Emissic Peak	on Level AV	Peak limit	AV limit	Margin

Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	AV reading (dBµV)	Correction Factor (dB/m)	Emissic Peak (dBµV/m)	n Level AV (dBµV/m)	Peak limit (dBµV/m)	AV limit (dBµV/m)	Margin (dB)
4874	H	48.15	-7 6	0.97	49.12		74	54	-4.88
7311	С H	40.13	6-C)	9.83	49.96	\mathcal{C}	74	54	-4.04
	H					<u>_</u>			
4874	V	47.38		0.97	48.35		74	54	-5.65
7311	V	40.25		9.83	50.08		74	54	-3.92
	V	()		(, c	<u> </u>		(\mathbf{c})		(, (

	High channel: 2462 MHz													
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	AV reading (dBµV)	Correction Factor (dB/m)	Emissic Peak (dBµV/m)	n Level AV (dBµV/m)	Peak limit (dBµV/m)	AV limit (dBµV/m)	Margin (dB)					
4924	CH	47.73		1.18	48.91	$\langle 0 \rangle$	74	54	-5.09					
7386	Ŧ	39.97		10.07	50.04		74	54	-3.96					
	Н													
4924	V	46.52		1.18	47.7		74	54	-6.3					
7386	V	40.25		10.07	50.32		74	54	-3.68					
/	V				ノ									

Note:

TCT通测检测 TESTING CENTRE TECHNOLOGY

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

4. Margin (dB) = Emission Level (Peak) (dBμV/m)-Average limit (dBμV/m)

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

6. Measurements were conducted from 1 GHz to the 10th harmonic of highest fundamental frequency. The highest test frequency is 25GHz.

7. 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.

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TC	TESTING	CENTRE TECHI	NOLOGY				Rei	port No.: TCT	171218E036
				lation Type	: 802.11n (ł	HT20)			
					I: 2412 MH				
	Ant Dal	Peak	A) (reading	Correction	Emissic	on Level	Dealdlimit		Maraia
Frequency (MHz)	Ant. Pol. H/V	reading (dBµV)	AV reading (dBuV)	Factor (dB/m)	Peak (dBµV/m)	AV (dBµV/m)	Peak limit (dBµV/m)	AV limit (dBµV/m)	Margin (dB)
4824	Н	49.03		0.75	49.78		74	54	-4.22
7236	Н	40.62		9.87	50.49		74	54	-3.51
	Н								
(•		
4824	V	47.54		0.75	48.29	<u>C</u> +	74	54	-5.71
7236	V	40.22		9.87	50.09		74	54	-3.91
	V								
						•			
$\langle \rangle$			М	iddle chanr	nel: 2437MH	Ηz			(
requency	Ant. Pol.	Peak	AV reading	Correction	Emissic	on Level	Peak limit	AV limit	Margin
(MHz)	H/V	reading (dBµV)	(dBµV)	Factor (dB/m)	Peak (dBµV/m)	AV (dBµV/m)		(dBµV/m)	(dB)
4874	Н	47.19		0.97	48.16		74	54	-5.84
7311	H	40.43		9.83	50.26		74	54	-3.74
(C H		[-6]		(-6+			
< 2				/					
4874	V	47.42		0.97	48.39		74	54	-5.61
7311	V	40.03		9.83	49.86		74	54	-4.14
	V								
		(c)		((
)			F	ligh channe	el: 2462 MH	z			X
requency	Ant. Pol.	Peak	AV reading	Correction		on Level	Peak limit	AV limit	Margin
(MHz)	H/V	reading (dBµV)	(dBµV)	Factor (dB/m)	Peak (dBµV/m)	AV (dBµV/m)		(dBµV/m)	(dB)
4924	H	48.16		1.18	49.34		74	54	-4.66
7386	СH	40.62		10.07	50.69		74	54	-3.31
	Ĥ								
4924	V	47.00		1.18	48.18		74	54	-5.82
7386	V	40.28		10.07	50.35		74	54	-3.65
	v	10.20		10.01	00.00			<u> </u>	0.00

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. The highest test frequency is 25GHz.

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.

			Modu	lation Type	: 802.11n (ŀ	HT40)			
			L	ow channe	l: 2422 MH:	Z			
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	AV reading (dBuV)	Correction Factor (dB/m)	Emissio Peak (dBµV/m)	n Level AV (dBµV/m)	Peak limit (dBµV/m)	AV limit (dBµV/m)	Margin (dB)
4844	Н	45.67		0.66	46.33		74	54	-7.67
7266	Н	38.58		9.5	48.08		74	54	-5.92
	Н				(
)					
4824	V	44.56		0.66	45.22		74	54	-8.78
7236	V	35.63		9.5	45.13		74	54	-8.87
	V								
N.			•						
		KO)	Μ	liddle chanr	nel: 2437MF	lz			X
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	AV reading (dBµV)	Correction Factor (dB/m)	Emissio Peak (dBµV/m)	n Level AV (dBµV/m)	Peak limit (dBµV/m)	AV limit (dBµV/m)	Margin (dB)
4874	Н	42.97		0.99	43.96		74	54	-10.04
7311	С Н	34.64	-6	9.85	44.49		74	54	-9.51
	Н								
4874	V	43.72		0.99	44.71		74	54	-9.29

			F	ligh channe	el: 2452 MH	Z			
Frequency (MHz)	Ant. Pol. H/V	Peak reading (dBµV)	AV reading (dBµV)	Correction Factor (dB/m)	Emissic Peak (dBµV/m)	n Level AV (dBµV/m)	Peak limit (dBµV/m)	AV limit (dBµV/m)	Margin (dB)
4904	СH	45.11	<u>-</u> C	1.33	46.44		74	54	-7.56
7356	Ŧ	36.24		10.22	46.46		74	54	-7.54
	Н								
4904	V	43.52		1.33	44.85		74	54	-9.15
7356	V	36.61		10.22	46.83		74	54	-7.17
J	V				J				🤍

47.23

74

54

-6.77

9.85

Note:

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TCT通测检测 TESTING CENTRE TECHNOLOGY

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

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