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TEST REPORT

FCC ID: 2ADYY-B2

Product: Mobile Phone

Model No.: B2

Additional Model No.: N/A

Trade Mark: TECNO

Report No.: FCC18110006A-Wi-Fi

Issued Date: Nov. 17, 2018

Issued for:

TECNO MOBILE LIMITED

ROOMS 05-15, 13A/F., SOUTH TOWER, WORLD FINANCE CENTRE, HARBOUR CITY, 17 CANTON ROAD, TSIM SHA TSUI, KOWLOON, HONG KONG

Issued By:

World Standardization Certification & Testing Group Co., Ltd.

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TESTING
NVLAP LAB CODE 600142-0



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1. GENERAL INFORMATION

	and the state of t				
Product:	Mobile Phone				
Model No.:	B2				
Additional	N/A WSET				
Model:	N/A WSIGHT				
Applicant:	TECNO MOBILE LIMITED				
Address:	ROOMS 05-15, 13A/F., SOUTH TOWER, WORLD FINANCE CENTRE, HARBOUR CITY, 17 CANTON ROAD, TSIM SHA TSUI, KOWLOON, HONG KONG				
Manufacturer:	SHENZHEN TECNO TECHNOLOGY CO.,LTD.				
Address:	1/F-4/F,7/F, BUILDING 3, TAIPINGYANG INDUSTRIAL ZONE, NO.2088, SHENYAN ROAD, YANTIAN DISTRICT, SHENZHEN CITY, GUANGDONG PROVINCE, P.R.C				
Data of receipt	Nov. 02, 2018				
Date of Test:	Nov. 02, 2018 to Nov. 15, 2018				
Applicable Standards:	FCC Rules Part15 Subpart C.				

The above equipment has been tested by World Standardization Certification & Testing Group Co., Ltd. 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:	Pu Shixi	Date:	Nov. 19, 2018	
	(Pu Shixi)			

Check By: Qin Shuiquan

(Qin Shuiquan)

Approved By:

(Wang Fengbing)

Date: Nov. 19.20

Date: NOV. 1, 20

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1.1.GENERAL DESCRIPTION OF EUT

X	Please Contact with V www.wsct-cert.com
Equipment Type:	Mobile Phone
Test Model:	B2
Additional Model:	N/A
Trade Mark	TECNO WSET WSET
Applicant:	TECNO MOBILE LIMITED
Address:	ROOMS 05-15, 13A/F., SOUTH TOWER, WORLD FINANCE CENTRE, HARBOUR CITY, 17 CANTON ROAD, TSIM SHA TSUI, KOWLOON, HONG KONG
Manufacturer:	SHENZHEN TECNO TECHNOLOGY CO.,LTD.
Address:	1/F-4/F,7/F, BUILDING 3, TAIPINGYANG INDUSTRIAL ZONE, NO.2088, SHENYAN ROAD, YANTIAN DISTRICT, SHENZHEN CITY, GUANGDONG PROVINCE, P.R.C
Hardware version:	V1.1
Software version:	B2-F8017F-GO-180919V48 W5 ET W5 ET
Extreme Temp. Tolerance:	-10 C 10 +55 C
Battery information:	Li-Polymer Battery: BL-30VT Voltage: 3.85V Rated Capacity: 3000mAh/11.55Wh Typical Capacity: 3050mAh/11.74Wh Limited Charge Voltage: 4.4V
Adapter Information:	Adapter: A8-501000 Input: AC 100-240V 50/60Hz 200mA Output: DC 5V===1.0A
Operating Frequency	2412-2462MHz
Channels	11 W3L/ W3L/
Channel Spacing	5MHz
Modulation Type	CCK for IEEE 802.11b OFDM for IEEE 802.11g/n HT-20
Antenna Type:	Integral Antenna
Antenna gain:	-1.3dBi
Deviation	None WSET WSET WSET
Condition of Test Sample	Normal









1.2. FACILITIES AND ACCREDITATIONS

All measurement facilities used to collect the measurement data are located at www.wsct-cert.com

Building A-B, Baoshi Science & Technology Park, Baoshi Road, Bao'an District, Shenzhen,

Guangdong, China of the World Standardization Certification & Testing Group Co., Ltd.

The sites are constructed in conformance with the requirements of ANSI C63.4 and CISPR Publication 22. All receiving equipment conforms to CISPR Publication 16-1, "Radio Interference Measuring Apparatus and Measurement Methods."

Registration Number: 366353

1.2.1. ACCREDITATIONS

Our laboratories are accredited and approved by the following approval agencies according to ISO/IEC 17025.

USA
NVLAP (The certificate registration number is NVLAP LAB CODE:600142-0)
VCCI (The certificate registration number is C-4790, R-3684, G-837)

Canada INDUSTRY CANADA

(The certificated registration number is 7700A-1)

China CNAS (The certificated registration number is L3732)

Copies of granted accreditation certificates are available for downloading from our web site,

http://www.wsct-cert.com

WSET	WSET	WSET	WSET	WSET	
WS		W5	$\langle \hspace{0.1cm} \rangle$	$\langle \hspace{0.1cm} \rangle$	
WSET	WSET	WSET	WSET	WSET	
WS		ET WS		$\langle \hspace{0.1cm} \rangle$	
WSET	WSCT	WSET	WSET	WSET	
		ET W.5		$\langle \hspace{0.1cm} \rangle$	
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2. TEST DESCRIPTION

2.1 MEASUREMENT UNCERTAINTY

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

аррголите	atory 50 /t	\times	X	\times
	No.	Item	Uncertainty	
WSET	1	Conducted Emission Test	±3.2dB	WSET
\times	2	RF power, conducted	±0.16dB	
	3	Spurious emissions, conducted	±0.21dB	
WSE	4	All emissions, radiated(<1G)	±4.7dB W5ET	WSET
	5	All emissions, radiated(>1G)	±4.7dB	
	6	Temperature	±0.5°C	
WSET	7 W.	Humidity W5CT	±2% W5CT	WSET
W5E	7	WSET WSE	WSET	WSET
WSET	W	CT WSCT	WSET	WSET
WSE		WSCT		WSET
WSET	W	ET WSET	WSET	WSET
WSL		WSET WS		WSET
WSET		WSCT	WSET	WSET
\rightarrow		WSET WS		WSET
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2.2 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generates from EUT, the test systemact-cert.com was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Pretest Mode	Description	١
Mode 1	W5ET 802.11b 5ET W5	
Mode 2	802.11g	
Mode 3	802.11n20	

L		For Conducted Emission	
	Final Test Mode	Description	
	Mode 1	W5/7° 802.11b/5/7° W5	7

<	For Radiated Emission				
/	Final Test Mode	Description			
	Mode 1	802.11b			
	Mode 2	802.11g			
	Mode 3	802.11n20			

Note:

- (1) The measurements are performed at the highest, middle, lowest available channels.
- (2) The EUT use new battery.
- (3) The data rate was set in 1Mbps, 6 Mbps, 6.5 Mbps and 13.5M for radiated emission due to the highest RF output power.
- (4) Record the worst case of each test item in this report.
- (5) When we test it, the duty cycle ≥ 98%

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2.3 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING/LAP LAB CODE 600142-0

During testing channel & power controlling software provided by the customer was used of Question, control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product power parameters of FHSS

Test software Version	X	N/A	X
Test program		*#*#2008#*#*	

Frequency(802.11b/g/n20)	2412 MHz	2437 MHz	2462 MHz
Frequency(802.11n40)	2422 MHz	2437 MHz	2452 MHz

2.4 CONFIGURATION OF SYSTEM UNDER TEST



(EUT: Mobile Phone)

I/O Port of EUT				
I/O Port Type	Q'TY	Cable	Tested with	
USB port	1 ///	1m USB cable, unshielded	1	
Power	1/	1m	1	

2.5 DESCRIPTION OF SUPPORT UNITS (CONDUCTED MODE)

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.

	Item	Equipment	Mfr/Brand	Model/Type No.	Series No.	Note
	1	Adapter	1	BL-30VT	/	X
1	2	Avera	August	N/A	1	Aves en

Note:

- (1) The support equipment was authorized by Declaration of Confirmation.
- (2) For detachable type I/O cable should be specified the length in cm in Length column.
- (3) "YES" is means "shielded" "with core"; "NO" is means "unshielded" "without core".
 - (4) The adapter supply by the applicant.

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3. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

	WEFT	WELT	VA/C	CT°	W/5		
/	FCC Part15 (15.247) , Subpart C						
	Standard Section	Test Item	Judgment	Remark			
	15.207	Conducted Emission Test	PASS	Complies			
	15.247(a)(2) Limit	Spectrum bandwidth of a Orthogonal Frequency Division Multiplex System Limit: 6dB bandwidth>500kHz	PASS	Complies	WS		
	15.247(b)	Maximum peak outputpower Limit: max. 30dBm	PASS	Complies			
	15.109,15.205 & 15.209	Transmitter Radiated Emission Limit: Table 15.209	PASS	Complies			
	15.247(e)	Power Spectral Density Limit: max. 8dBm	PASS	Complies			
	15.247(d)	Band edge Limit: 30dB less than Reference level	PASS WS	Complies	WS		
/		Restricted band limit: Table 15.209					

WSL WSL WSL

NOTE:

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(1)" N/A" denotes test is not applicable in this test report.

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WSET WSET WSET WSET WSET

WSET WSET WSET WSET WSET

WSET WSET WSET

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4. MEASUREMENT INSTRUMENTS

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_	NAME OF EQUIPMENT	MANUFACTURER	MODEL	SERIAL NUMBER	Calibration Date	Calibratio n Due.	5
	EMI Test Receiver	R&S	ESCI	100005	08/19/2018	08/18/2019	
	LISNW5E7	AFJ WS	LS16	16010222119	08/19/2018	08/18/2019	
	LISN(EUT)	Mestec	AN3016	04/10040	08/19/2018	08/18/2019	>
,	Universal Radio Communication Tester	R&S	CMU 200	1100.0008.02	08/19/2018	08/18/2019	7
_	Coaxial cable	Megalon	LMR400	N/A	08/19/2018	08/18/2019	7
	GPIB cable	Megalon	GPIB	N/A	08/19/2018	08/18/2019	
	Spectrum Analyzer	R&S	FSU	100114	08/19/2018	08/18/2019	
	Pre Amplifier	H.P.	HP8447E	2945A02715	10/13/2018	10/12/2019	
	Pre-Amplifier	CDSI	PAP-1G18-38		10/13/2018	10/12/2019	>
	Bi-log Antenna	SUNOL Sciences	JB3	A021907	09/13/2018	09/12/2019	5
-	9*6*6 Anechoic		/		08/21/2018	08/20/2019	1
	Horn Antenna	COMPLIANCE ENGINEERING	CE18000	<u></u>	09/13/2018	09/12/2019	
\	Horn Antenna	SCHWARZBECK	BBHA9120D	9120D-631	08/23/2018	08/22/2019	
	Cable	TIME MICROWAVE	LMR-400	N-TYPE04	04/25/2018	04/24/2019	1
	System-Controller	ccs	N/A	N/A	N.C.R	N.C.R	-
_	W5 Turn Table	W ccs	N/A'5[7]	N/A	5 N.C.R	N.C.R	5
	Antenna Tower	ccs	N/A	N/A	N.C.R	N.C.R	
	RF cable	Murata	MXHQ87WA3000		08/21/2018	08/20/2019	
	Loop Antenna	EMCO	6502	00042960	08/22/2018	08/21/2019	
	Horn Antenna	SCHWARZBECK	BBHA 9170	1123	08/19/2018	08/18/2019	>
	Power meter	Anritsu	ML2487A	6K00003613	08/23/2018	08/22/2019	
_	Power sensor	Anritsu	MX248XD		08/19/2018	08/18/2019	5

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5. EMC EMISSION TEST

5.1 CONDUCTED EMISSION MEASUREMENT

5.1.1 POWER LINE CONDUCTED EMISSION Limits (Frequency Range 150KHz-30MHz)

	Conducted limit (dBµV)	
Frequency of emission (MHz)	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
	56	46
5-30	60	50

Note:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

The following table is the setting of the receiver

Receiver Parameters	Setting
Attenuation	WSET 10 dB _{VSET}
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

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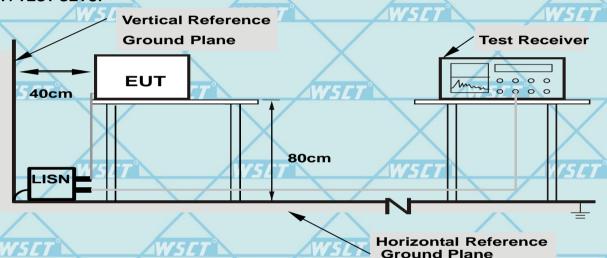
5.1.2 TEST PROCEDURE

- a. The EUT was placed 0.4 meters from the horizontal ground plane with EUT being connected at the power mains through a line impedance stabilization network (LISN). All other support www.wsct-cert.com equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- d. LISN at least 80 cm from nearest part of EUT chassis.
- e. For the actual test configuration, please refer to the related Item -EUT Test Photos.

5.1.3 DEVIATION FROM TEST STANDARD

No deviation

5.1.4 TEST SETUP



Note: 1.Support units were connected to second LISN.

2.Both of LISNs (AMN) are 80 cm from EUT and at least 80

from other units and other metal planes

5.1.5 EUT OPERATING CONDITIONS

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.





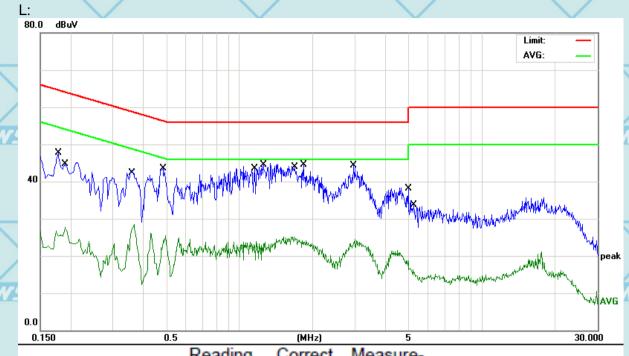




5.1.6 TEST RESULTS

	A COLUMN TO THE PARTY OF THE PA	X	X	
/	Temperature	26 ℃	Relative Humidity	54%
	Pressure	1010hPa	Test Mode	Mode 1

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				Reading	Correct	Measure-				
ET°	No.	Mk.	Freq.	Level	Factor	ment	Limit	Over		
			MHz	dBu∀	dB	dBu∀	dBu∀	dB	Detector	
<u> </u>	1		0.1780	37.27	10.45	47.72	64.57	-16.85	QP	4
- W	2		0.1900	17.18	10.45	27.63	54.03	-26.40	AVG	À
	3		0.3660	18.08	10.49	28.57	48.59	-20.02	AVG	
E 7	4		0.4820	32.97	10.52	43.49	56.30	-12.81	QP	
	5		1.1700	13.32	10.58	23.90	46.00	-22.10	AVG	1
/	6	×	1.2540	33.97	10.59	44.56	56.00	-11.44	QP	/
W	7		1.6740	14.37	10.66	25.03	46.00	-20.97	AVG	1
	8		1.8300	33.87	10.68	44.55	56.00	-11.45	QP	
	9		2.9580	33.61	10.72	44.33	56.00	-11.67	QP	
	10		2.9820	13.86	10.72	24.58	46.00	-21.42	AVG	1
	11		4.9660	27.35	10.74	38.09	56.00	-17.91	QP	•
Certifical	12		5.2540	4.67	10.74	15.41	50.00	-34.59	AVG	4
The state of the s	, lest		/							

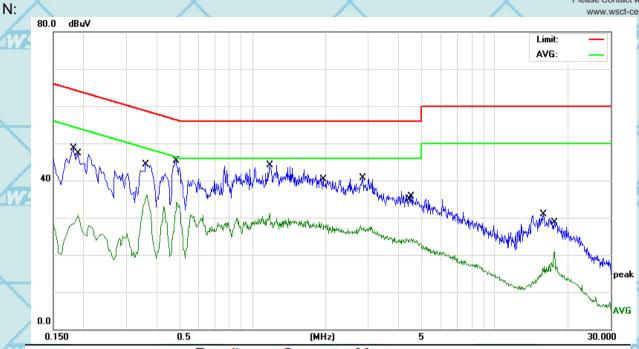
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Z				Reading	Correct	Measure-				IA
	No.	Mk.	Freq.	Level	Factor	ment	Limit	Over		
Ī			MHz	dBu∀	dB	dBu∀	dBu∀	dB	Detector	
	1		0.1819	38.23	10.45	48.68	64.39	-15.71	QP	_
	2		0.1900	20.27	10.45	30.72	54.03	-23.31	AVG	
_	3		0.3660	25.59	10.49	36.08	48.59	-12.51	AVG	_
7	4	*	0.4820	34.70	10.52	45.22	56.30	-11.08	QP	-14
	5		1.1740	33.45	10.58	44.03	56.00	-11.97	QP	_
	6		1.1740	20.77	10.58	31.35	46.00	-14.65	AVG	_
	7		1.9620	17.47	10.70	28.17	46.00	-17.83	AVG	
_	8		2.8540	29.93	10.72	40.65	56.00	-15.35	QP	
7	9		4.4500	13.63	10.73	24.36	46.00	-21.64	AVG	ĺ
Ī	10		4.5220	25.03	10.74	35.77	56.00	-20.23	QP	_
	11		15.8180	19.74	11.18	30.92	60.00	-29.08	QP	-
	12		17.5419	9.61	11.12	20.73	50.00	-29.27	AVG	1

Note: 1.All the modes have been investigated, and only worst mode is presented in this report. 2.Over=Reading Level+ Correct Factor - Limit.



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5.2 RADIATED EMISSION MEASUREMENT

5.2.1 Radiated Emission Limits (Frequency Range 9kHz-1000MHz)

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20dBc in any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

Frequencies	Field Strength	Measurement Distance
(MHz)	(micorvolts/meter)	(meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

EDEOLIENCY (MHz)	Limit (dBuV/m) (at 3M)			
FREQUENCY (MHz)	PEAK	AVERAGE		
Above 1000	74	54		

Notes:

- (1) The limit for radiated test was performed according to FCC PART 15C.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).

	Spectrum Parameter	Setting
	Attenuation	Auto
	Start Frequency	5 <i>CT</i> W 1000 MHz W 5 <i>CT</i>
	Stop Frequency	10th carrier harmonic
/	RB / VB (emission in restricted band)	1 MHz / 1 MHz for Peak, 1 MHz / 1Hz for Average

Receiver Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9kHz~150kHz / RB 200Hz for QP
Start ~ Stop Frequency	150kHz~30MHz / RB 9kHz for QP
Start ~ Stop Frequency	30MHz~1000MHz / RB 120kHz for QP

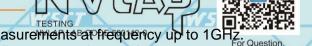


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5.2.2 TEST PROCEDURE



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a. The measuring distance of at 3 m shall be used for measurements at frequency up to 1GF For frequencies above 1GHz, any suitable measuring distance may be used. Please Contact with WSCT b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meterwsct-cert.com

open area test site. The table was rotated 360 degrees to determine the position of the highest

- c. The height of the equipment or of the substitution antenna shall be 0.8 m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.
- f. For the actual test configuration, please refer to the related Item -EUT Test Photos. Note:

Both horizontal and vertical antenna polarities were tested and performed pretest to three orthogonal axis. The worst case emissions were reported

5.2.3 DEVIATION FROM TEST STANDARD

No deviation	SET WSET	WSET	WSET
WSET WSET	WSET	WSET	WSET
WSET W	YSET WSE		WSET
WSET WSET	WSET	WSET	WSET
W5CT W	VSET WSE	WSCT	WSET
WSET WSET	WSET	WSET	WSET
	VSET WSE	X	WSCT
WSCT	WSET	WSET	WSET
World Standard Sation Certification & Testing Group Co.,Ltd.	ADD:Building A-B Baoshi Science & technol TEL:86-755-26996143/26996144/26996145/26996192		

Report No.:FCC18110006A-Wi-Fi



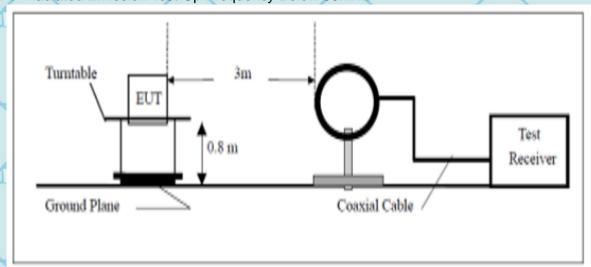




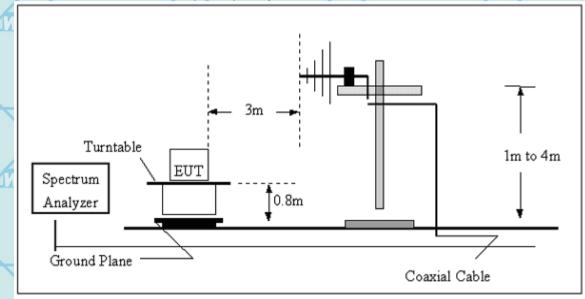
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5.2.4 TEST SETUP

(A) Radiated Emission Test-Up Frequency Below 30MHz



(B) Radiated Emission Test-Up Frequency 30MHz~1GHz



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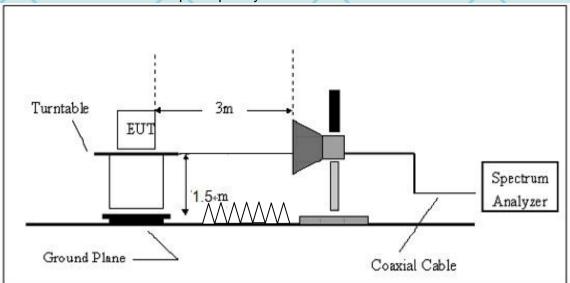




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(C) Radiated Emission Test-Up Frequency Above 1GHz



5.2.5 EUT OPERATING CONDITIONS

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The EUT tested system was configured as the statements of 2.4 Unless otherwise a special operating condition is specified in the follows during the testing.

WSET	WSET	WSET	WSET	WSET	,
WS		SET WS			WSET
WSET	WSET	W5ET°	WSET	WSET	
WS	ET W	SET WS	ET WS	<i>(1)</i>	WSET
WSET	WSET	WSCT	WSET	WSET	
	W.	SET WS	ET W.	TET	WSET
World Standard Lation Cent	7 Regulation of the Notice of	WSET	WSET	WSET	
World Standard Zation Cer	世标检测认证股份 tification & festing Group Co.,Ltd.	ADD:Building A-B Baoshi Science & tecl EL:86-755-26996143/26996144/26996145/2 6 99	hnology Park, Baoshi Road, Bao'an 6192 FAX:86-755-86376605 E-mail:Fengbir	District, Shenzhen, Guangdong.Wang@wsct-cert.com Http://www.w	ong, China esct-cert.com

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5.2.5.1 RESULTS (Below 30 MHz)

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			_				minimout contro	
1	Temperature	20 ℃		Relative Humidity	48%		4	
4	Pressure	1010 hPa		Test Mode	Mod	le 1		3L 1

Freq.	Reading	Limit	Margin	State
(MHz)	(dBuV/m)	(dBuV/m)	(dB)	P/F
\/	\/	/	\	Р
- -			/	Р

NOTE:

WSET"

No result in this part for margin above 20dB.

Distance extrapolation factor =40 log (specific distance/test distance)(dB);

Limit line = specific limits(dBuV) + distance extrapolation factor.

All the x/y/z orientation has been investigated, and only worst case is presented in this report.

	WSET	WSET	WSET	WSET	WSET
WSET	WSEI	$\langle \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$			WSET
	WSET	WSET	WSET	WSET	WSET
WSLT	WSE	$\langle \hspace{0.1cm} \rangle$			WSET
	WSLT	WSET	WSET	WSET	WSET
WSET	WSG	$\langle \hspace{0.1cm} \rangle$			WSET
	X	WSET	WSET	WSET	WSET
The Co.	tification & Popular	$\overline{}$			X

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5.2.5.2 TEST RESULTS (Between 30M - 1000 MHz)

\		V			Please Contact with WSCT
		20 ℃	Relative Humidity	48%	www.wsct-cert.com
5	Pressure	1010 hPa	Test Mode	Mode 1	WSE



_	No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	THE REAL PROPERTY.
			MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
	1	*	31.9546	23.83	4.05	27.88	40.00	-12.12	QP
	2	A	43.0505	22.88	-1.27	21.61	40.00	-18.39	QP
_	3		106.7587	23.17	-2.50	20.67	43.50	-22.83	QP
	4		239.9874	22.69	-5.18	17.51	46.00	-28.49	QP
	1 5	7	434.0651	21.93	-0.43	21.50	46.00	-24.50	QP
	6		638.3686	30.32	1.71	32.03	46.00	-13.97	QP

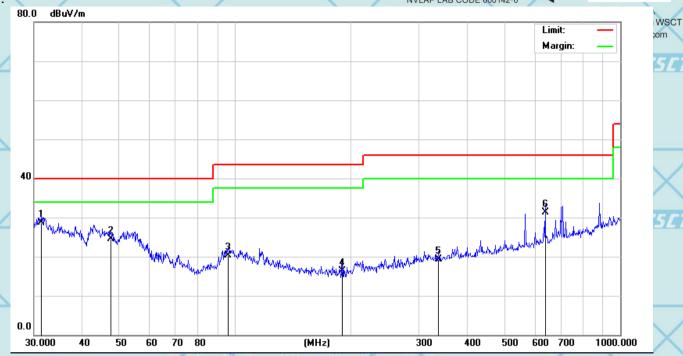
WSET WSET WSET WSET











_	No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	THE PARTY NAMED IN
,			MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
	1	*	31.3992	24.50	4.26	28.76	40.00	-11.24	QP
	2	1	47.4918	28.07	-3.53	24.54	40.00	-15.46	QP
	3		95.7622	24.96	-4.71	20.25	43.50	-23.25	QP
_	4		189.7385	23.40	-7.19	16.21	43.50	-27.29	QP
	1 5	7	337.2155	21.25	-1.96	19.29	46.00	-26.71	QP
	6		638.3686	29.85	1.40	31.25	46.00	-14.75	QP

Note: 1.All the modes have been investigated, and only worst mode is presented in this report. 2.Over=Reading Level+ Correct Factor - Limit.

WSET WSET WSET WSET

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5.2.5.3 TEST RESULTS (1GHz to 25GHz)

For Question, Please Contact with WSCT

_	Temperature	20 ℃	Relative Humidity	48%	rt.com
Ľ	Pressure	1010 hPa 7 W5C1	Test Mode	Mode 1 TX	V5
	Frequency	2412MHz			

Freq.	Ant.	Emission		Limit		Over(dB)	
(MHz)	Pol.	Level(dBuV)	3m(dBu)	V/m)		NSCT
	H/V	PK	AV	PK	AV	PK	AV
4824	V	60.36	39.12	74	54	-13.64	-14.88
7236	V	58.25	40.48	74	54	-15.75	-13.52
4824	H	58.45	40.02	74	54	-15.55	-13.98
7236	H	59.21	40.21	74	54	-14.79	-13.79

Remark:

All emissions not reported were more than 20dB below the specified limit or in the noise floor.

Factor = Antenna Factor + Cable Loss - Pre-amplifier.

All the x/y/z orientation has been investigated, and only worst case is presented in this report.

Temperature	20 °C/557	Relative Humidity	48%
Pressure	1010 hPa	Test Mode	Mode 1 TX
Frequency	2437MHz		

Freq. (MHz)	Ant.Pol.	Emission Level(dBuV		Limit 3m(dBuV/m)		Over(dB)	
	H/V _	PK	AV _	PK	AV	PK	AV
4874	V	60.20	41.27	74	54	-13.80	-12.73
7311	V	59.34	40.97	74	54	-14.66	-13.03
4874	ΧH	58.20	39.50	74	54	-15.80	-14.50
7311	H	59.30	40.30	74	54	-14.70	-13.70

Remark:

All emissions not reported were more than 20dB below the specified limit or in the noise floor.

WSET"

Factor = Antenna Factor + Cable Loss - Pre-amplifier.

All the x/y/z orientation has been investigated, and only worst case is presented in this report.



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	Temperature	20 ℃	Relative Humidity	48%	For Question, Please Contact with WSCT
	Pressure	1010 hPa	Test Mode	Mode 1 TX	www.wsct-cert.com
1	Frequency	2462MHz		567	W/SET

Freq.	Ant.Pol.	Emission	Emission Level(dBuV		Limit		Over(dB)	
(MHz)					3m(dBuV/m)			
W.	CH/V	PK W	5 C / AV	PK W	5 CAV	PK /	/5/AV	
4924	V	60.96	41.56	74	54	-13.04	-12.44	
7386	V	59.20	40.68	74	54	-14.80	-13.32	
4924	H /	58.55	40.32	74	54	-15.45	-13.68	
7386	H	59.11	40.11	74	54	-14.89	-13.89	

Remark:

All emissions not reported were more than 20dB below the specified limit or in the noise floor. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

All the x/y/z orientation has been investigated, and only worst case is presented in this report.

	Temperature	20 ℃	Relative Humidity	48%
1	Pressure	1010 hPa	Test Mode	Mode2 TX
	Frequency	2412MHz		

	Freq.	Ant. Pol.	Emission		Limit 3m(dBuV/m)		Over(dB)	
	(MHz)	CECT	Level(dBuV)	Aug		A111	CLT
		H/V	PK	AV	PK	AV	PK	AV
	4824	V	58.30	40.66	74	54	-15.70	-13.34
	7236	V	58.52	40.33	74	54	-15.48	-13.67
	4824	H	59.81	39.69	74	54	-14.19	-14.31
1	7236	H	59.05	40.05	74	54	-14.95	-13.95

Remark:

All emissions not reported were more than 20dB below the specified limit or in the noise floor. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

All the x/y/z orientation has been investigated, and only worst case is presented in this report.

世标检测认证股份 Testing Group Co.,Ltd.







For Question

	Temperature	20 ℃	Relative Humidity	48% Please Contact with www.wsct-cert.c	
1	Pressure	1010 hPa	Test Mode	Mode 2 TX	5 <i>C1</i>
	Frequency	2437MHz			

	Freq. (MHz)	Ant.Pol.	Emission I	Level(dBuV	Limit 3m(dBuV/m)		Over(dB)	
		H/V	PK	AV	PK	AV	PK	AV
	4874	V	59.14	40.29	74	54	-14.86	-13.71
1	7311	V _	58.65	40.55	74	54	-15.35	-13.45
14	4874	HAW	58.36	39.33	574	54	-15.64	-14.67
	7311	A	59.78	40.78	74	54	-14.22	-13.22

Remark:

All emissions not reported were more than 20dB below the specified limit or in the noise floor. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

All the x/y/z orientation has been investigated, and only worst case is presented in this report.

Temperature	20 ℃	Relative Humidity	48%
Pressure	1010 hPa	Test Mode	Mode 2 TX
Frequency	2462MHz		

Freq. (MHz)	Ant.Pol.	Emission I	_evel(dBuV)	Lir 3m(dB		Over(dB)		
	H/V _	PK	AV	PK	AV _	PK	AV _	
4924	V	59.82	41.89	74	54	-14.18	-12.11	
7386	V	59.11	39.13	74	54	-14.89	-14.87	
4924	X	58.54	39.36	74	× 54	-15.46	-14.64	
7386	H	59.44	40.44	74	54	-14.56	-13.56	

Remark:

All emissions not reported were more than 20dB below the specified limit or in the noise floor. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

All the x/y/z orientation has been investigated, and only worst case is presented in this report.

WSET WSET WSET WSET WSET WSET WSET







For Question,

			\vee		Please Contac	ct with WS
	Temperature	20 ℃		Relative Humidity	48% www.wsct	-cert.com
/	Pressure	1010 hPa	5/7	Test Mode	Mode3 TX	W5
	Frequency	2412MHz				14.4

Freq.	Ant. Pol.	Emission		Limit		Over(dB)		
(MHz)	(MHz) Level(dBuV) 3m(dBuV/m)							
	H/V	PK	AV	PK	AV	PK	AV	
4824	V	59.49	40.94	74	54	-14.51	-13.06	
7236	V	58.58	40.82	74	54	-15.42	-13.18	
4824	H	59.94	40.76	74	54	-14.06	-13.24	
7236	A	59.91	40.91	74	54	-14.09	-13.09	

Remark:

All emissions not reported were more than 20dB below the specified limit or in the noise floor. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

All the x/y/z orientation has been investigated, and only worst case is presented in this report.

			0
Temperature	20 ℃	Relative Humidity	48%
Pressure	1010 hPa	Test Mode	Mode 3 TX
Frequency	2437MHz		

Freq.	Ant.Pol.	Emission Level(dBuV)		Limit		Over(dB)	
(MHz)	X	X		3m(dBuV/m)		X	
<i>(</i> -	H/V	PK /	AV	PK /	AV	PK	AV
4874	261	60.93	39.58	74	54	-13.07	-14.42
7311	V	58.27	39.47	74	54	-15.73	-14.53
4874	Н	59.93	39.38	X 74	54	-14.07	-14.62
7311	Н	59.84	40.84	74	54	-14.16	-13.16

Remark:

WSET"

All emissions not reported were more than 20dB below the specified limit or in the noise floor. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

All the x/y/z orientation has been investigated, and only worst case is presented in this report.







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			INVLAP LAB CODE OL	0142-0	
	Temperature	20 ℃	Relative Humidity	48%	For Question, Please Contact with WSCT
	Pressure	1010 hPa	Test Mode	Mode 3 TX	www.wsct-cert.com
1	Frequency	2462MHz		'5[T	WSCI

Freq. (MHz)	Ant.Pol.	Emission Level(dBuV)		3m(dBuV/m)		Over(dB)	
W	J H/V	PK W	5CTAV	PK//	5 CAV	PK /	/5 AV
4924	V	60.36	40.83	74	54	-13.64	-13.17
7386	V	× 59.02	39.53	74	54	-14.98	-14.47
4924	H /	58.98	40.02	74	54	-15.02	-13.98
7386	H	58.20	39.20	74	54	-15.80	-14.80

Remark:

All emissions not reported were more than 20dB below the specified limit or in the noise floor. Factor = Antenna Factor + Cable Loss – Pre-amplifier.

All the x/y/z orientation has been investigated, and only worst case is presented in this report.

M	VSET	WSET	WSET	WSET	WSET
WSET	WSET	\times			5.27
	VSET*	WSET	WSET	WSET	WSLT
WSET	WSET	$\langle \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$		VI-	567
	VSLT	WSET	WSET	WSET	WSET
WSET	WSET				5.67
	X	WSET	WSET	W5ET	WSET
in Cellul	cation & Popular	X			X

Report No.:FCC18110006A-Wi-Fi

ADD:Building A-B Baoshi Science



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6. ANTENNA APPLICATION

6.1 Antenna requirement

The EUT'S antenna is met the requirement of FCC part 15C section 15.203 and 15.247

FCC part 15C section 15.247 requirements: Systems operating in the 2402-2480MHz band that are used exclusively for fixed, point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum peak output power of the intentional radiator is reduced by 1dB for every 3dB that the directional gain of the antenna exceeds 6dBi.

6.2 Result

The EUT's antenna Integral Antenna, The antenna's gain is -1.3dBi and meets the requirement.

WSET	W5ET*	WSET	WSET	WSUI	
WSE				WSET	WSET
WSET	WSET	WSET	WSET	WSET	
WSE			\times	WSCT	WSET
WSET	WSET	WSET	WSET	WSCI	
WSE				WSLT	WSCT
WSET	WSET	WSET	WSET	WSEI	
\times		\leq	SET	WSET	WSET
World Standard zetion Certific	The Walter Walter	WSET	WSCT	WSE	
World Standard Zation Certific	世标检测认证股份 AD TEL	D:Building A-B Baoshi Science & (:86-755-26996143/26996144/26996145/2	echnology Park, Baoshi Road, B	ao'an District, Shenzhen, Guarden, Guarden, Guardengbing.Wang@wsct-cert.com Http:	angdong, China www.wsct-cert.com r of the WSCT INC.

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7. 6DB BANDWIDTH MEASUREMENT 7.1 TEST SETUP

> Attenuator SPECTRUM EUT ANALYZER

7.2 LIMITS OF 6DB BANDWIDTH MEASUREMENT

The minimum of 6dB Bandwidth Measurement is >500 kHz

7.3 TEST PROCEDURE

- 1. Set resolution bandwidth (RBW) = 100 kHz
- 2. Set the video bandwidth (VBW) \geq 3 x RBW.
- 3. Detector = Peak.
- 4. Trace mode = max hold.
- 5. Sweep = auto couple.
- 6. Allow the trace to stabilize.
- 7. Measure the maximum width of the emission that is constrained by the frequencies associated with the two

outermost amplitude points (upper and lower) that are attenuated by 6 dB relative to the maximum level measured

in the fundamental emission.

7.4 TEST RESULT

6dB Occupied Bandwidth

_	ocapica b	anamatin					
╮	Mode	802	11b	Humidity	56%	RH	
1	Temperat	ure 24	deg. C,				5
/		_Channel	Data Transfer	6 dB Bandwidth	Minimum		
V	Channel	Frequency	Rate	(kHz)	Limit	Pass/ Fail	5
		(MHz)	(Mbps)	((MHz)		
	1	2412	1	8589.7	0.5	Pass	
	6	2437	1	9615.4	0.5	Pass	
	11	2462	A LAND	9679.5	0.5	Pass	

	\ /							
	Mode 8		802.11g		Humidity 56%		% RH	
/	Temperat	ure	24 deg. C	,				
N	'5[T"	Channel	VSET°	Data	V5ET°	Minimum	7° W	5
	Channel	Frequency (MHz)		Transfer Rate (Mbps)	6 dB Bandwidth (kHz)	Limit (MHz)	Pass/ Fail	
	1	2412		6	11282.1	0.5	Pass	
	6	2437		W 6	16089.7	0.5	Pass	
\	11	2462		6	12756 4	0.5	Pass	

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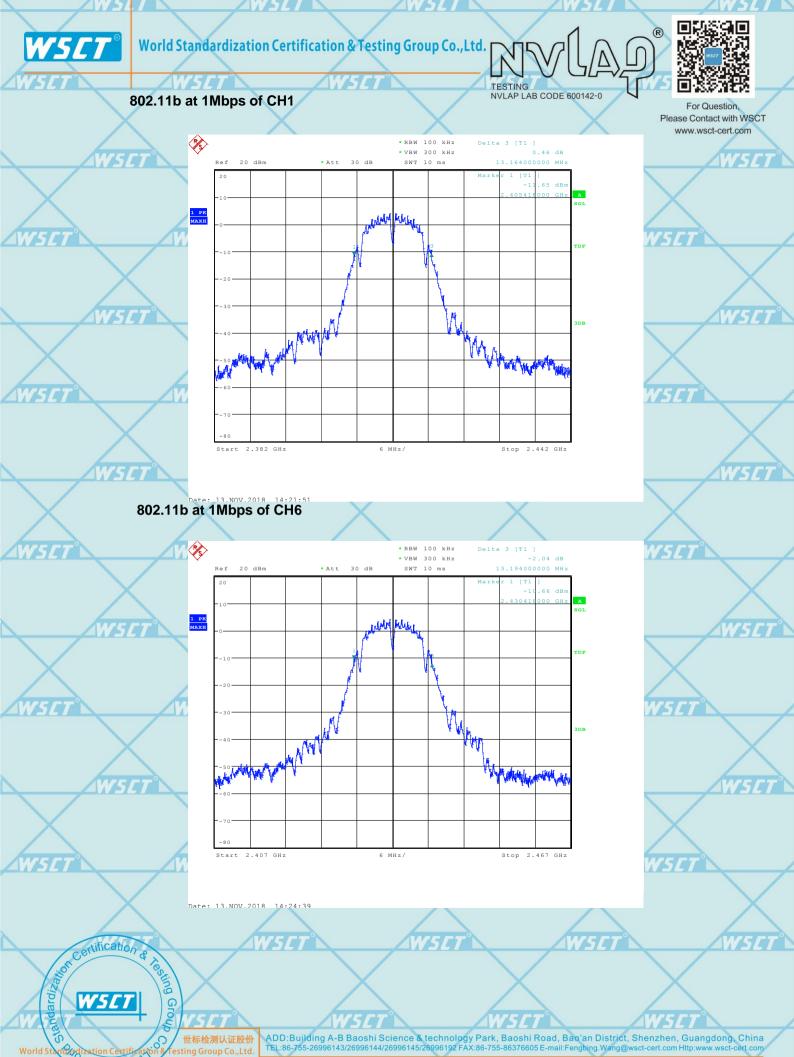
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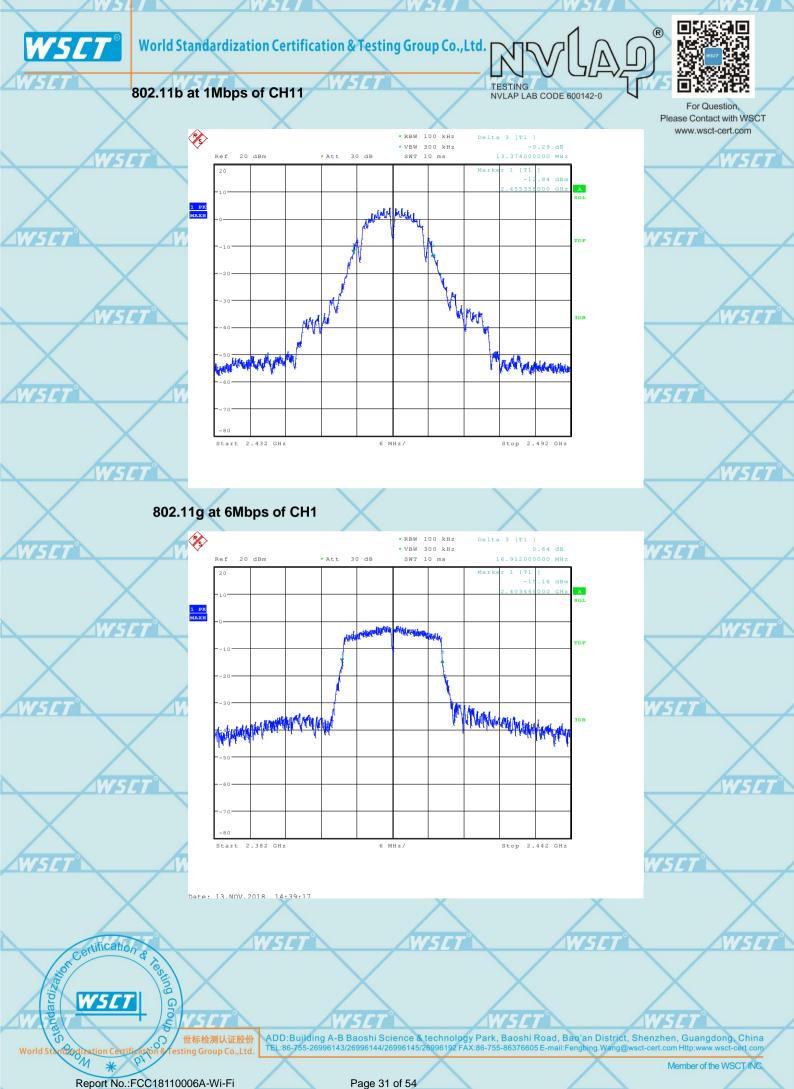
	Mode		802.	11n20	Humidity NVLAP LA	AB CODE 600142 56 %		:
	Temperat	Temperature 24 c		eg. C,		For Question,		
3	Channel	Channe Frequen	су	Data Transfer Rate	6 dB Bandwidth (kHz)	Minimum Limit	www.wsct-cert.cdr	
		(MHz)		(Mbps)		(MHz)		
	1	2412		6.5	11410.3	0.5	Pass	
	6	2437		6.5	17307.7	0.5	Pass	
	11	2462		6.5	12500.0	0.5	Pass	

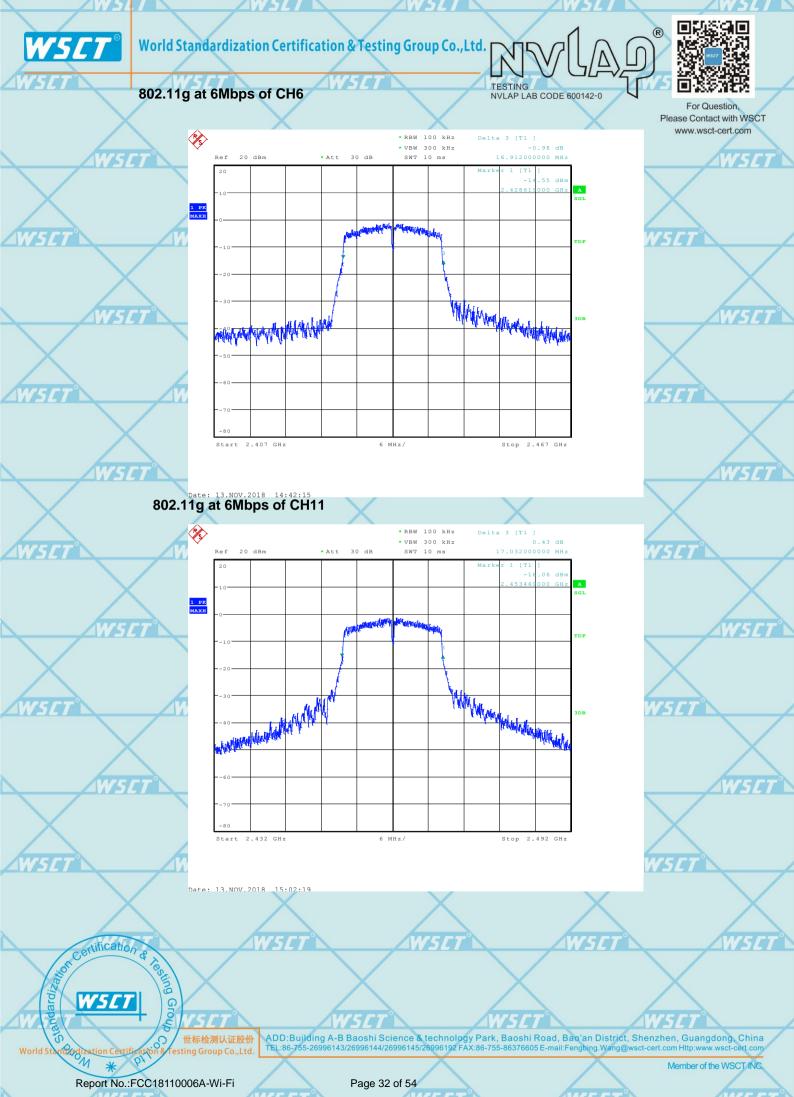
WSE	7	WSET [®]	WSET	WSET		WSET
WSET	WSET	WSE		SET	WSET	,
WSE		WSCT	WSET	WSET		WSET
WSET	WSET	WSE		VSET*	WSET	,
WSE		WSET	WSET	WSET		WSET
WSET	WSET	WSE		VSET	WSET	,
WSE		WSET	WSET	WSET		WSET
WSET	WSET	WSG		VSET	WSET	
\sim	X	WSET	WSET	WSET		W5ET
World Standard Seation Certification	Testing Group	WSG		VSET .	WSET	
World Standard Zation Certifica	世标检测认证股份 pton & Testing Group Co.,Ltd.			Baoshi Road, Bao'an Distric 5-86376605 E-mail:Fengbing.Wang(t, Shenzhen, Guangdo @wsct-cert.com Http:www.ws	ng, China sct-cert.com

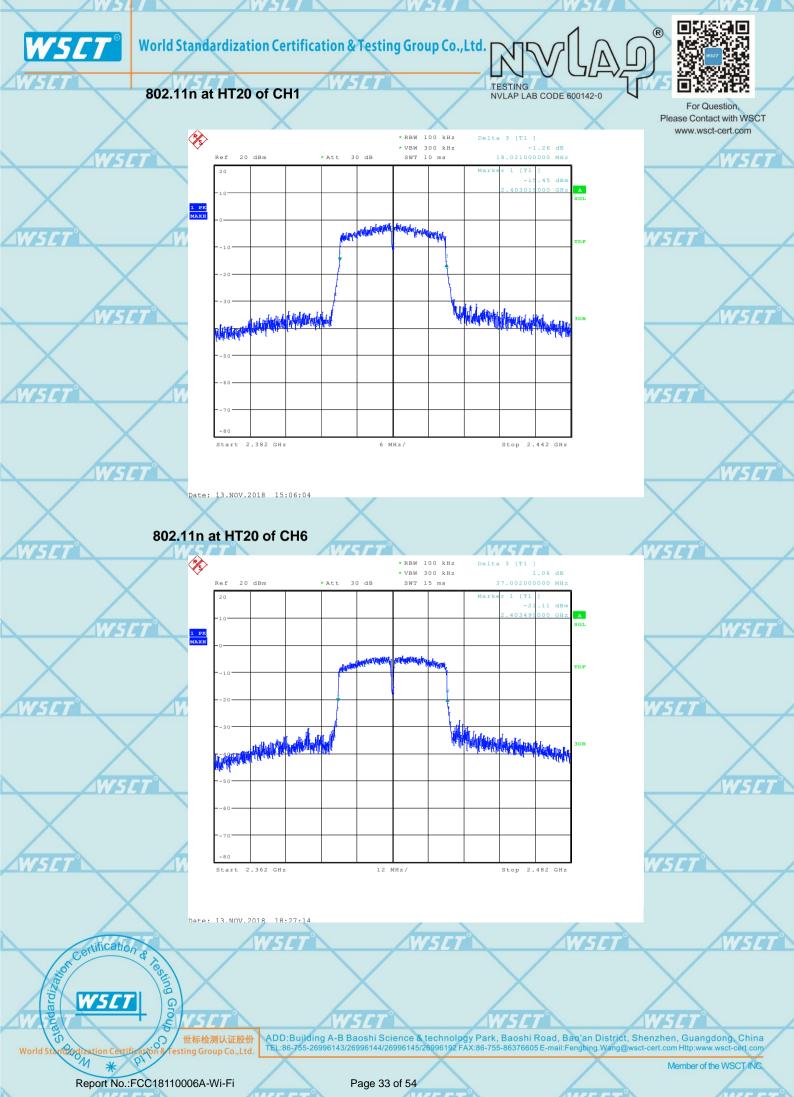
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8. MAXIMUM CONDUCTED OUTPUT POWER

Test Requirement: FCC 47 CFR Part 15 Subpart C 15.247(b) Test Method: KDB 789033 D02 v01r04 Section E.3.a (Method PM) The Maximum Peak Output Power Measurement is 30dBm.

Test Procedure:

- 1. Connected the EUT's antenna port to measure device by 10dB attenuator.
- 2. Method PM is used to perform output power measurement, trigger and gating function of wide band power meter is enabled to measure max output power of Tx on burst.

For Conducted RF test setup Power meter EUT Attenuator (EUT: Mobile Phone) Certification

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Test Data:

World Standardization Certification & Testing Group Co., Ltd.

TESTING
NVLAP LAB CODE 600142-0



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/	Mode	Channel/	Maximum conducted	Limit(dBm)	Pass / Fail	
		Frequency	output			
		(MHz)	power (dBm)			
			Meas Power			¥
	802.11b	1(2412)	17.34	30	Pass	
	X	6(2437)	17.51	30	Pass	
	WELL	11(2462)	17.31	30	Pass	
7	802.11g	1(2412)	15.08	30	Pass	
		6(2437)	15.55	30	Pass	
	Av.	11(2462)	15.76	30	Pass	
	802.11n(HT20)	1(2412)	15.34	30	Pass	
	X	6(2437)	15.87	30	Pass	
	A	11(2462)	15.88	30	Pass	

WSET	WSET	WSET	WSET	WS	
			WSET	WSET	WSET
WSET	WSET	WSET	WSET		
W.5			WSET	WSLT	WSET
WSET	WSET	WSET	WSET		
Certification			W5ET°	WSET	WSET
100	47/				

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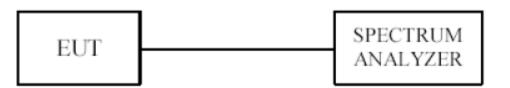
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9. POWER SPECTRAL DENSITY MEASUREMENT



9.2 LIMITS OF POWER SPECTRAL DENSITY MEASUREMENT

The Maximum Power Spectral Density Measurement is 8dBm.

9.3 TEST PROCEDURE

- 1. Use this procedure when the maximum peak conducted output power in the fundamental emission is used todemonstrate compliance.
- 2. Set the RBW = 3 kHz.
- 3. Set the VBW =10 kHz.
- 4. Set the span to 1.5 times the DTS channel bandwidth.
- 5. Detector = peak.
- 6. Sweep time = auto couple.
- 7. Trace mode = max hold.
- 8. Allow trace to fully stabilize.
- 9. Use the peak marker function to determine the maximum amplitude level.
- 10. If measured value exceeds limit, reduce RBW (no less than 3 kHz) and repeat.

11. The resulting peak PSD level must be ≤ 8 dBm. ertification

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NVLAD



9.4 TEST RESULT

					TESTING		101.000.000
1	Mode	802.11b		Humidity	NVLAP LAB CODE 650	6‰RH ♥	EL STORETO
	Temperature	24 deg. C,				PI	For Question, lease Contact with WSCT
	Channel	Channel	Final R	Power	Maximum Limit		Twaiw.wsct-cert.com
1		Frequency	Level ir	n (dBm)	(dBm)		
ľ	15CT	(MHz)		WSET.	<u> </u>	577	
				1Mbps			
	1	2412	-14	.16	8	Pas	SS
	6	2437	-14	.17	8	Pas	SS
	11	2462	-14	.39	8	Pas	SS

	Mode	802.11g	Humidity	56%	RH
/	Temperature	24 deg. C,			
7	Channel	Channel	Final RF Power	Maximum Limit 5	Pass/ Fail
		Frequency	Level in (dBm)	(dBm)	
		(MHz)			
			6Mbps		
	1	2412	-14.67	8	Pass
	6	2437	75 -14.70	W 5 / 8	Pass
1	11	2462	-14.85	8	Pass

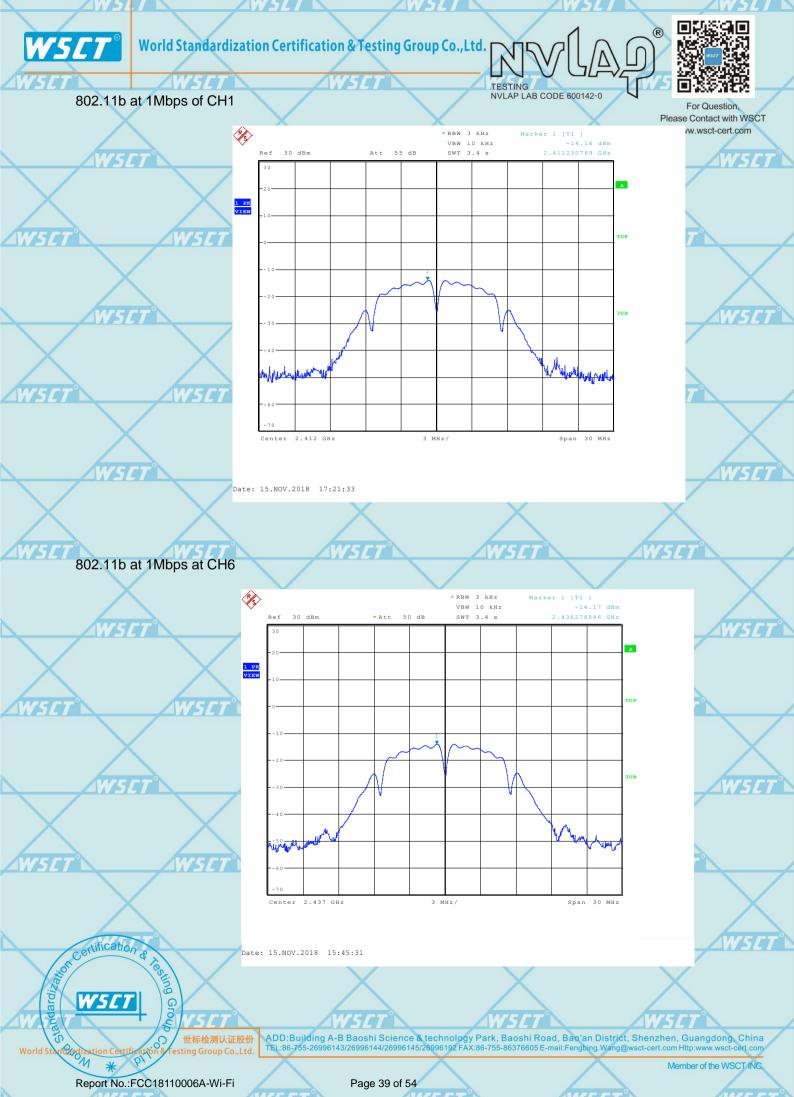
4					
9	Mode	802.11n HT20	Humidity	56%	6 RH
V	Temperature	24 deg. C,	WP-15-1		
	Channel	Channel	Final RF Power	Maximum Limit	Pass/ Fail
		Frequency	Level in (dBm)	(dBm)	X
		(MHz)			
	WS	TT	6.5Mbps	WSIT	WSIT
1	1	2412	-15.12	8	Pass
	6	2437	-15.26	8	/ Pass
		2462	-14.80	8	Pass

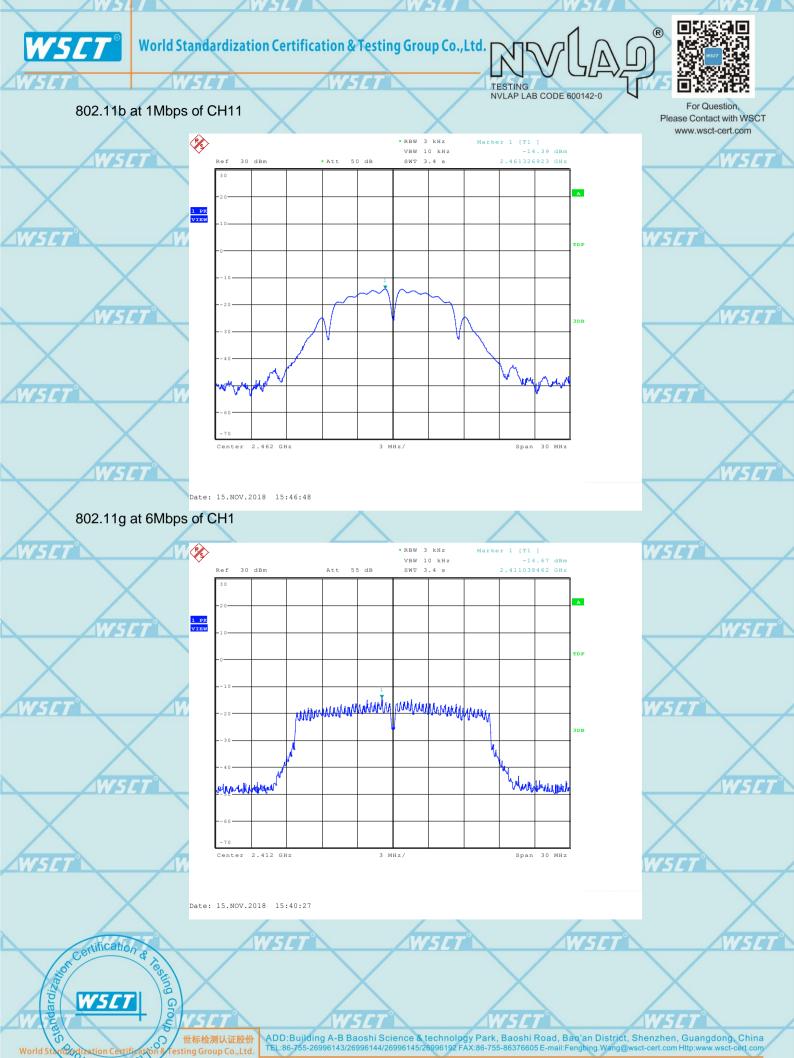
Remark: All of the modes have been investigated, and only worst mode is presented in this report.

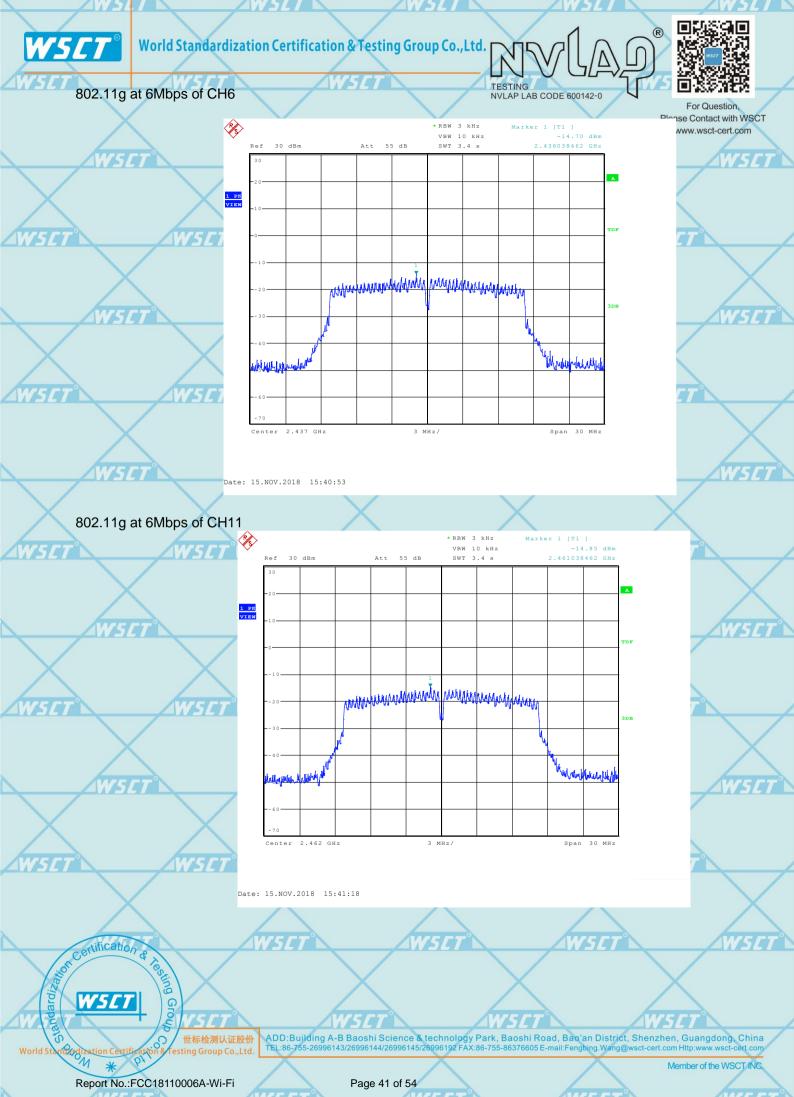
WSET	WSET	WSET	WSET	WSET	
				X	X
W.5	W.	SCT [®] W	SET° V	VSET*	WSET°
WSET	WSCT	WSLT	WSET	WSET	
ulicatia	W	5/7° W	5/7	V5/T	WSET

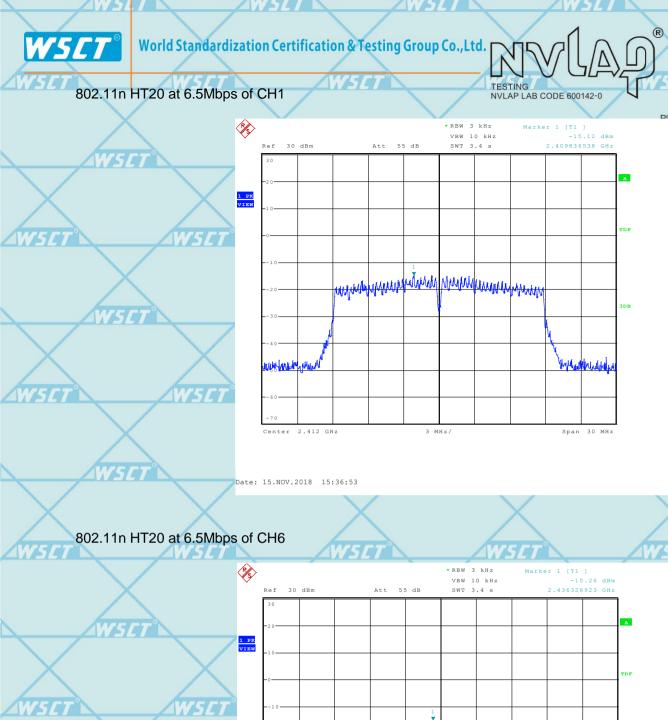
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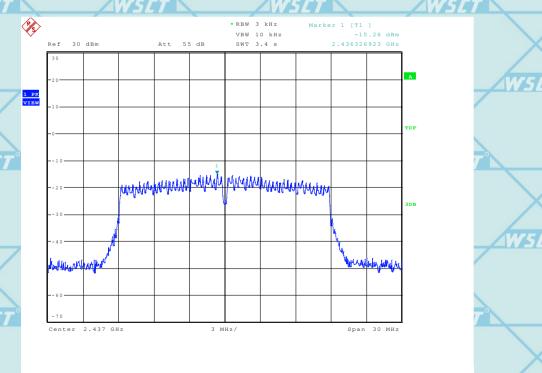
ADD:Building A-B Baoshi Science & technology Park, Baoshi Road, Bao'an District, Shenzhen, Guangdong, China TEL:86-755-26996143/26996144/26996145/26996192 FAX:86-755-86376605 E-mail:Fengbing.Wang@wsct-cert.com Http://www.wsct-cert.com











Date: 15.NOV.2018 15:36:21

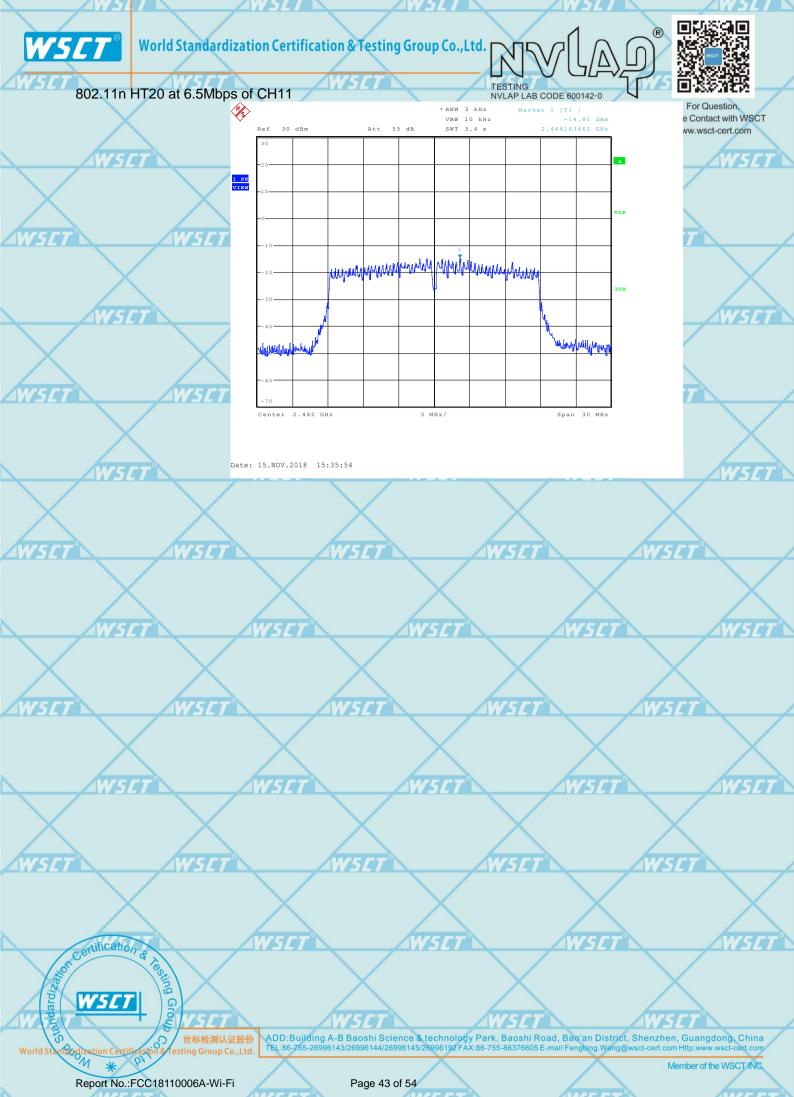
世标检测认证股份 Ton & festing Group Co.,Ltd.

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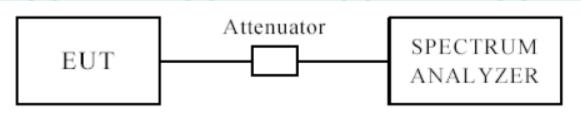
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10. OUT OF BAND MEASUREMENT 10.1 TEST SETUP FOR BAND EDGE



The restricted band requirement based on radiated emission test; please see the clause 6 for the test setup

10.2 LIMITS OF OUT OF BAND EMISSIONS MEASUREMENT

- 1. Below -20dB of the highest emission level of operating band (in 100kHz Resolution Bandwidth).
- 2. Fall in the restricted bands listed in section 15.205. The maximum permitted average field strength is listed in section 15.209.

10.3 TEST PROCEDURE

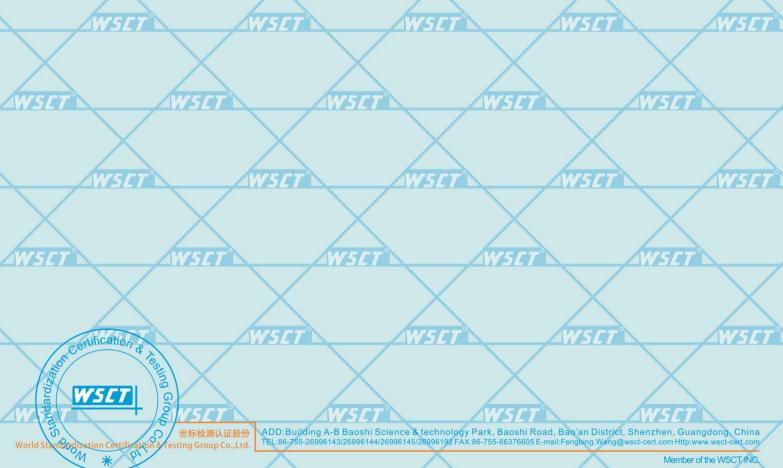
For signals in the restricted bands above and below the 2.4-2.483GHz allocated band a measurement was made of radiated emission test. (Peak values with RBW=VBW=1MHz and PK detector. AV value with RBW=1MHz,VBW=10Hz and PK detector)

For bandage test, the spectrum set as follows: RBW=100 kHz, VBW=100 kHz. A conducted measurement used

10.4 TEST RESULT

Please see next pages

Note: This is a handhold device. The radiated emissions should be tested under 3-axes position (Lying, Stand), After pre-test. It was found that the worse radiated emission was get at the lying position.



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Radiated measurement:

802.11b

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	Indicated Frequency (MHz) Receiver Reading (PK/AV) (dBμV/m)		Antenna Co		Corre	ection Factor		FCC Part 15.24		17
F			Polar (H/V)	Ant. Factor (dB/m)	Cable Loss (dB)	Pre-Amp. Gain (dB)	Cord. Amp. (dBµV/m)	Limit (dBμV/m)	Margin (dB)	
	Low Channel (2412MHz)					177	777			
	2390	29.41	AV	V	30.3	4.1	33.1	30.71	54	23.29
	2390	30.03	AV	Xн	30.3	4.1	33.1	31.33	54	22.67
	2390	40.74	PK	V	30.3	4.1	33.1	42.04	74	31.96
7	2390	39.71	PK	56 H	30.3	4.1	33.1	41.01	74	32.99
High Channel (2462MHz)										
	2483.5	30.22	AV	V	31	4.4	32.7	32.92	54	21.08
1	2483.5	29.88	AV	H/	31	4.4	32.7	32.58	54//	21.42
	2483.5	41.13	PK	V	31	4.4	32.7	43.83	74	30.17
	2483.5	41.49	PK	×μ	31	4.4	32.7	44.19	74	29.81

802.11g

/	002.11g									
Indicated		Antenn		Corre	ection Fa	ection Factor		FCC Part 15.24		
7	Frequency (MHz)	Receiver Reading (dB _µ V/m)	result (PK/AV)	Polar (H/V)	Ant. Factor (dB/m)	Cable Loss (dB)	Pre-Amp. Gain (dB)	Cord. Amp. (dB _µ V/m)	Limit (dBμV/m)	Margin (dB)
Low Channel (2412MHz)										
	2390	30.56	AV	V	30.3	4.1	33.1	31.86	54	22.14
	2390	31.23	AV	Н	30.3	4.1	33.1	32.53	54	21.47
	2390	40.97	PK	V	30.3	4.1	33.1	42.27	74	31.73
	2390	41.60	PK	Н	30.3	4.1	33.1	42.90	74	31.10
7	High Channel (2462MHz)									194
	2483.5	31.87	AV	V	31	4.4	32.7	34.57	54	19.43
	2483.5	29.99	AV	Н	31	4.4	32.7	32.69	54	21.31
	2483.5	41.77	PK	5 (V)	31	V4.477	32.7	44.47	74	29.53
/	2483.5	39.67	PK	Н	31	4.4	32.7	42.37	74	31.63
	Note: The PAND EDGE DESTRICTED PANDS emission is too low at least 20dP to the Eundamental									

Note: The BAND EDGE RESTRICTED BANDS emission is too low at least 20dB to the Fundamental.



W5ET

AWSET

WSET

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802.11n HT20

Please Contact with WSC

	002.11111112	.0		<u> </u>					Pla	ease Contact	with WSCT
	Indicated		Indicated Ante		Correction Factor			FCC Part 15.247			rt.com
/	L roguonov	Receiver Reading (dB _µ V/m)	result (PK/AV)	Polar (H/V)	Ant. Factor (dB/m)	Cable Loss (dB)	Pre-Amp. Gain (dB)	Cord. Amp. (dB _µ V/m)	Limit (dBµV/m)	Margin (dB)	V5E
				Lo	ow Channel	(2412MH	z)				
7	2390	35.11	AV	V	30.3	4.1	33.1	36.41	54//	17.59	
	2390	33.66	AV	A	30.3	4.1	33.1	34.96	54	19.04	
	2390	52.23	PK	V	30.3	4.1	33.1	53.53	74	20.47	X
	2390	49.36	PK	J	30.3	4.1	33.1	50.66	74	23.34	V5F
				Hi	gh Channel	(2462MH	z)				
	2483.5	30.55	AV	V	31	4.4	32.7	33.25	54	20.75	
	2483.5	31.58	AV	Н	31	4.4	32.7	34.28	54	19.72	
/	2483.5	41.42	PK	V	31	4.4	32.7	44.12	74	29.88	
	2483.5	42.16	PK	/H	31	4.4	32.7	44.86	74	29.14	

Note: The BAND EDGE RESTRICTED BANDS emission is too low at least 20dB to the Fundamental.

WSET WSET WSET WSET	WSET
WSET WSET WSET WS	
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WSET WSET WSET WS	CT
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Certification WSET WSET WSET	WSET

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