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TEST REPORT

FCC ID: 2AIZN-X620B

Product: Mobile phone

Model No.: X620B

Additional Model No.: N/A

Trade Mark: Infinix

Report No.: FCC18070037A-2.4GWi-Fi

Issued Date: July 27, 2018

Issued for:

INFINIX MOBILITY LIMITED

RMS 05-15, 13A/F SOUTH TOWER WORLD FINANCE CTR HARBOUR CITY 17

CANTON RD TST KLN HONG KONG

Issued By:

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TESTING
NVLAP LAB CODE 600142-0



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1. GENERAL INFORMATION

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Product:	Mobile phone
Model No.:	X620B
Additional	N/A WSET WSET
Model:	N/A WSET WSET
Applicant:	INFINIX MOBILITY LIMITED
Address:	RMS 05-15, 13A/F SOUTH TOWER WORLD FINANCE CTR HARBOUR CITY 17 CANTON RD TST KLN 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	July 16, 2018
Date of Test:	July 16, 2018 to July 25, 2018
Applicable Standards:	FCC Rules Part15 Subpart C.
	the state of the s

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 1834	Date:	July 27, 2018 115	
	(Pu Shixi)			

Check By: Oil Shuiguan
(Qin Shuiguan)
Worl Soul bo

Approved By:

(Wang Fengbing)

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1.1.GENERAL DESCRIPTION OF EUT





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Ó	Equipment Type:	Mobile phone	7
منه	Test Model:	X620B	
	Additional Model:	N/A	
_	Trade Mark	Infinix W5CT W5CT	
	Applicant:	INFINIX MOBILITY LIMITED	
6	Address:	RMS 05-15, 13A/F SOUTH TOWER WORLD FINANCE CTR HARBOUR CITY 17 CANTON RD TST KLN HONG KONG	7
	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:	V2.1	
Ć	Software version:	X620B-Q6361A-O-180702V06/5/7	7
	Extreme Temp. Tolerance:	-10℃ to +65℃	
	Battery information:	Li-Polymer Battery: BL-35BX Voltage: 3.85V Capacity: 3550mAh/3650mAh(min/typ) Limited Charge Voltage: 4.4V	
1	Adapter Information:	Adapter: CQ-18VX Input: AC 100-240V 50/60Hz 0.5A Output: DC 5.0V3.0A/ 9.0V2.0A/ 12.0V1.5A	7
	Operating Frequency	2412-2462MHz	
	Channels	11 August	
1	Channel Spacing	5MHz	
	Modulation Type	CCK for IEEE 802.11b OFDM for IEEE 802.11g/n HT-20/n HT-40	
1	Antenna Type:	Integral Antenna W5CT W5CT	У.
	Antenna gain:	0.5dBi	
	Deviation	None	
	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)
Japan
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

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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 % $^{\circ}$

approxima	ately 95 %	0 %	\sim	\times
	No.	Item	Uncertainty	
WSET	1/1/2	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 W5CT	WSET
	5	All emissions, radiated(>1G)	±4.7dB	
	6	Temperature	±0.5°C	
WSET	7 W5	Humidity W5ET	±2% W5E7°	WSET
WSE		WSET WSE	T WSET	
WSET	WS		WSET	WSET
WSE		WSET WSE		WSET
WSET	WAS	ET WSET	WSCT	WSET
WSL		WSET WSE		WSET
WSET		WSCT	WSET	WSET
\rightarrow		WSET WSE		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	
	Mode 1	W5ET 802.11b 5ET W5	<i>C</i> 1
/	Mode 2	802.11g	
	Mode 3	802.11n20	
7	Mode 4	ET W5 802.11n40 W5ET	

For Conducted Emission						
Final Test Mode	Description					
Mode 1	802.11b					

The state of the s						
For Radiated Emission						
Final Test Mode	Description					
Mode 1	802.11b					
Mode 2	802.11g					
Mode 3	802.11n20					
Mode 4	802.11n40					

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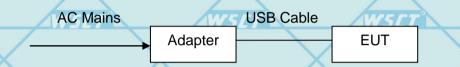
2.3 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING/LAP LAB CODE 600142-0

During testing channel & power controlling software provided by the customer was used of 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	\rightarrow		N/A	X	
Test program		1	*#*#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	CQ-18VX	/	X
2	Augen	August	N/A	1	4

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:

	WELT	WELT	VA C	₽	
/	FCC Part15 (15.247) , Subpart C				
7	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		Complies	
/	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	
/		Restricted band limit: Table 15.209			

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NOTE:

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

SET 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.
	EMI Test Receiver	R&S	ESCI	100005	08/19/2017	08/18/2018
	LISNW5E7	AFJ WS	LT LS16	16010222119	08/19/2017	08/18/2018
	LISN(EUT)	Mestec	AN3016	04/10040	08/19/2017	08/18/2018
	Universal Radio Communication Tester	R&S	CMU 200	1100.0008.02	08/19/2017	08/18/2018
_	Coaxial cable	Megalon	LMR400	N/A	08/12/2017	08/11/2018
	GPIB cable	Megalon	GPIB	N/A	08/12/2017	08/11/2018
\	Spectrum Analyzer	R&S	FSU	100114	08/19/2017	08/18/2018
	Pre Amplifier	H.P.	HP8447E	2945A02715	10/13/2017	10/12/2018
	Pre-Amplifier	CDSI	PAP-1G18-38		10/13/2017	10/12/2018
	Bi-log Antenna	SUNOL Sciences	JB3	A021907	09/13/2017	09/12/2018
	9*6*6 Anechoic		/	/	08/21/2017	08/20/2018
	Horn Antenna	COMPLIANCE ENGINEERING	CE18000	X	09/13/2017	09/12/2018
	Horn Antenna	SCHWARZBECK	BBHA9120D	9120D-631	08/23/2017	08/22/2018
	Cable	TIME MICROWAVE	LMR-400	N-TYPE04	04/25/2018	04/24/2019
	System-Controller	ccs	N/A	N/A	N.C.R	N.C.R
_	V 5 Turn Table	W ccs	N/A/5 <i>[</i>]	N/A	5 N.C.R	N.C.R
	Antenna Tower	ccs	N/A	N/A	N.C.R	N.C.R
	RF cable	Murata	MXHQ87WA3000		08/21/2017	08/20/2018
	Loop Antenna	EMCO	6502	00042960	08/22/2017	08/21/2018
	Horn Antenna	SCHWARZBECK	BBHA 9170	1123	08/19/2017	08/18/2018
	Power meter	Anritsu	ML2487A	6K00003613	08/23/2017	08/22/2018
_	Power sensor	Anritsu	MX248XD	-	08/19/2017	08/18/2018

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WSET WSET WSET







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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 (dB _l	ıV)
Frequency of emission (MHz)	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	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	W577 10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz







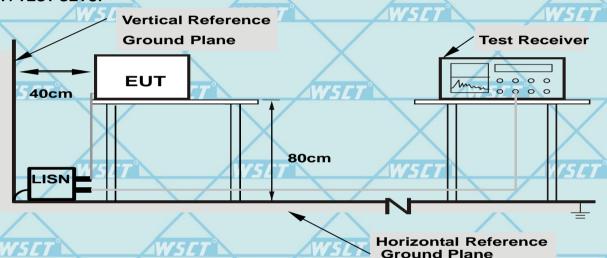
5.1.2 TEST PROCEDURE

- 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.





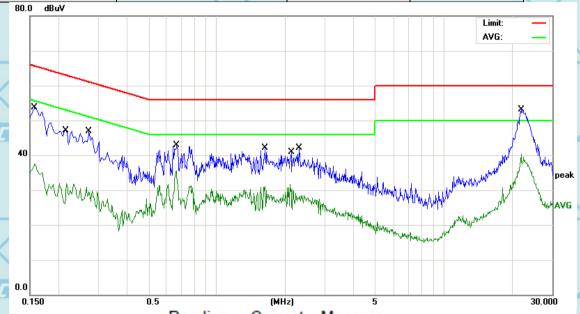




5.1.6 TEST RESULTS

Y	- X	X	
Temperature	26 ℃	Relative Humidity	54%
Pressure	1010hPa	Phase	L WS/T
Test Mode	Mode 1		

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	0.150		U.5	Reading	Correct	Measure-			30.000
	No.	Mk.	Freq.	Level	Factor	ment	Limit	Over	
			MHz	dBuV	dB	dBuV	dBu∀	dB	Detector
/	1		0.1580	35.86	10.44	46.30	65.56	-19.26	QP
1	2		0.1580	27.15	10.44	37.59	55.56	-17.97	AVG
Ľ	3		0.2180	21.38	10.43	31.81	52.89	-21.08	AVG
	4		0.2740	29.21	10.43	39.64	60.99	-21.35	QP
	5		0.6580	25.17	10.38	35.55	46.00	-10.45	AVG
	6		0.6660	29.73	10.38	40.11	56.00	-15.89	QP
(7		1.6300	24.61	10.31	34.92	56.00	-21.08	QP
F	8		1.6300	20.73	10.31	31.04	46.00	-14.96	AVG
_	9		2.1099	21.33	10.29	31.62	46.00	-14.38	AVG
Ī	10		2.3060	23.36	10.28	33.64	56.00	-22.36	QP
ľ	11		21.8460	35.45	10.11	45.56	60.00	-14.44	QP
Į.	12	*	21.8460	30.28	10.11	40.39	50.00	-9.61	AVG

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



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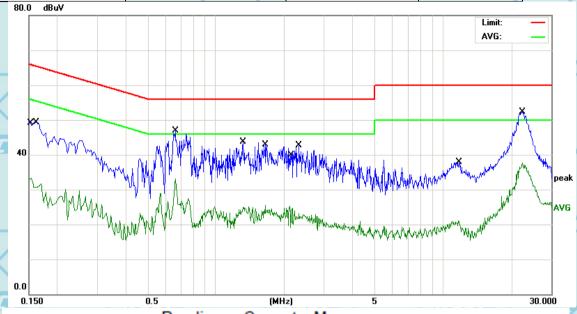






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Temperature	26 ℃	Relative Humidity	54%
Pressure	1010hPa	Phase	N
Test Mode	Mode 1		AW541



	No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	,
			MHz	dBu∀	dB	dBu∀	dBu∀	dB	Detector
	1		0.1539	22.89	10.44	33.33	55.78	-22.45	AVG
X	2		0.1620	31.29	10.44	41.73	65.36	-23.63	QP
5/	3		0.6620	31.49	10.38	41.87	56.00	-14.13	QP
3/4	4		0.6660	22.81	10.38	33.19	46.00	-12.81	AVG
	5		1.3180	23.27	10.32	33.59	56.00	-22.41	QP
	6		1.6460	15.15	10.31	25.46	46.00	-20.54	AVG
	7		2.1180	14.93	10.29	25.22	46.00	-20.78	AVG
×	8		2.3260	22.83	10.28	33.11	56.00	-22.89	QP
54	9		11.7020	10.95	10.18	21.13	50.00	-28.87	AVG
	10		11.7500	20.81	10.18	30.99	60.00	-29.01	QP
	11		22.3940	36.99	10.11	47.10	60.00	-12.90	QP
	12	*	22.3940	27.64	10.11	37.75	50.00	-12.25	AVG

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







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)

EDECLIENCY (MHz)	Limit (dBu\	//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



a. The measuring distance of at 3 m shall be used for measurements at the quency up to 1GF For frequencies above 1GHz, any suitable measuring distance may be used.

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 radiation.

- 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	X	X	X
WSET WSE	WSET	WSET	WSET
W5ET WSET		SET WS	
WSET WSE	$\langle \times \rangle$	WSET	WSET
WSET WSET	WSET	VSET WS	E 7
WSLT WSL		WSET	WSET
WSET WSET		VSET WS	CT
		W5ET*	WSET
WSC7 GOVSTITO	WSET	VSET WS	ET°
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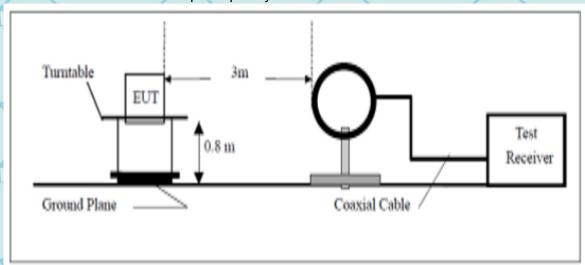




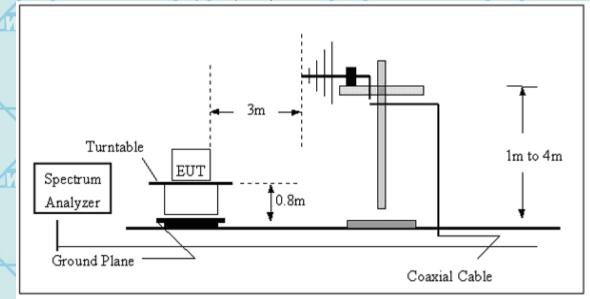
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5.2.4 TEST SETUP

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



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





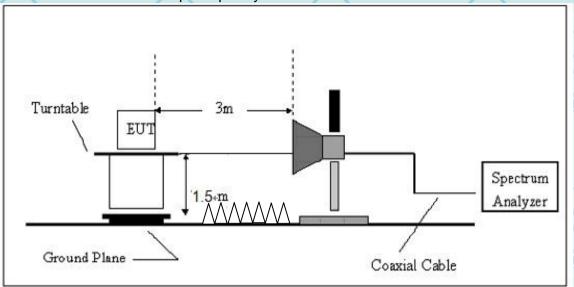




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(C) Radiated Emission Test-Up Frequency Above 1GHz



5.2.5 EUT OPERATING CONDITIONS

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	
W5	ET WS	ET W/5	ET WS	E7	WSET
WSET	WSET	WSLT	WSET	WSET	
W5	ET W.	TET W/S	LT WS	777	WSET
WSET	WSET	WSET	WSCT	WSET	
		SET WS			WSCT
World Standard zeation Cert	The part of the pa	WSET	W5LT*	WSET	
World Standardization Cert	世标检测认证股份 AD TEL	D:Building A-B Baoshi Science & tec :86-755-26996143/26996144/26996145/2699	hnology Park, Baoshi Road, Bao'an 6192 FAX:86-755-86376605 E-mail:Fengbin	District, Shenzhen, Guangd g.Wang@wsct-cert.com Http:www.t	ong, China wsct-cert.com







5.2.5.1 RESULTS (Below 30 MHz)

For Question,
Please Contact with WSCT
www.wsct-cert.com

						WWW.WSOL-OCIL.C	JOITI
1	Temperature	20 ℃	Augusta	Relative Humidity	48%	6	
	Pressure	1010 hPa	11-14	Test Mode	Mode 1		<u> </u>

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
WSE					511
	WSET	WSET	WSET	WSET	WSET
WSE	$\langle \hspace{0.1cm} \rangle$	$\langle \hspace{0.1cm} \rangle$			507
	WSET	WSET	W5ET°	WSET	WSET
WSE	$\langle \hspace{0.1cm} \rangle$				557
	\times	WSET	WSET	WSET	WSET
Mez.	Certification & Joseph				X

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5.2.5.2 TEST RESULTS (Between 30M - 1000 MHz)

5		\vee			tact with WSC
	Temperature	20 ℃	Relative Humidity	48% www.ws	sct-cert.com
5	Pressure	1010 hPa	Polarization :	Horizontal	WSE
	Test Mode	Mode 1			A.M.A.A



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	198
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	31.9546	25.67	4.05	29.72	40.00	-10.28	QP
2	A	89.5899	35.64	-5.96	29.68	43.50	-13.82	QP
3		137.4202	33.99	-4.12	29.87	43.50	-13.63	QP
4	2	195.8220	38.35	-7.09	31.26	43.50	-12.24	QP
5	4	265.6757	34.52	-3.93	30.59	46.00	-15.41	QP
6		394.8545	30.51	-1.55	28.96	46.00	-17.04	QP

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

WSET WSET 世标检测认证股份
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•			INVERTI ENDOODE OF	701720	
	Temperature	20 ℃	Relative Humidity	48%	For Question, Please Contact with WSCT
	Pressure	1010 hPa	Polarization:	Vertical	www.wsct-cert.com
	Test Mode	Mode 1		CELT	WELT



No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	Tarak.
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector
1	*	43.2017	36.18	-1.33	34.85	40.00	-5.15	QP
2	1	52.0251	40.11	-5.26	34.85	40.00	-5.15	QP
3		60.0691	36.09	-6.22	29.87	40.00	-10.13	QP
4	1	145.8611	42.27	-4.68	37.59	43.50	-5.91	QP
74.5		178.1327	35.62	-6.93	28.69	43.50	-14.81	QP
6		601.4265	25.39	1.45	26.84	46.00	-19.16	QP

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

WSET WSET WSET WSET

W5C7 世标检测认证股份







5.2.5.3 TEST RESULTS (1GHz to 25GHz)

Please Contact with WSCT

/	Temperature	20 °C	Relative Humidity	48%	rt.com
K	Pressure	1010 hPa 7 W5 <i>ET</i>	Test Mode	Mode 1 TX	V5.
	Frequency	2412MHz			

	Freq.	Ant.	Emis	sion	Limit		Limit Over(dB)	
	(MHz)	5 Pol.	Level(dBuV)	3m(dBu)	V/m)		W5CT°
		H/V	PK	AV	PK	AV	PK	AV
	4824	V	58.65	39.31	74	54	-15.35	-14.69
	7236	V	58.58	40.68	74	54	-15.42	-13.32
1	4824	H	59.05	39.23	74	54	-14.95	-14.77
	7236		58.28	39.28	74	54	-15.72	-14.72

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 I	_evel(dBuV	Lir 3m(dB		Over(dB)		
	H/V _	PK	AV 🖊	PK	AV	PK	AV	
4874	V	60.25	40.59	74	54	-13.75	-13.41	
7311	V	58.92	40.74	74	54	-15.08	-13.26	
4874	ΧH	59.85	39.63	74	54	-14.15	-14.37	
7311	H	59.38	40.38	74	54	-14.62	-13.62	

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.

WSET N

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









			TIVE/II END CODE OF	01120	
	Temperature	20 ℃	Relative Humidity	48%	For Question,
	Temperature	20 C	ixelative Humbling	1 070	Please Contact with WSCT
	Pressure	1010 hPa	Test Mode	Mode 1 TX	www.wsct-cert.com
1	Frequency	2462MHz 77°		SET	WSET

	Freq.	Ant.Pol.	Emission	Emission Level(dBuV)		Limit		Over(dB)	
	(MHz)					3m(dBuV/m)			
	W	5 L H/V	PK W	VA	PK W	5 CAV	PK	/5 AV	
	4924	V	60.97	39.77	74	54	-13.03	-14.23	
	7386	V	59.33	39.24	7 4	54	-14.67	-14.76	
	4924	H /	58.60	39.87	74	54	-15.40	-14.13	
12	7386	H	58.39	39.39	74	54	-15.61	-14.61	

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.	Emis	sion	Limit 3m(dl	BuV/m)	Over(dB)
	(MHz)	CE ET	Level(dBuV)	WELL		WELT	
		H/V	PK	AV	PK	AV	PK	AV
	4824	V	60.15	41.48	74	54	-13.85	-12.52
	7236	V	59.68	40.00	74	54	-14.32	-14.00
	4824	H	59.08	39.10	74	54	-14.92	-14.90
4	7236	H	58.50	39.50	74	54	-15.50	-14.50

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.







				Di O I I III	MICCT
	Temperature	20 ℃	Relative Humidity	48% Please Contact with www.wsct-cert.c	
1	Pressure	1010 hPa	Test Mode	Mode 2 TX	5 <i>CT</i>
	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	58.20	40.28	74	54	-15.80	-13.72
7311	V _	59.05	39.15	74	54	-14.95	-14.85
4874	HAW	59.76	39.62	574	54	-14.24	-14.38
7311	Æ	59.37	40.37	74	54	-14.63	-13.63

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 Level(dBuV		Lir 3m(dB	mit suV/m)	Over(dB)		
	H/V	PK	AV	PK	AV _	PK	AV	
4924	V	60.73	40.50	74	54	-13.27	-13.50	
7386	V	58.74	39.35	74	54	-15.26	-14.65	
4924	×Η	58.36	40.34	74	× 54	-15.64	-13.66	
7386	Н	58.02	39.02	74	54	-15.98	-14.98	

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.

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For Question,
Please Contact with WSC1

					Please Contac	t with WS
	Temperature	20 ℃		Relative Humidity	48% www.wsct-	cert.com
/	Pressure	1010 hPa	VSCT	Test Mode	Mode3 TX	W5
_	Frequency	2/12MHz				LAME A

Freq. (MHz)	Ant. Pol.	Emission Level(dBuV)		Limit 3m(dBuV/m)		Over(dB)	
(IVII IZ)	H/V	PK	AV	PK	AV	PK	AV
4824	V	60.90	41.22	74	54	-13.10	-12.78
7236	V	59.66	39.34	74	54	-14.34	-14.66
4824	H	58.72	39.66	74	54	-15.28	-14.34
7236	Ĥ	58.40	39.40	74	54	-15.60	-14.60

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	Relative Humidity	48%
Pressure	1010 hPa	Test Mode	Mode 3 TX
Frequency	2437MHz		

	Freq.	Ant.Pol.	Emission Level(dBuV)		Limit 3m(dBuV/m)		Over(dB)	
	(MHz)	X					X	
	/	H/V	PK /	AV	PK /	AV	PK	AV
/	4874	26 V	59.97	40.47	74	54	-14.03	-13.53
	7311	V	58.99	39.25	74	54	-15.01	-14.75
	4874	Н	58.01	39.41	X 74	54	-15.99	-14.59
	7311	Н	58.43	39.43	74	54	-15.57	-14.57

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.









			TIVE TO COBE OF	01120	
	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		5ET	WISCI

Freq. (MHz)	Ant.Pol.	Emission	Level(dBuV)		mit 3uV/m)	Ove	r(dB)
W.	J H/V	PK W	5 C T AV	PK//	5 CAV	PK /	/5 AV
4924	V	60.33	40.19	74	54	-13.67	-13.81
7386	V	58.90	40.93	74	54	-15.10	-13.07
4924	Н /	59.06	40.62	74	54	-14.94	-13.38
7386	H	59.08	40.08	74	54	-14.92	-13.92

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	Mode4 TX
Frequency	2422MHz		

Freq. (MHz)	Ant. Pol.	Emission Level(dBuV)		Limi 3m(dBu)		Over(dB)		
	H/V	PK	ΑÝ	PK	ÁV	PK	AV	
4844	V	58.49	41.27	74	54	-15.51	-12.73	
7266	V	59.49	39.69	74	54	-14.51	-14.31	
4844	H/	58.65	40.92	75.74	54	-15.35	-13.08	
7266	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.

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For Question

	Temperature	20 ℃	Relative Humidity	48%	Please Contact with www.wsct-cert.	
1	Pressure	1010 hPa	Test Mode	Mode 4 TX	W	<i>1514</i>
	Frequency	2437MHz				

	Freq. (MHz)	Ant.Pol.	Emission	Level(dBuV)	100	mit BuV/m)	Ove	er(dB)
		H/V	PK	AV	PK	AV	PK	AV
	4874	V	59.09	40.13	74	54	-14.91	-13.87
1	7311	V _	58.47	39.60	74	54	-15.53	-14.40 🖊
1	4874	H/W	58.51	39.94	74	54	-15.49	-14.06
	7311	A	59.60	40.60	74	54	-14.40	-13.40

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 4 TX
Frequency	2452MHz		

Freq. (MHz)	Ant.Pol.	Emission Level(dBuV)		Limit 3m(dBuV/m)		Over(dB)	
	H/V _	PK	AV	PK	AV _	PK	AV _
4904	V	58.55	40.73	74	54	-15.45	-13.27
7356	V	58.22	39.10	74	54	-15.78	-14.90
4904	×Η	58.09	40.55	74	× 54	-15.91	-13.45
7356	H	58.37	39.37	74	54	-15.63	-14.63

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.

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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 0.5dBi and meets the requirement.

WSCT	WSET	WSET	WSI	7	WSET	
WSGI		5101	WSET	WSET		SET
WSET	WSET	WSET	WSI	7	WSLI	
WSE		500	WSET	WSET	W	SET
WSET	WSET	WSET	\rightarrow		W5CT	
W5E		SET	W5ET	WSET		SUT
WSET	W5ET*	WSET	\rightarrow		WSCT	
\sim		15(7)	WSET	WSET	W	517
WSC7	Assum Grou	WSET	WSI		WSET	
World Co.	世标检测认证股份		ence & technology Park, Baosh 996145/26996192 FAX:86-755-86376			China

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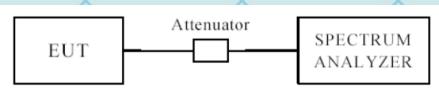
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7. 6DB BANDWIDTH MEASUREMENT 7.1 TEST SETUP



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	and that					
╮	Mode	802	2.11b	Humidity	56%	RH	
	Temperat	ure 24	deg. C,				
/		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	Trula and	9679.5	0.5	Pass	

	\ /							
	Mode	Mode 802.		1g	Humidity 56%		RH	
	Temperat	ure	24 deg	g. C,				
V	SET®	Channe	NSC1	Data	V5ET°	Minimum	W	5/
	Channel	Frequen (MHz)	су	Transfer Rate (Mbps)	6 dB Bandwidth (kHz)	Limit (MHz)	Pass/ Fail	
	1	2412		6	11282.1	0.5	Pass	
	6	2437		6-1	16089.7	0.5	Pass	
	11	2462		6	12756.4	0.5	Pass	

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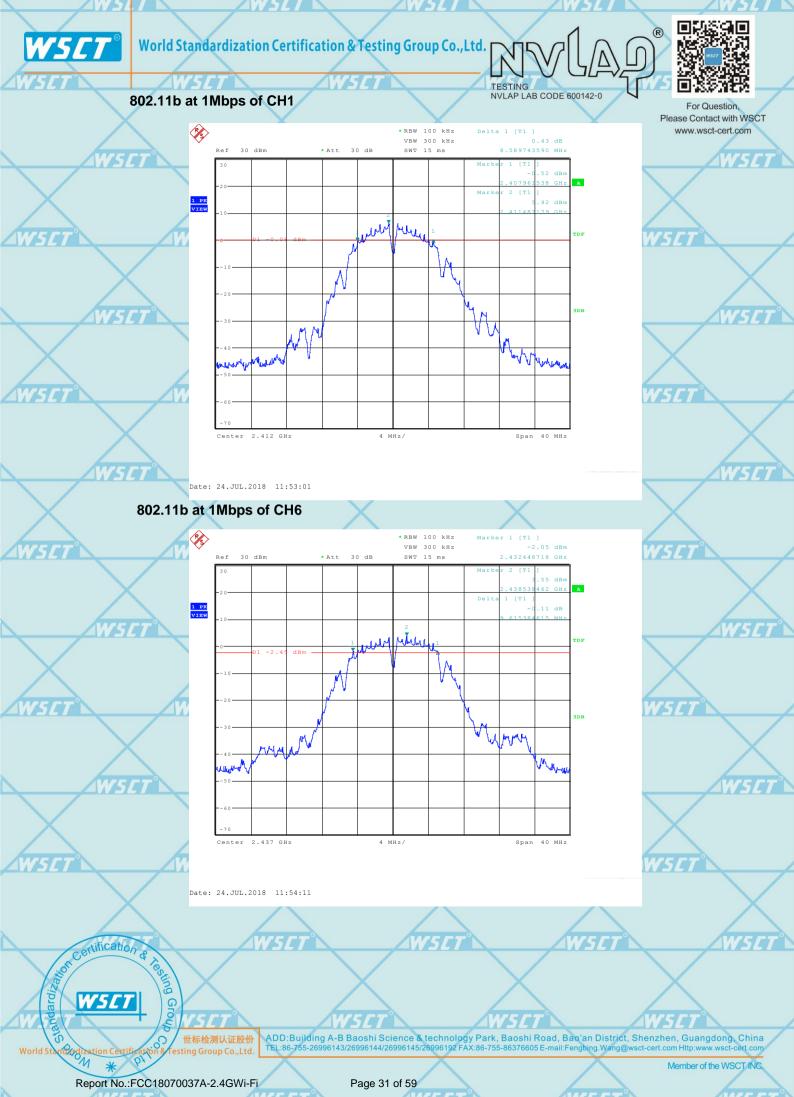


				TESTING		1 m 1, 40 4,4,74(3)=40	
T	Mode	80)2.11n20	Humidity NVLAP LA	AB CODE 600142 5 6%		
1	Temperat	ure 24	l deg. C,			For Question,	ISC
/		Channel	Data Transfer	6 dB Bandwidth	Minimum	www.wsct-cert.com	
V	Channel	Frequency	Rate	/5/ (kHz)	Limit	Pass/ Fail	Z
		(MHz)	(Mbps)		(MHz)		
	1	2412	6.5	11410.3	0.5	Pass	
	6	2437	6.5	17307.7	0.5	Pass	
	11	2462	6.5	12500.0	0.5	Pass	

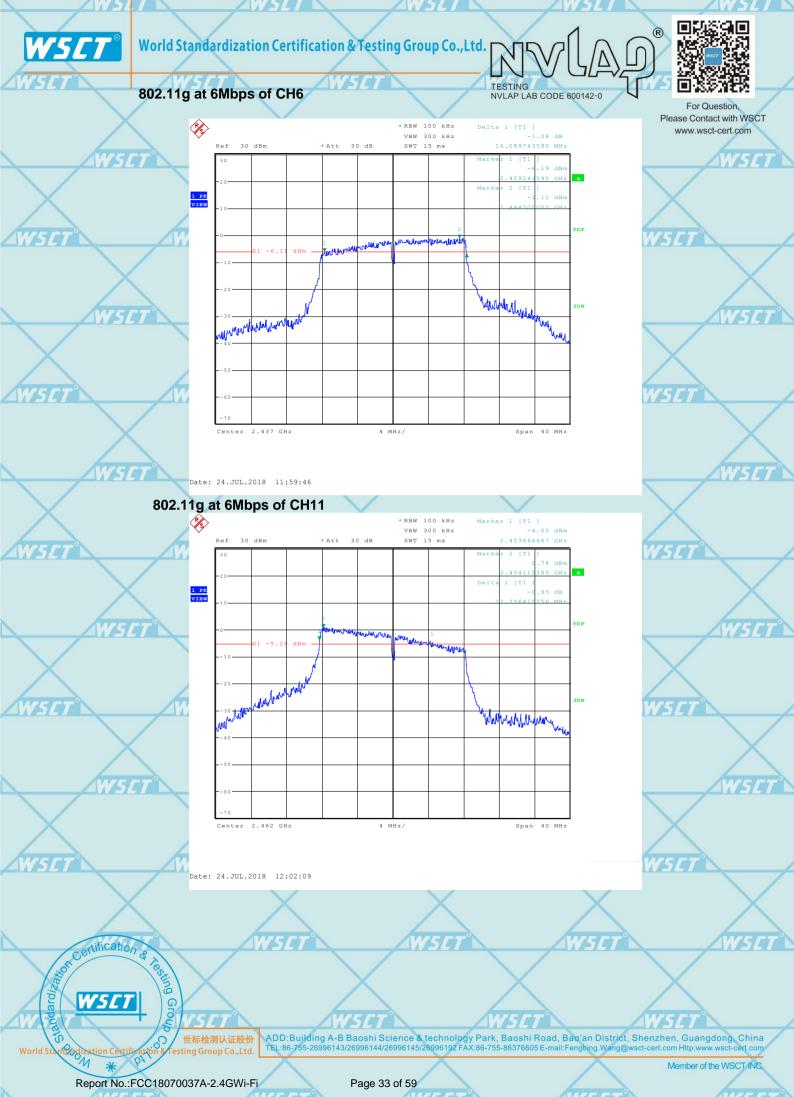
4	Mode	80	02.11n40	Humidity 56%		6RH	
	Temperature 24		4 deg. C,				î
	Channel	Channel Frequency (MHz)	Data Transfer Rate (Mbps)	6 dB Bandwidth (kHz)	Minimum Limit (MHz)	Pass/ Fail	
	3	2422	13.5	16794.9	0.5	Pass	
	6	2437	13.5	14615.4	0.5	Pass	>
/	9	2452	13.5	17179.5	0.5	Pass /	

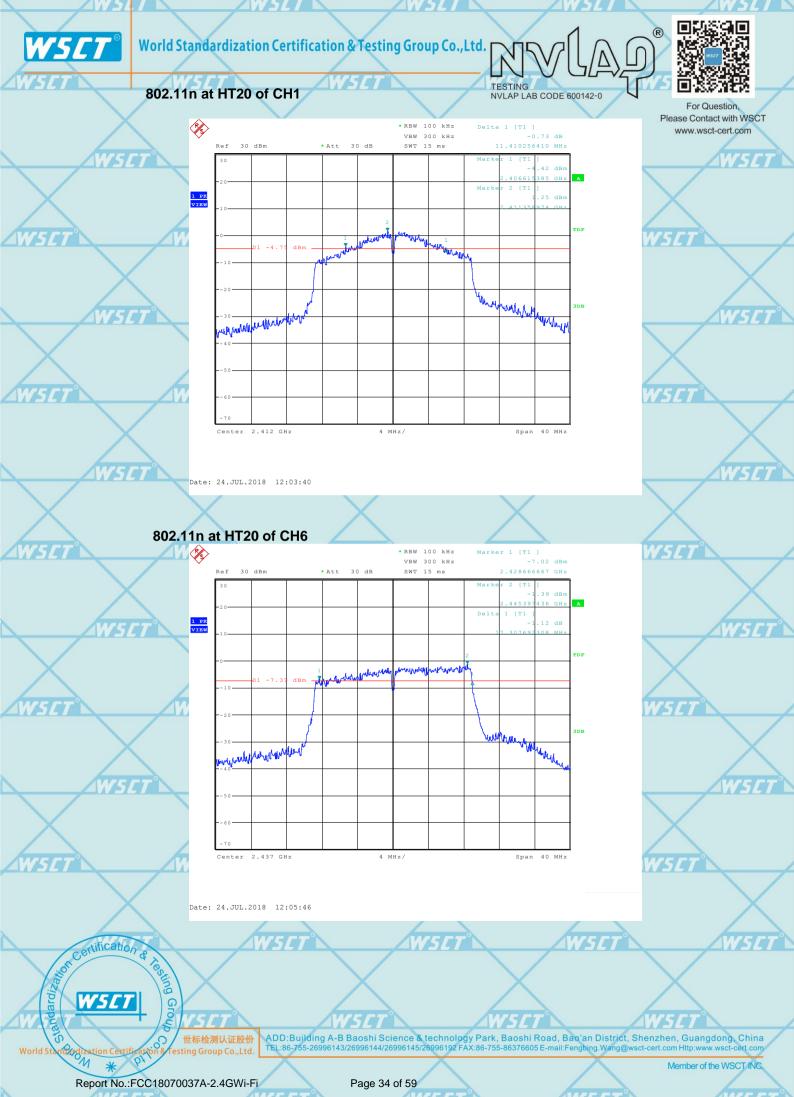
ADD:Building A-B Baoshi Science & technology Park, Baoshi Road, Bao'an District, Shenzhen, Guangdong, China TEL:86-755-26996143/26996144/26996145/26996192 FAX:86-755-86376605 E-mail:Fengbing.Wang@wsct-cert.com Http://www.wsct-cert.com/

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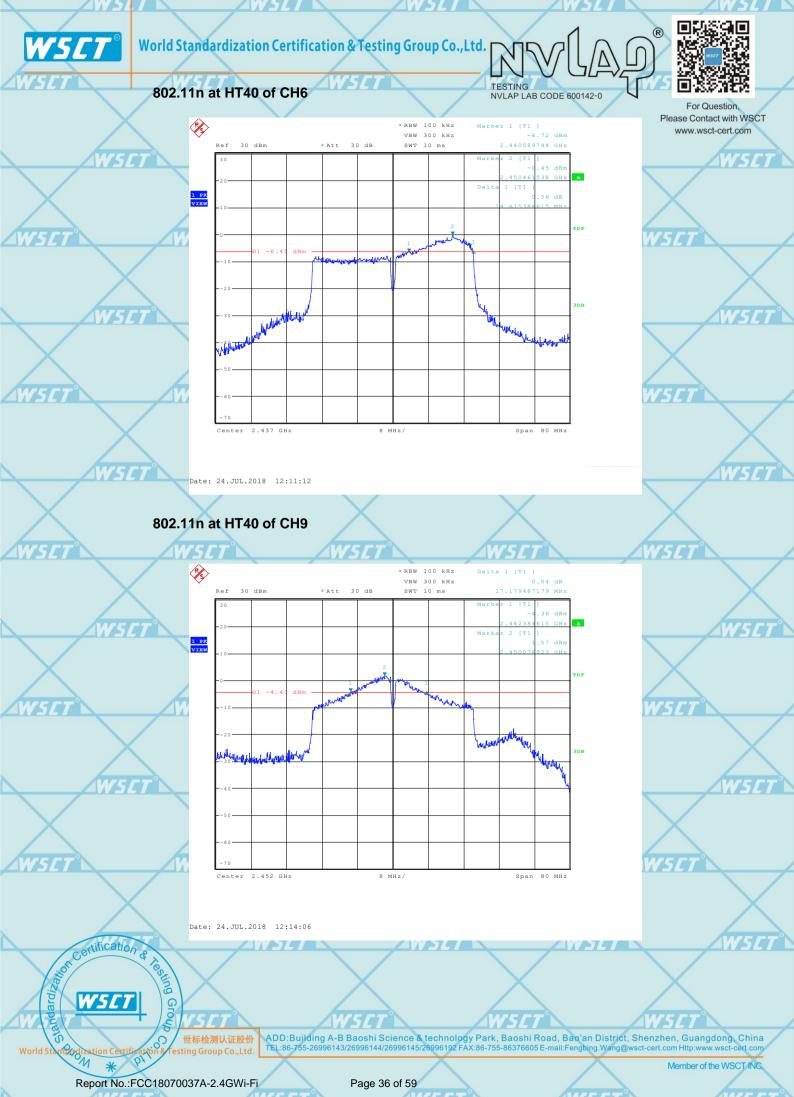














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For Question,
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8. MAXIMUM CONDUCTED OUTPUT POWER

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

Report No.:FCC18070037A-2.4GWi-Fi

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Test Data:

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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			7°
	802.11b	1(2412)	14.28	30	Pass	
	X	6(2437)	14.36	30	Pass	
	WELL	11(2462)	14.24	30	Pass	
7	802.11g	1(2412)	13.66	30	Pass	
		6(2437)	13.68	30	Pass	
0	140	11(2462)	13.48	30	Pass	
	802.11n(HT20)	1(2412)	13.69	30	Pass	
	X	6(2437)	13.08	30	Pass	
	West of the second	11(2462)	13.41	30	Pass	
7	802.11n	3(2422)	12.19	30	Pass	7
	(HT40)	6(2437)	12.28	30	Pass	
0		9(2452)	12.30	30	Pass	
			17.5			- /

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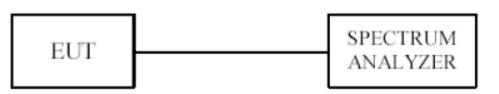
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9. POWER SPECTRAL DENSITY MEASUREMENT



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 ADD: Building A-B Baoshi Science



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NV (A)®



9.4 TEST RESULT

					TESTING		
7	Mode	802.11b		Humidity	NVLAP LAB CODE 6506	7260 KT V	and h ere
	Temperature	24 deg. C,					or Question,
	Channel	Channel	Final RF	Power	Maximum Limit	Pass/ Fail	
1		Frequency	Level in	(dBm)	(dBm)		
ľ	15CT	(MHz)		WSET			AV15
			/ 1	Mbps			
	1	2412	-12.	27	8	Pass	
	6	2437	-14.	59	8	Pass	
	11	2462	-12.	43	8	Pass	

Mode	802.11g	Humidity	56%	RH
Temperature	24 deg. C,			
Channel	Channel	Final RF Power	Maximum Limit 5	Pass/ Fail
	Frequency	Level in (dBm)	(dBm)	
	(MHz)			
		6Mbps		
1	2412	-10.75	8	Pass
6	2437	75 <i>L</i> -15.13	ZV5/8	Pass
11	2462	-13.17	8	Pass

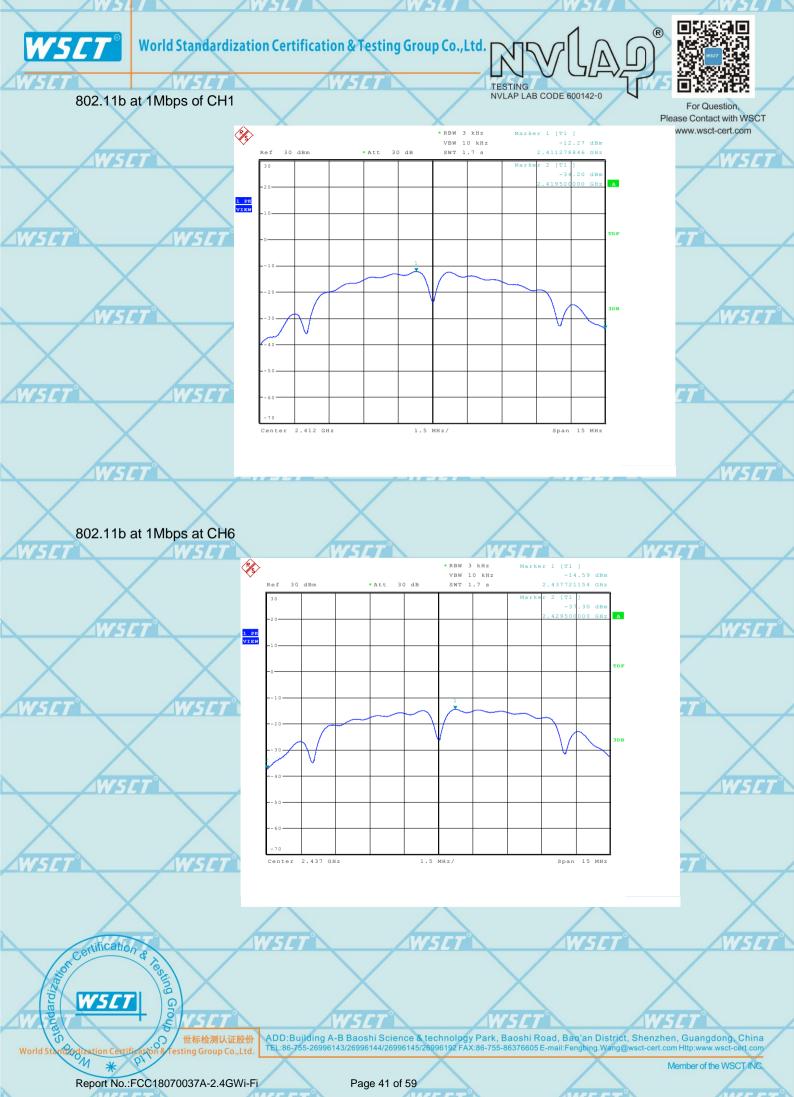
Mode	802.11n HT20		Humidity		56% F	RH	
Temperature	24 deg. C,		-WJL/		IP 14		
Channel	Channel	Final RF	Power	Maximum Lir	nit	Pass/ Fail	
	Frequency		(dBm)	(dBm)		X	
	(MHz)						
W	S/T°	W5176.	5Mbps	WSIT		WSIT	
1	2412	-12	.80	8		Pass	
6	2437	-16	.13	8		Pass	
	2462	-12	.64	8		Pass	

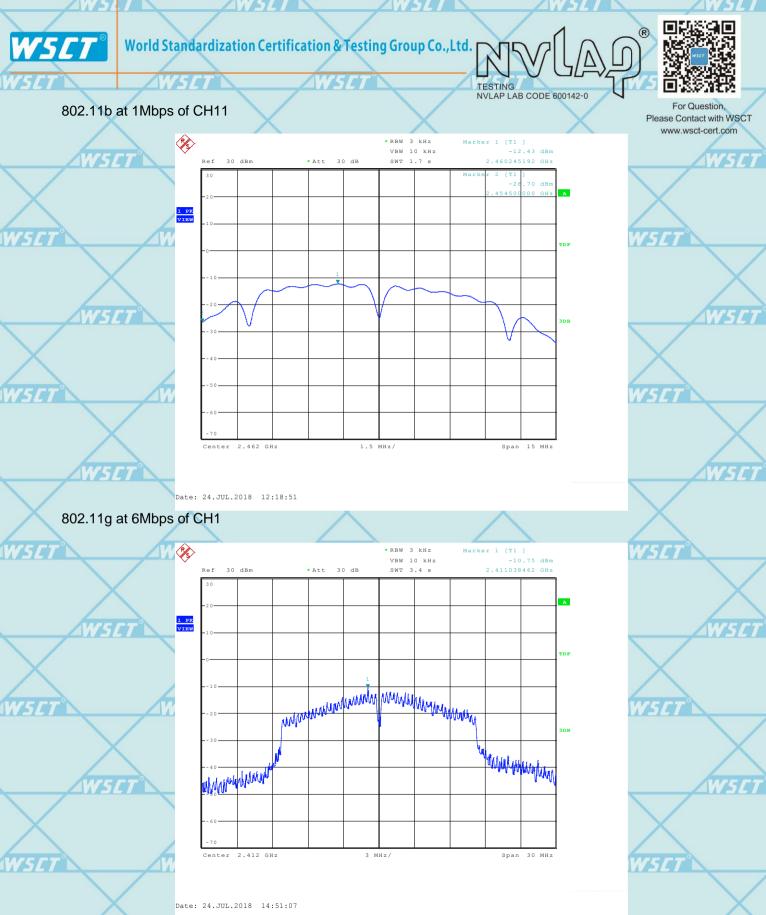
Mode	802.11n HT40		Humidity		56%	RH
Temperature	24 deg. C,	24 deg. C,		X		X
Channel	Channel	Final RF	Power	Maximum Limit		Pass/ Fail
W	Frequency	Level in	(dBm)	(dBm)		WSCT
	(MHz)	APLACE.		ZIF13 B		11-13-1
		13	3.5Mbps			
3	2422	-14	.16	8	X	Pass
6	2437	-14	.91	8		Pass
757-9	2452	-13	.12/5/7	8	W5/	Pass

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



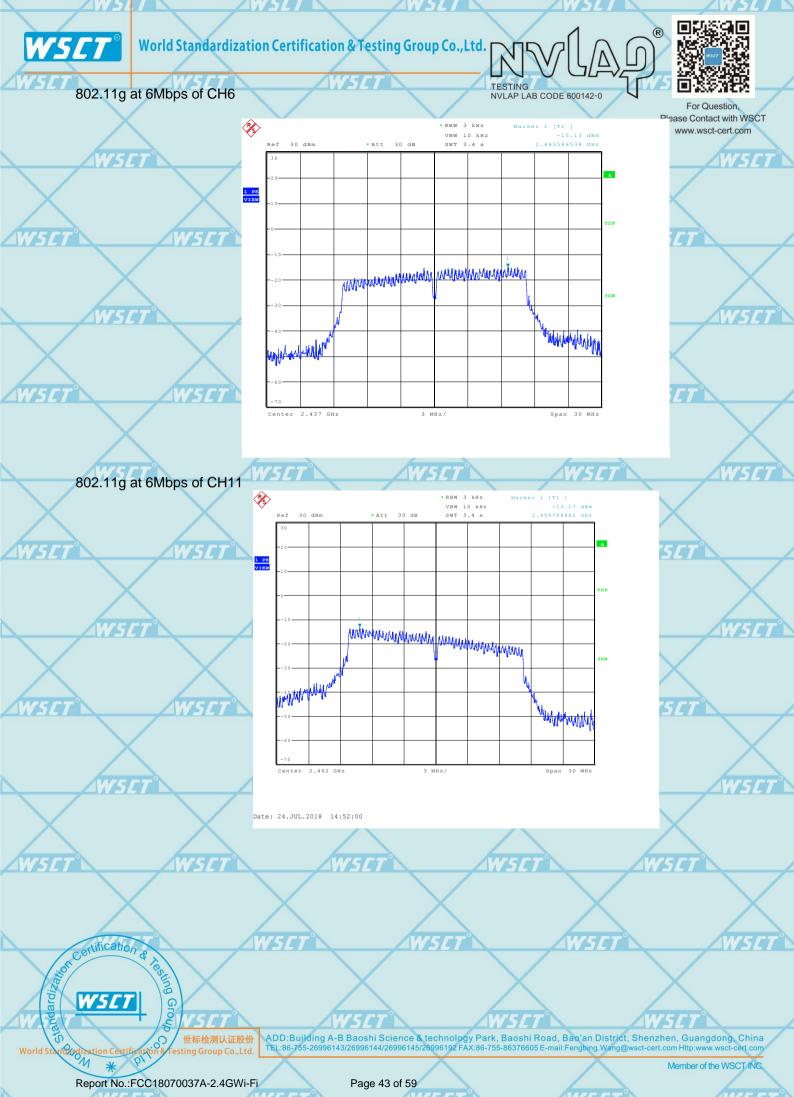
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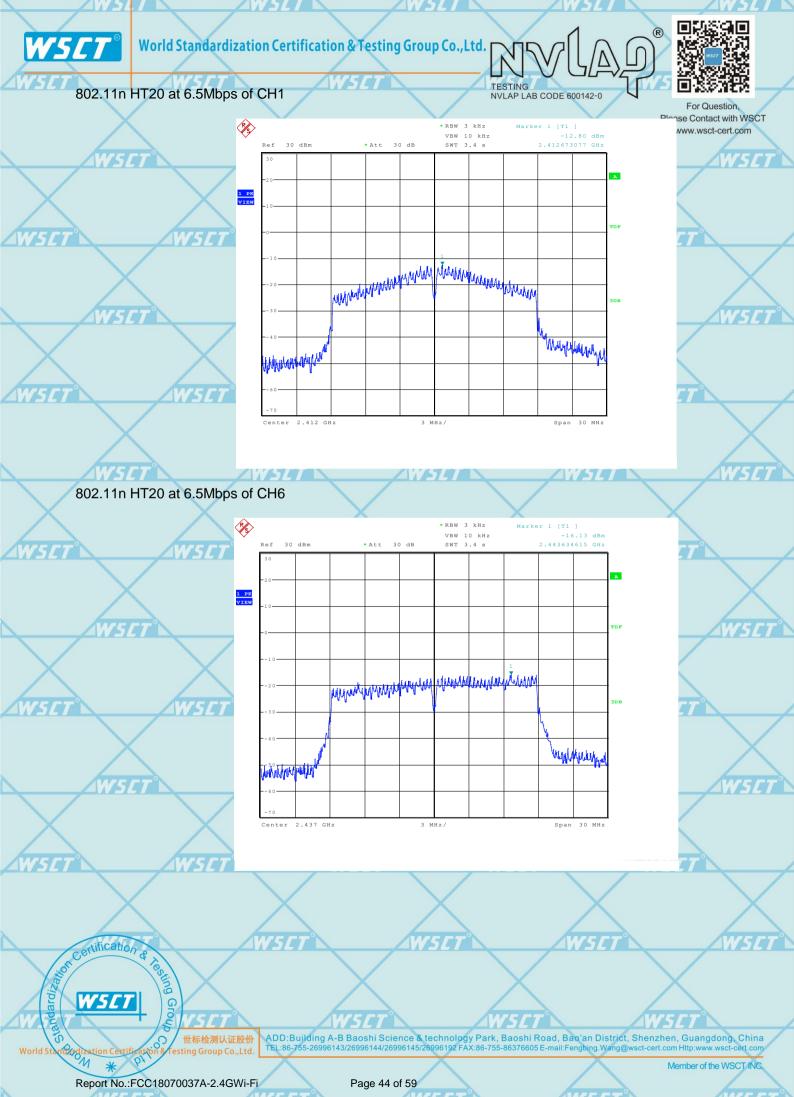




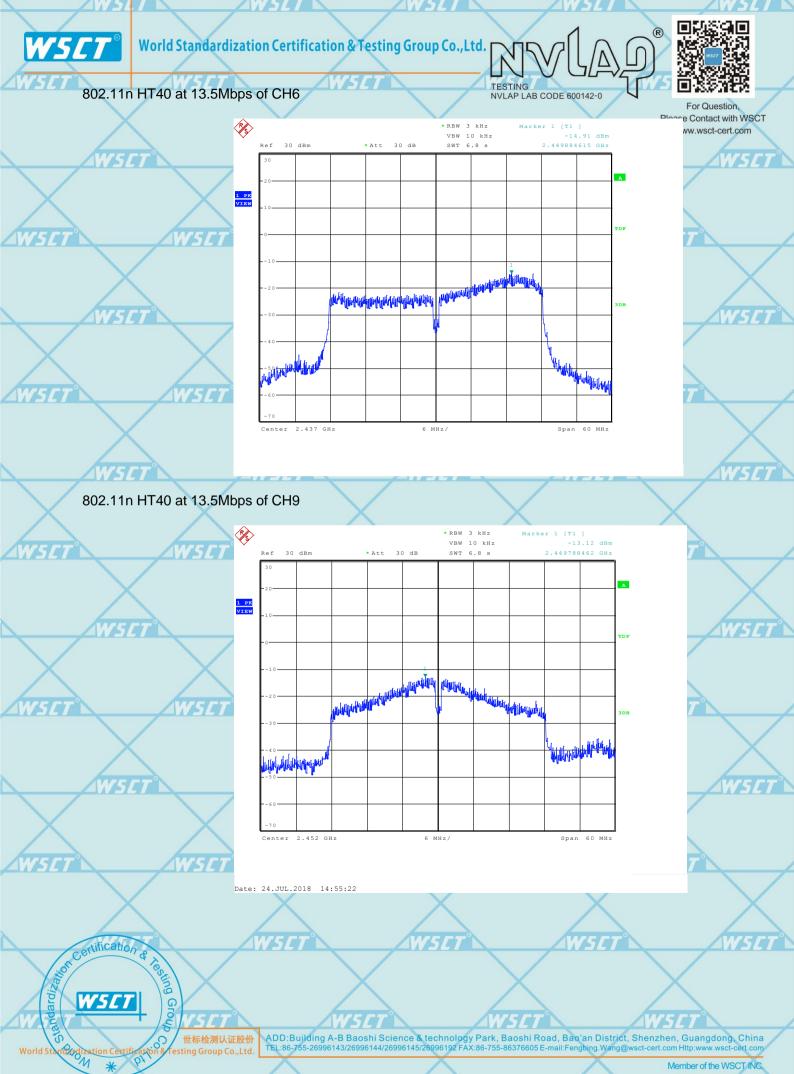
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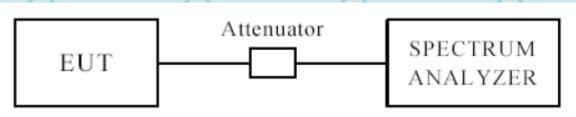
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10. OUT OF BAND MEASUREMENT 10.1 TEST SETUP FOR BAND EDGE



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

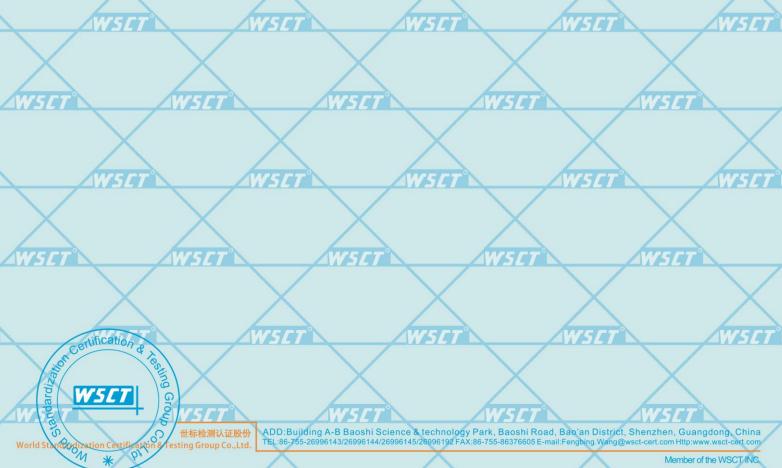
For signals in the restricted bands above and below the 2.4-2.483GHz allocated band a measurement was made of radiated emission test. (Peak values with RBW=VBW=1MHz and PK detector. AV value with RBW=1MHz,VBW=10Hz and PK detector)

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			Antenna	Corre	ection Fa	ctor	FCC	Part 15.24	17
	Fraguancy	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)
7		WSI		Lo	ow Channel	, ,		, , ,	/W	144
	2390	31.00	AV	V	30.3	4.1	33.1	32.30	54	21.70
	2390	30.28	AV	×н	30.3	4.1	33.1	31.58	54	22.42
	2390	40.34	PK	V	30.3	4.1	33.1	41.64	74	32.36
7	2390	42.16	PK	56 H	30.3	4.1	33.1	43.46	74	30.54
				Hi	gh Channel	(2462MH	lz)			
1	2483.5	31.12	AV	V	31	4.4	32.7	33.82	54	20.18
7	2483.5	31.62	AV	Н/	31	4.4	32.7	34.32	54	19.68
	2483.5	42.02	PK	V	31	4.4	32.7	44.72	74	29.28
	2483.5	41.39	PK	Χf	31	4.4	32.7	44.09	74	29.91

802.11a

	802.11g									
	Indicat	ted		Antenna	Corre	ection Fa	ctor	FCC	Part 15.24	17
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. (dBµV/m)	Limit (dBμV/m)	Margin (dB)
	X			Lo	ow Channel	(2412MH	z)	X		
	2390	30.01	AV	V	30.3	4.1	33.1	31.31	54	22.69
	2390	30.03	AV	Н	30.3	4.1	33.1	31.33	54	22.67
	2390	40.58	PK	V	30.3	4.1	33.1	41.88	74	32.12
1	2390	41.51	PK	Н	30.3	4.1	33.1	42.81	74	31.19
7		_W50		Hi	gh Channel	(2462MH	z) W54			194
	2483.5	31.90	AV	V	31	4.4	32.7	34.60	54	19.40
	2483.5	30.83	AV	Н	31	4.4	32.7	33.53	54	20.47
	2483.5	40.51	PK	5/V	31	V4.477	32.7	43.21	74	30.79
/	2483.5	40.50	PK	Н	31	4.4	32.7	43.20	74	30.80
	Note: The B.	AND FDG	FRESTE	RICTED B	ANDS emiss	sion is too	low at leas	t 20dR to th	ne Fundam	ental

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



ZW5GT

W5ET

WSCI

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802.11n HT20

For Question,

	00211111111								PI	pase Contact	with WS
Indicated				Antenna	Corre	ection Fa	ctor	FCC	Part 15.24		rt.com
	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)	V5.
				Lo	ow Channel	(2412MH	z)				
7	2390	34.05	AV	V	30.3	4.1	33.1	35.35	54//	18.65	
	2390	34.48	AV	A	30.3	4.1	33.1	35.78	54	18.22	
	2390	50.31	PK	V	30.3	4.1	33.1	51.61	74	22.39	
	2390	51.69	PK	3 H	30.3	4.1	33.1	52.99	74	21.01	V5
/				Hi	gh Channel	(2462MH	z)				
	2483.5	31.73	AV	V	31	4.4	32.7	34.43	54	19.57	
	2483.5	29.96	AV	Н	31	4.4	32.7	32.66	54	21.34	
I	2483.5	41.63	PK	V	31	4.4	32.7	44.33	74	29.67	
	2483.5	39.27	PK	/H	31	4.4	32.7	41.97	74	32.03	

802.11n HT40

								//		
Indicated			Antenna	Corre	Correction Factor			FCC Part 15.247		
	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. (dBµV/m)	Limit (dBμV/m)	Margin (dB)
Low Channel (2422MHz)										
	2390	37.30	AV	V	30.3	4.1	33.1	38.60	54	15.40
	2390	36.82	AV	SEH"	30.3	W4.1/7	33.1	38.12	54	15.88
	2390	55.18	PK	V	30.3	4.1	33.1	56.48	74	17.52
	2390	54.30	PK	Н	30.3	4.1	33.1	55.60	74	18.40
	2	AVIST		Hi	gh Channel	(2452MH	z)		- Aug	
4	2483.5	31.91	AV	V	31	4.4	32.7	34.61	54	19.39
	2483.5	32.12	AV	Н	31	4.4	32.7	34.82	54	19.18
	2483.5	46.71	PK	V	31	4.4	32.7	49.41	74	24.59
	2483.5	46.91	PK	5/H	31	4.4	32.7	49.61	74	24.39

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

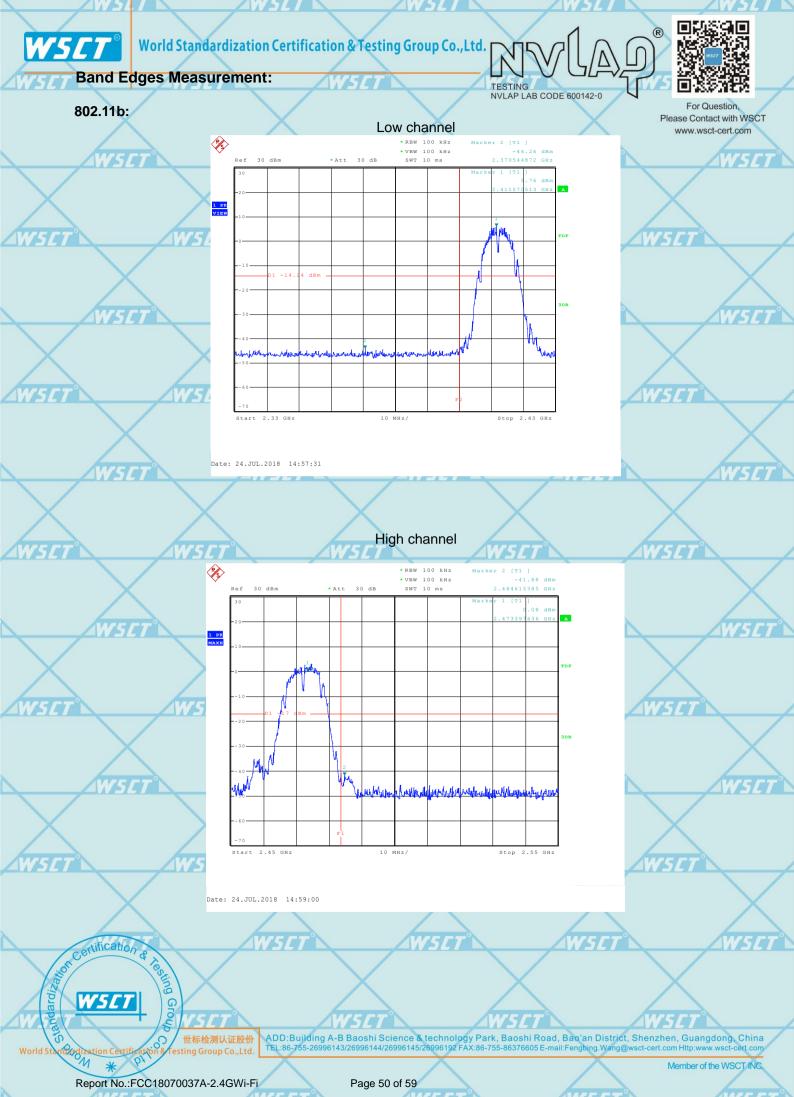
WSET GRAND GO WEET

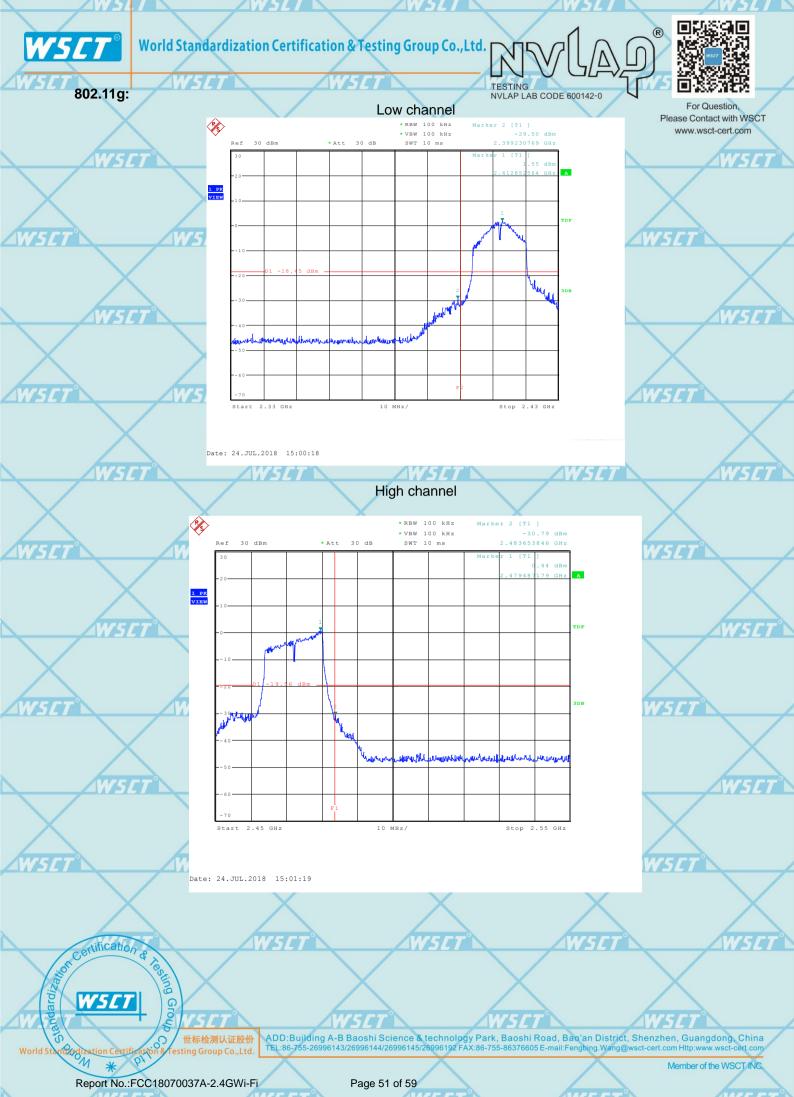
WSET

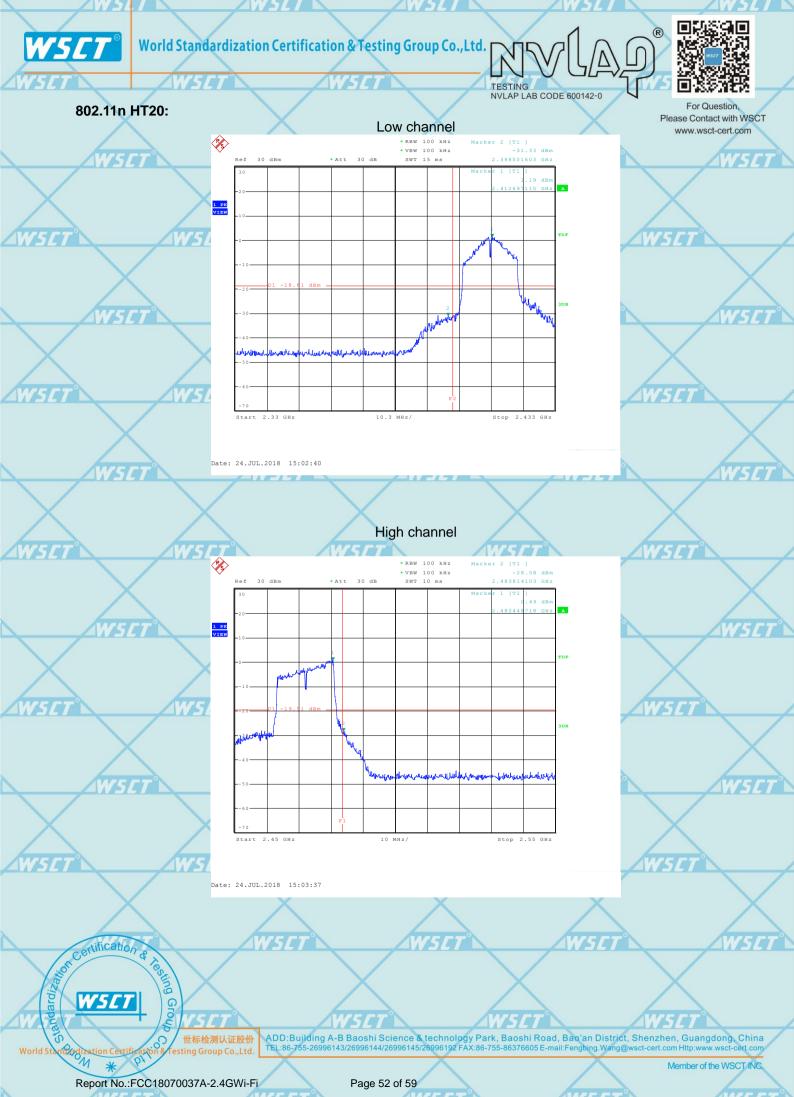
W5ET°

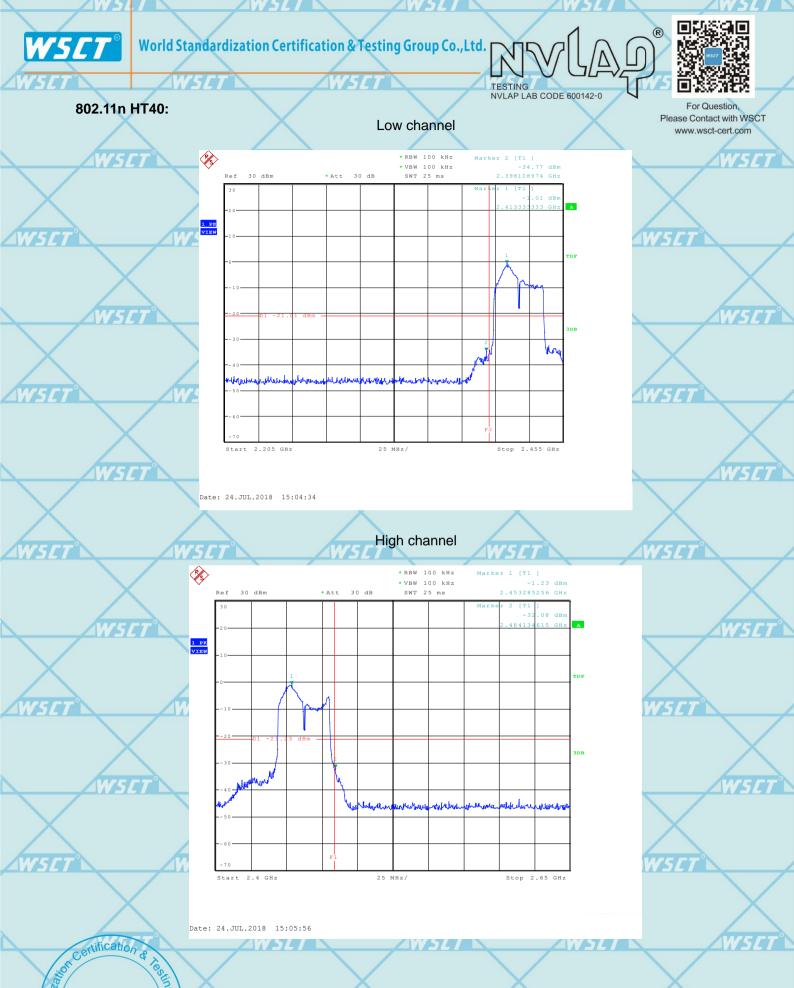
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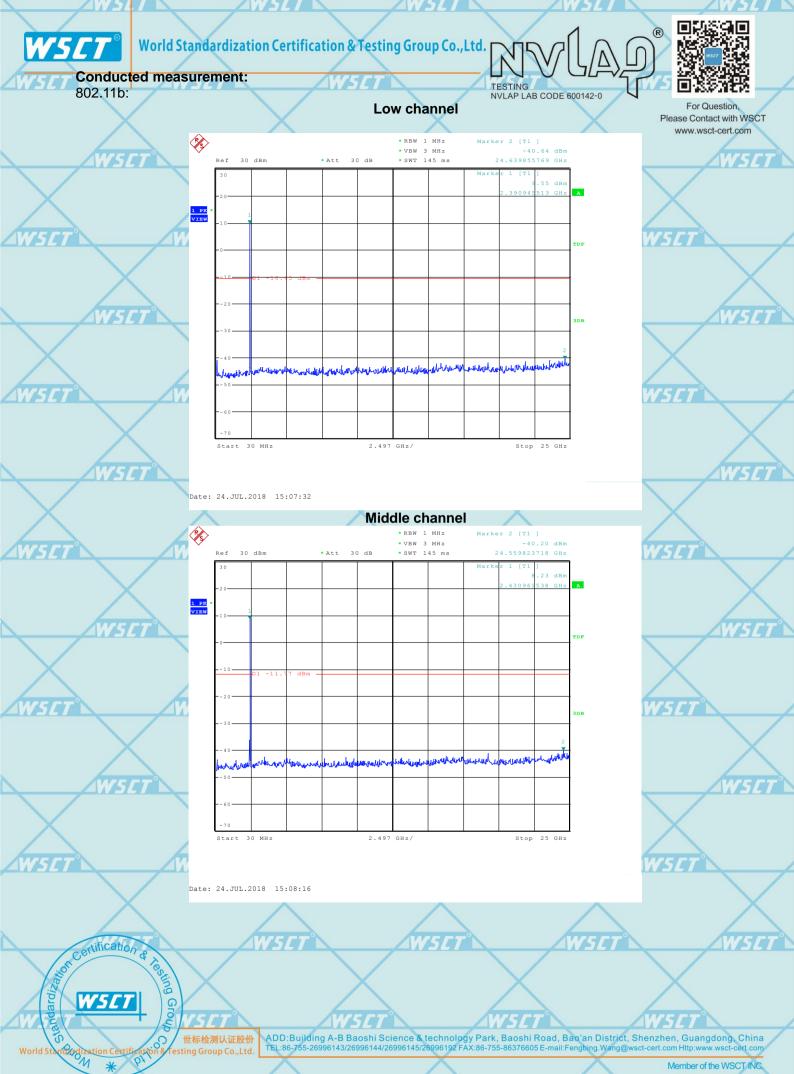




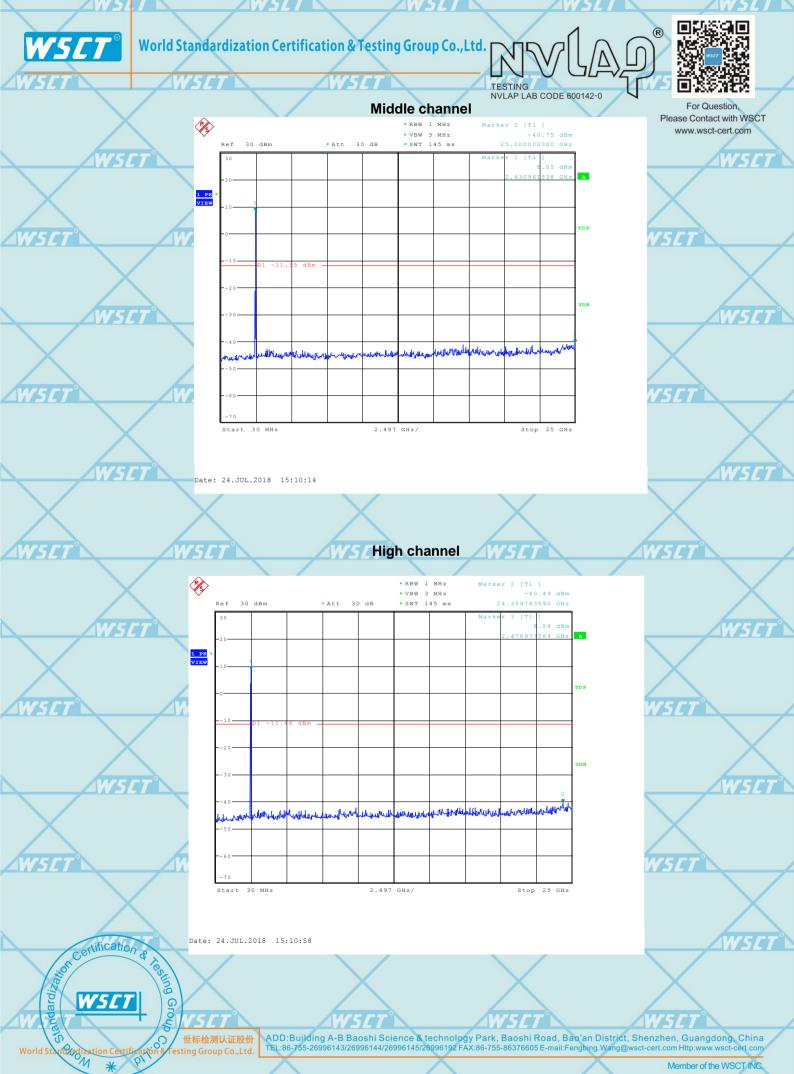


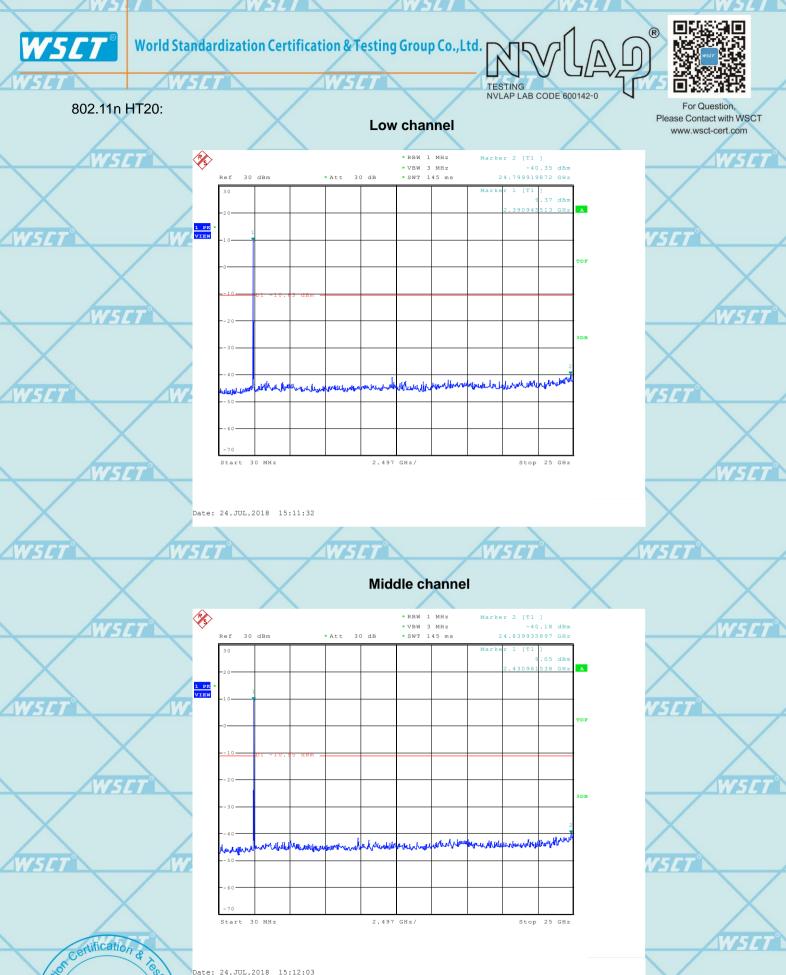


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