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TEST REPORT

FCC ID: 2ADYY-T16MAPRO Product: Laptop Computer Model No.: T16MA Pro Trade Mark: TECNO Report No.: WSCT-A2LA-R&E240300015A-Wi-Fi2 Issued Date: 16 April 2024

Issued for:

FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG

Issued By:

World Standardization Certification & Testing Group(Shenzhen) Co., Ltd. Building A-B, Baoshi Science & Technology Park, Baoshi Road, Bao'an District, Shenzhen, Guangdong, China TEL: +86-755-26996192 FAX: +86-755-86376605

Note: The results contained in this report pertain only to the tested sample. This report shall not be reproduced, except in full, without written approval of World Standardization Certification & Testing Group(Shenzhen) Co., Ltd. This report must not be used by the client to claim product certification, approval, or any agency of the U.S. Government.



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Test Certification

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P	Product:	Laptop Computer
IV	lodel No.:	T16MA Pro
T	rade Mark:	TECNO MISTIN AVISIT
A	pplicant:	TECNO MOBILE LIMITED
A	ddress:	FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG
IVI	anufacturer:	TECNO MOBILE LIMITED
A	ddress:	FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG
D	ate of Test:	02 April 2024 to 16 April 2024
	pplicable andards:	FCC CFR Title 47 FCC Part 15 Subpart E

The above equipment has been tested by World Standardization Certification & Testing Group(Shenzhen)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.

AIA ar Tested By: herx Checked By: (Wang Xiang) (Chen Xu) Approved By: Date: (Liu Fuxin) figation & Tesp WSET NSET ADD:Building A-B.Baoshi Science & Technology Park, Baoshi Road,Baoan District, Shenzhen, Guangdong, China TEL:0086-755-26996192 26996053 FAX:0086-755-86376605 E-mail:fengbing.wang@wsci-cert.com Hitp:www.wsci-cert.com 世标检测认证股份 Certification & Tost up (Shenzhen) Co., Ltd. E-mail:fengbing.wang@wsct-cert.com Http:www.wsct-cert.com HOM * PIT Member of the WSCT INC. Page 3 of 289



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2 EUT Description

1	ATTA ATTA	AVAIDA AVAIDA AVAID	7 3
	Product:	Laptop Computer	
~	Model No.:	T16MA Pro	
2	Trade Mark:	TECNO	1
1	Operation Frequency:	Band 1: 5180-5240 MHz Band 2: 5260-5320 MHz Band 3: 5500-5700 MHz	A
		Band 4: 5745-5825 MHz	
2	Modulation type:	IEEE 802.11a/n/ac/ax: OFDM/OFDMA (BPSK/QPSK/16QAM/64QAM/256QAM/1024QAM)	
12	Antenna Type:	Integral Antenna	1
	Antenna Gain	MAIN:2.02dBi ,AUX:2.91 dBi	
X	Operating Voltage:	Adapter1: A879-200500C-US1 Input: 100-240V~50/60Hz 2.5A Output:PD:5V3A /9V3A /12V3A/15V3.0A /20V5A PPS:3.3-11V5A 55W Max 3.3-21V5A 100W Max	
/	TETATING Voltage.	Rechargeable Li-ion Battery: N160 Nominal Voltage: 11.61V Rated Capacity: 8612mAh Rated Energy:99.99Wh	
	Remark:	Limited Charge Voltage: 13.35V N/A.	
Col	nfiguration differences		
	Configuration/ Processor	Camera	1

Processor	Camera
T16MA Pro (i5)	KANC792
T16MA Pro (i7)	CK2B2B

Note: The prototypes of both configurations have been tested, and the T16MA Pro (i7) has the worst test result, which is the main test model reported

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3 TEST DESCRIPTION

3.1 MEASUREMENT UNCERTAINTY

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

\sim			
1	No. Item		Uncertainty
5/	1	Conducted Emission Test	±3.2dB
	2	RF power, conducted	±0.16dB
	3	Spurious emissions, conducted	±0.21dB
	4	All emissions, radiated(<1GHz)	±4.7dB
	5	All emissions, radiated(>1GHz)	±4.7dB
X	6	Temperature	±0.5°C
9	7	Humidity	±2%



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3.2 TEST ENVIRONMENT AND MODE

Operating Environment:		5/2
Temperature:	25.0 °C	
Humidity:	56 % RH	
Atmospheric Pressure:	1010 mbar	

Test Mode:

Engineering mode:

Keep the EUT in continuous transmitting by select channel and modulations(The value of duty cycle is 98.46%)

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

To investigate the maximum EMI emission characteristics generates from EUT, the test system 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.

	Test Mode	Description	
	Mode 1	802.11a	\sim
	Mode 2	802.11n20	
1	Mode 3	802.11n40	AVETAT
(Mode 4	802.11ac20	
	Mode 5	802.11ac40	\mathbf{X}
	Mode 6	802.11ac80	WEIGT /
	Mode 7	802.11ax20	
	Mode 8	802.11ax40	X
5	Mode 9	802.11ax80	(TETA)
1	Mode 10	802.11ax160	
/	Mode 9	802.11ax80	

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(1) The measurements are performed at the highest, lowest available channels.

(2) The EUT use new battery.

(3) Record the worst case of each test item in this report.

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3.3 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING

	A'			141		15 AT		1414	5	14141	2
	Test					DRTU					
X	program										
5/7	-N	ATTA	1 m	10	Test	Frequency	(MHz)		WIST		1
	Mode	/	/	1	NCB: 20	1		1			
	000.44	5180	5240	5260	5320	5500	5700	5745	5825	X	1
	802.11a	MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz		
	000 44750	5180	5240	5260	5320	5500	5700	5745	5825	AWST	à.
-	802.11n	MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz	ZIER	
	000 11	5180	5240	5260	5320	5500	5700	5745	5825		
Х	802.11ac	MHz 📎	MHz	MHz	MHz	MHz	MHz	MHz	MHz		
	000 44	5180	5240	5260	5320	5500	5700	5745	5825		
57	802.11ax	MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz		1
		/	1	/	NCB: 4	OMHz					1
	X	5190	5230	5270	5310	5510	5670	5755	5795	X	1
	802.11n	MHz	MHz 🖊	MHz	MHz	MHz	MHz	MHz	MHz		
	ATTS	5190	5230	5270	5310	5510	5670	5755	5795	AVIST	2
-	802.11ac	MHz	MHz	MHz	MHz	MHz	MHz	MHz	MHz	ZIFI91	
		5190	5230	5270	5310	5510	5670	5755	5795		
х	802.11ax	MHz 🖉	MHz	MHz	MHz	MHz	MHz	MHz	MHz		
2	2	har		4	NCB:	80MHz				~	
5/4		5210	5290	5530	5610	5775				1	1
	802.11ac	MHz	MHz	MHz	MHz	MHz		\backslash			
	X	5210	5290	5530	5610	5775		X		X	
	802.11ax	MHz	MHz	MHz	MHz	MHz					
	AVE		ATT	SET	NCB: 1	60MHz	/	WISET		AVISTA	2
	802.11ax	5250	5570	1	/					1	
X	002.118	MHz	MHz		V		V				

During testing, Channel and Power Controlling Software provided by the customer was used to 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.



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4 SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:

FCC Part15 Subpart C&E

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	Standard Section	Test Item	Judgment	Remark
	2.1049 15.403(i)	26dB & 99% Bandwidth	PASS	Complies
1	15.407(e)	6dB Spectrum Bandwidth	PASS	Complies
X	15.407(a)	Maximum Conducted Output Power	PASS	Complies
14	15.407(a)	Power Spectral Density	PASS	Complies
	15.407(b)	Unwanted Emissions	PASS	Complies
_	15.207	AC Conducted Emission	PASS 775	Complies
\langle	15.407(g)	Frequency Stability	PASS	Complies
74	15.407(c)	Automatically Discontinue Transmission	PASS	Complies
	15.203 & 15.407(a)	X	PASS	Complies
	15.407(h)	Transmit Power Control (TPC) and Dynamic Frequency Selection (DFS)	PASS	Complies
			1 1 1 MP 1	TT AND

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

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5 MEASUREMENT INSTRUMENTS

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	ATHIA	AVISET	AWSET		674	175	A)
	NAME OF EQUIPMENT	MANUFACTURER	MODEL	SERIAL NUMBER	Calibration Date	Calibration Due.	
3	Test software	A AVIS	EZ-EMC	CON-03A	-///		
	Test software		MTS8310	-	\checkmark	- /	1
	EMI Test Receiver	R&S	ESCI	100005	11/05/2023	11/04/2024	1
Ż	AV57 LISN	AFJ	LS16	16010222119	11/05/2023	11/04/2024	
	LISN(EUT)	Mestec	AN3016	04/10040	11/05/2023	11/04/2024	
	Universal Radio Communication Tester	R&S	CMU 200	1100.0008.02	11/05/2023	11/04/2024	
	Coaxial cable	Megalon	LMR400	N/A	11/05/2023	11/04/2024	1
	GPIB cable	Megalon	GPIB	N/A	11/05/2023	11/04/2024	
7	Spectrum Analyzer	R&S	FSU	100114	11/05/2023	11/04/2024	
	Pre Amplifier	Н.Р.	HP8447E	2945A02715	11/05/2023	11/04/2024	
5	Pre-Amplifier	CDSI	PAP-1G18-38		11/05/2023	11/04/2024	
d l	Bi-log Antenna	SCHWARZBECK	VULB9168	01488	11/05/2023	11/04/2024	
	9*6*6 Anechoic	X	X		11/05/2023	11/04/2024	\langle
	Horn Antenna	COMPLIANCE ENGINEERING	CE18000	- /	11/05/2023	11/04/2024	
1	Horn Antenna	SCHWARZBECK	BBHA9120D	9120D-631	11/05/2023	11/04/2024	
	Cable	TIME MICROWAVE	LMR-400	N-TYPE04	11/05/2023	11/04/2024	
2	System-Controller		N/A	N/A	N.C.R	N.C.R	
	Turn Table	CCS	N/A	N/A	N.C.R	N.C.R	1
	Antenna Tower	CCS	N/A	N/A	N.C.R	N.C.R	5
-	RF cable	Murata	MXHQ87WA300 0		11/05/2023	11/04/2024	C (
9	Loop Antenna	EMCO	6502	00042960	11/05/2023	11/04/2024	
	Horn Antenna	SCHWARZBECK	BBHA 9170	1123	11/05/2023	11/04/2024	
	Power meter	Anritsu	ML2487A	6K00003613	11/05/2023	11/04/2024	
	Power sensor	Anritsu	MX248XD		11/05/2023	11/04/2024	1
	Spectrum Analyzer	Keysight	N9010B	MY60241089	11/05/2023	11/04/2024	
4	ation & Testin		115741		ATA	ALL P	4

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6 Facilities and Accreditations

6.1 FACILITIES

All measurement facilities used to collect the measurement data are located at Building A-B, Baoshi Science & Technology Park, Baoshi Road, Bao'an District, Shenzhen, Guangdong, China of the World Standardization Certification & Testing Group(Shenzhen) 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."

6.2 ACCREDITATIONS CNAS - Registration Number: L3732

China National Accreditation Service for Conformity Assessment, The test firm Registration Number: L3732

FCC - Designation Number: CN1303

World Standardization Certification & Testing Group(Shenzhen) CO., LTD. has been accredited as a testing laboratory by FCC(Federal Communications Commission). The test firm Designation Number: CN1303.

A2LA - Certificate Number: 5768.01

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The EMC Laboratory has been accredited by the American Association for Laboratory Accreditation (A2LA).Certification Number: 5768.01









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7 Test Results and Measurement Data

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

FREQUENCY (MHz)	Class A	(dBuV)	Class B (dBuV)		Standard
	Quasi-peak	Average	Quasi-peak	Average	Stanuaru
0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46 *	FCC
0.50 -5.0	73.00	60.0 <mark>0</mark>	56.00	46.00	FCC
5.0 -30.0	73.00	60.00	60.00	50.00	FCC

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- (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	6
1	Attenuation	10 dB	
	Start Frequency	0.15 MHz	
\wedge	Stop Frequency	30 MHz	
ATTA	IF Bandwidth	WGC 9 kHz	









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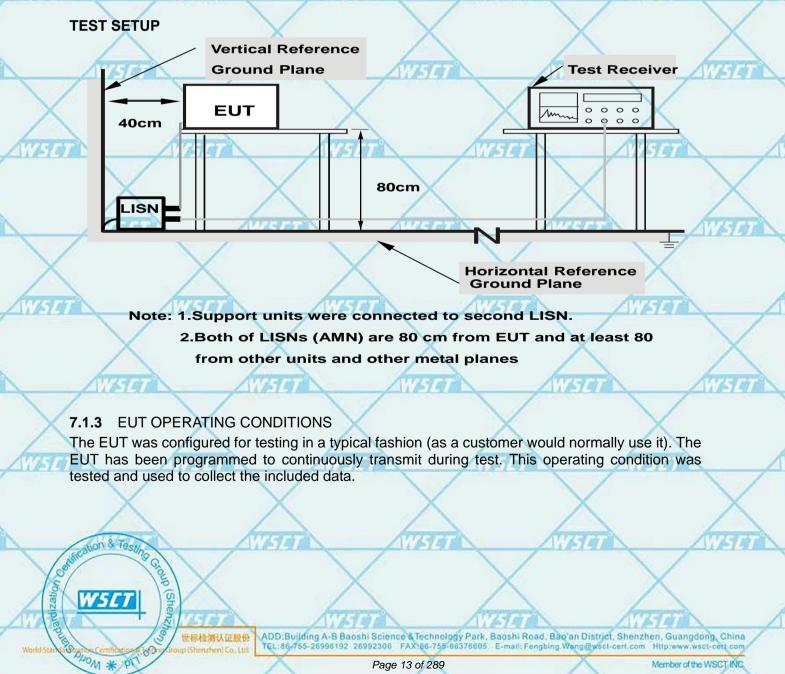
Report No.: WSCT-A2LA-R&E240300015A-Wi-Fi2

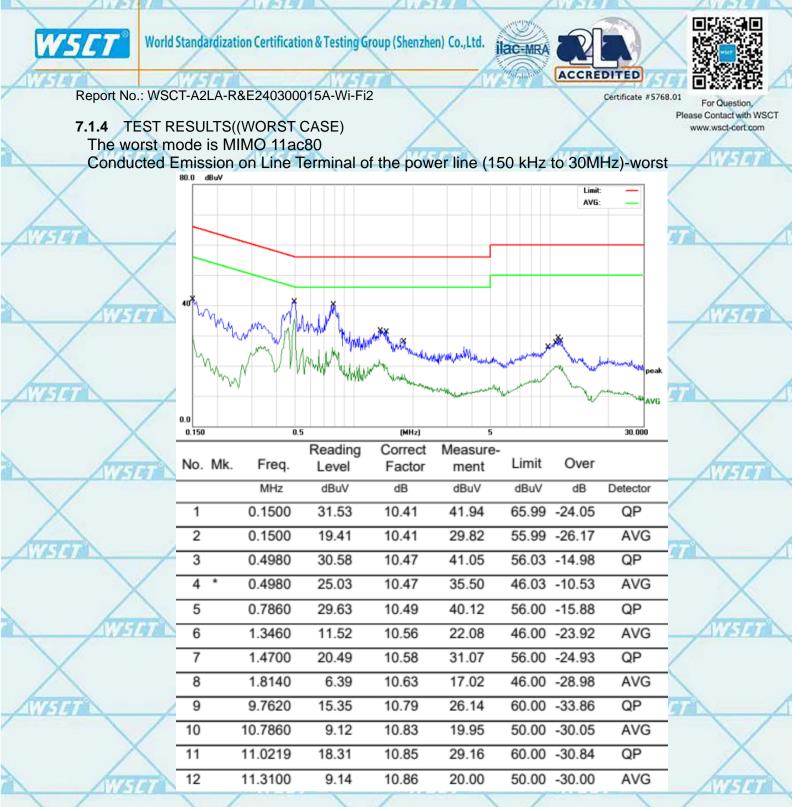
7.1.1 TEST PROCEDURE

- a. The EUT was placed 0.4 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support 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.
- For the actual test configuration, please refer to the related Item –EUT Test Photos.

7.1.2 DEVIATION FROM TEST STANDARD

No deviation





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

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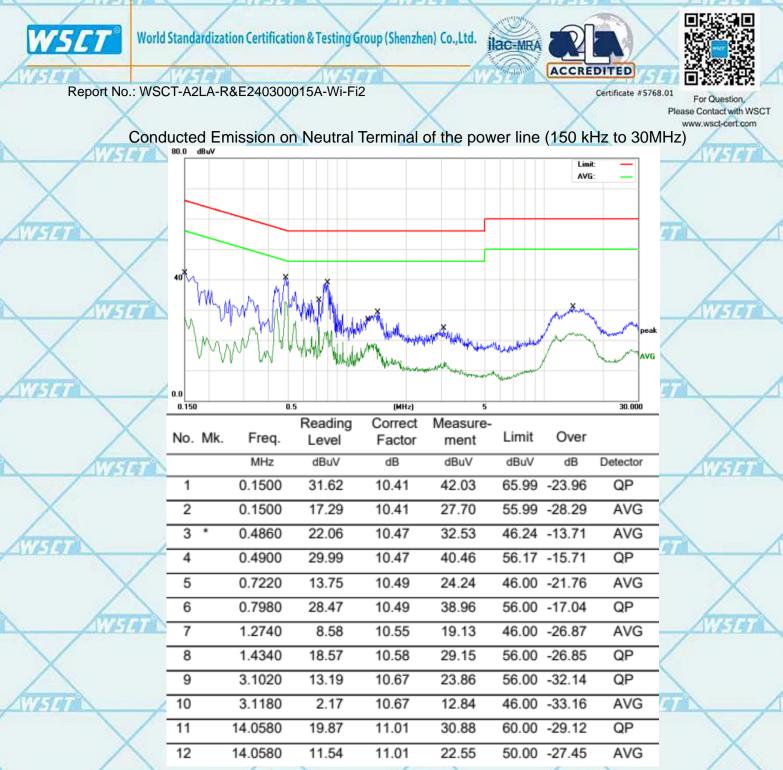
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Freq. = Emission frequency in MHz Reading level ($dB\mu V$) = Receiver reading

Corr. Factor (dB) = LISN factor + Cable loss

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

Limit (dB μ V) = Limit stated in standard

Margin (dB) = Measurement (dB μ V) – Limits (dB μ V)

Q.P. = Quasi-Peak AVG = average

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

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7.2 RADIATED EMISSION MEASUREMENT

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

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	1151 200	VISET 3 AVISE		
Above 960	500	3		
A				

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000MHz)

Limit (dBuV/m) (at 3M)			
PEAK	AVERAGE		
WSC 74	WSCT 54 WSL		
	PEAK		

Notes:

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- (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	1000 MHz	5
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
1	Attenuation	SET WSCAuto WSCT
	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
	Start ~ Stop Frequency Start ~ Stop Frequency	9kHz~150kHz / RB 200Hz for QP 150kHz~30MHz / RB 9kHz for QP

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7.2.1 TEST PROCEDURE

- a. The measuring distance of at 3 m shall be used for measurements at frequency up to 1GHz. 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 meter 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

7.2.2 DEVIATION FROM TEST STANDARD

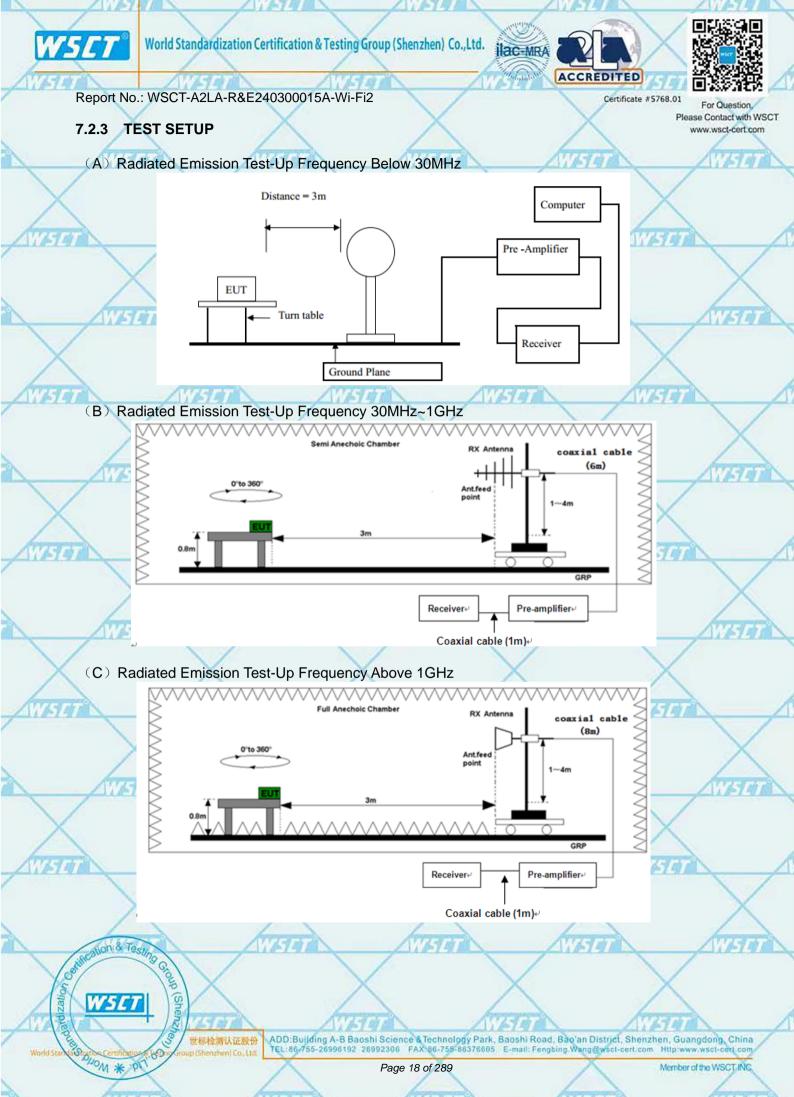
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7.2.4 EUT OPERATING CONDITIONS

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. **7.2.5** RESULTS (BELOW 30 MHZ)

	J RESULIS (BELOW				
	Freq.	Reading	Limit	Margin	State
~	(MHz)	(dBuV/m)	(dBuV/m)	(dB)	P/F
-	-	-		-	Р
	X -	X	X	- X	Р

Note:

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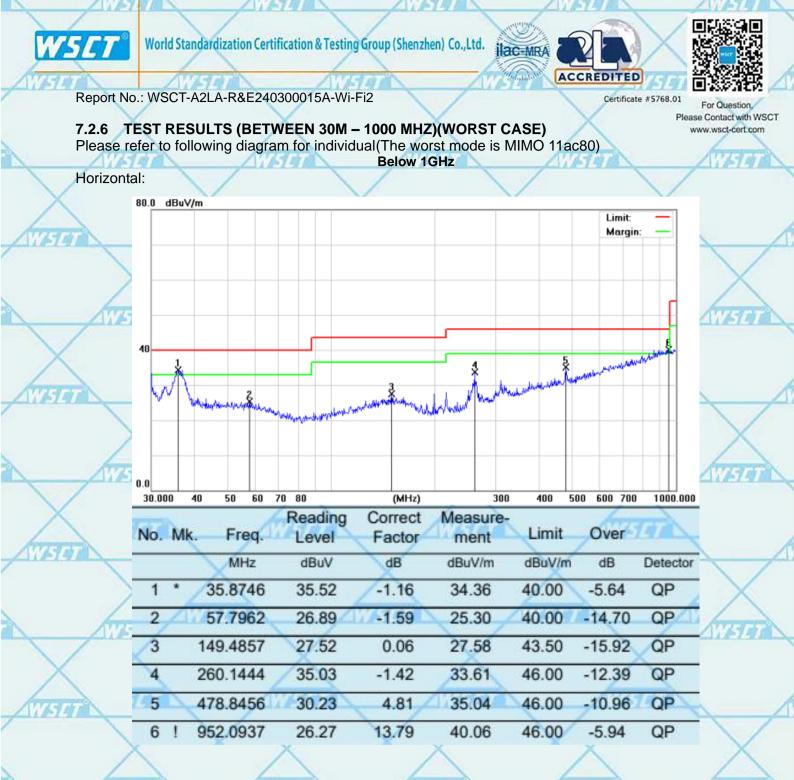
No result in this part for margin above 20dB.

Distance extrapolation factor =20 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.





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

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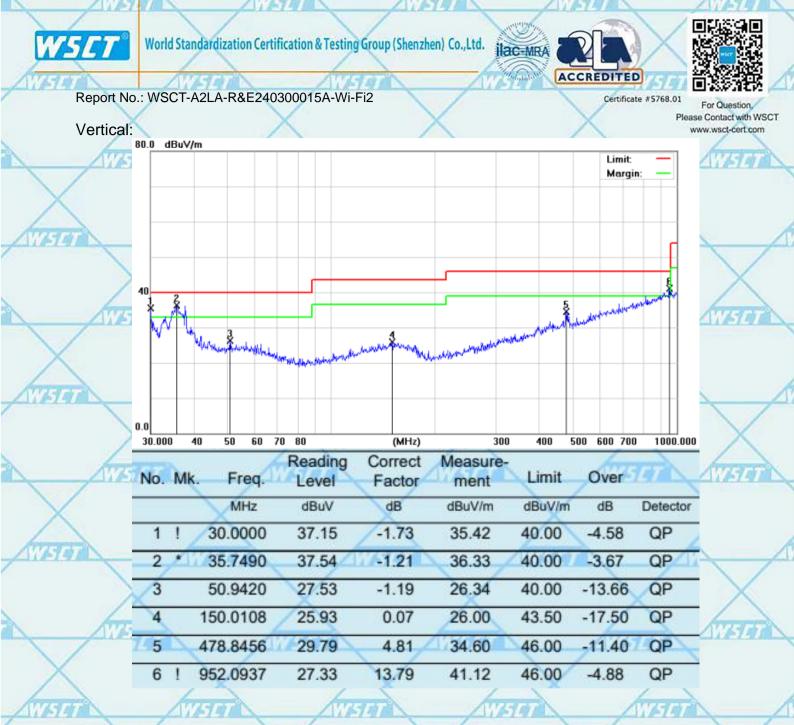
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Freq. = Emission frequency in MHz Reading level $(dB\mu V)$ = Receiver reading Corr. Factor (dB) = Antenna factor + Cable loss - Amplifier factor. Measurement $(dB\mu V)$ = Reading level $(dB\mu V)$ + Corr. Factor (dB)Limit $(dB\mu V)$ = Limit stated in standard Margin (dB) = Measurement $(dB\mu V)$ - Limits $(dB\mu V)$

> 世标检测认证数份 ADD:Building A-B Baoshi Science & Technology Park, Baoshi Road, Bao an District, Shenzhen, Guangdong, China p(Shenzhen) Co. Lta. TEL:86-755-26996192 26992306 FAX:86-755-86376605 E-mail: Fengbing.Wang@wsci-cert.com Http://www.wsci-cert.com/







Certificate #5768.01

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7.2.7 TEST RESULTS (ABOVE 1GHZ)

Note:All the mode have been tested, and only the worst case mode are in the reporte The worst mode is MIMO 11ac80

			Above 10	JEZ 🔪						
Frag	Low channel: 5180MHz									
Freq. (MHz)	Ant.Pol	Emission L	_evel(dBuV)	Limit 3m	nit 3m(dBuV/m)		Over(dB)			
	H/V	PK	AV	PK	AV	PK	AV			
10360	V	58.14	41.99	74	54	-15.86	-12.01			
15540	V	58.64	39.02	74	54	-15.36	-14.98			
10360	Н	59.09	40.82	74	54	-14.91	-13.18			
15540	Н	59.95	40.95	-74	54	-14.05	-13.05			

Energy a	Low channel: 5260MHz									
Freq. (MHz)	Ant.Pol	Emission L	_evel(dBuV)	Limit 3m(dBuV/m)		Over(dB)				
	H/V	PK	AV	PK	AV	PK	AV			
10520	V	59.02	40.65	74	54	-14.98	-13.35			
15780	V	59.60	40.63	74	54	-14.40	-13.37			
10520	Н	59.83	39.03 📝	74	54 💋	-14.17	-14.97			
15780	Н	58.28	39.28	74	54	-15.72	-14.72			
		A MARINA	A.4		All		111			

Frog	Low channel: 5500MHz									
Freq. (MHz)	Ant.Pol	Emission L	_evel(dBuV)	Limit 3m(dBuV/m)		Over(dB)				
(IVI⊓∠)	H/V	PK	AV	PK	AV	PK	AV			
11000	SCV	58.28	40.59	74	54	-15.72	-13.41			
16500	V	59.20	40.97	74	54	-14.80	-13.03			
11000	H	58.96	40.50 🔪	74	54	-15.04	-13.50			
16500	H	59.33	40.33	74	54 🧹	-14.67	-13.67			

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Free	Low channel: 5745MHz										
Freq. (MHz)	Ant.Pol	Emission I	_evel(dBuV)	Limit 3m(dBuV/m)		Over(dB)					
	H/V	PK	AV	PK	AV	PK	AV				
11490	V	59.99	41.93	74	54	-14.01	-12.07				
17235	V	58.42	39.92	74	54	-15.58	-14.08				
11490	Н	59.06	39.70	74	54	-14.94	-14.30				
17235	Н	59.07	40.07	74	54	-14.93	-13.93				

Note:

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

2. Emission Level= Reading Level+ Probe Factor +Cable Loss.

3. Data of measurement within this frequency range shown "--" in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.



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7.3 ANTENNA REQUIREMENT

Standard requirement:The EUT'S antenna is met the requirement of FCC part 15C
section 15.203 and FCC part 15C section 15.407.

FCC part 15C section 15.203 and FCC part 15C section 15.407 requirements: Systems operating in the 5150~5850MHz 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.

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The Wi-Fi antenna is a Integral Antenna. it meets the standards, and the best case gain of the antenna is "MAIN:2.02dBi ,AUX:2.91 dBi".









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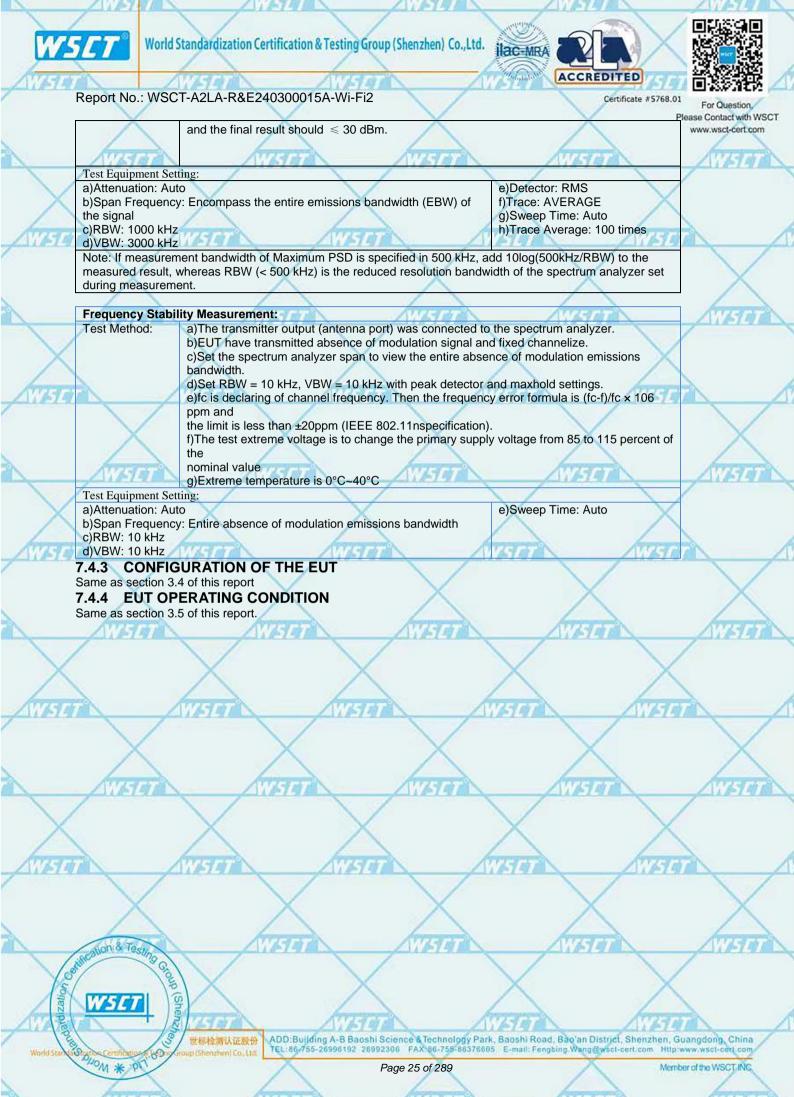
Report No.: WSCT-A2LA-R&E240300015A-Wi-Fi2

7.4 EMISSION BANDWIDTH

7.4.1 TEST EQUIPMENT Please refer to Section 5 this report.

7.4.2 TEST PROCEDURE

262B Eandwidth and 99% Occupied Bandwidth: Test Method (A) the transmitter was radiated to the spectrum analyzer in peak hold mode. 1) Measure the maximum width of the emission that is 26 dB down from the peak of the measurement as needed multithe to BW/EBW ratio is approximately 1%. 2 magnetize the maximum width of the emission that is 26 dB down from the peak of the measurement as needed multithe to BW/EBW ratio is approximately 1%. 2 magnetize the maximum width of the emission bandwidth (D) WE is 3 x RBW (D) WE is 3 x RBW 2 magnetize the measurement width of the emission bandwidth (D) WE is 3 x RBW 2 magnetize the measurement width of the emission bandwidth (D) WE is 3 x RBW 2 magnetize the measurement width of the emission bandwidth (D) WE is 3 x RBW 2 magnetize the spectrum analyzer in peak hold mode. (D) Test was performed in accordance with KDB 8602911 D01 v02:01 2 magnetize the spectrum width width power higher than 6dB below carrier. (D) Measure the spectrum width width power higher than 6dB below carrier. 2 magnetize the spectrum width width power higher than 6dB below carrier. (D) Measure the spectrum width width power mean. 3 multiple antenna system was performed in accordance with KDB 862911 D01 v02:01 massion (D) Measure the spectrum analyzer.	7.4.2 TEST P	ROCEDURE	X	X	X
Test Method: a) The transmitter was padiated to the spectrum analyzer in peak hold mode. b) Measure the maximum width of the emission that is 26 dB down from the peak of the emission Compare (his with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%. Test Equipment Setting 2-964 Bandwidth: [Pist Regulation Setting 2-964 By Bandwidth: b) Span Frequency: 264 Bandwidth: () RBW: Approximately 1% of the emission bandwidth () RBW: 1% to 5% of the OBW () VBW: Park Net Mode () Pist W: 3 a X RBW () Detector: Peak () Trace: Max Hold () VBW: Park Net Mode () Detector: Peak () Trace: Max Hold () Trace: Max Hold () Multiple antenna system was performed in accordance with KDB78003 D02 v01 for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices - section (C) Emission Bandwidth. () Multiple antenna system was performed in accordance with KDB78003 D02 v01 for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices - section (C) Emission Bandwidth () RBW: 100kHz () Bypan Frequency: > 6d B Bandwidth () Detector: Peak () Discovery: > 3 x RBW () Detector: Peak () Discovery: > 3 x RBW () Detector: Peak () RABW: 100kHz () Detector: Peak () Bypan Frequency: > 5d B Bandwidth () D					
b)Measure the maximum width of the emission that is 26 dB down from the peak of the emission Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%. Test Equipment Setting – 26dB Bandwidth Test Equipment Setting – 9%% Bandwidth b)Span Frequency: ≥ 26dB Bandwidth B)Span 1.5 fitmes to 50 (mess the OBW b)SPAN ratio is approximately 1%. CHRW: Approximately 1% (the emission bandwidth d)VBW: 1% to 5% of the OBW b)SPAN ratio is as the OBW b)SPAN ratio is as the OBW b)SPAN ratio is approximately 1%. 0/DEK: Peak D)Decket Peak B)Direct Was radiated to the spectrum analyzer in peak hold mode. b)Test was performed in accordance with KDB789033 D02 v01 for Compliance Testing of Unicerse National Information Infrastructure (U-NII) Devices - section (C) Emission Bandwidth. c)Multiple enterna system was performed in accordance with KDB789033 D02 v01 for Compliance Testing of Unicerse National Information Infrastructure (U-NII) Devices - section (C) Emission Bandwidth. c)Multiple enterna system was performed in accordance with KDB662911 D01 v02/01 Emission Bandwidth (D)RBW: 20 X RBW D/RBW: 100kHz e)Detector: Peak (D)Time: Max Hold (D)RBW: 20 X RBW Maximum Conducted the spectrum width with power higher than 6dB below carrier. Test Equipment Setting: e)Detector: Peak (D)Time: Max Hold (D)RBW: 20 X RBW D/RBW: 100kHz a)The transmitter with Multiple Outputs in the Same Band. d)Was massed andowidth (D)Tisst was performed in accordance with KDB78033 D02 v0				172997	ATT A
emission Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%. Test Equipment Setting 264B Bandwidth: a)Attenuation: Auto DSpan Frequency:> 264B Bandwidth ()DRW: 1% to 5% of the OBW ()DRW: 1% the SRW ()DRW: 100 kHz ()DRW: 100 kHz	Test Method:				
measurement as needed until the RBW/EBW ratio is approximately 1%. Test Equipment Setting – 26dB Bandwidth Test Equipment Setting – 99%% Bandwidth a)Span: 15 times to 50 times the OBW b)RBW: 1% to 5% of the OBW b)RBW: Npw consimilately 1% of the emission bandwidth c)NBW: 1% to 5% of the OBW b)RBW: VBW > RBW c)UBUC: 3 x RBW c)Detector: Peak e)Trace: Max Hold g)Rwep Time: Auto a)The transmitter was radiated to the spectrum analyzer in peak hold mode. b)Test was performed in accordance with KDB789033 D02 v01 for Compliance Testing of Unicensed National Information Infrastructure (U-NII) Devices - section (D) Emission Bandwidth. c)Multiple antenna system was performed in accordance with KDB662911 D01 v02r01 Emissions Test Equipment Setting: c)Detector: Peak b)Test was performed in accordance with KDB789033 D02 v01 for Compliance Testing of Unicensed National Information Infrastructure (U-NII) Devices - section (C) Emission Test Equipment Setting: c)Detector: Peak b)Ram Frequency: > 6dB Bandwidth c)Detector: Peak c)Multiple output systems was performed in accordance with KDB789033 D02 v01 for Compliance Testing of Unicensed National Information Infrastructure (U-NII) Devices - section (E) Maximum conducted output power Massurement: Test Equipment Setting: c)Detector - Peak D/RBW: 100kHz					
Test Equipment Setting - 260B Bandwidth: Test Equipment Setting - 99% Bandwidth: 9)Artemation: Auto a)Span: 15 times to 5 0 times the 0 BW b)Span Frequency: > 260B Bandwidth: a)Span: 15 times to 5 0 times the 0 BW c)RBW: Approximately 1% of the emission bandwidth b)RBW: 1% to 5 % of the OBW c)RBW: Approximately 1% of the emission bandwidth c)VBW: > 3 x RBW c)Detector: Peak c)Trace: Max Hold g)Sweet 15 Reak e)Trace: Max Hold g)Sweet 5 Reak e)Trace: Max Hold g)Measured the spectrum width with power higher than 6dB below carrier. frasting a specific reak g)Sweet 5 Reak e)Detector: Peak g)Sweet 5 Reak e)Dete	X	emission Compare	this with the RBW	setting of the analyzer. Readjust RB'	W and repeat
Test Equipment Setting - 260B Bandwidth: Test Equipment Setting - 99% Bandwidth: 9)Artemation: Auto a)Span: 15 times to 5 0 times the 0 BW b)Span Frequency: > 260B Bandwidth: a)Span: 15 times to 5 0 times the 0 BW c)RBW: Approximately 1% of the emission bandwidth b)RBW: 1% to 5 % of the OBW c)RBW: Approximately 1% of the emission bandwidth c)VBW: > 3 x RBW c)Detector: Peak c)Trace: Max Hold g)Sweet 15 Reak e)Trace: Max Hold g)Sweet 5 Reak e)Trace: Max Hold g)Measured the spectrum width with power higher than 6dB below carrier. frasting a specific reak g)Sweet 5 Reak e)Detector: Peak g)Sweet 5 Reak e)Dete		-			
a)Attemation: Auto b)Span Frequency:> 2408 Bandwidth c)RBW: Approximately 1% of the emission bandwidth d)VBW: VBW > RBW c)Detector: Peak e)Trace: Max Hold g)Sweep Time: Auto 6 dB Bandwidth: c)RBW: 10 b % cf the CBW c)VBW: ≥ 3 x RBW d)Detector: Peak e)Trace: Max Hold g)Sweep Time: Auto 6 dB Bandwidth: c)Multiple antenna system was performed in accordance with KDB789033 D02 v01 for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices - section (C) Emission Bandwidth, c)Multiple antenna system was performed in accordance with KDB789033 D02 v01 for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices - section (C) Emission Bandwidth, c)Multiple antenna system was performed in accordance with KDB662911 D01 v02r01 Emissions Testing of Transmitters with Multiple Outputs in the Same Band. d)Measured the spectrum width with power higher than 6dB below carrier. 10/18BW: 100KHz d)VBW: ≥ 3 x RBW Maximum Conducted Output Power Measurement: Test Method: a)The transmitter output (antenna port) was connected to the power meter. b)Test was performed in accordance with KDB789033 D02 v01 for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices - section (E) Maximum conducted Output power = >3. Measurement using a Power Meter (PM) =>b) Method PM-G (Measurement using a gated RF average power meter), c)Multiple antenna systems was performed in accordance with KDB789033 D02 v01 for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices - section (E) Maximum conducted output power =>3. Measurement using a Power Meter (PM) =>b) Method PM-G (Measurement using a gated RF average power meter), c) Multiple antenna systems was performed in accordance with KDB789033 D02 v01 for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices - section (F) Maximum Power Spectral Density (PSD). c) Multiple antenna systems was performed in accordance KDB662911	Test Equipment Set				width:
b)Span Frequency: > 2cdB Bandwidth (J)(BW: YBW > RBW c)Detector: Peak (D)Cetector: Peak					
c)RBW: Approximately 15% of the emission bandwidth (J)RW: VBV > RBW (J)Detector: Peak (J)Trace: Max Hold (J)Trace: Max Hold (J)Multiple antenna system was performed in accordance with KDB662911 D01 v02r01 (Emission Testing of Transmitters with Multiple Outputs in the Same Band, (J)Multiple antenna system was performed in accordance with KDB78033 D02 v01 for Compliance Testing of (J)Multiple antenna system was performed in accordance with KDB78033 D02 v01 for Compliance Testing of (J)Trace: Max Hold (J)VBW: ≥ 3 x RBW Maximum Conducted Output Power Measurement: Test Method: a)The transmitter output (antenna port) was connected to the power meter. (J)VTRW: ≥ 3 x RBW Maximum Conducted Output Power Measurement using a Dower Meter (PM) =>b) Method PM-G (Measurement using a gated RF average power meter), (J)Multiple antenna systems was performed in accordance with KDB662911 D01 v02r01 (Emission Testing of Transmitters with Multiple Outputs in the Same Band, (J)When measuring maximum conducted output power meter), (J)Multiple antenna systems was performed in accordance with KDB662911 D01 v02r01 (Emission Testing of Transmitters with Multiple Outputs in the Same Band, (J)When measuring maximum conducted output power meter), (J)Multiple antenna systems was performed in accordance KDB662911 D01 v02r01 (Emission Test Method: A) The transmitter output (antenna port) was connected RF switch to the spectrum analyzer. (J)When measuring maximum cond					BW
(I)\DBW: VBW > RBW (I)Detector: Peak (D)Detector: Peak (I)Trace: Max Hold (D)Trace: Max Hold (I)Detector: Peak (D)Trace: Max Hold (I)Detector: Peak (I)Detector: Peak (I)Detector: Peak (I)Multiple antenna system was performed in accordance with KDB7602911 D01 v02r01 Emissions Test Equipment Setting: (I)Detector: Peak (I)NEW: > 3 x RBW (I)Tace: Max Hold (I)NEW: > 3 x RBW (I)NEW: > 3 x RBW (I)NEW: > 3			1 1 14		
i)Decoder: Max Hold i)Trace: Max Hold gSweep Time: Auto i)Test: Max Hold 6 dB Bandwidth: i)Test was performed in accordance with KDB789033 D02 v01 for Compliance Testing of Unlicensed National.Information Infrastructure (U-NII) Devices - section (C) Emission Bandwidth: i)Test was performed in accordance with KDB662911 D01 v02r01 Emissions Testing of Transmitters with Multiple Outputs in the Same Band. i)Multiple antenna system was performed in accordance with KDB789033 D02 v01 for Compliance Testing of Variansmitter with power higher than 6dB below carrier. Test Equipment Setting: e)Detector: Peak i)Attenuation: Auto i)Trace: Max Hold i)Span Frequency: > 6dB Bandwidth i)Trace: Max Hold i)WBW: ≥ 3 x RBW e)Detector: Peak Maximum Conducted Output Power Measurement: i)Trace: Max Hold Test Method: a)The transmitter output (antenna port) was connected to the power meter. i)Detext was performed in accordance with KDB789033 D02 v01 for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices - section (E) Maximum conducted output power =>3. Measurement using a power Meter (PM) =>b) Method PM-G (Measurement using a gated RF average power meter). i)Milliple antenna systems was performed in accordance with KDB62911 D01 v02r01 Emissions Test Equipment Setting: Detector - Average			n bandwidth		X
Offrace: Max Hold Offrace: Max Hold g/Sweep Time: Auto a)The transmitter was radiated to the spectrum analyzer in peak hold mode. b)Test was performed in accordance with KDB759033 D02 v01 for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices - section (C) Emission Test Equipment Setting: a)Measured the spectrum width with power higher than 6dB below carrier. Test Equipment Setting: a)Measured the spectrum width with power higher than 6dB below carrier. JAtternation: Auto b)Span Frequency: > 6dB Bandwidth b)RBW: D0KHz e)Detector: Peak d)VBW: ≥ 3 x RBW f)Trace: Max Hold Maximum Conducted Output Power Measurement: b)Test was performed in accordance with KDB789033 D02 v01 for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices - section (E) Maximum conducted output power =>3. Measurement using a Power Meter (PM) =>b) Method PM-G (Measurement using a gated RF average power meter. b)Test was performed in accordance with KDB789033 D02 v01 for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices - section (E) Maximum conducted output power =>3. Measurement using a Power Meter (PM) =>b) Method PM-G (Measurement using a gated RF average power meter. c) c)Multiple antenna systems was performed in accordance with KDB662911 D01 v02r01 Emissions Test Equipment Setting: a)The transmitter output (antenna port) was connected RF switch to the spectrum analyzer. <tr< td=""><td></td><td>BW</td><td></td><td></td><td></td></tr<>		BW			
P(2)Weep Time: Auto Image: Compliance Testing of Unicensed National Information Infrastructure (U-NII) Devices - Section (C) Emission Bandwidth. O/Multiple antenna system was performed in accordance with KDB662911 D01 v02r01 Emissions Testing of Transmitters with Multiple Outputs in the Same Band. O/Multiple antenna system was performed in accordance with KDB662911 D01 v02r01 Emissions Testing of Transmitters with Multiple Outputs in the Same Band. O/Multiple antenna system was performed in accordance with KDB662911 D01 v02r01 Emissions Testing of Transmitters with Multiple Outputs in the Same Band. O/Multiple antenna system was performed in accordance with KDB76003 D02 v01 for Compliance Testing of Unicensed National Information Infrastructure (U-NII) Devices - Section (E) Maximum Conducted Output Power Measurement: Test Method: a)The transmitter output (antenna port) was connected to the power meter. b)Test was performed in accordance with KDB789033 D02 v01 for Compliance Testing of Unicensed National Information Infrastructure (U-NII) Devices - Section (E) Maximum conducted output power =>3. Measurement using a Power Meter (PM) =>b) Method PM-G (Measurement using a glated RF average power meter). O/Multiple antenna systems was performed in accordance with KDB789033 D02 v01 for Compliance Testing of Unicensed National Information Infrastructure (U-NII) Devices - Section (E) Maximum conducted output power =>3. Measurement using a Power Meter (PM) =>b) Method PM-G (Measurement using a glated RF average power meter). c)Multiple antenna systems was performed in accordance with KDB789033 D02 v01 for Compliance Testing of Unicensed National Information Infrastructure (U-NII) Devices - Sec				e)Trace: Max Hold	
6 dB Bandwidth: Test Method: a)The transmitter was radiated to the spectrum analyzer in peak hold mode. b)Test was performed in accordance with KDB789033 D02 v01 for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices - section (C) Emission Bandwidth. c)Multiple antenna system was performed in accordance with KDB662911 D01 v02r01 Emissions Testing of Transmitters with Multiple Outputs in the Same Band. d)Measured the spectrum width with power higher than 6dB below carrier. Test Equipment Setting: e)Detector: Peak 0)Xtemuation: Auto e)Detector: Peak 0)XBW: ≥ 3 x RBW f)Trace: Max Hold Maximum Conducted Output Power Measurement: f)Test was performed in accordance with KDB662911 D01 v02r01 Emissions e)The transmitter output (antenna port) was connected to the power meter. b)Test was performed in accordance with KDB662911 D01 v02r01 Emission Test Method: e)The transmitter output (antenna port) was connected to the power meter. 0)Wultiple antenna systems was performed in accordance with KDB662911 D01 v02r01 Emissions Test go of Transmitters with Multiple Outputs in the Same Band. d)Wultiple antenna systems was performed in accordance with KDB662911 D01 v02r01 Emissions Testing of Transmitters with Multiple Outputs in the Same Band. d)Wultiple antenna systems was performed in accordance with KDB662911 D01 v02r01 <t< td=""><td></td><td></td><td>11190</td><td></td><td>11474</td></t<>			11190		11474
Test Method: a) The transmitter was radiated to the spectrum analyzer in peak hold mode. b) Test was performed in accordance with KDB789033 D02 v01 for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices - section (C) Emission Bandwidth. c) Wulliple antenna system was performed in accordance with KDB662911 D01 v02r01 Emissions Testing of Transmitters with Multiple Outputs in the Same Band. d) Measured the spectrum width with power higher than 6dB below carrier. Test Equipment Setting: a)Attenuation: Auto b)Span Frequency: > 6dB Bandwidth c)RWEW: 100kHz d)VBW: ≥ 3 x RBW Maximum Conducted Output Power Measurement: Test Method: b)Test was performed in accordance with KDB789033 D02 v01 for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices - section (E) Maximum conducted Output power =>3. Measurement using a Power Meter (PM) =>b) Method PM-G (Measurement using a gated RF average power Meter (PM) =>b) Method PM-G (Measurement using a gated RF average power meter. c)Multiple antenna systems was performed in accordance with KDB662911 D01 v02r01 Emissions Testing of Transmitters with Multiple Outputs in the Same Band. d)When measuring maximum conducted output power with multiple antenna systems, add every result of the values by mathematic formula. Test Equipment Setting: Detector - Average Power Spectral Density (PSD) Measurement using a Sonnected RF switch			1		
b)Test was performed in accordance with KDB789033 D02 v01 for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices - section (C) Emission c)Multiple antenna system was performed in accordance with KDB662911 D01 v02r01 Emissions Testing of Transmitters with Multiple Outputs in the Same Band, d)Measured the spectrum width with power higher than 6dB below carrier. Test Equipment Setting: a)Attenuation: Auto e)Detector: Peak b)Span Frequency: > 6dB Bandwidth f)Trace: Max Hold c)RBW: 100kHz g)Sweep Time: Auto d)WBW: ≥ 3 x RBW a)The transmitter output (antenna port) was connected to the power meter. b)Test was performed in accordance with KDB789033 D02 v01 for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices - section (E) Maximum conducted Output power =>3. Measurement using a Power Meter (PM) =>b) Method PM-G (Measurement using a gated RF average power meter). c)Multiple antenna systems was performed in accordance with KDB662911 D01 v02r01 Emissions Testing of Transmitters with Multiple Outputs in the Same Band. d)When measuring maximum conducted output power with multiple antenna systems, add every result of the values by mathematic formula. Test Equipment Setting: Test Method: a)The transmitter output (antenna port) was connected RF switch to the spectrum analyzer. b)Test was performed in accordance with KDB662911 D01 v02r01 in-Band Power <td>6 dB Bandwidth:</td> <td></td> <td>/</td> <td></td> <td></td>	6 dB Bandwidth:		/		
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outputs. d)When measuring first spectral bin of output 1 is summed with that in the first spectral bin of output 2 and that from the first spectral bin of output 3 and so on up to the Nth output to obtain the value for the first frequency bin of the summed spectrum. The summed spectrum value for each of the other				1 minut	
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obtain the value for the first frequency bin of the summed spectrum. The summed spectrum value for each of the other		d)When measuring	first spectral bin of	output 1 is summed with that in the fir	st spectral bin of
obtain the value for the first frequency bin of the summed spectrum. The summed spectrum value for each of the other		output 2 and that fr	om the first spectra	I bin of output 3 and so on up to the N	Ith output to
the other	Mon & Tan			AVISTAL AVIS	AVIS
the other	ficaling			spectrum. The summed spectrum value	ue for each of
frequency bins is computed in the same way. e)For 5.725~5.85 GHz, the measured result of PSD level must add 10log(500kHz/RBW) 世际检测认证股份 ADD:Building A-B Baoshi Science & Technology Park, Baoshi Road, Bao an District, Shenzhen, Guangdong, Chil TeL:86,755-28996192 26992300 FAX 86-755-88376605 E-mail: Fengbing Wang@wsci-cert.com Http://www.wsci-cert.com					
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世际检测认证股份 ADD:Building A-B Baoshi Science & Technology Park, Baoshi Road, Bao'an District, Shenzhen, Guangdong, Chil Phone Cerminationer (On snoup (Shenzhen) Co. Lttl Parce 24 of 280	WARDEN 1				00kHz/RBW)
世际检测认证股份 ADD:Building A-B Baoshi Science & Technology Park, Baoshi Road, Bao'an District, Shenzhen, Guangdong, Chil Der Cerminationer, GDuy sroup (Shenzhen) Co. Ltt Dugu A of 280	ucu	5). 5. 51 <u>2</u> 5 0.00 C	,		
世际校湾认证設分 ADD:Building A-B Baoshi Science & Technology Park, Baoshi Road, Bao'an District, Shenzhen, Guangdong, Chil Directory (Shenzhen) Co. Lttl TEL:86-755-26998192 26992308 FAX 86-755-86376605 E-mail: Fengbing Wang@wscl-cert.com Http://www.wscl-cert.com Hitp://www.wscl-cert.com		S VSPT	ATATA	A TATA	ALZ THE
Ceremonto - Common Specific Common Specif		DOA CHARTER AND ADD	Building A-B Baoshi Sc	ience's Technology Park, Baoshi Road, Bao'an	District, Shenzhen, Guangdonn, Chin
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World

World Standardization Certification & Testing Group (Shenzhen) Co., Ltd.





Report No.: WSCT-A2LA-R&E240300015A-Wi-Fi2

		T-A2LA-R&E2	240300015A-Wi-F	12	Certificate #57	68.01 For Question, Please Contact with WSCT
	7.4.5 LIMIT		\wedge	\sim		www.wsct-cert.com
			upied Bandwidth:			
	Limit:	No restriction	limits.	ALLAN	A big and	
. 2	-6 dB Bandwidth					
	Limit:		dulation systems, th	e minimum 6dB bandwidth	shall be at least 500 kHz.	
X	Test Equipment S				ζ ,	$\overline{\mathbf{X}}$
	a)Attenuation: Aut		/	e)Detector: Peak	\sim	
-1 etc	b)Span Frequency	y: > 6dB Bandw	ridth 175	f)Trace: Max Hold	Total ATT2	Teres .
14	c)RBW: 100kHz	TELET	- uri	g)Sweep Time: Auto		19
	d)VBW: ≥ 3 x RBV					
	Maximum Condu	icted Output P	ower Measurement		X	
	\wedge			5~5.25 GHz		
	Limit of Outdoo	r access point:		Limit of Indoor acce		
	The maximum cor			The maximum conduc	cted output power over the	AVATON
	frequency band of	operation shall	not exceed 1 W		eration shall not exceed 1 W	
1			antenna gain does n		maximum antenna gain doe	S
X			nnas of directional g	ain not	X	X
1	greater than 6 dBi			exceed 6 dBi. If transr	mitting antennas of directiona	al
25.25	conducted output				Bi are used, both the maximu	m
14			by the amount in dE		ver and the maximum power	14
			enna exceeds 6 dB		be reduced by the amount in	
			ation angle above 30			
			orizon must not exce		in of the antenna exceeds 6	
	125 mW (21 dBm)			dBi.		
	Limit of Fixed p				portable client devices:	WISTT`
	The maximum cor				cted output power over the	7
/	frequency band of				eration shall not exceed 250	X
X			III devices may emp		X	X
1			to 23 dBi without an		maximum antenna gain doe	S
-			aximum conducted	not	and the	-
14			spectral density. Fo		mitting antennas of directiona	
			at employ a directio		Bi are used, both the maximu	m V
			, a 1 dB reduction in		ver and the maximum power	
	maximum conduct				be reduced by the amount in	
	power spectral de			dB		
	antenna gain in ex	Cess of 23 dBl.	WSFT		in of the antenna exceeds 6	AUSTY
	failed to	pas pas		dBi.	Part in the second	
1	The mention was as			& 5.470-5.725 GHz	all not away and the language of O	50
X					all not exceed the lesser of 2	50
1				B emission bandwidth in m		
					ducted output power and the	
14	exceeds 6 dBi.	spectral density	Shall be reduced by	the amount in up that the c	directional gain of the antenn	
	exceeds o ubi.			5~5.85 GHz	~ / /	
	The maximum car	aducted output			all not exceed 1 W (30dBm).	If
				6 dBi are used, both the ma		" \ <u>\</u>
					n dB that the directional gain	of
				oint U-NII devices operating		AWSIT
	transmitting anten		ever, incer point-to-p	ont o-thi devices operating	g in this band may employ	- Curris
1			i without any corres	oonding reduction in transm	litter conducted power	
X	Power Spectral E		i maroacariy correc			X
1	. ener opcourar E				1	
		horas a		5~5.25 GHz		
74	Limit of Outdoo				ess point: 17 dBm/MHz	74
	Limit of Fixed p	oint-to-point acc	cess points: 17		portable client devices: 11	
	dBm/MHz		V	dBm/MHz		
	5.25-5.35 GHz		~	11 dBm/MHz	\wedge	- ^
	5.470-5.725 GH			11 dBm/MHz		
	⊠5.725~5.85 GH		Independent N	30 dBm/500kHz	AUTET	WISTT
1	Frequency Stabil			- IIIII	THE PARTY OF	
10	Limit:				under all conditions of norma	
15	1 UP		specified in the user		X	X
le l	WAS HELL		er center frequency	tolerance shall be \pm 20 ppm	maximum for the 5 GHz bar	nd
IZ		(IEEE	-			
1ª			17/5	41 112	191 172	74/1
Pu	3	世标检测认证股份	ADD:Building A-B Bao	shi Science & Technology Park, Ba	oshi Road, Bao'an District, Shenzhe -mail: Fengbing Wang@wsct-cert.com	en, Guangdong, China 🖊
Stantia	Regine Cermination Bong	roup (Shenzhen) Co., Ltd.	TEL:86-755-26996192 2	6992306 FAX 86-755-86376605 E-	-mail: Fengbing.Wang@wscl-cert.com	Http://www.wscl-cotl.com
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802.11n specification).

7.4.6 TEST RESULT

-26dB Bandwidth and 99% Occupied Bandwidth

14	Product	: EUT-Sample	Test Mode	: See section 3.4	
	Test Item	: -26dB Bandwidth/-6dB Bandwidth and 99% Occupied Bandwidth	Temperature	: 25 °C	\mathbf{X}
	Test Voltage	: DC 11.61V	Humidity	: 56%RH	WISTOT
	Test Result	: PASS	/		/

-26dB Bar	ndwidth		\wedge		\wedge	
AWSET	Mode	Frequency (MHz)	-26 dB Bandwidth (MHz)	Limit -26 dB Bandwidth (MHz)	Verdict	2
\sim	а	5180	19.87 💙	0.5	Pass	
\wedge	а	5240	20.16	0.5	Pass	
harris	a	5260	20.05	0.5	Pass	
A1414	a	5320	19.13	0.5	Pass	-
	a	5500	19.57	0.5	Pass	2
X	а	5700	19.85	0.5	Pass	
	n20	5180	20.10	0.5	Pass	
AURTAN	n20	5240	20.81	0.5	Pass	2
CULTURE	n20	5260	21.13	0.5	Pass	
	n20	5320	20.80	0.5	Pass	
	n20	5500	21.39	0.5	Pass	
	n20	5700	20.77	0.5	Pass	
AVIE 1	n40	5190	39.59	0.5	Pass	_
	n40	5230	39.35	0.5	Pass	
X	n40	5270	39.44	0.5	Pass	
	n40	5310	40.01	0.5	Pass	
ATTEND	n40	5510	39.69	0.5	Pass	3
ZUPIAN	n40	5670	40.21	0.5	Pass	
	ac20	5180	19.87	0.5	Pass	
X	ac20	5240	20.62	0.5	Pass	
	ac20	5260	20.60	0.5	Pass	
AWSI	ac20	5320	21.22	0.5	Pass	
	ac20	5500	20.88	0.5	Pass	
X	ac20	5700	20.03	0.5	Pass	
\wedge	ac40	5190	39.53	0.5	Pass	
ATT A LA	ac40	5230	40.05	0.5	Pass	3
	ac40	5270	40.35	0.5	Pass	-
	ac40	5310	40.02	0.5	Pass	
X	ac40	5510	40.00	0.5 📈	Pass	
	ac40	5670	40.13	0.5	Pass	
Solucitori & Test	ac80	5210 577	79.67	0.5 11/5/77	Pass	
Allicano	vac80	5290	79.60	0.5	Pass	7
S	ac80	5530	79.34	0.5	Pass	
A mara	ac80	5610	79.40	0.5	Pass	
Vojus WSCT	ax20	5180	21.43	0.5	Pass	de la
	181		ZIFIGA	ANATAN	Z1674	

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For Question

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					PL	ease Contact with WSCT
	ax20	5240	20.82	0.5	Pass	www.wsct-cert.com
-	ax20	5260	20.73	0.5	Pass	
A:14	ax20	5320	20.76	0,5	Pass	AVISIAN
	ax20	5500	21.21	0.5	Pass	
	ax20	5700	20.50	0.5	Pass	
	ax40	5190	39.25	0.5	Pass	
	ax40	5230	39.35	0.5	Pass	
1	ax40	5270	39.41	0.5	Pass	
	ax40	5310	39.26	0.5	Pass	
	ax40	5510	39.11	0.5	Pass	
	ax40	5670	39.09	0.5	Pass	
14/514	ax80	5210	79.94	0.5	Pass	AWSTITA
	ax80	5290	79.79	0.5	Pass	
	ax80	5530	79.79	0.5	Pass	
	ax80	5610	80.07	0.5	Pass	
	ax160	5250	161.2	0.5	Pass	
1	ax160	5570	161.2	0.5	Pass	

Contincation & Test

WSET

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Vab	Banan	IMUI				
	Mode	Frequency	-6 dB Bandwidth	Limit -6 dB Bandwidth	Verdict	\sim
R		(MHz)	(MHz)	(MHz)		1501
	а	5745	15.05	0.5	Pass	
\sim	а	5825	15.33	0.5	Pass	
\wedge	n20	5745	14.41	0.5	Pass]
	n20	5825	16.31	0.5	Pass]
WSET	n40	5755	35.08	0.5	Pass	
	n40	5795	35.11	0.5	Pass	
	ac20	5745 🛛 📉	16.51	0.5	Pass	X
	ac20	5825	13.81	0.5	Pass	
1	ac40	5755	35.07	0.5	Pass	15En
	ac40	5795	35.02	0.5	Pass	FLA
\sim	ac80	5775	75.70	0.5	Pass	
	ax20	5745	15.18	0.5	Pass	
	ax20	5825	16.34	0.5	Pass	
WSET	ax40	5755	34.06	0.5	Pass	
	ax40	5795	35.05	0.5	Pass	
	ax80	5775	77.64	0.5	Pass	X
	1					





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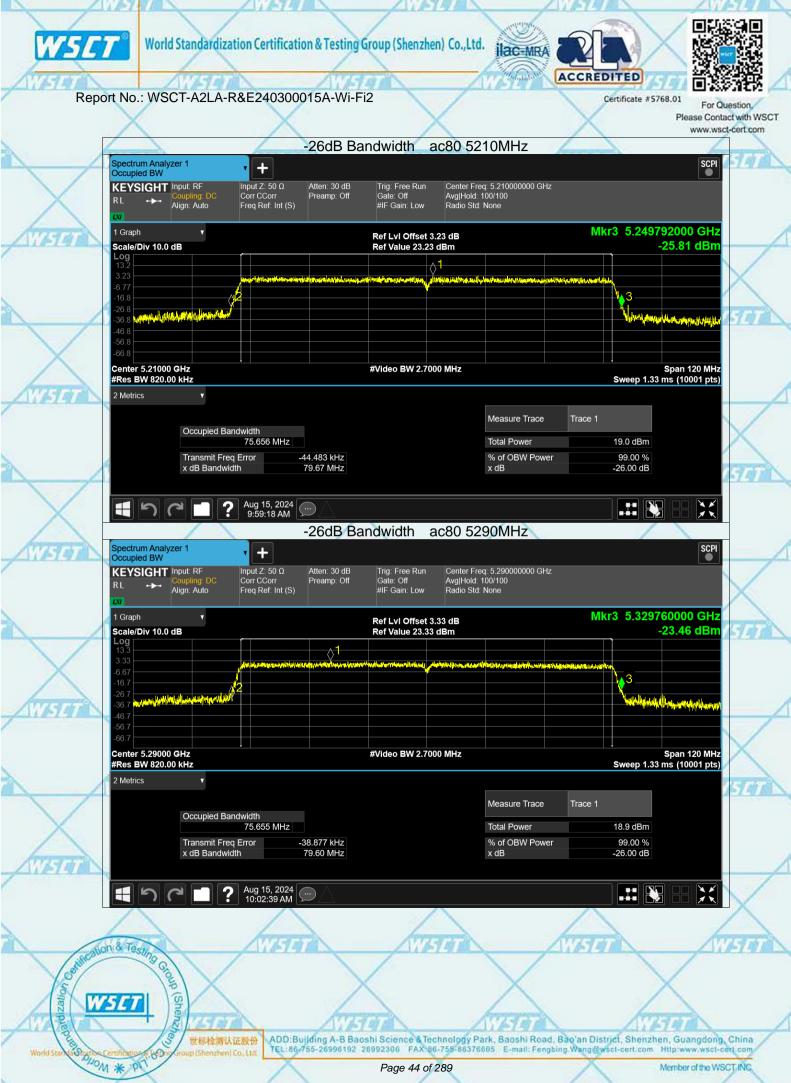
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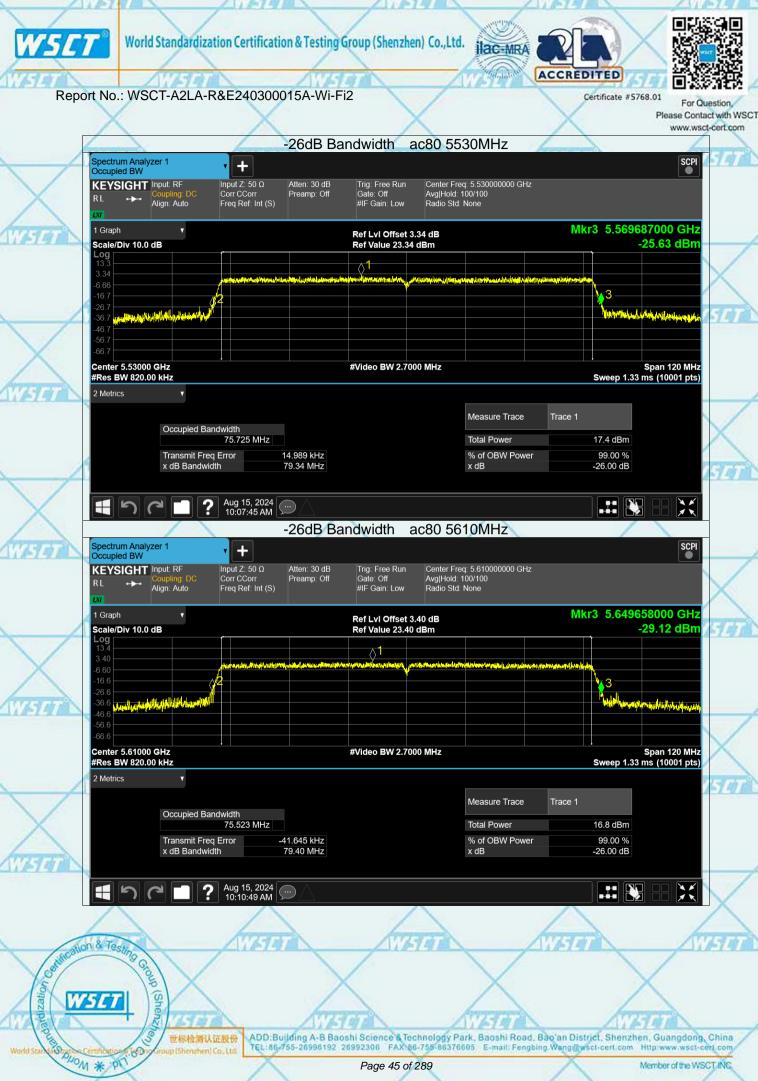
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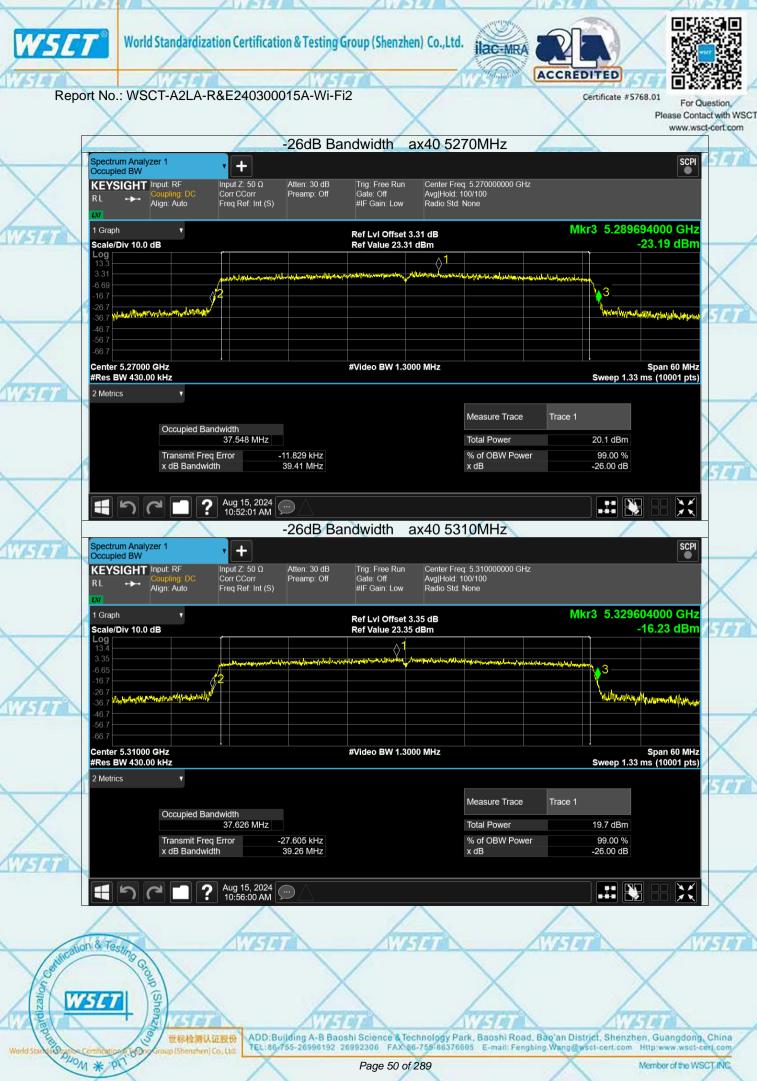
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