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TEST REPORT

FCC ID: 2AJMN-A667LP

Product: Mobile Phone

Model No.: A667LP

Trade Mark: itel

Report No.: WSCT-A2LA-R&E240200007A-Wi-Fi

Issued Date: 12 March 2024

Issued for:

ITEL MOBILE LIMITED W/5/4

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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TABLE OF CONTENTS

Certificate #5768.01

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	-/-	T-170	
\	/	Test Certification	3
X	2.	Test Result Summary	4
V5E	3.	EUT Description	5
	4.	Genera Information	7
		4.1. TEST ENVIRONMENT AND MODE	.7
	/	4.2. DESCRIPTION OF SUPPORT UNITS	. 8
	5.	Facilities and Accreditations	9
X		5.1. FACILITIES	. 9
75/		5.2. ACCREDITATIONS	. 9
		5.3 MEASUREMENT UNCERTAINTY	10
		5.4 MEASUREMENT INSTRUMENTS	11
	6.	Test Results and Measurement Data1	2
	1	6.1. ANTENNA REQUIREMENT	12
X		6.2. CONDUCTED EMISSION	13
172-	1	6.3. EMISSION BANDWIDTH	23
LP 15		6.4. Power Spectral Density	30
		6.5. CONDUCTED BAND EDGE AND SPURIOUS EMISSION MEASUREMENT	37
		6.6. RADIATED SPURIOUS EMISSION MEASUREMENT	47
	1	AVATARIA AVATARIA AVATARIA AVATARIA	17.6



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Test Certification

Product: Mobile Phone

Model No.: A667LP

Trade Mark:

Applicant: ITEL MOBILE LIMITED

FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 Address:

SHAN MEI STREET FOTAN NT HONGKONG

Manufacturer: ITEL MOBILE LIMITED

FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 Address:

SHAN MEI STREET FOTAN NT HONGKONG

06 February 2024 ~ 11 March 2024 Date of Test:

Applicable Standards:

FCC CFR Title 47 Part 15 Subpart C Section 15.247

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.

Tested By:

(Wang Xiang)

Checked By:

(Mo Peiyun)

Approved By:

Date:

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(Liu Fuxin)

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2. Test Result Summary

-4			And A A T. J. Million and A St. Company
	Requirement	CFR 47 Section	Result
0	Antenna requirement	§15.203/§15.247 (c)	PASS
	AC Power Line Conducted Emission	§15.207	PASS
	Conducted Peak Output Power	§15.247 (b)(3) §2.1046	PASS
1	6dB Emission Bandwidth	§15.247 (a)(2) §2.1049	PASS
	Power Spectral Density	§15.247 (e)	PASS
7	Band Edge	1§5.247(d) §2.1051, §2.1057	PASS
6	Spurious Emission	§15.205/§15.209 §2.1053, §2.1057	PASS

Note:

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

WSET GOUNG COMPOSITION (GOUNG Sheruthen) Co. LES

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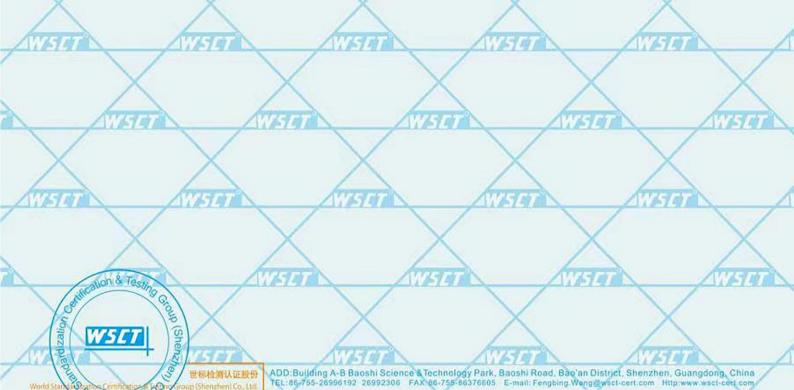
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3. **EUT Description**

Product:	Mobile Phone	7.7
Model No.:	A667LP	
Trade Mark:	itel WATER	
Operation Frequency:	2412MHz~2462MHz (802.11b/g/n(HT20))	
Channel Separation:	5MHz	
Modulation type:	DSSS (DBPSK, DQPSK, CCK) for IEEE 802.11b OFDM(BPSK,QPSK,16QAM,64QAM,256QAM) for IEEE 802.11g/n	12.1
Antenna Type:	Integral Antenna	
Antenna Gain	0.32dBi	
Power supply:	Li-ion Battery: BL-49NI Rated Voltage: 3.85V Rated Capacity: 4900mAh/18.86Wh Limited Capacity: 5000mAh/19.25Wh Limited Charge Voltage: 4.4V	X 737
Adapter:	Adapter: U100ISB Input: 100-240V~50/60Hz 0.3A Output: 5.0V2.0A	$\overline{}$
Remark:	N/A.	12.4





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(Operation	n Frequency	each of	channel Fo	r 802.11	b/g/n(HT20)	
	Channal	Fraguena	Channal	Fraguenay	Channal	Fraguena	

						<u> </u>		
	Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
7	21/14/	2412MHz	4	2427MHz	7	2442MHz	10	2457MHz
	2	2417MHz	5	2432MHz	8	2447MHz	11	2462MHz
	3	2422MHz	6	2437MHz	9	2452MHz		

Note:

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

802.11b/g/n (HT20)

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

WETTER	VISTA /	WSTT	WSIT	117570

11/2/4/1	175	AV159 3 18	AVA-14 m	AVETER
			/	/

AWSET	AV/5/07	11674	AW5147	AW5/07

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		/		1		/		

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Genera Information

4.1. Test environment and mode

Operating Environment:	
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 1.5	m above 1GHz) above the ground plane of 3m

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.

We have verified the construction and function in typical operation. All the test modes were carried out with the EUT in transmitting operation, which was shown in this test report and defined as follows:

Per-scan all kind of data rate in lowest channel, and found the follow list which it was worst case.

Mode

802.11b

802.11g

802.11n(H20)

Final Test Mode:

Operation mode: Keep the EUT in continuous transmitting with modulation

1. For WIFI function, the engineering test program was provided and enabled to make EUT continuous transmit/receive.2. According to ANSI C63.10 standards, the test results are both the "worst case" and "worst setup" 1Mbps for 802.11b, 6Mbps for 802.11g, 6.5Mbps for 802.11n(H20). Duty cycle setting during the transmission is 98.5% with maximum power setting for all modulations.



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4.2. Description of Support Units

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Equipment	Model No.	Serial No.	FCC ID	Trade Name
Adapter	Adapter	/ X	1	ADAPTER

Note:

- 1. All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.
- 2. Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.
- 3. For conducted measurements (Output Power, 6dB Emission Bandwidth, Power Spectral Density, Spurious Emissions), the antenna of EUT is connected to the test equipment via temporary antenna connector, the antenna connector is soldered on the antenna port of EUT, and the temporary antenna connector is listed in the Test Instruments

Test Instruments.	W/5787	7757 gr	Wasan	WEST
WESTER		741	1514 AV	501
WETAT	WEIGH	WEIGH	WHI	WE THE
WSI	IW	707	6519 AV	510
NISIE	WATER	WSI	VI-7-11	11/5/197
Wester		797	27.9	6797
aton & Texa	NATE OF THE PARTY	WEIGH	N/SI47	Water
World Stain and Spino Centrication & Port Strong (Shenzher	The second secon	and the second s		274
World Stain a State Commontation (49 or strong (Shenzher	ADD:Building A-B B TEL:86/755-26996192	eoshi Science & Technology Park, 2 26992306 FAX-86-755-86376605	Baoshi Road, Bao'an District, Shenz E-mail: Fengbing Wang@wscl-cert.com	then, Guangdong, China Http://www.wsct-com/com/ Member of the WSCT INC









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Facilities and Accreditations

5.1. 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 32. All receiving equipment conforms to CISPR Publication 16-1, "Radio Interference Measuring Apparatus and Measurement Methods."

5.2. ACCREDITATIONS

CNAS - Registration Number: L3732

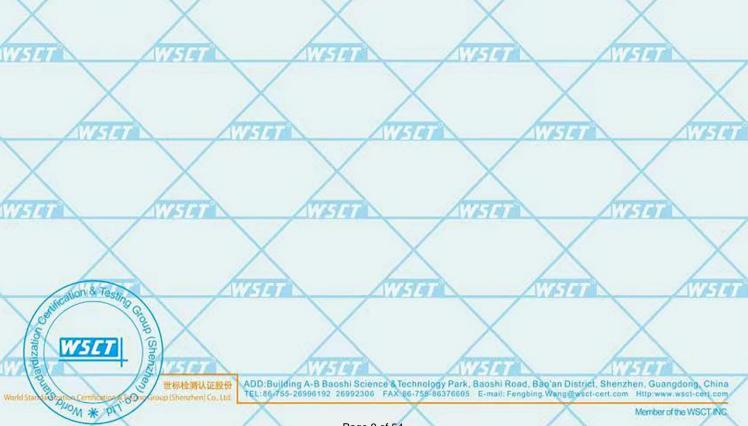
China National Accreditation Service for Conformity Assessment, The test firm Registration Number: L3732

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

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











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5.3. Measurement Uncertainty

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

	00		
/	No.	Item	MU
	1	Conducted Emission Test	±3.2dB
	2	RF power, conducted	±0.16dB
7	31/5/4	Spurious emissions, conducted ////////////////////////////////////	±0.21dB
	4	All emissions, radiated(<1GHz)	±4.7dB
/	5	All emissions, radiated(>1GHz)	±4.7dB
	6	Temperature	±0.5°C
	7 X	Humidity	±2.0%

WETGE	WSI	WSW	Wister	1172	
	100	X	NEI II	NV-14	177-14
WEIGH	Wister	WETH	W-5191	AVZ	19.0
NV.		F19.0	75191	NVSI 01	Wiston
AVEID	WATER	NVET HE	NV-14	AVZ	700
ation 8.9	Testion M	K-19 A	74514	NVS14	NV-5147
W5L	Testing God Sharp Story (Shenzhen) Co. Ltd.	N/F10 A	NVE 19 A		100
World Star Na Start Cormica	世际检测从证股份 (Shenzhen) Co., Ltd.	ADD:Building A-B Baoshi Science TEL:86-755-26996192 26992306 F	& Technology Park, Baoshi Road AX-86-755-86376605 E-mail: Feng		en, Guangdong, China Http://www.wsct-com/ Member of the WSCT INC

Page 10 of 54









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5.4.MEASUREMENT INSTRUMENTS

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						WWW.Was	7
	NAME OF EQUIPMENT	MANUFACTURER	MODEL	SERIAL NUMBER	Calibration Date	Calibrati on Due.	7
1	Test software		EZ-EMC	CON-03A	-	\ \ -	
)	Test software		MTS8310		- 2		
4	EMI Test Receiver	R&S	ESCI	100005	11/05/2023	11/04/2024	
	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	É
	Coaxial cable	Megalon	LMR400	N/A	11/05/2023	11/04/2024	
7	GPIB cable	Megalon	GPIB	N/A	11/05/2023	11/04/2024	
	Spectrum Analyzer	R&S	FSU	100114	11/05/2023	11/04/2024	\
	Pre Amplifier	H.P.	HP8447E	2945A02715	11/05/2023	11/04/2024	
	Pre-Amplifier	CDSI	PAP-1G18-38	7 -	11/05/2023	11/04/2024	7
/	Bi-log Antenna	SCHWARZBECK	VULB9168	01488	2023-07-29	2024-07-28	
1	9*6*6 Anechoic		<u> </u>		11/05/2023	11/04/2024	
g	Horn Antenna	COMPLIANCE ENGINEERING	CE18000	1494	11/05/2023	11/04/2024	-
	Horn Antenna	SCHWARZBECK	BBHA9120D	9120D-631	11/05/2023	11/04/2024	1
	Cable	TIME MICROWAVE	LMR-400	N-TYPE04	11/05/2023	11/04/2024	_
	System-Controller	ccs	N/A	N/A	N.C.R	N.C.R	ě
1	Turn Table	ccs	N/A	N/A	N.C.R	N.C.R	
	Antenna Tower	ccs	N/A	N/A	N.C.R	N.C.R	
4	RF cable	Murata	MXHQ87WA3000	100000	11/05/2023	11/04/2024	
	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	E.
<	Power sensor	Anritsu	MX248XD	X	11/05/2023	11/04/2024	
7	Spectrum Analyzer	Keysight	N9010B	MY60241089	11/05/2023	11/04/2024	
	and the second s						



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5. Test Results and Measurement Data

6.1. Antenna requirement

Standard requirement:

FCC Part15 C Section 15.203 /247(c)

15.203 requirement:

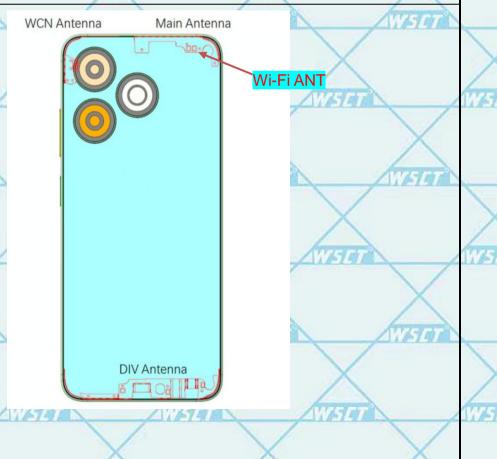
An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

15.247(c) (1)(i) requirement:

(i) Systems operating in the 2400-2483.5 MHz band that is used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6dBi.

E.U.T Antenna:

The WiFi antenna is a Integral Antenna. it meets the standards, and the best case gain of the antenna is 0.32dBi.



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6.2. Conducted Emission

6.

.2.1. Test Specification			
Test Requirement:	FCC Part15 C Section	15.207	
Test Method:	ANSI C63.10:2014	SVETO	11619
Frequency Range:	150 kHz to 30 MHz		×
Receiver setup:	RBW=9 kHz, VBW=30	kHz, Sweep time	=auto
Limits:	Frequency range (MHz) 0.15-0.5 0.5-5 5-30	Limit (Quasi-peak 66 to 56* 56 60	dBuV) Average 56 to 46* 46 50
	Referenc	e Plane	
Test Setup:	E.U.T AC power	80cm LISN Filter	— AC power
AVETO AVE	Remark: E.U.T: Equipment Under Test LISN: Line Impedence Stabilization N Test table height=0.8m		4
Test Mode:	Charging + transmittin		
Wister	1. The E.U.T is conne line impedance sta provides a 50ohm/s measuring equipme	bilization network 50uH coupling im	(L.I.S.N.). This
Test Procedure:	power through a L coupling impedance refer to the block photographs).	SN that provides with 50ohm tern diagram of the	s a 50ohm/50uH nination. (Please test setup and
alion & Testino	3. Both sides of A.C. conducted interfered emission, the relative the interface cables ANSI C63.10: 2014	nce. In order to fince positions of equals must be change	nd the maximum ipment and all of led according to
Test Result:	PASS	X	
777-7-1 101			

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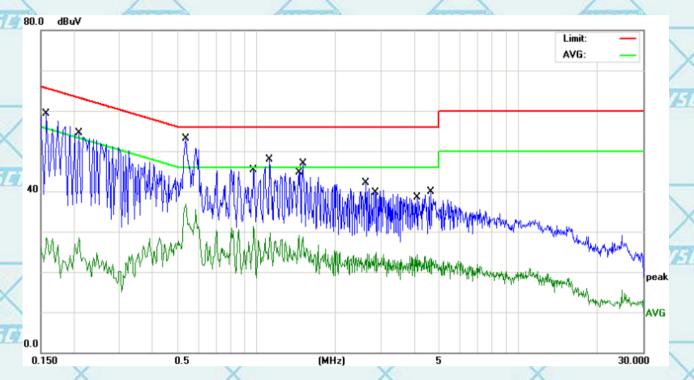
6.2.2. Test data

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Please refer to following diagram for individual

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



	No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
			MHz	dBuV	dB	dBuV	dBuV	dB	Detector
7	1		0.1580	48.85	10.45	59.30	65.56	-6.26	QP
j	2		0.2100	18.00	10.45	28.45	53.20	-24.75	AVG
7	3	*	0.5380	42.48	10.52	53.00	56.00	-3.00	QP
	4		0.5380	26.45	10.52	36.97	46.00	-9.03	AVG
	5		0.9740	20.72	10.55	31.27	46.00	-14.73	AVG
	6		1.1180	37.40	10.57	47.97	56.00	-8.03	QP
	7		1.4540	18.54	10.62	29.16	46.00	-16.84	AVG
Š	8		1.5060	36.21	10.63	46.84	56.00	-9.16	QP
	9		2.6099	31.36	10.72	42.08	56.00	-13.92	QP
/	10		2.8580	14.13	10.72	24.85	46.00	-21.15	AVG
	11		4.1220	13.54	10.73	24.27	46.00	-21.73	AVG
	12		4.6460	29.06	10.74	39.80	56.00	-16.20	QP



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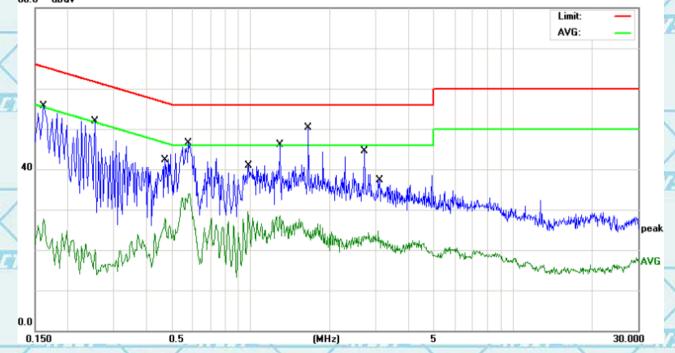




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Conducted Emission on Neutral Terminal of the power line (150 kHz to 30MHz) Please Contact with WSCT



	No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
j			MHz	dBuV	dB	dBuV	dBuV	dB	Detector
_	1		0.1620	45.29	10.45	55.74	65.36	-9.62	QP
	2		0.1620	17.35	10.45	27.80	55.36	-27.56	AVG
	3		0.2540	41.53	10.46	51.99	61.62	-9.63	QP
	4		0.4700	17.38	10.51	27.89	46.51	-18.62	AVG
	5		0.5780	36.07	10.52	46.59	56.00	-9.41	QP
	6		0.5820	23.46	10.52	33.98	46.00	-12.02	AVG
,	7		0.9780	19.04	10.55	29.59	46.00	-16.41	AVG
	8		1.2900	35.43	10.60	46.03	56.00	-9.97	QP
	9		1.2900	17.91	10.60	28.51	46.00	-17.49	AVG
	10	*	1.6580	39.57	10.66	50.23	56.00	-5.77	QP
	11		2.7100	33.82	10.72	44.54	56.00	-11.46	QP
	12		3.0620	13.97	10.72	24.69	46.00	-21.31	AVG

Note:

Freq. = Emission frequency in MHz

Reading level $(dB\mu V)$ = Receiver reading

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

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

Limit (dBµV) = Limit stated in standard

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

Q.P. =Quasi-Peak AVG =average

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

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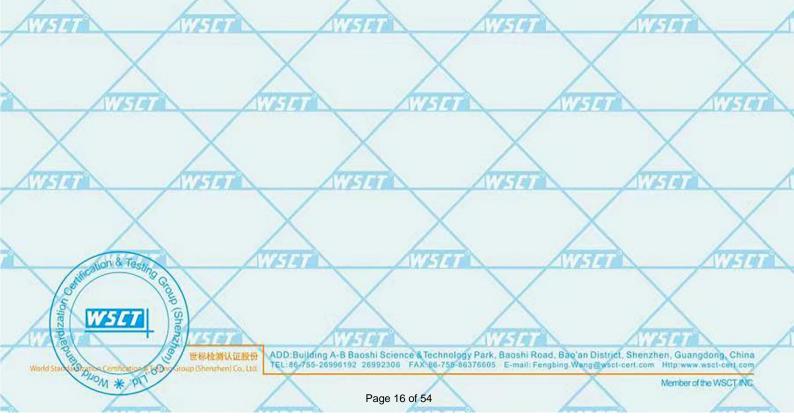
6.2.3. Maximum Conducted (Average) Output Power

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6.2.4. Test Specification

	14 B	10171
Test	Requirement:	FCC Part15 C Section 15.247 (b)(3)
Test	Method:	KDB 558074
Limit	:	30dBm
Test	Setup:	Spectrum Analyzer EUT
Test	Mode:	Transmitting mode with modulation
Test	Procedure:	 The testing follows the Measurement Procedure of FCC KDB No. 558074 DTS D01 Meas. Guidance v04. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement. Set to the maximum power setting and enable the EUT transmit continuously. Measure the conducted output power and record the results in the test report.
Test	Result:	PASS









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6.2.5. Test Data		\times			X		Please Contact with WSCT www.wsct-cert.com
WATER		14/4/	11414		11/1-74		N/FI 41
	Mode	Frequency	Total	Limit	Verdict	1	/
X		(MHz)	Power	(dBm)			
		0.140	(dBm)	00	D		
AVISTA	b	2412	16.38	30	Pass	AVE	144
	b	2437 2462	13.24 17.12	30 30	Pass Pass		
X		2412	18.84	30	Pass		X
	g g	2437	16.2	30	Pass	_	
WHITE	g	2462	19.34	30	Pass		AVZ TO A
	n20	2412	17.82	30	Pass	1	/
	n20	2437	15.04	30	Pass	2	
h	n20	2462	18.32	30	Pass	har	
AVESTEE	79	/ III	44	11574		ATT	144
WETER TO	1	1/5/11	177-14		17474	-	WATER
1619	-	The Lates	11819		110-19		- CIFIARS
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	X	<i></i>		X			X
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100	X			X			X
The Waster State of the State o			1			/	1
1 2	SET	1777		1569		177	744

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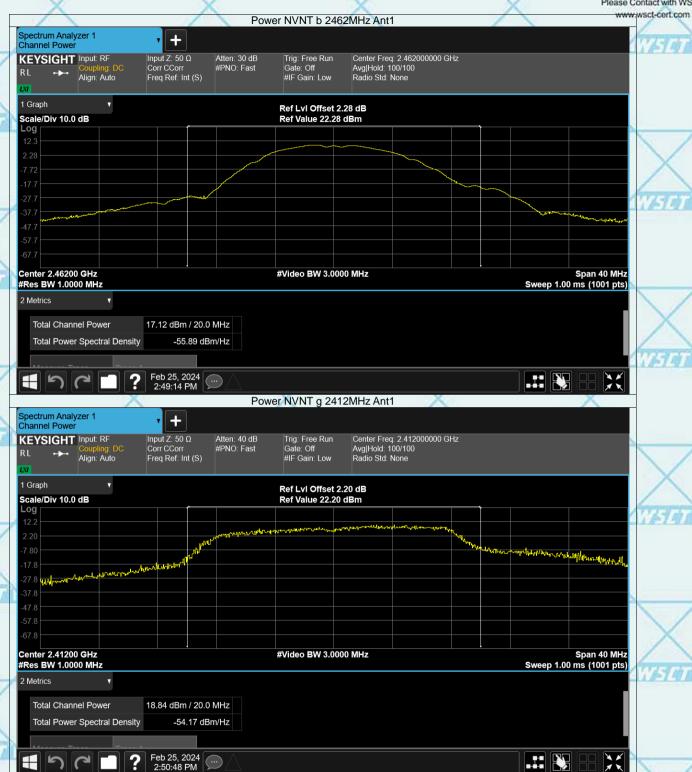
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Certificate #5768.01 For Question. Please Contact with WSCT www.wsct-cert.com Power NVNT n20 2412MHz Ant1 Spectrum Analyzer 1 Channel Power Input Z: 50 Ω Atten: 40 dB Trig: Free Run Center Freq: 2.412000000 GHz KEYSIGHT Input: RF Corr CCorr Freq Ref: Int (S) #PNO: Fast Gate: Off #IF Gain: Low Avg|Hold: 100/100 Radio Std: None Align: Auto 1 Graph Ref Lvi Offset 2.20 dB Ref Value 22.20 dBm Scale/Div 10.0 dB r-tr-enruthorpharphragen of akalaakaguda udjaknydiandianen halphyddan ar annan falan Center 2.41200 GHz #Video BW 3.0000 MHz #Res BW 1.0000 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Total Channel Power 17.82 dBm / 20.0 MHz Total Power Spectral Density -55.19 dBm/Hz Feb 25, 2024 2:57:01 PM Power NVNT n20 2437MHz Ant1 Spectrum Analyzer 1 Channel Power + Atten: 40 dB #PNO: Fast KEYSIGHT Input: RF Input Z: 50 Ω Trig: Free Run Center Freq: 2.437000000 GHz Corr CCorr Freq Ref: Int (S) Gate: Off #IF Gain: Low Avg|Hold: 100/100 Radio Std: None Align: Auto 1 Graph Ref Lvi Offset 2.22 dB Ref Value 22.22 dBm Scale/Div 10.0 dB -27.8 ph. 14th mill high half fill miles we disher ye property Center 2.43700 GHz #Video BW 3.0000 MHz Span 40 MHz #Res BW 1.0000 MHz Sweep 1.00 ms (1001 pts) 2 Metrics Total Channel Power 15.04 dBm / 20.0 MHz -57.97 dBm/Hz



Total Power Spectral Density

Feb 25, 2024

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







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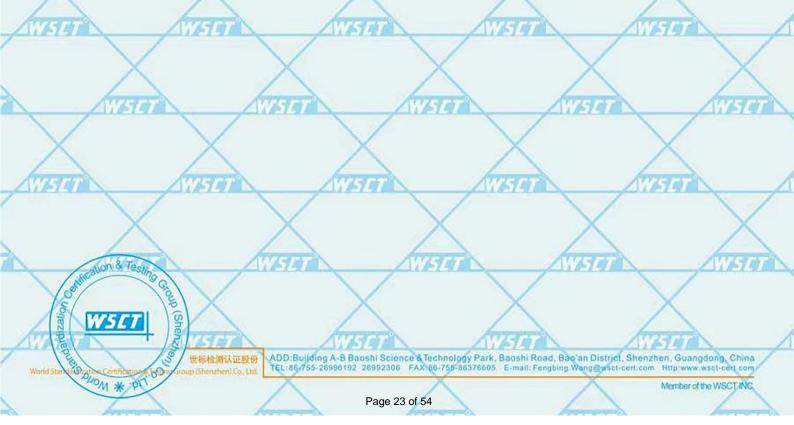
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6.3. Emission Bandwidth

6.3.1. Test Specification

	Test Requirement:	FCC Part15 C Section 15.247 (a	a)(2)
	Test Method:	KDB 558074	17619
	Limit:	>500kHz	X
7	Test Setup:	Spectrum Analyzer	EUT
	Test Mode:	Transmitting mode with modulat	ion WSET
	Test Procedure:	 The testing follows FCC KDB DTS D01 Meas. Guidance v0 Set to the maximum power se EUT transmit continuously. Make the measurement with tresolution bandwidth (RBW) Video bandwidth (VBW) = 30 an accurate measurement. The greater than 500 kHz. Measure and record the resultance with the second se	otting and enable the che spectrum analyzer's = 100 kHz. Set the okHz. In order to make the 6dB bandwidth must
	Test Result:	PASS	









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6.3.2. Test data(worst)

Mode Frequency		-6 dB Bandwidth	Limit -6 dB	Verdict
	(MHz)	(MHz)	Bandwidth (MHz)	
b	2412	8.105	0.5	Pass
b /	2437	8.542	0.5	Pass
b	2462	7.567	0.5	Pass
g	2412	15.646	0.5	Pass
g	2437	15.743	0.5	Pass
g	2462	15.099	0.5	Pass
n20	2412	15.033	0.5	Pass
n20	2437	16.374	0.5	Pass
n20	2462	15.123	0.5	Pass

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NV	NV51	WS	T W	79	1/5/197
	WEIGH	WSI	Wester	Wister	WETGE
107	THE WEST	WES	T W	79	150
	ston & Text	V/6141	WETER	NVSI41	VI-141
	WSET OF STAND CONTROL OF STAND	77.63		5191	V25/41
World:	世版物 Starking to Certification (の内y group (Shenz	ADD:Building A-B Bao: TEL:86-755-26996192 2	shi Science & Technology Park, B 6992306 FAX 86-755-86376605	aoshi Road, Bao'an District, She E-mail: Fengbing Wang@wscl-cert.co	nzhen, Guangdong, China om Http://www.wsct-con.com Member of the WSCT-INC

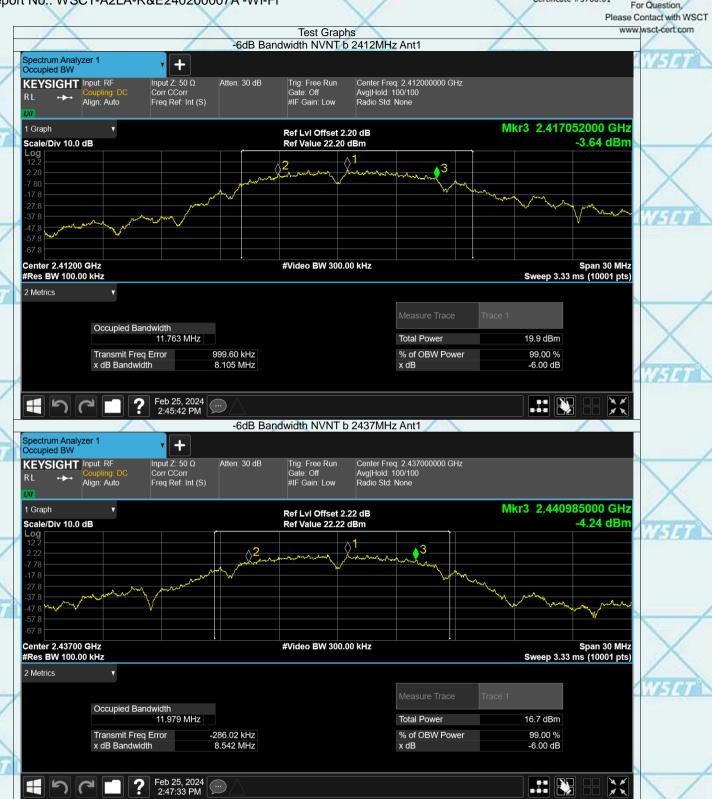
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Certificate #5768.01 For Question. Please Contact with WSCT www.wsct-cert.com -6dB Bandwidth NVNT b 2462MHz Ant1 Spectrum Analyzer 1 Occupied BW KEYSIGHT Input: RF Input Z: 50 Ω Trig: Free Run Center Freq: 2.462000000 GHz Corr CCorr Freq Ref: Int (S) Gate: Off #IF Gain: Low Avg|Hold: 100/100 Radio Std: None Align: Auto Mkr3 2.466289000 GHz 1 Graph Ref Lvi Offset 2.28 dB Ref Value 22.28 dBm -4.90 dBm Scale/Div 10.0 dB Center 2.46200 GHz #Video BW 300.00 kHz Span 30 MHz #Res BW 100.00 kHz Sweep 3.33 ms (10001 pts) 2 Metrics Occupied Bandwidth 11.555 MHz Total Power 20.6 dBm Transmit Freq Error 505.86 kHz % of OBW Power 99.00 % x dB Bandwidth 7.567 MHz -6.00 dB Feb 25, 2024 2:49:22 PM -6dB Bandwidth NVNT g 2412MHz Ant1 + KEYSIGHT Input: RF Input Z: 50 Ω Trig: Free Run Center Freq: 2.412000000 GHz Corr CCorr Freq Ref: Int (S) Gate: Off #IF Gain: Low Avg|Hold: 100/100 Radio Std: None Align: Auto Mkr3 2.421081000 GHz 1 Graph Ref Lvi Offset 2.20 dB Ref Value 22.20 dBm -16.51 dBm Scale/Div 10.0 dB 3 and for hour property and the sepantic for the sepantic f Center 2.41200 GHz #Video BW 300.00 kHz Span 30 MHz Sweep 3.33 ms (10001 pts) 2 Metrics Occupied Bandwidth 18.712 MHz Total Power 18.2 dBm Transmit Freq Error 1.2578 MHz % of OBW Power 99.00 % x dB Bandwidth -6.00 dB



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Certificate #5768.01 For Question. Please Contact with WSCT www.wsct-cert.com -6dB Bandwidth NVNT g 2437MHz Ant1 Spectrum Analyzer 1 Occupied BW Input Z: 50 Ω Trig: Free Run Center Freq: 2.437000000 GHz KEYSIGHT Input: RF Corr CCorr Freq Ref: Int (S) Gate: Off #IF Gain: Low Avg|Hold: 100/100 Radio Std: None Align: Auto Mkr3 2.444817000 GHz 1 Graph Ref Lvi Offset 2.22 dB Ref Value 22.22 dBm -8.56 dBm Scale/Div 10.0 dB Center 2.43700 GHz #Video BW 300.00 kHz Span 30 MHz #Res BW 100.00 kHz Sweep 3.33 ms (10001 pts) 2 Metrics Occupied Bandwidth 16.515 MHz Total Power 15.4 dBm Transmit Freq Error -54.422 kHz % of OBW Power 99.00 % x dB Bandwidth -6.00 dB Feb 25, 2024 2:52:51 PM -6dB Bandwidth NVNT g 2462MHz Ant1 + KEYSIGHT Input: RF Input Z: 50 Ω Trig: Free Run Center Freq: 2.462000000 GHz Corr CCorr Freq Ref: Int (S) Gate: Off #IF Gain: Low Avg|Hold: 100/100 Radio Std: None Align: Auto Mkr3 2.469576000 GHz 1 Graph Ref Lvi Offset 2.28 dB Ref Value 22.28 dBm -3.74 dBm Scale/Div 10.0 dB بالبيام وموالي ويسامه والمواجه والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع Center 2.46200 GHz #Video BW 300.00 kHz Span 30 MHz Sweep 3.33 ms (10001 pts) 2 Metrics Occupied Bandwidth 16.449 MHz Total Power 18.6 dBm Transmit Freq Error x dB Bandwidth 26.349 kHz % of OBW Power 99.00 %



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-6.00 dB

15.10 MHz

Feb 25, 2024 2:54:37 PM







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Occupied BW + KEYSIGHT Input: RF Input Z: 50 Ω Trig: Free Run Center Freq: 2.437000000 GHz Corr CCorr Freq Ref: Int (S) Gate: Off #IF Gain: Low Avg|Hold: 100/100 Radio Std: None Align: Auto Mkr3 2.445133000 GHz 1 Graph Ref Lvi Offset 2.22 dB Ref Value 22.22 dBm -9.36 dBm Scale/Div 10.0 dB show hand and a second a second and a second a second and AND THE PROPERTY OF THE PROPER Center 2.43700 GHz #Video BW 300.00 kHz Span 30 MHz Sweep 3.33 ms (10001 pts) 2 Metrics Occupied Bandwidth 17.638 MHz Total Power 14.2 dBm Transmit Freq Error -53.815 kHz % of OBW Power 99.00 % x dB Bandwidth -6.00 dB



Feb 25, 2024 2:58:56 PM

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Report No.: WSCT-A2LA-R&E240200007A -Wi-Fi Certificate #5768.01 For Question Please Contact with WSCT www.wsct-cert.com -6dB Bandwidth NVNT n20 2462MHz Ant1 Spectrum Analyzer 1 Occupied BW Center Freq: 2.462000000 GHz Avg|Hold: 100/100 Radio Std: None Input Z: 50 Ω Trig: Free Run KEYSIGHT Input: RF Corr CCorr Freq Ref: Int (S) Gate: Off #IF Gain: Low Align: Auto Mkr3 2.469569000 GHz 1 Graph Ref Lvi Offset 2.28 dB Ref Value 22.28 dBm -4.10 dBm Scale/Div 10.0 dB parties thereing mank the state of the contraction Markalana Center 2.46200 GHz #Res BW 100.00 kHz #Video BW 300.00 kHz Span 30 MHz Sweep 3.33 ms (10001 pts) 2 Metrics Occupied Bandwidth 17.503 MHz Total Power 17.5 dBm Transmit Freq Error x dB Bandwidth % of OBW Power 99.00 % 7.172 kHz 15.12 MHz -6.00 dB Feb 25, 2024 3:00:43 PM Salitration & Testing (Shenz)

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6.4. Power Spectral Density

6.4.1. Test Specification

Test Requirement:	FCC Part15 C Section 15.247 (e)	X
Test Method:	KDB 558074	WETER
Limit:	The average power spectral density shal than 8dBm in any 3kHz band at any toontinuous transmission.	
Test Setup:	Southern Andrew EUT	
	Spectrum Analyzer	17679
Test Mode:	Transmitting mode with modulation	
Test Procedure:	 The testing follows Measurement Proc Method AVGPSD of FCC KDB Publication No.558074 D01 DTS Meas. Guidance 2. The RF output of EUT was connected analyzer by RF cable and attenuator. was compensated to the results for earneasurement. Set to the maximum power setting and EUT transmit continuously. Make the measurement with the spectaresolution bandwidth (RBW): 3 kHz ≤ kHz. Video bandwidth VBW ≥ 3 x RBW to at least 1.5 times the OBW. Detector = RMS, Sweep time = auto consideration of 100 traces. Use the peak marker fundetermine the maximum power level. Measure and record the results in the testing and analyzer by RF cable and attenuator. 	ation e v04 to the spectrum The path loss ach enable the rum analyzer's RBW ≤ 100 V. Set the span ouple. over a minimum inction to
Test Result:	PASS	
		1



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6.4.2. Test data(worst)

Mode	Frequency (MHz)	Total PSD (dBm/3kHz)	Limit (dBm/3kHz)	Verdict
			(UDIII/3KHZ)	
b	2412	-8.19	8	Pass
b	2437	-11.75	8	Pass
b	2462	-7.87	8	Pass
g	2412	-12.26	8	Pass
g	2437	-15.44	8	Pass
g	2462	-12.19	8	Pass
n20	2412	-13.34	8	Pass
n20	2437	-16.86	8	Pass
n20	2462	-13.14	8	Pass
X				

		g	2462	-12.19	8	Pass		
A	1111111	n20	2412	-13.34	8	Pass		ATTE STATE OF THE PARTY OF THE
	AVST	n20	2437	-16.86	8	Pass		AVATATA
		n20	2462	-13.14	8	Pass		
Amaria		7757	. 1	VSI	WEIGH		WSET	
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	X		X	X		X		X
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WEIRI		V 5-141 A		X	X	VIETA	AVETO	
WEIGHT		1/5/19		X	X	X 151 41	NV-101	13111
NISTET OF		7/5-7-9-6		X	AW-5107	X		775197
WETER		7/55/80		VETTI	AW-5107	N ESTA		
NISTERIO .		7/2-7-0		VETTI	AW-5107	X		

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5.5. Conducted Band Edge and Spurious Emission Measurement

6.5.1. Test Specification

7	5.1. Test Specification		
	Test Requirement:	FCC Part15 C Section 15.247 (d)	
2	Test Method:	KDB558074	
	Limit:	In any 100 kHz bandwidth outside of the authorized frequency band, the emissions which fall in the non-restricted bands shall be attenuated at least 20 dB / 30dB relative to the maximum PSD level in 100 kHz by RF conducted measurement and radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a).	
_	Test Setup:	Spectrum Analyzer EUT	1
	Test Mode:	Transmitting mode with modulation	
	WESTER	 The testing follows FCC KDB Publication No. 558074 D01 DTS Meas. Guidance v04. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement. 	1
	Test Procedure:	 Set to the maximum power setting and enable the EUT transmit continuously. Unwanted Emissions measured in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz when maximum peak conducted output power procedure is used. If the transmitter complies with the conducted 	
	AVISTATI AVISTA	power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB per 15.247(d). 5. Measure and record the results in the test report. 6. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.	North North No.
	Test Result:	PASS	,
/	son & Tage	The Control of the Co	4



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6.5.2. Test Data













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Certificate #5768.01 For Question Please Contact with WSCT www.wsct-cert.com Tx. Spurious NVNT g 2412MHz Ant1 Ref Spectrum Analyzer 1 Swept SA #Avg Type: Power (RMS 1 2 3 4 5 6 Avg|Hold: 100/100 Trig: Free Run Input Z: 50 Ω #Atten: 30 dB KEYSIGHT Input: RF Gate: Off IF Gain: Low Sig Track: Off Corr CCorr Freq Ref: Int (S) M W W W W Align: Auto PNNNNN Mkr1 2.417 001 GHz 1 Spectrum Ref LvI Offset 2.20 dB Ref Level 20.00 dBm 2.55 dBm Scale/Div 10 dB and mary Approved Mayor Angelog Mayor Mayor Center 2.41200 GHz #Video BW 300 kHz Span 30.00 MHz #Res BW 100 kHz Sweep 4.00 ms (30001 pts) Feb 25, 2024 2:51:20 PM Tx. Spurious NVNT g 2412MHz Ant1 Emission + Swept SA KEYSIGHT Input: RF Input Z: 50 Ω #Atten: 30 dB PNO: Fast Corr CCorr Freq Ref: Int (S) M ₩ ₩ ₩ ₩ Align: Auto IF Gain: Low Sig Track: Off Mkr1 2.416 7 GHz 1 Spectrum Ref LvI Offset 2.20 dB Ref Level 20.00 dBm 2.50 dBm Scale/Div 10 dB DL1 -27.45 dB **∆**3 **∆**4 **∆**5 #Video BW 300 kHz Stop 26.50 GHz #Res BW 100 kHz Sweep ~2.53 s (30001 pts) 5 Marker Table Scale Function Width Function Value Mode 2.500 dBm 25.936 2 GHz 4.668 4 GHz 7.154 8 GHz -49.28 dBm -54.08 dBm N -54.71 dBm



5

ADD:Building A-B Baoshi Science & Technology Park, Baoshi Road, Bao'an District, Shenzhen, Guangdong, China TEL:86-755-26996192 26992306 FAX-86-755-86376605 E-mail: Fengbing Wang@wscl-cert.com Http://www.wscl-cert.com

-54.53 dBm

9.824 8 GHz

Feb 25, 2024 2:51:52 PM











Report No.: WSCT-A2LA-R&E240200007A -Wi-Fi Certificate #5768.01 For Question Please Contact with WSCT www.wsct-cert.com Tx. Spurious NVNT g 2437MHz Ant1 Ref Spectrum Analyzer 1 Swept SA #Avg Type: Power (RMS 1 2 3 4 5 6 Avg|Hold: 100/100 Trig: Free Run Input Z: 50 Ω #Atten: 30 dB KEYSIGHT Input: RF Gate: Off IF Gain: Low Sig Track: Off Corr CCorr Freq Ref: Int (S) M W W W W Align: Auto Mkr1 2.430 738 GHz 1 Spectrum Ref LvI Offset 2.22 dB Ref Level 20.00 dBm -0.97 dBm Scale/Div 10 dB Center 2.43700 GHz #Video BW 300 kHz Span 30.00 MHz #Res BW 100 kHz Sweep 4.00 ms (30001 pts) Feb 25, 2024 2:53:07 PM Tx. Spurious NVNT g 2437MHz Ant1 Emission + Swept SA KEYSIGHT Input: RF Input Z: 50 Ω #Atten: 30 dB PNO: Fast Corr CCorr Freq Ref: Int (S) M ₩ ₩ ₩ ₩ Align: Auto IF Gain: Low Sig Track: Off PNNNNN Mkr1 2.430 8 GHz 1 Spectrum Ref LvI Offset 2.22 dB Ref Level 20.00 dBm -1.86 dBm Scale/Div 10 dB DL1 -30.97 dB **∆**5 #Video BW 300 kHz Stop 26.50 GHz #Res BW 100 kHz Sweep ~2.53 s (30001 pts) 5 Marker Table Scale Function Width Function Value Mode -1.862 dBm 26.357 1 GHz 4.941 9 GHz 7.230 7 GHz 9.855 7 GHz -48.29 dBm -54.39 dBm N -54.68 dBm 5 -54.95 dBm



Feb 25, 2024 2:53:39 PM









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Certificate #5768.01 For Question Please Contact with WSCT www.wsct-cert.com Tx. Spurious NVNT n20 2412MHz Ant1 Ref Spectrum Analyzer 1 Swept SA #Avg Type: Power (RMS 1 2 3 4 5 6 Avg|Hold: 100/100 Trig: Free Run Input Z: 50 Ω #Atten: 30 dB KEYSIGHT Input: RF Gate: Off IF Gain: Low Sig Track: Off Corr CCorr Freq Ref: Int (S) M W W W W Align: Auto Mkr1 2.417 001 GHz 1 Spectrum Ref LvI Offset 2.20 dB Ref Level 20.00 dBm 1.42 dBm Scale/Div 10 dB Center 2.41200 GHz #Video BW 300 kHz Span 30.00 MHz #Res BW 100 kHz Sweep 4.00 ms (30001 pts) Feb 25, 2024 2:57:32 PM Tx. Spurious NVNT n20 2412MHz Ant1 Emission + Swept SA #Avg Type: Power (RMS 1 2 3 4 5 6 Avg|Hold: 10/10 Trig: Free Run KEYSIGHT Input: RF Input Z: 50 Ω #Atten: 30 dB PNO: Fast Corr CCorr Freq Ref: Int (S) M ₩ ₩ ₩ ₩ Align: Auto IF Gain: Low Sig Track: Off PNNNNN Mkr1 2.414 1 GHz 1 Spectrum Ref LvI Offset 2.20 dB Ref Level 20.00 dBm 0.11 dBm Scale/Div 10 dB **∂**3 $\Diamond^{\overline{4}}$ **∆**5 #Video BW 300 kHz Stop 26.50 GHz #Res BW 100 kHz Sweep ~2.53 s (30001 pts) 5 Marker Table Scale Function Width Function Value Mode 0.1137 dBm 26.249 4 GHz 4.662 3 GHz 7.236 0 GHz -48.47 dBm -53.73 dBm -55.12 dBm N



Feb 25, 2024 2:58:05 PM

5

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-54.59 dBm









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6.6. Radiated Spurious Emission Measurement

6.	6.1. Test Specification				/					
	Test Requirement:	FCC Part15	C Section	n 15.209	/	\wedge				
ò	Test Method:	ANSI C63.10): 2014	AWST		NISS				
	Frequency Range:	9 kHz to 25 (GHz				1-1			
	Measurement Distance:	3 m								
7	Antenna Polarization:	Horizontal & Vertical								
	Operation mode:	Transmitting mode with modulation								
		Frequency	Detecto	r RBW	VBW	Remark				
	17/474	9kHz- 150kHz	Quasi-pe	ak 200Hz	1kHz	Quasi-peak Va	alue			
	Receiver Setup:	150kHz- 30MHz	Quasi-pe	ak 9kHz	30kHz	Quasi-peak Va	alue			
		30MHz-1GHz	Quasi-pe	ak 100KH	z 300KHz	Quasi-peak Va	alue			
		Above 1GHz	Peak	1MHz		Peak Value	÷			
,	AVES OF AVES OF	ABOVE TOTIZ	Peak	1MHz	10Hz	Average Valu	ue /			
	\times	Frequen	су		Strength	Measurement Distance (meters)				
		0.009-0.4	190	2400/	F(KHz)	300				
	W-5147	0.490-1.7	705	24000	/F(KHz)	30	1.0			
		1.705-3			30	30				
	X	30-88			00	3				
	Limit:	88-216 216-96			50 00	3				
	AVE STATE	Above 9	/ 11 / / N/ m		00	3				
		\ /			/					
/	175791	II Freduency		Field Strength icrovolts/meter) Measure Distant		nce Detecto				
		Above 1GHz		500 5000	3	Averag Peak				
		E			001411					

For radiated emissions below 30MHz

Distance = 3mComputer Pre -Amplifier Turn table Receiver Ground Plane 30MHz to 1GHz

W5E1

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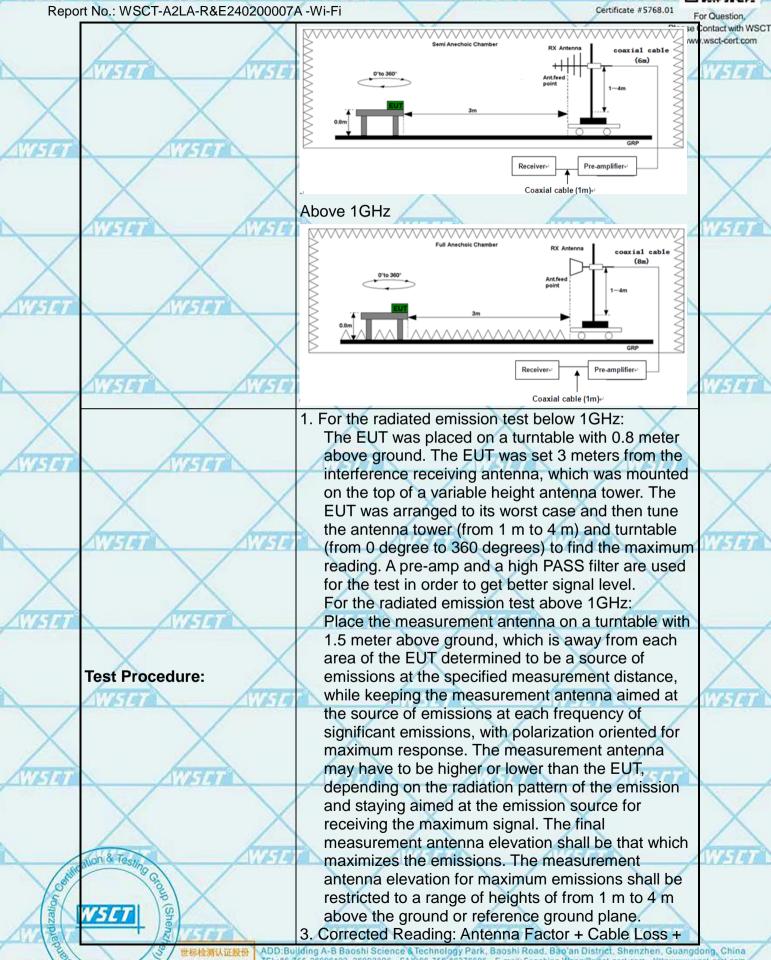
tion & Testino

Test setup:









Page 48 of 54

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Sugar Common (5)

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	X	Read Level - Preamp Factor = Level	ease Contact with WSCT www.wsct-cert.com
A.		4. For measurement below 1GHz, If the emission leve	el /
	116146	of the EUT measured by the peak detector is 3 dB	11/4/4/4
		lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission	
		measurement will be repeated using the quasi-pea	ak
Maria	ATTE DE LA COLONIA DE LA COLON	detector and reported.	
/11F14	11013	5. Use the following spectrum analyzer settings:	
		(1) Span shall wide enough to fully capture the	
No.		emission being measured;	
	WATER	(2) Set RBW=100 kHz for f < 1 GHz; VBW ≥RBW;	
1/		Sweep = auto; Detector function = peak; Trace	=
X	X	max hold;	
		(3) Set RBW = 1 MHz, VBW= 3MHz for f 1 GHz for peak measurement.	
ALFIAN.	1674	For average measurement: VBW = 10 Hz, when	
57		duty cycle is no less than 98 percent. VBW ≥ 1/T,	
		when duty cycle is less than 98 percent where T is	
	Arras Arra	the minimum transmission duration over which the	Accommodate of the contract of
	CIFIC DIF	transmitter is on and is transmitting at its maximum	magazine of the March and the Contract of the
		power control level for the tested mode of operation	
	Test results:	PASS	
	rest results.	PASS	
WEIGH	rest results.	PASS	
WHA	Test results.	THE WEST OF THE PASS	VIETE OF
WEIGH	WETAT NYT	WETER WETER	TI FIFT
WEIGH	WETHE	WETAT WETAT WETAT	X
X	WEIGH	WESTER WESTER WESTER	WEIGH
N'EIT	WESTER WESTER	WETAT WETAT WETAT	WEIGH

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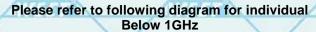




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6.6.2. Test Data(worst)





\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1 *	36.4292	38.37	-12.79	25.58	40.00	-14.42	QP
57	2	54.1422	32.80	-10.23	22.57	40.00	-17.43	QP
	3	111.6890	35.62	-13.17	22.45	43.50	-21.05	QP
	4	183.1202	30.51	-9.75	20.76	43.50	-22.74	QP
	5	479.6856	26.84	-6.43	20.41	46.00	-25.59	QP
	6	957.5343	24.62	3.03	27.65	46.00	-18.35	QP

WEIGH WEIGH

WEIGH WEIGH



17574

AVSIA

AWSET



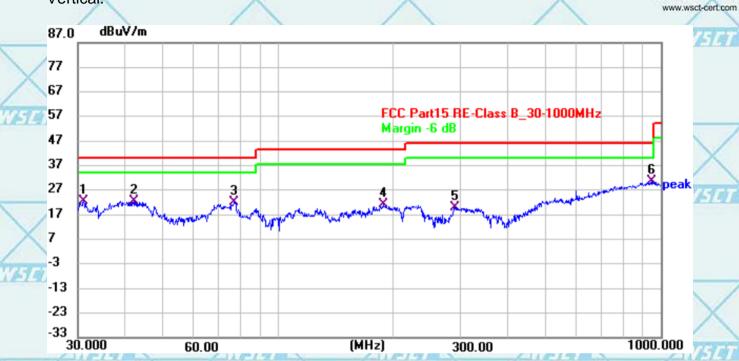






Vertical:

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	No.	Frequency (MHz)	Reading (dBuV)	Factor (dB/m)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	31.0717	36.48	-14.10	22.38	40.00	-17.62	QP
	2	42.0207	32.88	-10.53	22.35	40.00	-17.65	QP
1	3	76.8530	35.13	-13.08	22.05	40.00	-17.95	QP
Ġ	4	188.0980	30.67	-9.61	21.06	43.50	-22.44	QP
	5	289.6581	32.78	-12.81	19.97	46.00	-26.03	QP
	6 *	945.3868	27.62	2.96	30.58	46.00	-15.42	QP

Note: 1. The low frequency, which started from 9KHz~30MHz, was pre-scanned and the result which was 20dB lower than the limit line per 15.31(o) was not reported

2. Measurements were conducted in all three channels (high, middle, low), and the worst case Mode (Middle channel) was submitted only.

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Above 1GHz

80	2.	J	1	b	

ė.	Erog		Low channel: 2412MHz									
	Freq. (MHz)	Ant.Pol	Emission Level(dBuV)		Limit 3m(dBuV/m)		Over(dB)					
	(IVIIIZ)	H/V	PK	AV	PK	AV	PK	AV				
5	4824	/ V	58.76	41.53	74	54	-15.24	-12.47				
	7236	WSVT	58.14	40.77	74	54	-15.86	-13.23				
	4824	Н	59.24	39.71	74	54	-14.76	-14.29				
	7236	Н	59.13	40.13	74	54	-14.87	-13.87				

	Eroc		Middle channel: 2437MHz									
4	Freq. (MHz)	Ant.Pol	Emission I	_evel(dBuV)	Limit 3m	(dBuV/m)	Over(dB)					
	(IVITZ)	H/V	PK	AV	PK	AV	PK	AV				
	4874	V	58.72	41.42	74	54	-15.28	-12.58				
	7311	V	59.35	39.87	74	54	-14.65	-14.13				
1	4874		58.50	40.45	74	54	-15.50	-13.55				
	7311	Τ	59.81	40.81	74	54	-14.19	-13.19				

-	Freq	High channel: 2462MHz								
		Ant.Pol	Emission I	ion Level(dBuV) Limit 3m(dBuV/m)		Over(dB)				
	(IVIIIZ)	H/V	PK	AV	PK	AV	PK	AV		
ĺ	4924	V	59.16	41.14	74	54	-14.84	-12.86		
	7386	V	58.76	40.66	74	54	-15.24	-13.34		
١	4924	WSHT	58.59	39.92	74	54	-15.41	-14.08		
	7386	Н	59.00	40.00	74	54	-15.00	-14.00		

802.11g

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	Freq. (MHz)	Low channel: 2412MHz								
		Ant.Pol	Emission Level(dBuV)		Limit 3m(dBuV/m)		Over(dB)			
	(IVIIIZ)	H/V	PK	AV	PK	AV	PK	AV		
	4824	V	60.33	41.62	74	54	-13.67	-12.38		
	7236	V	58.44	40.25	74	54	-15.56	-13.75		
À.	4824	Treat and all	59.03	40.47	74	54	-14.97	-13.53		
	7236	THE HALL	59.44	40.44	74	54	-14.56	-13.56		

Гиол	Middle channel: 2437MHz								
Freq. (MHz)	Ant.Pol	Emission Level(dBuV)		Limit 3m(dBuV/m)		Over(dB)			
(IVIIIZ)	H/V	PK	AV	PK	AV	PK	AV		
4874	V	59.09	40.26	74	54	-14.91	-13.74		
7311	V	58.38	39.88	74	54	-15.62	-14.12		
4874	F	59.28	40.38	74	54	-14.72	-13.62		
7311	HAH	58.41	39.41	74	54	-15.59	-14.59		

		High channel: 2462MHz							
Eroa			High cha	innei: 246	2MHZ				
Freq. (MHz)	Ant.Pol	Emission I	Emission Level(dBuV)		Limit 3m(dBuV/m)		Over(dB)		
(IVITIZ)	H/V	PK	AV	PK	AV	PK	AV		
4924	V	60.05	39.78	74	54	-13.95	-14.22		
7386 \%	V	58.67	40.73	74	54	-15.33	-13.27		
754924	H	58.86	39.69	74	54	-15.14	-14.31		
7386	MIZHE &	59.80	40.80	74	54	-14.20	-13.20		

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802.11 20n

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	Eroa	Low channel: 2412MHz							
1	Freq. (MHz)	Ant.Pol	Emission I	_evel(dBuV)	Limit 3m	(dBuV/m)	Ove	r(dB)	
	(IVIIIZ)	H/V	PK	AV	PK	AV	PK	AV	
	4824	V	58.66	40.86	74	54	-15.34	-13.14	
	7236	V	58.16	40.67	74	54	-15.84	-13.33	
١	4824	WSTT	59.42	39.55	74	54	-14.58	-14.45	É
	7236	Н	59.45	40.45	74	54	-14.55	-13.55	

							- V			
	Freq. (MHz)	Middle channel: 2437MHz								
1		Ant.Pol	Emission I	_evel(dBuV)	Limit 3m(dBuV/m)		Over(dB)			
		H/V	PK	AV	PK	AV	PK	AV		
	4874	V	59.81	41.96	74	54	-14.19	-12.04		
	7311	V	59.63	40.75	74	54	-14.37	-13.25		
ĺ	4874		58.98	40.63	74	54	-15.02	-13.37		
	7311	TETTE	58.40	39.40	74	54	-15.60	-14.60		

	Freq. (MHz)	High channel: 2462MHz							
-		Ant.Pol	Emission Level(dBuV)		Limit 3m(dBuV/m)		Over(dB)		
		H/V	PK	AV	PK	AV	PK	AV	
ĺ	4924	V/	59.22	39.20	74	54	-14.78	-14.80	
	7386	V	59.29	39.07	74	54	-14.71	-14.93	
	4924	/ H	58.01	39.36	74	54	-15.99	-14.64	
١	7386	WSHT	58.38	39.38	74	54	-15.62	-14.62	

Note:

- All emissions not reported were more than 20dB below the specified limit or in the noise floor.
- Emission Level= Reading Level+ Probe Factor +Cable Loss.

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.











Restricted Bands Requirements

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Test result for 802.11b Mode (the worst case)

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	- / I A 7 47 A		X 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		-/ 1 - 7 - 7 - 7 - 11		111111	4 66
/	Frequency	Reading	Correct Factor	Emission Level	Limit	Margin	Polar	Detector
1	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	H/V	
7		AVSET		Low Cha	nnel	AWST		ATE
	2390	70.00	-8.73	61.27	74	-12.73	Ĥ	PK
	2390	50.43	-8.73	41.70	54	-12.30	нХ	AV
	2390	65.35	-8.73	56.62	74	-17.38	V	PK
	2390	50.79	-8.73	42.06	54	-11.94	V	AV
High Channel								
\	2483.5	69.03	-8.17	60.86	74	-13.14	Н	PK
ý	2483.5	48.38	-8.17	40.21	54	-13.79	H	AV
	2483.5	68.52	-8.17	60.35	74	-13.65	V	PK
	2483.5	47.70	-8.17	39.53	54	-14.47	V	AV

WEIGH WEIGH WEIGH WEIGH WEIGH WEIGH WEIGH WEIGH

*****END OF REPORT****

Page 54 of 54

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