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# TEST REPORT

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FCC ID: 2AXYP-OSW-813N Product: Smart Watch WSCT Model No.: OSW-813N Trade Mark: oraimo Report No.: WSCT-ANAB-R&E241000053A-LE Issued Date: 01 November 2024

Issued for:

ORAIMO TECHNOLOGY LIMITED FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG 7

Issued By:

World Standardization Certification & Testing Group(Shenzhen) Co., Ltd. Building A-B,Baoli'an Industrial Park,No.58 and 60,Tangtou Avenue, Shiyan Street, Bao'an District, Shenzhen, Guangdong, China.

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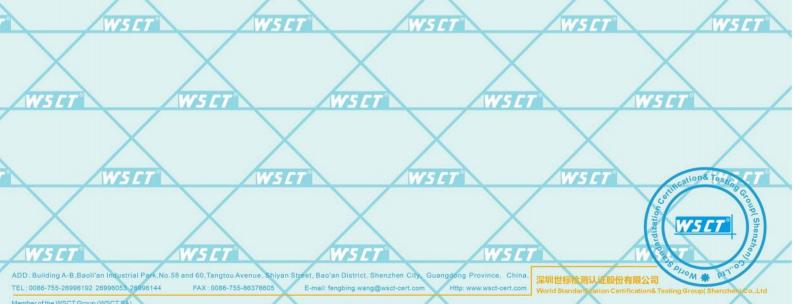
Report No.: WSCT-ANAB-R&E241000053A-LE

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	WSET	WSET	ISET	WSET	WSET		
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W5 Rep	ort No.: WSCT-ANA	B-R&E241000053A-LEWSCT	WSET	"And and a lot of the	Certificate Number: AT-3951		
	1. Test Cer	tification		X	X		
1	Product:	Smart Watch	VSET	WSET	WSET		
X	Model No.:	OSW-813N	X	X			
WSET	Additional W Model:	Coraimo WSCT	WSET	WSE			
	Applicant:	ORAIMO TECHNOLOGY L FLAT N 16/F BLOCK B UN SHAN MEI STREET FOTAI	IVERSAL INDUST		9-25 W5 ET		
wst	Manufacturer	SHAN MEI STREET FOTAL	IVERSAL INDUST	RIAL CENTRE 1	7		
	Date of receipt:		$\checkmark$	V	V		
	Date of Test:	11 October 2024 ~ 31 Octo	ber 2024	$\Delta$	$\triangle$		
	Applicable Standards:	FCC CFR Title 47 Part 15 S KDB 558074 D01 DTS Mea		5.247	WSET		
$\wedge$	The above equi	oment has been tested by W	orld Standardizatio	n Certification &	Testing		
WSCI	Group(Snenznen technical standar	)Co., Ltd. and found complian ds mentioned above. The resu	ilts of testing in this	s report apply only	to the		
	product system,	which was tested. Other simila	r equipment will no	t necessarily produ			
X	same results due	to production tolerance and me WSCT	wsc7	WSET	WSET		
V	- marine	VV	$\vee$		/		
	WSET Tested By: WSET Ying WSET Checked By: SET (: 5/19577						
WSC	Tested By:	VSET WSET	Checked By: 5 CT				
	X	(Wang Xiang)	XI	( Qin Shuiquan)	silication & Testing		
	WSET	WSET	WSET	WSET	S CUSIGA		
V			$\sim$		121		
$\square$	Approved By:	Li Maibi		November 202	14 * ·pi		
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深圳世标检测认证股份有限公司 World Standardization Certification& Testing Group(Shenzhen) Co.,Ltd e, Chir Street, Bao'an District, Shenzhen City. ADD: Building A-B, Baoli'an Industrial Park, No.58 and 60, Tang g Provin TEL:0086-755-26996192 26996053 26996144 FAX:0086-755-8637660 Page 3 of 50

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#### **Test Result Summary** 2.

	harrow harrow			
	Requirement	CFR 47 Section	Result	WSLT
$\sim$	Antenna requirement	§15.203/§15.247 (c)	PASS	
WSET	AC Power Line Conducted Emission	WSCT §15.207 WSCT	NANSET	$\checkmark$
	Maximum conducted output	§15.247 (b)(3) §2.1046	PASS	WSET
WSET	6dB Emission Bandwidth	§15.247 (a)(2) §2.1049	PASS	
	Power Spectral Density	§15.247 (e)	PASS	$\checkmark$
	Band Edge	1§5.247(d) §2.1051, §2.1057	PASS	WSET
WSET	Spurious Emission	§15.205/§15.209 §2.1053, §2.1057	PASS	]
	Note: 1. PASS: Test item meets the require 2. Fail: Test item does not meet the 3. N/A: Test case does not apply to a	requirement.	WSET	WSET
WSET	4. The test result judgment is decide	ed by the limit of test standard.	WSCT	
	$\times$ $\times$	$\langle X \rangle$	X	$\mathbf{X}$
WSET	WSET WSE	T WSET WSET WSET	WSET	W5CT
	WSET WSE	$\langle X \rangle$	$\mathbf{X}$	a testa
WSET	WSET	WSET WSET	WSET	enzhen
	oli'an Industrial Park,No.58 and 60,Tangtou Avenue, Shiyan S	treet, Bao'an District, Shenzhen City, Guangdong Province, China.	期世标检测认证股份有限公司 forted Standard sation Certification& Testing Group	* Pi <sup>1</sup>

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## 3. EUT Description

	Product Name:	Smart Watch WSCT WSCT VISCT
/	Model :	OSW-813N
1	Trade Mark:	oraimo
[]	Software version:	V1.0
	Hardware version:	RH307L_V01
	Frequency Range:	1M/2M:2402-2480MHz(TX/RX)
/	Channel Separation:	2MHz
1	Number of Channel:	40
<u>C</u> T	Modulation W5C7	GFSK WSCT WSCT WSCT
	Technology:	
	Antenna Type	Wire Antenna
	Antenna Gain:	-0.91dBi WSCT WSCT VSCT
$\langle$	Operating Voltage	Li-ion Polymer Battery: 552123V Capacity:300mAh/3.8V/1.140Wh
СТ	Remark:	N/A. WSFT WSFT

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Note: 1. N/A stands for no applicable.

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2. Antenna gain provided by the applicant.

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#### Operation Frequency each of channel

Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
0	2402MHz	10	2422MHz	20	2442MHz	30	2462MHz
1	2404MHz	11	2424MHz	21	2444MHz	31	2464MHz
\ /						<u>.</u>	
8	2418MHz	18	2438MHz	28	2458MHz	38	2478MHz
9	2420MHz	19	2440MHz	29	2460MHz	39	2480MHz
Remark: Channel 0, 19 & 39 have been tested. 507							

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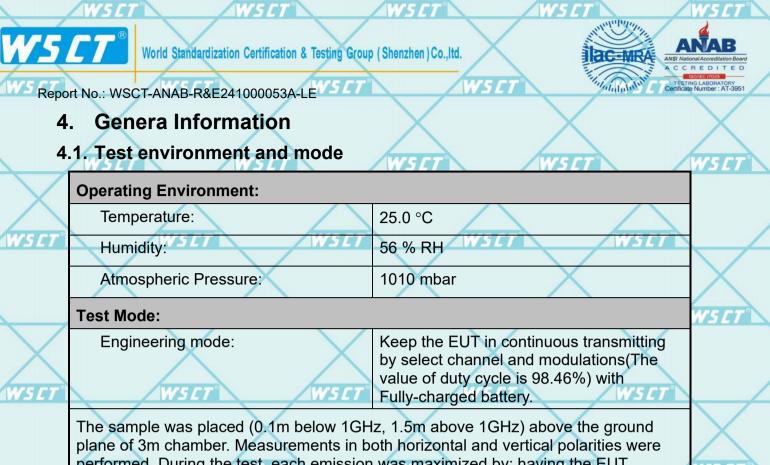
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performed. During the test, each emission was maximized by: having the EUT continuously working, investigated all operating modes, rotated about all 3 axis (X, Y & Z) and considered typical configuration to obtain worst position, manipulating interconnecting 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.

### 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.

						-
7	Equipment	Model No.	Serial No.	FCC ID	Trade Name	
	X		$\times$	1	/ /	
	Adapter	wstr	wstr	1 W	567 1	W

Note:

use.

- 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

3. For conducted measurements (Output Power, 6dB Emission Bandwidth, Power Spectral Density, Spurious Emissions), the antenna of EUT is connected to the test equipment via temporary antenna connector, the antenna connector is soldered on the antenna port of EUT, and the temporary antenna connector is listed in the Test Instruments.

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### 5. Facilities and Accreditations

### 5.1. Facilities

All measurement facilities used to collect the measurement data are located at

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#### Shenzhen, Guangdong, China.

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."

## 5.2. ACCREDITATIONS

**CNAS - Registration Number: L3732** 

VSC 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.

#### ANAB - Certificate Number: AT-3951

VS C1 The EMC Laboratory has been accredited by the American Association for Laboratory Accreditation (ANAB).Certification Number: AT-3951

WSET     WSET     WSET     WSET     WSET       WSET     WSET     WSET     WSET     WSET       WSET     WSET     WSET     WSET     WSET	<i>awsli</i> ex
WSET     WSET     WSET     WSET       WSET     WSET     WSET     WSET       WSET     WSET     WSET     WSET       WSET     WSET     WSET     WSET	
WSET     WSET     WSET     WSET       WSET     WSET     WSET     WSET       WSET     WSET     WSET     WSET	WSET
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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 %.

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	MU	
nission Test <sup>WSCT</sup> WSL	±3.2dB	$\leftarrow \neq$
nducted	±0.16dB	X
sions, conducted	±0.21dB	WSET
radiated(<1GHz)	±4.7dB	
radiated(>1GHz)	±4.7dB	
WSET /WSL	±0.5°C	$\leftarrow \neq$
XX	±2.0%	Х
WSET WSET	WSCT	WSET
		/
	WSLI	$\checkmark$
$\mathbf{X}$	$\mathbf{X}$	X
WSET WSET	WSET	WSET
		/
		$\checkmark$
$\mathbf{X}$		X
WSET WSET	WSET	WSET
$\times$ $\times$		
WISTER WIST		/
		$\checkmark$
$\mathbf{X}$		$\mathbf{X}$
WSET WSET	WSL7 Nincation	Testing CT
$\times$ $\times$		to up (st
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nue, Shiyan Street, Bao'an District, Shenzhen City, Guangdong Province, Chir	a. 深圳世标检测认证股份有限公司	A11.03
Page 8 of 50	World Standardization Certification& Testing Group()	Shenzhen) Co.,Ltd
	hission Test WSLT WSL hducted sions, conducted WSLT radiated(<1GHz) radiated(>1GHz) WSLT WSLT WSLT WSLT	MU           nission Test         #3.2dB/5277           nducted         ±0.16dB           stors, conducted         #0.21dB           radiated(<1GHz)



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#### Report No.: WSCT-ANAB-R&E241000053A-LE 5.4.MEASUREMENT INSTRUMENTS

				X		X	
	NAME OF EQUIPMENT	MANUFACTURER	MODEL	SERIAL NUMBER	Calibration Date	Calibration Due.	SET
X	Test software	<u> </u>	EZ-EMC	CON-03A	-	X	
	Test software	<u> </u>	MTS8310	_	- /		
5 <i>C 1</i>	EMI Test Receiver	R&S	ESCI	100005	11/05/2023	11/04/2024	
	LISN	AFJ	LS16	16010222119	11/05/2023	11/04/2024	Х
	LISN(EUT)	Mestec	AN3016	04/10040	11/05/2023	11/04/2024	
$\overline{\times}$	Universal Radio Communication Tester	R&S	CMU 200	1100.0008.02	11/05/2023	11/04/2024	SLI N
	Coaxial cable	Megalon	LMR400	N/A	11/05/2023	11/04/2024	
5 L I	GPIB cable	Megalon	GPIB	N/A	11/05/2023	11/04/2024	-
	Spectrum Analyzer	R&S	FSU	100114	11/05/2023	11/04/2024	Х
	Pre Amplifier	H.P.	HP8447E	2945A02715	11/05/2023	11/04/2024	IS ET
	Pre-Amplifier	CDSI	PAP-1G18-38		11/05/2023	11/04/2024	
X	Bi-log Antenna	SCHWARZBECK	VULB9168	01488	7/29/2023	7/28/2024	
5 <i>C</i> 1	9*6*6 Anechoic	c7 - /w	(SET	WISET	11/05/2023	11/04/2024	/
	Horn Antenna	COMPLIANCE ENGINEERING	CE18000	-	11/05/2023	11/04/2024	$\checkmark$
	Horn Antenna	SCHWARZBECK	BBHA9120D	9120D-631	11/05/2023	11/04/2024	$\frown$
_	Cable	TIME MICROWAVE	LMR-400 5 4	N-TYPE04	11/05/2023	11/04/2024	'S CT
$\checkmark$	System-Controller	CCS	N/A	N/A	N.C.R	N.C.R	
	Turn Table	CCS	N/A	N/A	N.C.R	N.C.R	
5 L I	Antenna Tower	CCS	N/A	N/A	N.C.R	N.C.R	-
	RF cable	Murata	MXHQ87WA300 0	-	11/05/2023	11/04/2024	Х
	Loop Antenna	EMCO	6502 <sub>W50</sub>	00042960	11/05/2023	11/04/2024	SET
	Horn Antenna	SCHWARZBECK	BBHA 9170	1123	11/05/2023	11/04/2024	
~	Power meter	Anritsu	ML2487A	6K00003613	11/05/2023	11/04/2024	
5 <i>C1</i>	Power sensor / 5	CT Anritsu	/5 MX248XD	W-SET	11/05/2023	11/04/2024	/
	Spectrum Analyzer	Keysight	N9010B	MY60241089	11/05/2023	11/04/2024	$\mathbf{X}$

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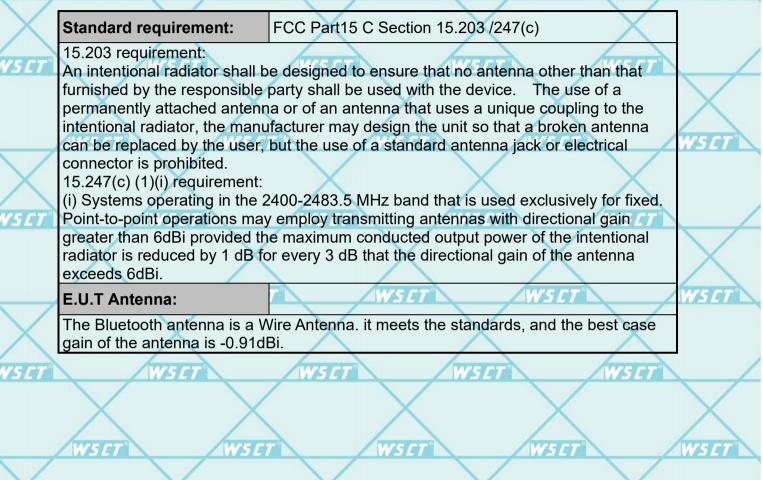


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#### Test Results and Measurement Data 6.

#### 6.1. Antenna requirement



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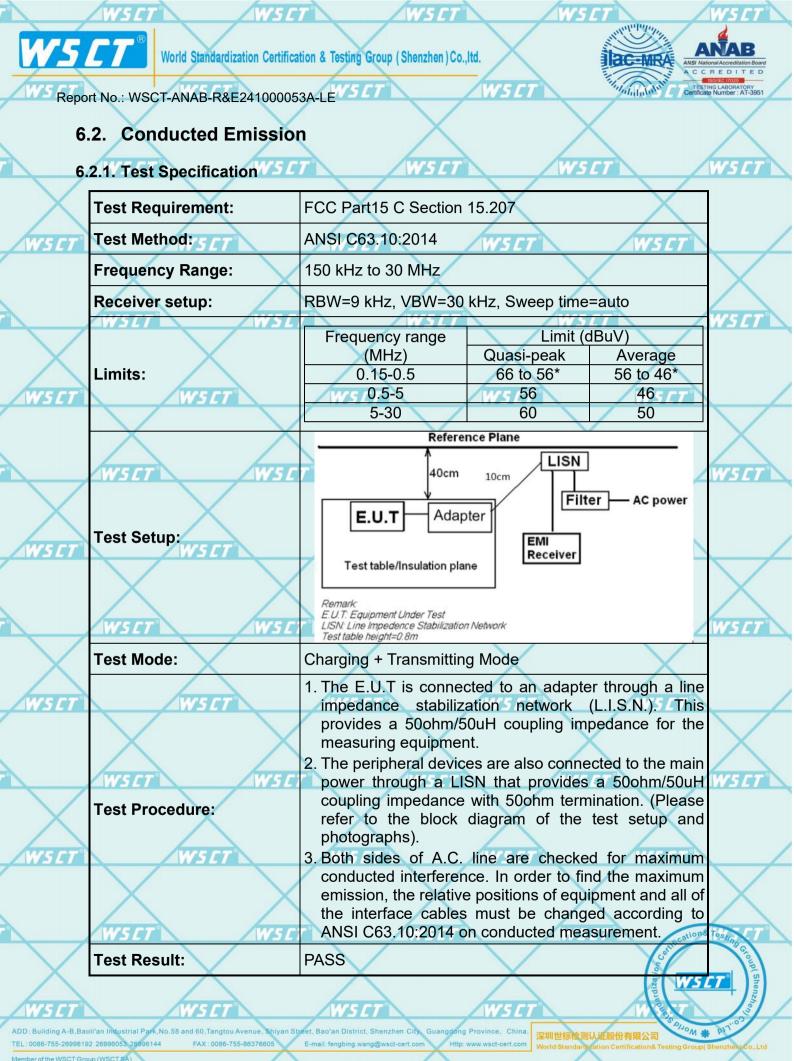
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#### 6.2.1. Test data

The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

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Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz) shown here.

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#### Test data

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Note: EUT powered by battery not applicable

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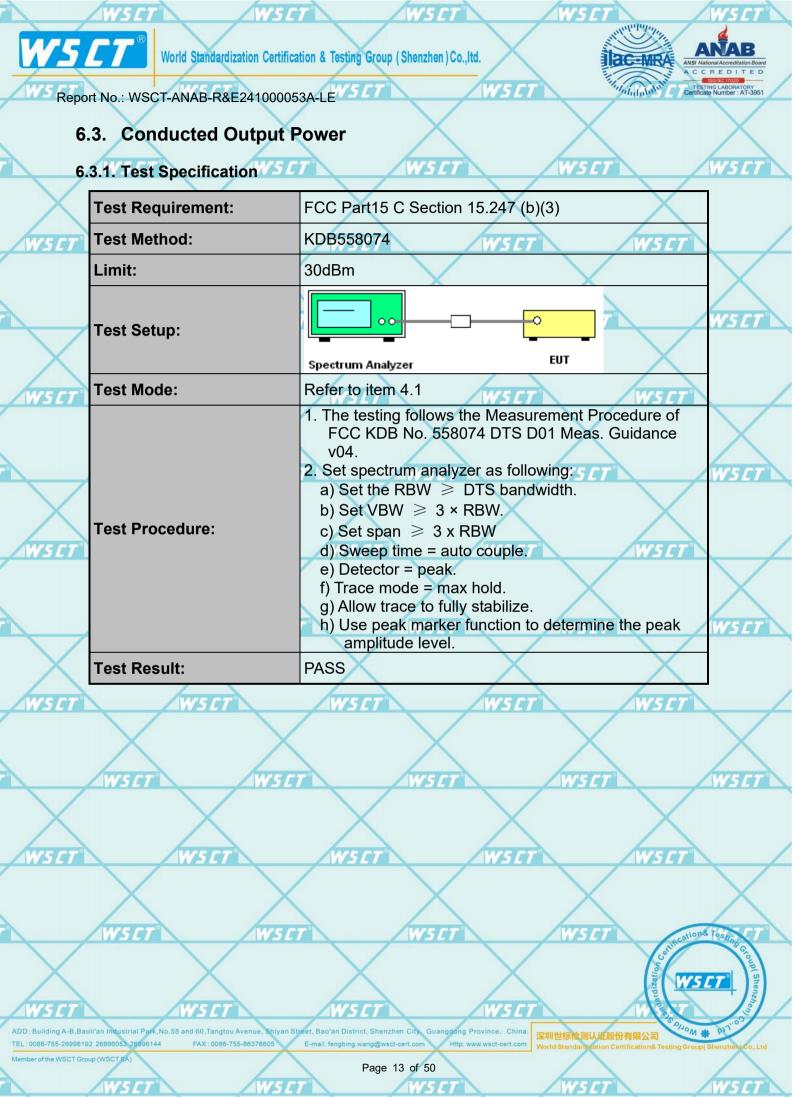
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#### 6.3.2. Test Data

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	BLE 1M					
(	Test channel	Maximum Conducted Output Power (dBm)	Limit (dBm)	Result		
	Lowest	-1.26	30.00	PASS		
	Middle	-0.05	30.00	PASS		
	Highest	0.17	30.00	PASS	X	

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7	BLE 2M					
	Test channel	Maximum Conducted Output Power (dBm)	Limit (dBm)	Result		
2	Lowest	1.93557	30.00	PASS		
	Middle	0.15	30.00	PASS	$\searrow$	
	Highest	0.58	30.00	PASS	$\wedge$	
	WSET	WSCT W	'S <i>CT</i> /W	'5 CT /	W5C	

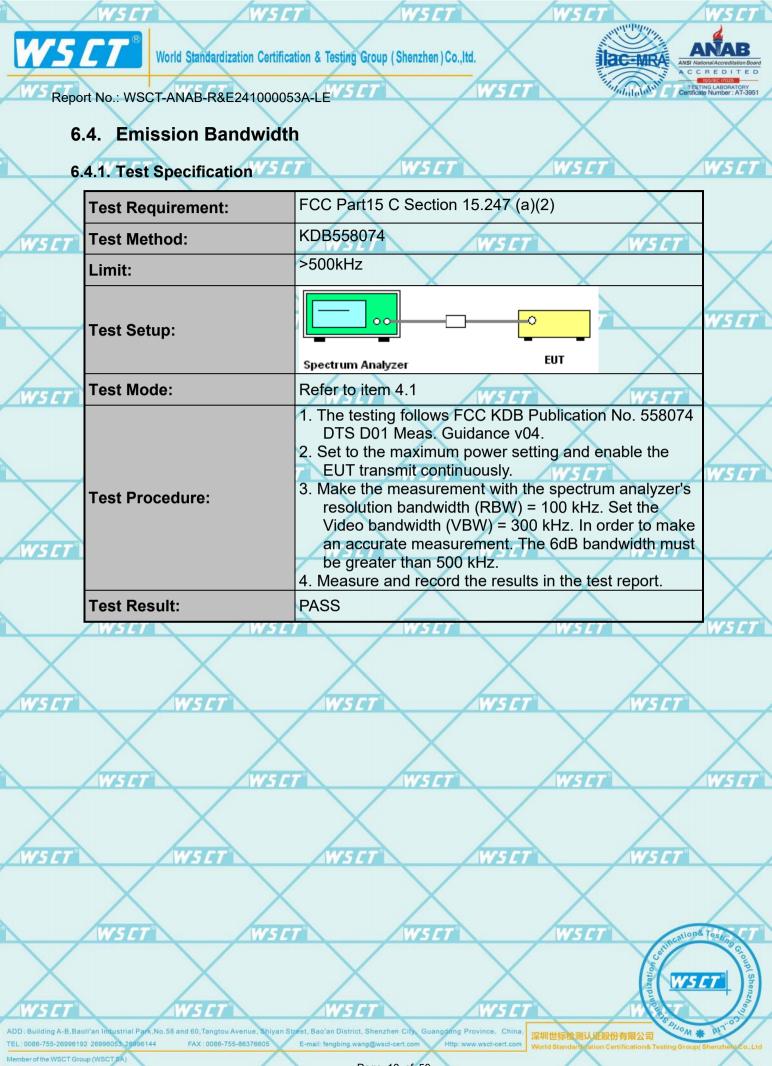
Test plots as follows:





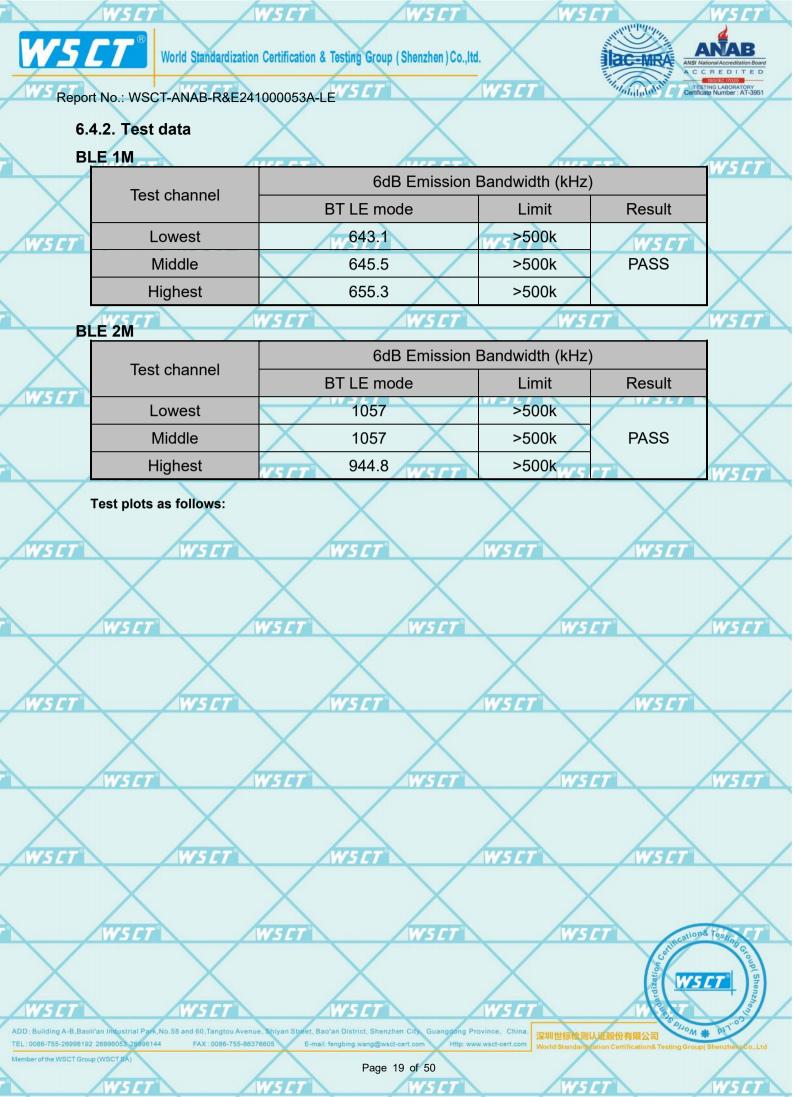






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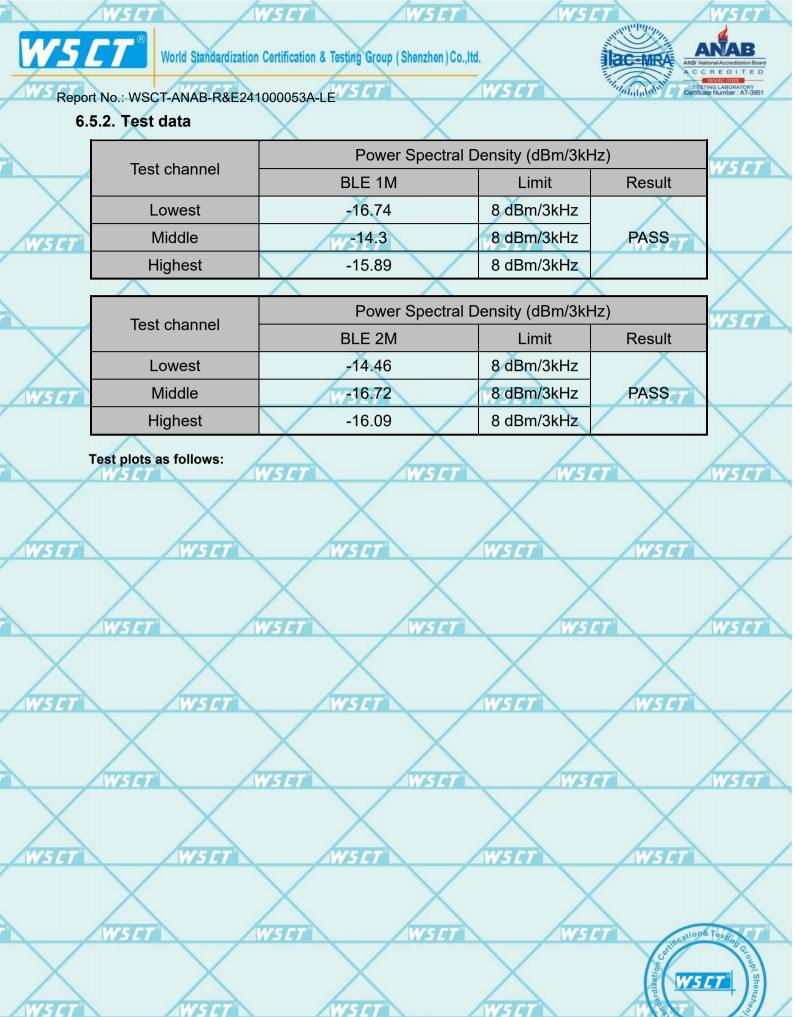


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### 6.5. Power Spectral Density

6.5.1. Test Specification

6.	5.1. Test Specification		NSET
$\bigtriangledown$	Test Requirement:	FCC Part15 C Section 15.247 (e)	
$\wedge$	Test Method:	KDB558074	
WS CT	Limit:	The peak power spectral density shall not be greater than 8dBm in any 3kHz band at any time interval of continuous transmission.	$\checkmark$
$\overline{\checkmark}$	Test Setup:	Spectrum Analyzer EUT	WSET
$\land$	Test Mode:	Refer to item 4.1	
WS ET	Test Procedure:	<ul> <li>was compensated to the results for each measurement.</li> <li>3. Set to the maximum power setting and enable the EUT transmit continuously.</li> <li>4. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW): 3 kHz ≤ RBW ≤ 100 kHz. Video bandwidth VBW ≥ 3 x RBW. In order to make an accurate measurement, set the span to 1.5</li> </ul>	WSET
	Test Result:	PASS	Х
	wser wse	T WSET WSET	WSET
WSET	WSET	WSET WSET WSET	
	WSET WSE	( X X)	esting and
WSET	WSET	T WSET WSET WSET WSET	Gioup(Shenzhen)
Building A-B,Ba		reet, Bao'an District, Shenzhen City, Guangdong Province, China. E-mail: fengbing.wang@wsct-cert.com Http://www.wsct-cert.com World Standardization Certification& Testing Group(Sh	pi1.03
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Report No.: WSCT-ANAB-R&E241000053A-LE

### 6.6. Conducted Band Edge and Spurious Emission Measurement

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6.6.1. Test Specification
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$\mathbf{\nabla}$	Test Requirement:	FCC Part15 C Section 15.247 (d)		
	Test Method:	KDB558074		
WS CT	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).	TSET	
	Test Setup:	Spectrum Analyzer EUT	VSET	
$\searrow$	Test Mode:	Refer to item 4.1		
WSCT WSCT	Test Procedure:	5. Set RBW – 100 kHz, VBW–300 kHz, Peak Detector. Unwanted Emissions measured in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz when maximum peak conducted output power procedure is used. If the transmitter complies with the conducted power limits based on the use of RMS averaging over	VSET VSET	
	Test Result:	PASS	Х	
	WSET WSE	7 WSET WSET	Sting CT	
WSET	WSET	WSCT WSCT WSCT	Crompl	
0: Building A-B, Baoli'an Industrial Park, No.58 and 60, Tangtou Avenue, Shiyan Street, Bao'an District, Shenzhen City, Guangdong Province, China. : 0086-755-26996192 26996053 26996144 FAX: 0086-755-86376605 E-mail: fengbing.wang@wsct-cert.com Http://www.wsct-cert.com Http:///// # P1/0// # P1/0/// # P1/0///////////////////////////////////				
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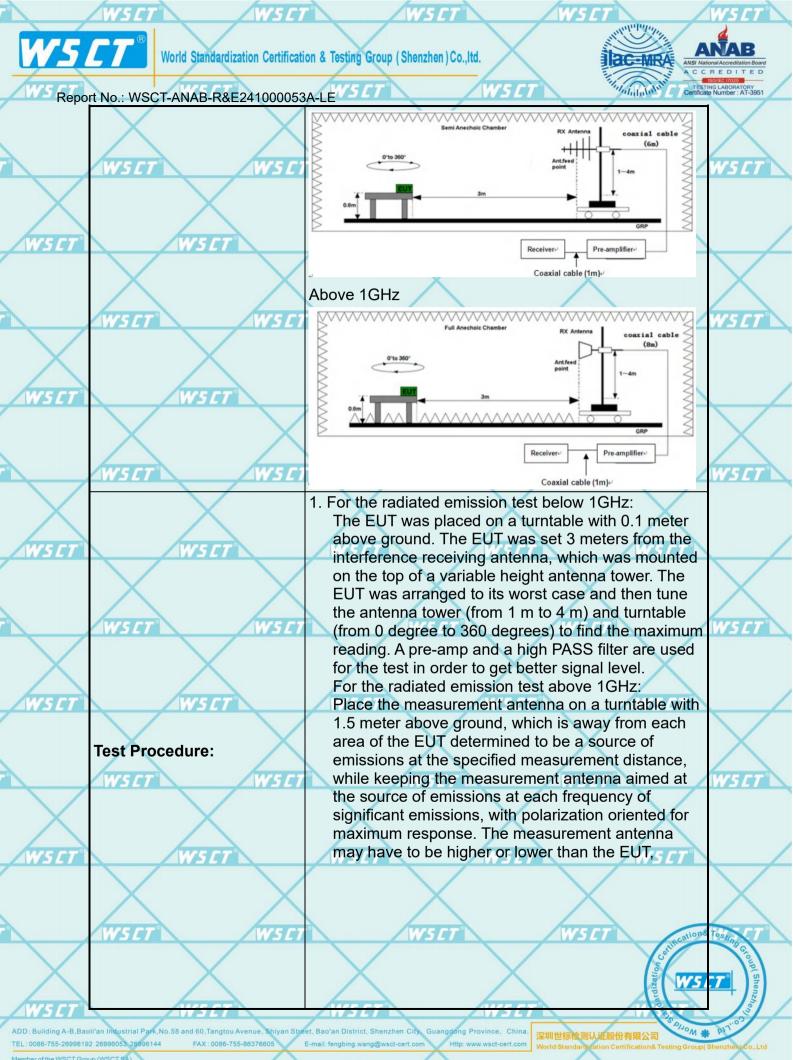
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Report No.: WSCT-ANAB-R&E241000053A-LE

## 6.7. Radiated Spurious Emission Measurement

6.	7.1. Test Specification 5 57		WSET		ws l	7	WSET	
$\sim$	Test Requirement:	FCC Part15 C	7					
	Test Method:	ANSI C63.10:	WEFT					
WSET	Frequency Range:	9 kHz to 25 G	Hz	WSCT				
	Measurement Distance:	3 m	X		X			
	Antenna Polarization:	Horizontal & V	Horizontal & Vertical					
$\overline{}$	Operation mode:	Refer to item 4						
WSET	WSET	Frequency 9kHz- 150kHz	Detector Quasi-peak	RBW 200Hz	VBW 1kHz	Remark Quasi-peak Valu	e	
	Receiver Setup:	150kHz- 30MHz	Quasi-peak	9kHz	30kHz	Quasi-peak Valu	e	
			Quasi-peak Peak	100KHz 1MHz	300KHz 3MHz	Quasi-peak Valu Peak Value		
$\searrow$	WSCT WSCI	Above TGHZ	Peak	1MHz	10Hz	Average Value	<u></u>	
$\boldsymbol{\times}$		Frequency (micro		Field Stre (microvolts/ 2400/F(K	/meter)	Measurement Distance (meters 300	)	
<u>AWSET</u>	WSET	0.490-1.705 1.705-30 30-88		24000/F(KHz) 30 100		30 30 3		
	Limitica wsca	88-216         15           216-960         20           Above 960         50				WSET		
WSET	WSET	Frequency	Field S	Strength Strengtr)	Measuren Distanc (meters	ce Detector		
	$\times$ $\times$	Above 1GHz		00	3	Average Peak		
	WSET WSET	For radiated e	emissions b		WSET			
$\sim$		Dista	ance = 3m		Computer			
WSET	WSET	+		) г	Pre -			
	Test setup:	EUT	Turn table		- 4	$\square$		
$\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{$	WSET WSET		Ground Pl	ane	L	aui	one esting Gio	
X	X	30MHz to 1G	Hz	X		dilation	ST7	
WSET	WSET	WSET		WSCT		M	- Inent	
ADD: Building A-B, Bad TEL: 0086-755-2699619 Member of the WSCT Grou	<u> </u>	et, Bao'an District, Shenzhen E-mail: fengbing.wang@wsct-cer Page 39	rt.com Http: wwv		采圳世标检测认 World Standardizat	延股份有限公司 tion Certification& Testing Gri		
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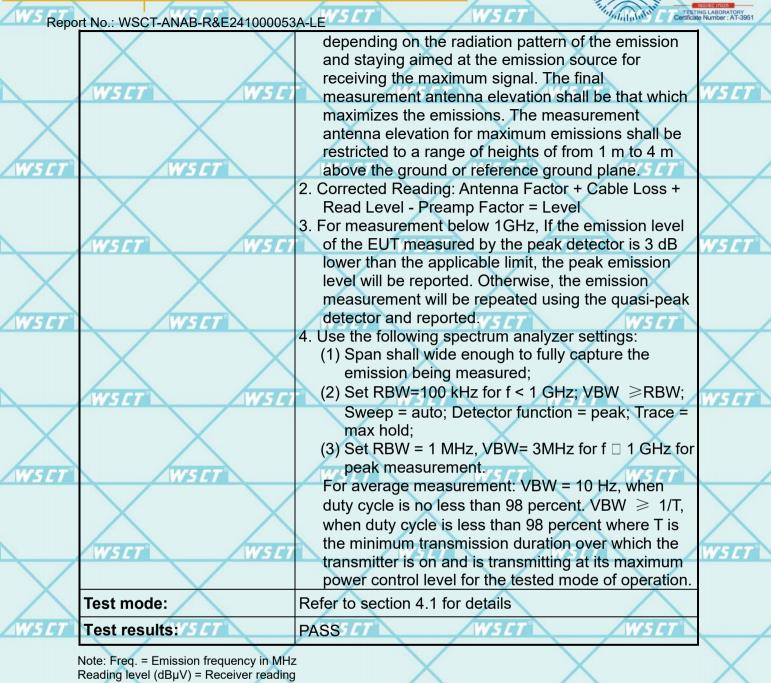


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C-MRA

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

Level  $(dB\mu V)$  = Reading level  $(dB\mu V)$  + Corr. Factor (dB)Limit  $(dB\mu V)$  = Limit stated in standard

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Margin (dB) = Level  $(dB\mu V)$  – Limits  $(dB\mu V)$ 

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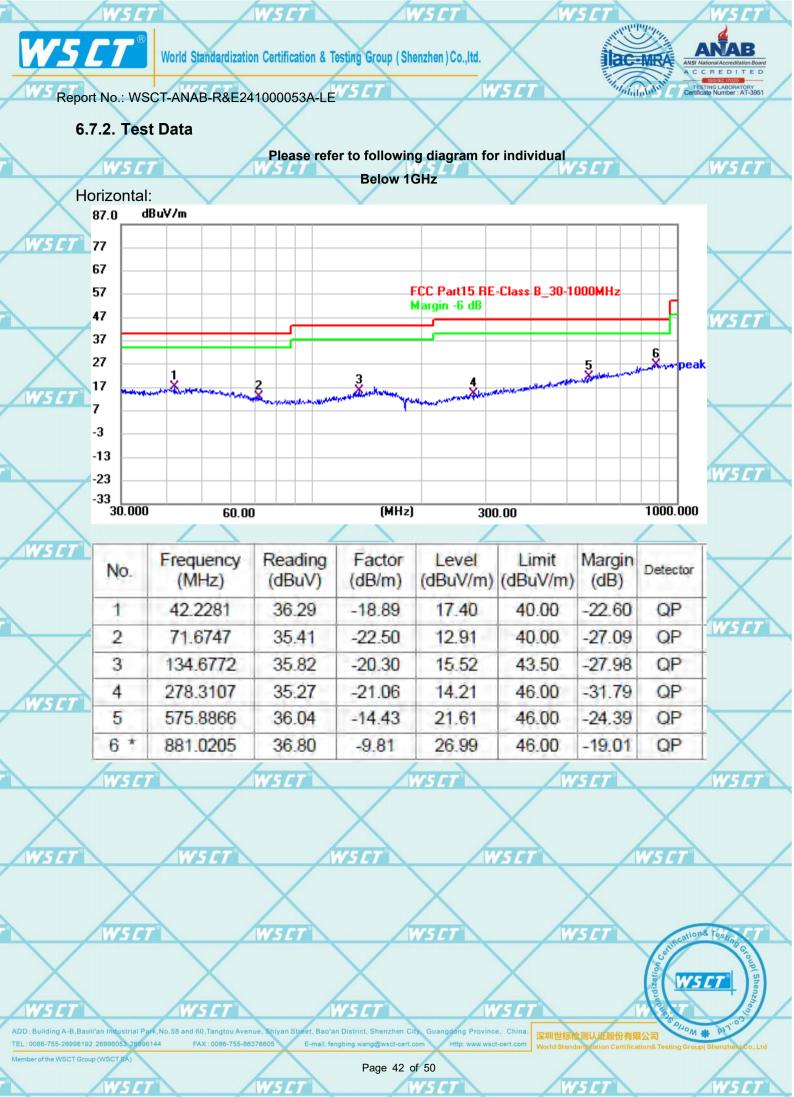
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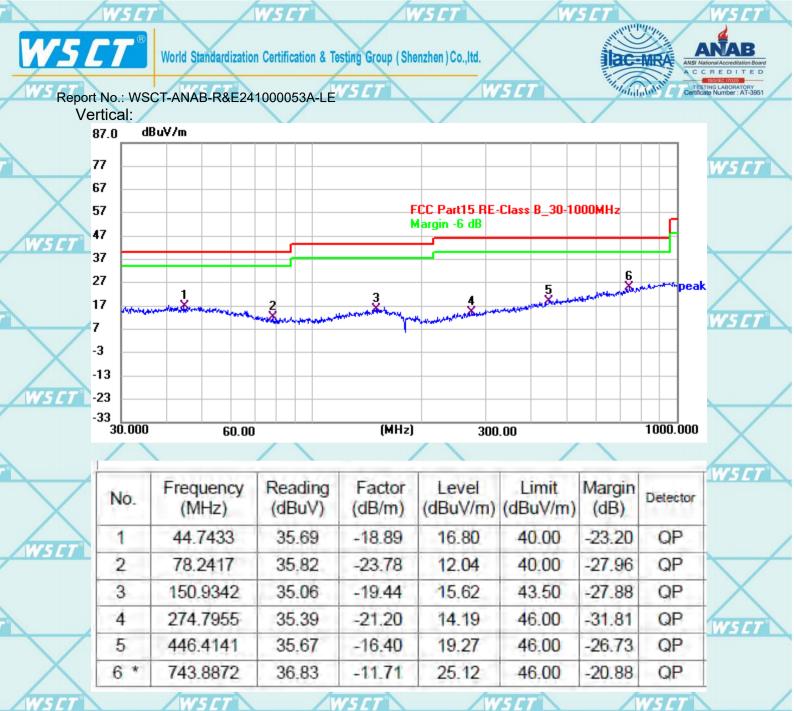
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### Note1:

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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  $(dB\mu V)$ 

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Report No.: WSCT-ANAB-R&E241000053A-LE

V Peak

## Above 1GHz

PK

Limit1

Note 1: The marked spikes near 2400 MHz with circle should be ignored because they are Fundamental signal. WSE1 Note 2: The spurious above 18G is noise only, do not show on the report.

WSET

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Limit2

Trace1

Trace2

GFSK

QP

AV

Low channel: 2402MHz Horizontal:

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Suspu	Ited Data Lis	it						· ·		
NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	2438.7500	48.59	27.39	21.2	74	-25.41	201.2	Horizontal	PK	Pass
1	2438.7500	37.3	27.39	9.91	54	-16.7	201.2	Horizontal	AV	Pass
2	3880.0000	49.75	29.41	20.34	74	-24.25	319.5	Horizontal	PK	Pass
2	3880.0000	40.75	29.41	11.34	.54	-13.25	319.5	Horizontal	AV	Pass
3	5900.0000	57.66	32.64	25.02	74	-16.34	228.7	Horizontal	PK	Pass
3	5900.0000	47.32	32.64	14.68	54	-6.68	228.7	Horizontal	AV	Pass
4	10444.5000	42.52	13.73	28.79	74	-31.48	343.5	Horizontal	PK	Pass
4	10444.5000	34.98	13.73	21.25	54	-19.02	343.5	Horizontal	AV	Pass
5	13962.0000	48.64	19.01	29.63	74	-25.36	261.4	Horizontal	PK	Pass
5	13962.0000	41.93	19.01	22.92	.54	-12.07	261.4	Horizontal	AV	Pass
6	17959.5000	53.19	23.64	29.55	74	-20.81	302.1	Horizontal	PK	Pass
6	17959.5000	46.13	23.64	22.49	54	-7.87	302.1	Horizontal	AV	Pass

Freq[GHz]

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	NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
	1	2438.7500	50.18	27.39	22.79	74	-23.82	360	Vertical	PK	Pass
	1	2438.7500	38.28	27.39	10.89	54	-15.72	360	Vertical	AV	Pass
	2	3855.6250	49.96	29.35	20.61	74	-24.04	360	Vertical	PK	Pass
- X	2	3855.6250	40.62	29.35	11.27	.54	-13.38	360	Vertical	AV	Pass
/ `	3	5749.3750	68.1	32.4	35.7	74	-5.9	206	Vertical	PK	Pass
WSE	3	5749.3750	47.29	32.4	14.89	54	-6.71	206	Vertical	AV	Pass
	4	9852.0000	41.86	12.03	29.83	74	-32.14	186.2	Vertical	PK	Pass
	4	9852.0000	33.62	12.03	21.59	54	-20.38	186.2	Vertical	AV	Pass
	5	13666.5000	49.11	18.16	30.95	74	-24.89	243.6	Vertical	PK	Pass
	5	13666.5000	41.43	18.16	23.27	.54	-12.57	243.6	Vertical	AV	Pass
	6	17964.0000	53.53	23.67	29.86	74	-20.47	284.2	Vertical	PK	Pass
	6	17964.0000	46.52	23.67	22.85	54	-7.48	284.2	Vertical	AV	Pass
$\sim$		1	X		X		- L	X	1	2	( )

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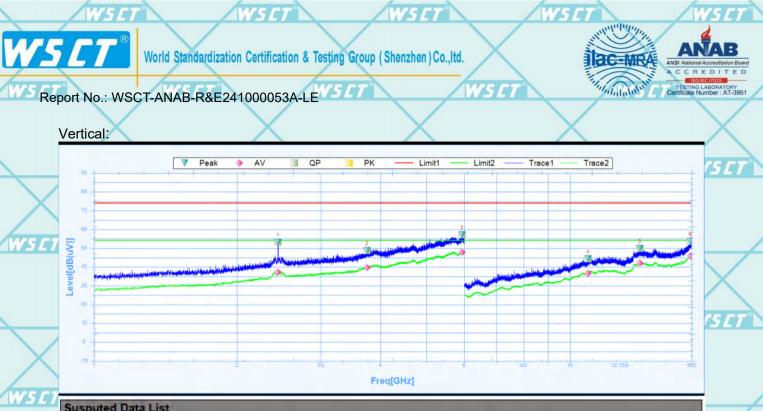


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NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	2436.2500	53.22	27.38	25.84	74	-20.78	359.9	Vertical	PK	Pass
1	2436.2500	37.38	27.38	10	54	-16.62	359.9	Vertical	AV	Pass
2	3748.7500	48.68	29.1	19.58	74	-25.32	157	Vertical	PK	Pass
2	3748.7500	39.68	29.1	10.58	54	-14.32	157	Vertical	AV	Pass
3	5936.2500	57.08	32.7	24.38	74	-16.92	0.5	Vertical	PK	Pass
3	5936.2500	47.78	32.7	15.08	54	-6.22	0.5	Vertical	AV	Pass
4	10921.5000	44.39	15.18	29.21	74	-29.61	229.4	Vertical	PK	Pass
4	10921.5000	36.63	15.18	21.45	54	-17.37	229.4	Vertical	AV	Pass
5	14026.5000	49.92	19.1	30.82	74	-24.08	0.1	Vertical	PK	Pass
5	14026.5000	42.09	19.1	22.99	54	-11.91	0.1	Vertical	AV	Pass
6	17907.0000	53.59	23.31	30.28	74	-20.41	10	Vertical	PK	Pass
6	17907.0000	45.98	23.31	22.67	.54	-8.02	10	Vertical	AV	Pass



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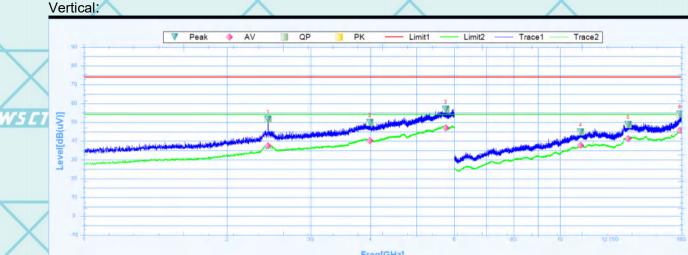
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Report No.: WSCT-ANAB-R&E241000053A-LE

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#### Freq[GHz]

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NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdic
1	2437.5000	51.6	27.39	24.21	74	-22.4	360.1	Vertical	PK	Pass
1	2437.5000	37.49	27.39	10.1	54	-16.51	360.1	Vertical	AV	Pass
2	3988.7500	49.77	29.67	20.1	74	-24.23	0.4	Vertical	PK	Pass
2	3988.7500	40.08	29.67	10.41	54	-13.92	0.4	Vertical	AV	Pass
3	5755.0000	56.94	32,41	24.53	74	-17.06	184.6	Vertical	PK	Pass
3	5755.0000	47.05	32.41	14.64	54	-6.95	184.6	Vertical	AV	Pass
4	11058.0000	44.88	15.81	29.07	74	-29.12	-0.1	Vertical	PK	Pass
4	11058.0000	37.83	15.81	22.02	54	-16.17	-0.1	Vertical	AV	Pass
5	13914.0000	48.84	18.87	29.97	74	-25.16	134.8	Vertical	PK	Pass
5	13914.0000	41.37	18.87	22.5	54	-12.63	134.8	Vertical	AV	Pass
6	17868.0000	54.2	23.06	31.14	74	-19.8	266.3	Vertical	PK	Pass
6	17868.0000	45.65	23.06	22.59	54	-8.35	266.3	Vertical	AV	Pass

#### Note:

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

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Measurements were conducted from 1 GHz to the 10th harmonic of highest fundamental frequency. WS C 2. Data of measurement shown "-"in the above table mean that the reading of emissions is attenuated more than 20 dB 3.

below the limits or the field strength is too small to be measured. Measurements were conducted in all three modulation (GFSK, Pi/4 DQPSK, 8DPSK), and the worst case Mode 4. (GFSK) was submitted only.

5. EUT has been tested in unfolded states, and the report only reflects data in the unfolded state (worst-case scenario)

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# 7. Test Setup Photographs

Please refer to the attachment "Set Up Photos-15C" for relevant test setup photos
\*\*\*\*\*END OF REPORT\*\*\*\*\*

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WIS	$\langle \rangle$	WSET	WSET	WSET	WSET	
WSET	WSET	WSET	$\langle \rangle$		WSCT	
WS	$\langle \rangle$	WSET	WSET	$\mathbf{X}$	$\mathbf{X}$	
WSET	WSET	WSET	$\langle \rangle$		South County Shenzhan	
ADD : Building A-B,Baoli'an Industi TEL: 0086-755-26996192 26996053 Member of the WSCT Group (WSCT SA	rial Park,No.58 and 60,Tangtou Avenue 26996144 FAX : 0086-755-8637	6605 E-mail: fengbing.wang@	enzhen City, Guangdong Province, Chir	<sup>na.</sup> 深圳世标检测认证股份有限	公司 ion& Testing Group( Shenzhen) CoLt	d