







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

TEST REPORT

FCC ID: 2AXYP-OSW-851H

Product: Smart Watch
Model No.: OSW-851H

Trade Mark: oraimo

Report No.: WSCT-A2LA-R&E240700029A-LE

Issued Date: 23 July 2024

Issued for:

ORAIMO TECHNOLOGY LIMITED
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, 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.

WSET

10/1 * P

世标检测认证股份 Group (Shenzhen) Co., Ltd.

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:tengbing.wang@wsct-cert.com Http://www.wsct-cert.com

Member of the WSCT INC







Certificate #5768.01

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

TABLE OF CONTENTS

/1.	Test Certification		3
2.	Test Result Summary		4
3.	EUT Description	AV2947	5
4.	Genera Information		6
/	4.1. TEST ENVIRONMENT AND MODE	7578 A 7578	6
5.	Facilities and Accreditations		7
7	5.1. FACILITIES		A CONTRACTOR OF THE PARTY OF TH
	5.2. ACCREDITATIONS		
	5.3. MEASUREMENT UNCERTAINTY	X	
	5.4. MEASUREMENT INSTRUMENTS		9
6.	Test Results and Measurement Dat	a	10
	6.1. ANTENNA REQUIREMENT		10
	6.2. CONDUCTED EMISSION		
7	6.3. CONDUCTED OUTPUT POWER	Austra	14
	6.4. EMISSION BANDWIDTH		16
	6.5. POWER SPECTRAL DENSITY	\wedge	21
/	6.6. CONDUCTED BAND EDGE AND SPURIOUS EMISSIO	N MEASUREMENT	23
/	6.7. RADIATED SPURIOUS EMISSION MEASUREMENT		37



WHAT WHE

ADD:Building A-B Baoshi Science & Technology Park, Baoshi Road, Bao'an District, Shenzhen, Guangdong, China TEL:86-755-26996192 26992306 FAX:86-758-86376605. E-mail: Fengbing.Wang@wscl-cert.com Http://www.wscl-cert.com









Please Contact with WSCT www.wsct-cert.com

Report No.: WSCT-A2LA-R&E240700029A-LE

Test Certification

Smart Watch Product:

OSW-851H Model No.: oraimo Trade Mark:

ORAIMO TECHNOLOGY LIMITED Applicant:

FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE

19-25 SHAN MEI STREET FOTAN NT HONGKONG

Jiangsu Saibo Yuhua Technology Co.,Ltd Manufacturer:

Building 8(D) of Yancheng High-Tech Zone Intelligent

Terminal Industrial Park, P.R.China.

03 July 2024 to 23 July 2024 Date of Test:

FCC CFR Title 47 Part 15 Subpart C Section 15.247 Applicable -

KDB 558074 D01 DTS Meas Guidance v04 Standards:

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: Wan Xian	Checked By: Chen & Testing
(Wang Xiang)	(Chen Xu)
A STATE OF THE STA	WSET WSET
pproved By:	Date: 23 July 2014 * DT 185
(Liu Fuxin)	WEST WEST

WSET 14. * WON

世标检测认证股份

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@wsct-cert.com Http://www.wsct-cert.com









Certificate #5768.01

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

2. Test Result Summary

	/\!\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		/ LTBB
7	Requirement	CFR 47 Section	Result
-	Antenna requirement	§15.203/§15.247 (c)	PASS
0	AC Power Line Conducted Emission	§15.207	PASS
	Conducted Peak Output Power	§15.247 (b)(3) §2.1046	PASS
	6dB Emission Bandwidth	§15.247 (a)(2) §2.1049	PASS
	Power Spectral Density	§15.247 (e)	PASS
	Band Edge	1§5.2 <mark>47(d)</mark> §2.1051, §2.1057	PASS
	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.

World Start Visiting Commontor of Park Strong Shows

NVF141 NVF14

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@wact-cert.com Http://www.wsct-cert.com









Certificate #5768.01

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

3. **EUT Description**

Product Name:	Smart Watch
Model:	OSW-851H
Trade Mark:	oraimo
Operation Frequency:	BLE1M:2402MHz~2480MHz BLE2M: 2404MHz~2478MHz
Channel Separation:	2MHz
Number of Channel:	40
Modulation Technology:	GFSK
Antenna Type:	Integral Antenna
Antenna Gain:	-1.05dBi
Operating Voltage	Li-ion Battery: 552125 Voltage: 3.8V Rated Capacity: 350mAh Limited Charge Voltage: 4.35V
Remark:	N/A.

Operation Frequency each of channel

e portation is requested a contact of contac									
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency		
0	2402MHz	10	2422MHz	20	2442MHz	30	2462MHz		
1	2404MHz	11	2424MHz	21	2444MHz	31	2464MHz		
8	2418MHz	18	2438MHz	28	2458MHz	38	2478MHz		
9 2420MHz 19 2440MHz 29 2460MHz 39 2480MHz							2480MHz		
Remark: Channel 0, 19 & 39 have been tested.									



X









Certificate #5768.01

For Question,
Please Contact with WSCT

4. 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%) with Fully-charged battery.

The sample was placed (0.1m 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.

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	XCU32		1	/ /

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.



ADD:Building A-B Baoshi Science & Technology Park, Baoshi Road, Bao an District, Shenzhen, Guangdong, China TEL:86-755-26996192 26992306 FAX 86-758-86376605. E-mail: Fengbing.Wang@wscl-cert.com Http://www.wscl-cert.com









Certificate #5768.01

Please Contact with WSCT www.wsct-cert.com

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

5.2. ACCREDITATIONS

CNAS - Registration Number: L3732

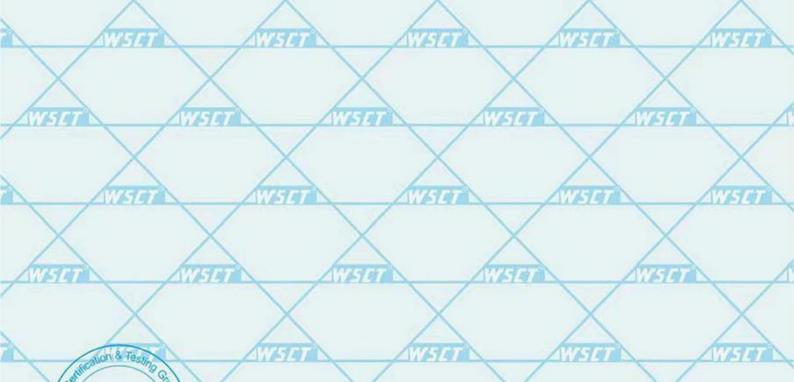
China National Accreditation Service for Conformity Assessment, The test firm Registration Number: L3732

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



世标检测认证股份 viroup (Shenzhen) Co., Ltd.

ON * P









Certificate #5768.01

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

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 %.

	Cormide	X		
1	No.	Item	MU	
	1	Power Spectral Density	±3.2dB	
	2	Duty Cycle and Tx-Sequence and Tx-Gap	±1%	
	3 754	Medium Utilisation Factor	±1.3%	
	4	Occupied Channel Bandwidth	±2.4%	
/	5	Transmitter Unwanted Emission in the out-of Band	±1.3%	
	6	Transmitter Unwanted Emissions in the Spurious Domain	±2.5%	
	7	Receiver Spurious Emissions	±2.5%	
_	8//5/	Conducted Emission Test	±3.2dB	
	9	RF power, conducted	±0.16dB	
1	10	Spurious emissions, conducted	±0.21dB	
di	11	All emissions, radiated(<1GHz)	±4.7dB	
	12	All emissions, radiated(>1GHz)	±4.7dB	
	13	Temperature	±0.5°C	
/	14	Humidity	±2.0%	



WSGT

ADD:Building A-B Baoshi Science & Technology Park, Baoshi Road, Bao an District, Shenzhen, Guangdong, China TEL:86-755-26996192 26992306 FAX 66-755-86376605 E-mail: Fengbing.Wang@wscl-cert.com Http://www.wscl-cert.com









Certificate #5768.01

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

5.4.MEASUREMENT INSTRUMENTS

O.T.M.EAGOTTEN	LETTI III	LITTO			www.wsc	:t-c
NAME OF EQUIPMENT	MANUFACTURER	MODEL	SERIAL NUMBER	Calibration Date	Calibration Due.	Z
Test software		EZ-EMC	CON-03A	-	X	
Test software		MTS8310	(7274)	- /	274	
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	Z
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	
GPIB cable	Megalon	GPIB	N/A	11/05/2023	11/04/2024	1
Spectrum Analyzer	R&S	FSU	100114	11/05/2023	11/04/2024	1
Pre Amplifier	HP	HP8447E	2945A02715	11/05/2023	11/04/2024	Z
Pre-Amplifier	CDSI	PAP-1G18-38		11/05/2023	11/04/2024	
Bi-log Antenna	SCHWARZBECK	VULB9168	01488	7/29/2023	7/28/2024	
9*6*6 Anechoic		SETA	WSET	11/05/2023	11/04/2024	
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	ě
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	
Antenna Tower	ccs	N/A	N/A	N.C.R	N.C.R	
RF cable	Murata	MXHQ87WA300 0	-	11/05/2023	11/04/2024	
Loop Antenna	EMCO	6502	00042960	11/05/2023	11/04/2024	7
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	AUSTE	11/05/2023	11/04/2024	
Spectrum Analyzer	Keysight	N9010B	MY60241089	11/05/2023	11/04/2024	1
				\wedge		1











Certificate #5768.01

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

6. Test Results and Measurement Data

6.1. Antenna requirement

Standard requirement:

FCC Part15 C Section 15.203 /247(c)

15.203 requirement:

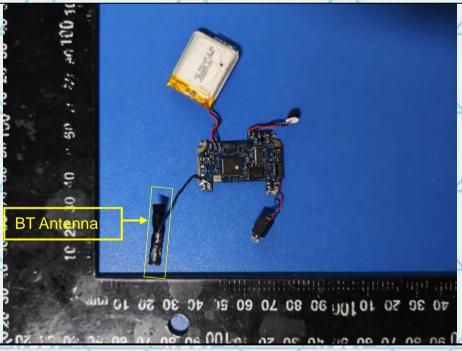
An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit 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 Bluetooth antenna is a Integral Antenna. it meets the standards, and the best case gain of the antenna is -1.05dBi.





ADD:Building A-B Baoshi Science & Technology Park, Baoshi Road, Bao an District, Shenzhen, Guangdong, China TEL:86-755-26996192 26992306 FAX 66-755-86376605 E-mail: Fengbing.Wang@wscl-cert.com Http://www.wscl-cert.com









Certificate #5768.01

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

6.2. Conducted Emission

6.2.1. Test Specification

.2.1. Test Specification			
Test Requirement:	FCC Part15 C Section	15.207	X
Test Method:	ANSI C63.10:2014	AVISTO	WIST
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 (c Quasi-peak 66 to 56* 56 60	Average 56 to 46* 46 50
57519	Reference 40cm	nce Plane LISN	
Test Setup:	Test table/Insulation plan Remark E.U.T. Equipment Under Test LISN: Line Impedence Stabilization	EMI Receiver	er — AC power
Test Mode:	Test table height=0.8m Charging + Transmitting	g Mode	
Test Procedure:	provides a 50ohm/5 measuring equipmer 2. The peripheral device power through a LIS coupling impedance refer to the block	ation network OuH coupling im nt. es are also conne SN that provides with 50ohm term	(L.I.S.N.). This pedance for the ected to the main a 50ohm/50uH nination. (Please
1757 at a	photographs). 3. Both sides of A.C. conducted interferent emission, the relative the interface cables ANSI C63.10:2014 or ANS	ce. In order to fire positions of equently must be changed	nd the maximum ipment and all of ed according to
Test Result:	N/A	NVL I II	N/ATO



DUOM * PT

ADD:Building A-B Baoshi Science & Technology Park, Baoshi Road, Bao'an District, Shenzhen, Guangdong, China TEL:86,755-26996192 26992306 FAX:66-755-86376605 E-mail: Fengbing.Wang@wsci-cert.com Http://www.wsci-cert.com







6.2.2. Test data

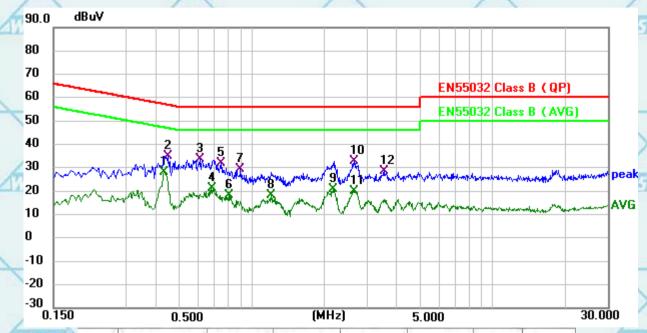
Certificate #5768.01

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

Please refer to following diagram for individual

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

The worst mode is BLE 2M



	No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	
	1 *	0.4290	7.64	20.55	28.19	47.27	-19.08	AVG	(
	2	0.4470	14.58	20.54	35.12	56.93	-21.81	QP	
7	3	0.6090	13.20	20.53	33.73	56.00	-22.27	QP	A
	4	0.6809	0.72	20.54	21.26	46.00	-24.74	AVG	
	5	0.7440	11.40	20.56	31.96	56.00	-24.04	QP	
Ì	6	0.8025	-2.38	20.58	18.20	46.00	-27.80	AVG	
	7	0.8970	8.91	20.63	29.54	56.00	-26.46	QP	
	8	1.2030	-2.59	20.66	18.07	46.00	-27.93	AVG	<
	9	2.1840	0.17	20.61	20.78	46.00	-25.22	AVG	
1	10	2.6745	12.36	20.60	32.96	56.00	-23.04	QP	4
	11	2.6745	-0.52	20.60	20.08	46.00	-25.92	AVG	
	12	3,5430	7.70	20.59	28.29	56.00	-27.71	QP	

WSGI

世标检测认证股份 n/Shearhen/Co. Avi

ADD:Building A-B Baoshi Science & Technology Park, Baoshi Road, Bao'an District, Shenzhen, Guangdong, China TEL:86-755-26996192 26992306 FAX:86-758-86376605 E-mail: Fengbing.Wang@wsct-cert.com Http://www.wsct-cert.com





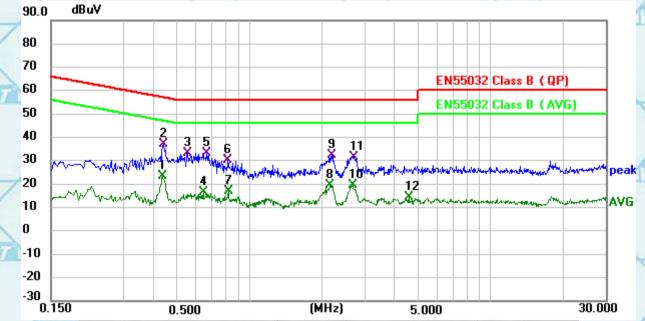




Report No.: WSCT-A2LA-R&E240700029A-LE

ertificate #5768.01

Conducted Emission on Neutral Terminal of the power line (150 kHz to 30MHz) Please Contact with WSCT www.wsct-cert.com



4	No.	Frequency (MHz)	Reading (dBuV)	Factor (dB)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	
	1	0.4335	2.77	20,55	23.32	47.19	-23.87	AVG	
	2 *	0.4380	16.45	20.55	37.00	57.10	-20.10	QP	١,
	3	0.5550	12.76	20.52	33.28	56.00	-22.72	QP	-
1	4	0.6450	-3.83	20.53	16.70	46.00	-29.30	AVG	
1	5	0.6630	12.73	20.53	33.26	56.00	-22.74	QP	
g.	6	0.8160	9.82	20.59	30.41	56.00	-25.59	QP	
	7	0.8205	-3.61	20.59	16.98	46.00	-29.02	AVG	
	8	2.1660	-0.91	20.61	19.70	46.00	-26.30	AVG	j
	9	2.2065	11.73	20.61	32.34	56.00	-23.66	QP	
	10	2.6790	-1.25	20.60	19.35	46.00	-26.65	AVG	P
1	11	2.7195	10.74	20.60	31.34	56.00	-24.66	QP	
1	12	4.5870	-6.35	20.58	14.23	46.00	-31.77	AVG	

Note:

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 $(dB\mu V) = Limit stated in standard$

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.

W5CT

WOM * P

金灣认证股份 arbent Co. Mil

ADD:Building A-B Baoshi Science & Technology Park, Baoshi Road, Bao an District, Shenzhen, Guangdong, China TEL:86-755-26996192 26992306 FAX 66-755-86376605 E-mail: Fengbing Wang@wscl-cert.com Http://www.wscl-cert.com









Certificate #5768.01

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

6.3. Conducted Output Power

6.3.1. Test Specification

	Test Requirement:	FCC Part15 C Section 15.247 (b)(3)
0	Test Method:	KDB558074
	Limit:	30dBm
7	Test Setup:	
		Spectrum Analyzer EUT
-	Test Mode:	Refer to item 4.1
	Test Procedure:	 The testing follows the Measurement Procedure of FCC KDB No. 558074 DTS D01 Meas. Guidance v04. Set spectrum analyzer as following: a) Set the RBW ≥ DTS bandwidth. b) Set VBW ≥ 3 x RBW. c) Set span ≥ 3 x RBW d) Sweep time = auto couple. e) Detector = peak. f) Trace mode = max hold. g) Allow trace to fully stabilize. h) Use peak marker function to determine the peak amplitude level.
	Test Result:	PASS



THE AVETON

NISTET AVISTET

ADD:Building A-B Baoshi Science & Technology Park, Baoshi Road, Bao'an District, Shenzhen, Guangdong, China TEL:86/755-26996192 26992308 FAX:86-758-86376605. E-mail: Fengbing.Wang@wsct-cert.com Http://www.wsct-cert.com

Page 14 of 47









Report No.: WSCT-A2LA-R&E240700029A-LE

Certificate #5768.01

Please Contact with WSCT www.wsct-cert.com

6.3.2. Test Data

	BLE 1M				
Test channel	Maximum Conducted Output Power (dBm)	Limit (dBm)	Result		
Lowest	4.70	30.00	PASS		
Middle	5.09	30.00	PASS		
Highest	3.92	30.00	PASS		

	A Company of the Comp	Applications (Applications)	Application of the second of t			
,	BLE 2M					
	Test channel	Maximum Conducted Output Power (dBm)	Limit (dBm)	Result		
١	Lowest	4.91	30.00	PASS		
	Middle	5.20	30.00	PASS		
	Highest	4.19	30.00	PASS		

Test plots as follows:

AVESTATION	WESTER	WHITE	WATER	WHAT	
	THE NY ES		$\langle $	\times	76198
WEIGH .	Wister	WESTER	W5101	Wester	
	TO AVE			X	VET 4
NVF141	WASTER TO SERVICE AND ADDRESS OF THE PARTY.	WESTER	WATER	WETER	
cation &	$\langle \ \rangle$				W-J # B

地灣认证股份 penzhen) Co., Ltd.

S PHOM * PIT









Certificate #5768.01

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

6.4. Emission Bandwidth

6.4.1. Test Specification

Test Requirement:	FCC Part15 C Section 15.247 (a)(2)
Test Method:	KDB558074
Limit:	>500kHz
Test Setup:	Special Control Contro
Test Mode:	Refer to item 4.1
Test Procedure:	 The testing follows FCC KDB Publication No. 558074 DTS D01 Meas. Guidance v04. Set to the maximum power setting and enable the EUT transmit continuously. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW) = 100 kHz. Set the Video bandwidth (VBW) = 300 kHz. In order to make an accurate measurement. The 6dB bandwidth must be greater than 500 kHz.
	4. Measure and record the results in the test report.
Test Result:	PASS











Report No.: WSCT-A2LA-R&E240700029A-LE

Certificate #5768.01

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

6.4.2. Test data

	_			
BL		-	М	
ĸı			IV/I	
\mathbf{D}	400	- / -	IVI	

		1 20 3 10 200 5	F11 / M11	W AND IN	
7	Test channel	6dB Emission Bandwidth (kHz)			
	rest chamilei	BT LE mode	Limit	Result	
0	Lowest	0.650	>500k	11474	
	Middle	0.631	>500k	PASS	
	Highest	0.650	>500k		

BLE 2M

S PHOM * PIT

Toot channel	6dB Emission Bandwidth (kHz)				
Test channel	BT LE mode	Limit	Result		
Lowest	1.077	>500k	WSET		
Middle	0.942	>500k	PASS		
Highest	0.908	>500k			

Test plots as follows:

NV 5191	N/FIBI	WHITE	WETGE	WSTOT
	NV ES	$\langle \ \ \rangle$		1918
17/5141	WSGI	WEIGH	W6519	W/5191
	191			TO WESTER
NISTATE OF THE PARTY.	N/A-THE	NIE GE	17519	WETG
official & 7				THE WISTON

Page 17 of 47

ADD:Building A-B Baoshi Science & Technology Park, Baoshi Road, Bao'an District, Shenzhen, Guangdong, China TEL:86,755-26996192 26992306 FAX:66-755-86376605 E-mail: Fengbing.Wang@wsci-cert.com Http://www.wsci-cert.com

Member of the WSCT INC.



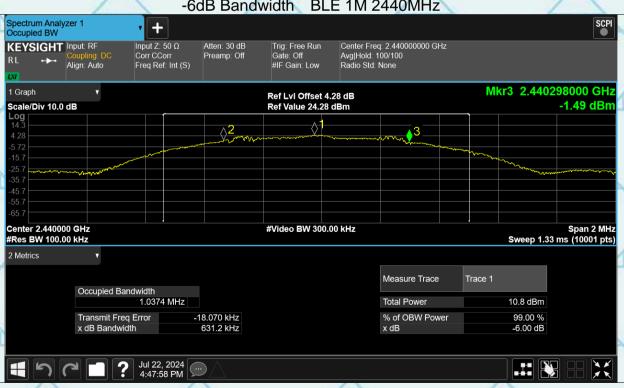


















































Certificate #5768.01

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

6.5. Power Spectral Density

6.5.1. Test Specification

Z 1 1 7 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1	216198
Test Requirement:	FCC Part15 C Section 15.247 (e)
Test Method:	KDB558074
Limit:	The peak power spectral density shall not be greater than 8dBm in any 3kHz band at any time interval of continuous transmission.
Test Setup:	Spectrum Analyzer EUT
Test Mode:	Refer to item 4.1
Test Procedure:	 The testing follows Measurement Procedure 10.2 Method PKPSD of 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. Set to the maximum power setting and enable the EUT transmit continuously. 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 times DTS Channel Bandwidth. (6dB BW) Detector = peak, Sweep time = auto couple, Trace mode = max hold, Allow trace to fully stabilize. Use the peak marker function to determine the maximum power level. Measure and record the results in the test report.
Test Result:	PASS











Report No.: WSCT-A2LA-R&E240700029A-LE

Certificate #5768.01

Please Contact with WSCT www.wsct-cert.com

6.5.2. Test data

7	Power Spectral Density (dBm/3kHz) Test channel				
	rest charmer	BLE 1M	Limit	Result	
	Lowest	-10.20	8 dBm/3kHz		
9	Middle	-10.62	8 dBm/3kHz	PASS	
	Highest	-11.35	8 dBm/3kHz		

Test channel	Power Spectral D	Hz)	
rest channel	BLE 2M	Limit	Result
Lowest	-10.99	8 dBm/3kHz	
Middle	-11.83	8 dBm/3kHz	PASS
Highest	-11.35	8 dBm/3kHz	

Test plots as follows:

S PHOM * PI

WEIGH	Wister	WSUT	W-51-91	WHITE	
			$\langle $	X	X
WATER OF THE PARTY	AVI-SLOT	W-14	NATO N	STAT WESTER	WSET
				X	11/2-10-0
WETH	NVETO	WEIGH	NIA-TER B	WATER OF	
ation & 7				X	Wester

ADD:Building A-B Baoshi Science & Technology Park, Baoshi Road, Bao'an District, Shenzhen, Guangdong, China TEL:86.755-26996192 26992306 FAX 66-755-86376605 E-mail: Fengbing.Wang@wact-cert.com Http://www.wsct-cert.com





















Report No.: WSCT-A2LA-R&E240700029A-LE







ADD:Building A-B Baoshi Science & Technology Park, Baoshi Road, Bao'an District, Shenzhen, Guangdong, China TEL:86-755-26996192 26992306 FAX:86-758-86376605 E-mail: Fengbing.Wang@wsct-cert.com Http://www.wsct-cert.com



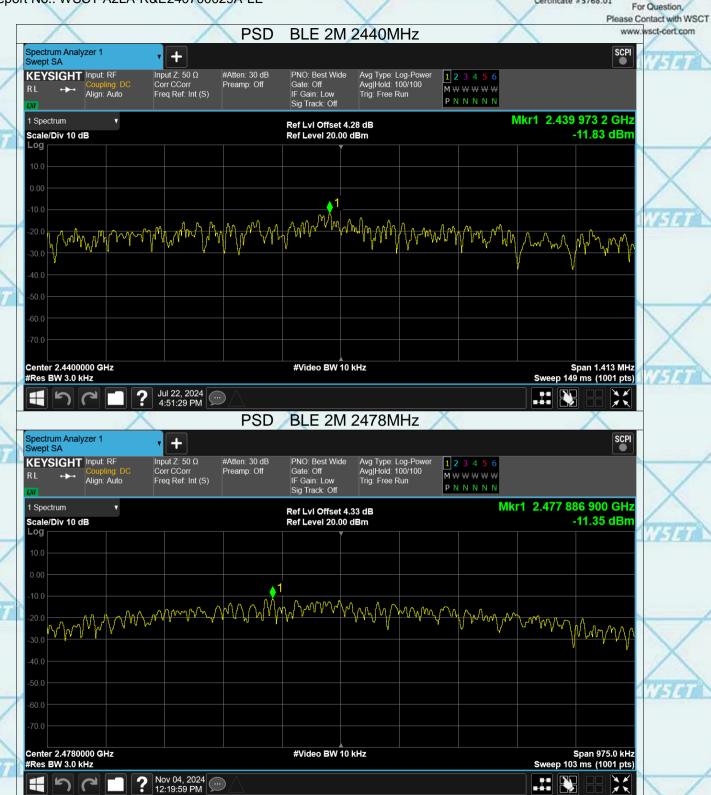






Report No.: WSCT-A2LA-R&E240700029A-LE







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@wsct-cert.com Http://www.wsct-cert.com









ertificate #5768.01

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

6.6. Conducted Band Edge and Spurious Emission Measurement

6.	6.1. Test Specification	WATER WATER
	Test Requirement:	FCC Part15 C Section 15.247 (d)
1	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
/	Test Mode:	Refer to item 4.1
	Test Procedure:	 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. 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 a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB per 15.247(d). Measure and record the results in the test report. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
	Test Result:	PASS









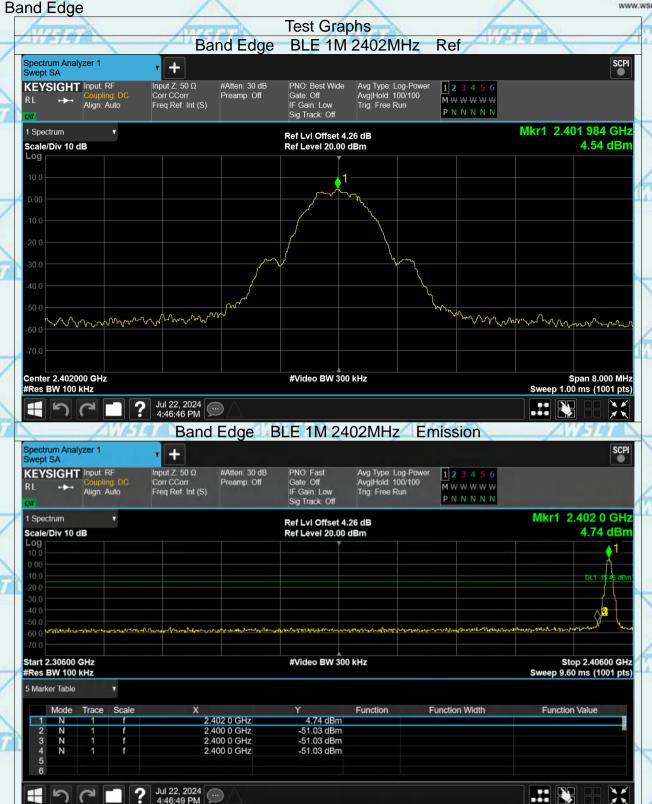


Report No.: WSCT-A2LA-R&E240700029A-LE

Test Data

Certificate #5768.01

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





ADD:Building A-B Baoshi Science & Technology Park, Baoshi Road, Bao'an District, Shenzhen, Guangdong, China TEL:86-755-2696192 26992308 FAX 86-755-86376605. E-mail: Fengbing Wang@wscl-cert.com Http://www.wscl-cert.com









Report No.: WSCT-A2LA-R&E240700029A-LE



For Question,
Please Contact with WSCT





ADD:Building A-B Baoshi Science & Technology Park, Baoshi Road, Bao'an District, Shenzhen, Guangdong, China TEL:86-755-26996192 26992308 FAX 86-755-86376605 E-mail: Fengbing.Wang@wact-cert.com Http://www.wsct-cert.com



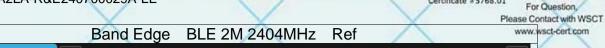




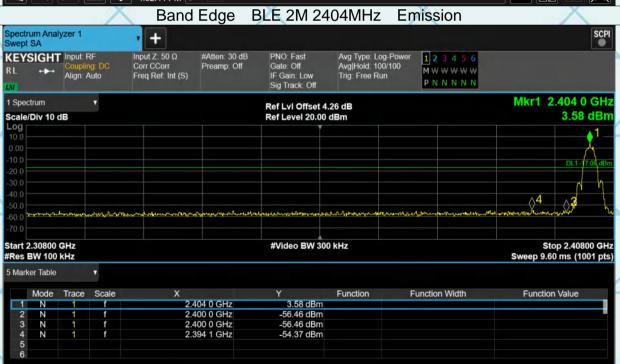


Report No.: WSCT-A2LA-R&E240700029A-LE











Jul 22, 2024 4:52:47 PM



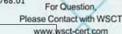


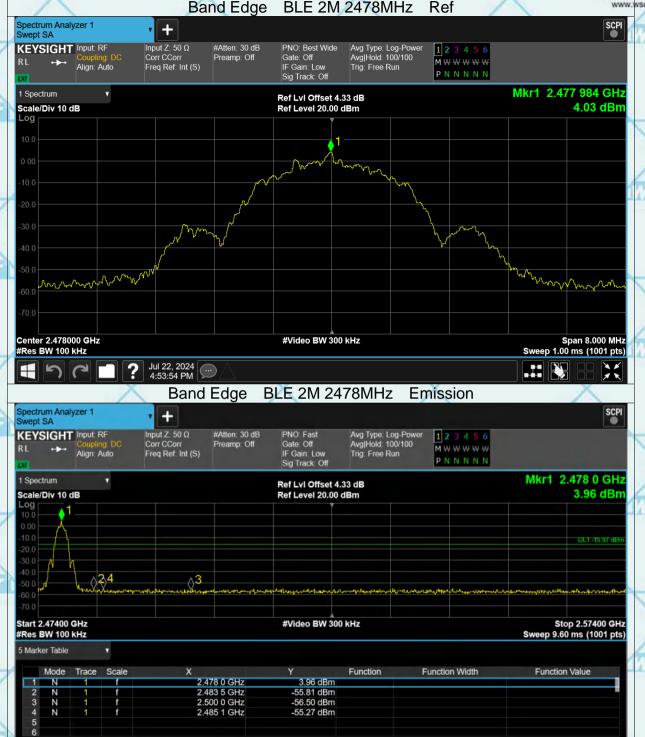




Report No.: WSCT-A2LA-R&E240700029A-LE









Jul 22, 2024 4:53:57 PM

> ADD:Building A-B Baoshi Science & Technology Park, Baoshi Road, Bao'an District, Shenzhen, Guangdong, China TEL:86-755-26996192 26992306 FAX:86-758-86376605 E-mail: Fengbing Wang@wscl-cert.com Http://www.wscl-cert.com









Report No.: WSCT-A2LA-R&E240700029A-LE Certificate #5768.01 For Question, Conducted RF Spurious Emission Please Contact with WSCT www.wsct-cert.com Test Graphs BLE 1M 2402MHz Tx. Spurious Ref Spectrum Analyzer 1 Swept SA SCPI + Input Z: 50 Ω Corr CCorr #Atten: 30 dB Preamp: Off PNO: Best Wide KEYSIGHT Input: RF Avg Type: Log-Power Avg|Hold: 100/100 1 2 3 4 5 6 Gate: Off $M \bowtie \bowtie \bowtie \bowtie \bowtie$ Align: Auto Freq Ref: Int (S) Trig: Free Run Mkr1 2.401 985 0 GHz Ref Lvl Offset 4.26 dB Scale/Div 10 dB Ref Level 20.00 dBm 4.57 dBm Span 1.500 MHz Sweep 1.00 ms (1001 pts) Center 2.4020000 GHz #Res BW 100 kHz #Video BW 300 kHz Jul 22, 2024 4:46:53 PM Tx. Spurious BLE 1M 2402MHz Emission SCPI Spectrum Analyzer 1 + vept SA PNO: Fast Gate: Off IF Gain: Low Sig Track: Off KEYSIGHT Input: RF Input Z: 50 Ω #Atten: 30 dB Avg Type: Log-Power Avg|Hold: 10/10 1 2 3 4 5 6 MWWWWW Align: Auto Freq Ref: Int (S) Trig: Free Run PNNNN Mkr1 2.401 7 GHz Ref LvI Offset 4.26 dB 3.08 dBm Ref Level 20.00 dBm





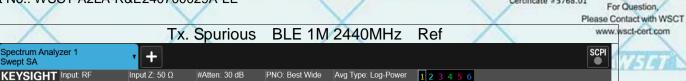


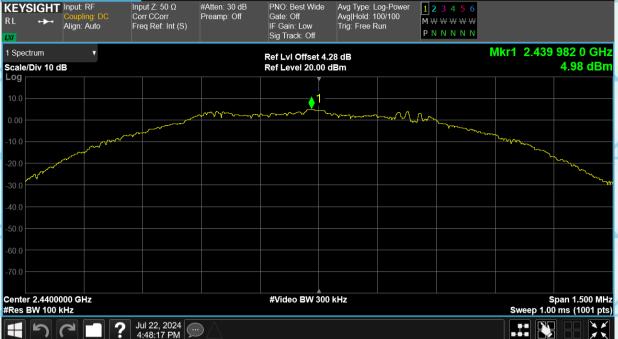


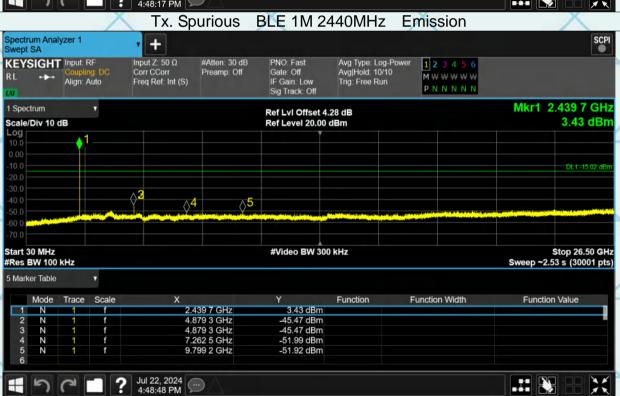






















Report No.: WSCT-A2LA-R&E240700029A-LE



For Question,
Please Contact with WSCT





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









Report No.: WSCT-A2LA-R&E240700029A-LE



For Question,
Please Contact with WSCT













Report No.: WSCT-A2LA-R&E240700029A-LE







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









Report No.: WSCT-A2LA-R&E240700029A-LE







ADD:Building A-B Baoshi Science & Technology Park, Baoshi Road, Bao'an District, Shenzhen, Guangdong, China TEL:86-755-26996192 26992306 FAX:86-758-86376605 E-mail: Fengbing Wang@wscl-cert.com Http://www.wscl-cert.com









Certificate #5768.01

Please Contact with WSCT www.wsct-cert.com

6.7. Radiated Spurious Emission Measurement

6.	7.1. Test Specification	1		1		A. Allendar		
	Test Requirement:	FCC Part15	C Sectio	n 15.209			X	
2	Test Method:	ANSI C63.10):2014	1779		/	17474	
	Frequency Range:	9 kHz to 25 (GHz		1	/		
	Measurement Distance:	3 m	X		X			
	Antenna Polarization:	Horizontal &	Vertical	1	1167	4		
	Operation mode:	Refer to item	4.1					
		Frequency	Detecto	r RBW	VBW		Remark	
ì	WST	9kHz- 150kHz	Quasi-pe	ak 200Hz	1kHz	Quas	si-peak Value	
		150kHz-	Quasi-pe	ak 9kHz	30kHz Quas		si-peak Value	
	Receiver Setup:	30MHz		1 1001611	0001(11			
	\wedge	30MHz-1GHz	Quasi-peak	ak 100KHz 1MHz	300KHz 3MHz	Quasi-peak Value Peak Value		
	(V218)	Above 1GHz	Peak	1MHz	10Hz		erage Value	
7	11719		i can	TIVITIZ	TOTIZ	7100	crage value	
		Frequen	CV	Field Stre	ength	Mea	asurement	
					(microvolts/meter)		Distance (meters)	
5	harries and the same of the sa	0.009-0.4		2400/F(h		300		
	WETAT	0.490-1.7 1.705-3		24000/F(30	KHZ)	30		
		30-88		100			3	
		88-216		150			3	
	Limit:	216-96	0	200	hamme		3	
,	11674	Above 9	60	500	1167	WAL.	3	
	X	X	Fie	eld Strength	Measure			
1		Frequency	(mic	rovolts/meter)	Distan (meter		Detector	
	17/19/	A1474	_	500	3	J)	Average	
		Above 1GHz		5000	3		Peak	
	X	For radiated	X					
		Lear radiated	OMICCION	an halaw 20	111 / LU -			

For radiated emissions below 30MHz

Computer Pre -Amplifier Ground Plane 30MHz to 1GHz

Test setup:

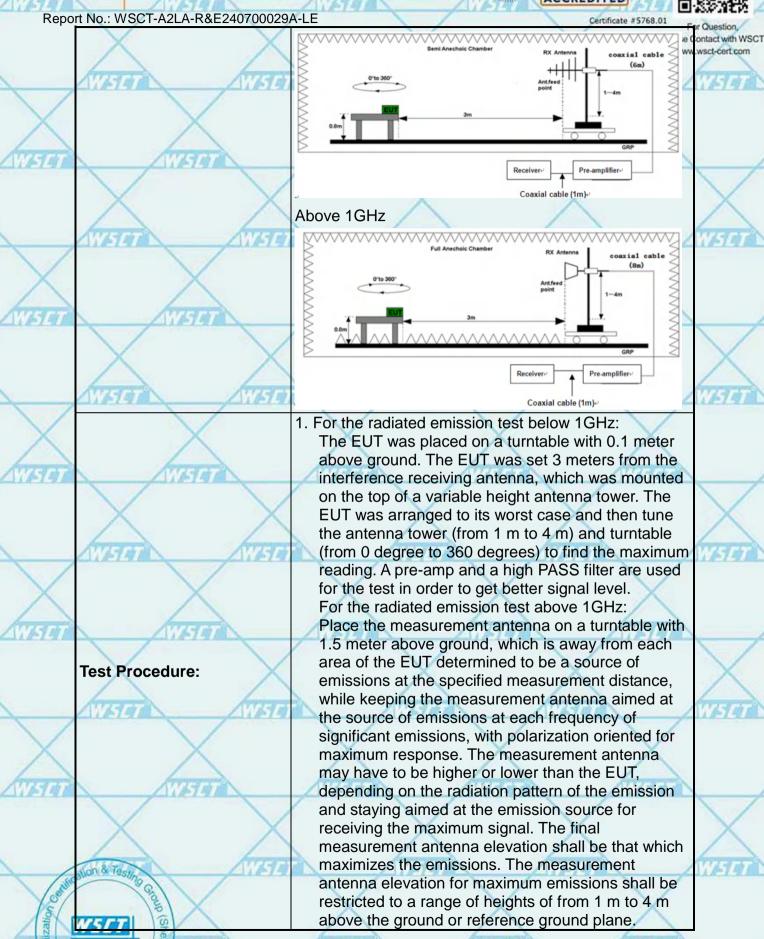
DHOM * PI

Page 37 of 47









ADD:Building A-B Baoshi Science & Technology Park, Baoshi Road, Bao'an District, Shenzhen, Guangdong, China TEL:86-755-26996192 26992306 FAX:66-758-86376605 E-mail: Fengbing, Wang@wsci-cert.com Http://www.wsci-cert.com









Report No.: WSCT-A2LA-R&E240700	0029A-LE	Certificate #5768.01
X	2. Corrected Reading: Antenna Fa Read Level - Preamp Factor =	
WSTOT	3. For measurement below 1GHz,	If the emission level
	of the EUT measured by the per lower than the applicable limit,	the peak emission
	level will be reported. Otherwise measurement will be repeated	
11679	detector and reported.	16798
	4. Use the following spectrum anal (1) Span shall wide enough to fi	
	emission being measured;	uny capture the
17791	(2) Set RBW=100 kHz for f < 1	GHz; VBW ≥RBW;
X	Sweep = auto; Detector fund max hold;	ction = peak; Trace =
WEIGT	(3) Set RBW = 1 MHz, VBW= 3 for peak measurement.	MHz for f 1 GHz
	For average measurement: VB	W = 10 Hz, when
	duty cycle is no less than 98 pe	ercent. VBW ≥ 1/T,
NVST 9 AVI	when duty cycle is less than 98 the minimum transmission dura	
X	transmitter is on and is transmi power control level for the teste	
Test mode:	Refer to section 4.1 for details	AVE TO A
Test results:	PASS	
X	X	X

Note: Freq. = Emission frequency in MHz Reading level (dB μ V) = Receiver reading Corr. Factor (dB) = Attenuation factor + Cable loss Level (dB μ V) = Reading level (dB μ V) + Corr. Factor (dB) Limit (dB μ V) = Limit stated in standard Margin (dB) = Level (dB μ V) - Limits (dB μ V)

Warld Starks of Control of Contro

NISTOT NISTOT

WSET

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@wsct-cert.com Http://www.wsct-cert.com









Report No.: WSCT-A2LA-R&E240700029A-LE

Certificate #5768.01

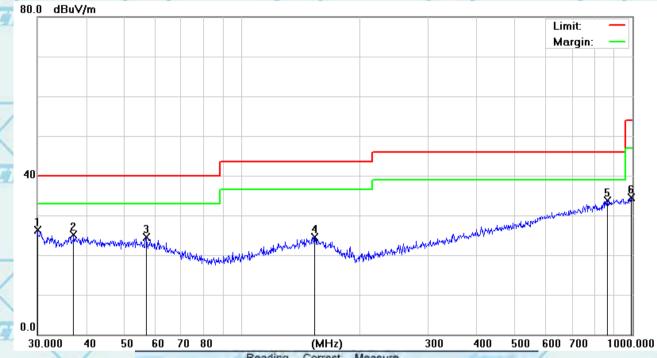
Please Contact with WSCT www.wsct-cert.com

6.7.2. Test Data(Worst case)

Please refer to following diagram for individual

Below 1GHz

The worst mode is BLE 2M Horizontal:



	No.	Mk.	Freq.	Level	Factor	ment	Limit	Over		
			MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	
	1.		30,0000	28.81	-2.60	26.21	40.00	-13.79	QP	Ī
	2	4	37.1550	27.03	-1.85	25.18	40.00	-14.82	QP	Ī
	3		56.9912	27.09	-2.62	24.47	40.00	-15.53	QP	
1	4		153.7385	25.95	-1.48	24.47	43.50	-19.03	QP	
Z	5		863.0562	26.66	7.03	33.69	46.00	-12.31	QP	
ľ	6	- 8	993.0114	25.93	8.55	34.48	54.00	-19.52	QP	/

THE THE PERSON NAMED IN

X

WSET Shenzio

141

AWSET"

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@wact-cert.com Http://www.wsct-cert.com











Note1:

Freq. = Emission frequency in MHz

Reading level (dBµV) = Receiver reading

3

4

5

6

Corr. Factor (dB) = Antenna factor + Cable loss - Amplifier factor.

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)

42.6000

101.6443 884.5029

958.7943

29.43

30.29

26.87

26.82

-1.80

-5.47

7.36

8.20

27.63

24.82

34.23

35.02

40.00

43.50

46.00

46.00

-12.37

-18.68

-11.77

-10.98

OP

QP

QP

QP

World Start In Dept. Control to A Party Stroup (She

ADD:Building A-B Baoshi Science & Technology Park, Baoshi Road, Bao'an District, Shenzhen, Guangdong, China TEL:86-755-26998192 26992308 FAX-86-755-86378605 E-mail: Fengbing Wang@wsci-cert.com Http://www.wsci-cert.com









Report No.: WSCT-A2LA-R&E240700029A-LE

Certificate #5768.01

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

Above 1GHz(The worst mode is BLE 2M)

Note 1: The marked spikes near 2400 MHz with circle should be ignored because they are Fundamental signal

Note 2: The spurious above 18G is noise only, do not show on the report.

Low channel: 2402MHz

Horizontal:



Suspi	uted Data Lis	t								
NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1960.0000	45.45	2.11	43.34	74	-28.55	72.6	Horizontal	PK	Pass
1	1960.0000	31.96	2.11	29.85	54	-22.04	72.6	Horizontal	AV	Pass
2	2435.6250	49.05	7.69	41.36	74	-24.95	84.6	Horizontal	PK	Pass
2	2435.6250	37.5	7.69	29.81	54	-16.5	84.6	Horizontal	AV	Pass
3	5718.1250	56.77	21.31	35.46	74	-17.23	0	Horizontal	PK	Pass
3	5718.1250	48.19	21.31	26.88	54	-5.81	0	Horizontal	AV	Pass
4	8304.0000	42.15	37.12	5.03	74	-31.85	360.1	Horizontal	PK	Pass
4	8304.0000	34.39	37.12	-2.73	54	-19.61	360.1	Horizontal	AV	Pass
5	11082.0000	46.54	39.43	7.11	74	-27.46	360.1	Horizontal	PK	Pass
5	11082.0000	39.4	39.43	-0.03	54	-14.6	360.1	Horizontal	AV	Pass
6	17911.5000	53.33	45.91	7.42	74	-20.67	10.6	Horizontal	PK	Pass
6	17911.5000	46.2	45.91	0.29	54	-7.8	10.6	Horizontal	AV	Pass

Warld Start Visit Commonton (Constroup ISh

AWSET

WSET

AWSET

ADD:Building A-B Baoshi Science & Technology Park, Baoshi Road, Bao'an District, Shenzhen, Guangdong, China TEL:86-755-26996192 26992308 FAX:86-758-86376605 E-mail: Fengbing.Wang@wsct-cert.com Http://www.wsct-cert.com









Report No.: WSCT-A2LA-R&E240700029A-LE

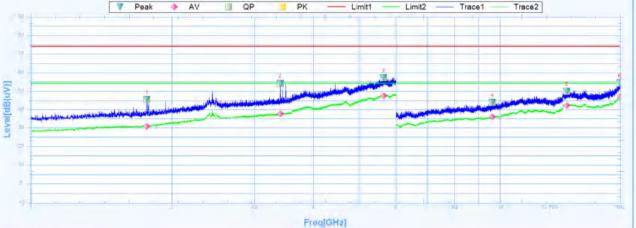




For Question,
Please Contact with WSCT

ct-cert.com





Susputed Data List Deg Margin Reading Factor Level Limit NO. **Polarity** Trace Verdict [MHz] [dB(uV)] [dB] [dB(uV)] [dB] [dB] ["] 0.73 44.77 PK 1768.1250 45.5 74 -28.5 3.5 Vertical Pass 1768.1250 30.63 0.73 29.9 54 -23.373.5 Vertical ΑV Pass 3401.8750 53.98 9.35 44 63 74 -20.02 53.5 Vertical PK Pass 2 3401.8750 37.7 9.35 28.35 54 -16.353.5 Vertical AV Pass 3 57.23 20.99 36.24 122.8 PK 5639.3750 74 -16.77 Pass Vertical 3 5639.3750 47.42 20.99 26.43 54 -6.58 122.8 Vertical ΑV Pass 4 9628.5000 43.95 37.84 6.11 74 -30.05 351.1 Vertical PK Pass 4 9628.5000 36.02 37.84 -1.82 54 -17.98 351.1 AV Pass Vertical 5 13860.0000 49.86 41.14 8.72 74 -24.14121.2 Vertical PK Pass 5 54 Pass 13860.0000 42.14 41.14 -11.86 121.2 Vertical AV 1 6 17977.5000 54.32 46.35 7.97 74 -19.68331.6 Vertical PK Pass 6 47.06 54 17977.5000 46.35 0.71 -6.94331.6 AV Vertical Pass

WEIGHT WEIGHT WEIGHT WEIGHT WEIGHT WEIGHT

世标检测认证股份 Snoup (Shenzhen) Co., Ltd.

PHOM * PIT

ADD:Building A-B Baoshi Science & Technology Park, Baoshi Road, Bao'an District, Shenzhen, Guangdong, China TEL:86/755-26996192 26992300 FAX:86-755-96376605. E-mail: Fengbing Wang@wact-cert.com Http://www.wsct-cert.com



ilac MRA





Report No.: WSCT-A2LA-R&E240700029A-LE

Middle channel: 2440MHz

Horizontal:

SO WOW * PT

Certificate #5768.01

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



Susp	uted Data Lis	t								
NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	2446.2500	46.86	7.73	39.13	74	-27.14	231.7	Horizontal	PK	Pass
1	2446.2500	37.81	7.73	30.08	54	-16.19	231.7	Horizontal	AV	Pass
2	3505.0000	55.76	9.67	46.09	74	-18.24	91.8	Horizontal	PK	Pass
2	3505.0000	37.76	9.67	28.09	54	-16.24	91.8	Horizontal	AV	Pass
3	5968.7500	57.18	21.84	35.34	74	-16.82	85.8	Horizontal	PK	Pass
3	5968.7500	47.5	21.84	25.66	54	-6.5	85.8	Horizontal	AV	Pass
4	10290.0000	44.26	38.51	5.75	74	-29.74	72.2	Horizontal	PK	Pass
4	10290.0000	37.2	38.51	-1.31	54	-16.8	72.2	Horizontal	AV	Pass
5	13932.0000	50.11	41.32	8.79	74	-23.89	1	Horizontal	PK	Pass
5	13932.0000	42.38	41.32	1.06	54	-11.62	1	Horizontal	AV	Pass
6	17877.0000	53.52	45.68	7.84	74	-20.48	322	Horizontal	PK	Pass
6	17877.0000	45,98	45.68	0.3	54	-8.02	322	Horizontal	AV	Pass

WESTER WESTER WESTER WESTER WESTER WESTER WESTER

Page 44 of 47

ADD:Building A-B Baoshi Science & Technology Park, Baoshi Road, Bao'an District, Shenzhen, Guangdong, China TEL:86,755-26996192 26992306 FAX:66-755-86376605 E-mail: Fengbing.Wang@wsci-cert.com Http://www.wsci-cert.com

Member of the WSCT INC.









Report No.: WSCT-A2LA-R&E240700029A-LE

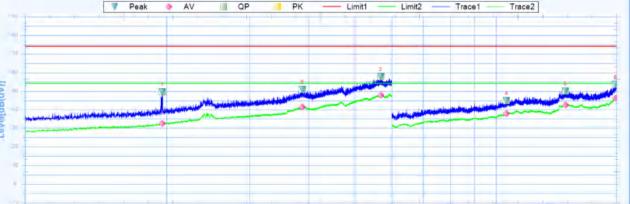
Vertical:

Certificate #5768.01

For Question, Please Contact with WSCT

ct-cert.com





Freq[GHz]

Suspi	uted Data Lis	t								
NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	1956.2500	49.72	2.08	47.64	74	-24.28	359.5	Vertical	PK	Pass
1	1956.2500	32.32	2.08	30.24	54	-21.68	359.5	Vertical	AV	Pass
2	3875.6250	50.94	11.53	39.41	74	-23.06	358.8	Vertical	PK	Pass
2	3875.6250	41.48	11.53	29.95	54	-12.52	358.8	Vertical	AV	Pass
3	5683.7500	57.85	21.2	36.65	74	-16.15	268.6	Vertical	PK	Pass
3	5683.7500	47.99	21.2	26.79	54	-6.01	268.6	Vertical	AV	Pass
4	10519.5000	45.1	38.83	6.27	74	-28.9	339.9	Vertical	PK	Pass
4	10519.5000	37.9	38.83	-0.93	54	-16.1	339.9	Vertical	AV	Pass
5	14022.0000	50.03	41.47	8.56	74	-23.97	176.2	Vertical	PK	Pass
5	14022.0000	42.56	41.47	1.09	54	-11.44	176.2	Vertical	AV	Pass
6	17910.0000	53.59	45.9	7.69	74	-20.41	0.5	Vertical	PK	Pass
6	17910.0000	46.26	45.9	0.36	54	-7.74	0.5	Vertical	AV	Pass

Shenzh

SHOW WOUNDER

ADD:Building A-B Baoshi Science & Technology Park, Baoshi Road, Bao'an District, Shenzhen, Guangdong, China TEL:86,755-26996192 26992306 FAX:66-755-86376605 E-mail: Fengbing.Wang@wsci-cert.com Http://www.wsci-cert.com









Report No.: WSCT-A2LA-R&E240700029A-LE

High channel: 2480MHz

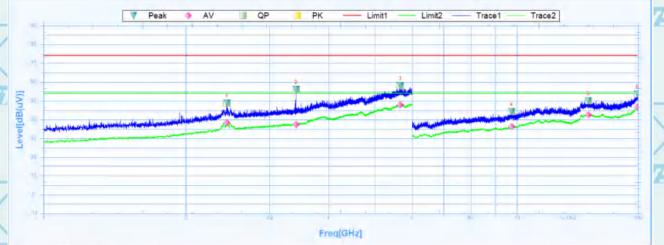
Horizontal:

TO * MONON

世标检测认证股份

Certificate #5768.01

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



Suspi	uted Data Lis	t								
NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdic
1	2438.7500	48.79	7.7	41.09	74	-25.21	0	Horizontal	PK	Pass
1	2438.7500	38.44	7.7	30.74	54	-15.56	0	Horizontal	AV	Pass
2	3418.7500	55.99	9.46	46.53	74	-18.01	35.6	Horizontal	PK	Pass
2	3418.7500	37.45	9.46	27.99	54	-16.55	35.6	Horizontal	AV	Pass
3	5669.3750	58.11	21.14	36.97	74	-15.89	0	Horizontal	PK	Pass
3	5669.3750	47.92	21.14	26.78	54	-6.08	0	Horizontal	AV	Pass
4	9739.5000	44.4	37.92	6.48	74	-29.6	226.5	Horizontal	PK	Pass
4	9739.5000	36.42	37.92	-1.5	54	-17.58	226.5	Horizontal	AV	Pass
5	14134.5000	50	41.33	8.67	74	-24	0.7	Horizontal	PK	Pass
5	14134.5000	42.63	41.33	1.3	54	-11.37	0.7	Horizontal	AV	Pass
6	17956.5000	53.55	46.21	7.34	74	-20.45	310.2	Horizontal	PK	Pass
6	17956.5000	46.77	46.21	0.56	54	-7.23	310.2	Horizontal	AV	Pass

Page 46 of 47

ADD:Building A-B Baoshi Science & Technology Park, Baoshi Road, Bao'an District, Shenzhen, Guangdong, China TEL:86,755-26996192 26992306 FAX:66-755-86376605 E-mail: Fengbing.Wang@wsci-cert.com Http://www.wsci-cert.com

Member of the WSCT INC.









Report No.: WSCT-A2LA-R&E240700029A-LE

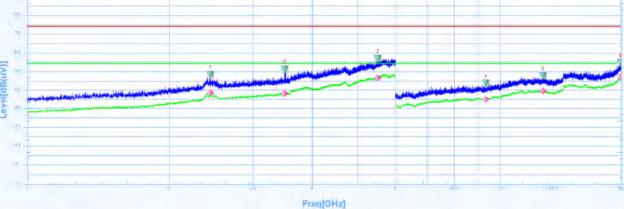
Vertical:

Certificate #5768.01

For Question, Please Contact with WSCT

ct-cert.com





Suspi	uted Data Lis	t.								
NO.	Freq. [MHz]	Reading [dB(uV)]	Factor [dB]	Level [dB(uV)]	Limit [dB]	Margin [dB]	Deg [°]	Polarity	Trace	Verdict
1	2438.7500	48.32	7.7	40.62	74	-25.68	350	Vertical	PK	Pass
1	2438.7500	38.52	7.7	30.82	54	-15.48	350	Vertical	AV	Pass
2	3502.5000	51.19	9.67	41.52	74	-22.81	284.4	Vertical	PK	Pass
2	3502.5000	38.13	9.67	28.46	54	-15.87	284.4	Vertical	AV	Pass
3	5513.7500	56.85	20.27	36.58	74	-17.15	85.9	Vertical	PK	Pass
3	5513.7500	46.53	20.27	26.26	54	-7.47	85.9	Vertical	AV	Pass
4	9325.5000	43.6	37.63	5.97	74	-30.4	35.1	Vertical	PK	Pass
4	9325.5000	34.95	37.63	-2.68	54	-19.05	35.1	Vertical	AV	Pass
5	12304.5000	47.74	38.69	9.05	74	-26.26	360	Vertical	PK	Pass
5	12304.5000	39.57	38.69	0.88	54	-14.43	360	Vertical	AV	Pass
6	17971.5000	54.5	46.31	8.19	74	-19.5	44.7	Vertical	PK	Pass
6	17971.5000	46.98	46.31	0.67	54	-7.02	44.7	Vertical	AV	Pass

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.

END OF REPORT**

NOW * PI

ADD:Building A-B Baoshi Science & Technology Park, Baoshi Road, Bao'an District, Shenzhen, Guangdong, China TEL:86,755-26996192 26992300 FAX:66-758-86376605 E-mail: Fengbing, Wang@wsct-cert.com Http://www.wsct-cert.com