



FCC RF Exposure Report

W5 CT

For

WSCT WSCT WSCT WSCT

ORAIMO TECHNOLOGY LIMITED

ELATINACIE DI OCK DUNIVEDRAL INDUSTRIAL CENTRE 10 25 SHAN MELSTREET FOTAN NT

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

HONGKONG

Model: OHP-915N

Report Number: WSCT-ANAB-R&E250300018A

Report Date: 27 March 2025

FCC ID: 2AXYP-OHP-915N

Prepared 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 City, Guangdong Province, China

Tel: +86-755-26996192 Fax: +86-755-86376605

WSET WSET WSET

WSCT WSCT WSCT WSCT

WSU WSU WSU

WSI 4 WSI 4 A

EL: 0086-755-26996192 26996053 26996144 FAX: 0086-755-86376605 E-mail: fengbing.wang@wsct-cert.com Http: www.wsct-cert.com

et, Shenzhen City Guangoong Province, China. 深圳世标检测认证股份有限公xang@wsct-cert.com Http://www.wsct-cert.com World Standard zation Certification

WSET WSET WSET

nember of the WSO I Gloup (WSO I SA)





	WSET	WSET	WSET		W5ET		WSET
X	X		able of contents	X		X	
1	General information						
WSCT	Notes		34	_W3L/ \		W3L/	3
1.2	EUT Information	X	X		X		4
2	Teeting leberatory						
2	Testing laboratory	WSLI	WSLT		WSET		WS CT
3	ACCREDITATIONS					 /	5
4	Applicant and Manufac	turer					5
W5/5	Test standard/s:	\ <u>\</u>	E.C.T.	WELT	/	ME ET	5
6	Test result						
•	X	X	X		X		X
7	Conclusion						
	WSET	WSLT	WSET		W5 CT		W5 CT
			\times	\times		\mathbf{V}	
		/					
W5 CT	WSET	W	SET	WSET		WS ET	
	X				X		
	WSET	WSCT	WSET		WSLT		WSCT
					Waler	$\overline{}$	WEIGH S
X	X		X	X		X	
WSET	WSET	W	S C T	WSCT		WS ET	
	WSET	WSET	WSET		W5 CT		W5 CT
X	X		X	X		X	
WSET	WSCT	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	SET	WSCT		WSET	/
111111111111111111111111111111111111111				717-151		VELSES.	
	X	\times	X		X		X
	WSET	WSET	W5 ET		WSET	Certification&	esting C
			V			2000	
		/				W5 C	Shen
WSET	WSCT	W	SET	WSCT		NEW Y	1000
	Baoli'an Industrial Park, No. 58 and 60, Tangtou			i未列	世标检测认证股份有限		PITION
TEL: 0086-755-26996 Member of the WSCT G	i192 26996053 26996144 FAX: 0086-75	5-86376605 E-mail: fengbi			d Standardization Certifica		henzhen) Co.,Ltd
4			Page 2 of 7				







WSET

Modified History

W5 CT

W5CT

	REV.	Modification Description	Issued Date	Remark
E	REV.1.0	Initial Test Report Relesse	27 March 2025	Li Huaibi
	IXEV.1.0	Illitial Test Neport Nelesse	27 Watch 2025	Li i idalbi
	X	X	X	

WSET WSET WSET WSET WSET

7/5/1 General information

1.1 Notes

WSCT WSCT W

WSCT

The test results of this test report relate exclusively to the test item specified in this test report. Shenzhen Timeway Testing Laboratories does not assume responsibility for any conclusions and generalisations drawn from the test results with regard to other specimens or samples of the type of the equipment represented by the test item. The test report is not to be reproduced or published in full without the prior written permission.

WSCT WSCT WSCT WSCT WSCT

WSCT WSCT WSCT WSCT

WSCT WSCT WSCT WSCT WSCT

WSET WSET WSET

NDD: Building A-B, Baoli'an Industrial Park, No.58 and 60, Tangtou Avenue, Shiyan Street, Bao'an District, Shenzhen City, Guangdong Province, Chin

FAX:0086-755-86376605 E-mail:fengbing.wang@wsct-cert.com Http://www.wsct-cert.com

深圳世标检测认证股份有限公司
World Standard Zation Certification& Testing Group

WELT

WSET

Page 3 of 7

WSCT WSCT

ation& Tesu

W5C1





1.2 EUT Information

	/ UF198		311
\times	Device Information:		
5 <i>C</i> 1	Product Type:	Wireless Headphones	
	Model:	OHP-915N	
	Trade Name:	oraimo	X
	Device Type:	Portable device	5 E T
	Exposure Category:	uncontrolled environment / general population	
	Production Unit or Identical Prototype:	Production Unit	
5 <i>C 1</i>	Antenna Type :	PCB Antenna	
	Device Operating Configurations:		X
	Modulation:	BT:GFSK, π/4-DQPSK, 8-DPSK BLE:GFSK w 5 Γ w 5 Γ r	SCT
\checkmark	Channel Separation:	BT:1MHz BLE: 2MHz	
	Operation Frequency:	2402MHz~2480MHz	
5 L I	Antenna Gain:	-0.24dBi	-/
	Power Source:	Rechargeable Li-ion Battery: 503035 Nominal Voltage: 3.7V Rated Energy: 1.85Wh Rated Capacity: 500mAh	SET
		Limited Charge Voltage: 4.2V	

Note: The test results of this test report relate exclusively to the test item specified in this test report. World Standardization Certification & Testing Group (Shenzhen) Co.,Ltd does not assume responsibility for any conclusions and generalisations drawn from the test results with regard to other specimens or samples of the type of the equipment represented by the test item. The test report is not to be reproduced or published in full without the prior written permission.

ation& Tes





Testing laboratory W5[7] 2

	Test Site	World Standardization Certification & Testing Group (Shenzhen) Co., Ltd.
X	Laboratory A:	Building A-B,Baoli'an Industrial Park,No.58 and 60,Tangtou Avenue, Shiyan Street,
		Bao'an District, Shenzhen City, Guangdong Province, China
7		Building J-7F and Building D, Dongjiang Science & Technology Park, Tangjia
L	Laboratory B:	Community, Fenghuang Street, Guangming District, Shenzhen City, Guangdong
		Province, China

ACCREDITATIONS

Our laboratories are accredited and approved by the following approval agencies according to ISO/IEC 17025.

CBTL	IECEE(international Electrotechnical Commiss,The	Laboratory A
CBIL	certificate registration number is TL672)	Laboratory B
China	CNAS (The certificated registration number: L3732)	Laboratory A
Cillia	CIVAS (The certificated registration flumber: £3732)	Laboratory B
USA	A2LA (The certificated registration number: 5768.01)	Laboratory A
USA	AZEA (The certificated registration number: 3700.01)	Laboratory B
USA	ANAB (The certificated registration number:AT-3951)	Laboratory A
USA	The Certificated registration number.A1-3931)	Laboratory B

Copies of granted accreditation certificates are available for downloading from our web site, http://www.wsct-cert.com

Applicant and Manufacturer

W5 ET°

WSET[®]

	Applicant/Client Name:	ORAIMO TECHNOLOGY LIMITED
	Applicant Address:	FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG
4	Manufacturer Name:	ORAIMO TECHNOLOGY LIMITED
	Manufacturer Address:	FLAT N 16/F BLOCK B UNIVERSAL INDUSTRIAL CENTRE 19-25 SHAN MEI STREET FOTAN NT HONGKONG

5 Test standard/s:

Identity **Document Title** No.

Radio frequency devices intentional radiators 47 CFR Part 15C 47 CFR Part 2.1093 Radio frequency radiation exposure evaluation: portable devices 2 KDB447498 D01 General RF Exposure Guidance v06

W5 ET

ation& Testi,

FAX: 0086-755-86376605

W5CT

深圳世标检测认证股份有限公司

W5CT°

WS CT

Page 5 of 7

W5CT°





6 Test result

I .According KDB 447498 D01 4.3.1 General SAR test exclusion guidance

Unless specifically required by the published RF exposure KDB procedures, standalone 1-g head or body and 10-g extremity SAR evaluation for general population exposure conditions, by measurement or numerical simulation, is not required when the corresponding SAR Test Exclusion Threshold condition(s), listed below, is (are) satisfied. These test exclusion conditions are based on source-based time-averaged maximum conducted output power of the RF channel requiring evaluation, adjusted for tune-up tolerance, and the minimum test separation distance required for the exposure conditions. The minimum test separation distance defined in 4.1 f) is determined by the smallest distance from the antenna and radiating structures or outer surface of the device, according to the host form factor, exposure conditions and platform requirements, to any part of the body or extremity of a user or bystander. To qualify for SAR test exclusion, the test separation distances applied must be fully explained and justified, typically in the SAR measurement or SAR analysis report, by the operating configurations and exposure conditions of the transmitter and applicable host platform requirements, according to the required published RF exposure KDB procedures. When no other RF exposure testing or reporting are required, a statement of justification and compliance must be included in the equipment approval, in lieu of the SAR report, to qualify for SAR test exclusion. When required, the device specific conditions described in the other published RF exposure KDB procedures must be satisfied before applying these SAR test exclusion provisions; for example, handheld PTT two-way radios, handsets, laptops and tablets, etc.

a) For 100 MHz to 6 GHz and test separation distances \leq 50 mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:

[(max. power of channel, including tune-up tolerance, mW) / (min. test separation distance, mm)]

[\sqrt{f} (GHz)] ≤ 3.0 for 1-g SAR, and ≤ 7.5 for 10-g extremity SAR, where

- 1).f (GHz) is the RF channel transmit frequency in GHz
- 2) Power and distance are rounded to the nearest mW and mm before calculation W5 [7]
- 3) The result is rounded to one decimal place for comparison
- 4) The values 3.0 and 7.5 are referred to as numeric thresholds in step b) below

The test exclusions are applicable only when the minimum test separation distance is ≤ 50 mm, and for transmission frequencies between 100 MHz and 6 GHz.

WSCT WSCT WSCT WSCT WSCT

W5CT[®]

W5 CT

IWS ET

WSET

W5CT

AWS CT

WSCT

WSCT[®]

深圳世标检测认证股份有限公司
World Standard ration Certification& Testing Group(Shenzhen) co., L

: 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







BT: WSCT

W5CT°

W5CT

WSET

WSCT

7											
	Test Mode	Channel Frequency (GHz)	Conducted power (dBm)	Conducted power (mW)	Max tune-up power (dBm)	Max tune-up power (mW)	Distance (mm)	Result calculation	SAR Exclusion threshold	SAR test exclusion	
7		2.402	7.38	5.47	8.00	6.31	5.00	1.956	3.00	Yes	
	GFSK	2.441	7.71	5.90	8.00	6.31	5.00	1.972	3.00	Yes	<u></u>
		2.480	7.53	5.66	8.00	6.31	5.00	1.987	3.00	Yes	
		2.402	7.38	5.47	8.00	6.31	5.00	1.956	3.00	Yes	
	π/4- DQPSK	2.441	7.71	5.90	8.00	6.31	5.00	1.972	972 3.00	Yes	
	DQI OIL	2.480	7.53	5.66	8.00	6.31	5.00	1.987	3.00	Yes	1
		2.402	7.35	5.43	8.00	6.31	5.00	1.956	3.00	Yes	
	8-DPSK	2.441	7.92	6.19	8.00	6.31	5.00	1.972	3.00	Yes	
		2.480	7.60	5.75	8.00	6.31	5.00	1.987	3.00	Yes	

W5CT

W5C

W5C

W5 CT

W5 CT

W5 ET

W5CT°

BLE:

	Test Mode	Channel Frequency (GHz)	Conducted power (dBm)	Conducted power (mW)	Max tune-up power (dBm)	Max tune-up power (mW)	Distance (mm)	Result calculation	SAR Exclusion threshold	SAR test exclusion
		2.402	-6.41	0.23	-5.50	0.28	5.00	0.087	3.00	Yes
	BLE(1M)	2.440	-5.79	0.26	-5.50	0.28	5.00	0.088	3.00	Yes
		2.480	-5.99	0.25	-5.50	0.28	5.00	0.089	3.00	Yes
7		2.402	-6.43	0.23	-5.50	0.28	5.00	0.087	3.00	Yes
	BLE(2M)	2.440	-5.80	0.26	-5.50	0.28	5.00	0.088	3.00	Yes
		2.480	-5.98	0.25	-5.50	0.28	5.00	0.089	3.00	Yes

WSET

WSET

W5ET

WS CT

WSCT

15 E T

7 Conclusion

W5L/

WSL/ N

MANY STATE

AVV S L /

For the max result : 1.987 ≤ FCC Limit 3.0 for 1g SAR.

W5CT°

AWS [T]

--END OF REPORT--

W5 CT

W5 CT

WSIT

WSET

WSFT

WSET

WSIT

W5CT

W5CT°

W5 CT

W5 CT

W5 ET

WS CT

ation& Testin

WELT

WSCT

FAX: 0086-755-86376605

WELT

WSET

深圳世标检测认证股份有限公司
World Standard Zation Certification & Testing Group (Shenzh

TEL: 0086-755-26996192 26996053 26

W5CT°

W5 CT

W5 CT

WSET