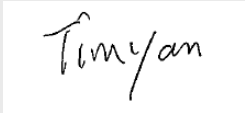


Test report No: 4949533.59

TEST REPORT

Electromagnetic Field Exposure (EMF)

Identification of item tested	Vibrating stroker	
Trademark	Arcwave	
Model and /or type reference	AND2A	
Marketing name	Thruster	
FCC ID	ZUEAND2A	
Features	5 Vdc, 1.5 A	
Applicant's name / address	WOW Tech Canada Ltd., 1545 Carling Avenue, Suite 401. Ottawa, Ontario, K1Z 8P9, Canada	
Test method requested, standard	KDB 447498 D01V06 FCC Part 1.1310	
Verdict Summary	COMPLIANCE	
Tested by (name & signature)	Harry Deng	
Approved by (name & signature)	Tim Yan	
Date of issue	2026-02-27	
Report template No	TRF_EMG 2017-06- FCC_Exposure	

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GENERAL CONDITIONS

1. This report is only referred to the item that has undergone the test.
2. This report does not constitute or imply on its own an approval of the product by the Certification Bodies or Competent Authorities.
3. This document is only valid if complete; no partial reproduction can be made without previous written permission of DEKRA.
4. This test report cannot be used partially or in full for publicity and/or promotional purposes without previous written permission of DEKRA.
5. This report will not be used for social proof function in China market.

UNCERTAINTY

For all measurements where guidance for the calculation of the instrumentation uncertainty of a measurement is specified in EN 55016-4-2 (CISPR 16-4-2), EN/IEC 61000-4 series or a product standard, the measurement instrumentation uncertainty has been calculated and applied in accordance with these standards.

Uncertainties have been calculated according to the DEKRA internal document. The reported expanded uncertainties are based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95%.

ENVIRONMENTAL CONDITIONS

The climatic conditions during the tests are within the limits specified by the manufacturer for the operation of the EUT and the test equipment. The climatic conditions during the tests were within the following limits:

Ambient temperature	15 °C – 35 °C
Relative Humidity air	30% - 60%
Atmospheric pressure	86 kPa – 106 kPa

If explicitly required in the basic standard or applied product / product family standard the climatic values are recorded and documented separately in this test report.

POSSIBLE TEST CASE VERDICTS

Test case does not apply to test object	N/A
Test object does meet requirement	P (Pass) / PASS
Test object does not meet requirement	F (Fail) / FAIL
Not measured	N/M

DEFINITION OF SYMBOLS USED IN THIS TEST REPORT

☒ Indicates that the listed condition, standard or equipment is applicable for this report/test/EUT.			
☐ Indicates that the listed condition, standard or equipment is not applicable for this report/test/EUT.			
Decimal separator used in this report	☐	Comma (,)	☒ Point (.)

ABBREVIATIONS

For the purposes of the present document, the following abbreviations apply:

EUT	: Equipment Under Test
QP	: Quasi-Peak
CAV	: CISPR Average
AV	: Average
CDN	: Coupling Decoupling Network
SAC	: Semi-Anechoic Chamber
OATS	: Open Area Test Site
BW	: Bandwidth
AM	: Amplitude Modulation
PM	: Pulse Modulation
HCP	: Horizontal Coupling Plane
VCP	: Vertical Coupling Plane
U_N	: Nominal voltage
Tx	: Transmitter
Rx	: Receiver
N/A	: Not Applicable
N/M	: Not Measured

DOCUMENT HISTORY

Report nr.	Date	Description
4949533.59	2026-02-27	First release.

REMARKS AND COMMENTS

The equipment under test (EUT) does meet the essential requirements of the stated standard(s)/test(s).

1 GENERAL INFORMATION

1.1 General Description of the Item(s)

Description of the item	Vibrating stroker
Trademark.....	Arcwave
Model / Type number	AND2A
Ratings	5 Vdc, 1.5 A
Manufacturer.....	WOW Tech Europe GmbH Hermann-Blankenstein-Str. 5, 10249 Berlin, Germany
Factory	TOPARC Technology (SHENZHEN) Co., Ltd. No. 23-1 Longteng Road, Baoan Community, Yuanshan Street, Longgang District, Shenzhen, Guangdong, China

RF information (according to applicant's declaration):

Operating frequency range(s).....	2402-2480 MHz
Maximum RF output power (conducted)	1.2 dBm
E.I.R.P.	0.62 dBm
Type of Modulation	GFSK
PHYs	LE 1M
Data Rate	1 Mbit/s
Antenna type.....	Integral Antenna
Antenna gain.....	-0.58 dBi
Number of channel	40
Operating Temperature Range.....	0 - 45 °C

Rated power supply	Voltage and Frequency		Reference poles				
			L1	L2	L3	N	PE
	☐	AC:	☐	☐	☐	☐	☐
	☒	DC: 5 V					
	☐	Battery:					
Mounting position.....	☒	Table top equipment					
	☐	Wall/Ceiling mounted equipment					
	☐	Floor standing equipment					
	☒	Hand-held equipment					
	☐	Other:					

Intended use of the Equipment Under Test (EUT)
--

The apparatus as supplied for the test is Vibrating stroker which intended for residential use. The product contains electronic circuitry and charged by external AC/DC adaptor.
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Copy of marking plate:

No provide.

1.2 The environment(s) in which the EUT is intended to be used

The equipment under test (EUT) is intended to be used in the following environment(s):

☒	Residential (domestic) environment.
☒	Commercial and light-industrial environment.
☐	Industrial environment.

2 RF EXPOSURE EVALUATION

2.1 Limits

According to KDB.447498-D01.General-RF Exposure Guidance-v06 section 4.3.1:

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

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f_{\text{(GHz)}}}] \leq 3.0 \text{ for 1-g SAR, and } \leq 7.5 \text{ for 10-g extremity SAR,}^{30} \text{ where}$$

- $f_{\text{(GHz)}}$ is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation³¹
- The result is rounded to one decimal place for comparison
- 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. When the minimum *test separation distance* is < 5 mm, a distance of 5 mm according to 4.1 f) is applied to determine SAR test exclusion.

2.2 Test Procedure

Software provided by client enabled the EUT to transmit and receive data at lowest, middle and highest channel individually.

The temperature and related humidity: 23°C and 50% RH.

2.3 Test Result

Test Mode	Frequency Band (MHz)	Conducted RF Power Output (dBm)	Antenna Gain (dBi)	Maximum EIRP (dBm)	Maximum Power (mW)	Maximum tune up power (mW)	Calculate Level	Limit
BLE	2400 ~ 2483.5	1.2	-0.58	0.62	1.15	1.32	0.40	3.0

Remark:

The test separation distances at < 5 mm.

--- END ---