




## SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR240100011802

Page: 1 of 7

# RF Exposure Evaluation Report

**Application No.:** SZCR2401000118AT  
**Applicant:** POZYX NV  
**Address of Applicant:** Gaston Crommenlaan 4 bus 410B, 9050, Ledeborg, Belgium  
**Manufacturer:** POZYX NV  
**Address of Manufacturer:** Gaston Crommenlaan 4 bus 410B, 9050, Ledeborg, Belgium  
**Factory:** NOTE Pärnu Oü  
**Address of Factory:** Laki 2, 80010 Pärnu, Estonia  
**Equipment Under Test (EUT):**  
**EUT Name:** Pozyx Anchor V2.2  
**Model No.:** 100020024  
**FCC ID:** 2AYPJ-100224  
**Trade Mark:**   
**Standards:** 47 CFR PART 1.1307  
47 CFR PART 1.1310  
47 CFR PART 2.1093  
447498 D04 Interim General RF Exposure Guidance v01  
**Date of Receipt:** 2024-01-11  
**Date of Test:** 2024-01-11 to 2024-01-18  
**Date of Issue:** 2024-01-25

<b>Test Result :</b>	<b>PASS*</b>
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\* In the configuration tested, the EUT complied with the standards specified above.



Keny Xu  
EMC Laboratory Manager



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Shenzhen Branch EMC Laboratory

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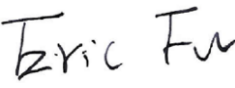
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2 Version

Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2024-01-25		Original

Authorized for issue by				
				
		Leo Lai/Project Engineer		
				
		Eric Fu/Reviewer		



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## 4 General Information

### 4.1 General Description of EUT

Power supply:	DC48V Powered By POE/POE+
Operating Frequency:	6489.6MHz
Modulation Type:	PM
Number of Channels:	1
Sample Type:	Indoor Use
Antenna Type:	PCB Antenna
Antenna Gain:	3.86dBi

Remark: The information in this section is provided by the applicant or manufacturer, SGS is not liable to the accuracy, suitability, reliability or/and integrity of the information.



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### 4.2 Test Location

All tests were performed at:

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No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China. 518057.

Tel: +86 755 2601 2053 Fax: +86 755 2671 0594

No tests were sub-contracted.

### 4.3 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

#### • A2LA (Certificate No. 3816.01)

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 3816.01.

#### • VCCI (Member No. 1937)

The 3m Fully-anechoic chamber for above 1GHz, 10m Semi-anechoic chamber for below 1GHz, Shielded Room for Mains Port Conducted Interference Measurement and Telecommunication Port Conducted Interference Measurement of SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen EMC laboratory have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: G-20026, R-14188, C-12383 and T-11153 respectively.

#### • FCC –Designation Number: CN1336

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been recognized as an accredited testing laboratory.

Designation Number: CN1336. Test Firm Registration Number: 787754.

#### • Innovation, Science and Economic Development Canada

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been recognized by ISED as an accredited testing laboratory.

CAB identifier: CN0006.

IC#: 4620C.



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### 4.4 Deviation from Standards

None.

### 4.5 Abnormalities from Standard Conditions

None.

### 4.6 Other Information Requested by the Customer

None.



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## 5 RF Exposure Evaluation

### 5.1 RF Exposure Compliance Requirement

#### 5.1.1 Limits

Per § 1.1307(b)(3)(i)(A), a single RF source is exempt RF device (from the requirement to show data demonstrating compliance to RF exposure limits, as previously mentioned) if the available maximum time-averaged power is no more than 1 mW, regardless of separation distance.

#### 5.1.2 Test Procedure

Software provided by client enabled the EUT to transmit data at test channel.

#### 5.1.3 EUT RF Exposure Evaluation

For UWB:

Frequency (MHz)	Max Peak Power (dBm)	Output Power (mW)	Limit (mW)	Result
6491.323	-1.02	0.79	1	PASS

As the maximum Peak EIRP for the EUT is less than 0dBm, which is less than 1mw, it's deemed to fulfil the RF exposure requirement.

- End of the Report -