



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

Test Result :	PASS*
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* In the configuration tested, the EUT complied with the standards specified above.

Keny Xu

Keny Xu
EMC Laboratory Manager



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

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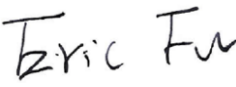
SZEMC-TRF-01 Rev. A/1

Report No.: SZCR240100011802

Page: 2 of 7

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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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR240100011802

Page: 3 of 7

3 Contents

	Page
1 Cover page	1
2 Version	2
3 Contents	3
4 General Information	4
4.1 General Description of EUT	4
4.2 Test Location	5
4.3 Test Facility	5
4.4 Deviation from Standards	6
4.5 Abnormalities from Standard Conditions	6
4.6 Other Information Requested by the Customer	6
5 RF Exposure Evaluation	7
5.1 RF Exposure Compliance Requirement	7
5.1.1 Limits	7
5.1.2 Test Procedure	7
5.1.3 EUT RF Exposure Evaluation	7



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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR240100011802

Page: 4 of 7

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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SZEMC-TRF-01 Rev. A/1

Report No.: SZCR240100011802

Page: 5 of 7

4.2 Test Location

All tests were performed at:

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

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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Page: 6 of 7

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 -