



1 **TYPE EXAMINATION CERTIFICATE**

2 Equipment intended for use in Potentially Explosive Atmospheres 2014/34/EU

3 Certificate Number: **Sira 18ATEX2077X** Issue: **0**

4 Equipment: **XP8800 Smartphone**

5 Applicant: **Sonim Technologies (Shenzhen) Limited**

6 Address: Block B, 2nd Floor  
Building #2  
Daqian Industrial Park  
Longchang Road  
67 District Baoan  
Shenzhen  
Guangdong, P.R. China

7 This equipment and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

8 Sira Certification Service certifies that this equipment has been found to comply with the Essential Health and Safety Requirements that relate to the design of Category 3 equipment, which is intended for use in potentially explosive atmospheres. These Essential Health and Safety Requirements are given in Annex II to European Union Directive 2014/34/EU of the European Parliament and of the Council, 26 February 2014.

The examination and test results are recorded in the confidential reports listed in Section 14.2.

9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule of this certificate, has been assessed by reference to:

EN 60079-0:2012/A11:2013 EN 60079-11:2012

The above list of documents may detail standards that do not appear on the UKAS Scope of Accreditation, but have been added through Sira's flexible scope of accreditation, which is available on request.

10 If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to Specific Conditions of Use specified in the schedule to this certificate.

11 This Type Examination Certificate relates only to the design of the specified equipment, and not to specific items of equipment subsequently manufactured.

12 The marking of the equipment shall include the following:



II 3GD  
Ex ic IIC T4 Gc IP64  
Ex ic IIIC T135 Dc IP64  
Tamb = -20°C to +55°C

Project Number 70166118

C Ellaby  
Deputy Certification Manager

This certificate and its schedules may only be reproduced in its entirety and without change.



**SCHEDULE**

**TYPE EXAMINATION CERTIFICATE**

**Sira 18ATEX2077X  
Issue 0**

**13 DESCRIPTION OF EQUIPMENT**

The XP8800 Smartphones are hazardous area Smartphones, and provide a high resolution touch display, camera, laser pointer, LED flashlight, SIM card connector and communication interfaces for Wi-Fi, Bluetooth, GPS and 3G networks.

The enclosure is constructed from plastic, with toughened glass windows.

Equipment model number: XP8800 – PX40YZ

XP8800: Fixed type number

P: Phone.

X: Not relevant for Ex certificate.

4: Ex product (used in hazardous location)

0: Smartphone

Y: Not relevant for Ex certificate.

Z: Not relevant for Ex certificate.

**14 DESCRIPTIVE DOCUMENTS**

**14.1 Drawings**

Refer to Certificate Annexe.

**14.2 Associated Sira Reports and Certificate History**

Issue	Date	Report number	Comment
0	02 July 2018	R70166118A	The release of the prime certificate.

**15 SPECIFIC CONDITIONS OF USE**

15.1 The equipment shall only be charged when in the non-hazardous area using a charger specifically supplied for use with the unit, approved as SELV or Class 2 equipment against IEC 60950-1, IEC 61010-1 or an equivalent standard. The maximum voltage and current from the charger shall not exceed 9Vdc and 1A respectively. The following chargers have been approved for use:

- Manufacturer: Salcomp S42A02, charger type: Firsto\_13.5W;

15.2 The area in which the equipment is to be used shall be a minimum of Pollution degree 2 as defined in IEC 60664-1.

15.3 With the exception of the battery cover, the enclosure of the XP8800 shall not be disassembled in any situation.

15.4 The XP8800 shall be protected from exposure to daylight or light from luminaires.

15.5 The XP8800 was tested in accordance with a low risk of mechanical danger, therefore mechanical impact in normal use shall be avoided.

**16 ESSENTIAL HEALTH AND SAFETY REQUIREMENTS OF ANNEX II (EHSRs)**

The relevant EHSRs that are not addressed by the standards listed in this certificate have been identified and individually assessed reports listed in Section 14.2.

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**Sira Certification Service**

Unit 6 Hawarden Industrial Park,  
Hawarden, CH5 3US, United Kingdom

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## SCHEDULE

### TYPE EXAMINATION CERTIFICATE

**Sira 18ATEX2077X**  
**Issue 0**

#### 17 **CONDITIONS OF MANUFACTURE**

- 17.1 The use of this certificate is subject to the Regulations Applicable to Holders of Sira Certificates.
- 17.2 Holders of Type Examination Certificates are required to comply with the production control requirements defined in Article 13 of Directive 2014/34/EU.
- 17.3 The equipment shall only be charged when in the non-hazardous area using a charger specifically supplied for use with the unit, approved as SELV or Class 2 equipment against IEC 60950-1, IEC 61010-1 or an equivalent standard. The maximum voltage and current from the charger shall not exceed 9Vdc and 1A respectively. The following chargers have been approved for use:
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# Certificate Annexe



**Certificate Number:** Sira 18ATEX2077X  
**Equipment:** XP8800 Smartphone  
**Applicant:** Sonim Technologies, Inc.

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## Issue 0

Drawing	Sheets	Rev.	Date (Sira stamp)	Title
20000136_3	1 to 29	DVT2	10 Jan 18	Main Board Schematic.
200000136_2	1 to 10	1.5	10 Jan 18	XP8800 Electronic Part List (BOM)
360000160	1 to 1	DVT2	10 Jan 18	Schematic – XP8800 FPC board
800000127_1	1 to 23	1.0	10 Jan 18	XP8800 exploded View and waterproof solution.
800000127_7	1 to 1	1.1	10 Jan 18	XP8800 Block drawing power tree.
800000127_8	1 to 1	1.1	10 Jan 18	XP8800 block diagram – RF part.
310000745/1/2	1 to 1	1.1	12 Dec 17	Label drawings
330000038	1 to 1	V3.0	10 Jan 18	Film 12 PIN xpanse FPC, XP8
330000039	1 to 1	V3.0	10 Jan 18	Film 10 PIN xpanse FPC, XP8

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