

# National configurations addendum

For the use of Inxpect Safety Radar Equipment 200 Series

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<b>Revision</b>	<b>Author</b>	<b>Date</b>	<b>Notes</b>
v01	B.Treachi	19/11/2021	Initial version
v02	B.Treachi	26/11/2021	Small changes
v03	B.Treachi	3/12/2021	Details for FCC and ISED
v04	B.Treachi	6/12/2021	Changed FCC section
v05	B.Treachi	17/12/2021	Added certification for an additional country
v06	B.Treachi	25/01/2021	Removed certification for an additional country
v07	B.Treachi	28/02/2022	Added MLR specs and added new name scheme
v08	B.Treachi	29/03/2022	Changed file name. Added ANATEL code
v09	B.Treachi	13/04/2022	Small changes
v10	B.Treachi	18/11/2022	Added South Africa (ICASA), Europe, Hong Kong, Australia/New Zealand
v11	B.Treachi	10/02/2023	Added new products
v12	E.Varrenti/D.Dei	05/06/2023	Small modifications
v13	E.Varrenti/D.Dei	06/06/2023	Added power limitations for USA/Canada
v14	D.Dei/E.Varrenti	23/06/2023	Added EIRP for Europe and UK
v15	E.Varrenti/D.Dei	14/07/2023	Added Mexico and US local representative for control unit typeB
v16	B.Treachi	21/08/2023	Removed limitation for Australia / New Zealand
v17	B.Treachi	15/12/2023	Modified Japan, Australia, New Zealand, Korea and Mexico
v18	B.Treachi	25/01/2024	Modified FCC
v19	B.Treachi	08/03/2024	Updated Hong Kong certification

v20	E.Varrenti	08/05/2024	S203A Brazil ANATEL
v21	B.Treachi	01/07/2024	Modified ISED
v22	B.Treachi	03/07/2024	Added missing ANATEL number
v23	B.Treachi / D.Dei	22/07/2024	Added Taiwan certification for S201A
v24	D. Roberti	26/02/2025	Modified Taiwan details
vXX	B.Treachi	05/05/2025	Added in-flight ban

<b>Revision</b>	<b>Approved by</b>	<b>Date</b>
v01	D.Dei	22/11/2021
v02	D.Dei	2/12/2021

# 1. Conformity

## 1.1. U.S. - FCC

For SBV-01/S201A, *FCC ID: 2ANOS-SBV01 or FCC ID: 2ANOS-S201A*

For S203A, *FCC ID: 2ANOS-S203 or FCC ID: 2ANOS-S203A*

For S202A, *FCC ID: 2ANOS-S202A*

Accordingly to part 15 of the FCC Rules:

- *FCC ID: 2ANOS-SBV01* - Maximum EIRP = 0dBm;
- *FCC ID: 2ANOS-S201A* - Maximum EIRP = +20dBm;
- *FCC ID: 2ANOS-S203* - Maximum EIRP = +1dBm;
- *FCC ID: 2ANOS-S203A* - Maximum EIRP = +20dBm;
- *FCC ID: 2ANOS-S202A* - Maximum EIRP = +14dBm.

These devices are not permitted to be used on satellites and aircrafts while in-flight.

These devices shall not be equipped with external phase-locking inputs that permit beam-forming arrays to be realized.

Each device of the Inxpect SRE 200 Series complies with part 15 of the FCC Rules, with the exception of the following devices:

- S201A-MLR (SBV-01-MLR)

Operation is subject to the following two conditions:

- this device may not cause harmful interference, and
- this device must accept any interference received, including interference that may cause undesired operation

**NOTICE:** changes or modifications not expressly approved by Inxpect SpA could void the user's authority to operate the equipment.

**Note:** each device of the SRE 200 Series has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules, with the exception of the following devices:

- S201A-MLR (SBV-01-MLR)

These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.

Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

To ensure compliance with FCC RF exposure requirements the sensor must be installed to provide a minimum of 20 cm between the device and people.

The use of the following devices is forbidden in the USA:

- S201A-MLR (SBV-01-MLR)

For C20xB control unit: the local representative is Inxpect North America: [www.inxpect.us](http://www.inxpect.us)

Inxpect North America Corp. 10375 N. Baldev Court, Suite B -Milwaukee, Wisconsin 53092 - United States - [hello@inxpect.us](mailto:hello@inxpect.us)

## 1.2 Canada - ISED

For SBV-01/S201A, IC: 27966-SBV01

For S203A, IC: 27966-S203

For S202A, IC: 27966-S202A

Accordingly Innovation, Science and Economic Development Canada's licence-exempt RSS(s):

- SBV-01/S201A Maximum EIRP = 20dBm;
- S203A Maximum EIRP = 20dBm;
- S202A Maximum EIRP = +14 dBm.

These devices are not permitted to be used on satellites and aircrafts while in-flight. These devices shall not be equipped with external phase-locking inputs that permit beam-forming arrays to be realized.

Each device of the Inxpect SRE 200 Series contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s) , with the exception of the following devices:

- S201A-MLR (SBV-01-MLR)

Operation is subject to the following two conditions:

- This device may not cause interference.
- This device must accept any interference, including interference that may cause undesired operation of the device.

To ensure compliance with ISED RF exposure requirements the sensor must be installed to provide a minimum of 20cm between the device and people.

The use of the following devices is forbidden in Canada:

- S201A-MLR (SBV-01-MLR)

Ces appareils ne sont pas autorisés à être utilisés sur des satellites et des avions en vol.

Ces dispositifs ne doivent pas être équipés d'entrées externes à verrouillage de phase permettant la réalisation de réseaux de formation de faisceaux

L'émetteur/récepteur exempt de licence contenu dans Inxpect SRE 200 Series, à l'exception du type

- S201A-MLR (SBV-01-MLR)

est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- L'appareil ne doit pas produire de brouillage.
- L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Pour garantir la conformité aux exigences d'exposition RF d'ISED Canada, le dispositif doit être installé de manière à laisser un minimum de 20 cm entre l'appareil et les personnes.

L'utilisation du

- S201A-MLR (SBV-01-MLR)

est interdite dans le Canada.

## 1.3 Europe



To ensure compliance with RF exposure requirements the sensor must be installed to provide a minimum of 20 cm between the device and people.

Radiated Power:

- SBV-01/S201A = 16dBm mean EIRP;
- S203A = 17dBm mean EIRP;
- S202A = 12 dBm mean EIRP;

## 1.4 Australia / New Zealand

For sensors:



For control units:



## 1.5 South Korea - KC

R-R-InX-SBV-01

Additional information of conformity registration:

**ko** S201A (SBV-01) 기자재명 : 용도미지정 무선기기(57GHz ~ 66 GHz 주파수 대역)

**en** S201A (SBV-01) Equipment name: non-specific wireless device (frequency band from 57 to 66 GHz)

*R-R-InX-S203A*

Additional information of conformity registration:

**ko** S203A 기자재명 : 용도미지정 무선기기(57GHz ~ 66 GHz 주파수 대역)

**en** S203A Equipment name: non-specific wireless device (frequency band from 57 to 66 GHz)

*R-R-InX-ISC-B01*

Additional information of conformity registration:

**ko** C201A (ISC-B01), C202A (ISC-02), C203A (ISC-03), C201B, C202B, C203B. 기자재명 : C201A (ISC-B01)

**en** C201A (ISC-B01), C202A (ISC-02), C203A (ISC-03), C201B, C202B, C203B. Equipment name: C201A (ISC-B01)

For S201A (SBV-01), C201A (ISC-B01), C202A (ISC-02), C203A (ISC-03), S203A, C201B, C202B, C203B:

**ko** 사용자 안내문 이 기기는 업무용 환경에서 사용할 목적으로 적합성평가를 받은 기기로서 가정용 환경에서 사용하는 경우 전파간섭의 우려가 있습니다

**en** This equipment is intended for commercial use (Class A). Operation of this equipment in a residential area may cause harmful interference.

For S201A (SBV-01) and S203A:

**ko** 본 기기는 통상 이용 상태의 경우 인체(머리, 몸통)와 20cm 초과하는 거리에서 사용되어야 합니다

**en** This device has to be used at a distance of more than 20 cm from the human body (head / torso) during normal use.

## 1.6 Japan

How to access the e-label:

1. Open the Inxpect Safety application.

2. In the *Connect to Device* page, click on “Regulatory certifications” in the bottom right corner and scroll down to find the MIC logo and certificate number of the device you are using.
3. If you are already connected to an actual device, please click on *Settings* within the *Inspect Safety* application and search for “Regulatory certifications” in the left menu. Then scroll down to find the MIC logo and certificate number.

For S201A-W and S201A-WL:



For S203A-W and S203A-WL:



## 1.7 Brazil - ANATEL

For S201A/SBV-01:



Este equipamento (S201A/SBV-01) não tem direito à proteção contra interferências prejudicial e não pode causar interferência em sistemas devidamente autorizados.

This equipment is not entitled to protection against harmful interference and may not cause interference in duly authorized systems

For S203A:



*Agência Nacional de Telecomunicações*

06257-24-12500

Este equipamento (S203A) não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistemas devidamente autorizados.

This equipment is not entitled to protection against harmful interference and may not cause interference in duly authorized systems

## 1.8 South Africa - ICASA

How to access the e-label:

4. Open the Inxpect Safety application.
5. In the *Connect to Device* page, click on “Regulatory certifications” in the bottom right corner and scroll down to find the ICASA logo and certificate number of the device you are using.
6. If you are already connected to an actual device, please click on *Settings* within the Inxpect Safety application and search for “Regulatory certifications” in the left menu. Then scroll down to find the ICASA logo and certificate number.



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*ICASA certificate number for S201A/SBV-01.*

## 1.9 Hong Kong

For SBV-01/S201A:



For S203A:



## 1.10 Singapore – IMDA

Only the use of S201A is allowed in Singapore.



## 1.11 UK



Radiated Power:

- SBV-01/S201A = 16dBm mean EIRP;
- S203A = 17dBm mean EIRP.

## 1.12 Mexico

For S201A:

IFT: SEINS223-05436

For S203A:

IFT: SYINS223-36435

## 1.13 Taiwan

How to access the e-label:

1. Open the Inxpect Safety application.
2. In the *Connect to Device* page, click on “Regulatory certifications” in the bottom right corner and scroll down to find the NCC logo and certificate number of the device you are using.

### Connect to device

Choose the connection mode:

Ethernet connection

USB connection

System Simulator mode

Choose this option to simulate a system.

**START SIMULATOR**

Devices currently available:  
No reachable ethernet devices found

Resources and tools

[Identify system specifications](#)

[Regulatory certifications](#)

### Regulatory certifications

#### S201A (SBV-01)

Model: S201A (SBV-01)  
Description: Smart Sensor 200 Series 60GHz Radar  
Manufactured by: Inxpect SpA, via Serpente 91 - 25131 Brescia (ITALY)

**U.S.**  
FCC ID for S201A: 2AN0S-SBV01  
FCC ID for W and WL type: 2AN0S-S201A  
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.  
The use of MLR type (S201A-MLR or SBV-01-MLR) is forbidden in the USA.

**Canada**  
IC: 27966-SBV01  
The use of MLR type (S201A-MLR or SBV-01-MLR) is forbidden in Canada.

**BACKWARD COMPATIBILITY CONFIGURATION:**  
S201A FVIN= RADARSS 6.3.2.6, RadioConfig.h v1.0, RadioConfig-WW.h v1.0 - Profile 1  
**INDOOR CONFIGURATION:**  
S201A FVIN= RADARSS 6.3.7.6 + RadioConfig.h v1.0 + RadioConfig-WW.h v1.0 - Profile 2  
**OUTDOOR CONFIGURATION:**

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- [S201A](#)
- [S202A](#)
- [S203A](#)
- [S201B](#)
- [S202B](#)
- [S203B](#)
- [S301A](#)
- [S201A](#)
- [S203A](#)

## Regulatory certifications

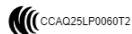
### S201A (SBV-01)

**Model:** S201A (SBV-01)  
**Description:** Smart Sensor 200 Series 60GHz Radar  
**Manufactured by:** Inxpect SpA, via Serpente 91 - 25131 Brescia (ITALY)

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- [C201A](#)
- [C202A](#)
- [C203A](#)
- [C201B](#)
- [C202B](#)
- [C203B](#)
- [S101A](#)
- [S201A](#)
- [S203A](#)

#### Taiwan



The use of S201A-WL is forbidden in Taiwan.

#### U.S.

FCC ID for S201A: 2ANOS-SBV01

FCC ID for W and WL type: 2ANOS-S201A

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

3. If you are already connected to an actual device, please click on *Settings* within the Inxpect Safety application and search for “Regulatory certifications” in the left menu. Then scroll down to find the NCC logo and certificate number.

**INXPECT** Dashboard Configuration **Settings** Admin Validation **✓ APPLY CHANGES** User Control unit

## Settings

- General
- Node ID Assignment
- Digital Input-Output
- Muting
- Detection field groups
- Restart function
- Anti-Tampering
- Advanced
- Activity history
- Configuration checksums
- Account

**Regulatory certifications**

**S201A (SBV-01)**

**Model:** S201A (SBV-01)  
**Description:** Smart Sensor 200 Series 60GHz Radar  
**Manufactured by:** Inxpect SpA, via Serpente 91 - 25131 Brescia (ITALY)

**U.S.**  
FCC ID for S201A: 2ANOS-SBV01  
FCC ID for W and WL type: 2ANOS-S201A  
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.  
The use of MLR type (S201A-MLR or SBV-01-MLR) is forbidden in the USA.

**Canada**  
IC: 27966-SBV01  
The use of MLR type (S201A-MLR or SBV-01-MLR) is forbidden in Canada.

**BACKWARD COMPATIBILITY CONFIGURATION:**  
S201A FVIN= RADARSS 6.3.2.6, RadioConfig.h v1.0, RadioConfig-WW.h v1.0 - Profile 1  
**INDOOR CONFIGURATION:**  
S201A FVIN= RADARSS 6.3.2.6 + RadioConfig.h v1.0 + RadioConfig-WW.h v1.0 - Profile 2

**INXPECT** Dashboard Configuration **Settings** Admin Validation **✓ APPLY CHANGES** User Control unit

## Settings

- General
- Node ID Assignment
- Digital Input-Output
- Muting
- Detection field groups
- Restart function
- Anti-Tampering
- Advanced
- Activity history
- Configuration checksums
- Account

**Regulatory certifications**

**S201A (SBV-01)**

**Model:** S201A (SBV-01)  
**Description:** Smart Sensor 200 Series 60GHz Radar  
**Manufactured by:** Inxpect SpA, via Serpente 91 - 25131 Brescia (ITALY)

**Taiwan**  
 The use of S201A-WL is forbidden in Taiwan.

**U.S.**  
FCC ID for S201A: 2ANOS-SBV01  
FCC ID for W and WL type: 2ANOS-S201A  
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.  
The use of MLR type (S201A-MLR or SBV-01-MLR) is forbidden in the USA.

For S201A-W:



**CCAQ25LP0060T2**

Warning: 低功率射頻器材技術規範3.8.2警語

取得審驗證明之低功率射頻器材，非經核准，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前述合法通信，指依電信管理法規定作業之無線電通信。低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

## 2. National Configurations

### 2.1 Installation and use in the USA

During the first configuration of Inxpect SRE 200 Series, choose the USA country in the first start wizard of the Inxpect Safety software, in order to comply with the FCC regulations of the USA. Also select the right operating environment when available.

The use of the following device is forbidden in the USA:

- S201A-MLR (SBV-01-MLR)

### 2.2 Installation and use in Canada

During the first configuration of Inxpect SRE 200 Series, choose Canada country in the first start wizard of the Inxpect Safety software, in order to comply with the ISED regulations of Canada.

The use of the following device is forbidden in Canada:

- S201A-MLR (SBV-01-MLR)

### 2.3 Installation and use in Japan

During the first configuration of Inxpect SRE 200 Series, choose Japan country in the first start wizard of the Inxpect Safety software to comply with the regulations of Japan.

The use of the following devices is forbidden in Japan:

- S201A
- S201A-MLR (SBV-01-MLR)

## 2.4 Installation and use in Taiwan

During the first configuration of Inxpect SRE 200 Series, choose Taiwan country in the first start wizard of the Inxpect Safety software to comply with the regulations of Taiwan.

The use of the following devices is forbidden in Taiwan:

- S201A
- S201A-MLR (SBV-01-MLR)
- S201A-WL
- S203A-W
- S203A-WL