User Manual

Radio Module LP915

Content

1. OEM Responsibilities to comply with FCC and Industry Canada Regulations

The LP915 Module has been certified for integration into products only by OEM integrators under the following conditions:
1. The antenna(s) must be installed such that a minimum separation distance of 20 cm is maintained between the radiator (antenna) and all persons at all times.
2. The transmitter module must not be co-located or operating in conjunction with any other antenna or transmitter.
As long as the two conditions above are met, further transmitter testing will not be required. However, the OEM integrator is still responsible for testing their end-product for any additional compliance requirements required with this module installed (for example, digital device emissions, PC peripheral requirements, etc.).

IMPORTANT NOTE: In the event that these conditions cannot be met (for certain configurations or co-location with another transmitter), then the FCC and Industry Canada authorizations are no longer considered valid and the FCC ID and IC Certification Number cannot be used on the final product. In these circumstances, the OEM integrator will be responsible for re-evaluating the end product (including the transmitter) and obtaining a separate FCC and Industry Canada authorization.

2. LP915 Module labelling

Below image shows how the LP915 Module will be labeled with its own FCC ID and IC Certification Number.

It is the responsibility of the LP915 module supplier to ensure that the LP915 module will be labelled as indicated in above image example.
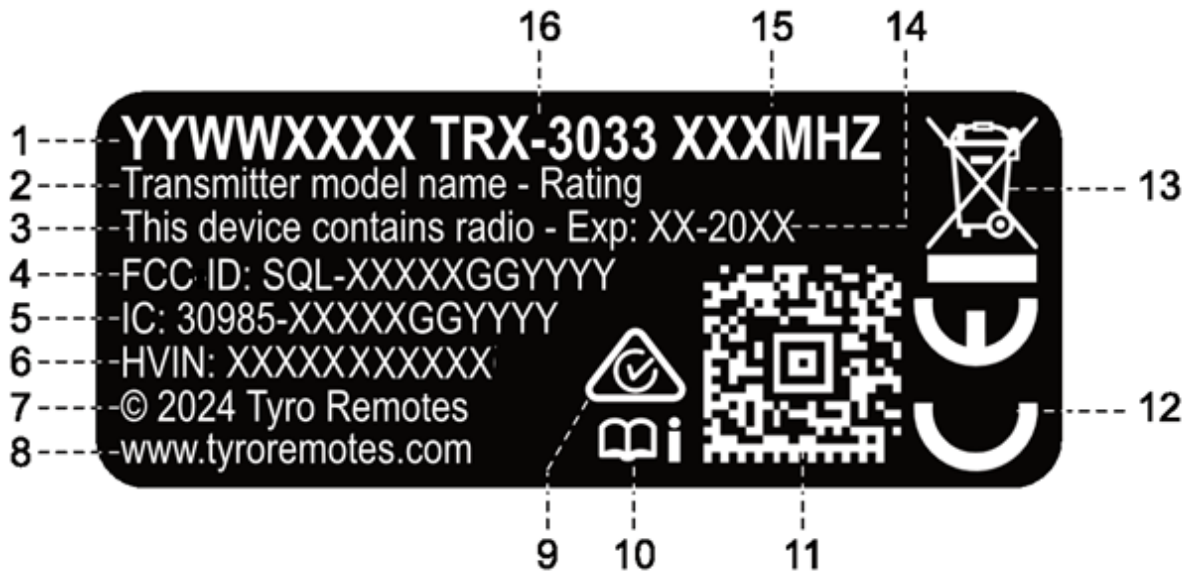
3. End product labelling

If the FCC ID and IC Certification Number are not visible when the module is installed inside another host device, then the outside of the host device into which the module is installed must also display a label referring to the enclosed module. In that case, the final end product must be labeled in a visible area in a format as specified in next 2 paragraphs, showing:

> This product contains radio
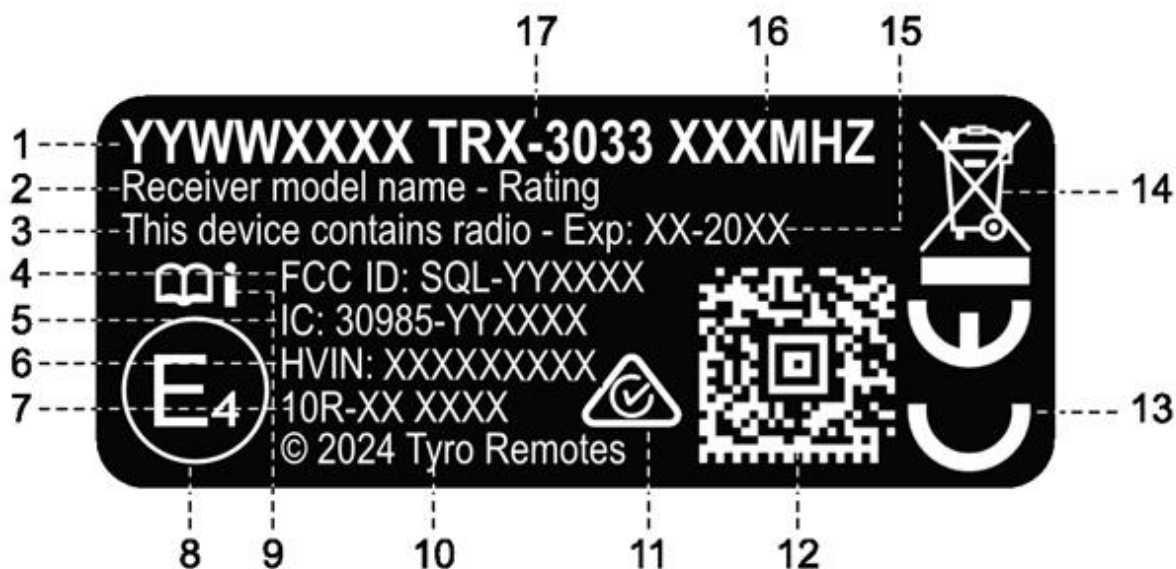> FCC ID: SQL-LP915
> IC: 30895-LP915
> HVIN: <product name>

Product names: PYXIS, CETUS, POLLUX, FORNAX, AQUARIUS, AURIGA, SCORPIUS

3.1.   Transmitter host devices

Identification sticker explanation			
1	Serial number, format (P)YYWW###(#). P = Prototype	9.	RCM marking
2	Product name, specification of type / safe + rating	10.	For more information, refer to the user manual
3	This product contains radio marking	11.	QR code with serial number
4	FCC marking and ID number, based on product name and frequency or radio module	12.	CE certification
5	IC marking and ID number, based on product name and frequency or radio module	13.	WEEE marking
6	HVIN: hardware identification number, based on product name (e.g. PYXIS, CETUS, POLLUX)	14	Expiration date (ISO 13849-1)
7	Copyright & Manufacturer	15	Frequency in MHz or GHz (434, 915 or 2.4)
8	Website URL for full details	16	Type number of the PCB (TX-, RX-, TRX + print nr.)

3.2. Receiver host devices

Identification sticker explanation			
1	Serial number, format (P)YYWW###(#). P = Prototype	10	Copyright & Manufacturer
2	Product name, specification of type / safe + rating	11	RCM marking
3	This product contains radio marking	12	QR code with serial number
4	FCC marking and ID number, based on product name and frequency or radio module	13	CE certification
5	IC marking and ID number, based on product name and frequency or radio module	14	WEEE marking
6	HVIN: hardware identification number, based on product name (e.g. AQUARIUS, AURIGA, SCORPIUS)	15	Expiration date (ISO 13849-1)
7	ECE-R10 / E4 certification nummer	16	Frequentie in MHz or GHz (434, 915 of 2.4)
8	E4 marking	17	Type nummer van de print (TX-, RX-, TRX + print nr.)
9	For more information, refer to the user manual	18	

4. Antenna use and radiation exposure limits

The OEM of the LP915 Module must only use the below listed approved antenna(s)

- On board PCB wire antenna of the RXTX3033 and TRX3033 boards
- ANT-916-CW-HW (TE Connectivity)

which have been certified with this module. The OEM integrator has to be aware not to provide information to the end user regarding how to install or remove this RF module or change RF related parameters in the user manual of the end product.

To comply with FCC and Industry Canada RF radiation exposure limits for general population, the antenna(s) used for this transmitter must be installed such that a minimum separation distance of 20 cm is maintained between the radiator (antenna) and all persons at all times and must not be co-located or operating in conjunction with any other antenna or transmitter.

5. Compliance statement

This device complies with part 15 of the FCC Rules and to RSS of Industry Canada. 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.

Warning:
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exemptés de licence. L'exploitation est autorisée aux deux conditions suivantes :
1. l'appareil ne doit pas produire de brouillage, et
2. L'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement

Avertissement:
Les changements ou modifications non expressément approuvés par la partie responsable de la conformité peuvent annuler l'autorisation de l'utilisateur à utiliser l'équipement