

Rego PID Wireless Module Users Manual

Applicable FCC and IC Rules:

This module was tested to be compliant with the following standards/agency listings.

Reports and/or certificates of compliance are available upon request:

> This module complies with CFR 15.247 and RSS-247.

Hosts are required to be evaluated for intentional emissions according to the above listed specifications. Hosts are also required to be tested for unintentional emissions according to:

- Radiated Emissions, Part 15.109(b) Class B or A
- Conducted Emissions, Part 15.107(b), Class B or A

Canada ICES-003, Class B or A

RF Exposure Considerations:

The module has met RF exposure requirements for portable use; use of this module in any other host device requires antenna to user separation distance of at least 20cm.

Specific Absorption Rate (SAR) refers to the rate at which the body absorbs radio frequency (RF) energy. The module was tested within Curbell Rego product using highest transmitter power and closest distance of separation (0mm) and found to be below regulatory compliance requirements on all sides.

Curbell will determine applicable testing modes should any additional testing be required. This module will only be used in Curbell's Rêgo product and only Curbell is allowed to make changes.

Module Approved antennas list:

<i>Manufacturer</i>	<i>Antenna</i>	<i>Description</i>	<i>Type</i>	<i>Peak Gain (dBI)</i>	<i>Ω</i>	<i>Connector Type</i>	<i>Notes</i>
Pulse Electronics (a Yageo Company)	W3006	Dual Band	Monopole	2.2 for 2.4Ghz 5.2-5.85 for 5Ghz	50	SMD Mount Ceramic Antenna	1

Notes:

1 Antenna was tested for compliance.

Label and Compliance Information:

The module must be properly installed in host.

The host is to include the following text on exterior of host:

"Contains FCC ID: 2A68D-PD11"

"Contains IC: 29644-PD11"

"CAN ICES-003(B)/NMB-003(B).

Curbell must include the following statements on the exterior of the finished product unless the product is too small (e.g less than 4 x 4 inches):

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 any interference that may cause undesired operation.

The above statement applies also to the module.

For host's in field, software updates to the Bluetooth module are delivered via our proprietary Android Operating System update mechanism (Airwatch). A Bluetooth module software update is included in a new build of the operating system.

Android Operating System updates are signed using a secure key generated by Curbell Medical. Updates will not apply to a host should an update package become compromised, as the package signature would differ and not be verified and thus not applied to the host. Updates can be seen on host display.

To access Regulatory Information on host proceed to Home screen then press Settings icon in top right corner of screen then proceed to Regulatory Information to access regulatory statements.

Manual Statements:

The following statements apply to the module and are also required to be placed in host products user manual:

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. 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 expense.

WARNING: The Federal Communications Commission warns that changes or modifications of the radio module within this device not expressly approved by Curbell Medical Products Inc. could void the user's authority to operate the equipment.

This device complies with Industry Canada license-exempt RSS standard(s).

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts 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.

The modular transmitter is only FCC authorized for the specific rule parts listed on the grant. The product manufacturer is responsible for compliance to any other FCC rules that apply to the host not covered by the modular transmitter certification.

Additional testing, Part 15 subpart B and ICES-003 disclaimer

The final host/module combination must be evaluated against the FCC Part 15B for unintentional radiators, and IC Interference-Causing Equipment Standard for Digital Apparatus in order to be properly authorized for operation as a Part 15 digital device. The host integrator installing this module into their product must ensure that the final composite product complies with the FCC/IC requirements by a technical assessment or evaluation to the FCC/IC rules, including the transmitter operation and should refer to guidance in KDB 996369. For host products including a certified modular transmitter, the frequency range of investigation of the composite system is specified by rule in Sections 15.33(a)(1) through (a)(3), or the range applicable to the digital device, as shown in Sections 15.33(b)(1), whichever is the higher frequency range of investigation.

When testing the host product, all the transmitters must be operating. The transmitters can be enabled by using publicly available drivers and turned on, so the transmitters are active. In certain conditions, it might be appropriate to use a technology-specific call box (test set) where accessory 50 devices or drivers are not available. When testing for emissions from the unintentional radiator, the transmitter shall be placed in the receive mode or idle mode, if possible. If receive-mode only is not possible, then the radio shall be passive (preferred) and/or active scanning. In these cases, this would need to enable activity on the communication BUS (i.e., PCIe, SDIO, USB) to ensure the unintentional radiator circuitry is enabled. Testing laboratories may need to add attenuation or filters depending on the signal strength of any active beacons (if applicable) from the enabled radio(s). See ANSI C63.4, ANSI C63.10, and ANSI C63.26 for further general testing details.