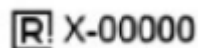


## **User Manual (Owner Manual) Requirements for PKA3AA & PKA3BA**

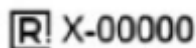
### **1. Argentina**

PKA3AA



(TBD – from certificate)

PKA3BA



(TBD – from certificate)

### **2. Brazil**

“Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistemas devidamente autorizados”

### **3. Canada**

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada’s licence-exempt RSS(s). Operation is subject to the following two conditions:

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

Radiofrequency radiation exposure Information:

This equipment complies with radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

L’émetteur/récepteur exempt de licence contenu dans le présent appareil 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 :

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

### **4. China**

使用微功率短距离无线电发射设备应当符合国家无线电管理有关规定

- (一) 符合“微功率短距离无线电发射设备目录和技术要求”的具体条款和使用场景，采用的天线类型和性能，控制、调整及开关等使用方法；
- (二) 不得擅自改变使用场景或使用条件、扩大发射频率范围、加大发射功率（包括额外加装射频功率放大器），不得擅自更改发射天线；
- (三) 不得对其他合法的无线电台（站）产生有害干扰，也不得提出免受有害干扰保护；
- (四) 应当承受辐射射频能量的工业、科学及医疗（ISM）应用设备的干扰或其他合法的无线电台（站）干扰；
- (五) 如对其他合法的无线电台（站）产生有害干扰时，应立即停止使用，并采取措施消除干扰后方可继续使用；
- (六) 在航空器内和依据法律法规、国家有关规定、标准划设的射电天文台、气象雷达站、卫星地球站（含测控、测距、接收、导航站）等军民用无线电台（站）、机场等的电磁环境保护区域内使用微功率设备，应当遵守电磁环境保护及相关行业主管部门的规定；
- (七) 禁止在以机场跑道中心点为圆心、半径5000米的区域内使用各类模型遥控器；
- (八) 微功率设备使用时温度和电压的环境条件。

## 5. Europe

### PKA3AA

(1) Hereby, Robert Bosch GmbH declares that the radio equipment type PKA3AA is in compliance with Directive 2014/53/EU.

(2) safety information, only English

In case of any vehicle general maintenance, if the RSAD UWB/BLE TRANSCEIVER is required to be handled then ESD protection must be worn.

(3) frequency = 6.239,6 - 8.237,2 MHz

TBD – from final EU test report

(4.1) EIRP Mean Spectrum Power Density = xx

TBD – from final EU test report

(4.2) EIRP Peak Spectrum Power Density = xx

TBD – from final EU test report

### PKA3BA

(1) Hereby, Robert Bosch GmbH declares that the radio equipment type PKA3BA is in compliance with Directive 2014/53/EU.

(2) safety information, only English

In case of any vehicle general maintenance, if the RSAD UWB/BLE TRANSCEIVER is required to be handled then ESD protection must be worn.

(3) frequency = 6.239,6 - 8.237,2 MHz

TBD – from final EU test report

(4.1) EIRP Mean Spectrum Power Density = xx

TBD – from final EU test report

(4.2) EIRP Peak Spectrum Power Density = xx

TBD – from final EU test report

Hereby, Robert Bosch GmbH declares that the radio equipment type (PKA3AA or PKA3BA) is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address:  
<https://eu-doc.bosch.com>

Robert Bosch GmbH  
Robert-Bosch-Platz 1  
70839, Gerlingen, Germany

#### **6. Georgia**

RSAD UWB და BLE გადამცემი **PKA3AA ან PKA3BA**

რობერტ ბოშის შპს

რობერტ-ბოშის მოედანი 1

70839, გერლინგენი, გერმანია

დამზადებულია პორტუგალიაში

მანქანის ზოგადი ტექნიკური მომსახურების შემთხვევაში, თუ საჭიროა RSAD UWB/BLE

გადამცემის დამუშავება, მაშინ აუცილებელია ელექტროსტატიკური განმუხტვისგან დამცავი საშუალებების ტარება.

#### **7. Israel**

Final requirement (hebrew text and required number) will be listed on the type approval certificate.  
Note that the text must be right orientated.

Either Importer number or TA number can be listed.

**(TBD – from certificate)**

#### **8. Jamaica**

"This product has been Type Approved by Jamaica: SMA – **PKA3AA or PKA3BA**

#### **9. Korea South**

항공기, 선박에서 사용하지 말 것

(Unofficial translation: Do not use on aeroplanes or ships. Required for UWB technology in 6-8.5GHz range used together with mobiles.)

[Class B Equipment (residential use)]

이 기기는 가정용(B급) 전자파적합기기로서 주로 가정에서 사용하는 것을 목적으로 하며, 모든 지역에서 사용할 수 있습니다.

Translation (for information only):

This equipment has been approved under EMC Registration as a Class B device (for domestic use) and can be used in both residential and commercial areas.

#### **10. Mexico**

“La operación de este equipo está sujeta a las siguientes dos condiciones:

(1) es posible que este equipo o dispositivo no cause interferencia perjudicial y (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.”

### 11. Moldova

Robert Bosch GmbH, Piața Robert-Bosch 1, 70839 Gerlingen, Germania

### 12. Morocco



(TBD – from certificate)

### 13. Pakistan



(TBD – from certificate)

### 14. Paraguay



(TBD – from certificate)

### 15. Serbia



(TBD – from certificate)

Robert Bosch GmbH, Robert-Bosch-Platz 1, 70839 Gerlingen, Nemačka

## 16. Singapore

Complies with  
IMDA Standards  
XY 123456

(TBD – from certificate)

## 17. South Africa



(TBD – from certificate)

## 18. Taiwan

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。

## 19. Thailand



(TBD – from certificate)

1) Following marking is to be displayed on user's manual or packaging, or additional sheet inside packaging

(for class A it is mandatory to display this marking):

“เครื่องโทรคมนาคมและอุปกรณ์นี้ มีความสอดคล้องตามมาตรฐานหรือข้อกำหนดของ กสทช.”

(This telecommunication equipment is in compliance with NBTC requirements)

2) For Category 2 Radiocommunication equipment (more than 20cm away from human body)

เครื่องวิทยุคมนาคมนี้มีระดับการแผ่คลื่นแม่เหล็กไฟฟ้าสอดคล้องตามมาตรฐานความปลอดภัยต่อสุขภาพของมนุษย์จากกา  
การใช้เครื่องวิทยุคมนาคมที่คณะกรรมการกิจการโทรคมนาคมแห่งชาติประกาศกำหนด

(This radiocommunication equipment has the electromagnetic field strength in compliance with the  
Safety Standard for the Use of Radiocommunication Equipment on Human Health announced by  
the National Telecommunications Commission.)

## 20. Türkiye

Robert Bosch GmbH, Robert-Bosch-Platz 1, 70839 Gerlingen, Almanya

## 21. Ukraine

Повний текст Декларації відповідності України доступний за наступною інтернет-адресою:  
<https://eu-doc.bosch.com>

У випадку будь-якого загального технічного обслуговування транспортного засобу, якщо  
RSAD UWB/BLE TRANSCEIVER потребує обробки, то необхідно носити захист від  
електростатичного розряду.

Роберт Бош ГмбХ, Роберт-Бош-Плац 1, 70839 Герлінген, Дойчланда

### PKA3AA

Registration number

(TBD – from certificate)

Частота = 6.239,6 - 8.237,2 MHz

TBD – from final EU test report

Середня спектральна густина потужності EIRP = xx

TBD – from final EU test report

Пікова спектральна густина потужності EIRP = xx

TBD – from final EU test report

### PKA3BA

Registration number

(TBD – from certificate)

Частота = 6.239,6 - 8.237,2 MHz

TBD – from final EU test report

Середня спектральна густина потужності EIRP = xx

TBD – from final EU test report

Пікова спектральна густина потужності EIRP = xx

TBD – from final EU test report

## 22. UAE



(TBD – from certificate)

## 23. USA

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) The device may not be employed for the operation of toys. Operation onboard an aircraft, a ship or a satellite is prohibited.

Changes or modifications made to this equipment not expressly approved by Robert BOSCH GmbH may void the FCC authorization to operate this equipment.

Radiofrequency radiation exposure Information:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Class A:

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 own expense.

## 24. Vietnam



Importer adds relevant data to template.

(TBD – from certificate)