



**EU – TYPE EXAMINATION CERTIFICATE**  
**RADIO EQUIPMENT DIRECTIVE 2014/53/EU**  
**Annex III Module B**

**MANUFACTURER**

Name	:	AutoBizSystems Inc.
Address	:	#922, 9th Floor, Helium Metro Tower, 284, Gilju-ro, Bucheon-si, Gyeonggi-do, 14548, Korea
Contact Name & Title	:	JANG KI-SEUNG, CTO (Chief Technology Officer)
Phone number & Email	:	+82-32-719-4895, autobizkai@gmail.com

**PRODUCT DESCRIPTION**

Trademark/Trade Name	:	AutoBizSystems
Model Number	:	BoT-CLE310
Product Description	:	Bluetooth BLE Module

**TECHNICAL DOCUMENTATION**

Identification	:	BoT-CLE310			
Signed by (Name & Title)	:	JANG KI-SEUNG, CTO	Date	:	October 22, 2019
Company Name	:	AutoBizSystems Inc.			

**NOTIFIED BODY**

Certificate issued by	:	Notified Body 1177, TIMCO Engineering, Inc.			
Certificate number	:	TCF-2846KC19			
Name and Signature	:	Bruno Clavier <i>Bruno Clavier</i>	Date	:	October 28, 2019

The device shall be marked as follows: **CE**

Based on the evidence presented in the Technical Documentation, TIMCO Engineering, Inc., as appointed Notified Body, has issued this EU-Type Examination Certificate in accordance with Annex III Module B. The product described appears to be in conformity with the essential requirements Article 3.1(a), 3.1(b), and 3.2 of RED 2014/53/EU. This certificate is only valid in conjunction with the related Evaluation Report. This certificate is valid up to (1) the date of cessation of presumption of conformity of any of the superseded standards which were used for testing this product and assessed by Notified Body or (2) the date of modifications to the approved type that may affect the conformity of the apparatus with the essential requirements of this Directive or the conditions for validity of that certificate, whichever comes first.

**TIMCO ENGINEERING, INC.**  
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This Certificate is issued under the provision that TIMCO Engineering Inc. nor its subsidiary companies accept any liability concerning the contents of this document other than forced by law. Reproduction of the Certificate (with Annex) in full is allowed. Reproduction of parts of this certificate may only be allowed by written permission of TIMCO Engineering, Inc.



**EU – TYPE EXAMINATION CERTIFICATE**  
**ANNEX 1**  
**TCF-2846KC19**

Date: October 28, 2019

**PRODUCT SPECIFICATIONS**

Intended Use / Category :	SRD – Wideband Data Transmission System (Bluetooth LE)
RF output power :	3.483 dBm (EIRP)
Frequency range (MHz) :	2402 -2480
Modulation :	GMSK
Antenna type :	Chip antenna / 4.18 dBi

According to the Technical Documentation compiled by the Manufacturer, this radio equipment was assessed for compliance with the following standards, which were applied in full:

**ESSENTIAL REQUIREMENTS ASSESSED**

Aspects	Standard Number
Radio :	ETSI EN 300 328 V2.1.1
EMC :	ETSI EN 301 489-1 V2.1.1 ETSI EN 301 489-17 V3.1.1
Health :	EN 62479:2010
Safety :	EN 60950-1:2006/A11:2009/A1:2011/A2:2013

**CERTIFICATE CONDITIONS:**

This radio module is for professional installation only. When installing this radio module permanently into a host product to create a new radio equipment device; the manufacturer responsible for placing the final radio product on the market in the EU must assess if the combination of this radio module and the host product complies with the essential requirements of the RE Directive 2014/53/EU.

**LIST OF DOCUMENTS REVIEWED**

Item	Exhibit Description	
1.	Copy of the Declaration of Conformity	<input checked="" type="checkbox"/>
2.	Agent/Representative authorization letter from Manufacturer (if application is filed by someone other than Manufacturer)	<input checked="" type="checkbox"/>
3.	Attestation letter for compliance with Article 10(2)	<input type="checkbox"/>
4.	Attestation letter and/or exhibits for compliance with Article 10(10) (i.e. info on packaging completed with users instructions)	<input type="checkbox"/>
5.	A general description of the radio equipment (e.g. Operational Description)	<input checked="" type="checkbox"/>
6.	Photographs or illustrations showing external features, marking and internal layout	<input checked="" type="checkbox"/>
7.	RED Annex VI Point 8 - Versions of software or firmware affecting compliance with essential requirements	<input checked="" type="checkbox"/>
8.	User information and installation instructions	<input checked="" type="checkbox"/>
9.	Conceptual design and manufacturing drawings and schemes of components, sub-assemblies, circuits and other relevant similar elements	<input checked="" type="checkbox"/>
10.	Descriptions and explanations necessary for the understanding of those drawings and schemes and the operation of the radio equipment	<input checked="" type="checkbox"/>
11.	RED Annex III module B - Analysis and assessment of the risk(s)	<input checked="" type="checkbox"/>
12.	Where the conformity assessment module in Annex III has been applied, copy of the EU-type examination certificate and its annexes as delivered by the notified body involved	<input type="checkbox"/>

Item	Exhibit Description (Cont.)				
13.	Results of design calculations made, examinations carried out, and other relevant similar elements			<input checked="" type="checkbox"/>	
14.	Test reports	Item	Report No.	Issue Date/Rev #	<input checked="" type="checkbox"/>
		Health	CTK-2019-04085	October 22, 2019	
		EMC	CTK-2019-04052	October 21, 2019	
		Radio	CTK-2019-04049	October 22, 2019	
		Safety	CTK-2019-04129	October 23, 2019	