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

MANUFACTURER

Name	:	Shenzhen Inrico Electronics Co.,LTD
Address	:	3/F, Building NO.118, High Tech Industrial Park, Guowei Road 72, Luohu District, Shenzhen, China
Contact Name & Title	:	Wenshun Zhang, Manager
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PRODUCT DESCRIPTION

Trademark/Trade Name	:	Inrico
Model Number	:	T640A
Product Description	:	Intelligent Two Way Radio

TECHNICAL DOCUMENTATION

Identification	:	T640A_Schematics, T640A_BlockDiagram, T640A_OperationalDesription, T640A_UserManual, T640A_PartList, T640A_PCBLayout&PartPlacement, T640A_RiskAssessment, T640A_ANNEX_EUT Label & Photos, 640A_DOC		
Signed by (Name & Title)	:	Wenshun Zhang, Manager	Date :	September 29, 2019
Company Name	:	Shenzhen Inrico Electronics Co.,LTD		

NOTIFIED BODY

Certificate issued by	:	Notified Body 1177, TIMCO Engineering, Inc.		
Certificate number	:	TCF-2931CC19	Place of signature: Luohu District, Shenzhen	
Name and Signature	:	Bruno Clavier	Date :	November 4, 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 This certificate is valid up to (1) the date of cessation of presumption of conformity of any of the superseded standards which were used for testing this product and assessed by Notified Body or (2) the date of modifications to the approved type that may affect the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.
P.O. BOX 370
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EU – TYPE EXAMINATION CERTIFICATE
ANNEX 1
TCF-2931CC19

Date: November 4, 2019

PRODUCT SPECIFICATIONS

Intended Use / Category	:	GSM, GPRS, EDGE
RF output power	:	GSM900: 33.4dBm, GSM1800: 30.62dBm EDGE900: 26.81dBm, EDGE1800: 27.43dBm (Conducted)
Frequency range (MHz)	:	GSM900: Tx: 880-915MHz, Rx: 925-960MHz DCS1800: Tx: 1710-1785MHz, Rx: 1805-1880MHz
Modulation	:	GMSK, 8PSK
Antenna type	:	Integral

Intended Use / Category	:	WCDMA, HSDPA, HSUPA
RF output power	:	WCDMA Band 1: 23.90dBm, WCDMA Band 8: 23.43dBm (Conducted)
Frequency range (MHz)	:	WCDMA Band 1: Tx: 1920-1980MHz, Rx: 2110-2170MHz
Modulation	:	QPSK
Antenna type	:	Integral

Intended Use / Category	:	FDD-LTE Band1, 3, 7, 20, 28, TDD-LTE Band 38, 40
RF output power	:	FDD-LTE Band 1: 23.91dBm, FDD-LTE Band 3: 23.48dBm, FDD-LTE Band 7: 24.98dBm, FDD-LTE Band 20: 23.82dBm, FDD-LTE Band 28: 23.89dBm, TDD-LTE Band 38: 24.82dBm, TDD-LTE Band 40: 24.62dBm (Conducted)
Frequency range (MHz)	:	FDD-LTE Band 1: Tx: 1920-1980MHz, Rx: 2110-2170MHz FDD-LTE Band 3: Tx: 1710-1785MHz, Rx: 1805-1880MHz FDD-LTE Band 7: Tx: 2500-2570MHz, Rx: 2620-2690MHz FDD-LTE Band 20: Tx: 832-862MHz, Rx: 791-821MHz FDD-LTE Band 28: Tx: 703-748MHz, Rx: 758-803MHz TDD-LTE Band 38: Tx: 2570-2620MHz, Rx: 2570-2620MHz TDD-LTE Band 40: Tx: 2300-2400MHz, Rx: 2300-2400MHz
Modulation	:	QPSK, 16QAM
Antenna type	:	Integral

Intended Use / Category	:	Wi-Fi
RF output power	:	12.57dBm (EIRP)
Frequency range (MHz)	:	2412-2472MHz for 802.11b/g/n(HT20) 2422-2462MHz for 802.11n(HT40)
Modulation	:	DBPSK,BPSK,DQPSK,QPSK,16QAM,64QAM
Antenna type	:	Integral

Intended Use / Category	:	Bluetooth V4.0
RF output power	:	6.56dBm (EIRP)
Frequency range (MHz)	:	2402-2480MHz
Modulation	:	GFSK, Pi/4 DQPSK, 8DPSK
Antenna type	:	Integral

Intended Use / Category	:	GPS
Frequency range (MHz)	:	1575.42MHz Receiving
Antenna type	:	Integral

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 303 413 V1.1.1 (2017-06) ETSI EN 300 328 V2.1.1 (2016-11) ETSI EN 301 511 V12.5.1 (2017-03) ETSI EN 301 908-1 V11.1.1 (2016-07) ETSI EN 301 908-2 V11.1.2 (2017-08) ETSI EN 301 908-13 V11.1.2 (2017-07)
EMC	:	Draft ETSI EN 301 489-1 V2.2.1 (2019-03) Draft ETSI EN 301 489-17 V3.2.0 (2017-03) ETSI EN 301 489-19 V2.1.1 (2019-04) Draft ETSI EN 301 489-52 V1.1.0 (2016-11)
Health	:	EN 50566: 2017 EN 62209-2: 2010 EN 62479: 2010
Safety	:	EN 60950-1: 2006+A11:2009 +A1: 2010+A12: 2011+A2: 2013

LIST OF DOCUMENTS REVIEWED

Item	**Exhibit Description**	
1.	Copy of the Declaration of Conformity	☑
2.	Agent/Representative authorization letter from Manufacturer (if application is filed by someone other than Manufacturer)	☑
3.	Attestation letter for compliance with Article 10(2)	☑
4.	Attestation letter and/or exhibits for compliance with Article 10(10) (i.e. info on packaging completed with users instructions)	☑
5.	A general description of the radio equipment (e.g. Operational Description)	☑
6.	Photographs or illustrations showing external features, marking and internal layout	☑
7.	RED Annex VI Point 8 - Versions of software or firmware affecting compliance with essential requirements	☑
8.	User information and installation instructions	☑
9.	Conceptual design and manufacturing drawings and schemes of components, sub-assemblies, circuits and other relevant similar elements	☑
10.	Descriptions and explanations necessary for the understanding of those drawings and schemes and the operation of the radio equipment	☑
11.	RED Annex III module B - Analysis and assessment of the risk(s)	☑
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	☐

Item	Exhibit Description (Cont.)				
13.	Results of design calculations made, examinations carried out, and other relevant similar elements				☑
14.	Test reports	Item	Report No.	Issue Date	☑
		Radio GSM	WTX19X09063031W-1	Oct. 24, 2019	
		Radio WCDMA	WTX19X09063031W-2	Oct. 24, 2019	
		Radio LTE	WTX19X09063031W-3	Oct. 24, 2019	
		Radio Wi-Fi	WTX19X09063031W-4	Oct. 24, 2019	
		Radio BT	WTX19X09063031W-5	Oct. 24, 2019	
		Radio GPS	WTX19X09063031W-6	Oct. 24, 2019	
		EMC	WTX19X09063031W-7	Oct. 24, 2019	
		Health	WTX19X09063031W	Oct. 24, 2019	
		Safety	WTX19X09063033S	Oct. 16, 2019	