



Shenzhen SEM Test Technology Co., Ltd.

1/F, Building A, Hongwei Industrial Park, Liuxian 2nd Road,  
Bao'an District, Shenzhen, P.R.C. (518101)

# CERTIFICATE OF CONFORMITY

Certificate No.: SEM18102499

The following product has been tested by Shenzhen SEM Test Technology Co., Ltd. with the listing standards and found in conformity with the **2014/53/EU Directive**. It is possible to use CE marking to demonstrate the conformity with this **RED Directive**.

**Report No.** : STR18108148E-1, STR18108148E-2, STR18108148E-3,  
STR18108148E-4, STR18108148E-5, STR18108148E-6,  
STR18108148E-7, STR18108148E-8, STR18108148S,  
**Manufacturer** : Shenzhen Inrico Electronics Co., LTD  
**Address** : 3/F, Building NO.118, High Tech Industrial Park, 72 Guowei  
Road, Luohu District, Shenzhen, China  
**Description of Product** : Mobile Network Radio  
**Model No.** : TM-7PLUS  
**Trade Name** : Inrico  
**Test Standards** : **Draft ETSI EN 301 489-1 V2.2.0 (2017-03)**  
**Draft ETSI EN 301 489-17 V3.2.0 (2017-03)**  
**Draft ETSI EN 301 489-19 V2.1.0 (2017-03)**  
**Draft ETSI EN 301 489-52 V1.1.0 (2016-11)**  
**ETSI EN 300 328 V2.1.1 (2016-11)**  
**ETSI EN 303 413 V1.1.1 (2017-06)**  
**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)**  
**EN 62311:2008**  
**EN 60950-1: 2006+A11:2009 +A1: 2010+A12: 2011+A2: 2013**

The referred test report(s) show that the product complies with the essential requirements in the above listed standards. The applicant is authorized to use this certificate in connection with the EU declaration of conformity according to Article 3.1a, Article 3.1b, Article 3.2 of the Directive.



Test Laboratory

Jandy So  
Supervisor

Date of Issue: Jan 31, 2019

Place of signature: Luohu District, Shenzhen



This certificate of conformity is based on a single evaluation of the submitted sample(s) of the above mentioned product. It does not imply an assessment of the whole production and other relevant Directives have to be observed.

Tel.: +86-755-33663308

Fax.: +86-755-33663309

E-mail: [sem@semtest.com.cn](mailto:sem@semtest.com.cn)

Website: [www.semtest.com.cn](http://www.semtest.com.cn)



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## ANNEX 1 TO CERTIFICATE OF CONFORMITY

Certificate No.: SEM18102499

### PRODUCT SPECIFICATIONS

Technical Characteristics of EUT	
<b>2G</b>	
Support Networks:	GSM, GPRS, EDGE
Support Bands:	GSM900, DCS1800
Frequency Range:	GSM900: Tx: 880-915MHz, Rx: 925-960MHz
	DCS1800: Tx: 1710-1785MHz, Rx: 1805-1880MHz
RF Output Power:	GSM900: 31.33dBm, GSM1800: 29.50dBm EDGE900: 29.69dBm, EDGE1800: 26.08dBm
Modulation Type:	GMSK, 8PSK
Type of Antenna:	External Antenna
Antenna Gain:	GSM900: 1.57dBi, DCS1800:0.21dBi
GPRS/EDGE Class:	Class 12
<b>3G</b>	
Support Networks:	WCDMA, HSDPA, HSUPA
Support Bands:	WCDMA Band 1, WCDMA Band 8
Frequency Range:	WCDMA Band 1: Tx: 1920-1980MHz, Rx: 2110-2170MHz
	WCDMA Band 8: Tx: 880-915MHz, Rx: 925-960MHz
RF Output Power:	WCDMA Band 1: 22.86dBm, WCDMA Band 8: 22.36dBm
Modulation Type:	BPSK, QPSK, 16QAM
Antenna Type:	External Antenna
Antenna Gain:	WCDMA Band 1: -1.31dBi, WCDMA Band 8: 1.57dBi
<b>4G</b>	
Support Bands:	FDD-LTE Band1, 3, 7,8, 20, 28, TDD-LTE Band 40
Frequency Range:	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 8: Tx: 880-915MHz, Rx: 925-960MHz
	FDD-LTE Band 20: Tx: 832-862MHz, Rx: 791-821MHz
	FDD-LTE Band 28: Tx: 703-748MHz, Rx: 758-803MHz
	TDD-LTE Band 40: Tx: 2300-2400MHz, Rx: 2300-2400MHz

Max.RF Output Power:	FDD-LTE Band 1: 24.84dBm, FDD-LTE Band 3: 24.42dBm, FDD-LTE Band 7: 23.85dBm, FDD-LTE Band 8: 24.29dBm, FDD-LTE Band 20: 24.62dBm, FDD-LTE Band 28: 24.59dBm, TDD-LTE Band 40: 24.67dBm
Modulation Type:	QPSK, 16QAM
Antenna Type:	External/ Integral Antenna
Antenna Gain:	FDD-LTE Band 1: -1.31dBi, FDD-LTE Band 3: 0.21dBi, FDD-LTE Band 7: -0.78dBi, FDD-LTE Band 8: 1.57dBi, FDD-LTE Band 20: -3.26dBi, FDD-LTE Band 28: -0.06dBi, TDD-LTE Band 40: -3.26dBi,
<b>Bluetooth</b>	
Bluetooth Version:	Bluetooth V4.0
Frequency Range:	2402-2480MHz
Max.RF Output Power:	2.34dBm (EIRP)
Type of Modulation:	GFSK, Pi/4 DQPSK, 8DPSK
Data Rate:	1Mbps, 2Mbps, 3Mbps
Quantity of Channels	79/40
Channel Separation:	1MHz/2MHz
Type of Antenna:	Integral Antenna
Antenna Gain:	0.46dBi
<b>Wi-Fi (2.4G)</b>	
Support Standards:	802.11b, 802.11g, 802.11n-HT20/40
Frequency Range:	2412-2472MHz for 802.11b/g/n(HT20) 2422-2462MHz for 802.11n(HT40)
Max.RF Output Power:	14.33dBm (EIRP)
Type of Modulation:	CCK, OFDM, QPSK, BPSK, 16QAM, 64QAM
Data Rate:	1-11Mbps, 6-54Mbps, up to 150Mbps
Quantity of Channels	13 for 802.11b/g/n(HT20), 9 for 802.11n(HT40)
Channel Separation:	5MHz
Type of Antenna:	Integral Antenna
Antenna Gain:	0.46dBi
<b>GPS</b>	
Frequency Range:	1575.42MHz