

R&TTE Conformity Assessment – Ti7

- Description and Permitted Use:

The Ti7 is a 7” touch screen product designed for the use in agricultural tractors. The screen can be used independently offering section control, VRT, Auto Steer and rich 3D display. It comes with standard in built basic L1 GLIDE or L1/L2/LBand GLIDE capable GPS receivers and a cell modem. There is no build in data radio module with the Ti7 product.

The built in HSDPA module Air prime MC7304, from Sierra manufacturer or Telit HE910, from Telit manufacturer, both used for remote assistance via public HSDPA / GSM network.

The built in Wi-Fi module Tiwi-BLE, from LSR manufacturer is used for remote assistance and does not access public HSDPA / GSM networks.

- Applicable directive for conformity assessment:

Radio and Telecommunications Terminal Equipment (R&TTE, 1999/5/EC)

- Applicable conformity assessment procedure

Annex II of the directive Radio and Telecommunications Terminal Equipment (R&TTE, 1999/5/EC).

- Conformance with essential requirements:

- Electrical Safety:

The product is designed and produced according to the requirements of the standard EN60950-1:2006.

The product operates with a nominal voltage of 12VDC.

- Assessment:

Refer to the EN60950:2006 test report document

- Electromagnetic Compatibility

The product is with respect to EMC requirements conform to the EMC directive (2004/108/EC).

The conformity of the product to the standard of ISO 14982:2009 is shown with the measurements according to the test report

- Efficient use of Frequency Spectrum

LSR Wireless module:

The conformity of the module to EU Directive 1999/5/EC is shown in the Declaration of Conformity document found in Annex A.

Telit Wireless module:

The conformity of the module to EU Directive 1999/5/EC is shown in the Declaration of Conformity document found in Annex B.

Sierra Wireless module:

The conformity of the module to EU Directive 1999/5/EC is shown in the Declaration of Conformity document found in Annex C.

- Notification prior putting the product on the market:

Not necessary

- Identification:

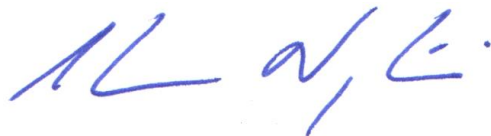
The identification according to the equipment class1 is required. (CE sign only).

The CE declaration of conformity and the user manual are an integral part of any product. The user manual is delivered with each product.

- Conclusion:

According to our assessment and judgement, the Ti7 is in compliance to the requirement of the Radio and Telecommunication Terminal Equipment (RTTE 1995/5/EC).

Hexagon Agriculture, September 1st, 2016.



Adriano Napolini
R&D Innovation Director

Annex A

LSR Wireless



DECLARATION OF CONFORMITY

We, **LSR**
W66 N220 Commerce Ct
Cedarburg, WI. 53012 USA

This declaration is issued under the sole responsibility of the manufacturer:

The TiWi-R2 Bluetooth® and WiFi module is a high performance 2.4 GHz IEEE 802.11 b/g/n Bluetooth® 2.1+EDR radio in a cost effective, pre-certified footprint

The TiWi-BLE Bluetooth and Wi-Fi combo module is a high performance 2.4 GHz WLAN IEEE 802.11 b/g/n, Bluetooth 2.1+EDR and Bluetooth 4.0 (Bluetooth Low Energy) radio in a cost effective, pre-certified footprint.

	Part Number	Description
	LSR 450-0037	TiWi-R2 Bluetooth Module
	LSR 450-0064	TiWi-BLE Bluetooth Module

To which this declaration relates, is in compliance with all the applicable essential requirements, and other provisions of the Union Harmonization Legislation:

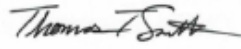
1999/5/EC	Radio and Telecommunications Terminal Equipment Directive (R&TTE)
2011/65/EU	RoHS Directive (See Appendix A for RoHS Exemptions)

Product compliance has been demonstrated on the basis of:

EN 60950-1:2006 +A11:2009 +A1:2010 +A12:2011 +A2:2013	For article 3.1a: Health and Safety
EN 301 489-17 v2.2.1 (2012-09) EN 55022:2010 +AC:2011	For article 3.1b: Electromagnetic Compatibility (EMC)
EN 300 328 v1.9.1 (2015-02)	For article 3.2: Effective use of spectrum allocated
EN 50581:2012	RoHS

The technical construction file is kept available at:

LSR
 W66 N220 Commerce Ct
 Cedarburg, WI. 53012
 USA
 Phone: (262) 375-4400

Issued on	July 14, 2016
Company name	LSR
Signature	
Printed name	Tom Smith
Title	Director of EMC Compliance



Appendix A RoHS Exemptions

Component Type	EU RoHS Exemption Applied	
Resistor	7(c)-I	Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound

Annex B

Telit Wireless Modem

14.1. 1999/5/EC Directive (HE910)

The HE910 mPCIe and HE910-D mPCIe have been evaluated against the essential requirements of the 1999/5/EC Directive.

Bulgarian	С настоящето Telit Communications S.p.A. декларира, че 2G/3G module отговаря на съществените изисквания и другите приложими изисквания на Директива 1999/5/EC.
Czech	Telit Communications S.p.A. tímto prohlašuje, že tento 2G/3G module je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES.
Danish	Undertegnede Telit Communications S.p.A. erklærer herved, at følgende udstyr 2G/3G module overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.
Dutch	Hierbij verklaart Telit Communications S.p.A. dat het toestel 2G/3G module in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.
English	Hereby, Telit Communications S.p.A., declares that this 2G/3G module is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
Estonian	Käesolevaga kinnitab Telit Communications S.p.A. seadme 2G/3G module vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.
German	Hiermit erklärt Telit Communications S.p.A., dass sich das Gerät 2G/3G module in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 1999/5/EG befindet.
Greek	ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ Telit Communications S.p.A. ΔΗΛΩΝΕΙ ΟΤΙ 2G/3G module ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ.
Hungarian	Alulírott, Telit Communications S.p.A. nyilatkozom, hogy a 2G/3G module megfelel a vonatkozó alapvető követelményeknek és az 1999/5/EC irányelv egyéb előírásainak.
Finnish	Telit Communications S.p.A. vakuuttaa täten että 2G/3G module tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.
French	Par la présente Telit Communications S.p.A. déclare que l'appareil 2G/3G module est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.
Icelandic	Hér með lýsir Telit Communications S.p.A. yfir því að 2G/3G module er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 1999/5/EC
Italian	Con la presente Telit Communications S.p.A. dichiara che questo 2G/3G module è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.
Latvian	Ar šo Telit Communications S.p.A. deklarē, ka 2G/3G module atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
Lithuanian	Šiuo Telit Communications S.p.A. deklaruoja, kad šis 2G/3G module atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.
Maltese	Hawnhekk, Telit Communications S.p.A., jiddikjara li dan 2G/3G module jikkonforma mal-ħtiġijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Dirrettiva 1999/5/EC.
Norwegian	Telit Communications S.p.A. erklærer herved at utstyret 2G/3G module er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 1999/5/EF.
Polish	Niniejszym Telit Communications S.p.A. oświadcza, że 2G/3G module jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC

In order to satisfy the essential requirements of 1999/5/EC Directive, the HE910 mPCle is compliant to the following standards:

RF spectrum use (R&TTE art. 3.2)	EN 300 440-2 V1.4.1 EN 301 511 V9.0.2 EN 301 908-1 V6.2.1 EN 301 908-2 V6.2.1
EMC (R&TTE art. 3.1b)	EN 301 489-1 V1.9.2 EN 301 489-3 V1.4.1 EN 301 489-7 V1.3.1 EN 301 489-24 V1.5.1
Health & Safety (R&TTE art. 3.1a)	EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 EN 62311:2008

In order to satisfy the essential requirements of 1999/5/EC Directive, the HE910-D mPCle is compliant to the following standards:

RF spectrum use (R&TTE art. 3.2)	EN 301 511 V9.02 EN 301 908-1 V6.2.1 EN 301 908-2 V6.2.1
EMC (R&TTE art. 3.1b)	EN 301 489-1 V1.9.2 EN 301 489-7 V1.3.1 EN 301 489-24 V1.5.1
Health & Safety (R&TTE art. 3.1a)	EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 EN 62311:2008


The conformity assessment procedure referred to in Article 10 and detailed in Annex V of Directive 1999/5/EC has been followed with the involvement of the following Notified Body:

CETECOM ICT SERVICES GMBH
 Untertürkheimer Straße 6-10 66117
 SAARBRÜCKEN
 Country: Germany
Notified Body Number 0682.

Thus, the following marking is included in the product: **CE 0682**

Annex C

Sierra Wireless Modem



SIERRA
WIRELESS™

R&TTE Declaration of Conformity

We, **SIERRA WIRELESS TECHNOLOGY (SZ) LTD.**
2/F, Jiuzhou Electronic Building, Southern
No. 12 Rd., Hi-tech Park, Nanshan, SZ, China

declare under our sole responsibility that the product:

AirPrime® Wireless Module
MC7304

to which this declaration relates is in conformity with the *essential requirements* and *other relevant requirements* of the **R&TTE Directive (1999/5/EC)**.
The product is compliant with the following standards and/or other normative documents:

EN 62311: 2008
EN 60950-1:2006 +A11:2009 +A1:2010 +A12:2011 +AC: 2011
EN 301 489-1 V1.9.2 (2011-09), -7 V1.3.1 (2005-11), -24 V1.5.1 (2010-10)
EN 301 511 (V 9.0.2)
EN 301 908-1 V5.2.1 (2011-05), -2 V5.2.1 (2011-07)
EN 301 908-13 V5.2.1 (2011-05)

RoHS:


The product **MC7304** are in conformity with **Directive 2011/65/EU** of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment

The RoHS directive is with respect to any homogenous components used in the product as shipped by Sierra Wireless, in its entirety.

Sierra Wireless has reached its conclusion that the products listed above are RoHS compliant based on its knowledge and belief via internal design controls, analytical test data and information provided by its component suppliers. However, Sierra Wireless makes no representation or warranty as to the accuracy of such third party information.

Place and date of issue: Shenzhen, December 16th 2013

Signed by the manufacturer:



Name: Archie Shyu
Title: Vice President, Engineering