

# EU Declaration of Conformity

**Manufacturer name:** u-blox AG  
**Address:** Zuercherstrasse 68, CH-8800 Thalwil, Switzerland  
**Info :** www.u-blox.com  
**Product :** TOBY-L280

To whom it may concern,

Hereby, u-blox AG declares under its sole responsibility that module is in compliance with the essential requirements and other relevant provisions of the Radio Equipment Directive 2014/53/EU (RED) and the Restriction of the use of certain Hazardous Substances Directive 2011/65/EU (RoHS 2) and its amendment Directive 2015/863/EU (RoHS 3).

Technology	Product
Multi-Mode LTE CAT 4	TOBY-L280

Radio Equipment Directive 2014/53/EU Essential requirements	Standards
<b>Safety &amp; Health</b> (Article 3.1a)	EN 62368-1:2014 EN 62368-1:2014/AC:2015 EN 62368-1:2014 +A11:2017 EN 62311: 2008
<b>EMC</b> (Article 3.1b)	EN 301 489-1 V2.1.1 EN 301 489-52 V1.1.0
<b>Radio Spectrum Efficiency</b> (Article 3.2)	EN 301 511 V12.5.1 EN 301 908-1 V15.1.1 EN 301 908-2 V13.1.1 EN 301 908-13 V13.2.1

RoHS 2 Directive 2011/65/EU RoHS 3 Directive 2015/863/EU Essential requirements	Standards
<b>Prevention</b> (Article 4.1)	EN IEC 63000:2018

Signed for and on behalf of u-blox AG :

<b>Name</b>	Giulio Comar
<b>Position</b>	Certification Manager
<b>Date of issue</b>	4 August 2023
<b>Signature</b>	 u-blox AG

### Maximum Antenna Gain

Frequency Band	Maximum Gain (dBi)
GSM 900	3.20
GSM 1800	9.14
UMTS FDD1	12.33
UMTS FDD8	8.94
LTE eFDD 1	12.83
LTE eFDD 3	12.33
LTE eFDD 7	13.01
LTE eFDD 8	9.45
LTE eFDD 28	8.47