

EU Declaration of Conformity

To whom it may concern:

Hereby, u-blox AG declares under its sole responsibility that the TOBY-L2 Multi-mode LTE Cat 4 data and voice module is in compliance with the essential requirements and other relevant provisions of Radio Equipment Directive (RED) 2014/53/EU and Restriction of the use of certain hazardous substances (RoHS 3) Directive 2015/863/EU.

Technology	Product Name
Multi-mode LTE Cat 4	TOBY-L200, TOBY-L280

Essential Requirements Radio Equipment Directive 2014/53/EU	Standards
Safety & Health (Article 3.1a)	EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + AC:2011+A2:2013 IEC 62368-1:2014 (2 nd Edition) and EN 62368-1:2014 EN 62311:2008
EMC (Article 3.1b)	EN 301 489-1 V2.1.1 EN 301 489-52 V1.1.0
Radio Spectrum Efficiency (Article 3.2)	EN 301 511 V12.5.1 EN 301 908-1 V11.1.1 EN 301 908-2 V11.1.2 EN 301 908-13 V11.1.2

Essential Requirements RoHS 3 Directive 2015/863/EU	Standards
Prevention (Article 4.1)	EN 50581:2012

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Signature: 

Maximum Antenna Gain

TOBY-L200

Mode	Maximum Antenna Gain	Power Density
GSM 900	2.9 dBi	0,44 mW/cm ²
GSM 1800	8.8 dBi	0,85 mW/cm ²
UMTS FDD1	12.3 dBi	0,952 mW/cm ²
UMTS FDD8	8.9 dBi	0,44 mW/cm ²
LTE eFDD7	13.98 dBi	1.25 mW/cm ²

TOBY-L280

Mode	Maximum Antenna Gain	Power Density
GSM 900	2.9 dBi	0,44 mW/cm ²
GSM 1800	8.8 dBi	0,85 mW/cm ²
UMTS FDD1	12.93 dBi	0,952 mW/cm ²
UMTS FDD8	8.9 dBi	0,44 mW/cm ²
LTE eFDD7	13.98 dBi	1.25 mW/cm ²
LTE eFDD1	12.83 dBi	0.96 mW/cm ²
LTE eFDD3	12.33 dBi	0,855 mW/cm ²
LTE eFDD8	9.45 dBi	0,44 mW/cm ²

