

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 family 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) Directive 2011/65/EU.

Technology	Product Name
Multi-mode LTE Cat 4	TOBY-L200, TOBY-L210, TOBY-L280.

Essential Requirements Radio Equipment Directive 2014/53/EU	Standards
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Safety & Health (Article 3.1a)	EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + AC:2011 EN 62311:2008
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EMC (Article 3.1b)	EN 301 489-1 V2.1.1 EN 301 489-52 V1.1.1
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Radio Spectrum Efficiency (Article 3.2)	EN 301 511 V9.0.2 EN 301 908-1 V11.1.1 EN 301 908-2 V11.1.1 EN 301 908-13 V11.1.1
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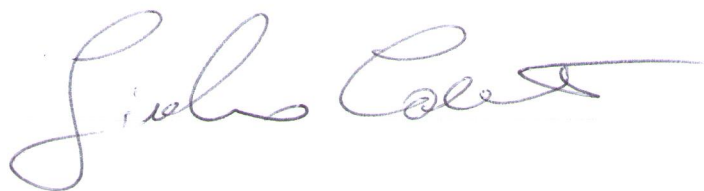
Essential Requirements RoHS Directive 2011/65/EU	Standards
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Prevention (Article 4.1)	EN 50581:2012
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Authorized representative within the European Union
u-blox Italia S.p.A., Via Stazione di Prosecco, 15, 34010 Sgonico (TS), Italy

Name:	Giulio Comar
Position:	Certification Manager
Date of Issue:	09.06.2017

Signature:



Maximum Antenna Gain

TOBY-L200

Mode	Maximum Antenna Gain	Power Density
GSM 900	6.30 dBi	0,899 mW/cm ²
GSM 1800	9.35 dBi	0,899 mW/cm ²
UMTS FDD1	11.92 dBi	0,872 mW/cm ²
UMTS FDD8	9.03 dBi	0,448 mW/cm ²
LTE eFDD7	13.01 dBi	1mW/cm ²

TOBY-L210

Mode	Maximum Antenna Gain	Power Density
GSM 900	6.30 dBi	0,899 mW/cm ²
GSM 1800	9.35 dBi	0,899 mW/cm ²
UMTS FDD1	11.92 dBi	0,872 mW/cm ²
UMTS FDD8	9.03 dBi	0,448 mW/cm ²
LTE eFDD7	13.01 dBi	1 mW/cm ²
LTE eFDD1	12.90 dBi	0,974 mW/cm ²
LTE eFDD3	12.42 dBi	0,872 mW/cm ²
LTE eFDD8	9.53 dBi	0,448 mW/cm ²
LTE eFDD20	9.28 dBi	0,423 mW/cm ²

TOBY-L280

Mode	Maximum Antenna Gain	Power Density
GSM 900	6.30 dBi	0,899 mW/cm ²
GSM 1800	9.35 dBi	0,899 mW/cm ²
UMTS FDD1	11.92 dBi	0,872 mW/cm ²
UMTS FDD8	9.03 dBi	0,448 mW/cm ²
LTE eFDD7	13.01 dBi	1 mW/cm ²
LTE eFDD1	12.90 dBi	0,974 mW/cm ²
LTE eFDD3	12.42 dBi	0,872 mW/cm ²
LTE eFDD8	9.53 dBi	0,448 mW/cm ²