

## EU Compliance statement

**Product** **VERA-P1 V2X Host-based modules**  
 UBX-18054734  
**Date** 13 September 2019

To whom it may concern,

Hereby, u-blox AG declares that the following product – VERA-P1 V2X modules – have been tested to comply with the essential requirements and other relevant provisions of Radio Equipment Directive (RED) 2014/53/EU, except for the two test cases of EN 302 571 V2.1.1 which are listed in the second table, and with the Directive 2011/65/EU (EU RoHS 2) and its amendment Directive (EU) 2015/863 (EU RoHS 3).

Technology	Product name	Hardware release	Software release
802.11p	VERA-P173-00A VERA-P174-00A	0200.001	LLC Remote v15.0.0 or later

Essential requirements Radio Equipment Directive 2014/53/EU	Standards
<b>Safety &amp; Health</b> (Article 3.1a)	IEC 60950-1:2005 (2nd Edition) + A1:2009 + A2:2013 EN 60950-1:2006 + A11:2009 + A1:2010 + A12:2011 + A2:2013
<b>EMC</b> (Article 3.1b)	EN 301 489-1 V2.1.1 EN 301 489-17 V3.1.1
<b>Radio Spectrum Efficiency</b> (Article 3.2)	EN 302 571 V2.1.1 The following requirements have not been tested: 4.2.9 Interference mitigation for CEN DSRC and HDR DSRC in the frequency band 5 795 MHz to 5 815 MHz 4.2.10 Decentralized congestion control

Essential requirements Directive 2011/65/EU (EU RoHS 2) Directive 2015/863 (EU RoHS 3)	Standards
<b>Prevention</b> (Article 4.1)	EN 50581:2012

Authorized representative within the European Union:  
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Position	Senior Manager Quality/Environmental System & Supplier Quality
Date of issue	13 September 2019
Signature	



### List of antennas

Antenna name	Manufacturer	Comment	Gain
TD.10.5113	Taoglas	All tests performed with assumed 6 dBi external antenna gain. Radiated tests were performed with 50 $\Omega$ termination at the antenna ports.	5.88 dBi (5.9 GHz)