

# EU Declaration of Conformity

To whom it may concern:

Hereby, u-blox AG declares under its sole responsibility that the MPC-I-L2 Multi-mode LTE Cat 4 Mini PCIe 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 3) Directive 2015/863/EU.

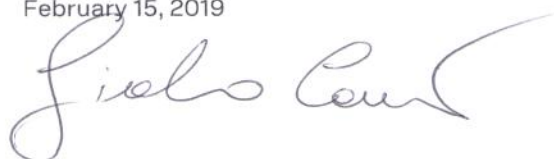
| Technology                     | Product Name                       |
|--------------------------------|------------------------------------|
| Multi-mode LTE Cat 4 Mini PCIe | MPCI-L200, MPC-I-L210, MPC-I-L280. |

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

| Essential Requirements<br>RoHS 3 Directive 2015/863/EU | Standards     |
|--------------------------------------------------------|---------------|
| <b>Prevention</b><br>(Article 4.1)                     | EN 50581:2012 |

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## Maximum Antenna Gain

| MPCI-L200 |                      |                          |
|-----------|----------------------|--------------------------|
| Mode      | Maximum Antenna Gain | Power Density            |
| GSM 900   | 6.30 dBi             | 0,899 mW/cm <sup>2</sup> |
| GSM 1800  | 9.35 dBi             | 0,899 mW/cm <sup>2</sup> |
| UMTS FDD1 | 11.92 dBi            | 0,872 mW/cm <sup>2</sup> |
| UMTS FDD8 | 9.03 dBi             | 0,448 mW/cm <sup>2</sup> |
| LTE eFDD7 | 13.01 dBi            | 1mW/cm <sup>2</sup>      |

| MPCI-L210  |                      |                          |
|------------|----------------------|--------------------------|
| Mode       | Maximum Antenna Gain | Power Density            |
| GSM 900    | 6.30 dBi             | 0,899 mW/cm <sup>2</sup> |
| GSM 1800   | 9.35 dBi             | 0,899 mW/cm <sup>2</sup> |
| UMTS FDD1  | 11.92 dBi            | 0,872 mW/cm <sup>2</sup> |
| UMTS FDD8  | 9.03 dBi             | 0,448 mW/cm <sup>2</sup> |
| LTE eFDD7  | 13.01 dBi            | 1 mW/cm <sup>2</sup>     |
| LTE eFDD1  | 12.90 dBi            | 0,974 mW/cm <sup>2</sup> |
| LTE eFDD3  | 12.42 dBi            | 0,872 mW/cm <sup>2</sup> |
| LTE eFDD8  | 9.53 dBi             | 0,448 mW/cm <sup>2</sup> |
| LTE eFDD20 | 9.28 dBi             | 0,423 mW/cm <sup>2</sup> |

| MPCI-L280 |                      |                          |
|-----------|----------------------|--------------------------|
| Mode      | Maximum Antenna Gain | Power Density            |
| GSM 900   | 6.30 dBi             | 0,899 mW/cm <sup>2</sup> |
| GSM 1800  | 9.35 dBi             | 0,899 mW/cm <sup>2</sup> |
| UMTS FDD1 | 11.92 dBi            | 0,872 mW/cm <sup>2</sup> |
| UMTS FDD8 | 9.03 dBi             | 0,448 mW/cm <sup>2</sup> |
| LTE eFDD7 | 13.01 dBi            | 1 mW/cm <sup>2</sup>     |
| LTE eFDD1 | 12.90 dBi            | 0,974 mW/cm <sup>2</sup> |
| LTE eFDD3 | 12.42 dBi            | 0,872 mW/cm <sup>2</sup> |
| LTE eFDD8 | 9.53 dBi             | 0,448 mW/cm <sup>2</sup> |