



Attn.: Reviewing Engineer

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Product Certification
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RE: Certification Application

Model: NINA-W131, NINA-W132
FCC ID:XPYNINAW13
IC: 8595A-NINAW13

Declaration of Product Equality

To whom it may concern:

We, u-blox AG, hereby declare that the product versions described below are identical.
Product Marketing Name: NINA-W101, NINA-W131 and NINA-W102, NINA-W132

- All RF-related components are identical and unchanged
- The printed wiring board have identical layer stack-up and dielectric properties
- Impedance controlled traces and other RF-related parts of the layout are identical
- The differences between the product versions are:
 - NINA-W101 and NINA-W131 have its RF-port presented at a solder land to be connected to an external antenna connector using the external antenna reference design.
 - NINA-W102 and NINA-W132 have their Printed Wiring Board extended by 3.4 mm to host an internal antenna. The internal antenna of NINA-W102 and NINA-W132 is connected to the module RF-port via a micro strip.

Thank you for your attention in this matter.

Yours Sincerely,

Olof Viklund
Senior Engineer, u-blox