



Attn: Reviewing Engineer
PHOENIX TESTLAB GmbH
Product Certification
Königswinkel 10
D-32825 Blomberg

Registered office:
u-blox AG
Zürcherstrasse 68
8800 Thalwil
Switzerland

Company number: CH-020.3.020.161-7

info@u-blox.com
support@u-blox.com

RE: Certification Application
Model: NINA-B311, NINA-B312
IC : 8595A-NINAB31
FCC ID: XPYNINAB31

Label location information for NINA-B311 and NINA-B312

The product label is affixed on to the module shield cover as shown in Figure 1. The size of the label is 7.5 x 7.5 mm and contains the following information:

- A Data Matrix formatted bar code, with a unique serial number
- Date of unit production formatted YY/WW (year/week)
- Major and minor product version info
- Product marketing name (e.g. NINA-B311, NINA-B312)
- u-blox logo, the red dot of the logo also indicates the location of module pin-1.



Figure 1: Label location of NINA-B311 and NINA-B312

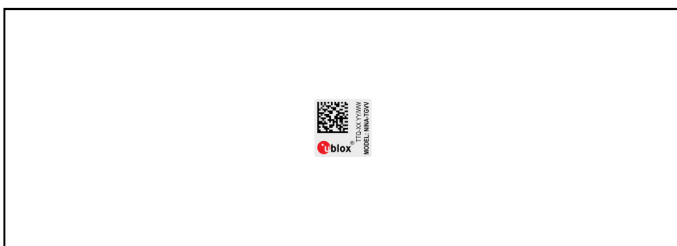
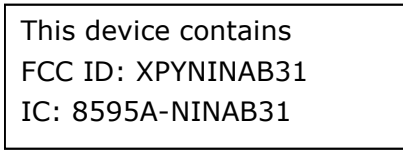


Figure 2: Actual size of the NINA-B311 and NINA-B312 identifier marking (7.5 x 7.5 mm)

The modules are SMT components shipped to the OEM-integrator on Tape&Reel packed in a sealed Dry-Pac bag and mounted onto the host board by automatic “Pick&Place” machines. As the module is a surface mount device that is soldered onto the host it is not possible to place the label on the secondary side of the module.

To be able to fit the FCC/IC certification number on the label the font size has to be smaller than 4 points. Using such small font size makes the certification number too small to be readable. Therefore in accordance with CFR 47 §2.925 (f) the FCC IDs is not printed on the label but instead placed in the user manual and placed on the device packaging (e.g. Dry-Pac bag).

The user manual also contains instruction on how to attach an auxiliary label on the end-product in compliance with the modular approval guidelines. The instructions will call attention to place the auxiliary label on an exterior surface of the device such that it will be visible upon inspection. The auxiliary label will have at least the information shown in Figure 3.

A rectangular box containing three lines of text: "This device contains", "FCC ID: XPYNINAB31", and "IC: 8595A-NINAB31".

This device contains
FCC ID: XPYNINAB31
IC: 8595A-NINAB31

Figure 3: Auxiliary label of NINA-B311 and NINA-B312