

Release note

Topic	u-connectLocate v2.1.0 for NINA-B41	
	UBX-23007275	C1-Public
Author	Giorgos Marakis	
Date	16 May 2023	

Copying, reproduction, modification or disclosure to third parties of this document or any part thereof is only permitted with the express written permission of u-blox. The information contained herein is provided "as is" and u-blox assumes no liability for its use. No warranty, either express or implied, is given, including but not limited to the accuracy, correctness, reliability and fitness for a particular purpose of the information. This document may be revised by u-blox at any time. For most recent documents, visit www.u-blox.com.
Copyright© u-blox AG.

Contents

1	General information	1
1.1	Scope	1
1.2	Related documentation	1
1.3	Released software package	1
1.4	Supported hardware	2
2	New features and improvements	2
2.1	Improvements in performance and accuracy	2
2.2	Support for ANT-B11	2
2.3	Resolved occasional crash issues	2
3	Known limitations	2

1 General information

1.1 Scope

This release note describes u-connectLocate v2.1.0 software for NINA-B410-40B and NINA-B411-40B. It documents the changes that have been implemented since the release of the v2.0.0 software.

1.2 Related documentation

- [1] NINA-B41 data sheet, [UBX-20035327](#)
- [2] ANT-B10 product summary, [UBX-21047856](#)
- [3] XPLR-AOA-1 product summary, [UBX-21015378](#)
- [4] XPLR-AOA-2 product summary, [UBX-21017999](#)
- [5] XPLR-AOA-1 and XPLR-AOA-2 explorer kits, [UBX-21004616](#)
- [6] ANT-B11 product summary, [UBX-22019612](#)

1.3 Released software package

File	Description
NINA-B41_u-connectLocate_2.1.0.zip	u-connectLocate 2.1.0 software package

1.4 Supported hardware

Ordering code	Description
ANT-B10	Bluetooth LE Direction Finding antenna board
ANT-B11	Bluetooth LE Direction Finding antenna board
NINA-B410-40B	Bluetooth LE module for Direction Finding. U.FL connector for external antenna array
NINA-B411-40B	Bluetooth LE module for Direction Finding. Antenna pin to connect external antenna array
XPLR-AOA-1	Bluetooth Direction Finding explorer kit with C211 antenna board
XPLR-AOA-2	Bluetooth Indoor Positioning explorer kit with C211 antenna board
XPLR-AOA-3	Bluetooth Direction Finding explorer kit with ANT-B10 antenna board

2 New features and improvements

2.1 Improvements in performance and accuracy

2.2 Support for ANT-B11 antenna board

Support that allows the embedded u-connectLocate software to be used with the u-blox ANT-B11 antenna board [\[6\]](#) has been added. The `AT+UDFCFG` command includes an option for configuring the board.

2.3 Resolved occasional crash issues

Fixed earlier issue that occasionally caused the module radio to crash.

3 Known limitations

Description	Reference
The LF Clock is required for the u-connectLocate software to start.	PGM_TE_BIP-146