

Information Note

Topic LARA-R220-62B Release to Production
UBX-17061668

Author Drazen Drinic

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1 Affected Products

Product Name	Order Code	Type No	Firmware	Remarks
LARA-R220	LARA-R220-62B	LARA-R220-62B-00	Modem: 30.44 Application: A01.03	Status: Initial Production

2 Type of Change

- Hardware modification
- Firmware update
- Documentation update
- Others

3 Description of Change

Known limitations are listed in Annex B.

4 Schedule

This information is effective as of 25th May, 2018.

5 Customer Impact and Recommended Action

ES modules can be updated to this IP firmware.

6 Reference Documents

- [1] LARA-R2 series Data Sheet, u-blox Document UBX-16005783, revision R15
- [2] u-blox AT Commands Manual, u-blox Document UBX-13002752, revision R58
- [3] LARA-R2 series System Integration Manual, u-blox Document UBX-16010573, revision R12

Annex

A Restriction compared to specifications

A.1 Hardware

No restrictions or limitations.

A.1 Features / Firmware / Software

No restrictions or limitations.

B Known bugs and limitation

- [u-blox id 751] The IPv6 address assigned by the network is not completely reported at the AT interface: +CGDCONT/+CGPADDR AT commands reports only the suffix part.
- [u-blox id 2297] During a PPP dial-up, AT+CGACT=1,x and AT+UPSDA=x,3 commands shall not be issued in +COPS: 2. The AT+COPS=0 command shall always be issued before.
- [u-blox id 2493] The usage of AT+CGACT=0 (with no <cid> specified) is deprecated: it deactivates all active PDP contexts and EPS bearers regardless of the clients associated with them (e.g. BIP, OMA-DM, IMS).
- [u-blox id 2874] The +CGCONTRDP AT command does not show the secondary IPv4 DNS address. It is possible to retrieve the secondary IPv4 and IPv6 DNS with the +UDNS read command.
- [u-blox id 2865] After the PIN insertion, the DUT registers even if the AT+COPS=2 command was issued before inserting the PIN.
- [u-blox id 3282] The module does not enter the power saving mode after an MT call if the UART interface is not connected.
- [u-blox id 3448] After a network detach with detach cause 8 "EPS services and not EPS services not allowed", the <type> value in +CEER AT command reports a wrong value "SM attach error".
- [u-blox 3761] A dial-up connection with automatic authentication (+UAUTHREQ) works only if the PDP context is previously activated with the +CGACT AT command.