

IN – Information Note

Topic:	LARA-R202-02B Release to Production
	UBX-17057959
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1 Affected Products

Product Name	Order Number	Type No	Firmware version	Remarks
LARA-R202	LARA-R202-02B	LARA-R202-02B-00	Modem: 30.42 Application: A01.00	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 27th October, 2017.

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 R13
- [2] u-blox AT Commands Manual, u-blox Document UBX-13002752, revision R55
- [3] LARA-R2 series System Integration Manual, u-blox Document UBX-16010573, revision R10

A Restriction compared to specifications

Hardware

No restrictions or limitations.

Features / Firmware / Software

- The VoLTE feature has been tested on AT&T and TMO network operators and certified on AT&T. On other mobile network operators, VoLTE performance might differ because the feature depends on the operator's network configuration.

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 reports only the suffix part.
- [u-blox id 2297] PPP dial-up, AT+CGACT=1,x and AT+UPSDA=x,3 shall not be issued in +COPS: 2. AT+COPS=0 shall always be issued before.
- [u-blox id 2493] 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 to them (e.g. BIP, OMA-DM, IMS).
- [u-blox id 2613] IMS might not start if AT+COPS=2 is entered soon after +CGEV: PDN ACT 31.
- [u-blox id 2874] +CGCONTRDP does not show the secondary IPv4 DNS address. It possible to retrieve the secondary IPv4 and IPv6 DNS with the AT+UDNS? command.
- [u-blox id 2865] After the PIN is inserted, DUT registers even if AT+COPS=2 was issued before inserting PIN.
- [u-blox id 3282] The module does not enter on power saving after MT call if UART is not connected.
- [u-blox id 3317] In LTE, the XCAP service can use GBA as authentication mechanism. GBA uses (NSF/BSF) shared credentials to authenticate the XCAP user. The GBA is not implemented and XCAP services (i.e. call forwarding configuration) with GBA requirement fail to execute properly.
- [u-blox id 3399] After having created a 4-way VoLTE conference on AT&T network (AT+CHLD=3), an error result code is returned although merging the calls was successful.
- [u-blox id 3342] It might be necessary to re-establish EPS data connectivity (e.g. via AT+CGACT) after a mobile terminated Detach Request received in LTE with IMS enabled.
- [u-blox id 3448] After a NW detach with detach cause 8 "EPS services and not EPS services not allowed, the <type> value in +CEER reports a wrong value "SM attach error".
- [u-blox id 3618] It is not recommended to abort supplementary services AT commands.