

## Information Note

**Topic** TOBY-L4906-50A Initial Production  
UBX-18069505

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## 1 Affected Products

Product Name	Order Code	Type No	Modem version	Application version	Remarks
TOBY-L4906	TOBY-L4906-50A	TOBY-L4906-50A-01	40.25	A00.17	

## 2 Type of Change

- Hardware modification
- Firmware update
- Documentation update
- Others

## 3 Description of Change

Known limitations. See annex B.

## 4 Schedule

This information is effective as of 8<sup>th</sup> May, 2019.

## 5 Customer Impact and Recommended Action

It is possible to upgrade IP firmware version to engineering samples.

## 6 Reference Documents

- [1] u-blox AT Commands Manual ([UBX-13002752](#))
- [2] TOBY-L4 series System Integration Manual ([UBX-16024839](#))
- [3] TOBY-L4 series Data Sheet ([UBX-16009856](#))

## Annex

### A Delta respect previous versions

#### A.1 Hardware

None.

#### A.2 Firmware

The following issues, which affect the previous version (**40.25 A00.09**), have been resolved:

- **[u-blox id 2348]** AT+UIPROUTE occasionally responds with “not supported”.
- **[u-blox id 2288]** Missing the response to DHCP discover messages.
- **[u-blox id 2269]** The TOBY-L4 AT interface goes silent.
- **[u-blox id 2231]** ttyACM2 goes silent without a TOBY-L4 self-reset.
- **[u-blox id 2382] / [u-blox id 2384] / [u-blox id 2196]** In some specific network configurations with CA (carrier aggregation) enabled, LTE FW crashes have been observed.

### B Restrictions compared to specifications

#### A.1 Hardware

None.

#### A.2 Firmware

The firmware has Carrier Aggregation disabled.

The issues listed below are still open since no root cause has been identified:

- **[u-blox id 2229] [DSYSL-2579] [EDMS-8236]** In some cases TOBY-L4 did not become responsive even after several “emergency switch-off” procedures performed by the Lion application processor.
- **[u-blox id 2719] [DSYSL-3689]** TOBY-L4 observed to not perform the boot sequence until a full Lion power cycle.