

IN – Information Note

TOBY-L201-01S module Initial Production

Product Name	Ordering Code	Design Status	Created		Document #
TOBY-L201	TOBY-L201-01S	Initial Production	Drazen Drinic	06-May-2016	UBX-15021135

1. Identification				
Package	1	No of units	1	
Marking				
Firmware	09.93	Application firmware	A01.07	

2. Restriction as compared to specification				
See Annex A.				

3. Detected Defects				
See Annex B.				

4. Workarounds				
Workarounds – if available – are described in Annex A and B.				

5. Test Status				
<input checked="" type="checkbox"/> Tested according to specification	<input type="checkbox"/> Untested	<input type="checkbox"/> Limited testing. see Annex A & B		

6. References				
[1] TOBY-L2 /MPCI-L2 Series System Integration Manual, u-blox Document UBX-13004618, Revision R09 [2] u-blox AT Commands Manual, u-blox Document UBX-13002752, Revision R31 [3] TOBY-L2 series Data sheet, u-blox Document UBX-13004573, Revision R09				

7. Expected Customer Feedback			Expected by
Feedback should be provided to u-blox technical support.			

8. Delivery Release				
Product Manager				
Name: Drazen Drinic	Date: 06-May-2016			

Annex A – Restrictions compared to specifications

A.1 Hardware

A.1.1 Limitations

No Limitations compared to product documentation.

A.2 Firmware

TOBY-L201-01S engineering sample and older cannot be updated to version -01S IP.

A.2.1 Restrictions and limitations

No Limitations compared to product documentation.

A.2.2 List of known bugs

- [u-blox ID 2123] In VZW configuration: IMS client is not properly restarted after a SIM refresh (the first time a new SIM is inserted) SMS over-IMS will not work. Workaround: reset the modem with +CFUN=16 (the situation is identified by the following URCs: +CGREG: 4, +CEREG: 0, +UREG: 0, +CGEV: ME DETACH). After this reset the module will work properly.
- [u-blox ID 2105] values are not stored in NVM: +UMNOCNF=3,7 configuration +CGSMS and "KEY_MO_SMS_FORMAT" .
- [u-blox ID 2078] In VZW configuration: when a SMS is stored in SM memory in text mode (+CMGF=1), the <scts> field does not contain the value of the service center time stamp. Workaround: use the PDU mode (+CMGF=0).[u-blox ID 2076] Do not close the MUX ports immediately after the termination of a dial-up. It is recommended to wait 3 seconds.
- [u-blox ID 2031] In VZW configuration: use +CFUN=16 in case of IMS registration issues, use +CFUN=1,1 instead of +CFUN=1 to exit airplane mode.
- [u-blox ID 2030] During PPP startup some unexpected strings may be sent by the modem. Workaround: ignore these strings.
- [u-blox ID 1996] Preferred operator list command (+CPOL) is not available in +COPS=2.
- [u-blox ID 1980] In +UCGED the LTE indicators <mmeGrId> and <mmeCode> may be wrong.
- [u-blox ID 1928] Use +CESQ for RSSI level indication in LTE RAT instead of +CIEV.
- [u-blox ID 1920] All the MUX ports shall be opened simultaneously.
- [u-blox ID 1911] Wrong +UUSORF indication when there are more packets to read available. URC notifies only the size of next available packet to read.
- [u-blox ID 1906] Downloading a file in the file system at high baudrate (921600 bps) can lead to data corruption. Workaround: decrease the UART baudrate to 115200 bps.
- [u-blox ID 1870] +CMGW and +CMSS shall not be used on VZW network. Use +CMGS instead.
- [u-blox ID 1188] After deleting a PDP context with +CGDEL, if the context is later re-defined, all previously existing associated data (QoS profiles, TFTs) will reappear.
- [u-blox ID 804] +URAT preferred values are not always respected when the setting is done with the sequence +COPS=2, +URAT, +COPS=0. Use the sequence: +CFUN=4, +URAT, +CFUN=1.