

PCN – Product Change Notification

Topic:	SARA-U270-00S Product Change Notification
	UBX-16006754
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Date:	23 rd March 2016

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1 Affected Products

Product Name	Order Number	Type No (Old)	Type No (New)	Remarks
SARA-U270	SARA-U270-00S	SARA-U270-00S-00	SARA-U270-00S-01	

2 Type of Change

Hardware modification

Firmware update

Others, _____

3 Description of Change

The firmware of the products has been updated:

- Fix an error in the implementation of HTTP POST command.

No hardware modifications were made.

	Modem firmware number	Application firmware number
SARA-U270-00S-01	23.20	A01.01

4 Schedule

Samples:	Not required
Estimated First Shipment Date ⁽¹⁾ : <ul style="list-style-type: none"> SARA-U270-00S-01 	23 rd April 2016
Documentation:	Available

5 Customer Impact and Recommended Action

The modem firmware (retrievable via the AT+CGMR command) has not changed (see above).

The Application firmware (retrieved via the AT19 command) is: A01.01.

Changes are not relevant for approvals and certifications.

u-blox has taken utmost care to ensure full backward compatibility to the previous versions. A system check before deployment in production is however still recommended.

6 Known bugs and limitation

- (u-blox tracking number 15392) +ULOC command: when the sensor requested is "1" (GNSS receiver), the module sometimes returns a position with sensor "2" (CellLocate sensor) as the sensor used. This happens typically when the timeout is very short (e.g. 10 or 20 s) and the GPS antenna is unplugged. The positioning information is correct.
- (u-blox tracking number 16300) +UGSRV command: the MGA secondary server address has always to be set. Do not leave empty.
- (u-blox tracking number 16444) module is locked on a UMTS cell with UCELLLOCK: there is no indication (URC) when network coverage is lost, and module remains unregistered. Workaround: poll the module with +CREG command, and when registration is lost use +COPS command.
- (u-blox tracking number 16130) +UUSORD: when data is available in the socket, command returns <CR><LF>OK<CR><LF> instead of <CR><LF><CR><LF><OK<CR><LF> (which is specified in [2]).
- (u-blox tracking number SARA_U260_00S-51) if power saving is active (+UPSV=2) and sidetone is disabled (+USTN=1,0) ring tones and audio resources set with AT+UPAR are not played by the module. Workaround: set the sidetone gain at the minimum value (AT+USTN=1,1). The proposed workaround has no impact on module features.

7 Reference Documents

- [1] SARA-U2 Data Sheet, u-blox Document UBX-13005287
- [2] u-blox AT Commands Manual, u-blox Document UBX-13002752
- [3] SARA-G3 and SARA-U2 series System Integration Manual, u-blox Document UBX-13000995

¹ The Estimated First Shipment Date is the forecasted date that a customer may expect to receive changed product with the new Type Number. This is determined by the estimated date of inventory depletion on the PCN issue date. This may be affected by fluctuations in supply and demand. Consequently, although customers should be prepared to receive changed product on this date, u-blox will continue to ship pre-changed product until a time in which inventory has been depleted. This may result in pre-changed product being shipped to customers after this forecasted date.