

## PCN – Product Change Notification

<b>Topic:</b>	<b>SARA-U270-53S firmware change</b>
	UBX-17011151
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<b>Date:</b>	24 <sup>th</sup> March 2017

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### 1 Affected Products

Product Name	Order Number	Type No (Old)	Type No (New)	Remarks
SARA-U270	SARA-U270-53S	SARA-U270-53S-00	SARA-U270-53S-01	

### 2 Type of change

Hardware modification

Firmware update

Others, \_\_\_\_\_

### 3 Description of change

A new firmware version has been released to provide a full solution to the issues detected by customers during the KT certification. The module hardware remains unchanged.

The issues were the following:

M385G-1106	+CEER does not report SM activation error and SM deactivation when using internal IP stack, i.e. +UPSDA
M385G-1175	NOM I, reject cause #17, SOR disabled (+UDCONF: 20,0), after 5 Attach Rejects 4 additional LAU attempts are not sent
M385G-1204	[STK] When a REFRESH is FETCHed, the PPP state is checked to decided whether the proactive command is to be processed or put on hold. Implement a +UDCONF=54 to disable/enable the check

The modem firmware version has not changed, although the application firmware version has changed:

Product Type number	Modem firmware version	Application firmware version
SARA-U270-53S-01	23.41 (not changed)	A01.04

Modem firmware number can be retrieved through +CGMR command, pplication firmware number can be retrieved through AT19 command

See AT commands manual [1] for details

Firmware is fully tested and passed all the release tests in u-blox.

### 4 Schedule

Estimated First Shipment Date :	<b>June 2017</b>
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## 5 Customer impact and recommended action

u-blox has taken utmost care to ensure full backward compatibility to the previous versions and the applied change is not relevant for approvals and certifications.

## 6 Known bugs and limitations

See [3]

## 7 Reference documents

- [1] u-blox AT Commands Manual, u-blox document UBX-13002752
- [2] Sample Delivery Note SARA-U270-53S, u-blox document UBX-15022211
- [3] SARA-U270-53S IP IN, u-blox document UBX-16008757
- [4] SARA-G3 / SARA-U2 System Integration Manual, u-blox document UBX-13000995
- [5] SARA-U2 Series Data-sheet, u-blox document UBX-13005287