

Information note

Topic SARA-U201 boot sector change

UBX-20009160

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1 Affected products

Order code	Type number	Design status	Firmware
SARA-U201-03B	SARA-U201-03B-00	Mass production	Modem version: 23.60 Application version: A01.03
SARA-U201-03X	SARA-U201-03X-00	Mass production	Modem version: 23.60 Application version: A01.03
SARA-U201-63B	SARA-U201-63B-02	Mass production	Modem version: 23.63 Application version: A01.03
SARA-U201-04B	SARA-U201-04B-00	Mass production	Modem version: 23.60 Application version: A01.06
SARA-U201-04X	SARA-U201-04X-00	Mass production	Modem version: 23.60 Application version: A01.06

2 Type of change

- Hardware modification
- Firmware update
- Documentation update
- Module boot sector

3 Description of change

The module boot sector has been modified to minimize the number of flash write/erase operations during the boot phase. This is to improve the module durability in specific customer applications that trigger the module to go through very frequent power off/on cycles, potentially causing the memory to wear out early.

The firmware image remains unchanged and therefore the modem version as well as the application version number have not changed (see the table above).

In order to allow the identification of modules with the modified boot sector, the AT+I6 AT command returns now "1" instead of "undefined".

4 Schedule

This information will be effective in production as of April, 2020¹.

¹ The schedule is based on the estimated date of inventory depletion as of the IN issue date. This may be affected by fluctuations in supply and demand.

5 Customer impact and recommended action

The module boot time is reduced by 1 s due to the modified boot sector.

The module firmware has not changed and therefore approvals and certifications are not affected.

6 Reference documents

- [1] SARA-U2 series data sheet, doc. no. [UBX-13005287](#)
- [2] SARA-G3 / SARA-U2 series system integration manual, doc. no. [UBX-13000995](#)