

Information Note

Topic SARA-R410M-52B certification and initial production
UBX-18045915

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1 Affected Products

Product Name	Order Code	Type No	Firmware	Remarks
SARA-R410M	SARA-R410M-52B	SARA-R410M-52B-00	L0.0.00.00.06.05 App version 02.06	Initial Production

2 Type of Change

- Hardware modification
- Firmware update
- Documentation update
- Other, Certifications achieved and Initial Production status reached

3 Description of Change

The changes include updates to certification status and Initial Production status for modules with firmware version L0.0.00.00.06.05 app version 02.06. Related documentation updates are available.

3.1 Certification update

The following certifications are achieved for the product:

Certification (country)	Status
FCC (US)	Complete (LTE M1 bands 2, 4, 5, 12, 13)
ISED (Canada)	Complete (LTE M1 bands 2, 4, 5, 12, 13)
AT&T	Complete (LTE M1 bands 2, 4, 5, 12)
PTCRB	Complete (LTE M1 bands 2, 4, 5, 12, 13)

3.2 Certification compliance

The SARA-R410M-52B module includes the ability to configure the device in the following ways:

- Mobile Network Operator Profile (+UMNOPROF AT command)
- Radio Access Technology (+URAT AT command)
- LTE band selection (+UBANDMASK AT command)

As these configuration decisions are made, u-blox reminds customers that the end device regulatory compliance shall be verified with an accredited laboratory. In case the end device enables bands that are not within the country specific module approved configuration the customer will incur in additional measurements that were not covered by the module certification.

The certification of the application device that integrates a SARA-R4 series module and the compliance of the application device with all the applicable certification schemes, directives and standards are the sole responsibility of the application device manufacturer.

4 Schedule

First production parts will be available in calendar week 30 of calendar year 2018.

5 Customer Impact and Recommended Action

- ES modules can be updated to the IP firmware by contacting u-blox Customer Support.
- It is recommended to use the Initial Production modules for certification activities.

6 Reference Documents

- [1] SARA-R4 series AT Commands Manual (UBX-17003787)
- [2] SARA-R4 series Data Sheet (UBX-16024152)
- [3] SARA-R4 series System Integration Manual (UBX-16029218)