

IN – Information Note

Topic:	MAX-M8C performance improvements for weak signals
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1 Affected Products

Product Name	Order Number	Old Type No	New Type No	Remarks
MAX-M8C	MAX-M8C-0	MAX-M8C-0-00	MAX-M8C-0-01	

2 Type of Change

- Hardware modification
- Firmware update
- Documentation update
- Others: production test system improvement

3 Description of Change

u-blox calibrates modules during the production test in order to achieve the best possible acquisition time. In its permanent striving for improvement, u-blox has identified a way to enhance the calibration of MAX-M8C. This leads to a noticeable Time-to-First-Fix reduction at medium to weak signals.

4 Customer Impact and Recommended Action

Since neither firmware nor hardware is changed, the only customer impact is a TTF improvement at medium to weak signal levels.

For traceability, the type number, which is visible on the module label, is increased.

The transition to the improved production test will happen at the beginning of October 2014, with an estimated first shipment date of 6 October 2014.