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IN – Information Note

Topic:	u-blox 6 Protocol specification: New restriction in "Power save mode" section
	UBX-TN-11075
Author:	svin
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1 Affected Products

Product Name	Order Number	Type No	Remarks
UBX-G6010-ST	UBX-G6010-ST-0	UBX-G6010-ST-B7300C	
UBX-G6010-NT	UBX-G6010-NT-0	UBX-G6010-NT-B7300CE	
UBX-G6000-BA	UBX-G6000-BA	UBX-G6000-BA -B7300	
NEO-6x	NEO-6x-0	NEO-6x-0-001	All NEO-6 modules with FW7.03
LEA-6x	LEA-6x-0	LEA-6x-0-001 LEA-6H-0-002	All LEA-6 modules with FW7.03

2 Type of Change

[   ]   Hardware modification
[   ]   Firmware update
[**x**]   Documentation update
[   ]   Others, _____

3 Description of Change

The section regarding the "Power Save mode" in the u-blox 6 protocol specification of all u-blox 6 chips and modules featuring firmware V7.03 has been modified in order to clarify the range of supported update period.

TCXO based receivers: 1 … 10s update period

Crystal based modules: 1 … 3s update period

Crystal based chip designs: 1s update period

u-blox recommends configuring u-blox 6 receiver into Power Save mode with an 'Update Period' of 1s.

4 Schedule

Immediately

5 Customer Impact and Recommended Action

Conditions of use of u-blox 6 power save mode are explained in u-blox documentation [6]. Contact u-blox support for additional information and recommendation should you plan to use the Power Save Mode with update periods exceeding the ones listed above.

6 Reference Documents

[1]   u-blox6 Receiver Description Protocol Specification (GPS.G6-SW-10018)

[2]   u-blox6 Receiver Description Protocol Specification for chipset (GPS.G6-SW-10019)