

# KIM1 firmware: v2.0 vs v2.1

## Application note

This application note presents the few differences between version 2.0 and 2.1 of the KIM1 firmware, in order to guide device manufacturers and especially embedded software programmers to manage the compatibility between both versions in their applicative software.

Paragraph	Object	v2.0	v2.1
3.3.1.d	AT+ATXFRQ response	+ATXFRQ=<frq>	+ATXFRQ=<frq>{, 1] <ul style="list-style-type: none"> <li>, 1 is returned if the frequency has been modified from factory value</li> </ul>
3.3.2.b	AT+AFMT command	AT+AFMT=<fmt>, <crc>, <bch>	AT+AFMT=<fmt> [, <crc>, <bch>] <ul style="list-style-type: none"> <li>&lt;crc&gt; and &lt;bch&gt; parameters are optional, default values depend on &lt;fmt&gt; parameter value</li> </ul>
3.3.3.c	AT+TX response	+TX=0, <data> <ul style="list-style-type: none"> <li>&lt;data&gt; - user data in a hexadecimal string, <b>including</b> zero-padding</li> </ul>	+TX=0, <data> <ul style="list-style-type: none"> <li>&lt;data&gt; - user data in a hexadecimal string, <b>excluding</b> zero-padding</li> </ul>
3.3.4	Error responses	ERROR=<errorno>	+ERROR=<errorno>

## Reference documents

- KINEIS-NT-19-0018 – KIM1 Integration manual v2.2
- KINEIS-NT-19-0018 – KIM1 Integration manual v2.3