

APPLICABILITY TABLE

	Software Version
GC Family (Compact)	
GC864-QUAD	10.00.xx7
GC864-QUAD V2	10.00.xx7
GC864-DUAL V2	10.00.xx7
GE/GL Family (Embedded)	
GE864-QUAD	10.00.xx7
GE864-QUAD V2	10.00.xx7
GE864-QUAD Automotive V2	10.00.xx7
GE864-QUAD ATEX	10.00.xx7
GE864-DUAL V2	10.00.xx7
GE864-GPS	10.00.xx7
GE865-QUAD	10.00.xx7
GL865-DUAL	10.00.xx7
GL865-QUAD	10.00.xx7
GL868-DUAL	10.00.xx7
GE910-QUAD	13.00.xx3
GL865-DUAL V3	16.00.xx2
GL868-DUAL V3	16.00.xx2
GT Family (Terminal)	
GT863-PY	10.00.xx7
GT864-QUAD	10.00.xx7
GT864-PY	10.00.xx7
HE910 Family	
HE910 ¹	12.00.xx3
HE910-GA	12.00.xx3
HE910-D	12.00.xx3
HE910-EUR / HE910-EUD	12.00.xx3
HE910-EUG / HE910-NAG	12.00.xx3
HE910-NAR / HE910-NAD	12.00.xx3

¹ HE910 is the “type name” of the products marketed as HE910-G & HE910-DG.



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<label> identifying the Event	Events Description
ADCH1	ADC pin exceeding voltage threshold
ADCL1	ADC pin drops below voltage threshold
DTMFx (x = 1,2,3,4)	DTMF string monitoring

Tab. 1: Events provided by the Telit's Modules

At this point it is advisable to shortly describe the interaction among the EVENT MONITOR service, the selected AT instance and the other services provided by the Telit's modules. To have detailed information about the concept of AT instance, refer to documents [3] or [4] according to the specific module:

- When the EVENT MONITOR service is enabled setting to 1 the <mod> parameter of the AT#ENAEVMONI command, then the AT instance specified by the <muxInstance> parameter of the AT#ENAEVMONICFG command is reserved to run only the AT commands associated with the monitored event(s).
- If the EVENT MONITOR service is disabled setting to 0 the <mod> parameter of the AT#ENAEVMONI command, then the used AT instance is returned to the previous service, if there is one.
- The <mod> parameter of the AT#ENAEVMONI command and <muxInstance> parameter of the AT#ENAEVMONICFG command are stored in the NVM. Therefore, at module power ON, if the <mod> parameter is set to 1, then the AT instance specified in the <muxInstance> is automatically reserved to run only the AT commands associated with the monitored event(s).
- When an AT instance is reserved for the EVENT MONITOR service, then any other request to use it, coming from other services, is refused. Only the FOTA service can subtract the AT instance reserved to EVENT MONITOR service.

Before starting with the description of the examples that show the settings of the events summarized in Tab. 1 and the relating URC, hereafter there are some notes about the syntax of the AT commands used in the next chapters:

- The parameters of the AT#EVMONI command change their meaning and range in accordance with the <label> that identifies the type of the event.
- The AT command(s) associated with an event via the AT#EVMONI command and executed when the event itself is occurred, is (are) included between two double quotes characters (""). In addition, the string command must begin with a characters sequence (prefix) AT (or at). After the prefix there are the commands bodies (for example: +CGMR, +CGSN, etc) separated by the semicolon character





Note: the sequence of the steps previously shown is not mandatory, it may be changed.

When the “DTFM1” event is occurred, on the DTE is displayed the following URC:

```
#EVMONI: AT+CMGF=1;#CMGS="+39346XXXXX,"DTMF tones string is received"
```

At the same time, the SMS message is sent to the recipient subscriber. No responses commands are shown on the DTE because they are executed on the instance previously configured via AT#ENAEVMONICFG command.



3. Abbreviation and acronyms

ADC	Analog Digital Converter
DTE	Data Terminal Equipment
DTMF	Dual Tone Multiple Frequency
DTR	Data Terminal Ready
FOTA	Firmware Over The Air
GPIO	General Purpose Input/Output
NVM	Non Volatile Memory
URC	Unsolicited Result Code
URC	Unsolicited Result Code

