

## GSM/GPRS AT 640

### Release Note

Update 27/03/03

#### **New features**

- GPRS cl 10
- 115200bps default baudrate

#### **Corrected problems (CP) / Changes in the AT command interface (CAT)**

Preliminary remark : The former bug identification refers to V534 Release Note

TR Id	Title
6810	GSM : Echo Cancellation Deactivation under Voice call
6766	GSM : WRST : bad response syntax after AT+WRST?
6758	GSM : Mishandling of DCD when going offline when changing speed
6586	GSM : Unsolicited flow of data is transmitted after CONNECT message
6128	GSM : Modem replies ERROR to when AT command is sent in Upper Case
6043	GPRS : Wrong cause in GPRS suspension request in case of SMS
5745	GSM : Not get +CREG:5, unsolicited message problem
5627	GSM : Phonebook content with mixed English and Chinese cannot be displayed
5504	GPRS : FDN active : call USSD strings and the GPRS string (*99***1#) must be forbidden
5348	GSM : +WMBN : the module responds OK then CME ERROR 13 after mail box number modification
5314	GPRS : Cannot activate PDP when either login or password is empty
5179	GSM : DTMF parameter of AT+WDTMF can be out of range without any error
4920	GSM : DCE transmit data to DTE before establishing connection during MT data call
4694	GPRS+GSM : AT+COPS default values not restored by AT&F (AT GSM and AT GPRS)
4621	GPRS : commands respond OK whereas the pin code is not entered
4221	GSM : Description of power down mode should include 32k activation ( AT document )

TR Id	Title
3502	GSM : Impossible to send SMS in multiplexing mode
1834	GSM : Reset after AT+CPBR command
1776	GSM : Search in phonebook doesn't match with alphabetical order

### **Design Features**

- ☒ DF1- It is possible to change the PIN2 value even if SIM PIN2 is required and has not been entered.
- ☒ DF2- When AT+CFUN=1 is issued right after CPBW cycle in SIM, the phonebook index might be lost
- ☒ DF3- When in Auto-Bauding mode, after issuing AT+CFUN=1 the module sends dummy characters (except if serial speed is 9600 bps, module sends OK and get resynchronised on the next AT command)
- ☒ DF4- With AT+CCED=1,8, the +CSQ responses (in idle mode) give a <ber> value of 99. When interrogating the value with AT+CSQ? the response is different from 99.
- ☒ DF5- When using AT+CBST=<74, 75 or 79> the module answers OK even if the indicated speed is not supported and negotiated to 9600
- ☒ DF6- AT+CMUT can only be activated during communication
- ☒ DF7- When an SMS is stored in SIM (with AT+CMGW) and is sent with AT+CMSS, its status does not switch from STO UNSENT to STO SENT
- ☒ DF8- Phonebook sorting is case sensitive
- ☒ DF9- AT&D2 : even when DTR signal is low, automatic answers are always permitted
- ☒ DF10- When switching to ONLINE mode, the module sends the " CONNECT xxx " indication after the rising edge of the DCD (CT 109) signal.
- ☒ DF 11- After a CCFC interrogation, the module displays the result in the same order as received from the network.
- ☒ DF 12- The following commands can not be concatenated : ATH, AT+CLCC, AT+WAC, AT+CFUN, AT+CPAS
- ☒ DF 13- After FDN deactivation with AT+CLCK="FD",0,xxxx you have to wait up to 3 seconds before changing current phonebook (AT+CPBS).

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