Software Release Note for Step4

AT Version V430d

Update 24/11/01

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

Preliminary remark : The former bug identification refers to Release Note Step 4 **(V430a)**

☑ CP 1 - STK : display of the "@" character :
When the **mt_MmiConvTab_GsmToMs** table is set to NULL there is no conversion and the "@" character keeps the code to 0x00 which is interpreted like an ender string at display.
Example: "ExpressM@il" becomes "ExpressM".

☑ CP 2 - Packing SMS in send SMS : Sim Toolkit command :
With a D1 SIM card (Germany) , an GSM 7bit SMS is sent with the command to be packed in GSM 7 bit. The ME pack it one more time.

Known bugs

Preliminary remark : The former bug identification refers to Release Note Step 3 (V420)

☑ KB 1- In case of non authorised registration (+CREG: 3, registration denied), a +CREG: 2 indication is sent

☑ KB 2 AT+CPINC with a phase 1 SIM card returns random values for PIN2, PUK1 and PUK2 remaining attempts (Former Bug Reference : KB 3).

☑ KB 3- AT+CSSN=1,1: when the call is a CUG call (incoming or outgoing), no +CSSI, +CSSU indications are sent (Former Bug Reference : KB 4).

☑ KB 4- When listing SMS-CB with RAM storage, indications are sometimes buffered on the V24 link for a few seconds. (Former Bug Reference : KB 7).

☑ KB 5- AT+CSQ : value returned is under-evaluated when network is performing downlink DTX (Former Bug Reference : KB 8).

☑ KB 6- When call control (sim tool kit functionality) is activated outgoing calls via sim tool kit menu are OK, but then all outgoing calls outside sim tool kit menu reply CME ERROR: 13 and +STIN: 99. (Former Bug Reference : KB 10).

☑ KB 7- AT+WSST command works only with WISMO3A module.

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).