



WISMO218 Firmware B02f00gg Customer Release Note

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WISMO218 Firmware B02f00gg Customer Release Note

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1 Introduction

1.1 Scope of this Document

The scope of this document is the WISMO218 Firmware **B02f00gg** release description for Wavecom WISMO218 wireless standard modem.

1.2 Audience for this Document

This release note may be distributed to all direct and indirect customers and will be posted on the corporate web site under the Support\Private area.

1.3 Release Feature List

For more details on these features please refer to chapter 7.

1.3.1 Main Features Reminder

Features list
GSM/GPRS class 10 capable wireless standard modem
900/1800 MHz bi-band
AT commands interface on UART port
Debug interface on SPI bus
User configurable GPIOs
Audio Features
IMEI Software Version Number

1.3.2 New Features / Evolutions

Features list
None

2 Related Documents

[1]	WISMO218 AT Commands Manual	WA_DEV_W218_UGD_003
[2]	Product Technical Specification and Customer Design Guideline	WA_DEV_W218_PTS_002
[3]	Adwl-Light Downloader User Guide	WA_DEV_WISMO_UGD_005
[4]	Software Validation Test Report	WA_DEV_W218_VTR_006

3 Abbreviations and Definitions

Abbreviation/Acronym	Description
AT	Attention
CSD	Circuit Switched Data
DCE	Data Circuit Equipment
DTE	Data Terminal Equipment
GPIO	Global Purpose Input Output
GPRS	Global Packet Radio Service
HLR	Home Location Register
ME	Mobile Equipment
MS	Mobile Station
PDP	Packet Data Protocol
PIN	Personal Identification Number
PLMN	Public Land Mobile Networks
SIM	Subscriber Information Module
TE	Terminal Equipment
UART	Universal Asynchronous Receiver Transmitter

4 Hardware Compatibility

4.1 Wavecom wireless standard modem compatibility

Firmware Version	Wavecom wireless standard modem compatibility list
B02f00gg	WISMO218

5 Software Release Description

5.1 Release Identification

Wavecom standard modem – WISMO218	
Date of generation	14th August, 2009
Software identification	B02f00gg.WISMO218 32/16 Mbits
IMEISV	00440176902194 02
Checksum	0x4FFC74AC
Binary Size	2569852
Flash type	32/16 Mbits

5.2 Released Files & Download Processes

Any download of B02f00gg into a WISMO218 embedding a firmware version earlier than B02c00gg will block the WISMO218. To download B02f00gg firmware into a WISMO218 embedding a firmware version B02c00gg or above, please follow the downloading procedure described in [3].

5.3 Software Tools Version

This section gives the last tools versions to be used with WISMO218.

S/W Tools Name	Version
Adwl-Light Downloader	5.3.3.3a
SpyTracerV2	2.7.2

6 Software Description

The *Severity* values have the following meaning:

- 1 : Critical
- 2 : Major
- 3 : Minor
- 4 : Improvement

6.1 Validated Corrections/Improvement

This section gives the list of all corrections or improvements integrated in the firmware B02f00gg.

Id	Description (What / When)	Customer Impact	Severity*
ANO54434	[WISMO218 SMS] CNMI: one <mt> value is missed to display for test command	Value 3 was missing in test command	3
ANO54437	[WISMO218] CMUX, (1)after AT+CGDCONT configuration, no OK return, (2) ATD*99***1# cannot be used when CMUX mode, (3) <CID> 3 is not shown	Incorrect response	1
ANO54509	[WISMO218] AT+CCWA, \r\n missing, 0 is always used when parameter omitted, etc, and totally 5 issues found.	Incorrect response	3
NEW54518	[WISMO218] AT+CRSM, do not apply any SIM file ID checking, do not filter <P3> and send to SIM directly	Incorrect response	3
ANO54624	[WISMO218] AT+CCWA, Data call is not shown when query for status	Data call it not shown when query for status	3
ANO54905	[WISMO218 SIM] CPIN: PIN2 does not work when "CPIN: SIM PIN2" is displayed	Error displayed when PIN2 is entered	3
ANO54910	AT+CRSM, with Read Record command, the length of data returned in the <response> is not correct	Incorrect length display	1
ANO55028	[WISMO218] ATS10, Command returns error when parameter is 0 or 255.	Value 0 and 255 were not accepted	3
CUS54681	[WISMO218] AT+COPS=2 needed	+COPS=2 was required by US carriers	2
DEV55101	[WISMO218] ATI3 update	Changed marketing name to L02a	4

6.2 Integrated and Verified Only Corrections/Improvement

Id	Description (What / When)	Customer Impact	Severity*
ANO54639	[WISMO218 SIM] CPIN: SIM PIN2 required message is displayed inconsistently	Inconsistent SIM PIN2 requested	3
ANO54804	[WISMO218] Registration time sometimes double	Registration time was too long	2
ANO55572	[WISMO218] Long response time for +CREG: 1 after PIN code is entered (+CPIN)	Long time response	1

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Id	Description (What / When)	Customer Impact	Severity*
ANO55243	[WISMO218 Audio] VGR: Incorrect default value is restored by AT&F	Incorrect value display	4
CUS54487	[WISMO218] AT+CPOF regression in time execution	Regression in time execution	1
CUS54612	[WISMO218] Module can't reconnect to the network after the customer application modem has been reset	No more PPP connection after 1000 times of successful trials	2
CUS54637	[WISMO218] AT+CMGL slow time response	It took too long to response	2
CUS54652	[WISMO218] Add GPRS information to AT*PSENGI	Debug info needed to be added	2
CUS54820	[WISMO218] AT+COPS=? takes longer time than competition (MC55)	Response too long	2
DEV55100	[WISMO218] SVN upgrade	Changed the IMEI software version number to 2	4

6.3 Known Problems

Id	Description (What / When)	Severity*
ANO53872	[WISMO218] "AT+CMUX" causes module reboot when sleep mode enabled	1
ANO54185	[WISMO218] AT+IPR, auto detection cannot detect baud rate other than 115200	2
ANO54269	[WISMO218] AT+CGEREP, (1) wrong +CGEV events returned. (2) What +CGEV events are supported?	2
ANO54661	[WISMO218] AT+CGCLASS="CG" is not supported	2
ANO54717	[WISMO218 SMS] CMGR: Response is blocked when send and receive PDU sms many times	2
ANO54807	[WISMO218 Serial Interface] WISMO218: Incorrect behavior is returned after setting values	1
ANO54818	[WISMO218 Serial Interface] CMUX: Cannot accept inbound values of <T1>	2
ANO54852	[WISMO218] Sidetone issues	2
ANO54853	[WISMO218]The voltage bias of audio outputs (SPKP and SPKN) are still keeping at 1.4V after module power off	2
ANO54894	[WISMO218] Sleep mode: module can not wake up when DTR is pulled down or not connected	2
ANO54895	[WISMO218] AT+VGR dynamic issue	2
ANO54924	[WISMO218 CallCtrl] CSTA: phone number without "+" can be established when international type is selected	2
ANO55026	[WISMO218] AT+CGPADDR, (1)" +CGPADDR=" and "+CGPADDR", extra \r\n is present before OK; (2) After deactivate by CGACT, ie, AT+CGACT=0,1, the PDP Address is not reset.	2
ANO55061	[WISMO218 Network] CLCK: Activate lock is allowed when facility lock is already enabled	2
ANO55063	[WISMO218 Network] CLCK: Disable lock is allowed when the lock is already unlocked	2
ANO55074	[WISMO218 Network] CLCK: Incorrect status is returned after enabling "PU", "PN", "PP" lock	2
ANO55179	[WISMO218] ATV, extra \r\n for header of information responses, and extra "\n" after final result code of "0\r"	2
ANO55181	[WISMO218 SuppServ] CTFR: Action command does not work	2

6.4 Other Interface changes

Some other changes have been performed on the following commands. Please refer to [1] *WISMO218 AT Commands Manual* for more information.

6.4.1 New AT Commands

This part lists the commands that have been added in WISMO218 B02f00gg. For more information, refer to the command description in [1].

Command	Comment
None	

6.4.2 Updated AT Commands

This part lists the commands that have been modified in WISMO218 B02f00gg. For more information, refer to the command description in [1].

Command	Comment
AT+CRSM	Provides SIM card information in details

6.4.3 Deprecated AT Commands

This part lists the commands that are no more available in WISMO218 B02f00gg.

Command	Comment
None	

7 Feature Description

This section normally lists the features added to B02f00gg firmware for WISMO218.

For these new features and AT commands, detail information can be found in [1].

8 Certification Compliance

8.1 GCF-CC & PTCRB

The following table summarizes the certifications passed for this software version.

	GCF-CC	NAPRD.03
WISMO218	v3.33.0	N/A

9 Additional Information/Restrictions

This section lists additional information or restrictions that must be taken into account regarding the WISMO218 B02f00gg.

Id	Description (What / When)	Impacted Domain	Impacted Sub Domain
None			