



Software Release Notes

AirPrime HiLo V2 & HiLoNC V2



SIERRA
WIRELESS

4114098
Rev. 18.0
August 22, 2015

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Due to the nature of wireless communications, transmission and reception of data can never be guaranteed. Data may be delayed, corrupted (i.e., have errors) or be totally lost. Although significant delays or losses of data are rare when wireless devices such as the Sierra Wireless modem are used in a normal manner with a well-constructed network, the Sierra Wireless modem should not be used in situations where failure to transmit or receive data could result in damage of any kind to the user or any other party, including but not limited to personal injury, death, or loss of property. Sierra Wireless accepts no responsibility for damages of any kind resulting from delays or errors in data transmitted or received using the Sierra Wireless modem, or for failure of the Sierra Wireless modem to transmit or receive such data.

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Document History

Version	Date	Updates
10.0	January 8, 2013	Updated for Release Hi2C,A.005.01 and Hi2N,A.005.01
11.0	February 13, 2013	Updated legal boilerplate. Reformatted to Sierra Wireless standard.
12.0	December 23, 2013	Updated legal boilerplate. Added Chapters 10 through 12.
13.0	April 3, 2014	Updated for Release Hi2C,A.006.01 and Hi2N,A.006.01
14.0	June 10, 2014	Updated for Release Hi2C,A.006.02 and Hi2N,A.006.02
15.0	August 13, 2014	Updated for Release Hi2C,A.006.04 and Hi2N,A.006.04
16.0	February 19, 2015	Updated for Release Hi2C,A.007.40 and Hi2N,A.007.40
17.0	March 24, 2015	Updated for Release Hi2C,A.008.00 and Hi2N,A.008.00
18.0	August 22, 2015	Updated for Release Hi2C,A.009.00 and Hi2N,A.009.00



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1. Introduction

This document contains the list of major software changes.

HI2C stands for software for connectorized AirPrime HiLo V2 modules.

HI2N stands for software for SMT mounted AirPrime HiLo V2 modules.



2. Software Release Reference Hi2C,A.002.00 and Hi2N,A.002.00

Product	Software version	Build date and time
AirPrime HiLo V2	Hi2C,A.002.00	03/05/2011
AirPrime HiLoNC V2	Hi2N,A.002.00	03/05/2011

2.1. Added Fixes since the Previous Version

ID	Type	Description
47	DATA CALL	Rarely, when answering a CSD data call, the module may display some unexpected characters just after CONNECT indication – Not reproduced
2077	DATA CALL	When incoming data call, ring tone is still ringing after ending the data call by ATH (data call not answered by ATA)
2041	FTP	Upload of more than 150 Kb data makes sometimes module disconnect from FTP with time out
2153	FLOW CONTROL	Only just after SW upgrade, default setting for flow control set to NO is not taken into account and remains Hardware flow control, new AT&K0 is needed
2080	SMS	AT+CMGL=0 may not list all the UNREAD SMS when SMS stored in Sim card
2085	KPLAYSOUND	Sound playing is not interrupted by ringtone when incoming a call

2.2. Functional Improvements since the Previous Version

ID	Description
FOTA	FOTA Services are available for this software release

2.3. Known Issues

ID	Type	Description
2067	POK_IN	After the module is powered on, the voltage level of POK_IN does not remain high (different from HiLo V1)
2225	DATA CALL	when in established data call, if incoming voice call, module still ringing even after MO hang up the call
2248	MMS	In France, retrieving MMS reports ERROR code
Audio	AUDIO	Audio parameters tuning to improve
2301	HTTP	After connecting to the server, sometimes cannot post a file because the module ends the posting by itself

ID	Type	Description
2206	RING	AT+CRSL does not handle correctly the RING notification
2073	TCP	In some cases the SW flow control does not work in TCP
2102	FTP	Module reboot if trying to close the FTP server by AT+KFTPDCLOSE

2.4. Known Limitations

Type	Description
ECALL	Ecall services not available for this software release
PCM	PCM Digital Audio not yet available
PHONEBOOK	Phonebook not activated in "ME" (Module). Shall be stored in "SM" (Sim Card)



3. Software Release Reference Hi2C,A.002.06 and Hi2N,A.002.06

Product	Software version	Build date and time
AirPrime HiLo V2	Hi2C,A.002.06	20/06/2011
AirPrime HiLoNC V2	Hi2N,A.002.06	20/06/2011

3.1. Added Fixes since the Previous Version

Type	Description
SIM CARD	Some new sim card from MOBISTAR are now supported
KSIMDET	PULL UP can be set by +KGPIOCFG
AUDIO	Range of +VGR and +VGT has been changed
ATD*99#	Uses the PDP number 1 by default
GPIO	Initial states of GPIOs have been change to match with HiloV1 behavior
RING TONE	Ring tone is activated on an incoming call

3.2. Functional Improvements since the Previous Version

Type	Description
AUDIO	Improvement of the audio quality

3.3. Known Issues

Type	Description
POK_IN	After the module is powered on, the voltage level of POK_IN does not remain high (different from HiLo V1)
HTTP	After connecting to specific servers, sometimes cannot post a file because the module ends the posting by itself
TCP	In some cases the SW flow control does not work in TCP

3.4. Known Limitations

Type	Description
ECALL	Ecall services not available for this software release

Type	Description
PCM	PCM Digital Audio is sampled only at 1000 KHertz.
PHONEBOOK	Phonebook not activated in "ME" (Module). Shall be stored in "SM" (Sim Card)



4. Software Release Reference Hi2C,A.003.00 and Hi2N,A.003.00

Product	Software version	Build date and time
AirPrime HiLo V2	Hi2C,A.003.00	20/10/2011
AirPrime HiLoNC V2	Hi2N,A.003.00	20/10/2011

4.1. Added Fixes since the Previous Version

ID	Type	Description
2301	HTTP	After connecting to specific servers, sometimes cannot post a file because the module ends the posting by itself
2643	MUX	Rarely the AT+CMUX may not answer

4.2. Functional Improvements since the Previous Version

ID	Description
FOTA	FOTA Services are NOT available for this software release
2558	Constructor name returned by software is now SAGEMCOM (instead of SAGEM), example: AT+CGMI
2519	Programmable Reset is now possible using +KRST
1970	+KPCMCFG command is now available to configure PCM. See AT Specification
2570	New audio AMR player available. See AT Specification
2627	+HTTPGET returns indication about file got completely or partially due to timer expiration

4.3. Known Issues

ID	Type	Description
2067	POK_IN	After the module is powered on, the voltage level of POK_IN does not remain high (different from HiLo V1)
2851	FLASH	In AutoBaud only, some memory accesses to the flash are performed to set the current baud rate whereas they are not needed
2073	TCP	In some cases the SW flow control does not work in TCP

4.4. Known Limitations

Type	Description
ECALL	Ecall services not available for this software release
PCM	PCM Digital Audio is sampled only at 1000 KHertz.
PHONEBOOK	Phonebook not activated in "ME" (Module). Shall be stored in "SM" (Sim Card)



5. Software Release Reference Hi2C,A.004.00 and Hi2N,A.004.00

Product	Software version	Build date and time
AirPrime HiLo V2	Hi2C,A.004.00	20/02/2012
AirPrime HiLoNC V2	Hi2N,A.004.00	20/02/2012

5.1. Added Fixes since the Previous Version

ID	Type	Description
2851	FLASH	In AutoBaud only, some memory accesses to the flash are performed to set the current baud rate whereas they are not needed
3078	AUDIO	AMR file cannot be played when call ongoing
2965	FS	Wrong answer returned for the type and size of AT+KFSFILE=4,"/"
3085	MUX	Wrong channel Id used for answer to AT+KTEMPMON
3086	MUX	Delay may appear on KCELL when AT+KTCPN=1 is ongoing

5.2. Functional Improvements since the Previous Version

Type	Description
ECALL	Ecall services ARE available for this software release
ECALL	3GPP Ecall version name returned by KECALLVSN changed from 9.4.0 to 10.0.0
FOTA	FOTA Services are NOT available for this software release

5.3. Known Issues

ID	Type	Description
2067	POK_IN	After the module is powered on, the voltage level of POK_IN does not remain high (different from HiLo V1)
3090	CALL	AT+CSNS may not work in some countries
3696	DATA	When in data mode, +++ drop the DCD (MUX or Non-MUX mode)

5.4. Known Limitations

Type	Description
PCM	PCM Digital Audio is sampled only at 1000 KHertz.
PHONEBOOK	Phonebook not activated in "ME" (Module). Shall be stored in "SM" (Sim Card)
FLOW CONTROL	The SW flow control is only supported in ASCII mode (bug 2073)
MUX	N1 value in AT+CMUX is limited to range 31-256 instead of 1-1540
ECALL	ECALL ONLY mode not yet available
ECALL	ECALL: Ecall may not succeed if INITIATION signal waiting period on PSAP side is too short (bug 3444)



6. Software Release Reference Hi2C,A.004.05 and Hi2N,A.004.05

Product	Software version	Build date and time
AirPrime HiLo V2	Hi2C,A.004.05	11/05/2012
AirPrime HiLoNC V2	Hi2N,A.004.05	11/05/2012

6.1. Added Fixes since the Previous Version

ID	Type	Description
3090	CALL	AT+CSNS may not work in some countries
3696	DATA	When in data mode, +++ drop the DCD (MUX or Non-MUX mode)
3702	DATA	+++ Escape sequence does not work as it should.
3746	CALL	[CERTIF VODAFONE][AirPrime HiLoNC V2] ME failed to register in O2 network

6.2. Functional Improvements since the Previous Version

Type	Description
FOTA	FOTA Services are NOT available for this software release

6.3. Known Issues

ID	Type	Description
2067	POK_IN	After the module is powered on, the voltage level of POK_IN does not remain high (different from HiLo V1)
3739	DATA	In some conditions, unexpected data may be displayed at the beginning of a CSD call.
3922	MUX	Depending on configuration, MUX in advanced mode may fail for big data packets

6.4. Known Limitations

Type	Description
PCM	PCM Digital Audio is sampled only at 1000 KHertz.
PHONEBOOK	Phonebook not activated in "ME" (Module). Shall be stored in "SM" (Sim Card)
FLOW CONTROL	The SW flow control is only supported in ASCII mode (bug 2073)

Type	Description
MUX	N1 value in AT+CMUX is limited to range 31-256 instead of 1-1540
ECALL	ECALL ONLY mode not yet available
ECALL	ECALL: Ecall may not succeed if INITIATION signal waiting period on PSAP side is too short (bug 3444)



7. Software Release Reference Hi2C,A.004.10 and Hi2N,A.004.10

Product	Software version	Build date and time
AirPrime HiLo V2	Hi2C,A.004.10	27/08/2012
AirPrime HiLoNC V2	Hi2N,A.004.10	27/08/2012

7.1. Added Fixes since the Previous Version

ID	Description
3922	Depending on configuration, MUX in advanced mode may fail for big data packets
4251	ECALL: Mobility tests: in some conditions, URC 1 may not be sent after AT+KECALL
3930	ECALL: When the PSAP hangs up, URC +KECALL: 13 may be missing in rare conditions
3563	ECALL: +KAECALL call from PSAP but no URC and no MSD sent by the IVS
3844	ECALL: Progress call status: "2" and "3" are sometimes reversed
4150	ECALL : Impossible to hang up a Manual eCall with ATH
3859	After Un-SIMlocking the module, AT+CLCK="PN",2 still returns module SIMlocked
3739	Only in rare network conditions, unexpected data may be displayed at the beginning of a CSD call
3388	TCP: Only in rare network conditions, if server keeps sending data to module and no data are read on module side then the module may not exchange data properly with the server

7.2. Functional Improvements since the Previous Version

ID	Description
4114	ECALL: New encoder/decoder ASN.1 available: 2011 version
3638	Stability improvement: During an active eCall or voice call, any DATA connection are prevented
4292	TIME: AT+CTZR Time Zone Reporting is now documented in AT commands specification document (Ed. 15)
4136	GPIO: The state of the GPIOs is now stored in the flash even if AT+CFUN=1,1 is set immediately after
3970	New AT command to get the Serial Number of the module (+KGSN=3)
MUX	N1 value in AT+CMUX is no more limited to range 31-256: range is now 1-1540

7.3. Known Issues

ID	Description
3933	AUDIO: Audio configuration to improve regarding audiomon tool
4176 / 4252 / 4102 / 4010 / 4011	CFUN: Improvement needed for GSM stack OFF/ON sequences (CFUN=4 / CFUN=1) and AT+COPS=?
4772 / 2098	On incoming call, "RING" is only displayed once instead of repeating till the call is ongoing or disconnected

7.4. Known Limitations

ID	Description
2866	ECALL ONLY mode not yet available
4250	ECALL: Mobility tests: Unexpected display of URC 61 on some French operators – Invalid bug ? : switch to audio ok and behavior not related to 2G platform (same issue on 3G) - Issue may be related to network or PSAP configuration
3375	PERF: Synchronization issue when temperature higher than 90°C
4859 / 4841	FOTA feature is not available in this release

7.5. Applicable Software Documentation

Feature	Document	Edition
AT Commands	URD1 5725.1 008 72807 - AT Command Set for SAGEMCOM Modules.doc	15.00



8. Software Release Reference Hi2C,A.005.00 and Hi2N,A.005.00

Product	Software version	Build date and time
AirPrime HiLo V2	Hi2C,A.005.00	28/11/2012
AirPrime HiLoNC V2	Hi2N,A.005.00	28/11/2012

8.1. Added Fixes since the Previous Version

ID	Description
URC	On incoming call, "RING" is only displayed once instead of repeating till the call is ongoing or disconnected
System	Problems with definitions of Virgin sections (parameters management)
Ecall	Constraints VIN can't set "P"
Ecall	ECALL error info is not standard – ASN.1 constraints

8.2. Functional Improvements since the Previous Version

ID	Description
FTP	RESUME TRANSFER procedure implemented
TCP	Possibility to receive TCP (respectively UDP) data directly in +KTCP_DATA (+KUDP_DATA) URCs notifications
Ecall	Modify version name from 3GPP 9.4.0 to 10.0.0

8.3. Known Issues

ID	Description
AUDIO	Audio configuration to improve regarding audiomon tool
MUX	"NO CARRIER" is missing in MUX mode
AT Command	CFUN: Improvement needed for GSM stack OFF/ON sequences (CFUN=4 / CFUN=1) and AT+COPS=?
UDP	In specific configuration (AT+KUDPCFG data mode 1), module might reboot when server sends a big file to client with AT+KUDPSND

8.4. Known Limitations

ID	Description
Ecall	ECALL ONLY mode not yet available
FOTA	feature is not available in this release

8.5. Applicable Software Documentation

Feature	Document	Edition
AT Commands	URD1 5725.1 008 72807 - AT Command Set for SAGEMCOM Modules.doc	16.00



9. Software Release Reference Hi2C,A.005.01 and Hi2N,A.005.01

Product	Software version	Build date and time
AirPrime HiLo V2	Hi2C,A.005.01	08/01/2013
AirPrime HiLoNC V2	Hi2N,A.005.01	08/01/2013

9.1. Added Fixes since the Previous Version

Type	Description
	n/a

9.2. Functional Improvements since the Previous Version

Type	Description
FILE SYSTEM	Reliability improvement during a sudden cut of the power supply in the middle of the startup process (linked to a limited timing at the startup)

9.3. Known Issues

Type	Description
AUDIO	Audio configuration to improve regarding audiomon tool
MUX	"NO CARRIER" is missing in MUX mode
AT Command	CFUN: Improvement needed for GSM stack OFF/ON sequences (CFUN=4 / CFUN=1) and AT+COPS=?
UDP	In specific configuration (AT+KUDPCFG data mode 1), module might reboot when server sends a big file to client with AT+KUDPSND

9.4. Known Limitations

Type	Description
Ecall	ECALL ONLY mode not yet available
FOTA	feature is not available in this release

9.5. Applicable Software Documentation

Feature	Document	Edition
AT Commands	URD1 5725.1 008 72807 - AT Command Set for SAGEMCOM Modules.doc	16.00



10. Software Release Reference

Hi2C,A.005.03 and Hi2N,A.005.03

Product	Software version	Build date and time
AirPrime HiLo V2	Hi2C,A.005.03	31/01/2013
AirPrime HiLoNC V2	Hi2N,A.005.03	31/01/2013

10.1. Added Fixes since the Previous Version

Type	Description
HTTP 2219, 2724	[Http] module reboot when HTTP connection timeout
PDP 2349	AT+CGPADDR=? result has some problem with AT+CGPADDR write command
CONTROL 3481	[+KTEMPMON]: An wrong URC(eg. 114 Deg) print
CONTROL 5013	In MUX mode, "AT+KTEMPMON=0" is not answered
GSM 3492	module will "Be searching network forever" if set AT+CFUN=4,0 before
MUX 3508	[MUX] AT+CMUX=0,0,5,10, AT+CREG? Cannot return the information.
FTP 3788	[KSLEEP=0,1]KFTPSND with DTR0 drop : often lose a part of data
HTPP 3967	KHTTPGET Command returns "OK" after too long time.
MUX 3980	AT+CMUX returns OK instead of 0 in verbose mode
POP 4017	POP3 & DCD wrong behavior
GSM 4042,4908	Sporadically, CPWD does not return the expected error code
GSM 4055	After CFUN=4 then CFUN=1 , the SIM card is not seen by the module
TCP/FTP 4063	TCP/FTP upload data error when +KSLEEP=1
GSM 4097	When auto attach in GPRS is disabled, CGREG2 is sent instead of CGREG 0
eCall 4228	Before PSAP hang up the eCall, IVS should be able to play an AMR message
eCall 4261	Sporadically, MSD Position reported as "LOW_CONFIDENCE" despite good GPS reception
eCall 4863	Optional additional data in MSD (OID fixed to 1)
CONTROL 4874	with +CHUP, one pulse of RI signal is seen
HTTP 4893	+KHTTPCFG: syntax issue
MUX 4907	PPpd not terminated with MUX and ATH1 entered in channel 2
GSM 4912	Sometimes, AT+COPS=1,0,"network operator" doesn't answer.
HTTP 4929	When use "+KHTTPPOST" to upload a big file, the uploaded file might contain some bad data
MUX 4938	"NO CARRIER" is missing in MUX mode
JAMDET 4948	The unsolicited notification of KJAMDET does not end with a CRLF in MUX mode
UDP 4979	AT+KUDPCFG : sometimes some sessions are not closed (due to DNS error)
FTP 5002	[KFTPCRV] not able to abort the downloading by sending any character
FTP 5003	[KFTPCRV] strange behavior when DTR is turned off
TCP 5038	[TCP_ACK] The number of data acknowledged is wrong
TCP 5049	[TCP-ACK] Sometimes URC +KTCP_ACK repeated many times

Type	Description
TCP 5174	[TCP_ACK] +KTCKP_ACK does not report if latest TCP data status unknown
FTP 5048, 5067	FTP downloading and DTR drops, after repeats many times, cannot download any more
HTTP 5054	[+KHTTPGET]: Miss "<EOF pattern> OK" reply
GSM 5077	Parameters given to AT+COPS not saved for next reboot
TCP 5080	The module will reset by AT+CGATT=0 after AT+KTCPDEL=1
POP3 5083	Module freeze when DTR1 drop at list mail
SIM 5141	The module sends a strange "1" at startup when it uses some SIM cards
JAVA 3634	Data Abort during AT Stream Connection

10.2. Functional Improvements since the Previous Version

Type	Description
GSM 4010,4252	Improved stability during switch on and off of GSM stack
SIM 4279	Add "SIM used" information when KSIMSEL is in mode 2
eCall 4300	URC 41 not send
eCall 4317	Field Emergency Category in message SETUP_REQ indicates erroneous value
UDP 5029	Improved stability for KUDPDATA when URC to be displayed by KUDPRCV is more than 1500 bytes
UDP 5014	In specific configuration (AT+KUDPCFG data mode 1), module might reboot when server sends a big file to client with AT+KUDPSND
TCP 5027, 5072	Improved stability of KTCPCFG? Cmd
MUX/TCP 5059	Improved stability for repetitive and simultaneous use of KCELL and TCP commands in advanced MUX mode
MUX 5063, 5155	Improved switching between MUX channels
TCP 5079	[KTCPCLOSE] need to close the connection quickly when retransmission is ongoing

10.3. New Features

Type	Description
HTTPS 3080	(Option) support of HTTPS

10.4. Known Issues

Type	Description
4176AT Command	CFUN: Improvement needed for GSM stack OFF/ON sequences (CFUN=4 / CFUN=1) and AT+COPS=?
SMS5247	For +CMT notifications (SMS with class different from 2), module might freeze while displaying an incoming SMS notification and contents

10.5. Known Limitations

Type	Description
eCall 5277	AT+kecallcfg=3 cannot be set
2866 eCall	ECALL ONLY mode not yet available
4859 / 4841 FOTA	feature is not available in this release

11. Software Release Reference

Hi2C,A.005.08 and Hi2N,A.005.08

Product	Software version	Build date and time
AirPrime HiLo V2	Hi2C,A.005.08	13/05/2013
AirPrime HiLoNC V2	Hi2N,A.005.08	13/05/2013

11.1. Added Fixes since the Previous Version

Type	Description
AUDIO5261	+KPLAYSOUND: module reboots when playing empty file
AUDIO5370	+KPLAYAMR 2 bips heard at the beginning when play amr
CONTROL4955	If a URC occurs during an AT command, the command will fail
CONTROL5045,5259	AT+VIP wrong answer
CONTROL5160	sometimes KTEMPMON returns wrong answer
CONTROL5219	Activation of the RI signal for +CUSD notification does not work
CONTROL5236	AT+CIND? is not available without simcard
CONTROL5240	Sometimes, notification of alarms are not displayed by +CALV
CONTROL5260	+KGSMD mode is not saved when module restarted
CALL5277	AT+kecallcfg=3 cannot be set
FTP5003	+KFTPCV strange behavior when DTR is turned off
FTP5065	incoming CSD call while uploading file, DTR2 drop: miss "NO CARRIER"
FTP5283	There is no <CR><LF> before "+KFTP_ERROR : 0, 2"
FTP5293	Error when using TCP server and FTP client together
FTP5326	+KFTPSEND answers +KFTP_ERROR : 0, 331
GENERAL5238	PSCHRU reset from 0 to 511 after received SMS
GPRS5270	*PSGCNT cannot get counters values
GSM4176	CFUN: Improvement needed for GSM stack OFF/ON sequences (CFUN=4 / CFUN=1) and AT+COPS=?
GSM4974	Impossible to make a call if module is booting in flight mode
MMS5383	+KPSEND MMS indication appears in TCP data mode
NETWORK5215	With AT+CREG=2 location information URC are sometimes not displayed
POP35278	AT+KPOPLIST reply one redundant "CONNECT"
SIM4055	After CFUN=4 then CFUN=1 , the SIM card is not seen by the module
SIM4915	Just after PIN1 entered, the CPMS returns CMS ERROR 500
SIM5186	+CPOL If Preferred PLMN list is too long the OK is not returned
SIM5257	AT+KSIMDET : +SIM: 1 not displayed when in data mode
SMS5247	For +CMT notifications (SMS with class different from 2), module might freeze while displaying an incoming SMS notification and contents
SSL5285	+KCERTSTORE: when <data type> is 0, index can be set.
TCP4052	When KPATTERN is segmented, it is not taken into account

Type	Description
TCP5172	After remote TCP server disconnect, the connection should be shut down
If applicable:	
eCall4100	when +COLP=1 and PSAP busy, module freeze.
eCall4727	Sometimes, +KECALL: 1 is not sent during an ecall
eCall4149	The PUSH is sent before the PSAP pick up the call

11.2. Functional Improvements since the Previous Version

Type	Description
SYSTEM 5091	Improved robustness during boot
CONTROL2980,2985,4094	Improved stability and processing of +KRST
eCall(dependent on version variants)5404	Change value of T5 timer in eCall from 2s to 5s

11.3. New Features

Type	Description
CONTROL5228	New Jamming Detection algorithm and command: +KJAM
eCall(dependent on version variants) 2866	eCall Only mode support (partial, USIM not supported)



12. Software Release Reference Hi2C,A.006.00 and Hi2N,A.006.00

Product	Software version	Build date and time
AirPrime HiLo V2	Hi2C,A.006.00	11/07/2013
AirPrime HiLoNC V2	Hi2N,A.006.00	11/07/2013

12.1. Added Fixes since the Previous Version

Type	Description
AUDIO5370	+KPLAYAMR: 2 bips heard at the beginning when play amr
AUDIO5463	AT+KMAP mute doesn't work
AUDIO5464	AT+KMAP coarse and fine gain seems to have no effect during eard tests
CONTROL5375	The module stays stuck with DCD=ON and CTS=OFF
NETWORK5417	[+CFUN][+COPS]Module freeze after <AT+COPS=?>
GENERAL5422	Add Line ID:0 to response of AT*PSDCIN=?
GPRS5270	AT*PSGCNT cannot get counters values
TCP5097	Wrong behavior of KTCPCNX
STATUS5425	+KJAM syntactic check : wrong CME error value
STATUS5426	+KJAM syntactic check : GPIO 0 is allowed
STATUS5428	+KJAM=2 returns wrong results
STATUS5430	+KJAM and COPS URC collision
MMS5383	+KPSEND MMS indication appears in TCP data mode
MMS5434	+KPSEND might reboot with wrong proxy configuration
SMS5419	+CMGL ="ALL" fails with concatenated SMS
If applicable:	
ECALL4727	+KECALL: 1 is not sent during in ecall to emergency number "112"
ECALL5208	Ecall only mode configuration is not memorized before reboot.
FOTA5366	Sporadically no URC FOTA:1 if upgrade successful
FOTA5367	Signature verification might make module reboot after upgrade without power OFF/ON
TLS5280	EOF Pattern displayed when cipher_suite = 5,3,1
TLS5287	AT+KHTTPSCFG, <cipher_suite> cannot be set as "0".
TLS5288	KHTTPSHEADER, when set <local uri> as an invalid value, the CTS is off automatically.

12.2. Functional Improvements since the Previous Version

Type	Description
GENERAL5427,5465	Improved stability
TLS5168	Add +KPRIVKDELETE At command to delete Private key.
TLS5217	Support <cipher_suite>:0- TLS_RSA_CHOOSE_BY_SERVER [default]



13. Software Release Reference

Hi2C,A.006.01 and Hi2N,A.006.01

Product	Software version	Build date and time
AirPrime HiLo V2	Hi2C,A.006.01	20/01/2014
AirPrime HiLoNC V2	Hi2N,A.006.01	20/01/2014

13.1. Added Fixes since the Previous Version

Type	Description
TCP 6027	Module reset after KTCPSND during robustness tests
TCP 5983	In particular radio environment, module reboot with AT+KTCPCNX=1
CALL 5671	ATH can't disconnect the incoming call, and Ringtone won't stop until reboot the module
CONTROL 5579	KTEMPMON,when action is 2,set as different GPIO, all the GPIO are tied high.
CONTROL 5524, 5500	Improved stability
SMS 5352	Module reboot when sending 160Bytes of UCS2 data with 7bit code.
CMUX 5314	No Module Status Command (MSC) sent after sending of SABM message
CONTROL 5576	CLVL takes not effect when setting in idle
CONTROL 5511	+VGR, +VGT Syntax issue



14. Software Release Reference Hi2C,A.006.02 and Hi2N,A.006.02

Product	Software version	Build date and time
AirPrime HiLo V2	Hi2C,A.006.02	08/05/2014
AirPrime HiLoNC V2	Hi2N,A.006.02	08/05/2014

14.1. Added Fixes since the Previous Version

Type	Description
JAMMING 6355, 6289	During Jamming, TCP activity or +KTCPCLOSE can lead to reboot
JAMMING 6241	During CSD data call, a +KJAMDET URC can make the module switch to command mode
MMS 6322	During sending of MMS, if GPRS connection fails, the module might reset
MMS 6146	Hilo module cannot read a self-sent MMS that is less than 1500 bytes
MMS 3797	[+KPSW] Module freeze after DTR1 drop off/on
HTTPS 6238	Sometimes module always reply "+KHTTPS_ERROR : 0, 5"

14.2. Known Limitations

Type	Description
MMS 6423	[+KMMRET]: Retrieve little MMS freeze



15. Software Release Reference

Hi2C,A.006.03 and Hi2N,A.006.03

Product	Software version	Build date and time
AirPrime HiLo V2	Hi2C,A.006.03	18/07/2014
AirPrime HiLoNC V2	Hi2N,A.006.03	18/07/2014

15.1. Added Fixes since the Previous Version

Type	Description
MMS 6423	[+KMMRET]: Retrieve little MMS freeze

15.2. Functional Improvements

Type	Description
FLASH 6475, 6447	Flash optimization: writing and restoration improved

15.3. New Features

Type	Description
If applicable:	
GSM 5642	Support of the R-GSM band

15.4. Known Limitations

Type	Description
GSM 6469	Wrong classmark when R-band is deactivated



16. Software Release Reference Hi2C,A.006.04 and Hi2N,A.006.04

Product	Software version	Build date and time
AirPrime HiLo V2	Hi2C,A.006.04	30/07/2014
AirPrime HiLoNC V2	Hi2N,A.006.04	30/07/2014

16.1. Added Fixes since the Previous Version

Type	Description
GSM 6469	Wrong classmark when R-band is deactivated

17. Software Release Reference **Hi2C,A.007.40 and Hi2N,A.007.40**

Product	Software version	Build date and time
AirPrime HiLo V2	Hi2C,A.007.40	22/12/2014
AirPrime HiLoNC V2	Hi2N,A.007.40	22/12/2014

17.1. Added Fixes since the Previous Version

Type	Description
RING 6572	RI switched off during incoming call notification
MMS 6571	Incoming voice caused the on-going outbound MMS operation to fail and reboot
MMS 6573	Incoming multiple SMS caused the on-going outbound MMS operation to fail and reboot
RTS 6576	In Autobaud rate only, some data might be missing after RTS released
CSD 6577	Downstream CSD data was not forwarded to UART on a timely manner
FLASH 6447	Flash write operation has been optimized to reduce the number of erase cycles



18. Software Release Reference Hi2C,A.008.00 and Hi2N,A.008.00

Product	Software version	Build date and time
AirPrime HiLo V2	Hi2C,A.008.00	9/3/2015
AirPrime HiLoNC V2	Hi2N,A.008.00	13/3/2015

18.1. Added Fixes since the Previous Version

Type	Description
CEER 6595	AT+CEER doesn't report the extended error codes for PPP connection failures.



19. Software Release Reference Hi2C,A.009.00 and Hi2N,A.009.00

Product	Software version	Build date and time
AirPrime HiLo V2	Hi2C,A.009.00	7/8/2015
AirPrime HiLoNC V2	Hi2N,A.009.00	7/8/2015

19.1. Added Fixes since the Previous Version

Type	Description
STK 6598	AT*PSSTK cannot return to the menu at the root.
SMS 6599	Module in voice call may reset during receiving a lot of SMS.



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