



MC8705
T3_5_4_1AP & T3_5_4_1BT

**Release Notes &
Upgrading Instructions**

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General

Purpose

This document is intended to capture technical changes to the release package. The document covers changes in the Modem firmware (Bootloader and Application).

These release notes are **NOT** intended for the end user.

A new revision of this document will be issued when any of the firmware components of the product are updated.

Scope

This document covers issues that affect carriers and end users.

Revision History

Date	Author	Summary of changes
Jul 24, 2010	Victor He	Created for T1.0 Beta1
Sep 3, 2010	Victor He	Updated for T1.0 Beta 2
Oct 10, 2010	Victor He	Updated for T1.0 Beta 3
Oct 29, 2010	Victor He	Updated for T1.0 Beta 4
Nov 16, 2010	Victor He	Updated for T1.0 Beta 5
Dec 24, 2010	Victor He	Updated for T1.0 Release 1
Jan 28, 2011	Victor He	Updated for T1.0 Release 2
Mar 19, 2011	Victor He	Updated for T1.0 Release 3
Apr 22, 2011	Hailong Zhu	Updated for T1.0 Release 4
July 25,2011	Wukui Sun	Updated for T1.0 Release 5
Sep 06,2011	Wukui Sun	Updated for T1.0 Release 4.1
Sep 09,2011	Wukui Sun	Updated for T1.0 Release 6
Nov 29,2011	Wukui Sun	Updated for T1.0 Release 6.1
Feb 23,2012	Traving Chen	Updated for T3.5 Release 1
May 24, 2012	Zhenhui Nie	Updated for T3.5 Release 2
Jun 08, 2012	Zhenhui Nie	Updated for T3.5 Release 3
Mar 15, 2013	Tony Lv	Updated for T3.5 Release 4

Installing and Upgrading the Release

Download the entire necessary upgrade files

Download the files and follow any additional instructions on the download website:

Please contact your Sierra Wireless representative for access/instructions.

Supported Operating Systems

This software and firmware package supports the Sierra Wireless [MC8705](#) on the following Microsoft Operating Systems:

1. Windows XP SP3 (Service Pack 3 or higher)
2. Windows Vista SP1 (Service Pack 1 or higher)
3. Windows 7

Upgrade Procedure

Sierra Wireless firmware upgrades are provided in a One-Click tool, which contains the firmware bundled right in with it. Before you start your upgrade, please ensure the following:

- Your computer is connected to an AC power supply, or that it has at least ½ hour of battery life remaining
- Please close all active sessions such as Hyperterminal, etc. that you may have open, debug logging sessions, etc.
- Please ensure that your card is powered and operating normally

To proceed with the download please follow the next steps:

1. Navigate to the folder in the current release containing the folder named “Firmware” and open it
2. Open the folder named “OneClickTool” and click on the executable within that folder to start the BinUpdater tool

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NOTE: The download can take up to 10 minutes to complete. Do not remove the power to either the laptop or the card until the Binary Update Tool announces that the upgrade has been successful, as shown here:



NOTE 2: There can be more than one firmware image bundled with the One Click Tool. If so, then you will be asked if you want to upgrade the device once for each image. If you click Cancel instead of OK, the remainder of the download will be aborted.

NOTE 3: When a boot image is released it is usually bundled with the application firmware within the same OneClickTool executable. That OneClickTool will automatically install both the boot and application images for you. If you intend to perform repeated download stability tests, please use the oneclick tools with just the Application image.

Debug Tools

Sierra Wireless devices provide support for trace tools such as QXDM or the Sierra Wireless log-gathering tool. Please contact your Sierra Wireless representative for the logger tool and the installation instructions

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Revision History

T3.5 Release 4

Firmware Component Revision Levels

Component	Revision	Compatibility
Hardware	DV2 or newer	
Boot loader	T3_5_4_1bt	DV2 or newer
Application	T3_5_4_1ap	DV2 or newer
Qualcomm Stack Version	3.0.48.0_M8200CFACPASZD	

Firmware Changes

- Merge SBA_M8200CFACPASZD30480
- Merge SBA_M8200CFACPASZD30470
- Merge QC SBAs (30410, 30420, 30430, 30440, 30450,30460)
- Update the SE13 list (Feb 11, 2013) as GCF request
- Solve issue that Class 0 SMS is saved while <mt>=2
- Solve issue that RSSI value of AT!GSTATUS without updating in idle mode
- Downgrade !NVENUM restriction from L3 AT command to L2
- Solve issue that timestamp is missing while working in MS-Assisted mode(2D-Fix)
- Solve issue that modem keep staying in 'limited service' after SIM is unlocked
- Solve issue that profile settings are cleared after FW updated to 3.x
- Solve issue that CnS/HIP log packet cannot be captured on 8200A platform.
- Support the Telefonica feature that Operation_Radio_Backup_Network
- Support the function that AT!CUSTOM="AUTONETWORKMODE",2
- Solve issue that No response of at+cops=0 when no SIM inserted.
- Solve issue that CnS cannot report negative temperature
- Update SVN value.

Known Issues with T3.5 Release 4

- **This release contains the following limitations:**
None
- **The following crashes have been observed via AT!GCDUMP:**
None
- **Note:**
T3.5.4.1 and T3.0.4.1 are built based on the same code base. The only difference is the flash partition table, which is invisible to customers and doesn't introduce any deviations in terms of modem functionality and performance.

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T3.5 Release 3

Firmware Component Revision Levels

Component	Revision	Compatibility
Hardware	DV2 or newer	
Boot loader	T3_5_3_2bt	DV2 or newer
Application	T3_5_3_2ap	DV2 or newer
Qualcomm Stack Version	3.0.39.0_M8200CFACPASZD_1 W	

Firmware Changes

- Remove emergency number "111".

Known Issues with T3.5 Release 3

- **This release contains the following limitations:**

None

- **The following crashes have been observed via AT!GCDUMP:**

None

- **Note:**

T3.5.3.2 and T3.0.3.2 are built based on the same code base. The only difference is the flash partition table, which is invisible to customers and doesn't introduce any deviations in terms of modem functionality and performance.

T3.5 Release 2

Firmware Component Revision Levels

Component	Revision	Compatibility
Hardware	DV2 or newer	
Boot loader	T3_5_3_1bt	DV2 or newer
Application	T3_5_3_1ap	DV2 or newer
Qualcomm Stack Version	3.0.39.0_M8200CFACPASZD_1 W	

Firmware Changes

- Merge QCT stack to 3.0.39.0_M8200CFACPASZD_1W
- Fix VTS duration timer issue.
- Add missing emergency number "111".

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- Fix issue that emergency call "000" fail with SIM inserted but pin locked
- Increment SVN from 6 to 7
- Fix issue that AT+CHLD=21 does not return
- Merge QCT stack to 3.0.39.0_M8200CFACPASZD
- Fix voice enable setting issue
- Fix dual PDP IP address issue when disconnect one PDP
- Fix inter RNC handover crash issue by merging QCT newest stack

Known Issues with T3.5 Release 2

- **This release contains the following limitations:**

None

- **The following crashes have been observed via AT!GCDUMP:**

None

- **Note:**

T3.5.3.1 and T3.0.3.1 are built based on the same code base. The only difference is the flash partition table, which is invisible to customers and doesn't introduce any deviations in terms of modem functionality and performance.

T3.5 Release 1

Firmware Component Revision Levels

Component	Revision	Compatibility
Hardware	DV2 or newer	
Boot loader	T3_5_2_1bt	DV2 or newer
Application	T3_5_2_1ap	DV2 or newer
Qualcomm Stack Version	3.0.35.0_M8200CFACPASZD_ SBA	

Firmware Changes

- Add Qualcomm 3.0.30.0_M8200CFACPASZD SBA
- Add Qualcomm 3.0.32.0_M8200CFACPASZD SBA
- Add Qualcomm 3.0.33.0_M8200CFACPASZD SBA
- Add Qualcomm 3.0.35.0_M8200CFACPASZD SBA
- Add basic support for IPv6
- Fix: AT!SLEEP=0 doesn't work
- Fix transition table: change default value of sleep from disabled to enabled
- Fix: AT!SELRAT command caused AT!BAND, AT!BAND returning "unknown band mask"
- Fix: change hard-coded value of HSDPA category from 18 to 14.

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Known Issues with T3.5 Release 1

- **This release contains the following limitations:**

None

- **The following crashes have been observed via AT!GCDUMP:**

None

- **Note:**

T3.5.2.1 and T3.0.2.1 are built based on the same code base. The only difference is the flash partition table, which is invisible to customers and doesn't introduce any deviations in terms of modem functionality and performance.

T1.0 Release 6.1

Firmware Component Revision Levels

Component	Revision	Compatibility
Hardware	DV2 or newer	
Boot loader	T1_0_4_3Cbt	DV2 or newer
Application	T1_0_4_3Cap	DV2 or newer
Qualcomm Stack Version	1.1.360_M8200CFACPA CZD_SBA	

Firmware Changes

- For fix issue "MC8705: Intermittently goes dormant and ignores incoming packets", follow CR merged:
- Merge Qualcomm CR 292226: SFN mismatch between phone and network: the System Frame Number (SFN) maintained by the phone is not in sync with the SFN read from the System Information Blocks (SIBs). This results in missed incoming calls.
- Merge Qualcomm CR 299492: Incorrect connection frame number: calculation Incorrect connection frame number calculation leads to missing important logging information in the WCDMA physical layer.
- Merge Qualcomm CR 280919: Phone not able to receive cell broadcast messages: when the phone is camped in WCDMA mode, it is not able to receive the cell broadcast messages.

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- Merge Qualcomm CR 318129: SFN update issue when combiner roll over happens: we detect in sleep ending ISR if combiner roll over has happened, since we just enabled SFN update event and if combiner roll over happened, SFN has to update. Due to the place where SFN update event is enabled, there is a potential race condition when SFN updates twice rather than just once.

Known Issues with T1.0 Release 6.1

- **This release contains the following limitations:**
AT!SLEEP not effective in this release. Modem can goto deep sleep no matter when set AT!SLEEP=0 or AT!SLEEP=1.
- **The following crashes have been observed via AT!GCDUMP:**
None

T1.0 Release 6

Firmware Component Revision Levels

Component	Revision	Compatibility
Hardware	DV2 or newer	
Boot loader	T1_0_4_3bt	DV2 or newer
Application	T1_0_4_3ap	DV2 or newer
Qualcomm Stack Version	1.1.360_M8200CFACPA CZD_SBA	

Firmware Changes

- fix issue MC8705: Failure to connect
- fix issue MC8705 SVN increase after T1042
- fix issue Rssi values reported by 8705 not matched by agilent call box rssi values

Known Issues with T1.0 Release 6

- **This release contains the following limitations:**
None
- **The following crashes have been observed via AT!GCDUMP:**
None

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T1.0 Release 5

Firmware Component Revision Levels

Component	Revision	Compatibility
Hardware	DV2 or newer	
Boot loader	T1_0_4_2bt	DV2 or newer
Application	T1_0_4_2ap	DV2 or newer
Qualcomm Stack Version	1.1.360_M8200CFACPA CZD_SBA	

Firmware Changes

- Add Qualcomm 1.1.340_M8200CFACPACZD_SBA
- Add Qualcomm 1.1.350_M8200CFACPACZD_SBA
- Add Qualcomm 1.1.360_M8200CFACPACZD_SBA
- Add Qualcomm SBA M8200CFACPACZD10394006
- Fixed "GPS still works in LPM"
- Fixed " Bell cross board roaming issue"
- Fixed "issueVerify IMEI Change Notification Application Interoperability 2G - Idle Mode"
- Fixed "Missing test cmds for GPS and diversity"
- Fixed "use of SIM with APN requiring user name /password"

Known Issues with T1.0 Release 5

- **This release contains the following limitations:**
None
- **The following crashes have been observed via AT!GCDUMP:**
None

T1.0 Release 4.1

Firmware Component Revision Levels

Component	Revision	Compatibility
Hardware	DV2 or newer	
Boot loader	T1_0_4_0bt	DV2 or newer
Application	T1_0_4_0ap	DV2 or newer
Qualcomm Stack Version	M8200CFACPACZM103 94006 – Thin UI	

Firmware Changes

- Increase SVN

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- Add Qualcomm SBA M8200CFACPACZD10394006
- Fixed "GPS still works in LPM"
- Fixed " Bell cross board roaming issue"

Known Issues with T1.0 Release 4.1

- **This release contains the following limitations:**
None
- **The following crashes have been observed via AT!GCDUMP:**
None

T1.0 Release 4

Firmware Component Revision Levels

Component	Revision	Compatibility
Hardware	DV2 or newer	
Boot loader	T1_0_3_2bt	DV2 or newer
Application	T1_0_3_2ap	DV2 or newer
Qualcomm Stack Version	1.0.3.94.005	

Firmware Changes

- Qualcomm SBA 1.0.3.94.005
Fixed small packet crash issue
- Fixed an issue of crashing in ExIPC
- Fixed an issue of modem doesn't enumerating on Linux
- Fixed the issue when set APN, SUPL can't connect to server and report DNS error
- Fixed the issue: SUPL-1.0-con-279 case test fail
- Fixed the issue: Mobile Broadband Connection can't connect successfully

Known Issues with T1.0 Release 4

- **This release contains the following limitations:**
None
- **The following crashes have been observed via AT!GCDUMP:**
None

T1.0 Release 3

Firmware Component Revision Levels

Component	Revision	Compatibility
Hardware	DV2 or newer	
Boot loader	T1_0_2_1bt	DV2 or newer
Application	T1_0_2_1ap	DV2 or newer

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Qualcomm Stack Version	1.0.3.94	
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Firmware Changes

- Qualcomm stack 1.0.3.93
- Qualcomm stack 1.0.3.94
- Fixed an issue of change in RSCP level failing
- Fixed an issue when the PP, PU locks, AT!NVPLMNCLR returns OK and actually clears the PLMN list
- Fixed the issue where GPSEND=0 doesn't end the position location session
- Fixed the issue: [TNZ Issue 3] AC326 power off and cold reset USIM at random during testing
- Darwin RF NV update

Known Issues with T1.0 Release 3

- **This release contains the following limitations:**
None
- **The following crashes have been observed via AT!GCDUMP:**
None

T1.0 Release 2

Firmware Component Revision Levels

Component	Revision	Compatibility
Hardware	DV2 or newer	
Boot loader	T1_0_1_1bt	DV2 or newer
Application	T1_0_1_1ap	DV2 or newer
Qualcomm Stack Version	1.0.3.91	

Firmware Changes

- Qualcomm stack 1.0.3.90
- Qualcomm stack 1.0.3.91
- Fixed an issue of No RRC connection established after CP-ERROR with cause "Network Failure" in MO SMS
- Fixed a crash observed when starting GPS fix

Known Issues with T1.0 Release 2

- **This release contains the following limitations:**
None
- **The following crashes have been observed via AT!GCDUMP:**
 - Crash in Err_exception_handler.c when conducting PIN2 testing (this crash has been discovered on previous releases since Beta4) [Resolved in T1.0 Rel3]

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- Crash in mmoc.c when conducting OS warm boot testing

T1.0 Release 1

Firmware Component Revision Levels

Component	Revision	Compatibility
Hardware	DV2 or newer	
Boot loader	T1_0_0_2bt	DV2 or newer
Application	T1_0_0_2ap	DV2 or newer
Qualcomm Stack Version	1.0.3.88	

Firmware Changes

- Qualcomm stack 1.0.3.84
- Qualcomm stack 1.0.3.88
- Android RIL support - AT command to return DNS addresses
- Added dual-IMSI support

Known Issues with T1.0 Release 1

- **This release contains the following limitations:**
None
- **The following crashes have been observed via AT!GCDUMP:**
None

T1.0 Beta Release 5

Firmware Component Revision Levels

Component	Revision	Compatibility
Hardware	DV2 or newer	
Boot loader	T0_2_5_2bt	DV2 or newer
Application	T0_2_5_2ap	DV2 or newer
Qualcomm Stack Version	1.0.3.82	

Firmware Changes

- Qualcomm stack 1.0.3.82
- Fixed a crash in timer_qemu_task.c when conducting throughput testing
- Fixed a crash in smd_internal.c when conducting throughput testing
- Support USB product ID 68A2

Known Issues with T1.0 Beta Release 5

- **This release contains the following limitations:**
None

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- **The following crashes have been observed via AT!GCDUMP:**
None

T1.0 Beta Release 4

Firmware Component Revision Levels

Component	Revision	Compatibility
Hardware	DV2 or newer	
Boot loader	T0_2_4_1bt	DV2 or newer
Application	T0_2_4_1ap	DV2 or newer
Qualcomm Stack Version	1.0.3.80	

Firmware Changes

- Qualcomm stack 1.0.3.75
- Qualcomm stack 1.0.3.80
- Fixed issue of inaccurate PA temperature reading
- Fixed USB eye diagram issue
- support SIMLPM
- support USB QMI with PID 0x68A9
- NV transition table for Beta4(T0_2_4_1)
- support AT commands: +CCLK?, !GPSMOLRSETTING, AT&C2&W, \$CSQ, +COLR, +VTD, +CHUP, +CPAS

Known Issues with T1.0 Beta Release 4

- **This release contains the following limitations:**
 - cell reselection from W2100 to W900 in CELL_FACH state being unstable [Resolved in T1.0 Beta 5]
- **The following crashes have been observed via AT!GCDUMP:**
 - Crash in timer_qemu_task.c when conducting throughput testing [Resolved in T1.0 Beta 5]
 - Crash in smd_internal.c when conducting throughput testing [Resolved in T1.0 Beta 5]

T1.0 Beta Release 3

Firmware Component Revision Levels

Component	Revision	Compatibility
Hardware	DV2 or newer	
Boot loader	T0_2_3_0bt	DV2 or newer
Application	T0_2_3_0ap	DV2 or newer
Qualcomm Stack Version	1.0.3.70	

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Firmware Changes

- Qualcomm stack 1.0.3.60
- Qualcomm stack 1.0.3.65
- Qualcomm stack 1.0.3.70
- Fixed an issue of GPS crash at startup
- Enable NEMA output when GPS is enabled
- Couple NV value changes improving RF performance
- added NV transition table from Beta2 to Beta3
- Made AT!BAND=0 set to band mask that AC326U actually supports instead of band mask that MDM8200A supports
- Fixed an issue of roaming icon and roaming charge pop up appear intermittently on EPLMN
- Fixed an issue where UE can't get satellite information after position fixed
- Added generic method to load files into the modem
- Support TRU_flow
- Resolved AT port unstable issue

Known Issues with T1.0 Beta Release 3

- **This release contains the following limitations:**
 - W_DISABLE is broken with interrupt debounce time > 0
- **The following crashes have been observed via AT!GCDUMP:**
 - Crash in l1_drx.c when conducting overnight idle testing [Resolved in T1.0 Beta 4]
 - Crash in timer_qemu_task.c when conducting throughput testing

T1.0 Beta Release 2

Firmware Component Revision Levels

Component	Revision	Compatibility
Hardware	DV2 or newer	
Boot loader	T0_2_2_0bt	DV2 or newer
Application	T0_2_2_0ap	DV2 or newer
Qualcomm Stack Version	1.0.3.55	

Firmware Changes

- Qualcomm stack 1.0.3.55
- Fixed an issue of AT+COPS returning unexpected values
- Fixed wrong WINS address issue

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- Fixed wrong response of 3G QoS(AT+CGEQNEG)
- Keep WCDMA PA power supply always on
- Support customization STARTLPM and RADIORESET
- Added basic support of AGPS SUPL
- Fixed SIM STK issue
- Removed External TX power detector
- Added band selection support via AT and CnS
- Resolved a potential issue of uplink data stall
- Resolved an issue where extra PC reboot is required after SWoC installation

Known Issues with T1.0 Beta Release 2

- **This release contains the following limitations:**
 - Limited support on AGPS
- **The following crashes have been observed via AT!GCDUMP:**
 - Crash in dog_keepalive.c when doing repetitive hibernate/resume testing
[Not observed in T1.0 Beta 3]
 - Crash in l1_drx.c when conducting overnight idle testing
 - Crash in timer_qemu_task.c when conducting throughput testing

T1.0 Beta Release 1

Firmware Component Revision Levels

Component	Revision	Compatibility
Hardware	DV1 or newer	
Boot loader	T0_2_1_0bt	DV1 or newer
Application	T0_2_1_0ap	DV1 or newer
Qualcomm Stack Version	1.0.3.30	

Firmware Changes

- initial Beta release

Known Issues with T1.0 Beta Release 1

- **This release contains the following limitations:**
 - GPRS and EDGE related functionalities are not fully supported
 - 3G to 2G cell reselection is not stable
 - AT port is not stable with some scenarios
 - Limited support on AGPS
- **The following crashes have been observed via AT!GCDUMP:**
 - Crash in dog_keepalive.c when doing repetitive hibernate/resume testing
[Debugging in progress]
 - Crash in wl1m.c when switching radio on/off and conducting throughput

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- testing
 - [Resolved in T1.0 Beta 2]
 - Crash in dsm_queue.c when conducting throughput testing
 - [Resolved in T1.0 Beta 2]
 - Crash in err.c(FatalError: Excep) when conducting throughput testing and overnight idle testing
 - [Not observed in T1.0 Beta 2]
 - Crash in rrcmd.c when conducting overnight idle testing
 - [Resolved in T1.0 Beta 2]
 - Crash in l1_drx.c when conducting overnight idle testing
 - [Debugging in progress]
 - Crash in timer_qemu_task.c when conducting throughput testing
 - [Debugging in progress]

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Troubleshooting

The following sections describe troubleshooting information when using the AirPrime when using in a live network and when using with a test box.

Ciphering/Integrity

If you're not attaching, check your ciphering settings. The UE needs to use the same settings as the network/test set. Generally, live networks will have ciphering/integrity enabled. Test sets may have them enabled or disabled, but it is common for test sets to leave it disabled unless explicitly testing that feature.

The AT command is noted below:

AT Command	Description
AT!GCIPHER=X	Set the card to support integrity and ciphering with the following settings: X = 0, Ciphering OFF, Integrity OFF X = 1, Ciphering ON, Integrity OFF X = 2, Ciphering ON, Integrity ON
AT!GCIPHER?	Query the GCIPHER settings.

Crash Investigation

Should the UE crash there are a number of different means to provide useful feedback to Sierra Wireless for resolution of the issue.

Full memory dump

This is the preferred process because it captures the most crash information.

Configuring the UE for crash dump capture

This must be done to enable or disable the crash capture feature on the UE. This configuration is stored in NV so it is persistent across power cycles / power removal. The UE must be reset after changing the setting before the changes take effect.

To enable crash dump capture

AT!EROPTION=0

To enable UE reset upon a crash (default behaviour)

AT!EROPTION=1

Capturing a crash dump

1. Wait for / cause a crash to occur
2. Close connection manager software (to release the com port)
3. Run SwiMemDebug
4. Click Start to initiate crash dump collection. If this fails, the application likely cannot open the com port (see step 2)
5. Once 100% is reached, the crash dump collection is complete. Click Reset to reset the modem (optional), and Exit to exit the program
6. Crash files will be in the same location as SwiMemDebug. Zip up the crash files and label the zip file with a unique name (date/timestamp is suggested) and send the zip to Sierra Wireless for analysis

Mini Dump

If a crash occurs, the summary of why the crash occurs is saved in memory. The command following command will display the crash summary:

AT!GCDUMP

Note that this crash summary is lost once power is removed from the device (or manually cleared via AT!GCCLR).

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Error Listing

The AT!ERR command will display “points of interest” that have occurred in the UE. These are not crashes, but are often used by developers to highlight areas they wish to examine.

Vista Recommendations

For optimum performance and stability in Microsoft Vista, it is recommended that USB Selective Suspend be disabled. In order to disable Selective Suspend properly, follow both procedures (B.1 and B.2) below:

B.1 Disabling Global Selective Suspend

The following procedure will disable the global selective suspend setting in Microsoft Vista.

- a. Open the **Control Panel**
- b. Select the **Power Options** applet
- c. For whichever item is selected as the current Power Mode (ie: Maximum Battery Life), select **Change plan settings**
- d. Select **Change advanced power settings**
- e. Expand **USB Settings**
- f. Expand **USB Selective Suspend settings**
- g. Change the settings for **Plugged in** to **DISABLED**
- h. Change the settings for **On Battery** to **DISABLED**
- i. Close the **Power Options** applet

B.2 Disabling Device Specific Selective Suspend for Generic Sierra Wireless Drivers

The following procedure will disable the device specific selective suspend setting in Microsoft Vista when using a device configured with the generic Sierra Wireless drivers:

1. Open a notepad
2. Type the following text into notepad

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\SWUMX32\Parameters]
"IdleDetect"=dword:00000000
"UsbSelSus"=dword:00000000
```

Compass885 use SWUMX80 instead of SWUMX32
AC885E use SWUMX59 instead of SWUMX32

3. Save the text file you just created with the filename ***disableSelSus.reg*** to the Desktop
4. Exit Notepad
5. Double-click the file you just created (***disableSelSus.reg***)
6. When prompted by Vista to allow this information to be added to the registry, select Yes.
7. Select OK
8. Reboot the PC