



API Validation Commercial Results

Pantech CDM8992

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QUALCOMM Incorporated
5775 Morehouse Drive
San Diego, CA 92121-1714
U.S.A.

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Section 1 Summary

The following report is intended to communicate how well Brew MP software, SDK & Tools, and platform perform on the Pantech CDM8992 when run against the PVS tests. The data contained herein is not intended to demonstrate any capability of the hardware itself.

Throughout the document there are many abbreviated and technical terms. If any of these terms are unfamiliar, please refer to the Brew MP Glossary on the [Brew MP website](#).

1.1 Device Summary

Pantech CDM8992	
Software Build	D8992VWB5422.164
Reference Device	QSC6175
Brew MP AU	1.0.3.856
Brew MP Platform Pro	1.0.3.856
Validation Stage	Commercial
Network	Verizon

Section 2 API Validation Results

2.1 Brew MP TXT8045 Results Summary

2.1.1 Validation Environment Summary

Environment Attribute	Attribute Data
PVS Version	1.0.3.856 PRO
Test Studio Version	5.12.1.1
Brew MP Version	1.0.3.856
Device Build Version	D8992VWB5422.164

2.1.2 API Validation Results Summary

Results Categories	Results Summary Data
Test Module Count	209
Test Modules Executed	207
Total Tests Passed	10122
Total Tests Failed	113
Total Features Unsupported	1935
Total Tests Unexecuted	729
Date of Execution	Thu Jun 30 17:46:03 2011

2.1.3 Validation Issues Severity Summary

Issue Severity	High	Medium	Low	Total
Totals	3	16	14	33

2.2 API Validation Issues Breakdown by Family

2.2.1 Connectivity

2.2.1.1 Failures

Feature	Tests	Issue	Impact	Severity
Bluetooth	• OATBTClient_Connection1-GetStatus.1	Get connection status fails	Applications will not be able to get current connection status of connected device	High
	• OATBTClient_DuN-Disable.1 • OATBTClient_DuN-Enable.1	GW port is not mapped to Bluetooth	Applications will not be able to enable or disable GW port mapped to Bluetooth	Low
	• OATBTClient_FTP-GetDir.1	Fails to get directory contents	Applications will not be able to get contents of current directory	Medium
	• OATBTClient_FTP-LsDir.1	Incorrect test framework configuration. Test issue. Feature unverified.	Applications may not be able to get list of a directory contents located on server	Medium
	• OATBTClient_FTP-Mkdir.1	Cannot create directory on server	Applications will not be able to create a directory on server	Medium
	• OATBTClient_FTP-PutDir.1	Cannot put file on server	Applications will not be able to put a file available on client to server	Low
	• OATBTClient_FTP-Rmdir.1	Cannot put all files in a directory from client to server	Applications will not be able to push contents of current directory to the server	Medium
	• OATBTClient_OBEX-Get.1	Cannot delete directory on server	Applications will not be able to delete a directory on server	Medium
	• OATBTClient_SPP-ConnectToAskServerShutdown.1 • OATBTClient_SPP-ConnectToGetServerLog.1 • OATBTClient_SPP-ReadServerLogData.1	Cannot connect to SPP server	Applications will not be able to connect to SPP server	Low

Issue Severity	High	Medium	Low	Total
Totals	1	5	3	9

2.2.1.2 Unexecuted

Test Module	Tests	Reason	Impact
connmgrtest (14)	• Most	Incorrect test framework configuration. Feature unsupported.	None
ctffmradiorx (20)	• Most	Incorrect test framework configuration. Feature unsupported.	None
ctffmradiotx (14)	• Most	Incorrect test framework configuration. Feature unsupported.	None
ctffmrds (18)	• Most	Incorrect test framework configuration. Feature unsupported.	None
ctfwlanprofilemgr (64)	• Most	Incorrect test framework configuration. Feature unsupported.	None
ctfwlansettings (14)	• Most	Incorrect test framework configuration. Feature unsupported.	None

2.2.2 Databases

2.2.2.1 Failures

Feature	Tests	Issue	Impact	Severity
None	<ul style="list-style-type: none"> None 	N/A	N/A	N/A

Issue Severity	High	Medium	Low	Total
Totals	0	0	0	0

2.2.2.2 Unexecuted

Test Module	Tests	Reason	Impact
ctfadntest (81)	<ul style="list-style-type: none"> All 	Incorrect test framework configuration. Feature unsupported.	None

2.2.3 Deprecated

2.2.3.1 Failures

Feature	Tests	Issue	Impact	Severity
Contact Database Management	<ul style="list-style-type: none"> AddrBook_CreateRecord.0 AddrBook_CheckingAddressBook.3 AddrBook_AddToNative.1 AddrBook_ReadFromNative.1 AddrBook_EnumRecords.0 AddrBook_MaxRecords.0 	Fails to delete MNC record. Meets Verizon's requirement. Feature verified.	None	Low
	<ul style="list-style-type: none"> AddrBook_GetRecById.1 AddrBook_RecordUpdate.4 	Fails to find category information	Categories are unsupported on this device through IAddrBook. They are supported through IContacts. It has been determined that this limitation has minimal ecosystem impact.	Low

Issue Severity	High	Medium	Low	Total
Totals	0	0	2	2

2.2.3.2 Unexecuted

Test Module	Tests	Reason	Impact
None	<ul style="list-style-type: none"> None 	N/A	N/A

2.2.4 Hardware

2.2.4.1 Failures

Feature	Tests	Issue	Impact	Severity
Camera	<ul style="list-style-type: none"> Camera_InteractivePreviewPauseStopFCM.1 Camera_InteractivePreviewPauseStopDAM.1 Camera_InteractiveRecordSnapshotFCM.1 Camera_InteractiveRecordSnapshotDAM.1 	Preview of images and videos is inverted 270 degrees	Applications may not be able to preview images in their original format	Medium
Sticky Keys	<ul style="list-style-type: none"> ctfkeysconfigtest_TestStickyKeys 	Incorrect test framework configuration. Feature is unsupported.	None	Low
External Keypad	<ul style="list-style-type: none"> ctfkeysmappingtest_TestMappings 	Incorrect test framework configuration. Feature is unsupported.	None	Low
OEM-Configurable Variables and Interfaces	<ul style="list-style-type: none"> Device_HardReset.1 	Application fails to resume after reset	Alarms may not persist after resets	Low
	<ul style="list-style-type: none"> Device_Keyguard.1 	Keyguard event not received	Applications will not be able to take appropriate actions when keyguard is switched off	Medium
	<ul style="list-style-type: none"> Device_Wallpaper.1 Device_Wallpaper.3 Device_Wallpaper.8 Device_Wallpaper.10 	Device pack issue. Feature unverified.	Applications may not be able to set wallpapers from directories for Pictures, Pictures Locked, Movies and Movie Locked	Medium
	<ul style="list-style-type: none"> Device_BREWReadWriteSettings.105 	Write operation fails in SafeMode	Applications will not be able to perform write operation in SafeMode	Low
	<ul style="list-style-type: none"> Device_GetDeviceInfoExComplex.10 	Incorrect test framework configuration. Test issue. Feature unverified.	Applications may not be able to verify ESN or MEID of device	Low
External Keys	<ul style="list-style-type: none"> Key_AutoRepeat.1 Key_IdleScreenKeyTest.1 Key_KeyNotification.1 Key_KeyNotification.2 Key_KeyNotification.3 Key_KeyTones.1 Key_SupportedKeyEvents.1-23 Key_SupportedKeys.1 	Device pack issue. Feature unverified.	Applications that depend on these key behaviors may not function	Medium

Issue Severity	High	Medium	Low	Total
Totals	0	4	5	9

2.2.4.2 Unexecuted

Test Module	Tests	Reason	Impact
None	<ul style="list-style-type: none"> None 	N/A	N/A

2.2.5 Languages

2.2.5.1 Failures

Feature	Tests	Issue	Impact	Severity
None	<ul style="list-style-type: none"> None 	N/A	N/A	N/A

Issue Severity	High	Medium	Low	Total
Totals	0	0	0	0

2.2.5.2 Unexecuted

Test Module	Tests	Reason	Impact
jams_lapp (82)	<ul style="list-style-type: none"> Most 	Incorrect test framework configuration. Feature unsupported.	None
jams_lappControl (89)			
jams_IAppJSR229 (15)			
jams_IAppSession (49)			
jams_IAppSessionJSR82 (5)			
jams_IAutoInstall (1)			
jams_IInstall (82)			
jams_Sanity (6)			
jams_Smoke (3)			

2.2.6 Media

2.2.6.1 Failures

Feature	Tests	Issue	Impact	Severity
Sound	<ul style="list-style-type: none"> Sound_SetDevice.3 Sound_SetDevice.7 Sound_SetDevice.10 Sound_SetDevice.11 Sound_SetDevice.13 Sound_SetDevice.14 Sound_SetDevice.15 	Cannot set and route audio to selected audio device	Applications may not be able to route sound to selected audio device	Medium
Headset	<ul style="list-style-type: none"> MediaDevice_Beep_ISoundDevices_Mono_Headset.1 MediaDevice_Beep_ISoundDevices_Mono_Bluetooth_Headset.1 MediaDevice_Beep_ISoundDevices_Stereo_Headset.1 MediaDevice_Beep_ISoundDevices_Stereo_Bluetooth_Headset.1 MediaDevice_MonoAudioFiles_Mono_Headset:44f32r_1.mp3 MediaDevice_MonoAudioFiles_Mono_Bluetooth_Headset:44f32r_1.mp3 MediaDevice_MonoAudioFiles_Stereo_Bluetooth_Headset:44f32r_1.mp3 	Unable to set mono and stereo headsets as well as mono and stereo Bluetooth headsets. Feature unverified.	Mono headset, stereo headset, mono and stereo Bluetooth headsets may intermittently work	Medium

<ul style="list-style-type: none"> MediaDevice_PlayFile_IMediaDevices_Mono_Bluetooth_Headset:44f32r_1.mp3 MediaDevice_PlayFile_IMediaDevices_Stereo_Bluetooth_Headset:44f32r_1.mp3 MediaDevice_PlayFile_ISoundDevices_Mono_Headset:44f32r_1.mp3 MediaDevice_PlayFile_ISoundDevices_Mono_Bluetooth_Headset:44f32r_1.mp3 MediaDevice_PlayFile_ISoundDevices_Stereo_Headset:44f32r_1.mp3 MediaDevice_PlayFile_ISoundDevices_Stereo_Bluetooth_Headset:44f32r_1.mp3 MediaDevice_RecordADPCMFile_ISoundDevices_Mono_Headset.1 MediaDevice_RecordADPCMFile_ISoundDevices_Stereo_Bluetooth_Headset.1 MediaDevice_RecordQCPFile_ISoundDevices_Mono_Headset.1 MediaDevice_RecordQCPFile_ISoundDevices_Mono_Fairfield_Speaker/Mic.1 MediaDevice_RecordQCPFile_ISoundDevices_Mono_Bluetooth_Headset.1 MediaDevice_RecordQCPFile_ISoundDevices_Stereo_Headset.1 MediaDevice_RecordQCPFile_ISoundDevices_Stereo_Bluetooth_Headset.1 MediaDevice_StereoAudioFiles_Stereo_Bluetooth_Headset:44fk Hz32b_stereo.mp3 			
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Issue Severity	High	Medium	Low	Total
Totals	0	2	0	2

2.2.6.2 Unexecuted

Test Module	Tests	Reason	Impact
OMADRM (23)	<ul style="list-style-type: none"> Several 	Incorrect test framework configuration. Feature unsupported.	None

2.2.7 Networking

2.2.7.1 Failures

Feature	Tests	Issue	Impact	Severity
Network Manager and Connection	<ul style="list-style-type: none"> NetMgr_SetOpt_SetOpt.3 Network_Ipv4_SetOpt.3 	Cannot set RLP settings	Applications will not be able to set RLP settings	Low
	<ul style="list-style-type: none"> Network_IPv4_Start.4 	Fails to open data network that uses an iface which is in closing state	Applications will not be able to start a data network that uses an iface which is in closing state	Medium
Socket Port Number Routines	<ul style="list-style-type: none"> SockPort_IPv4_Accept.3 SockPort_IPv4_Close.3 	Incorrect test framework configuration. Test issue. Feature unverified.	Network server applications may have failures managing TCP connections	Medium
Socket Routines	<ul style="list-style-type: none"> SockPort_Ipv4_Runtime.1 Socket_Accept.3 Socket_Close.3 			Medium

Issue Severity	High	Medium	Low	Total
Totals	0	3	1	4

2.2.7.2 Unexecuted

Test Module	Tests	Reason	Impact
None	<ul style="list-style-type: none"> None 	N/A	N/A

2.2.8 Performance

2.2.8.1 Failures

Feature	Tests	Issue	Impact	Severity
None	<ul style="list-style-type: none"> None 	N/A	N/A	N/A

Issue Severity	High	Medium	Low	Total
Totals	0	0	0	0

2.2.8.2 Unexecuted

Test Module	Tests	Reason	Impact
None	<ul style="list-style-type: none"> None 	N/A	N/A

2.2.9 Security

2.2.9.1 Failures

Feature	Tests	Issue	Impact	Severity
None	<ul style="list-style-type: none"> None 	N/A	N/A	N/A

Issue Severity	High	Medium	Low	Total
Totals	0	0	0	0

2.2.9.2 Unexecuted

Test Module	Tests	Reason	Impact
None	<ul style="list-style-type: none"> None 	N/A	N/A

2.2.10 System

2.2.10.1 Failures

Feature	Tests	Issue	Impact	Severity
Background Applications	• Background_ENDKeyBGVoice.1	Incorrect test framework configuration. Test issue. Feature verified.	None	Low
	• Background_ENDKeyFGVoice.1	Background app does not receive EVT_EXIT	Background applications can be incorrectly closed when call is disconnected	Medium
	• Background_LaunchWAPVoice.1	Cannot launch WAP application	Cannot use Web Browser	High
	• Background_PowerDown.1	Background app does not receive EVT_EXIT	Background applications are not notified of power down	Medium
Out of Coverage	• OutOfCoverage_OOC.3 • OutOfCoverage_OOC.4 • OutOfCoverage_OOC.5	Getting connection error 554. Feature unverified.	Applications relying on network may behave unexpectedly while out-of-coverage	Low

Issue Severity	High	Medium	Low	Total
Totals	1	2	2	5

2.2.10.2 Unexecuted

Test Module	Tests	Reason	Impact
Thread (9)	• ThreadExit • ThreadGetResumeCBK • ThreadHoldRsc • ThreadJoin • ThreadMalloc • ThreadMisalignCheck • ThreadStart • ThreadStop • ThreadSuspend	Incorrect test framework configuration. Obsolete tests.	None
OutOfCoverage (1)	• Coverage	Incorrect test framework configuration. Obsolete tests.	None

2.2.11 TAPI

2.2.11.1 Failures

Feature	Tests	Issue	Impact	Severity
None	• None	N/A	N/A	N/A

Issue Severity	High	Medium	Low	Total
Totals	0	0	0	0

2.2.11.2 Unexecuted

Test Module	Tests	Reason	Impact
None	<ul style="list-style-type: none"> None 	N/A	N/A

2.2.12 Telephony

2.2.12.1 Failures

Feature	Tests	Issue	Impact	Severity
Telephony	<ul style="list-style-type: none"> Telephone_SetSubscriptionStatus.3 	Cannot activate or deactivate subscription status. Platform issue.	Applications cannot change subscription status	High
Smart Card	<ul style="list-style-type: none"> ctfsmartcardiapplication_CreateNonProvAppInstanceTest ctfsmartcardiapplication_CreateProvAppInstanceTest ctfsmartcardicard_CreateCardInstanceForAllSlots ctfsmartcardifile_CreateProvAppInstanceTest ctfsmartcardipin_CreateAllPinsInstanceTest ctfsmartcardirefresh_CreateInstance ctfsmartcardislots_CreateSlotInstance 	Incorrect test framework configuration. Feature unsupported.	None	Low

Issue Severity	High	Medium	Low	Total
Totals	1	0	1	2

2.2.12.2 Unexecuted

Test Module	Tests	Reason	Impact
SMS (1)	<ul style="list-style-type: none"> STRDUPDATESTATUSREPORT_Default 	Incorrect test framework configuration. Obsolete test.	None
ctfsmartcardiapplication (36)	<ul style="list-style-type: none"> Most 	Incorrect test framework configuration. Feature unsupported.	None
ctfsmartcardicard (7)	<ul style="list-style-type: none"> Most 		
ctfsmartcardifile (24)	<ul style="list-style-type: none"> Most 		
ctfsmartcardiperso (32)	<ul style="list-style-type: none"> All 		
ctfsmartcardipin (24)	<ul style="list-style-type: none"> Most 		
ctfsmartcardirefresh (8)	<ul style="list-style-type: none"> Most 		
ctfsmartcardislots (5)	<ul style="list-style-type: none"> Most 		

2.2.13 UI

2.2.13.1 Failures

Feature	Tests	Issue	Impact	Severity
None	<ul style="list-style-type: none"> None 	N/A	N/A	N/A

Issue Severity	High	Medium	Low	Total
Totals	0	0	0	0

2.2.13.2 Unexecuted

Test Module	Tests	Reason	Impact
FrameWidget (2)	<ul style="list-style-type: none"> CameraFrameModel MediaFrameModel 	Incorrect test framework configuration. Obsolete tests.	None