



API Validation Results
QSC6270 1.0.2.609

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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 QSC6270 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

Samsung SCH-U380	
Software Build	Q6270BKPTQL213516
Reference Device	QSC6270 2.x
Brew MP AU	1.0.2.609
Brew MP Platform PRO Version	1.0.2.609
Validation Stage	Commercial
Network	AT&T

Section 2 Brew MP Validation Results

2.1 Brew MP QSC6270 Results Summary

2.1.1 Validation Environment Summary

Environment Attribute	Attribute Data
PVS Version	1.0.2.609 PRO
Test Studio Version	5.11.2.133
Brew MP Version	1.0.2.609
Device Build Version	Q6270BKPTQL213516

2.1.2 Brew MP Validation Test Summary

Results Categories	Results Summary Data
Test Module Count	187
Test Modules Executed	184
Total Tests Passed	9402
Total Tests Failed	84
Total Features Unsupported	1994
Total Tests Unexecuted	340
Date of Execution	Wed Mar 23 17:49:25 2011

2.1.3 Validation Issues Severity Summary

Issue Severity	High	Medium	Low	Total
Totals	7	9	10	26

2.2 Brew MP Validation Issues Breakdown by Family

2.2.1 Connectivity

2.2.1.1 Failures

Feature	Tests	Issue	Impact	Severity
Bluetooth Client Extension	<ul style="list-style-type: none"> OATBTCClient_Secu-PinKeyReply.1 OATBTCClient_Secu-SetBondable.1 OATBTCClient_Secu-TestPasskeyRequest.1 OATBTCClient_EIR-localShortName.1 OATBTCClient_FTP-Put.1 	<p>SPP service connection to Bluetooth connected devices closes unexpectedly.</p> <p>FTP put file failed.</p>	Applications will not be able to use Bluetooth	High
Object Push Profile	<ul style="list-style-type: none"> OATIBTServer_OPP-DisableService.1 OATIBTServer_OPP-EnableService.1 OATIBTServer_OPP-EnableServiceAndDisable.1 OATBTCClient_OPP-AbortPush.1 OATBTCClient_OPP-PushBytes.1 OATBTCClient_OPP-PushFile.1 OATBTCClient_OPP-PushLargeObject.1 OATBTCClient_OPP-RepullObject.1 	Device Pack claims support for OPP, however API returns failure	Applications will not be able to use OPP on Bluetooth	High
Phone Book Access Profile	<ul style="list-style-type: none"> OATBTCClient_PBAP-Disconnect.1 OATBTCClient_PBAP-GetFilteredVCardListing.1 OATBTCClient_PBAP-PullVCardEntry.1 OATBTCClient_PBAP-PullVCardListing.1 	Device Pack claims support for PBAP, however API returns failure	Applications will not be able to use PBAP on Bluetooth	High
WLAN Connection Manager	<ul style="list-style-type: none"> connmgrtest_Connect connmgrtest_AbortScan connmgrtest_ScanMultipleListener connmgrtest_ScanOnce 	WLAN is unsupported on reference device. Feature unverified.	Applications may not be able to use WLAN	High
WLAN Protocols	<ul style="list-style-type: none"> WiFi_TransferWiFiData.1 WiFi_TransferWiFiData.2 WiFi_TransferWiFiData.3 WiFi_TransferWiFiData.4 WiFi_TransferWiFiData.5 			

Issue Severity	High	Medium	Low	Total
Totals	4	0	0	4

2.2.1.2 Unexecuted

Test Module	Tests	Reason	Impact
None	None	N/A	N/A

2.2.2 Databases

2.2.2.1 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

2.2.2.2 Unexecuted

Test Module	Tests	Reason	Impact
PIMCalendarStoreint (1)	<ul style="list-style-type: none"> NoWritePrivilege 	Incorrect test framework configuration. Feature verified.	None
PIMCallHistoryint (1)	<ul style="list-style-type: none"> NoWritePrivilege 		
PIMMessageStoreint (1)	<ul style="list-style-type: none"> NoWritePrivileges 		
Gallery (2)	<ul style="list-style-type: none"> MountDuringSync UnmountDuringSync 	Incorrect test framework configuration. Obsolete tests.	None

2.2.3 Deprecated

2.2.3.1 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

2.2.3.2 Unexecuted

Test Module	Tests	Reason	Impact
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_FSMonitorSnapshot.1 Camera_FSMonitorMovie.1 	Incorrect test framework configuration. Feature is unsupported.	None	Low
OEM-Configurable Variables and Interfaces	<ul style="list-style-type: none"> Device_MMCNtfy.1 	Incorrect test framework configuration. Device Pack issue. Feature unverified.	Applications may not take appropriate action when MMCs are inserted or removed	Medium
	<ul style="list-style-type: none"> Device_SSRegression.2 		BREW Screen Saver functionality may not be available	Low
	<ul style="list-style-type: none"> Device_NativeCamera.1 	Picture is not saved in the location specified	BREW applications may not have access to picture taken with the native camera application	Medium
Human Interface Device	<ul style="list-style-type: none"> HID_KeyBoardKeyTests.35 HID_KeyBoardKeyTests.37 HID_KeyBoardKeyTests.39 	Invalid key events occurred on key presses	HID keyboard will not be fully functional	Low
Position Determination	<ul style="list-style-type: none"> PostDet_SetConfig.5 PostDet_SetConfig.6 	Incorrect test framework configuration. Test issue. Feature unverified.	Applications may not be able to do back-to-back position fixes	Low

Issue Severity	High	Medium	Low	Total
Totals	0	4	2	6

2.2.4.2 Unexecuted

Test Module	Tests	Reason	Impact
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_lautolInstall (1)			
jams_linstall (82)			
jams_Sanity (6)			
jams_Smoke (3)			

2.2.6 Media

2.2.6.1 Failures

Feature	Tests	Issue	Impact	Severity
Headset	<ul style="list-style-type: none"> MediaDevice_Beep_ISoundDevices.Mono_Headset MediaDevice_MonoAudioFiles.Mono_Headset MediaDevice_PlayFile_ISoundDevices.Mono_Headset MediaDevice_RecordADPCMFile_ISoundDevices.Mono_Headset MediaDevice_RecordQCPFile_ISoundDevices.Mono_Headset 	Incorrect test framework configuration. Feature unsupported.	None	Low
	<ul style="list-style-type: none"> MediaDevice_RecordADPCMFile_ISoundDevices.Stereo_Headset Sound_SetDevice.3 	Unable to set stereo headset	Stereo headset may intermittently work	Medium
	<ul style="list-style-type: none"> MediaDevice_Beep_ISoundDevices.Stereo_Bluetooth_Headset MediaDevice_MonoAudioFiles.Stereo_Bluetooth_Headset MediaDevice_PlayFile_IMediaDevices.Stereo_Bluetooth_Headset MediaDevice_PlayFile_ISoundDevices.Stereo_Bluetooth_Headset MediaDevice_RecordADPCMFile_ISoundDevices.Stereo_Bluetooth_Headset MediaDevice_RecordQCPFile_ISoundDevices.Stereo_Bluetooth_Headset MediaDevice_StereoAudioFiles_Stereo_Bluetooth_Headset 	Incorrect test framework configuration. Feature unsupported.	None	Low
3D Audio	<ul style="list-style-type: none"> 3DAudio_FXAudioGetParamReverbGain.1 3DAudio_FXAudioSetParamReverbGain.1 	Platform issue. Feature unverified.	Applications may not be able to get and set sound source reverb volume parameter	Low

Issue Severity	High	Medium	Low	Total
Totals	0	1	3	4

2.2.6.2 Unexecuted

Test Module	Tests	Reason	Impact
None	None	N/A	N/A

2.2.7 Networking

2.2.7.1 Failures

Feature	Tests	Issue	Impact	Severity
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"> • Socket_Accept.3 • Socket_Close.3 • Socket_Shutdown.5 • Socket_Stress.3 			Medium

Issue Severity	High	Medium	Low	Total
Totals	0	2	0	2

2.2.7.2 Unexecuted

Test Module	Tests	Reason	Impact
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	None	N/A	N/A

2.2.9 Security

2.2.9.1 Failures

Feature	Tests	Issue	Impact	Severity
Test Root	<ul style="list-style-type: none"> CTFTestRootExistence_TestRootExistenceTest 	Test root is present on device	Device build should not be released with test root	High

Issue Severity	High	Medium	Low	Total
Totals	1	0	0	1

2.2.9.2 Unexecuted

Test Module	Tests	Reason	Impact
None	None	N/A	N/A

2.2.10 System

2.2.10.1 Failures

Feature	Tests	Issue	Impact	Severity
Background Applications	<ul style="list-style-type: none"> Background_LaunchDuringVoice.1 	Getting DNS network error 534. Feature unverified.	Simultaneous voice and data may not be possible	High
	<ul style="list-style-type: none"> Background_PowerUp.1 		Applications may not start when device powers up or make a data call on power up	Medium
	<ul style="list-style-type: none"> Background_PowerDown.1 	Background app does not receive EVT_EXIT	Background applications are not notified of power down	Medium
IP Hostname Resolution	<ul style="list-style-type: none"> AddrInfo_AsyncResolve.4..8 	Incorrect test framework configuration. Device pack issue. Feature unsupported.	None	Low
Out of Coverage	<ul style="list-style-type: none"> OutOfCoverage_OOC.2 OutOfCoverage_OOC.3 OutOfCoverage_OOC.4 OutOfCoverage_OOC.5 	Getting connection error 554. Feature unverified.	Applications rely on network may behave unexpectedly in an out-of-coverage network	Low

Issue Severity	High	Medium	Low	Total
Totals	1	2	2	5

2.2.10.2 Unexecuted

Test Module	Tests	Reason	Impact
OutOfCoverage	<ul style="list-style-type: none"> Coverage 	Incorrect test framework configuration. Network error. Feature unverified.	Applications rely on network may behave unexpectedly in an out-of-coverage network

2.2.11 TAPI

2.2.11.1 Failures

Feature	Tests	Issue	Impact	Severity
Tapi	<ul style="list-style-type: none"> UMTS_MPDP2.3 	Incorrect test framework configuration. Test issue. Feature unverified.	No impact to 3 rd party Brew applications. 3 rd party Brew applications do not rely on PDP context settings.	Low

Issue Severity	High	Medium	Low	Total
Totals	0	0	1	1

2.2.11.2 Unexecuted

Test Module	Tests	Reason	Impact
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_SwitchTo.1 	Cannot reconnect after call is placed on hold. Under investigation. Feature unverified.	Users may not be able to reconnect calls after being placed on hold	High
	<ul style="list-style-type: none"> Telephone_SetWLANPreference.1 	Incorrect test framework configuration. Test Issue. Feature unverified.	Applications may not be able to set WLAN preferences	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

2.2.13 UI

2.2.13.1 Failures

Feature	Tests	Issue	Impact	Severity
Bitmap FX	<ul style="list-style-type: none"> BitmapFX_Effect.12..15 BitmapFX_SetHue.4 BitmapFX_SetIntensity3..6 	Cannot set hue, intensity and special effects	Not all types of special effects will be available	Low

Issue Severity	High	Medium	Low	Total
Totals	0	0	1	1

2.2.13.2 Unexecuted

Test Module	Tests	Reason	Impact
WidgetsTC (1)	<ul style="list-style-type: none"> Multitouch 	Incorrect test framework configuration. Feature unsupported.	None