



Brew MP Test Validation Report
QSC6695 2.0 1.0.3.823

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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 QSC6695 2.0 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](#).

Section 2 Brew MP Validation Results

2.1 Brew MP QSC6695 Results Summary

2.1.1 Validation Environment Summary

Environment Attribute	Attribute Data
PVS Version	1.0.3.823 PRO
Test Studio Version	5.11.2.133
Brew MP Version	1.0.3.823
Device Build Version	Q6195ASCTUUD209716T

2.1.2 Brew MP Validation Test Summary

Results Categories	Results Summary Data
Test Module Count	209
Test Modules Executed	188
Total Tests Passed	9416
Total Tests Failed	219
Total Features Unsupported	1582
Total Tests Unexecuted	1137
Date of Execution	Fri Apr 8 2011

2.1.3 Validation Issues Severity Summary

Issue Severity	High	Medium	Low	Unknown	Total
Totals	5	15	7	0	27

2.2 Brew MP Validation Issues Breakdown by Family

2.2.1 Connectivity

2.2.1.1 Failures

Feature	Tests	Issue	Impact	Severity
WLAN Settings	<ul style="list-style-type: none"> Ctfwlansettings_ActiveMaxChannelTime Ctfwlansettings_FragThreshold Ctfwlansettings_ListenInterval Ctfwlansettings_MaxTXPower Ctfwlansettings_PreambleType Ctfwlansettings_RSSIThresholdAssoc Ctfwlansettings_RTSThreshold Ctfwlansettings_VCCRSSIThreshold Ctfwlansettings_VCCUIMMacLossThreshold 	Platform issue.	Applications may not be able to use the wlan_AEEClassid_Settings class with Interface ISettings.	Medium

Issue Severity	High	Medium	Low	Unknown	Total
Totals	0	1	0	0	1

2.2.1.2 Unexecuted

Test Module	Tests	Reason	Impact
Conmgrtest (14)	All	Tests requiring setup not executed for RP-A. Feature unverified.	Unknown
Ctffmradioirx (20)	All	Tests requiring setup not executed for RP-A. Feature unverified.	Unknown
Ctffmradioitx (14)	All	Tests requiring setup not executed for RP-A. Feature unverified.	Unknown
Ctffmrds (18)	All	Tests requiring setup not executed for RP-A. Feature unverified.	Unknown
oatfmradiolRx (4)	All	Tests requiring setup not executed for RP-A. Feature unverified.	Unknown
oatfmradiolTx (9)	All	Tests requiring setup not executed for RP-A. Feature unverified.	Unknown
OATBTClient (160)	All	Tests requiring setup not executed for RP-A. Feature unverified.	Unknown
OATBTServer (20)	All	Tests requiring setup not executed for RP-A. Feature unverified.	Unknown
WiFi (12)	All	Tests requiring setup not executed for RP-A. Feature unverified.	Unknown

2.2.2 Databases

2.2.2.1 Failures

Feature	Tests	Issue	Impact	Severity
SIM Card	<ul style="list-style-type: none"> Ctfadntest_All 	Crash.	Icontacts data cannot be read from or written to RUIM card.	High

Issue Severity	High	Medium	Low	Unknown	Total
Totals	1	0	0	0	1

2.2.2.2 Unexecuted

Feature	Tests	Reason	Impact
Contacts Managemen (30)	<ul style="list-style-type: none"> PIMCalendarStoreInt (6 interactive) PIMCallHistoryInt (6 interactive) PIMContactsInt (12 Interactive) PIMMessageStoreInt (6 interactive) 	Interactive tests not executed for RP-A	Unknown

2.2.3 Deprecated

2.2.3.1 Failures

Feature	Tests	Issue	Impact	Severity
None				

Issue Severity	High	Medium	Low	Unknown	Total
Totals	0	0	0	0	0

2.2.3.2 Unexecuted

Test Module	Tests	Reason	Impact
AddrBook (2)	All interactive	Interactive tests not executed for RP-A.	Unknown
CallHistory (5)	All interactive	Interactive tests not executed for RP-A.	Unknown
FMRadio (7)	All	Tests requiring setup not executed for RP-A.	Unknown
FMRDS (4)	All	Tests requiring setup not executed for RP-A.	Unknown
TAPI1 (15)	All interactive	Interactive tests not executed for RP-A.	Unknown
Text (9)	All interactive	Interactive tests not executed for RP-A.	Unknown

USBDriver (24)	All	Tests requiring setup not executed for RP-A.	Unknown
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2.2.4 Hardware

2.2.4.1 Failures

Feature	Tests	Issue	Impact	Severity
Camera	<ul style="list-style-type: none"> Camera1_FSMonitorSnapshot Camera1_FSMonitorMovie 	Platform issue.	Files may be overwritten.	Medium
Keypad	<ul style="list-style-type: none"> Ctfkeysconfigtest (all) Ctfkeysmappingtest (all) 	Incorrect test framework configuration. Test issue. Feature unsupported.	None	Low
OEM-Configurable Variables and Interfaces	<ul style="list-style-type: none"> Device_GetConfig_MJB Device_SetConfig_MJB 	Incorrect test framework configuration. Test issue. Feature unverified.	Applications may not be able to set or retrieve provisioning information from CFGI_MMS_ICP.	Medium
	<ul style="list-style-type: none"> Device_GetConfigComplex.4 	Incorrect test framework configuration. Test issue. Feature unverified.	May adversely affect IDownload functionality and/or billing for service.	High
	<ul style="list-style-type: none"> Device_GetDeviceInfoExComplex 	Incorrect test framework configuration. Test issue. Feature unverified.	Applications may not have access to pictures taken with the native camera application	Low
Position Determination	<ul style="list-style-type: none"> GPSXtraInjectData1_FromEFS 	Incorrect test framework configuration. Test issue. Feature unverified.	The pd_IXTRA_InjectData, pd_IXTRA_GetStatusInfo interfaces may not work correctly.	Low
	<ul style="list-style-type: none"> PDPPrivTest_SetCDMAMPCAddress PDPPrivTest_SetCDMAPDEAddress PDPPrivTest_SetEngineLock PDPPrivTest_SetUNTSSLPAddress 	Incorrect test framework configuration. Test issue. Feature unverified.	Applications without the sufficient privilege will be able to alter the CDMA MPC, PDE and UMTSSLP address values or set the engine lock.	High

Issue Severity	High	Medium	Low	Unknown	Total
Totals	2	2	3	0	7

2.2.4.2 Unexecuted

Test Module	Tests	Reason	Impact
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Battery (2)	All interactive	Interactive tests not executed for RP-A.	Unknown
Camera (6)	Camera1 interactive	Interactive tests not executed for RP-A.	Unknown
Device (25)	All interactive	Interactive tests not executed for RP-A.	Unknown
Flip (8)	All	Interactive tests not executed for RP-A.	Unknown
FormFactor (17)	All	Interactive tests not executed for RP-A.	Unknown
GPSXtra (2)	InjectData2_FromEFS SimpleInjectData	Incorrect test framework configuration. Test issue. Feature unverified.	Applications may not be able to use the XTRA interface.
HID (12)	All interactive	Interactive tests not executed for RP-A.	Unknown
Jogdial (2)	All	Interactive tests not executed for RP-A.	Unknown
Key (10)	All interactive	Interactive tests not executed for RP-A.	Unknown
PointerIA (4)	All interactive	Interactive tests not executed for RP-A.	Unknown
USBDevice (22)	All	Test requiring setup not executed for RP-A.	Unknown

2.2.5 Languages

2.2.5.1 Failures

Feature	Test	Issue	Impact	Severity
None				

Issue Severity	High	Medium	Low		Total
Totals	0	0	0	0	0

2.2.5.2 Unexecuted

Test Module	Test	Reason	Impact
OATJams_lapp (82)	• All	Incorrect test framework configuration. Feature manually verified.	Lua applications may not execute.
OATJams_lappControl (89)	• All	Incorrect test framework configuration. Feature unsupported.	None
OATJams_lappJSR229 (15)	• All	Incorrect test framework configuration. Feature unsupported.	None
OATJams_lappSession (49)	• All	Incorrect test framework configuration. Feature unsupported.	None

OATJams_lappSessionJ SR82 (5)	<ul style="list-style-type: none"> All 	Incorrect test framework configuration. Feature unsupported.	None
OATJams_AutoInstall (1)	<ul style="list-style-type: none"> All 	Incorrect test framework configuration. Feature unsupported.	None
OATJams_linstall (82)	<ul style="list-style-type: none"> All 	Incorrect test framework configuration. Feature unsupported.	None
OATJams_Sanity (6)	<ul style="list-style-type: none"> All 	Incorrect test framework configuration. Feature unsupported.	None
OATJams_Smoke (3)	<ul style="list-style-type: none"> All 	Incorrect test framework configuration. Feature unsupported.	None

2.2.6 Media

2.2.6.1 Failures

Feature	Tests	Issue	Impact	Severity
MediaFileSystem Monitor	<ul style="list-style-type: none"> Media_FSMonitorRecordMedia.1 	FSMonitor not supported on device. Feature unverified.	Application cannot monitor file creation using lmedia_Record. Files may be overwritten.	Medium
Multimedia	<ul style="list-style-type: none"> MediaXMF_GetTotaltime <1_rhy0_ad_bc_xmf> MediaXMF_PlayBufFull <1_rhy0_ad_bc_xmf> MediaXMF_PlayBufFull <1_rhy1_ad_bm_xmf> MediaXMF_PlayFileFull <1_rhy1_ad_bm_xmf> 	Platform issue.	Files of specified types may not play or play may abort.	Low

Issue Severity	High	Medium	Low		Total
Totals	0	1	1	0	2

2.2.6.2 Unexecuted

Test Module	Tests	Reason	Impact
Multimedia (2)	<ul style="list-style-type: none"> All interactive. 	Interactive tests not executed for RP-A.	Unknown
MediaDevice (3)	<ul style="list-style-type: none"> All interactive. 	Interactive tests not executed for RP-A.	Unknown
MediaSVG (42)	<ul style="list-style-type: none"> All interactive. 	Interactive tests not executed for RP-A.	Unknown
MediaVideo (2)	<ul style="list-style-type: none"> All interactive. 	Interactive tests not executed for RP-A.	Unknown
OMADRM (24)	<ul style="list-style-type: none"> DrawDCF VerifyDisplayCount 	Incorrect test framework configuration. Test issue. Feature unverified.	Potential infringement of rights.

	<ul style="list-style-type: none"> • VerifyDisplayRightsEndTime • VerifyDisplayRightsExpreEndTime • VerifyDisplayRightsExpiredInterval • VerifyDisplayRightsInterval • VerifyDisplayRightsStartTime • VerifyExpiredDisplayCount • VerifyExpiredPlayCount • VerifyLicenseValidity • VerifyPlayCount • VerifyPlayCountZero • VerifyPlayRightsEndTime • VerifyPlayRightsExpiredEndTime • VerifyPlayRightsExpiredInterval • VerifyPlayRightsExpiredStartTime • VerifyPRetrieveRightsConstraintCount • VerifyRetrieveRightsConstraintInterval • VerifyRetrieveRightsConstraintTime • VerifyRightsChangeNotificationExpired • VerifyRightsChangeNotificationSoonToExpire 		
Ringer (3)	<ul style="list-style-type: none"> • All interactive 	Interactive tests not executed for RP-A.	Unknown
Sound Devices (5)	<ul style="list-style-type: none"> • SetDevice.11, 18-21 	Sound devices not available for test.	Unknown
SVGDOM (8)	<ul style="list-style-type: none"> • All interactive 	Interactive tests not executed for RP-A.	Unknown
Vocoder (15)	<ul style="list-style-type: none"> • All interactive 	Interactive tests not executed for RP-A.	Unknown

2.2.7 Networking

2.2.7.1 Failures

Feature	Tests	Issue	Impact	Severity
DNS	<ul style="list-style-type: none"> • DNS_CloseNetwork.1 	Platform issue.	Network cannot be closed.	Medium
Networking	<ul style="list-style-type: none"> • NetMgr_GetHostByName • NetMgr_GetLastNetDownReason • NetMgr_GetMyIPAddr • NetMgr_NetStatus • NetMgr_NetworkClose • NetMgr_OnEvent • NetMgr_OpenSocket • NetMgr_SetLinger • NetMgr_SetMask 	Platform issue.	INetMgr functionality may not work as expected.	Medium
Network	<ul style="list-style-type: none"> • All except: • IPv4_Runtime • IPv4_AddRetryCB • IPv4_SetDormancyTimeout 	Platform issue.	INetwork functionality may not work as expected.	Medium
Proxy	<ul style="list-style-type: none"> • TunnelProxyKeepAlive 	Incorrect test framework configuration. Test issue.	Cannot keep tunnelled connection alive.	Medium

		Feature unverified.		
Socket Routines	<ul style="list-style-type: none"> Socket_Runtime.1-2 	Incorrect test framework configuration. Test issue. Feature unverified.	Failures are due to incorrect DPK settings. No impact	Low
Socket Port Number Routines	<ul style="list-style-type: none"> SockPort_Runtime.1-2 SockPort_Ipv4_GetOps.19 SockPort_Ipv4_RecbMsg.1-2 SockPort_Ipv4_SetOpt.20-21 	Incorrect test framework configuration. Test issue. Feature unverified.	Failures are due to incorrect DPK settings. No impact	Low

Issue Severity	High	Medium	Low	Unknown	Total
Totals	0	0	0	0	0

2.2.7.2 Unexecuted

Test Module	Test	Reason	Impact
NetMgr (1)	<ul style="list-style-type: none"> All interactive 	Interactive tests not executed for RP-A.	Unknown
NetWork (1)	<ul style="list-style-type: none"> All interactive 	Interactive tests not executed for RP-A.	Unknown

2.2.8 Performance

2.2.8.1 Failures

Feature	Tests	Issue	Impact	Severity
None				

Issue Severity	High	Medium	Low	Unknown	Total
Totals	0	0	0	0	0

2.2.8.2 Unexecuted

Test Module	Test	Reason	Impact
None			

2.2.9 Security

2.2.9.1 Failures

Feature	Tests	Issue	Impact	Severity
CTFTestRootExistence	<ul style="list-style-type: none"> CTFTestRootExistence_TestRootExistenceTest 	Expected to fail with internal CRM device build. Must pass on commercial device	None	Low

		build.		
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Issue Severity	High	Medium	Low	Unknown	Total
Totals	0	0	1	0	0

2.2.9.2 Unexecuted

Test Module	Test	Reason	Impact
None			

2.2.10 System

2.2.10.1 Failures

Feature	Tests	Issue	Impact	Severity
AddrInfo	<ul style="list-style-type: none"> AddrInfo_AsyncResolve.4-7 AddrInfo_SyncResolve.1 	Incorrect test framework configuration. Test issue. Feature unverified.	The IADDRINFO_StartQuery interface may not function properly.	Medium

Issue Severity	High	Medium	Low	Unknown	Total
Totals	0	0	0	0	0

2.2.10.2 Unexecuted

Test Module	Test	Reason	Impact
Background (15)	<ul style="list-style-type: none"> All interactive 	Interactive tests not executed for RP-A.	Unknown
StdLib (1)	<ul style="list-style-type: none"> All interactive 	Interactive tests not executed for RP-A.	Unknown
SysClock (1)	<ul style="list-style-type: none"> All interactive 	Interactive tests not executed for RP-A.	Unknown
Thread (9)	<ul style="list-style-type: none"> Thread_ ThreadExit Thread_ ThreadGetResumeCBK Thread_ ThreadHoldRsc Thread_ Threadjoin Thread_ ThreadMalloc Thread_ ThreadMisalignCheck Thread_ ThreadStart Thread_ ThreadStop Thread_ ThreadSuspend 	Incorrect test framework configuration. Test issue. Feature unverified.	Unknown

2.2.11 TAPI

2.2.11.1 Failures

Feature	Tests	Issue	Impact	Severity
None				

Issue Severity	High	Medium	Low	Unknown	Total
Totals	0	0	0	0	0

2.2.11.2 Unexecuted

Test Module	Test	Reason	Impact
None			

2.2.12 Telephony

2.2.12.1 Failures

Feature	Tests			
Smart Card	<ul style="list-style-type: none"> Ctfsmartcardiapplication_GetCPHSInfo Test Ctfsmartcardiapplication_GetPKCS15TableNonProvAppTest Ctfsmartcardiapplication_GetPKCS15TableRspNonProvAppTest 	Incorrect test framework configuration. Test issue. Feature unverified.	The smartcard_IApplication_GetCPHSInfo and smartcard_IApplication_GetPKCS15TableRsp interfaces may fail.	Medium
SMS	<ul style="list-style-type: none"> SMS_SRDEFERREDABSOLUTE_NoPayload SMS_DERREDRELATIVE_NoPayload 	Incorrect test framework configuration. DPK. Feature unverified.	Applications may not be able to send messages with specified configurations.	High
	<ul style="list-style-type: none"> SMS_SRUDHSMALLANIM_NoPayload SRUDHSPECIALSM0_NoPayload SRUDHSPECIALSIM_NoPayload 	Incorrect test framework configuration. DPK. Feature unverified.	Applications may not be able to send messages with specified configurations.	Medium
	<ul style="list-style-type: none"> ENUM_Default ENUMVTEMPLATE_Default 	Platform issue.	Applications may not be able to use SMS APIs.	Medium
	<ul style="list-style-type: none"> SR_GSM7BitAsGSM7Bit SRBD_GSM7BitAsGSM7Bit 	Platform issue.	Applications may not be able to use SMS APIs.	High
	<ul style="list-style-type: none"> STRDNV_* STRDNVBD_* STRDNVBHD_* 	Platform issue.	Cannot use NV CDMA/NV GW as storage.	Medium
Telephone	<ul style="list-style-type: none"> Telephone_SetSubscriptionStatus 	Incorrect test framework configuration. Test issue. Feature unverified.	Subscription status cannot be changed	Medium
	<ul style="list-style-type: none"> Telephone_SetWLANPreference 	Incorrect test framework configuration. Test issue. Feature unverified.	WLAN preference can't be set.	Medium

Issue Severity	High	Medium	Low	Unknown	Total
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Totals	0	0	0	0	0
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2.2.12.2 Unexecuted

Test Module	Tests	Reason	Impact
Ctfsmartcardiapplication (1)	<ul style="list-style-type: none"> Ctfsmartcardiapplication_CreateDelay 	Incorrect test framework configuration. Test issue. Feature unsupported on target..	Low
Ctfsmartcardicard (2)	<ul style="list-style-type: none"> Ctfsmartcardicard_ICardPowerDown Ctfsmartcardicard_ICardPowerUp 	Incorrect test framework configuration. Test issue. Feature unsupported on target.	Low
Ctfsmartcardiperso (32)	<ul style="list-style-type: none"> All 	Test requiring setup not executed for RP-A.	Unknown
Ctfsmartcardipin (25)	<ul style="list-style-type: none"> All 	Test requiring setup not executed for RP-A.	Unknown
Ctfsmartcardirefresh (8)	<ul style="list-style-type: none"> All 	Test requiring setup not executed for RP-A.	Unknown
Ctfsmartcardislots (1)	<ul style="list-style-type: none"> Ctfsmartcardislots_CreateDelay 	Incorrect test framework configuration. Test issue. Feature unsupported on target.	Low
SMS (1)	<ul style="list-style-type: none"> STRUPDATESTATUS_REP ORT_Default 	Incorrect test framework configuration.	Low
Telephone (11)	<ul style="list-style-type: none"> All interactive tests 	Interactive tests not executed for RP-A	Unknown

2.2.13 UI

2.2.13.1 Failures

Feature	Tests	Issue	Impact	Severity
None				

Issue Severity	High	Medium	Low	Unknown	Total
Totals	0	0	0	0	0

2.2.13.2 Unexecuted

Test Module	Test	Reason	Impact
DispRot (5)	All interactive	Interactive tests not executed for RP-A.	Unknown
GLS (3)	All interactive	Interactive tests not executed for RP-A.	Unknown