



**Brew MP Validation Application  
Shop Report**

**Kyocera E4520 : 0.461VZ**

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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 describes the device's ability to operate with Qualcomm's Application Shop. The tests are broken down into two main sections:

- **Device Support Analysis:** The tests included in this section test the basic functionality of a device and its ability to connect to an application server. They are run to ensure that the software build can be properly flashed onto the device using the Tools/instructions provided by the OEM to support the developer ecosystem.
- **Client Support Analysis:** These tests include the BAMDALI tests which ensure that the device has the proper APIs and settings to allow content to be properly downloaded and run.

### 1.1 General Device Information

Device Information	
Device Name	Kyocera E4520
Device Build Version	0.461VZ
Platform ID	5249
Operator	Verizon
Brew MP Version	1.0.4.608
Submission Type	Brew MP Commercial Validation

## Section 2 Application Shop Test Results

### 2.1 Device Support Analysis Summary

Critical Test Cases		Non - Critical Test Cases	
Total <b>Passed</b>	25	Total <b>Passed</b>	3
Total <b>Failed</b>	0	Total <b>Failed</b>	0
Total N/A	6	Total N/A	2
Total Supported	0	Total Supported	0
Total Unsupported	0	Total Unsupported	0
Total Critical Test Cases	31	Total Non-Critical Test Cases	5

Device Support Analysis Result **PASS**

### 2.2 Client Support Analysis (BAMDALI Tests) Summary

Critical Test Cases		Non - Critical Test Cases	
Total <b>Passed</b>	54	Total <b>Passed</b>	12
Total <b>Failed</b>	0	Total <b>Failed</b>	1
Total N/A	0	Total N/A	0
Total Supported	0	Total Supported	13
Total Unsupported	0	Total Unsupported	13
Total Critical Test Cases	54	Total Non-Critical Test Cases	27

Client Support Analysis Results **PASS**

## Section 3 Device Support Analysis Results

	Test Case Name	Criteria	Critical?	Result	Issues
1	UI Firmware Ver	Able to find firmware version via the handset's UI?	No	PASS	Menu->Settings&Tools->Phone Info->SW/HW Version
2	Brew MP logo	Able to find the Brew MP logo where the Brew MP version exists?	Yes	PASS	Menu->Settings&Tools->Phone Info->SW/HW Version
3	Serial/USB Cable Support	Able to use serial cable / USB cable? Provide driver version number if USB cable supported.	Yes	PASS	
4	Able to upgrade firmware	Able to upgrade new firmware successfully. Please provide following details if applicable: - Downloader/PST version - DLL version if required - USB version - "mode" (ie, upgrade, emergency, normal, etc....) used to install the firmware	Yes	PASS	LOAD_E4520VZ Ver. 1.01
5	Find MEID/ESN/IMEI	Able to find MEID/ESN/IMEI on handset (i.e., battery-well) or through the UI? Provide instructions.	Yes	PASS	Menu->Settings&Tools->Phone Info->SW/HW Version
6	Able to edit NAM Settings	Able to edit NAM settings using OEM proprietary PST or native UI? Please provide details (i.e. PST version, hidden menu to edit NAM settings)	Yes	PASS	KCPST
7	Able to View/Edit GPS Settings	Are GPS settings viewable/editable through the native/hidden UI OR through S/W tool? - Provide key-strokes to access menu(s) if it through Native or Hidden UI - Provide S/W tool name and version # if it is through S/W tool	Yes	PASS	QPST
8	Voice Call Test	Handset must be able to send and receive voice call and hear voice in local network.	Yes	PASS	
9	1x Data Call Test	Able to make BREW-data calls (via: network app and to an ADS) on local network. Please provide detailed instructions on steps taken to do so.	Yes	PASS	

10	EVDO Data Call Test	Able to activate and consistently complete BREW-data calls on EVDO network (with HDR Mode only)? State service providers name.	Yes	PASS	
11	Mshop Storefront Test	Able to load Mshop storefront successfully. Mention Mshop version used and also SDK version if available.	Yes	N/A	
12	Mshop Catalog Test	Able to view the storefront properly. The storefront should fit into the handset screen. The size of the storefront in handset UI should not exceed the handset screen.	Yes	N/A	
13	Plaza Retail Store-front Test	Able to connect to Plaza Retail Storefront and download app. Please provide the details.	Yes	PASS	
14	Able to View/Edit BREW Settings	Able to view/edit the BREW settings using OEM proprietary PST or through handset's UI? (i.e. PST version, hidden menu to edit BREW settings)	Yes	PASS	KCPST
15	OTA Downloaded App Test	<ul style="list-style-type: none"> <li>- The handset is able to hit the ADS (OEM Demo) and download the application.</li> <li>- Run the application directly after downloading when UI prompts to run the application.</li> <li>- Able to view and run the application from App Manager after exit to home screen.</li> <li>- Powercycle the handset.</li> <li>- Run the same application from App Manager.</li> </ul>	Yes	PASS	
16	Remove OTA Downloaded App Test	<ul style="list-style-type: none"> <li>- Delete the application from the catalog</li> <li>- Powercycle the handset.</li> <li>- View if the application is deleted from the catalog.</li> </ul>	Yes	PASS	
17	Maxfilecnt Test	<ul style="list-style-type: none"> <li>- Using BREW AppLoader, cable load the application into the EFS.</li> <li>- Run the application from handset BAM to test the handset behavior when the handset's EFS is full.</li> </ul> <p>Mobile Shop accessible: Handset brick:</p>	Yes	PASS	

		Able to delete the application again from EFS using Brew AppLoader?			
18	GPS/LBS App Test	<p>- Using BREW AppLoader, cable load the "samplepostdet" application into the EFS.</p> <p>- Run the application from handset BAM to get location coordinates.</p> <p>Able to delete the application again from EFS using Brew AppLoader?</p> <p>&lt;provide name &amp; version of app&gt;</p>	Yes	PASS	
19	Voice & SMS Interrupt Test	<p>While BAM is downloading a BREW application, interrupt the download process by incoming voice call and SMS.</p> <p>RESULT: No adverse effect observed like handset freezing or powercycling.</p> <p>As per certain OEM implementations, voice call may not reach device but to voicemail. Also, SMS should be received and either show visual alert OR annunciator shows the icon of received SMS.</p>	Yes	PASS	
20	Disable & Restore Application	<p>Using disable tool to try to disable non-QC application by selecting the application from disable application menu.</p> <p>RESULT: Selected application can be disabled successfully.</p> <p>Select the disabled application icon from BREW menu to restore.</p> <p>RESULT: Application after disable, device EFS should show MOD, BAR, and SIG files and application should restore successfully.</p>	Yes	N/A	
		Check the supported languages in handset menu. Set the listed languages individually			



21	Handset Supported Language	and verify language on OEM interface changes to selected language.  RESULT: Changing language in handset should change the language in OEM UI.	Yes	PASS	
22	Application Recall	Open the application recall link and input the QC ID of the applications to recall. After recall, browse to BREW menu and try accessing catalog. A prompt should show, "Application has been recalled" and the icon should disappear from BREW menu.  RESULT: Application after being recalled should show a prompt confirming the same and should disappear from BREW menu and no files in device EFS.	Yes	PASS	
23	Usage-Based App Test	Able to download usage-based app? - Start app - Decrement the uses to zero - Successfully restart app  OR  Cable-load the pre-install usage-based app? - Start app - Decrement the uses to zero - Successfully restart app	Yes	PASS	
24	BREW Wrapped Java App Test (OTA Download, Startup, Delete)	- Download Wrapped Java App from Server and install it. - Ensure the Wrapped Java installation process does not exhibit adverse impact on device. - After installation, launch the downloaded app by selecting "Launch the Application." - Application should launch properly without any impact on device. - Ensure that application is visible under App. Manager or Java menu (if applicable) and can be launched again. - Check application can be deleted from	No	N/A	

		App. Manager or Java menu (if applicable).			
		Note : This test is applicable only for ATT devices.			
25	Cable load native Java application and document procedure	<ul style="list-style-type: none"> <li>- Using Loader, cable load java application into handset EFS.</li> <li>- Document the steps to load the .jad &amp; .jar file into the device EFS to test java application.</li> <li>- Able to view and run the application.</li> <li>- Document the path from where the Java application is able to run in handset UI.</li> <li>- Inform <a href="#">rr.pm</a> if there is any issue w.r.t testing java application.</li> </ul> <p>Note: This test case is applicable only for AT&amp;T devices. This test case is only for documenting the procedure for Developer reference and it does not pass/fail the DSA.</p>	No	N/A	
26	Side Load BAM for AVB Testing	<ul style="list-style-type: none"> <li>- Side load BAM (3.x/5.x) to its corresponding storefront device.</li> <li>- OTA download application from Jinro ADS.</li> <li>- Able to view and run the application.</li> </ul> <p>Note: This test case is applicable only for Storefront devices. This test case is performed for AVB application testing.</p>	No	PASS	
27	Validation of DPK values	<ol style="list-style-type: none"> <li>1. Verify the shopping Client version (BAM/MShop/Storefront/Appcenter) in handset UI.</li> <li>- If the version in Handset UI is different from the version in PID information, update the new version in PID information.</li> <li>- (OR) Inform RR PM to update.</li> <li>- Run device profiler tool to validate the screensize in SF PID details and update if it is incorrect.</li> <li>2. Verify Heap size of the device.</li> </ol>	No	PASS	

		3. Verify EFS size of the device. 4. Verify supported wallpaper formats.			
28	QCS Supported	Able to OTA download QCS signed app, execute app before and after power-cycle?	Yes	PASS	
29	ITextControl	To ensure text can be properly entered into the text control. It confirms the proper implementation of ITextCtl interface.  Pass: Text can be properly entered using keypad  Fail: Unable to enter text	Yes	PASS	
30	IKeymapping	To ensure combination with modifier keys is leading to desired outcome (as printed on keys) using application for all the QWERTY devices.  Pass: Combination of keys displays correct output.	Yes	N/A	
31	MCF Directory Support	To ensure all wallpaper supported formats available in MCF directory can be previewed and set as wallpapers through OEM UI irrespective of Locked or Unlocked directories.  Pass: Sample app copied wallpapers are saved as "picture_lock_dir" in Locked directory and "Picture_dir " in unlocked directory.	Yes	PASS	
		Able to get and set wallpaper settings using Iwallpaper?  1. Cable load the sample wallpapers of all the formats that the device is supposed to support as per the DPK in the folder f <a href="#">s:\mod\10888(unlocked)</a> as well as f <a href="#">s:\mod\19919</a> (locked) 2. Launch the "Wallpaperpicker" sample application on the device.  3. Check if the already set OEM screen			

32	IWallpaper function verification	<p>wallpaper is displayed within the application.</p> <p>Pass: The application should fetch the path of the picture which currently is the wallpaper on the OEM screen. The path is logged in the "log.txt" file which is generated in the folder of the application in the EFS (this can be viewed by loader in the location <a href="#">fs:\mod\wallpaperpicker</a>). Ideally the path should be in the MCF directory of the device i.e., <a href="#">fs:\mod\10888</a>. If the displayed image is broken, then the device did not retrieve the wallpaper properly.</p> <p>4. Select each supported format by pressing "Set Wallpaper" and preview by using " Preview settings" button within the app.</p> <p>Pass: If wallpaer can be seen in preview settings.</p> <p>5. Check if the set wallpaper in step 4 is displayed as main wallpaper on the OEM screen.</p> <p>Pass: If application set wallpaper could be displayed as main wallpaper.</p>	Yes	PASS	
33	Orientation Test	This test case reports current orientation mode (portrait/landscape) in addition to screen rotation. This is to ensure that the orientation is properly returned by device.	Yes	N/A	
34	Virtual Keypad test	<p>To confirm whether device supports input in the textbox using virtual keypad.</p> <p>Pass: Alphanumeric text and symbols should be able to input virtual keypad.</p>	Yes	N/A	
		To verify successful launch of native browser from Brew/Brew MP.			

35	Native browser launch test	Pass: If the step 2 criteria are passed.	Yes	PASS	
36	Media Play with Events	To verify successful media play by producing key Event between media loading and play. Pass: If the step below criteria are passed. Select "Play MIDI" or "Play MP3" from main menu in order to generate event. Test is PASS if selected media is audible on event otherwise FAIL.	Yes	PASS	

## Section 4 Client Support Analysis Results (BAMDALI Tests)

### 4.1 Download

Test Section	Test Case Name	Criteria	Critical?	Result	Issues
InitTest	InitTest.1	Creates Idownload interface if BDS AppStore is present on device.	Yes	PASS	
UpgradePreinstallApp	UpgradePreinstallApp.1	Verifies if a pre-installed application can be successfully upgraded. The test installs an app, sets up an alarm for the device to wake up and does a hard reset of the device. After the test resumes it tries to upgrade the installed app.	Yes	PASS	
DeleteApp	DeleteApp.1	Verifies if application with IDS_OATDOWNLOAD_DLITEMID download item ID can be successfully downloaded and then deleted.	Yes	PASS	
DisableApp	DisableApp.1	Verifies if application with IDS_OATDOWNLOAD_DLITEMID download item ID can be successfully downloaded and then disabled.	Yes	PASS	
DLStatNoAnim	DLStatNoAnim.1	Downloads application with IDS_OATDOWNLOAD_DLITEMID download item ID with status bar update but without animation and measures following statistics: 1. App size 2. Data transferred 3. Application download initiation time 4. Application download time 5. Application download verification time 6. Total application download user experience time 7. Application download throughout 8. User experience throughout	No	PASS	
		Downloads application with IDS_OATDOWNLOAD_DLITEMID download item ID without any status bar update or animation and measures following statistics: 1. App size			

DLStatNoUI	DLStatNoUI.1	2. Data transferred 3. Application download initiation time 4. Application download time 5. Application download verification time 6. Total application download user experience time 7. Application download throughout 8. User experience throughout	No	PASS	
DLStatUI	DLStatUI.1	Downloads application with IDS_OATDOWNLOAD_DLITEMID download item ID with MobileShop download progress bar and animation and measures following statistics: 1. App size 2. Data transferred 3. Application download initiation time 4. Application download time 5. Application download verification time 6. Total application download user experience time 7. Application download throughout 8. User experience throughout	No	FAIL	
DownloadApp	DownloadApp.1	Verifies if application with IDS_OATDOWNLOAD_DLITEMID download item ID can be successfully downloaded.	Yes	PASS	
DownloadFotaFile	DownloadFotaFile.1	Verifies if file with DLI_FOTA download item ID can be successfully downloaded. The IDS_DD_SERVER_FOTA_SUPPORTED field in DDF should be set to Yes if the download server supports downloading of FOTA files. This test will be conducted only when IDS_DD_SERVER_FOTA_SUPPORTED is set to Yes.	No	UNSUPPORTED	Download FOTA file not supported
RecallApp	RecallApp.1	Verifies if application with IDS_OATDOWNLOAD_DLITEMID download item ID can be successfully downloaded and then recalled by sending SMS message.	Yes	PASS	
RestoreApp	RestoreApp.1	Verifies if application with IDS_OATDOWNLOAD_DLITEMID download item ID can be successfully downloaded, then	Yes	PASS	

		disabled and then restored.			
VerifyMMAp	VerifyMMAp.1	Verifies if multi module application specified with IDS_OATDOWNLOAD_MMDLITEMID download item ID can be successfully downloaded and gets all the required classes on the device.	Yes	PASS	

## 4.2 Download Device

Test Section	Test Case Name	Criteria	Critical?	Result	Issues
Set Config Wakeup	SetConfigWakeup.1	Calls to OEM_GetConfig() and OEM_SetConfig() to ensure that the settings can be written properly before and after the power cycle.	No	UNSUPPORTED	
GetConfigComplex	GetConfigComplex.1	Passes the CFGI_DOWNLOAD configuration parameter to OEM_GetConfig(). The return values written to the log file and used in later OEM_GetConfig() tests.	Yes	PASS	
GetConfigComplex	GetConfigComplex.2	Verifies dlInfo.szServer against the Device Pack.CFGI_DOWNLOAD - IDS_DD_BP_ADS_URL	Yes	PASS	
GetConfigComplex	GetConfigComplex.3	Verifies dlInfo.dwCarrierID against the Device Pack.CFGI_DOWNLOAD - IDS_DD_BP_CARR_ID	Yes	PASS	
GetConfigComplex	GetConfigComplex.4	Verifies dlInfo.bbKey against the Device Pack.CFGI_DOWNLOAD - IDS_DD_BP_BKEY	Yes	PASS	
GetConfigComplex	GetConfigComplex.5	Verifies dlInfo.nAuth against the Device Pack.CFGI_DOWNLOAD - IDS_DD_BP_AUTH_FLAG	Yes	PASS	
GetConfigComplex	GetConfigComplex.6	Verifies dlInfo.nPolicy against the Device Pack.CFGI_DOWNLOAD - IDS_DD_BP_APP_EXEC_PLCY	Yes	PASS	
GetConfigComplex	GetConfigComplex.7	Verifies dlInfo.wFlags against the Device Pack.CFGI_DOWNLOAD - IDS_DD_BP_ABKEY_SPECIFIER	Yes	PASS	
GetConfigComplex	GetConfigComplex.8	Verifies dlInfo.wFlags against the Device Pack.CFGI_DOWNLOAD - IDS_DD_BP_SID_MIN	Yes	PASS	
GetConfigComplex	GetConfigComplex.9	Verifies dlInfo.wFlags against the Device Pack.CFGI_DOWNLOAD - IDS_DD_BP_PREPAY	Yes	PASS	
GetConfigComplex	GetConfigComplex.10	Verifies dlInfo.wFlags against the Device Pack.CFGI_DOWNLOAD -	Yes	PASS	



		IDS_DD_BP_NO_AUTO_ACK			
GetConfigComplex	GetConfigComplex.11	Verifies dInfo.wFlags against the Device Pack.CFGI_DOWNLOAD - IDS_DD_BP_SID_ENCODE	Yes	PASS	
GetConfigComplex	GetConfigComplex.12	Verifies dInfo.wFlags against the Device Pack.CFGI_DOWNLOAD - IDS_DD_BP_SID_VALIDATE_ALL	Yes	PASS	
GetConfigComplex	GetConfigComplex.13	Verifies dInfo.wFlags against the Device Pack.CFGI_DOWNLOAD - IDS_DD_BP_RUIM_DEL_OVERRIDE	Yes	PASS	
GetConfigComplex	GetConfigComplex.14	Passes the CFGI_SUBSCRIBERID configuration parameter to OEM_GetConfig(). The return value is verified against the value specified in the Device Pack. CFGI_SUBSCRIBERID	No	PASS	
GetConfigComplex	GetConfigComplex.15	Passes the CFGI_SUBSCRIBERID_LEN configuration parameter to OEM_GetConfig(). The return value is verified against the value specified in the Device Pack. CFGI_SUBSCRIBERID_LEN	Yes	PASS	
GetConfigComplex	GetConfigComplex.16	Queries CFGI_DOWNLOAD_BUFFER using ICONFIG_GetItem(), which in turn uses OEM_GetConfig(), to determine the current Download Buffer size.CFGI_DOWNLOAD_BUFFER - IDS_DD_DOWNLOAD_BUFFER	No	UNSUPPORTED	
GetConfigComplex	GetConfigComplex.17	Queries CFGI_DOWNLOAD_FS_INFO using ICONFIG_GetItem(), which in turn uses OEM_GetConfig(), to determine the File system Available for Download.CFGI_DOWNLOAD_FS_INFO - IDS_DD_DOWNLOAD_FS_AVAIL	No	UNSUPPORTED	
GetConfigComplex	GetConfigComplex.18	Queries CFGI_OEMAUTH_CHALLENGE_CAP and using ICONFIG_GetItem(), These values are verified against the DPK Entry IDS_DD_OEMAUTH_CHALLENGE_CAP for correctness. Verification of CFGI_OEMAUTH_CHALLENGE_CAP - IDS_DD_OEMAUTH_CHALLENGE_CAP	No	PASS	
GetConfigComplex	GetConfigComplex.19	Queries CFGI_OEMAUTH_CHALLENGE_RESPONSE_LEN and using ICONFIG_GetItem(), These values are verified against the DPK Entry IDS_DD_OEMAUTH_CHALLENGE_RESPONSE_LEN for correctness. Verification of CFGI_OEMAUTH_CHALLENGE_RESPONSE_LEN - IDS_DD_OEMAUTH_CHALLENGE_RESPONSE_LEN	No	PASS	

GetConfigComplex	GetConfigComplex.20	Queries CFGI_LAZY_ACK and using ICONFIG_GetItem(), These values are verified against the DPK Entry IDS_DD_LAZY_ACK for correctness. Verification of CFGI_LAZY_ACK - IDS_DD_LAZY_ACK	Yes	PASS	
GetConfigComplex	GetConfigComplex.21	Queries CFGI_RMC_POLICY and using ICONFIG_GetItem(), These values are verified against the DPK Entry IDS_DD_RMC_POLICY for correctness. Verification of CFGI_RMC_POLICY – IDS_DD_RMC_POLICY	Yes	PASS	
SetConfig	SetConfig.1	Calls OEM_GetConfig() and OEM_SetConfig() to ensure that the settings can be read/written properly. SetConfig verify	No	PASS	
SetConfig	SetConfig.2	Calls OEM_GetConfig() and OEM_SetConfig() to ensure that the PDP Profile ID setting can be read/written properly and that its value matches the device pack (IDS_DD_PDP_ID). SetConfig verify	No	SUPPORTED	
SetConfig	SetConfig.3	Calls OEM_GetConfig() and OEM_SetConfig() to ensure that the Download Proxy Address setting can be read/written properly and that its value matches the device pack (IDS_DD_PROXY). SetConfig verify	No	UNSUPPORTED	
SetConfig	SetConfig.4	Calls OEM_GetConfig() and OEM_SetConfig() to ensure that the Download Proxy Credential setting can be read/written properly and that its value matches the device pack (IDS_DD_PROXYAUTH). SetConfig verify	No	UNSUPPORTED	
SetConfigEvent	SetConfigEvent.1	Sets CFGI_DOWNLOAD and verifies that notification and model events are sent for successful ICONFIG_SetItem(CFGI_DOWNLOAD). Verify that notification and model events are sent on a successful ICONFIG_SetItem().	No	PASS	

### 4.3 Download Settings

Test Section	Test Case Name	Criteria	Critical?	Result	Issues
SetConfigWakeup	SetConfigWakeup.1	Calls to OEM_GetConfig() and OEM_SetConfig() to ensure that the settings can be written properly before and after the power cycle. SetConfig CFGI_DOWNLOAD	No	UNSUPPORTED	
SetConfigWakeup	SetConfigWakeup.2	Calls to OEM_SetConfig() to ensure that the settings can be read/written properly after the device has been	No	UNSUPPORTED	

		power cycled. SetConfig CFGI_SUBSCRIBERID			
SetConfigWakeup	SetConfigWakeup.3	Calls to OEM_GetConfig() and OEM_SetConfig() to ensure that the settings can be written properly before and after the power cycle. SetConfig CFGI_DOWNLOAD	No	UNSUPPORTED	
SetConfigWakeup	SetConfigWakeup.4	Calls to OEM_SetConfig() to ensure that the settings can be read/written properly after the device has been power cycled. SetConfig CFGI_SUBSCRIBERID	No	UNSUPPORTED	
GetConfigDownload	GetConfigDownload.1	Passes the CFGI_DOWNLOAD configuration parameter to OEM_GetConfig(). The return values written to the log file and used in later OEM_GetConfig() tests.	Yes	PASS	
GetConfigDownload	GetConfigDownload.2	Verifies dInfo.szServer against the Device Pack. CFGI_DOWNLOAD - IDS_DD_BP_ADS_URL	Yes	PASS	
GetConfigDownload	GetConfigDownload.3	Verifies dInfo.dwCarrierID against the Device Pack. CFGI_DOWNLOAD - IDS_DD_BP_CARR_ID	Yes	PASS	
GetConfigDownload	GetConfigDownload.4	Verifies dInfo.bBKey against the Device Pack. CFGI_DOWNLOAD - IDS_DD_BP_BKEY	Yes	PASS	
GetConfigDownload	GetConfigDownload.5	Verifies dInfo.nAuth against the Device Pack. CFGI_DOWNLOAD - IDS_DD_BP_AUTH_FLAG	Yes	PASS	
GetConfigDownload	GetConfigDownload.6	Verifies dInfo.nPolicy against the Device Pack. CFGI_DOWNLOAD - IDS_DD_BP_APP_EXEC_PLCY	Yes	PASS	
GetConfigDownload	GetConfigDownload.7	Verifies dInfo.wFlags against the Device Pack. CFGI_DOWNLOAD - IDS_DD_BP_ABKEY_SPECIFIER	Yes	PASS	
GetConfigDownload	GetConfigDownload.8	Verifies dInfo.wFlags against the Device Pack. CFGI_DOWNLOAD - IDS_DD_BP_SID_MIN	Yes	PASS	
GetConfigDownload	GetConfigDownload.9	Verifies dInfo.wFlags against the Device Pack. CFGI_DOWNLOAD - IDS_DD_BP_PREPAY	Yes	PASS	
GetConfigDownload	GetConfigDownload.10	Verifies dInfo.wFlags against the Device Pack. CFGI_DOWNLOAD - IDS_DD_BP_NO_AUTO_ACK	Yes	PASS	
GetConfigDownload	GetConfigDownload.11	Verifies dInfo.wFlags against the Device Pack. CFGI_DOWNLOAD - IDS_DD_BP_SID_ENCODE	Yes	PASS	
GetConfigDownload	GetConfigDownload.12	Verifies dInfo.wFlags against the Device Pack. CFGI_DOWNLOAD - IDS_DD_BP_SID_VALIDATE_ALL	Yes	PASS	
GetConfigDownload	GetConfigDownload.13	Verifies dInfo.wFlags against the Device Pack. CFGI_DOWNLOAD - IDS_DD_BP_RUIM_DEL_OVERRIDE	Yes	PASS	
		Queries CFGI_LAZY_ACK and using ICONFIG_GetItem(), These values are verified against			

GetConfigLazyACK	GetConfigLazyACK.1	the DPK Entry IDS_DD_LAZY_ACK for correctness. Verification of CFGI_LAZY_ACK - IDS_DD_LAZY_ACK	Yes	PASS	
GetConfigOemAuthCap	GetConfigOemAuthCap.1	Queries CFGI_OEMAUTH_CHALLENGE_CAP and using ICONFIG_GetItem(), These values are verified against the DPK Entry IDS_DD_OEMAUTH_CHALLENGE_CAP for correctness. Verification of CFGI_OEMAUTH_CHALLENGE_CAP -	Yes	PASS	
GetConfigOemAuthCRLen	GetConfigOemAuthCRLen.1	Queries CFGI_OEMAUTH_CHALLENGE_RESPONSE_LEN and using ICONFIG_GetItem(), CFGI_OEMAUTH_CHALLENGE_RESPONSE_LEN - IDS_DD_OEMAUTH_CHALLENGE_RESPONSE_LEN	Yes	PASS	
GetConfigRMCPolicy	GetConfigRMCPolicy.1	Queries CFGI_RMC_POLICY and using ICONFIG_GetItem(), These values are verified against the DPK Entry IDS_DD_RMC_POLICY for correctness. Verification of CFGI_RMC_POLICY - IDS_DD_RMC_POLICY	Yes	PASS	
GetConfigSubscriberId	GetConfigSubscriberId.1	Passes the CFGI_SUBSCRIBERID configuration parameter to OEM_GetConfig(). The return value is verified against the value specified in the Device Pack.	Yes	PASS	
GetConfigSubscriberIdlen	GetConfigSubscriberIdlen.1		Yes	PASS	
SetConfigDownload	SetConfigDownload.1	Calls OEM_GetConfig() and OEM_SetConfig() to ensure that the settings can be read/written properly. SetConfig verify	No	PASS	
SetConfigDownloadPDP	SetConfigDownloadPDP.1	Calls OEM_GetConfig() and OEM_SetConfig() to ensure that the settings can be read/written properly. SetConfig verify	No	UNSUPPORTED	
SetConfigDownloadProxy	SetConfigDownloadProxy.1	Calls OEM_GetConfig() and OEM_SetConfig() to ensure that the Download Proxy Address setting can be read/written properly and that its value matches the device pack (IDS_DD_PROXY). SetConfig verify	No	UNSUPPORTED	
SetConfigDownloadProxyAuth	SetConfigDownloadProxyAuth.1	Calls OEM_GetConfig() and OEM_SetConfig() to ensure that the Download Proxy Credential setting can be read/written properly and that its value matches the device pack (IDS_DD_PROXYAUTH). SetConfig verify	No	UNSUPPORTED	

## 4.4 DownloadRMC

Test Section	Test Case Name	Criteria	Critical?	Result	Issues
InitTest	InitTest.1	Checks if RMC is supported and BDS AppStore is present on device. Creates IDLXStore interface if RMC and BDSAppstore present on device.	Yes	PASS	
RMCDeleteApp	RMCDeleteApp.1	Verifies that an app on the RMC can be deleted, and that public extensions that app shares with other installed apps remain on the phone volume. Download items with IDs IDS_OATDOWNLOADERMC_DEL1ITEMID and IDS_OATDOWNLOADERMC_DEL2ITEMID must be RMC-enabled and must share at least one public extension package.	Yes	PASS	
RMCDownloadApp	RMCDownloadApp.1	Verifies that an app that uses a public extension can be downloaded to the RMC. Download item with ID IDS_OATDOWNLOADERMC_DLITEMID must be RMC-enabled and contain at least one public extension package.	Yes	PASS	
RMCExpireApp	RMCExpireApp.1	Verifies that when the license for an app on the RMC expires the app becomes unrunnable and that any public extension module it uses remain usable by other apps that depend on it. Download item IDS_OATDOWNLOADERMC_EXP1ITEMID must have a short (1 minute) time based license option and must share a public extension module with item IDS_OATDOWNLOADERMC_EXP2ITEMID.	Yes	PASS	
RMCMoveApp	RMCMoveApp.1	Verifies that an app on the RMC can be recalled. Download item IDS_OATDOWNLOADERMC_RCLITEMID must have a valid Demo or Purchase option.	Yes	PASS	
RMCRecallApp	RMCRecallApp.1	Verifies that an app on the RMC can be recalled. Download item IDS_OATDOWNLOADERMC_RCLITEMID must have a valid Demo or Purchase option.	Yes	PASS	
RMCUpgradeApp	RMCUpgradeApp.1	Verifies that an app on the RMC can be upgraded to a later version. Download items with IDs IDS_OATDOWNLOADERMC_UPGV1ITEMID and IDS_OATDOWNLOADERMC_UPGV2ITEMID must both be RMC-enabled and must be	Yes	PASS	

		consecutive versions of the same app. IDS_OATDOWNLOADRMC_UPGV2ITEMID must have an Upgrade price option.			
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## 4.5 EFSFull

Test Section	Test Case Name	Criteria	Critical?	Result	Issues
EFS Full AutoDisable	EFSFULL_AutoDisable.1	Verifies if IDownload can generate a correct Auto	Yes	PASS	
EFS Full Delete	EFSFULL_Delete.1	Verifies if IDownload Interface is deleting the apps correctly when EFS is full. Delete.	Yes	PASS	
EFS Full PreInstall MockApp	EFSFULL_Preinstall_MODACKAPP.1	This test case is specific only for BREW Version 4.0.4 and above. Verifies if Preinstalled app is properly Copied into the fs:/mod directory.Preinstall_MODACKAPP	No	PASS	
EFS Full PreInstallProtectedApp	EFSFULL_Preinstall_PROTECTEDAPP.1	Verifies if Preinstalled Protected app is properly Copied into the fs:/mod directory. Preinstall_PROTECTEDAPP	No	PASS	
EFS Full Upsell	EFSFULL_Upsell.1	Verifies if IDownload Interface Upsells the license of the downloaded app correctly when EFS is full. Upsell	No	PASS	
EFS Full_ValidateAcks	EFSFULL_ValidateAcks.1	This test case is specific only for BREW Version 4.0.4 and above. Verifies that IDownload Interface does not generate the DLacks.bin file while the EFS is full on Launching the App which is associated with MOD ACK on use. ValidateAcks	No	PASS	