



**Brew Level 2 Certification Report**  
Kyocera E4520W

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## Section 1 Brew Level 2 Certification Summary

The following report is intended to communicate how well the Kyocera E4520W measured up to the Brew Level 2 requirements when run against the Brew Level 2 certification 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 Glossary Web Page](#).

### 1.1 Device Summary

Kyocera E4520W	
Software Build	V1010VZ
Reference Device	QSC6185
Brew MP AU	1.0.4.608
BVK Version	2.0.13.1.3202521
Validation Stage	Commercial
Network	Verizon

## Section 2 Brew Level 2 Certification Results

### 2.1 High Level Summary

**Certification Status:** This device is not Brew Level 2 Certified due to the following deficiencies

#### Failed Brew Level 2 Features:

##### Unsupported Brew Level 2 Features:

Feature	Module	Class
Provides services for position determination using GPS information or sector information	Posdetttest	AEECLSID_POSDET(0x100105b)
Allows Access to the Camera	CameraDirectAccess_AITest	AEECLSID_CAMERA(0x1002013)
Controls Rotate function of the Camera	CameraRotate_AITest	AEECLSID_CAMERA(0x1002013)
Record Snapshot	CameraSnapshot_AITest	AEECLSID_CAMERA(0x1002013)
Provides a generic interface for BREW applications to control a device camera and to record snapshots and movies in various formats	CameraTest	AEECLSID_CAMERA(0x1002013)
Operates preview mode for the camera	camerapreviewtype_aitest	AEECLSID_CAMERA(0x1002013)
Provides API to control, configure and monitor a Brew MP applet's data network	NetworkTest_IPv4	AEECLSID_Network(0x1039270)
Functions provide mechanisms to get and set the parameters associated with the network subsystem of the device	NetMgrTest	AEECLSID_NET(0x100102e)
Provides standard socket networking services, both stream and datagram	SockPortTest_IPv4	AEECLSID_SockPort(0x1012d97)

##### Unverified Brew Level 2 Features:

Feature	Module	Class
Receives notification when hardware states have changed	NotifierAITest_Flip	AEECLSID_DeviceNotifier(0x100105a)

## Feature Summary

Feature	Module	Class	Pass	Fail	Unsupported	Unexecuted	Crash	Known Issues	Comment
Notifier class with which applications can register for battery notifications	BatteryNotifier_ModelEvtAITest	AEECLSID_BATTERY	1						
Retrieves battery related information	BatteryTest	AEECLSID_BATTERY	7						
Allows an application to query the meaning of a key combination on extended keypads	keysmappingtest	AEECLSID_KeysMapping				1			Test not applicable for 10-key flip form factor
Provides services for position determination using GPS information or sector information	Posdetttest	AEECLSID_POSDET	23		1				Azimuth information unsupported on device
Allows Access to the Camera	CameraDirectAccess_AITest	AEECLSID_CAMERA			1				Camera unsupported on device
Controls Rotate function of the Camera	CameraRotate_AITest	AEECLSID_CAMERA			1				Camera unsupported on device
Record Snapshot	CameraSnapshot_AITest	AEECLSID_CAMERA			1				Camera unsupported on device
Provides a generic interface for BREW applications to control a device camera and to record snapshots and movies in various formats	CameraTest	AEECLSID_CAMERA			20				Camera unsupported on device
Operates preview mode for the camera	camerapreviewtype_aitest	AEECLSID_CAMERA			1				Camera unsupported on device
Provides multimedia utility services for AMR MIME type	MediaAMR_PlaybackTest	AEECLSID_MediaAMR	18						
MPEG4 MIME Type Playback	MediaMPEG4Playback_AITest	AEECLSID_MEDIAMPEG4	1						
PCM Mime Type Playback	MediaPCM_PlaybackTest	AEECLSID_MEDIAPCM	36						
AMR Mime Type Playback	Media_Play_AMRAITest	AEECLSID_MediaAMR	1						
PCM MIME type playback	media_play_pcmaitest	AEECLSID_MEDIAPCM	1						

Feature	Module	Class	Pass	Fail	Unsupported	Unexecuted	Crash	Known Issues	Comment
PMD Type Playback	media_play_pmdaitest	AAECLSID_MEDIAPMD	1						
Fast forwards a PMD movie type	mediapmd_fastforward_aitest	AAECLSID_MEDIAPMD	1						
Pauses a PMD movie type	mediapmd_pause_aitest	AAECLSID_MEDIAPMD	1						
Playback of PMD files	mediapmd_playbacktest	AAECLSID_MEDIAPMD	36						
Rewinds a PMD movie type	mediapmd_rewind_aitest	AAECLSID_MEDIAPMD	1						
Controls the mute function of a PMD media file	mediapmd_setmutectl_aitest	AAECLSID_MEDIAPMD	1						
Controls the volume of the PMD media file	mediapmd_setvolume_aitest	AAECLSID_MEDIAPMD	1						
Fast forwards an MPEG4 movie type	mediavideo_ff_mpeg4aitest	AAECLSID_MEDIAMPEG4	1						
Rewinds an MPEG4 movie type	mediavideo_rewind_mpeg4aitest	AAECLSID_MEDIAMPEG4	1						
Controls screen rotation for an MPEG4 movie type	mediavideo_rotation_mpeg4aitest	AAECLSID_MEDIAMPEG4	1						
Controls the scaling of an MPEG4 movie type	mediavideo_scaling_mpeg4aitest	AAECLSID_MEDIAMPEG4	1						
Provides multimedia utility services for MPEG4 MIME type	mediavideotestsmp4_playback	AAECLSID_MEDIAMPEG4	35						
Allows use of the default sound path to capture and play vocoder frames	VocoderRecordPlayPCM_AITest	AAECLSID_VOCODER	1						
Allows use of the default sound path to capture and play vocoder frames	VocoderTest	AAECLSID_VOCODER	23						
Plays tones through the vocoder	Vocoder_PlayToneAITest	AAECLSID_VOCODER	1						
Provides API to control, configure and monitor a Brew MP applet's data network	NetworkTest_IPv4	AAECLSID_Network	31		8				See details below
Functions provide mechanisms to get and set the parameters associated with the network subsystem of the device	NetMgrTest	AAECLSID_NET	24		1				See details below

Feature	Module	Class	Pass	Fail	Unsupported	Unexecuted	Crash	Known Issues	Comment
Provides standard socket networking services, both stream and datagram	SockPortTest_IPv4	AEECLSID_SockPort	73		3				See details below
Provides host name resolving functionality, allowing the retrieving of IP addresses associated with a specified host name	CreateInstanceTest	AEECLSID_AddrInfo	138						
Provides access to the address info results cache	CreateInstanceTest	AEECLSID_AddrInfoCache	138						
Provides network related services that are not associated with a specific network instance	NetUtilsTest	AEECLSID_CNetUtils	7						
Interfaces and methods to perform DNS queries and override default settings	CreateInstanceTest	AEECLSID_CDNS	138						
Implements SSL Support for network connections	CreateInstanceTest	AEECLSID_SSL	138						
Implementation of IWebOpts which contains a list of SSL Root Certificates	CreateInstanceTest	AEECLSID_SSLSRootCerts	138						
Provides the resources for the response side of a Web transaction	CreateInstanceTest	AEECLSID_WEBRESP	138						
Controls applets, which includes getting the list of running applets, getting specific information on an applet, starting an applet, and stopping an applet	CreateInstanceTest	AEECLSID_APPLETCTL	138						
Shell operation used to launch device web browser	ShellBrowseUrlAITest_Sms	AEECLSID_SHELL	1						
Provides access to files, directories and filesystem from the MCF directory	mcfdirectoriestest	AEECLSID_FILESYSTEM2	1						
Provides access to files, directories and filesystem from the MCF Lock directory	mcflockdirectoriestest	AEECLSID_FILESYSTEM2	1						



Feature	Module	Class	Pass	Fail	Unsupported	Unexecuted	Crash	Known Issues	Comment
Provides a size-limited, item-limited, least-recently-used RamCache with time-to-live	CreateInstanceTest	AEECLSID_RAMCACHE	138						
Implements the MD2 cryptographic hash algorithm with HMAC keying	CreateInstanceTest	AEECLSID_HMACMD2Ctx	138						
Implements the MD5 cryptographic hash algorithm with HMAC keying	CreateInstanceTest	AEECLSID_HMACMD5Ctx	138						
Implements the SHA1 cryptographic hash algorithm with HMAC keying	CreateInstanceTest	AEECLSID_HMACSHA1Ctx	138						
Implements the SHA256 cryptographic hash algorithm with HMAC keying	CreateInstanceTest	AEECLSID_HMACSHA256Ctx	138						
Implements the SHA384 cryptographic hash algorithm with HMAC keying	CreateInstanceTest	AEECLSID_HMACSHA384Ctx	138						
Implements the SHA512 cryptographic hash algorithm with HMAC keying	CreateInstanceTest	AEECLSID_HMACSHA512Ctx	138						
Implements the MD2 cryptographic hash algorithm	CreateInstanceTest	AEECLSID_MD2Ctx	138						
Implements the MD5 cryptographic hash algorithm	CreateInstanceTest	AEECLSID_MD5Ctx	138						
Implements the SHA1 cryptographic hash algorithm	CreateInstanceTest	AEECLSID_SHA1Ctx	138						
Implements the SHA256 cryptographic hash algorithm	CreateInstanceTest	AEECLSID_SHA256Ctx	138						
Implements the SHA384 cryptographic hash algorithm	CreateInstanceTest	AEECLSID_SHA384Ctx	138						
Implements the SHA512 cryptographic hash algorithm	CreateInstanceTest	AEECLSID_SHA512Ctx	138						
Provides the basic set of services a component typically requires to be instantiated and initialized: memory allocation and creation of other objects	CreateInstanceTest	AEECLSID_Env	138						

Feature	Module	Class	Pass	Fail	Unsupported	Unexecuted	Crash	Known Issues	Comment
Provides lightweight form of InterProcess Communication	CreateInstanceTest	AEECLSID_FIFO	138						
Read and write to a data stream	CreateInstanceTest	AEECLSID_SOURCE	138						
Allows creation of signal objects that are associated with a C function pointer and a 32-bit parameter	CreateInstanceTest	AEECLSID_SignalCBFactory	138						
Receives notification when hardware states have changed	NotifierAITest_Flip	AEECLSID_DeviceNotifier	1						
Receives notification when hardware states have changed	NotifierAITest_Headset	AEECLSID_DeviceNotifier				1			Unable to verify
Receives notification when hardware states have changed	NotifierAITest_KeyGuard	AEECLSID_DeviceNotifier			1				KeyGuard feature is unsupported
Receives notification when hardware states have changed	NotifierAITest_MMC	AEECLSID_DeviceNotifier			1				Unable to verify due to MMC Card Slot location
Receives notification when hardware states have changed	NotifierAITest_rotate	AEECLSID_DeviceNotifier			1				Screen rotation is unsupported
Provides access APIs for getting and setting system clocks, querying time validity, and registering to be notified of changes in time	sysclockapplettest	AEECLSID_CSysClock	10						
SettingsIniFactory is an implementation of ISettingsStoreFactory that provides an ISettings implementation (SettingsIniStore) that allows access to ini file-based settings stores	CreateInstanceTest	AEECLSID_SettingsIniFactory	138						
Provides components with a URI-based settings store	CreateInstanceTest	AEECLSID_SettingsReg	138						

Feature	Module	Class	Pass	Fail	Unsupported	Unexecuted	Crash	Known Issues	Comment
Sets, Retrieves, and notifies upon changes the value of the ItemStore Manner Mode Item	MannerModeCallback_AITest	AAECLSID_MannerMode	1						
Sets, Retrieves, and notifies upon changes the value of the ItemStore Manner Mode Item	MannerModeTest	AAECLSID_MannerMode	15						
Sets, Retrieves, and notifies upon changes the value of the ItemStore Manner Mode Item	MannerModeVerifyMode_AITest	AAECLSID_MannerMode	1						
Interface that can be used to retrieve resources from BREW resource files	CreateInstanceTest	AAECLSID_ResFile	138						
Provides services to get information about the current serving networks	tapiservingnetworkstest	tapi_AAECLSID_ServingNetworks	6						
Allows the caller to create and display an analog clock on the display	CreateInstanceTest	AAECLSID_ACLOCKCTL	138						
Displays the number of hours and minutes as well as AM PM indicator	CreateInstanceTest	AAECLSID_CLOCKCTL	138						
Displays hours, minutes, and seconds for a countdown timer	CreateInstanceTest	AAECLSID_COUNTDOWNCTL	138						
Standard date control allows user to choose specific month, day, and year	CreateInstanceTest	AAECLSID_DATECTL	138						
Date pick control displays a monthly calendar	CreateInstanceTest	AAECLSID_DATEPICKCTL	138						
Interface consists of two functions that operate on dialogs created using the functions in the IShell interface	CreateInstanceTest	AAECLSID_DIALOG	138						

Feature	Module	Class	Pass	Fail	Unsupported	Unexecuted	Crash	Known Issues	Comment
Icon view menu control uses a bitmao icon to represent each menu item	CreateInstanceTest	AAECLSID_ICONVIEWCTL	138						
Implements the icon menu control	CreateInstanceTest	AAECLSID_ICONVIEWCTL_10	138						
Displays a scrollable view into an image	CreateInstanceTest	AAECLSID_IMAGECTL	138						
List control displays only the currently selected menu item on the screen	CreateInstanceTest	AAECLSID_LISTCTL	138						
Implements the list control	CreateInstanceTest	AAECLSID_LISTCTL_10	138						
Standard menu control displays one menu item per row on the screen	CreateInstanceTest	AAECLSID_MENUCTL	138						
Standard menu control displays one menu item per row on the screen	CreateInstanceTest	AAECLSID_MENUCTL_10	138						
Soft Key menu control displays the menu items along the bottom portion of the screen	CreateInstanceTest	AAECLSID_SOFTKEYCTL	138						
Soft Key menu control displays the menu items along the bottom portion of the screen	CreateInstanceTest	AAECLSID_SOFTKEYCTL_10	138						
Allows you to create a static text control that consists of a read-only text message and a title that appears at the top of the control's rectangle	CreateInstanceTest	AAECLSID_STATIC	138						
Allows you to create a static text control that consists of a read-only text message and a title that appears at the top of the control's rectangle	CreateInstanceTest	AAECLSID_STATIC_10	138						
Stopwatch control displays the number of hours, minutes, seconds, and hundredths of seconds	CreateInstanceTest	AAECLSID_STOPWATCHCTL	138						

Feature	Module	Class	Pass	Fail	Unsupported	Unexecuted	Crash	Known Issues	Comment
Controls advanced text layouts	CreateInstanceTest	AAECLSID_BTFFETextLayout	138						
True Type font renderer with support for bidirectional text, kerning, and ligatures	CreateInstanceTest	AAECLSID_BTFFETypeface	138						
Provides language dependent string formatting	CreateInstanceTest	AAECLSID_CurrentLocale	138						
Provides default string formatting in the case where an OEM locale is not defined	CreateInstanceTest	AAECLSID_DefaultLocale	138						
Allows the application to control an HTML viewer object	CreateInstanceTest	AAECLSID_HTML	138						
Derived from the IListModel interface and is used to model a collection of objects, each of which is considered to be an item in a menu	CreateInstanceTest	AAECLSID_MenuModel	138						
Used to model a collection of objects, all of an equal fixed size	CreateInstanceTest	AAECLSID_ArrayModel	138						
The bitmap widget is used to display a bitmap image on the display	CreateInstanceTest	AAECLSID_BitmapWidget	138						
The blend widget is derived from the decorator object and is used as a visual filter through which a child widget will be blended into the display	CreateInstanceTest	AAECLSID_BlendWidget	138						
The border widget is derived from the decorator object and is used to draw borders and backgrounds for widgets	CreateInstanceTest	AAECLSID_BorderWidget	138						
ButtonTC is an implementation of IController that can be used by Button Widget to handle BREW pointer events	CreateInstanceTest	AAECLSID_ButtonTC	138						

Feature	Module	Class	Pass	Fail	Unsupported	Unexecuted	Crash	Known Issues	Comment
The button widget is derived from the Border Widget class (AEECLSID_CBorderWidget) and supports all properties and functions supported by Border Widget Class	CreateInstanceTest	AEECLSID_ButtonWidget	138						
Provides applications with a static message dialog to provide a warning message to the user	CreateInstanceTest	AEECLSID_CErrorDialog	138						
User interface element that allows applications to easily build screens that share a common look and feel and abide by a standard appearance theme	CreateInstanceTest	AEECLSID_CForm	138						
Provides applications with a static message dialog to provide information to the user	CreateInstanceTest	AEECLSID_CInfoDialog	138						
Provides applications with a standard and consistent mechanism for displaying forms that contain lists of items	CreateInstanceTest	AEECLSID_CListForm	138						
Provides a list form with the scroll bar enabled	CreateInstanceTest	AEECLSID_CListFormScroll	138						
Provide applications interfaces to control popup forms	CreateInstanceTest	AEECLSID_CPopupForm	138						
Provide applications with popup menus that are standard in appearance and consistent in their behavior	CreateInstanceTest	AEECLSID_CPopupMenuForm	138						
Allows scrolling of popup menus	CreateInstanceTest	AEECLSID_CPopupMenuFormSc roll	138						
Provides the base structure upon which an application's forms will be built	CreateInstanceTest	AEECLSID_CRootForm	138						

Feature	Module	Class	Pass	Fail	Unsupported	Unexecuted	Crash	Known Issues	Comment
A warning dialog should be used to warn the user of non-fatal incidents	CreateInstanceTest	AEECLSID_CWarnDialog	138						
Provides image frames from a camera	CreateInstanceTest	AEECLSID_CameraFrameModel	138						
Manage collections of widgets	CreateInstanceTest	AEECLSID_CardContainer	138						
Default touch controller for the Check Widget and Radio Widget	CreateInstanceTest	AEECLSID_CheckTC	138						
Creates check boxes and check buttons	CreateInstanceTest	AEECLSID_CheckWidget	138						
Manages the widgets within a container where those widgets are laid out relative to either the container itself, or to each of the other objects held in the container	CreateInstanceTest	AEECLSID_ConstraintContainer	138						
Event handler for pointer events provided to widgets by BREW MP	CreateInstanceTest	AEECLSID_ContainerTC	138						
The cursor widget is derived from the decorator object and is used to show or hide an element on screen (the cursor)	CreateInstanceTest	AEECLSID_CursorWidget	138						
Pointer event handler for Date and Time Widgets	CreateInstanceTest	AEECLSID_DateTimeTC	138						
Default text controller when not defined by OEM	CreateInstanceTest	AEECLSID_DefaultTextController	138						
Create display widgets usable by WindowMgr	CreateInstanceTest	AEECLSID_DisplayWidget	138						
Perform customized drawing operations to the objects wrapped by a decorator	CreateInstanceTest	AEECLSID_DrawDecoratorWidget	138						
Provides functionality for fading a widget on and off the screen by setting different values of the widget property	CreateInstanceTest	AEECLSID_FADER	138						

Feature	Module	Class	Pass	Fail	Unsupported	Unexecuted	Crash	Known Issues	Comment
PROP_TRANSPARENCY over a period of time									
Allows the user to associate a string with an instance of IFont	CreateInstanceTest	AEECLSID_FontMapModel	138						
User interface element for displaying frames from a media source such as video or camera	CreateInstanceTest	AEECLSID_FrameWidget	138						
Implementation of IController that can be used by any widget to handle pointer events	CreateInstanceTest	AEECLSID_GenericTC	138						
Implementation of the AEEIID_IGridContainer interface	CreateInstanceTest	AEECLSID_GridContainer	138						
Implementation of IController that can be used by GridContainer to handle pointer events provided to the widget by BREW	CreateInstanceTest	AEECLSID_GridContainerTC	138						
The grid list container widget lays out its items horizontally, but wraps once it is out of horizontal space	CreateInstanceTest	AEECLSID_GridListContainer	138						
Creates grid widget	CreateInstanceTest	AEECLSID_GridWidget	138						
User interface element that provides HTML display facilities to the widget framework	CreateInstanceTest	AEECLSID_HTMLWidget	138						
Displays a single interface element that consists of both an image and a text label	CreateInstanceTest	AEECLSID_ImageStaticWidget	138						
Creates an object in the widget framework that contains an IImage bitmap or animated bitmap graphic image	CreateInstanceTest	AEECLSID_ImageWidget	138						



Feature	Module	Class	Pass	Fail	Unsupported	Unexecuted	Crash	Known Issues	Comment
Used as a shim for objects that wish to model data stored in an interface that lacks a formal query interface	CreateInstanceTest	AEECLSID_InterfaceModel	138						
Interface element that provides formatted date entry for the widget framework	CreateInstanceTest	AEECLSID_JulianDateWidget	138						
Interface element that provides formatted time entry for the widget framework	CreateInstanceTest	AEECLSID_JulianTimeWidget	138						
Interface object that displays multiple items that the user can view or select	CreateInstanceTest	AEECLSID_ListContainer	138						
Provides implementation of IListContainerModelFactory	CreateInstanceTest	AEECLSID_ListContainerModelFactory	138						
Implementation of IController that can be used by a List Widget to handle BREW pointer events	CreateInstanceTest	AEECLSID_ListTC	138						
Interface object that displays multiple items that the user can view or select.	CreateInstanceTest	AEECLSID_ListWidget	138						
This class has been deprecated and should not be used. Use AEECLSID_Transition2Mover instead.	CreateInstanceTest	AEECLSID_MOVER	138						
Derived from IFrameModel and provides image frames from a video	CreateInstanceTest	AEECLSID_MediaFrameModel	138						
Provides a way of listening to Model Events that many widgets post through their view model	CreateInstanceTest	AEECLSID_Model	138						
Lays out its items horizontally, in much the same manner as a toolbar	CreateInstanceTest	AEECLSID_PickListContainer	138						

Feature	Module	Class	Pass	Fail	Unsupported	Unexecuted	Crash	Known Issues	Comment
Interface object that displays multiple items that the user can view or select	CreateInstanceTest	AEECLSID_PickWidget	138						
Displays a simple progress indicator on the display that typically illustrate the percentage complete of a finite operation	CreateInstanceTest	AEECLSID_ProgressWidget	138						
Manages the widgets within a container where those widgets are laid out (in proportion to one another) along the same vertical or horizontal direction	CreateInstanceTest	AEECLSID_PropContainer	138						
Default Touch controller for the check widget touch controller	CreateInstanceTest	AEECLSID_RadioTC	138						
Radio button implementation	CreateInstanceTest	AEECLSID_RadioWidget	138						
XY container object and is the highest level container object defined for a single display	CreateInstanceTest	AEECLSID_RootContainer	138						
Detects single and double tap occurrences and updates the pointer event string	CreateInstanceTest	AEECLSID_RootTC	138						
Rotate a child widget before it is drawn into the display.	CreateInstanceTest	AEECLSID_RotateWidget	138						
Scale a child widget before it is drawn into the display	CreateInstanceTest	AEECLSID_ScaleWidget	138						
Decorator that provides visual indication that some viewable content may be scrolled	CreateInstanceTest	AEECLSID_ScrollIndicatorWidget	138						
Implementation of IController that can be used by ScrollbarWidget and ScrollIndicatorWidget to handle pointer events provided to the widget by BREW	CreateInstanceTest	AEECLSID_ScrollITC	138						

Feature	Module	Class	Pass	Fail	Unsupported	Unexecuted	Crash	Known Issues	Comment
Decorator object and is typically wrapped around a content based widget to provide visual indications of position and proportion while the user navigates over the content	CreateInstanceTest	AEECLSID_ScrollbarWidget	138						
Implementation of IController that can be used by SliderWidget to handle pointer events provided to the widget by BREW	CreateInstanceTest	AEECLSID_SliderTC	138						
Provides a means to control a setting over a predetermined range	CreateInstanceTest	AEECLSID_SliderWidget	138						
Implementation of IController that can be used by Softkey Widget to handle pointer events provided to the widget by BREW	CreateInstanceTest	AEECLSID_SoftkeyTC	138						
User interface element that provides software navigation to devices that possess two(or three) hardware buttons directly below the display	CreateInstanceTest	AEECLSID_SoftkeyWidget	138						
User interface element that displays static (i.e. read-only) text on the display	CreateInstanceTest	AEECLSID_StaticWidget	138						
implementation of IController that can be used by TabWidget to handle pointer events provided to the widget by BREW	CreateInstanceTest	AEECLSID_TabTC	138						
Decorator used to simulate the appearance of multiple tabs across an area of content	CreateInstanceTest	AEECLSID_TabWidget	138						

Feature	Module	Class	Pass	Fail	Unsupported	Unexecuted	Crash	Known Issues	Comment
Contains implementation of ITextModel and IRichTextModel interfaces	CreateInstanceTest	AEECLSID_TextModel	138						
User interface element that provides text entry facilities to the widget framework	CreateInstanceTest	AEECLSID_TextWidget	138						
User interface element that is, essentially, a decorator that displays a text label above the widget that it wraps	CreateInstanceTest	AEECLSID_TitleWidget	138						
Watches events like EVT_POINTER_DOWN, EVT_POINTER_MOVE and EVT_POINTER_UP, to analyze pointer movements	CreateInstanceTest	AEECLSID_TouchObserver	138						
Fader transition is a transition that applies a visual fade in/out effect to the widget it wraps	CreateInstanceTest	AEECLSID_Transition2_Fader	138						
Mover transition is a transition that animates an object across the display	CreateInstanceTest	AEECLSID_Transition2_Mover	138						
Resizer transition is a transition that modifies the size of an object over time	CreateInstanceTest	AEECLSID_Transition2_Resizer	138						
Scaler transition is a transition that modifies the scale of an object over time	CreateInstanceTest	AEECLSID_Transition2_Scaler	138						
Scroller transition is a transition that sends scroll events to an object over time	CreateInstanceTest	AEECLSID_Transition2_Scroller	138						
Default transition manager implements all the functionality described by the ITransitionMgr interface	CreateInstanceTest	AEECLSID_TransitionMgr	138						
Creates an ITypedListModel interface from a set of function callbacks provided by the caller	CreateInstanceTest	AEECLSID_TypedListModelFactory	138						

Feature	Module	Class	Pass	Fail	Unsupported	Unexecuted	Crash	Known Issues	Comment
Provides interface with the listcontainerwidget	CreateInstanceTest	AEECLSID_TypedValueModel	138						
Inherited from the IModel interface and is used to model data that can be represented in arbitrarily complex forms	CreateInstanceTest	AEECLSID_ValueModel	138						
Used to model a collection of objects that may be of some variable size	CreateInstanceTest	AEECLSID_VectorModel	138						
ViewportTC is an implementation of IController that can be used by a Viewport Widget to handle BREW pointer events	CreateInstanceTest	AEECLSID_ViewportTC	138						
Decorator that provides a visual view into some larger content area with the capability of moving over the content to bring hidden content into view	CreateInstanceTest	AEECLSID_ViewportWidget	138						
The default virtual input manager is an implementation of the IController interface that allows an app to retrieve user data via a virtual keypad	CreateInstanceTest	AEECLSID_VirtualInputMgr	138						
The XY container is derived from the base container object and is used to manage the widgets within a container, where those widgets are positioned within the container at absolute (x, y) locations	CreateInstanceTest	AEECLSID_XYContainer	138						
User interface element that provides text entry facilities to the widget framework	TextWidgetTest	AEECLSID_TextWidget	6		1				Qwerty unsupported on device

Feature	Module	Class	Pass	Fail	Unsupported	Unexecuted	Crash	Known Issues	Comment
Enables virtual character input for touchscreen	textwidgetaitest_touchchar	AEECLSID_TextWidget				1			Test not applicable for 10-key flip form factor
Enables virtual number input for touchscreen	textwidgetaitest_touchnum	AEECLSID_TextWidget				1			Test not applicable for 10-key flip form factor
Enables virtual password input for touchscreen	textwidgetaitest_touchpwd	AEECLSID_TextWidget				1			Test not applicable for 10-key flip form factor

## 2.2 Feature Details (All/Failures)

### 2.2.1 Provides services for position determination using GPS information or sector information (AEECLSID\_POSDET) : Posdetttest

Method	Test Case	Result	Issue	Impact	Comment
IPOSEDET_GetOrientation	Posdetttest_GetOrientation	Unsupported			Azimuth information unsupported on device

### 2.2.2 Provides API to control, configure and monitor a Brew MP applet's data network (AEECLSID\_Network) : NetworkTest\_IPv4

Method	Test Case	Result	Issue	Impact	Comment
INetwork_AddRetryCB INetwork_SelectNetworkEx INetwork_Start	NetworkTest_IPv4_SelectNetworkEx3	Unsupported			CDMA BCMCS network type is unsupported

Method	Test Case	Result	Issue	Impact	Comment
INetwork_AddRetryCB INetwork_SelectNetworkEx INetwork_Start	NetworkTest_IPv4_SelectNetworkEx4	Unsupported			DVB-H multicast network type is unsupported
INetwork_AddRetryCB INetwork_SelectNetworkEx INetwork_Start	NetworkTest_IPv4_SelectNetworkEx5	Unsupported			3GPP Any network type is unsupported
INetwork_AddRetryCB INetwork_SelectNetworkEx INetwork_Start	NetworkTest_IPv4_SelectNetworkEx8	Unsupported			IWLAN 3GPP network type is unsupported
INetwork_AddRetryCB INetwork_SelectNetworkEx INetwork_Start	NetworkTest_IPv4_SelectNetworkEx9	Unsupported			IWLAN 3GPP2 network type is unsupported
INetwork_AddRetryCB INetwork_SelectNetworkEx INetwork_Start	NetworkTest_IPv4_SelectNetworkEx10	Unsupported			UICC network type is unsupported
INetwork_AddRetryCB INetwork_SelectNetworkEx INetwork_Start	NetworkTest_IPv4_SelectNetworkEx11	Unsupported			SLIP network type is unsupported
INetwork_AddRetryCB INetwork_SelectNetworkEx INetwork_Start	NetworkTest_IPv4_SelectNetworkEx12	Unsupported			FMC network type is unsupported

### **2.2.3 Functions provide mechanisms to get and set the parameters associated with the network subsystem of the device (AEECLSID\_NET) : NetMgrTest**

Method	Test Case	Result	Issue	Impact	Comment
INETMGR_SetLinger	NetMgrTest_SetLinger7	Unsupported			Dormant Setlinger time is unsupported

### **2.2.4 Receives notification when hardware states have changed (AEECLSID\_DeviceNotifier) : NotifierAITest\_Flip**

Method	Test Case	Result	Issue	Impact	Comment
ISHELL_RegisterNotify	Notifier_AITest	Unexecuted			Unable to verify

### **2.2.5 Provides standard socket networking services, both stream and datagram (AEECLSID\_SockPort) : SockPortTest\_IPv4**

Method	Test Case	Result	Issue	Impact	Comment
ISockPort_GetOpt ISockPort_OpenEx	SockPortTest_IPv4_GetOpt7	Unsupported			Error enable socket option is unsupported
ISockPort_GetOpt ISockPort_OpenEx	SockPortTest_IPv4_GetOpt8	Unsupported			
ISockPort_GetOpt ISockPort_OpenEx ISockPort_SetOpt	SockPortTest_IPv4_SetOpt15	Unsupported			

**2.2.6 User interface element that provides text entry facilities to the widget framework (AEECLSID\_TextWidget) : TextWidgetTest**

Method	Test Case	Result	Issue	Impact	Comment
IWIDGET_HandleEvent IWidget_GetInputMode IWidget_GetTextWidgetText IWidget_SetInputMode	TextWidget_IM_Qwerty_KEY	Unsupported			QWERTY is unsupported on device