



Brew Level 1 Certification Report

LG VN251

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Section 1 Brew Level 1 Certification Summary

The following report is intended to communicate how well the LG VN251 measured up to the Brew Level 1 requirements when run against the Brew Level 1 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 website](#).

1.1 Device Summary

LG VN251	
Software Build	VN251ZR2
Reference Device	6085 SC2X 5.3
Brew MP AU	1.0.2.418
Brew MP Platform PRO Version	1.0.2.418
Validation Stage	Pre Commercial
Network	Verizon

Section 2 Brew Level 1 Certification Results

2.1 High Level Summary

Results Categories	Results Data
Total Features Required	37
Total Features Certified	31
Total Features Failed Certification	3
Total Features Unsupported	4
Total Tests Unexecuted	2
Total Tests Crashed	0

2.2 Feature Summary

Feature	Module	Class	Pass	Fail	Unsupported	Unexecuted	Crash	Known Issues	Comment
Contact Database Management	Addrbook	AEECLSID_ADDRBOOK	21		4				User defined fields are unsupported on this device
Database Manager	Database	AEECLSID_DBMGR	32						
Backlight display management	Backlight	AEECLSID_BACKLIGHT	4						
Image handling for the JPEG mime type	Viewer	AEECLSID_JPEG	10						
Image handling for the PNG mime type	Viewer	AEECLSID_PNG	104						

Media playback for the AAC mime type with a minimum encoding of 384 Kbps @ 48Khz	MediaAAC	AEECLSID_MediaAAC	64						
Media playback for the MIDI protocol with a minimum encoding of 128 voices, 512Kb wavetable	MediaMIDI	AEECLSID_MediaMIDI	34						
Media playback for the MP3 mime type	MediaMP3	AEECLSID_MediaMP3	64						
Media playback for the QCP mime type	MediaQCP	AEECLSID_MediaQCP	16						
Basic sound playback of beeps, rings, tones and vibrations	Sound	AEECLSID_SOUND	21						
Web - HTTP Operations	Web	AEECLSID_Web	44						
Common web utilities	Web	AEECLSID_WebUtil	5						
Web Service configuration management	Web	AEECLSID_xOpts	29						
File system management for both the EFS and the MMC file systems	FS	AEECLSID_FileMgr	79						
HEAP memory management	Heap	AEECLSID_HEAP	32						
Thread management APIs	ThreadTest	AEECLSID_Thread1Current AEECLSID_Thread2Util	24						
Ringer Management	Ringer	AEECLSID_RINGERMGR	32						

Interact and manage device wallpaper	Wallpaper	AEECLSID_Wallpaper	18						
Send and Receive Messages	SMS	AEECLSID_SMS	72		9				GSM-only tests unsupported on CDMA
Services for managing the phone resources	Telephone	AEECLSID_CallMgr	42	3					No DTMF tones heard during test
Simple interface for telephony layer	TAPI1	AEECLSID_TAPI	42	1					Incoming phone number displayed by caller ID during privacy test
Services for read access to phone state and information	Telephone	AEECLSID_Telephone	10		1				Invalid time parameter not supported
Text entry through device keyboard	Text	AEECLSID_TEXTCTL_10	106						
Display information services	Disp	AEECLSID_Display	5	1	2				Annunciators are unsupported on this device
Standard Fonts	BBFE	AEECLSID_FONT_STANDARD11 AEECLSID_FONT_STANDARD11B AEECLSID_FONT_STANDARD26B	1						
2-Dimensional graphics services	Graphics	AEECLSID_GRAPHICS	20						
EFS Contacts Database	ctfcontactstest	pim_AEECLSID_EFSDBDevice	70						
Contacts Interface	ctfcontactstest	pim_AEECLSID_EFSDBDevice	29						
Enumerate contact search results	ctfcontactstest	pim_AEECLSID_EFSDBDevice	8						
Database connection factory	ctfdbctest	dbc_AEECLSID_Factory	4						
Database query interface	ctfdbctest	dbc_AEECLSID_Factory	9						
Enabling the execution of a	ctfdbctest	dbc_AEECLSID_Factory	4						

statement object									
Bind values to a precompiled SQL statement	ctfdbctest	dbc_AEECLSID_Factory	4						
Result set management	ctfdbctest	dbc_AEECLSID_Factory	1						
File system access enablement	FileSystem2Test	AEECLSID_FileSystem2	53						
Bidirectional data stream file access enablement	FilePort1Test	AEECLSID_FileSystem2	35						
Directory enumeration	DirEnumTest	AEECLSID_FileSystem2	14						

2.3 Feature Details (All/Failures)

2.3.1 Contact Database Management (AEECLSID_ADDRBOOK): Addrbook

Test Case	Result	Issue	Method	Known Issue	Comment
Addrbook->CreateRecord.2	Unsupported		IADDRBOOK_CreateRec()		User-defined fields are unsupported on this device
Addrbook->CreateRecord.5	Unsupported		IADDRBOOK_CreateRec()		
Addrbook->EnumRecords.4	Unsupported		IADDRBOOK_EnumReclnit() or IADDRBOOK_EnumReclnitEx() or IADDRBOOK_EnumNextRec()		Searching record categories is unsupported on this device
Addrbook->EnumRecords.5	Unsupported		IADDRBOOK_EnumReclnit() or IADDRBOOK_EnumReclnitEx() or IADDRBOOK_EnumNextRec()		

2.3.2 Services for managing the phone resources (AEECLSID_CallMgr): Telephone

Test Case	Result	Issue	Method	Known Issue	Comment
Telephone->BurstDTMF.4	Failed	No DTMF tones heard during test	ICALL_BurstDTMF() or ICALL_GetCallDescriptor()		Passed on VN150
Telephone->StartDTMF.2	Failed		ICALL_GetCallDescriptor() or ICALL_StartDTMF()		
Telephone->StopDTMF.1	Failed		ICALL_GetCallDescriptor() or ICALL_StartDTMF() or ICALL_StopDTMF()		

2.3.3 Simple interface for telephony layer (AEECLSID_TAPI): TAPI1

Test Case	Result	Issue	Method	Known Issue	Comment
TAPI1->MakeVoiceCall_PrivacyAlert.1	Failed	Incoming phone number displayed by caller ID during privacy test	ITAPI_MakeVoiceCall()		Passed on VN150

2.3.4 Services for read access to phone state and information (AEECLSID_Telephone): Telephone

Test Case	Result	Issue	Method	Known Issue	Comment
Telephone->GetNetworks.1	Unsupported	Invalid time parameter not supported	ITELEPHONE_GetNetworks()		Passed on VN150

2.3.5 Display information services (AEECLSID_Display): Disp

Test Case	Result	Issue	Method	Known Issue	Comment
Disp->IDISPLAY_SetPrefs_AnnunOff.1 on Disp1	Failed	Cannot turn off annunciator	IDISPLAY_SetPrefs()		Annunciators are unsupported on this device
Disp->IDISPLAY_SetPrefs_AnnunOff.1 on Disp2	Unsupported		IDISPLAY_SetPrefs()		
Disp->IDISPLAY_SetPrefs_AnnunOn.1 on Disp2	Unsupported		IDISPLAY_SetPrefs()		