



Brew Level 1 Certification Report
ZTE F450

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Section 1 Brew Level 1 Certification Summary

The following report is intended to communicate how well the F450 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

| ZTE F450 | |
|------------------------------|----------------------|
| Software Build | VZW_US_F450V1.0.0B17 |
| Reference Device | QSC6155 |
| Brew MP AU | 1.0.3.907 |
| Brew MP Platform PRO Version | 1.0.3.907 |
| Validation Stage | Commercial |
| Network | Verizon |

Section 2 Brew Level 1 Certification Results

2.1 High Level Summary

This device is BL1 Certified.

2.2 Feature Summary

| Feature | Module | Class | Pass | Fail | Unsupported | Unexecuted | Crash | Comment |
|---|-----------|--------------------|------|------|-------------|------------|-------|---------|
| Contact Database Management | Addrbook | AEECLSID_ADDRBOOK | 29 | | | | | |
| 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 | 45 | | | | | |
| 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 | Thread | AAECLSID_THREAD | 25 | | | | | |
| Ringer Management | Ringer | AAECLSID_RINGERMGR | 32 | | | | | |
| Interact and manage device wallpaper | Wallpaper | AAECLSID_Wallpaper | 18 | | | | | |
| Send and Receive Messages | SMS | AAECLSID_SMS | 78 | | 3 | | | Feature unsupported on Verizon network as expected |
| Services for managing the phone resources | Telephone | AAECLSID_CallMgr | 45 | | | | | |
| Simple interface for telephony layer | TAPI1 | AAECLSID_TAPI | 43 | | | | | |
| Services for read access to phone state and information | Telephone | AAECLSID_Telephone | 11 | | | | | |
| Text entry through device keyboard | Text | AAECLSID_TEXTCTL_10 | 106 | | | | | |
| Display information services | Disp | AAECLSID_Display | 5 | | | | | |
| Standard Fonts | BBFE | AAECLSID_FONT_STANDARD11 AAECLSID_FONT_STANDARD11B AAECLSID_FONT_STANDARD26B | 1 | | | | | |
| 2-Dimensional graphics services | Graphics | AAECLSID_GRAPHICS | 20 | | | | | |
| EFS Contacts Database | ctfcontactstest | pim_AAECLSID_EFSDBDevice | 69 | | | | | |
| Contacts Interface | ctfcontactstest | pim_AAECLSID_EFSDBDevice | 29 | | | | | |
| Enumerate contact search results | ctfcontactstest | pim_AAECLSID_EFSDBDevice | 8 | | | | | |
| Database connection factory | ctfdbctest | dbc_AAECLSID_Factory | 4 | | | | | |
| Database query interface | ctfdbctest | dbc_AAECLSID_Factory | 9 | | | | | |
| Enabling the execution of a statement object | ctfdbctest | dbc_AAECLSID_Factory | 4 | | | | | |
| Bind values to a precompiled SQL statement | ctfdbctest | dbc_AAECLSID_Factory | 4 | | | | | |
| Result set management | ctfdbctest | dbc_AAECLSID_Factory | 1 | | | | | |
| File system access enablement | FileSystem2Test | AAECLSID_FileSystem2 | 52 | | | | | |
| Bidirectional data stream file access enablement | FilePort1Test | AAECLSID_FileSystem2 | 35 | | | | | |
| Directory enumeration | DirEnumTest | AAECLSID_FileSystem2 | 14 | | | | | |