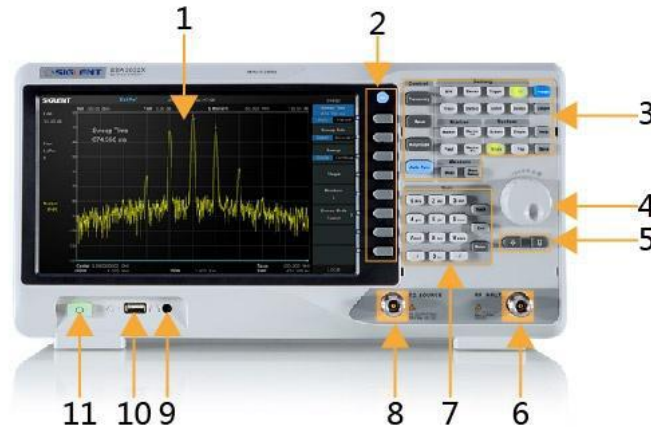


## Revision History

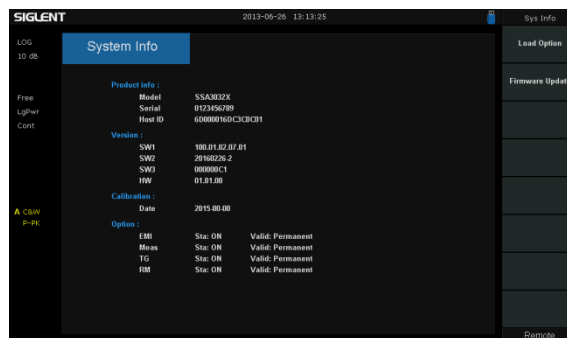
Version	Revision
V2.1.1.1.13 2018/11/1	<p>New Functionality:</p> <ul style="list-style-type: none"> <li>• Screen saver for power saving</li> <li>• VNC View only for web server</li> <li>• VNA: .csv file for each format, Expand Phase for marker</li> </ul> <p>Improvements:</p> <ul style="list-style-type: none"> <li>• VNA: Auto Scale, min Scale to 0.1 dB</li> <li>• DTF: logistic scale for RL display</li> </ul> <p>Solved Issues:</p> <ul style="list-style-type: none"> <li>• Invalid Demod time in FM</li> <li>• Scale in TG</li> <li>• Wrong units in Markers and peaks</li> <li>• Boot or Mode start lock up</li> <li>• Udisk display wrong files</li> <li>• SCPI command incompatible</li> <li>• Min span to 10kHz in AMK power measurement</li> </ul>
V2.1.1.1.12a 2018/8/8	<ol style="list-style-type: none"> <li>1. Spectrum Analysis mode : Improved the stability of sweep and interface.</li> <li>2. VNA mode: fasten the VNA sweep speed; expand the minimum span from 10M to 10 kHz.</li> <li>3. Modulation Analysis mode: add trigger, optimize the modulation analysis algorithm.</li> <li>4. Add user port number selection for web server.</li> </ol>

## Update Instructions

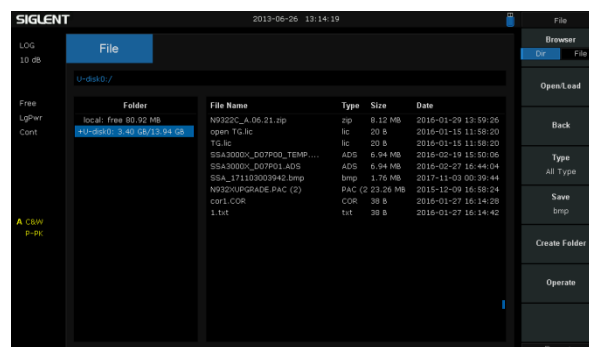
1. Copy the update file (\*.ads) to a FLASH type U-disk, and then connect the U-disk to the USB host port(10) of the instrument.

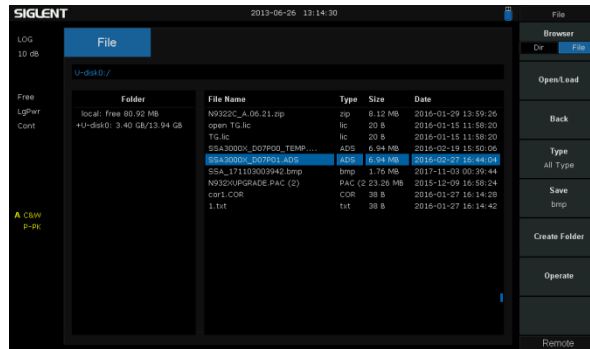


2. Press the **System** key on the front panel, and then softkey “System->System Info->Firmware Update”, to enter the interface of the file browser.

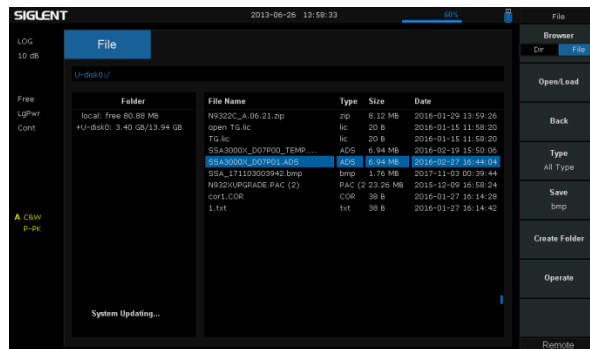


3. Select “U-disk” thru the knob on the front panel, press “Browser”, and then select the correct **ADS file** using the knob





- Press "Open/Load" to start the update. A progress bar is displayed during the update. When updating complete, the spectrum analyzer will restart automatically.



**WARNING:**

**DO NOT shut down the instrument during updating**