



Revision History

| Date | Version | Revision |
|------------|---------------|--|
| 7/20/2018 | 6.01.01.29R10 | <ol style="list-style-type: none"> 1. Optimized TrueArb algorithm and added 3 types of interpolation: sinc, sinc27 and sinc13 2. Optimized jitter performance of Square and Pulse 3. Optimized algorithm of Noise generating so the bandwidth setting lower limit of Noise optimized from 80 MHz to 1 mHz 4. [2017/12/22-174663] Changed the clock switch strategy: When the clock source is set to External and no actual external clock signal is being received, the clock source will not switch to Internal automatically but the clock icon  will indicate that external clock is lost 5. [2017/12/22-174663] Changed default state of 10 MHz Out to "Disable" 6. Added Slave Delay option in Multi-Device Synchronization function 7. Added indicator for double function of the soft keys <div style="text-align: center; margin: 10px 0;">  </div> 8. Fixed the following bugs: <ol style="list-style-type: none"> a) Crashes when downloading 20 Mpts waveform data from the EasyWave program b) Inaccurate burst delay c) In TrueArb mode enabling AM with large amplitude may trigger OVP d) Switching the waveform from IQ to sine with large amplitude may trigger OVP e) Switching off the output on the SDG6kX only drops the output level by approx 20 dB but does not completely switch it off |
| 11/10/2017 | 6.01.01.28R1 | The first formal release |

Compatibility between Versions

| Source Version | Object Version | Compatibility |
|----------------|----------------|---------------|
| 6.01.01.28R1 | 6.01.01.29R10 | Tested. |

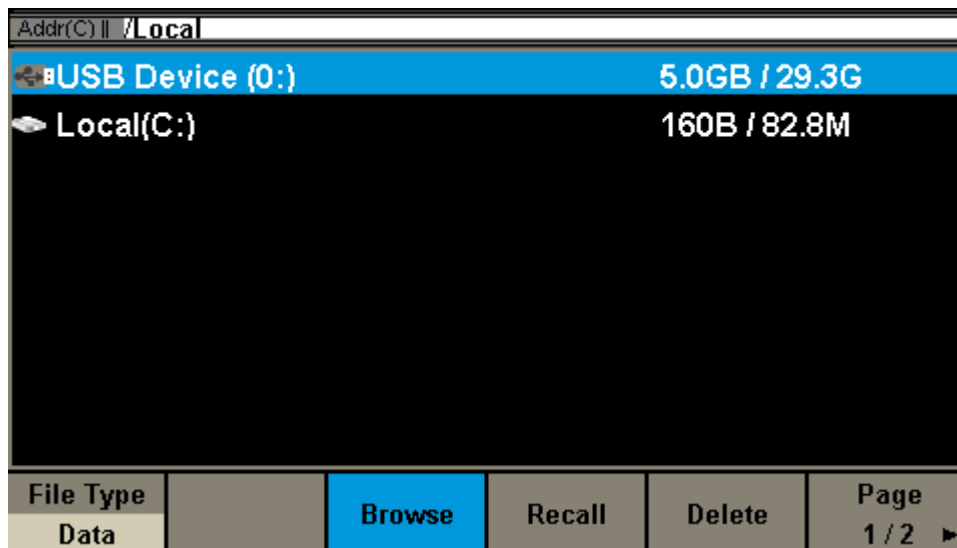
Update Instructions

WARNING: DO NOT shut off the instrument until the update is completed.

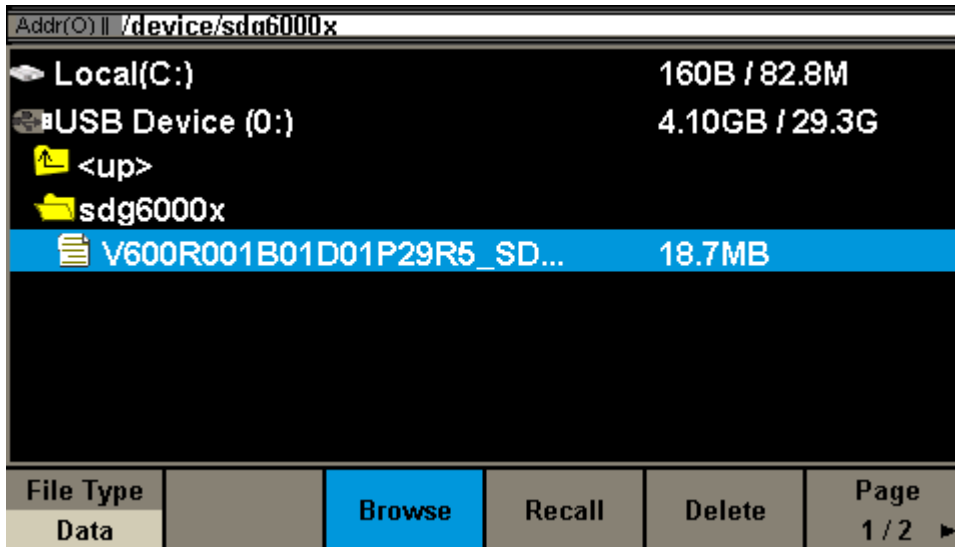
1. Copy the update file (*.ads) to a FLASH type U-disk, and then connect the U-disk to the USB host port of the instrument.



2. Press the **Utility** key on the front panel, and then softkey “System ->Page 1/2 -> Firmware Update”, to enter the interface of the file browser.



3. Select “ USB Device” thru the knob on the front panel, press “Browse”, and then select the correct ads file using the knob



4. Press “Recall” to start the update. A progress bar is displayed during the update. After the update is completed, the generator will restart automatically.

WARNING: DO NOT shut off the instrument until the update is completed.