

## Revision History

Date	Version	Revision
15/7/2025	1P.01.01.01.43R8	<ol style="list-style-type: none"><li>1. Enhance the sequence function, and the number of loops of segment no longer occupies storage space multiple times ;</li><li>2. Delete the true arb mode of arb wave, and only keep the DDS mode. The true arb mode is implemented by the sequence (sequence with only one segment);</li><li>3. Sweep adds step sweep mode;</li><li>4. Sync output supports 50% duty cycle output mode;</li><li>5. Optimize the operation response of the encoder;</li><li>6. Screenshot files support PNG and BMP formats; And screenshot files are saved to the USB disk by default;</li><li>7. Added a new DC output mode to solve the problem that when changing the voltage, the output will jump to 0V before outputting. This method will reduce the output accuracy;</li><li>8. Modify the default output polynomial of PRBS and support programmable polynomial;</li><li>9. Solve the problem of duty cycle is changed during frequency change when square or pulse output.</li></ol>
30/8/2024	1P.01.01.01.42R2	<ol style="list-style-type: none"><li>1. Simplify the multi-pulse setup operation, and change the operation mode to manual trigger by default</li></ol>
3/6/2024	1P.01.01.01.41R7	<ol style="list-style-type: none"><li>1. Solve the problem of mis-triggering of overvoltage protection when modifying amplitude</li><li>2. Optimize the duty cycle measurement solution of the counter</li></ol>
18/3/2024	1P.01.01.01.41R2	The first formal release

## Compatibility between Versions

Source Version	Object Version	Compatibility
1P.01.01.01.42R2	1P.01.01.01.43R8	Tested
1P.01.01.01.41R7	1P.01.01.01.42R2	Tested
1P.01.01.01.41R2	1P.01.01.01.41R7	Tested

## Update Instructions

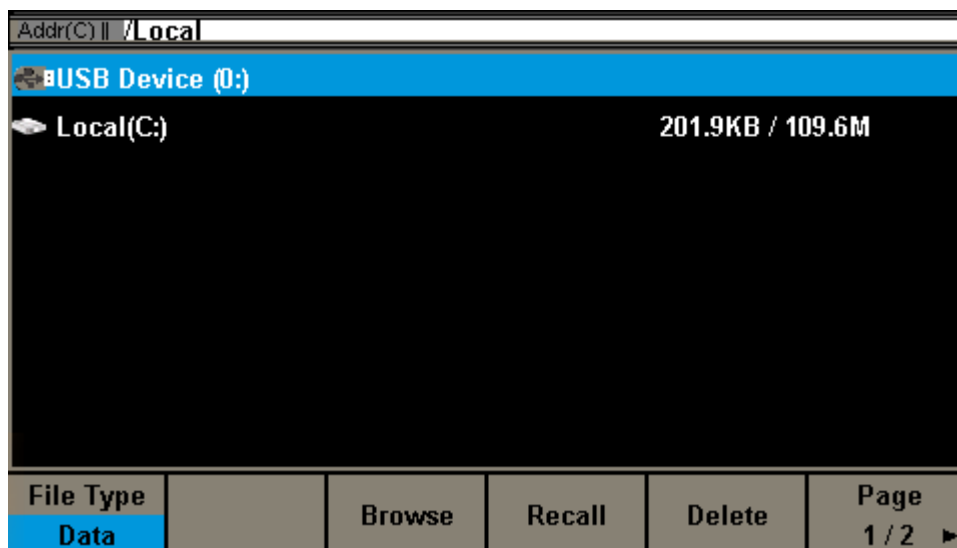
**WARNING: DO NOT shut off the instrument until the update is completed.**

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.

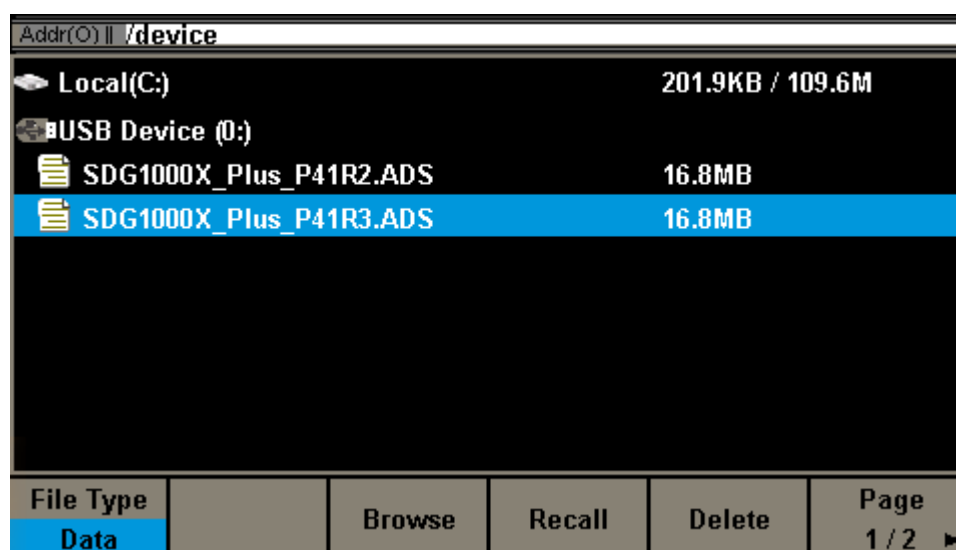
USB Host



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



- 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.**