

## Revision History

Date	Version	Revision
7/24/2018	1.01.01.30R1	<ol style="list-style-type: none"> <li>1. Supported Up followed by Down Sweep mode in Linear sweep (no change for Log sweep).</li> <li>2. Changed the amplitude strategy of AM modulation: The carrier stays fixed at the amplitude, regardless of the modulation setting.</li> <li>3. Increased the upper limit of Harmonics number from 10 to 16.</li> <li>4. Added an icon to indicate clock source is internal or external.  Internal:  External: </li> <li>5. Supported specifying Arb type by remote control when the modulating waveform is Arb.</li> <li>6. Supported changing the unit of amplitude without any amplitude change by long pressing the "Amplitude" softkey.</li> <li>7. Added "User" option under "PowerOn Setting".</li> <li>8. Added "Normal" as a new UI color style.</li> <li>9. Added memory space information in Store/Recall UI.</li> <li>10. Added ARB waveform name to display, allowing user to know which Arb waveform is loaded.</li> <li>11. Optimized response of the universal knob.</li> <li>12. Fixed several bugs:                         <ol style="list-style-type: none"> <li>a) Burst cycles not corrected when it is set to a value <math>\geq 65536</math>. [2017/12/25-1116387]</li> <li>b) In some sweep case the start and stop frequencies deviate from the set values.</li> </ol> </li> </ol>
8/29/2017	1.01.01.22R5	<ol style="list-style-type: none"> <li>1. Supported system recovery from U-disk.</li> </ol>
10/8/2016	1.01.01.22	<ol style="list-style-type: none"> <li>1. Permit setting the frequency to 0. 0 Hz would mean that the DDS accumulated phase word would be held/not change with time.</li> <li>2. Fixed several bugs                         <ol style="list-style-type: none"> <li>a) Single Channel AM Modulation Output Amplitude Is 9.3% too low</li> <li>b) Manual trigger cannot trigger both channels at the same time</li> <li>c) SW bug regarding the modulation with noise</li> <li>d) Display graphic error for displayed wave shape</li> </ol> </li> <li>a) Cannot save the last state after the update</li> </ol>
8/1/2016	1.01.01.21R1	<ol style="list-style-type: none"> <li>1. Fixed several bugs</li> </ol>
3/29/2016	1.01.01.19R2	The first formal release

## Compatibility between Versions

Source Version	Object Version	Compatibility
1.01.01.22R5	1.01.01.30R1	
1.01.01.22	1.01.01.30R1	
1.01.01.21R1	1.01.01.30R1	
1.01.01.19R2	1.01.01.30R1	

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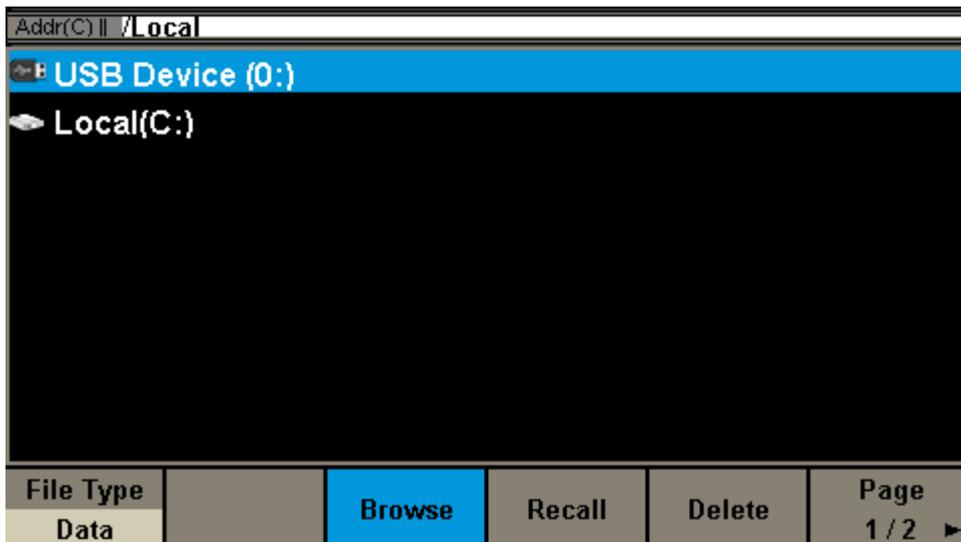
## Update Instructions

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

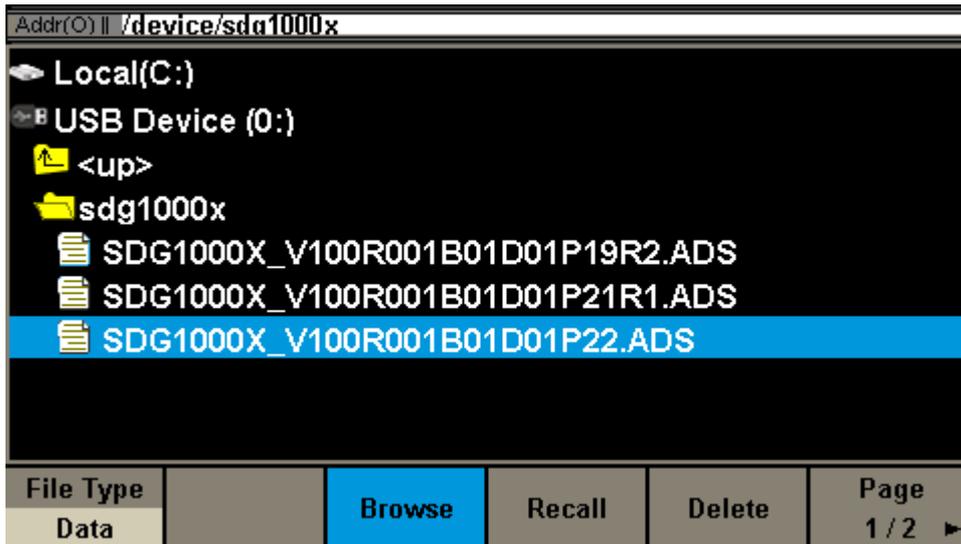
1. Copy the update file (\*.ads) to a FLASH type U-disk, and then connect the U-disk to the USB host port of the instrument.



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.**