

Revision History

Date	Version	Revision
5/6/2019	6.01.01.33R2	<ol style="list-style-type: none"> Removed the warning message when parameter is set to a value beyond the limit Supported to copy/paste/delete folder in Store/Recall file manager Optimized initialization time when the waveform is switched between IQ and other waveforms Supported phase compensation in IQ mode Fixed several bugs: <ol style="list-style-type: none"> [2018/09/14-924144, 2018/09/14-937446] Signals get interrupted upon timing-related change of the settings in Independent mode Anomaly on square/pulse waveform with some setting [2018/11/06-92208] Anomaly on arb waveform when toggle the "ArbMode" from DDS to TrueArb and back to DDS in Independent mode
7/20/2018	6.01.01.29R10	<ol style="list-style-type: none"> Optimized TrueArb algorithm and added 3 types of interpolation: sinc, sinc27 and sinc13 Optimized jitter performance of Square and Pulse Optimized algorithm of Noise generating so the bandwidth setting lower limit of Noise optimized from 80 MHz to 1 mHz [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 [2017/12/22-174663] Changed default state of 10 MHz Out to "Disable" Added Slave Delay option in Multi-Device Synchronization function Added indicator for double function of the soft keys <div style="display: flex; align-items: center; margin: 10px 0;"> <div style="border: 1px solid black; padding: 2px; text-align: center;">Offset</div> <div style="border: 1px solid black; padding: 2px; text-align: center;">▶ Offset</div> <div style="margin: 0 5px;">=></div> <div style="border: 1px solid black; padding: 2px; text-align: center;">LowLevel</div> <div style="border: 1px solid black; padding: 2px; text-align: center;">▶ LowLevel</div> </div> Fixed the following bugs: <ol style="list-style-type: none"> Crashes when downloading 20 Mpts waveform data from the EasyWave program Inaccurate burst delay In TrueArb mode enabling AM with large amplitude

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		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

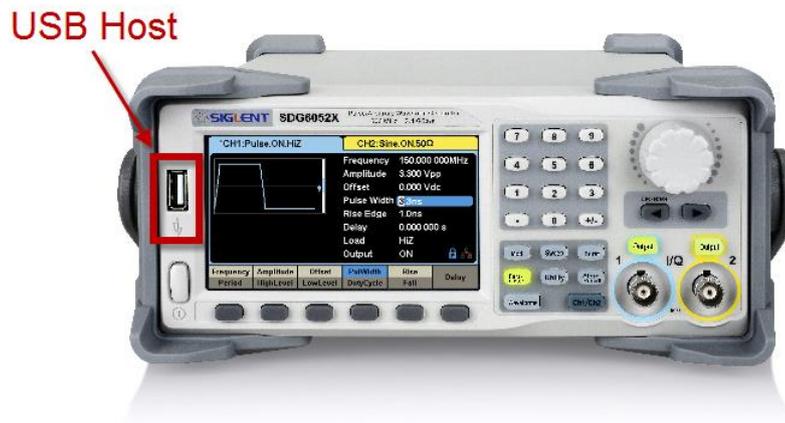
Compatibility between Versions

Source Version	Object Version	Compatibility
6.01.01.29R10	6.01.01.33R2	Tested
6.01.01.28R1	6.01.01.33R2	Tested

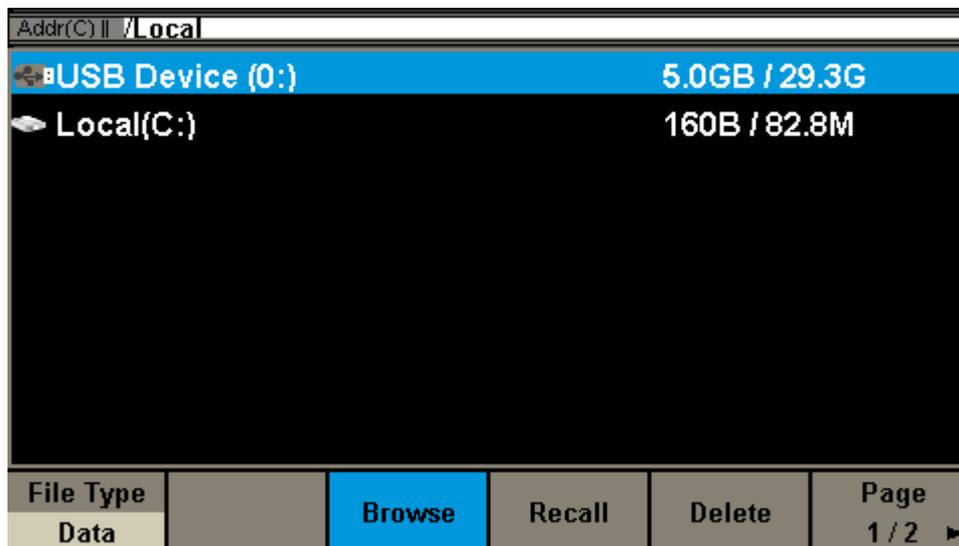
Update Instructions

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

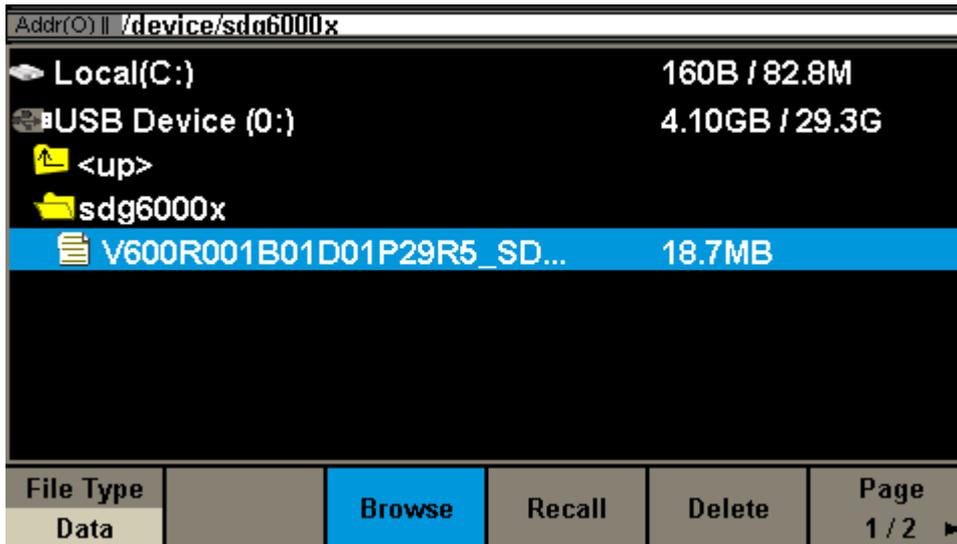
1. Copy the update file (*.ads) to a FLASH type U-disk, and then connect the U-disk to the USB host port of the instrument.



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.