SSG6082A-V Firmwave Revision Record and Upgrade Instructions

SIGLENT TECHNOLOGIES CO., LTD.

1 Revision Record

Date	Version	Revision			
2025/4/17	1.0.0.7.0	 Add a pop-up window when switching frequency causes IQ mode to be turned off New options: "SigIQPro-IEEE.802.11.a/b/g/n/ac" Added linear frequency modulation function Fixed several bugs a) Solve the problem of inaccurate power when turning on RF in IQ mode b) Solve the problem of inaccurate power after turning on arb filtering c) Solve the problem of insertion failure after clearing the multi-carrier list d) Solve the problem of abnormal waveform after peak clipping/scaling 			
2025/2/17	1.0.0.6.8	1 st release			

2 Version Compatibility

Source Version	Object Version	Compatibility
1.0.0.6.8	1.0.0.7.0	Tested

3 Upgrade Instructions

3.1 Upgrade from a U-disk (USB Memory device)

[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 insert the U-disk into one of the USB host ports of the instrument.
- 2. Press the Utility button on the front panel, and press Upgrade . The resource manager will pop up.



3. Select the correct ads file in the resource manager and click Load.



File Browser							
U-disk0:/SSG6082	2A-V_V1.0.0.7.0.A)S				Size:323.75	MB/29.29GB
File Name			Size		Туре	Date	
■ Loca	al				Folder	2025/06	6/05
🖶 🚞 U-di	sk0				Folder		
••••••	11				Folder	2025/04	4/18
	SIGLENT				Folder	1980/01	1/01
P	System Volu	me Inf…			Folder	2025/04	4/14
	SSG6082A-V	_V1.0	81.43	MiB	ADS	2025/06	6/05
View Type Update	Recall	Save	9	Del	ete	Return	\triangleright

4. The system will first decompress and verify the upgrade package. If the upgrade package passes the verification, the instrument will automatically upgrade.





System				
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Settings	System Info	Interface	Self Test	Shutdown
Upgr	ading			
Pr		40%		Us
File	t will restart if upg	raded successful	ly. Please wait fo	r a while
Save/Recall				

5. After the instrument reboots, check the version number through the Utility -> *System Info* to confirm if the upgrade is successful.

		System Information	
	Model	: SSG6082A-V	
	Host ID	: 499924535	
	Serial Number	: SSG6VA0Q8R0009	
	Software Version	: V1.0.0.7.0	
	Uboot-OS Version	n : 7.0	
	Startup Times	: 1740	
	- HW Informat	ion	
	组件名字	H Rev C Rev F Rev	
$\widehat{\omega}$	UTILITY		

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

3.2 Upgrade from the Web Server

A built-in web server provides an approach to control the instrument by web browser. This process doesn' t require any additional software to be installed on the controlling computer. Set the LAN port correctly (see the User Manual for details), input the IP address of the instrument in the browser address bar, and then the user can browse and control the instrument on the web.

Click Instrument to enter the instrument control interface.

Instrument Control X	+			-		×
← C ▲ 不安全 10.11	.43.19/Instrument/novnc/vnc_auto.php		að A 🏠 🗲			Ø
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\land	LOCAL RF LF MOD		↔ 品			+
لمل Home	Freq 8.000 000	000 000 GHz Leve	^{el} -140.00 dBm			
<u> </u>	LF	ANALOG MOD	RF			
LAN	Configure LF Source and	Configure AM, FM, PM and	Configure Frequency,			
	LF Sweep	Pulse	Level, Sweep and Sensor			
Instrument	On	🗖 On	On			
Control			DOWED SENSOD			
C: \ =	Configure Custom.	IP: 10, 11, 43, 19	Configure Power Sensor			
SCPI	Multitone, ARB					
	\wedge		🔘 dBm			
	V Ön		🗌 On ₅			
	ScreenShot FirmWareUpdate					
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[WARNING] DO NOT shut off the instrument until the update is completed.

1. Click the "FirmWareUpdate" button in the web interface

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2. Select the correct update file (*.ads) stored on the computer. The instrument will automatically download the update file and perform the upgrade once the file is specified.

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



About SIGLENT

SIGLENT is an international high-tech company, concentrating on R&D, sales, production and services of electronic test & measurement instruments.

SIGLENT first began developing digital oscilloscopes independently in 2002. After more than a decade of continuous development, SIGLENT has extended its product line to include digital oscilloscopes, isolated handheld oscilloscopes, function/arbitrary waveform generators, RF/MW signal generators, spectrum analyzers, vector network analyzers, digital multimeters, DC power supplies, electronic loads and other general purpose test instrumentation. Since its first oscilloscope was launched in 2005, SIGLENT has become the fastest growing manufacturer of digital oscilloscopes. We firmly believe that today SIGLENT is the best value in electronic test & measurement.

Headquarters:

SIGLENT Technologies Co., Ltd Add: Bldg No.4 & No.5, Antongda Industrial Zone, 3rd Liuxian Road, Bao' an District, Shenzhen, 518101, China Tel: + 86 755 3688 7876 Fax: + 86 755 3359 1582 Email: sales@siglent.com Website: int.siglent.com

North America:

SIGLENT Technologies NA, Inc Add: 6557 Cochran Rd Solon, Ohio 44139 Tel: 440-398-5800 Toll Free:877-515-5551 Fax: 440-399-1211 Email: support@siglentna.com Website: www.siglentna.com

Europe:

SIGLENT Technologies Germany GmbH Add: Staetzlinger Str. 70 86165 Augsburg, Germany Tel: +49(0)-821-666 0 111 0 Fax: +49(0)-821-666 0 111 22 Email: info-eu@siglent.com Website: www.siglenteu.com

Malaysia:

SIGLENT Technologies (M) Sdn.Bhd Add: NO.6 Lorong Jelawat 4 Kawasan Perusahaan Seberang Jaya 13700, Perai Pulau Pinang Follow us on Facebook: SiglentTech

