



## news & updates June 2026 | Issue 24

### In this issue:

**HAROGIC**

**SGA-60 6GHz  
Vector Signal Generator**

**SGA-60 outputs  
CW, AM/FM,  
digital modulated,  
frequency/amplitude  
sweep, & chirp signals  
at a remarkable price**

*Saelig*



### CEO's Corner

Dear Colleague,

Saelig Company, Inc. is pleased to introduce the Harogic SGA-60 6GHz Vector Signal Generator, a compact, USB-powered RF signal generation solution designed for engineers who need laboratory-grade performance in a portable, cost-effective form factor. Covering 9kHz to 6GHz, the SGA-60 is well suited for wireless communications, aerospace, education, R&D, production test, and field measurement applications where precision, flexibility, and ease of integration are essential.

With 100MHz playback bandwidth, 50MHz real-time streaming bandwidth, low phase noise, and support for CW, AM/FM, sweeps, chirp, pulse, AWGN, OFDM, and advanced digital modulation formats up to 1024QAM, the SGA-60 delivers capabilities typically associated with larger and more expensive benchtop instruments. Available now from Saelig Company, Inc., Harogic's U.S. technical distributor, the SGA-60 gives engineers a powerful new way to expand RF test capability while reducing equipment size, setup complexity, and overall system cost.

## What's New?

[Click here for Update](#)

## Contact Information

Voice: 585-385-1750

FAX: 585-385-1768

Sales: [sales@saelig.com](mailto:sales@saelig.com)

Tech Support: [support@saelig.com](mailto:support@saelig.com)

Quotes: [quotes@saelig.com](mailto:quotes@saelig.com)

## Promotions

[Click here for Promotional Items](#)



**Comprehensive Motor Control**



**The best in unique electronics since 1988**

Adapters  
Amplifiers  
Automotive  
Diagnoses  
Cables  
Components  
Converters  
Data Loggers  
DC Loads  
EMC/EMI  
EMC Equipment  
Instrumentation  
Integrated Circuits  
Logic Analyzers  
Motion Control  
Multimeters  
Oscilloscopes  
Panel Meters  
PCB Test  
Power Analyzers  
Power Supplies  
RF/Microwave  
Sensors  
Signal Generators  
Spectrum Analyzers  
Switches  
Test Enclosures  
USB Analyzers  
Waveform Generation

<b>Test Equipment</b> 	<b>Automotive</b> 	<b>Cables / Converters</b> 
<b>EMC Test</b> 	<b>Components</b> 	<b>RF Shielding</b> 
<b>Data Loggers</b> 	<b>Displays</b> 	<b>Embedded</b> 
<b>Industrial PCs</b> 	<b>PCB Test</b> 	<b>Ultrasonic</b> 



**Free Shipping**  
On-line Orders Over \$99



"I founded Saelig in 1988 to serve the world for unique electronic control and instrumentation equipment, including: environmental enclosures, PC and RF spectrum analyzers, USB and logic analyzers, AMPLI, pure IP sources, DMMs, data loggers, IP and DC controllers, PCB test, high-end industrial-grade PCs, EMF enclosures, IEEE serial converter cables, etc."

Our satisfied customers include Intel, Apple, Philips, Matsushita, NEC, TI, Harris, Sony, HP, General Dynamics, Northrop Grumman, many other Fortune 500 companies, military, educational institutions, hospitals, individual end-users, students, hobbyists, etc.

Visit the Saelig



Channel

Search for **Saelig Company**



**30 Day Return Policy**

- Product Reviews
- Technical Analysis
- Manufacturer Information
- Product Announcements




**Offers Free Shipping!\***

\*Free ground shipping with most orders of \$99 or more!

(U.S. domestic orders only, AK, HI and some products excluded)



The USB-powered [Harogic SGA-60 6GHz Vector Signal Generator](#) is engineered to bridge the gap between laboratory-grade precision and the portability required for modern field operations, R&D, and T&M. The SGA-60 series covers a frequency range from 9kHz to 6GHz, for applications in modern wireless communication, aerospace, and education sectors. It offers a robust 100MHz instantaneous bandwidth for complex wideband signal generation, complemented by 50MHz of real-time streaming bandwidth, ensuring high-fidelity signal playback and continuous data throughput for sophisticated simulation environments.

The SGA-60 series can generate a diverse array of signal types, from standard Continuous Wave (CW) and traditional analog modulations (AM/FM) to advanced digitally modulated signals. The inclusion of high-speed frequency and amplitude sweeps, as well as chirp signal generation, makes it suitable for radar testing and component characterization. With a typical output amplitude range of -100dBm to +10dBm, the SGA-60 can simulate everything from the weak signals found at a receiver's edge to the robust signals required for amplifier characterization. Its USB-powered architecture allows for seamless integration into existing software-defined environments, offering a streamlined workflow that reduces setup time and equipment overhead.

## Key technical specifications:

- Frequency range: 9kHz to 6GHz
- Maximum level output : 7dBm to 14dBm
- Minimum level output: <-100dBm
- Level output up to 25dBm (opt.)
- 1GHz phase noise: < -124dBc/Hz@10kHz
- Maximum real-time bandwidth: 50MHz
- Maximum playback output bandwidth: 100MHz
- 0 dBm output harmonics: <-50dBc (typ.)
- Analog Signal Generation: CW, frequency/level sweeps, AM/FM modulation.
- Complex Digital Modulation: Supports high-order modulation schemes like 16/64/256/1024QAM, QPSK, and BPSK, etc.
- AWGN (Additive white Gaussian noise, OFDM (**Orthogonal Frequency-Division Multiplexing**), signal output.
- Ramp/Chirp, Pulse signal output.
- IQ: 100 MHz playback and real-time 50 MHz streaming

Supports C/C++, C#, Python, and MATLAB, Qt, LabVIEW, GNU Radio, etc.



By offering a combination of low phase noise and expansive modulation capabilities, the SGA-60 provides an attractive alternative to traditional signal generators, setting a new benchmark for performance-to-size ratio in the sub-6GHz market. By delivering high-end capabilities at a realistic price point, the SGA-60 series makes precision RF testing affordable, allowing

labs and production facilities to scale their capabilities without the prohibitive costs usually associated with 6GHz vector signal generators. Whether deployed in a high-density lab environment or used for system integration, SGA-60 provides the stability and repeatability that professionals need.

HAROGIC provides compact, robust, high-performance RF hardware with intelligent software to help customers extend their RF boundaries. Made by RF specialists Harogic Technologies, the [SGA-60 6GHz Vector Signal Generators](#) are available now from their USA technical distributor [Saelig Company, Inc.](#) Fairport, NY.

**Check Out Our Website for Other Fine  Product Offerings**

**For Sales and Promotions, Click [Here](#).**

### Test Equipment



### Automotive Test



### EMC/EMI



### Cables



### Components



### Converters



Data Loggers



Displays



Embedded



RF Shielding



RF/Wireless



Ultrasonics

