



news & updates April 2026 | Issue 17

In this issue:

The image displays the MegiQ VNA-0460e, a compact Vector Network Analyzer. The device is blue and features three ports labeled '1', 'G', and '2'. It is shown in front of a software interface with several plots: two Smith charts at the top, a Return Loss plot (RL [dB]) in the middle, and a Gain plot (Gain [dB]) at the bottom. The Gain plot shows a significant dip at 2.460 GHz, with a value of -1.744 dB. The software interface also includes various control panels and data readouts.



CEO's Corner

Dear Colleague,

For experienced RF engineers, the challenge is rarely *whether* you can measure—it's how efficiently, accurately, and cost-effectively you can validate designs across increasingly complex wireless systems. [MegiQ](#) addresses this challenge head-on with a portfolio of professional yet affordable RF development tools that deliver lab-grade insight without the traditional overhead of high-end instrumentation.

Alan Lowne
CEO, Saelig Company Inc

What's New?

Click here for [Update](#)

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Promotions

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MegiQ
RF Development Tools

Professional & Affordable
RF Development Tools

RMS-0640
Measurement System

VNA-0460
Vector Network Analyzer

Balanced and UFL
Calibration Kit

SMA-CAL-6B
SMA Basic Calibration Kit

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- Oscilloscopes
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- PCB Test
- Power Analyzers
- Power Supplies
- RF/Microwave
- Sensors
- Signal Generators
- Spectrum Analyzers
- Switches
- Test Enclosures
- USB Analyzers
- Waveform Generators

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



Saelig Website



"I founded Saelig in 1988 to search the world for unique electronic control and instrumentation equipment including environmental test chambers, PC and RF spectrum analyzers, USB and logic analyzers, EMC/EMC shielded RF sources, EMC, data loggers, GPI and IEC controllers, PCB test, high-precision industrial PC's, EMC enclosures, USB-wireless converter cables, etc."

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



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MegiQ - Professional RF Performance—Without the Lab-Grade Price Tag

MegiQ A Smarter Approach to RF Development

MegiQ's philosophy is refreshingly pragmatic: deliver powerful RF measurement capability in a compact, intuitive, and cost-effective platform. Their solutions are engineered specifically for antenna design, impedance matching, and wireless system validation—providing engineers with fast, actionable data rather than burdensome complexity. Covering frequencies up to 6 GHz, MegiQ tools are ideally suited for modern wireless applications, including IoT, embedded RF systems, and antenna development. Whether you're refining a PCB antenna or validating a complete wireless module, MegiQ's integrated hardware and software ecosystem streamlines the entire workflow.

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Complete RF Toolchain—From Bench to Deployment

Unlike many RF vendors that specialize in isolated instruments, **MegiQ** delivers a **cohesive development ecosystem**:

Vector Network Analyzers (VNAs): Precision impedance and S-parameter measurements with practical, real-world usability.



[Click image to watch video](#) ^

Measuring Antenna Radiation: To verify the actual efficiency of the wireless implementation, the antenna radiation can be measured with this compact turnkey Radiation Measurement System.



[Click image to watch video](#) ^

Radiation Measurement Systems (RMS): Spatial characterization of antenna performance—bridging simulation and reality

Integrated Software: Clear graphical outputs optimized for rapid interpretation and reporting

This unified toolchain enables engineers to move seamlessly from design validation to performance verification—without switching platforms or workflows.

Key Advantages for Professional Engineers

1. Lab-Grade Performance—Accessible Pricing

MegiQ delivers measurement performance comparable to established RF solutions, but at a fraction of the cost—removing budget constraints from serious RF development.

2. Designed by RF Engineers, for RF Engineers

These tools are built from real-world development experience—not theoretical lab ideals—resulting in practical features that align with daily engineering workflows.

3. Rapid Setup, Immediate Results

Out-of-the-box readiness is a major differentiator. Calibration tools, cables, and adapters are included, allowing engineers to begin measurements immediately—no lengthy setup cycles.

4. Intuitive Software, Actionable Data

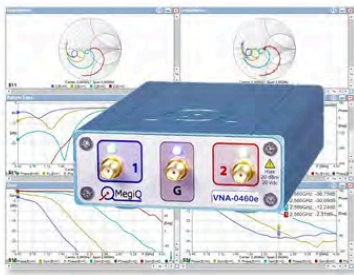
MegiQ emphasizes clarity. Their software produces clean, easy-to-interpret plots that accelerate decision-making and reduce time spent post-processing data.

5. Accelerated Learning Curve—Without Compromise

Even seasoned engineers benefit from tools that “get out of the way.” MegiQ’s interface minimizes friction, allowing you to focus on design optimization rather than instrument complexity.

6. Compact, Portable, and Efficient

Ideal for both lab and field environments, MegiQ systems provide flexibility without sacrificing measurement integrity.



VNA-0460e

Measure and Match Impedances

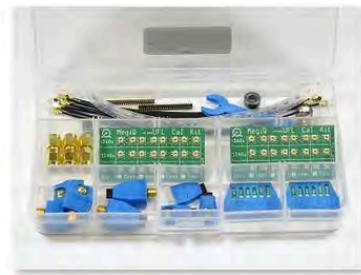
Easy to use yet full featured 6GHz
Vector Network Analyzer



RMS-0460

Measure Antenna Radiation, TRP, Efficiency

370MHz to 6GHz system
No anechoic chamber required!



CAL-UFL-BAL

UFL and Balanced development

Adapters and CalKits for measuring
small (IOT) devices

Proven Performance in the Field

Industry feedback reinforces MegiQ's value proposition:

- “Performance comparable to other VNAs on the market today... don't overlook MegiQ.” — *Microwave & RF Magazine*
- “Your VNA has really unlocked the RF design doors for me.” — *RF Developer*
- “You can get started right away... everything in a practical and sturdy case.” — *Engineering User*

These endorsements highlight a consistent theme: **high-performance RF measurement without unnecessary complexity or cost.**

Built for Modern Wireless Challenges

As RF systems continue to evolve—especially with the growth of IoT and dense wireless environments—the need for **fast iteration cycles and reliable measurement data** has never been greater. MegiQ enables:

- Faster antenna tuning and validation
- Efficient verification of wireless modules
- Reduced development cycles and time-to-market
- Confident performance validation in real-world conditions

Why MegiQ	The most affordable RF lab tools	Gets you quickly up to speed	Focus on the job, not on the equipment	30 day money back guarantee	2 year full warranty
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Available from Saelig Company

As a trusted supplier of advanced test and measurement solutions, [Saelig Company](#) brings [MegiQ](#)'s innovative RF tools directly to engineers who demand performance without compromise. Saelig continuously sources cutting-edge technologies worldwide—ensuring you have access to tools that enhance productivity and deliver measurable results.

Take the Next Step

If you're looking to optimize RF development workflows while maintaining precision and control over costs, MegiQ's professional and affordable RF solutions deserve serious consideration.

Contact Saelig today to discuss how MegiQ can support your next RF design challenge

Useful Articles:

<https://www.saelig.com/news/articles/megi-q-an117-circular-polarization.pdf>

<https://www.megi-q.com/images/AppNotes/MegiQ-AN100-VNA0440e-Measurements.pdf>

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