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Nova Engineering's New Compact RF Signal Source Covers 2.4 to 5.875 GHz

Cincinnati, OH, March 29, 2002 – The *NovaSource G6*TM RF Signal Source was proudly introduced today by Nova Engineering, Inc.

NovaSource G6 joins the highly regarded *NovaSource* family of programmable RF signal generators, known for their compact size, ease-of-use, and low cost. The *NovaSource G6* includes frequency bands ranging from 2.4 to 5.875 GHz. These models provide coverage for emerging license-free ISM bands with wireless product standards such as 802.11a, 802.11b, and Bluetooth, as well as other bands populated by U-NII, HiperLAN, and Wireless Local Loop users.

One of *NovaSource G6*'s most notable attributes is its intrinsic portability. Whereas most tone generators are cumbersome and fragile, *NovaSource G6* is no larger than an ordinary wallet. With a simple user-interface and non-volatile memory to boot, *NovaSource G6* is perfect for field applications, yet a bona fide alternative on the lab bench as well.

Several new features are now available on the *NovaSource G6*, as a means to further solidify it as a formidable traditional signal generator alternative. First, the ability to perform internal frequency modulation (FM) within the *NovaSource G6* unit was added making the *G6* suitable for new PCS and cellular development and test applications. Second, a standard serial interface replaces the parallel interface found on other *NovaSource* family products. This change eliminates prior compatibility issues while it also improves the unit's overall user-friendliness - the new serial interface alleviates much of the programming burden previously placed on the user. Finally, *NovaSource G6*



includes an entirely new frequency sweep function, which is a very useful tool for applications such as filter testing and birdie searches, along with general lab use.

“*NovaSource G6* builds upon the strong performance of the current *NovaSource* family by adding new frequency bands and exciting new features,” says Dave Jordan, Products Director. “As design and development work grows in these higher frequency bands, it was natural to expand the *NovaSource* line to provide an alternative to the large, expensive signal generators.”

Customers can choose from five frequency bands: 2.4 to 2.9 GHz, 3.4 to 3.7 GHz, 3.7 to 4.2 GHz, 5.15 to 5.35 GHz, and 5.47 to 5.875 GHz. Step sizes as small as 1 kHz are standard for each *NovaSource G6* model. *NovaSource G6* is \$899 per unit for quantities fewer than 10. Higher quantity pricing available upon request. Availability is immediate.

About the Company: Nova Engineering, a 100% employee-owned digital and wireless communications company, designs, develops, and manufactures data communications equipment and communication development tools. Since 1989, Nova Engineering has been helping datacomm and telecomm designers pioneer leading edge projects in both the public and private sectors.

NovaSource[™] RF Signal Sources, *Constellation*[™] PC/104 PLD Development Boards, and communication IP cores help reduce cost and shorten time-to-market for today's wireless communications designers.

Other Nova Engineering advancements include mobile ad-hoc networks, wireless routers, telemetry data equipment, sensor communication links, high-performance modems, waveform development software, and embedded real-time signal processing equipment.

Nova Engineering supports the total communication system development cycle from systems engineering, analysis and computer simulation to printed circuit board design, prototyping, production and automated testing.

For further information about *NovaSource G6*[™] or Nova Engineering, Inc. call Dave Jordan or Ryan Canning at 513-642-3000 or email info@nova-eng.com. Information is also available at <http://www.nova-eng.com>.

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