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## TRADE NEWS: Agilent Technologies Introduces Industry-First 6 GHz High-Impedance Differential Probe for Spectrum and Network Analyzers

New Measurement Capabilities Enable Engineers to Validate Differential Signal Designs for Shortened Design Cycles, Reduced Design Costs

PALO ALTO, Calif., June 10, 2003 -- Agilent Technologies Inc. (NYSE:A) today introduced the industry's first general-purpose 6 GHz active differential probe that allows users of spectrum and network analyzers to make high-impedance measurements on differential signals. The new Agilent E2696A InfiniiMax active differential probe enables engineers to measure and quickly validate differential signal designs, helping to shorten design cycles and reduce overall design costs of RF (radio frequency) and microwave circuits used in aerospace and defense, communications, and handheld electronics devices.

“Agilent’s award-winning InfiniiMax probes enable designers of RF and microwave circuits to make measurements that they could never make before,” said Ron Nersesian, general manager and vice president of Agilent’s Design Validation Division. “The 6 GHz differential probe’s high-impedance

measurement capabilities enable our customers to make the most out of the differential signals in their designs.”

Differential signals offer a high level of immunity to interference and coupling, while also lowering RF interference, making it easier to design products that conform to regulatory standards. For these reasons, engineers are increasingly using differential signals in microwave differential amplifiers and balanced mixers used in products such as radar, GSM mobile phones, handheld electronics, multimeters and counters.

The Agilent E2696A InfiniiMax active differential probe is the first probe that enables engineers to use their network and spectrum analyzers to make high-performance measurements directly on differential signals without compromising usability. The differential probe offers exceptionally low 320 fF differential input capacitance for minimal reactive loading and disturbance of signals in the system under test. The probe’s variable spacing and Z-axis compliant tips make it easy to probe differential signals on a variety of target configurations.

Additional information about Agilent InfiniiMax probes is available at [www.agilent.com/find/6GHz-probe](http://www.agilent.com/find/6GHz-probe). High-resolution images of the Agilent E2696A probe are available at [www.agilent.com/find/E2696Aprobe](http://www.agilent.com/find/E2696Aprobe).

### U.S. Pricing and Availability

The Agilent E2696A active differential probe is priced at \$10,378 and can be ordered now, with shipments expected in August.

### About Agilent Technologies

Agilent Technologies Inc. (NYSE: A) is a global technology leader in communications, electronics, life sciences and chemical analysis. The company’s 32,000 employees serve customers in more than 110 countries. Agilent had net revenue of \$6 billion in fiscal year 2002. Information about Agilent is available on the Web at [www.agilent.com](http://www.agilent.com).

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Information in this news release applies specifically to products available in the United States. Product availability and specifications may vary in other markets.

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