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For immediate release

## **New AR Worldwide 10 Watt Broadband Amplifier For Low Power, High Frequency Applications**

Souderton, PA – 11/16/04 – The RF/Microwave Instrumentation division of AR Worldwide has introduced a new addition to the family of broadband solid state products that satisfy the need for low power, high frequency applications. Model 10S4G11 is a 10 watt, 4 – 10.6 GHz amplifier that joins the 1 watt and 5 watt versions.

With a frequency response of 4 – 10.6 GHz instantaneously, this new amplifier gives users room to grow as specifications and requirements demand higher frequencies. The 10S4G11 includes digital control (IEEE-488 GPIB and RS-232) for both local and remote control of the amplifier. As the wireless markets continue to operate at higher frequencies, and EMC frequencies rise, this new family of solid state amplifiers is ready to meet the emerging standards.

In addition to its frequency response, the 10S4G11 has some very impressive specs:

- Power Output at 3dB compression: 13 watts nominal; 10 watts minimum
- Power Output at 1dB compression: 11 watts nominal; 9 watts minimum
- Flatness:  $\pm 2.0$  dB typical;  $\pm 3.0$  dB maximum
- Gain: 40 dB minimum
- Harmonic Distortion: minus 20 dBc maximum at 10 watts

Like all AR Worldwide products, the new amplifier is backed by AR Worldwide's commitment to delivering not only exceptional quality, but outstanding value. At all AR Worldwide companies, value is multi-dimensional. It includes innovative technology, advanced design, durability & longevity, mismatch capability, an unlimited support network, and less cost watt-for-watt than any other amplifier on the market.

The company supports its value proposition with an unsurpassed global support network and an exclusive "second-to-none, best-in-the-business" warranty.

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For more information, contact AR Worldwide RF/Microwave Instrumentation, 160 School House Rd. Souderton, PA 18964 at 215-723-8181 or at [www.ar-worldwide.com](http://www.ar-worldwide.com). For an applications