

Press Release

CAP Wireless Announces the CHPA0618-1 Spatium Ultra-broadband Power Amplifier

NEWBURY PARK, Calif. — Aug. 4, 2008 — CAP Wireless, Inc. (CAP), a leading supplier of high-performance microwave and RF amplifiers and amplifier-based subsystems, today announced the CHPA0618-1 ultra-broadband power amplifier for broadband military platforms within the defense electronics and homeland security industries. The unit incorporates gallium arsenide (GaAs) monolithic microwave integrated circuit (MMIC) technology into CAP's revolutionary, patented Spatium™ broadband spatial combining architecture to achieve outstanding solid state power levels across the amplifier's extended 6-18 GHz frequency range. The CHPA0618-1 is ideally suited for wideband applications such as electronic counter measures (ECM), laboratory instrumentation, and electromagnetic compatibility/ electromagnetic interference (EMC/EMI) test, as well as narrower band applications like radar, microwave imaging, and satellite communications.

"The CHPA0618-1 power amplifier delivers superior bandwidth and power through our Spatium technology and is a compact, affordable, reliable alternative to traveling wave tube amplifiers," said Scott Behan, vice president of marketing at CAP Wireless. "This unit is uniquely positioned to meet the continually growing demand for components that can be implemented in highly specialized applications that require more bandwidth and efficiency, higher power, and are reliable and cost-effective to manufacture."

In addition to extremely broad bandwidth and high power, the CHPA0618-1 amplifier's multiple element architecture provides protection from single point failures and facilitates even, dispersive, three-dimensional (3D) heat dissipation.

Key features of the CHPA0618-1 are:

- Ultra-broad 6-18 GHz bandwidth
- 40 watts typical saturated power
- Exceptional reliability and mean time between failures (MTBF)
- Graceful degradation (soft-fail) in the event of device failure
- Low voltage primary power
- Low intermodulation and harmonic distortion

- Flat gain without equalization
- Low noise figure
- Low phase noise and spurious
- Infinite load voltage standing wave ratio (VSWR) without damage
- No warm-up or turn-on delay
- Unlimited altitude

Pricing and Availability

The CHPA0618-1 ultra-broadband power amplifier is available immediately. Pricing depends on individual customer specifications; please call CAP Wireless at 805-499-1818 or email info@capwireless.com for specific price quotes and additional information. The product will be featured at the EMC Symposium, August 18-22, in Detroit, MI, **Booth #249**.

About CAP Wireless

CAP Wireless develops and manufactures a broad range of RF and microwave amplification products and related subsystems for homeland security, defense electronics, and commercial microwave markets. The company's Spatium product line provides extremely broad bandwidth, high-power, solid state amplifiers for applications such as electronic warfare (EW) systems, radar and communication systems, laboratory instrumentation, and electromagnetic compatibility and interference testing. Applications currently in development include high-power amplifiers for radar, microwave imaging, and satellite and terrestrial communications systems. CAP Wireless, Inc. is a privately held corporation headquartered in Newbury Park, CA. For more information about CAP Wireless and its products, please call 805-499-1818, email info@capwireless.com, or visit www.capwireless.com.

CAP Wireless and Spatium are trademarks of CAP Wireless, Inc. All other registered marks are the property of their respective holders.

--end--

For more information, please contact:

Scott Behan
Vice President, Marketing
CAP Wireless, Inc.
3235 Grande Vista Dr., Newbury Park, CA 91320
Tel. 805.499.1166
scott.behan@capwireless.com
www.capwireless.com

Elisabeth Glover
Marketing Communications
CAP Wireless, Inc.
3235 Grande Vista Dr., Newbury Park, CA 91320
Mobile 805.443.9563
elisabeth.glover@capwireless.com