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## **PCTEL Antenna Products Group Launches Multi-Band Antennas for 2.4 GHz and 5 GHz Broadband Wireless Networks**

### **Product Portfolio Now Supports 2.4 GHz, 802.11b/g, 4.9 GHz Public Safety, and 5 GHz 802.11a, HiperLAN, UNII, ISM and WiMAX Frequencies**

LAS VEGAS, Apr 06, 2005 (BUSINESS WIRE) -- PCTEL, Inc. (NASDAQ:PCTI), a global leader in simplifying mobility, announced today that its Antenna Products Group launched a complete new line of multiple band antennas designed to operate with dual band or wideband RF radios transmitting in multiple microwave frequencies. The new product portfolio includes a high gain omnidirectional mast mount antenna and a high gain directional panel antenna for outdoor installations, plus four in-building wireless data antenna models. All of the models in the new line have been optimized to cover 2.4 GHz to 2.48 GHz, and 4.94 GHz to 5.85 GHz frequencies.

"With the explosion of network deployments in the unlicensed 2.4 GHz spectrum, and the growing popularity of the 4.9 GHz Public Safety, 5 GHz ISM, UNII and WiMAX standards, it is evident that the market will require multiple band antenna solutions. These antennas have been designed to provide outstanding coverage and optimal frequency isolation to enable superior performance of these networks," commented Steve Deppe, President of PCTEL Antenna Products Group, Inc. "PCTEL's MAXRAD antennas have been a leading brand in the broadband wireless and in-building markets because of the market-relevance of their designs, and their outstanding quality. With the introduction of this new MAXRAD line, PCTEL effectively becomes the first North American company to offer 'multi-band' antenna solutions within these specific frequencies," concluded Deppe.

#### **Product Details and Specifications**

Model MMO24580608 mast mount omnidirectional antenna provides 6 dBi gain at 2.4 GHz and 8 dBi at 4.9 to 5.85 GHz frequencies. It features a U.V. stable radome for long-lasting outdoor use. Similarly, the MP24581820PT directional panel antenna provides 18 dBi gain at 2.4 GHz, and 20 dBi gain at 4.9 to 5.85 GHz frequencies. This panel features UL listed 94-V0 plastic and PC board, and a vented radome design for maximum durability under severe weather conditions. It can be ordered with adjustable uptilt/downtilt mounts and is terminated with an N female connector. The above models are ideal as backhaul antennas for multiple frequency networks.

In addition, four in-building models have been optimized to provide contained signals for maximum security of in-building wireless networks. The MC24580304PT omnidirectional ceiling mount antenna provides 3 dBi gain at 2.4 GHz, and 4 dBi gain at 4.9 GHz to 5.85 GHz frequencies; the MHA24580406PT bi-directional ceiling mount hallway antenna provides 4 dBi gain at 2.4 GHz, and 6 dBi gain at 4.9 to 5.85 GHz frequencies. These ceiling tile mount models feature UL listed materials and cable that meet strict UL safety specifications, allowing added mounting flexibility to installers and network designers. Also for in-building applications, the MIG2458 tape mount omnidirectional workstation antenna provides 0 dBi gain at 2.4 GHz, and 3 dBi gain at 5.1 GHz to 5.85 GHz frequencies. This workstation antenna includes a small desktop base and an optional ceiling rail clip for added mounting versatility. Finally, the MP24580809PT directional panel antenna provides 8 dBi gain at 2.4 GHz, and 9 dBi gain at 4.9 to 5.85 GHz frequencies. It includes a short adjustable indoor mount that permits elevation adjustment for enhanced wireless coverage. All in-building models feature attractive, low profile housings designed to complement office environments, or other locations where aesthetic considerations are important.

The new PCTEL line of multiple band antennas is available through the PCTEL Antenna Products Group's network of authorized distributors. For more information, visit the PCTEL Antenna Products Group webpage at [antenna.pctel.com](http://antenna.pctel.com).

#### **About PCTEL Antenna Products Group, Inc.**

PCTEL Antenna Products Group (APG) provides antenna solutions for multiple wireless applications including land mobile radio, broadband wireless access, RFID, in-building wireless, aerial navigation, GPS, and satellite communications. We produce the well-established MAXRAD(R), Antenna Specialists(R), and MicroPulse(TM) antenna brands, which together represent over 90 years of antenna design and development expertise.

Located in Hanover Park and Bloomingdale, Illinois, and with international facilities in Tianjin, China, PCTEL Antenna Products Group delivers over 8000 antenna parts and accessories to customers worldwide. The world's leading manufacturers and distributors of radio frequency communication products rely on PCTEL Antenna Products Group for their antenna needs. PCTEL Antenna Products Group, Inc. formerly MAXRAD, Inc., was acquired by PCTEL, Inc. (NASDAQ:PCTI) in January of 2004.

## About PCTEL

PCTEL (NASDAQ:PCTI), founded in March 1994, is a global leader in simplifying mobility. PCTEL's Mobility Solutions' (<http://mobilitysolutions.pctel.com>) software tools provide secure, access independent, remote connectivity. PCTEL's RF Solutions (<http://rfsolutions.pctel.com>) portfolio of OEM receivers, receiver based products and interference management solutions are used to measure, monitor and optimize cellular networks. PCTEL's Antenna Products Group (<http://antenna.pctel.com>) designs, distributes, and supports innovative antenna solutions that facilitate and simplify wireless communications. PCTEL protects its leadership position with a portfolio of more than 130 analog and broadband communications, wireless and antenna patents, issued or pending. The company's products are sold or licensed to wireless carriers, wireless ISPs, distributors, wireless test and measurement companies, system integrators, PC manufacturers and PC card and board manufacturers. PCTEL headquarters are located at 8725 West Higgins Road, Suite 400, Chicago, IL 60631. Telephone: 773-243-3000. For more information, please visit our web site at: <http://www.pctel.com>.

## PCTEL Safe Harbor Statement

This press release contains forward-looking statements as defined in the Private Securities Litigation Reform Act of 1995. Specifically, these forward looking statements include, but are not limited to, statements regarding the potential benefits resulting from the distribution and use of the new multiple band antennas. These statements are based on PCTEL's current expectations and anticipated marketing benefits and actual results may differ materially from those projected as a result of certain risks and uncertainties, including, but not limited to, the success at marketing, selling and supporting these products; whether such products achieve market acceptance; the ability to forecast customer requirements; competition from other providers; and pricing uncertainties. These risks and uncertainties and others that relate to PCTEL's business, including but not limited to those detailed from time to time in PCTEL's Securities and Exchange Commission filings, can affect actual results. These forward-looking statements are made only as of the date hereof, and PCTEL disclaims any obligation to update or revise the information contained in any forward-looking statements, whether as a result of new information, future events or otherwise.

SOURCE: PCTEL, Inc.

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