



Antennas, Photonics, & RF Communications



**FOR IMMEDIATE RELEASE**

## **Pharad's Newest UAV Antennas Provide High Performance Low-Profile Solution**

**Glen Burnie, MD – November 8, 2011** – Pharad, LLC released their first low profile hemispherical coverage UAV antenna, establishing a new class of UAV antennas to join their blade-shaped radiators as well as their ultrathin appliqué antennas. Not only is the latest Pharad UAV antenna about the same size as a hockey puck, its low profile also makes it the optimal solution for wide hemispherical coverage.

“The reality is that this class of low profile antennas has been 20 years in the making,” said Pharad Vice President and IEEE fellow Rod Waterhouse. “When I was working on my PhD we were trying to create new techniques to get the best performance out of low profile radiators. Now at Pharad we have a team of young, skilled engineers who have been able to take these concepts and successfully develop this new high performance antenna product line.”

The Pharad lightweight, low profile antennas provide highly efficient L-band operation with a hemispherical pattern and support frequency ranges within 1500-2100 MHz. The antennas easily mount to both metallic and composite UAV or aircraft fuselages with standard fasteners.

### **About Pharad, LLC**

*Located in Glen Burnie, Maryland, Pharad, LLC is a customer focused company and technology leader in the development and manufacture of highly efficient, electrically small antennas and RF over fiber systems for communications and defense applications. Pharad creates innovative solutions for realizing difficult-to-engineer antennas for confined operational environments and very broadband applications. Pharad also manufactures a range of high performance RF photonic transceiver products that can support the fiber optic remoting of RF signals up to 40 GHz via a single transceiver module. octane is a division of Pharad, LLC. Octane is a registered trademarks of Pharad, LLC.*

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