



## **KRBK Springfield, Missouri, Creates Single Frequency Network with Multiple Jampro UHF Slot Antennas**

**Sacramento, CA (April 30, 2013)** -- [Jampro Antennas](#) of Sacramento, California, a world leader in radio and TV broadcast antenna systems, recently delivered five of its Prostar UHF slot antennas to KRBK in Springfield, Missouri. KRBK is the primary Fox television station for Springfield and the Ozark Plateau area. The antennas were deployed at various sites around the area and configured into a Single Frequency Network (SFN) where several transmitters simultaneously send the same signal over the same frequency channel.

Alex M. Perchevitch, Jampro president commented on the project: "Few stations in the United States have deployed a single frequency network in a multiple antenna design successfully. Both Jampro and KRBK are very proud of that accomplishment."

One of the critical aspects of successfully implementing the SFN was engineering and producing slot antennas which complied with critical azimuth and special elevation patterns. The Jampro engineering staff worked closely with the KRBK consulting engineers in the development.

In order to create the SFN, Jampro delivered five from its line of Prostar brand UHF slot antennas. These antennas are internationally proven for performance, quality and reliability. Compatible with DTV, ISDB-T and DVB-T broadcasts, Prostars are available in power ratings ranging from 1 kW to 90kW. The feed lines are pressurized for protection, and the slots are radome sealed to protect the antenna from the environment. Prostars are constructed from the finest marine brass, copper and virgin Teflon. Computer modeling is used in the pattern designs and the patterns were confirmed at Jampro's facility in Sacramento before the antennas were shipped to KRBK. Measured performance and the factory tuning before shipping gave KRBK the confidence that the SFN would perform as desired.

Owned by Koplars Communications, KRBK is the primary Fox and secondary MyNetworkTV television station for Springfield and the Ozark Plateau area of southwestern Missouri. Licensed to Osage Beach, it broadcasts a high definition digital signal on UHF channel 49 from a transmitter in Eldridge.

### **About Jampro**

Jampro Antennas Inc., established to answer the need for quality broadcast systems at a reasonable price, is a leading supplier of antennas, combiners & filters and RF components for every application in the broadcast industry. Reputed for innovation and customization, Jampro builds each system to the specifications of the individual broadcaster. From the first system delivered in 1954 to those installed today, the Company is committed to consistent performance and quality founded on solid engineering. Today, over 25,000 broadcasters worldwide benefit from the quality and performance provided by Jampro systems. Additional information on JAMPRO can be obtained at [www.jampro.com](http://www.jampro.com).

###

Jampro contact: Sonia Del Castillo  
916-383-1177 • <mailto:Sonia@jampro.com>

Press Contact: Desert Moon Communications  
Harriet Diener • 845-512-8283  
[harriet@desertmooncomm.com](mailto:harriet@desertmooncomm.com)