

WQPT is On-Air with a 27.5kW PARALLAX UHF DTV Transmitter from Hitachi Kokusai Electric Comark

SOUTHWICK, MA, May 07, 2021 – Hitachi Kokusai Electric Comark LLC (hereinafter “COMARK”), a manufacturer and supplier of DTV transmitters, encoding systems, and associated field services for over 45 years, has announced that WQPT is on-air with a new COMARK 27.5kW PARALLAX UHF transmitter. WQPT-TV, whose license is held by Western Illinois University, is a PBS member television station serving the Quad Cities area of northwestern Illinois and southeastern Iowa.

WQPT’s HPTV-PRLX-U16 27.5kW transmitter consists of a single rack cabinet equipped with 16 UHF Asymmetric Broadband Doherty final amplifiers that provide the highest power density in the industry. The PARALLAX transmitter was delivered complete with dual EXACT-V2 ATSC exciters (in main / standby configuration) and the liquid cooling system. In addition, COMARK supplied the new RF mask filter system and interconnected coax feed into the facility’s existing RF channel combiner.

COMARK managed the shipment, offloading, and placement of the new equipment into the existing broadcast facility. After the mechanical installation of the new transmitter system was completed, COMARK’s field engineer turned on the new transmitter, performing the complete proof-of-performance testing towards the end of March 2021.

“We are happy that the final phase of a year’s long project has been completed and our viewers are able to get a stronger signal from WQPT’s two channels,” said Interim General Manager Dawn Schmitt.

“The team at COMARK provided a complete solution to replace WQPT’s older UHF transmitter system as part of the station’s plan to increase their ERP”, states Joe Turbolski, VP of Sales and Marketing for COMARK. “The new transmitter installation went as planned, having the new equipment installed in about a week. We’re pleased to work with WQPT to provide one of our PARALLAX transmitter systems that ensures better signal coverage to their viewers.”

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About Hitachi Kokusai Electric Comark LLC:

For over 45 years COMARK has been synonymous with broadcast expertise and innovation. A trusted partner to the world's leading broadcasters, COMARK has pioneered many developments that have shaped the industry, leading innovation in IOT & MSDC-IOT technology, transistorized solid-state technology, Digital Adaptive Pre-correction (DAP), and also winning multiple Emmy® Awards; and gaining numerous patents in technologies that have become fundamental to broadcasting. COMARK is now building on this great heritage with the release of an entirely new range of transmission products for terrestrial television broadcasting, and state-of-the-art products for scientific/industrial RF applications. With thousands of active COMARK transmission systems deployed worldwide and a global support presence, COMARK plans to continue to develop technologies for the future, with efficient performance initiatives that improve coverage and save power.

Information about products from Hitachi-Comark
is available at www.comarktv.com.

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