

Hitachi Kokusai Electric Comark Releases EXACT-V2 IP Optimized DTV Exciter

SOUTHWICK, MA, April 12, 2017 — 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 the release of the EXACT-V2 “IP Optimized” next generation DTV exciters supporting ATSC 1.0 and ATSC 3.0. The new platform will be on display at the company’s booth (C4309) in conjunction with an end-to-end ATSC 3.0 demonstration.

The EXACT-V2 DTV exciter is the next generation platform used throughout the company’s DTV transmitter product line. EXACT-V2 delivers an ATSC compliant, on-channel RF output and performs RF precorrection of both linear and non-linear distortion with the company’s industry leading Digital Adaptive Precorrection (DAP) technology. DAP automatically corrects both the linear and non-linear system distortions inherent to all DTV systems. The use of DAP provides the lowest cost of operation with very high system efficiency and RF SNR performance.

EXACT-V2 is an “IP Optimized” platform that features seven Gigabit Ethernet ports. The exciter is compatible with the STL interface (A/324) plus it offers (optional) built-in ALP encapsulation. It features “DualCast” technology, which is easily upgraded from ATSC 1.0 to 3.0 protecting investment today for use tomorrow.

EXACT-V2 includes a simple local control and monitoring using a front panel backlit LCD display. The exciter can also be remotely controlled via user friendly and intuitive built-in web GUI. Finally an optional SNMP client is available for operators that want to incorporate a third party NMS.

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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 entire 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 efficiency and performance initiatives for improving coverage and saving power.

***Look for Hitachi Kokusai Electric Group at NAB
2017, booth # C4309.***

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

Contact:
Joseph Turbolski
Director of Sales Operations
Tel: +1 413 998 1100
Email: jturbolski@comarktv.com