Harris Broadcast Introduces Low-Power VHF Transmitter Series For Global Standards

Company further expands transmission portfolio with new integrated ISDB-Tb and DVB-T modules

Denver 20 March, 2013 — Harris Broadcast will introduce its Platinum™ VAX Compact Class range of VHF transmitters at the 2013 NAB Show (Las Vegas Convention Center, April 8-11, Booth N2503), adapting the company’s compact, power-efficient transmission philosophy to low-power VHF applications for ATSC and worldwide terrestrial standards. The company will also introduce new transmitter plug-in modules, including an ISDB-Tb remux solution and off-air digital receivers that save cost and space at transmission sites.

The Platinum VAX Compact Class series is the latest addition to the company’s transmitter portfolio, ensuring a solution for virtually any VHF analog or digital power requirements. The new series is most suited for low-power transmitting stations and gap filler applications, and is especially useful for covering specific regions in extended markets or difficult terrains.

Platinum VAX Compact Class transmitters cover low-power VHF transmissions in a 2RU chassis design, with rack savings of up to 50 percent compared to previous-generation transmitters of equivalent power levels. As with all Harris Broadcast TV transmitters, the new series integrates Harris Broadcast Apex M2X™ exciters to enable simple modulation changes and analog-to-digital upgrades, supporting ATSC, DVB-T/T2 and ISDB-Tb among other standards — including DAB radio.

Harris Broadcast will also introduce a new ISDB-Tb internal remux module to allow broadcasters to insert local broadcast information, including electronic program guide (EPG) data, while using their existing distribution systems. The ISDB-Tb module is integrated within the Apex M2X exciter to reduce energy use and avoid impact on the physical footprint of the transmitter system. Additionally, the company will unveil transmitter-integrated DVB-T and ISDB-Tb digital terrestrial tuners to monitor off-air signals; and demodulate RF signals and generate ASI transport streams for re-broadcast.

The company will also demonstrate complete ATSC Mobile DTV solutions including M-EAS functionality and non-real time data applications, as well as DTV headend solutions ISDB-Tb and DVB-T2. The complete headend solutions feature the Selenio™ media convergence platform for encoding; Videotek® MSA Series for monitoring signal integrity and compliance; and various Maxiva™ UHF and Platinum VHF transmitters — all based on the company’s PowerSmart® architecture to maximize power, space and energy efficiency.

About Harris Broadcast
Harris Broadcast develops uniquely integrated digital media solutions that streamline the entire content workflow from live production to transmission. The company’s tools and technologies fit seamlessly into any media operation, enabling customers to easily and profitably create compelling content for delivery over multiple distribution platforms. With a presence in key locations around the world, Harris Broadcast supports media customers in more than 130 countries. Additional information is available at www.harrisbroadcast.com.