

Harris looks to mobile

By Andy Stout

With TV to mobile being one of the touchstones of NAB2006, Harris Corp sensibly covered all the bases by introducing transmitters for both FLO and DVB-H technologies at the show.

The FLO-specific versions of the Harris Atlas Mobile and Ranger Mobile TV transmitters are powered by the Harris Apex digital television exciter, featuring fully adaptive linear and nonlinear correction for FLO requirements. Visitors to Harris' NAB booth saw Harris Atlas Mobile UHF transmitter delivering FLO mobile television services to a FLO-capable handset.

"Harris has been working with the development team at QUALCOMM MediaFLO Technologies since 2004 to develop a version of its Apex digital television exciter for FLO air-interface requirements," said Dale Mowry, vice president and general manager of the Harris Television Broadcast Systems business unit. "At NAB2006, we were pleased to highlight the results of that effort: a complete range of television transmitters capable of transmitting FLO services."

On the DVB-H side of things, the company introduced Cool Play 1670, a new television transmitter platform specifically designed for 1670MHz DVB-H applications, including the Modeo mobile TV service planned for the United States. Featuring proprietary convection-cooled technology, it's the first Harris mobile TV platform developed for harsh operating environments. Capable of operating at external temperatures from -40° to +45°C, it is uniquely equipped for outdoor installation without specialised cooling equipment.

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