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DVB AT BROADCAST ASIA 2013

Demonstrations Place The Focus On DVB-T2, DVB-T2-Lite and DVB-GEM Based OTT Technologies

18 - 21 June 2013, Singapore, Stand 5L5-01

Singapore – 18 June, 2013 – At this year's Broadcast Asia 2013, visitors to the DVB stand (5L5-01) can see for themselves the versatility of the groundbreaking DVB-T2 technology, which is already widely adopted throughout the Asia-Pacific region. Also being highlighted are some of the latest advancements in Over The Top (OTT) services based on DVB-GEM (Globally Executable Middleware) technology.

Three high definition channels and four mobile channels are being transmitted in one 8 MHz channel using DVB-T2 and DVB-T2-Lite. T2-Lite is optimized for reception on mobile and portable devices. Two Physical Layer Pipes (PLP) are employed for the different transmission types. In addition, FEF (Future Extension Frame), defined in DVB-T2 v1.3.1, allow the use of different FFT (Fast Fournier Transform) sizes and guard intervals. The three HD channels, with content courtesy of the BBC, will be displayed on a Sony DVB-T2 iDTV and a T2-Lite mobile receiver. A DekTec DVB-T2 modulator is used in the demo.

The DVB stand includes presentations of DVB-T2 chipsets with set-top box demos from Broadcom and Altobeam. Information is available on the latest ST Microelectronics' System on Chip that features a T2 integrated demodulator in the form of an HDMI dongle.

There is also a demonstration of an OTT transmission utilizing a DVB-GEM based solution that features a set-top box using an Alticast implementation of DVB-GEM/MHP middleware. Visitors can see a commercial hybrid service, using the most recent GEM 1.3 standard, which combines a local DVB-T stream and a live OTT stream coming from a live server in Italy. The broadcast channel carries the relevant information for the broadband service. The user can switch between the DVB-T and the OTT service by simply changing the channel. The OTT content and portal is provided by Mediaset.

DVB-GEM is an open middleware specification, which enables the deployment of interactive applications over broadcast and broadband networks as well as for Blu-ray discs. Version 1.3 of the Java-based GEM specification introduced an OTT device category that addresses media distribution over broadband networks with varying bandwidth such as the internet.

DVB At Broadcast Asia 2013

The official Broadcast Asia conference features a full day session delivered by DVB experts including DVB's Executive Director, Peter Siebert and DVB's representative in Asia, John Bigeni. They will be joined by DVB Member representatives from Rohde & Schwarz, Media Broadcast, ENENSYS Technologies, Ericsson and TeamCast. The session that is titled "DVB-T2: Opening Up Your Business For Multiplexing Broadcasting" will address the technical, business and regulatory implications that ensure smooth DVB-T2 implementation. Highlighting the numerous benefits of deploying a T2 system, the presentations will address the challenges of implementation and provide solutions for the transition to DVB-T2, and beyond the final stages of its deployment.

The DVB stand is tended by DVB representatives and technology experts available to answer queries and provide information on DVB's wide ranging family of open, interoperable, market driven standards.

About DVB

Digital Video Broadcasting (DVB) is an industry-led consortium of over 200 broadcasters, manufacturers, network operators, software developers, regulators and others from around the world committed to designing open interoperable technical standards for the global delivery of digital media and broadcast services.

DVB standards cover all aspects of digital television from transmission through interfacing, conditional access and interactivity for digital video, audio and data.

DVB dominates the digital broadcasting environment with thousands of broadcast services around the world using DVB's standards. There are hundreds of manufacturers offering DVB compliant equipment. To date there are nearly a billion DVB receivers shipped worldwide.

Further information about DVB can be found at: www.dvb.org, www.mhp.org, www.dvbservices.com and www.dvbworld.org.

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