

DekTec Develops ISDB-T-8Mhz in Record Time for End-to-End Trials in Southern Africa

Hilversum, Netherlands, July 9st, 2010 – Mackenzie Digital TV Research Centre implemented this week, in cooperation with DekTec, the first 8-MHz ISDB-T transmission. The system uses an 8-MHz ISDB-T modulator, designed by DekTec in collaboration with Mackenzie, to address the needs of the African countries in the Southern African Development Community – SADC.

ISDB-T is a digital-TV system that has been adopted by a wide number of countries across the globe: Japan, Brazil, Peru, Argentina, Chile, Venezuela, Ecuador, Costa Rica, Paraguay, The Philippines and Bolivia have adopted ISDB-T at a bandwidth of 6 MHz.

Fernando Gomes de Oliveira, DekTec's South-American Business Development Manager, commented that the flexibility of the affordable DTA-115 modulator card has given the opportunity to fulfil the rapid deployment schedule requested by the client.

The tests were conducted at Mackenzie's Digital TV laboratory, in the city of Sao Paulo, Brazil, where they also developed an 8-MHz ISDB-T set-top box for this project. "We are ready to start the 8-MHz ISDB-T field tests thanks to DekTec", says Prof. Dr. Gunnar Bedicks, Chief Scientist of Mackenzie Digital TV Research Centre.

About DekTec Digital Video

DekTec's mission is to provide digital-TV professionals with innovative, best-in-class hardware and software components based on the cost-effective power of commercially-available PC hardware.

About Mackenzie Digital Research Centre

Mackenzie Digital TV Research Centre is a leading digital TV laboratory for transmission and reception system. Since 1998 the research centre operate under the School of Engineering of the Mackenzie Presbyterian University as a centre to promote and support the development of digital TV technologies and the post-graduation students of master and doctor degrees.

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