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News

DVB-NGH introduction



DVB-T/T2/ISDB-T demodulator and SFN rebroadcasting solution



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World's unique IP seamless switch with bypass mechanism

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ENENSYS provides ONEBEAM system to THAI PBS launch in Thailand



ENENSYS is demonstrating its innovative Regional Emergency Warning System (rEWS) technology at IBC2014



ENENSYS provides ONEBEAM system to THAI TV5 for national DVB-T2 network launch in Thailand

The DVB Next Generation broadcasting system to Handheld (NGH) is draft ETSI EN 303 105 standard.

This standard define the next generation transmission system for digital terrestrial and hybrid (combination of terrestrial with satellite transmissions) broadcasting to handheld terminals.

The standard define four profiles :

- Base profile : Terrestrial transmission with single antenna and tuner on the receiver.
- MIMO profile : Terrestrial transmission with multiple antennas on the transmitters and receiver sides. The receiver need two tuners to support this MIMO mode.
- Hybrid profile : Support combinaison of terrestrial and satellite transmissions and required a single tuner on the receiver.
- Hybrid MIMO profile : is a combinaison of MIMO and Hybrid profiles.

The NGH standard is based on DVB-T2 standard and reuse or extend lot of concept introduce in the DVB-T2 specification.

The NGH standard extend T2 standard with use of Non-Uniform constellation, 4D rotated constellation and Hierarchical modulation for local service insertion.

Modulation	Code rate						
	1/3	2/5	7/15	8/15	3/5	2/3	11/15
QPSK	2D rotated			4D rotated			
16QAM	2D rotated						
64-QAM or NU-64-QAM	2D rotated						
256-QAM or NU-256-QAM	No rotation						

Supported FFT size : 1K, 2K, 4K, 8K, 8K extended, 16K, 16K extended

Supported Guard Interval : 1/32, 1/16, 1/8, 1/4, 1/128, 19/256 or 19/128

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- ENENSYS Provides T2 Gateways and ASIGuard Seamless Switches for MediaCorp DVB-T2 network launch in Singapore



- ENENSYS launches OneBeam solution



- Our latest catalogue is available on



- ENENSYS Provides T2 Gateway and Modulator for KBS Ultra-High Definition Project



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- MULTICHOICE selects ENENSYS for the world's largest DVB-T2 roll-out



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