

PRESS RELEASE

CELLMetric launches DABGen DAB & DAB+ software modulator

DABGen provides DAB & DAB+ test streams for interoperability & faster time to market.

30th November, 2010 – Cambridge, UK– CELLMetric, the intelligent digital broadcast solutions company, announces the launch of its new Digital Audio Broadcast (DAB) software modulator.

CELLMetric's DABGen is designed, in conjunction with its Modus 3 RF signal generator to provide cost effective Digital Audio Broadcast RF play out. This enables rapid and cost effective testing and verification of newly developed DAB / DAB+ domestic and automotive receivers.

DABGen ingests industry standard Ensemble Transport Interface (ETI) files and converts them into Coded Orthogonal Frequency Division Multiplexing (COFDM) files in the format required for the Modus 3 DAB RF signal generator.

The Modus 3 DAB can then play these files as either DAB or DAB+ in Band III or the L Band for receivers to tune to. This provides a consistent and repeatable test signal during development and validation of new DAB receivers and can be used for regression testing of new software releases.

DABGen runs on a standard Windows™ PC and can convert ETI files to test stream files at close to real time.

DABGen also allows the growing number of companies developing DAB and DAB + radios to access the ETI test stream library from World DMB. This comprehensive library of ETI files is collated by World DMB, the industry body, and is available to its members for interoperability testing.

The Modus 3 DAB is a highly portable RF signal generator unit that can run from mains and battery power sources. Thanks to its embedded Unix like operating system, the Modus 3 is highly reliable and has the ability to play 24/7 which is a key benefit during development and production test. The unit does not require a PC to operate and is designed for long term unattended operation.

Based on CELLMetric's highly successful Modus 3 DVB-T/H modulator, the Modus 3 DAB builds on the experience gained with this product. Modus 3 offers ease of use, fully integrated remote control, and CELLMetric's unique Smart Start™ XML meta data file system making the Modus 3 simple to operate. Smart Start™ allows users of the Modus 3 to store the configuration of the play out stream file on the CF card holding the stream. When selecting a stream file the Modus 3 automatically configures correctly, ensuring correct and repeatable RF playback.

The Modus 3 DAB Player and DABGen are available now for purchase from CELLMetric and its distributors.

About CELLMetric

CELLMetric – (Cell - Macro Cellular broadcast systems) (Metric – application of measurement algorithms to provide intelligence to broadcast systems)

Founded in 2005, CELLMetric was formed with a goal to develop innovative, intelligent and cost effective solutions to meet the challenges of digital TV switchover, mobile video and 4G LTE Cellular deployment.

Drawing on the expertise of a highly experienced team of systems, software, RF and VLSI engineers with extensive experience in digital TV and mobile communications, CELLMetric is developing a range of modular solutions, including: repeater systems, micro base stations and the Modus I/Q RF signal sources for network emulation. Key to these systems is CELLMetric's Software Defined Digital Radio architecture and "Application Specific I/Q™" modules which allow efficient customisation of this architecture using plug and play channel coders.

All CELLMetric's products blend a mix of fast processors, FPGAs, and broadband RF digital radio to provide intelligent, self-measuring transmission systems.

CELLMetric is currently working in the areas of:

- DVB-T
- DVB-H
- DAB
- DAB+
- T-DMB
- DVB-S
- DVB-S2
- DVB-T2
- LTE

CELLMetric's patented architectures are highly modular, allowing the efficiencies of engineering reuse to be gained.

CELLMetric =

- Easy to install
- Easy to operate
- Easy to maintain

Cell Metric was formed in 2005 by Graham Norgett, one of the founders of Symbionics Instruments, later Adherent Systems, which developed a significant market share in the DECT and DVB MPEG test systems market. Adherent, where Norgett was Marketing Director, was sold in 2001 to a major US based T&M multinational.

CELLMetric is a privately held limited company.

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