PRESS RELEASE

Fraunhofer IIS and RFmondial present DAB Monitoring Receiver with Fraunhofer MultimediaPlayer at IBC 2017

Erlangen, Germany/Amsterdam, The Netherlands: Fraunhofer Institute for Integrated Circuits IIS, the world-renowned experts in audio and media technologies and RFmondial, a leading manufacturer of professional digital radio equipment, showcase at IBC 2017 the Fraunhofer MultimediaPlayer technology as part of RFmondial's new DAB monitoring receiver RF-DAB for transmitter, content and remote-coverage monitoring.

The Fraunhofer MultimediaPlayer technology enables the presentation of all DAB+ services. It is integrated in the RF-DAB monitoring receiver, as well as in RFmondial's logging systems. The extensive feature set of the MultimediaPlayer includes full support for DAB+ data services such as Dynamic Label/DL+, slideshow, Journaline advanced text services, electronic program guide (EPG), travel and traffic information, file transmissions and playback of audio services with stereo and surround sound.

The extended Professional edition of the Fraunhofer MultimediaPlayer technology, which is integrated in RFmondial's products, is optimized for professional DAB and DRM monitoring and archiving solutions. In addition to the features of the Consumer edition, it natively supports the digital protocols for the multiplex distribution (EDI/MDI over UDP/IP) as input sources and the decoding of IQ baseband signals, as well as the display of detailed decoder statistics. On the basis of these statistics, collected by all receiver components, broadcasters are able to verify the transmission quality of their services by monitoring the elements carried on the various transport levels. The HTML based user interface of the "MultimediaPlayer Professional" technology allows for a simple graphical adjustment to and integration with the customer's products, which can also be accessed remotely via web browser – including full support for the playback of all contained audio and data service components thanks to the use of the HTML5 standard.

Head of Corporate Communications
Thoralf Dietz | Phone +49 9131 776-1630 | thoralf.dietz@iis.fraunhofer.de | Fraunhofer Institute for Integrated Circuits IIS | Am Wolfsmantel 33 | 91058 Erlangen, Germany | www.iis.fraunhofer.de |

Head of Marketing Communications Audio and Media Technologies
Matthias Rose | Phone +49 9131 776-6175 l amm-info@iis.fraunhofer.de | Fraunhofer Institute for Integrated Circuits IIS l www.iis.fraunhofer.de

US Contact
Jan Nordmann | Phone +1 408 573 9900 l Cell +1 408 390 6698 l press@dmt.fraunhofer.org | Fraunhofer USA, Inc. | Digital Media Technologies* | 100 Century Center Court | Suite 504 | San José, California 95112 | www.dmt.fraunhofer.org
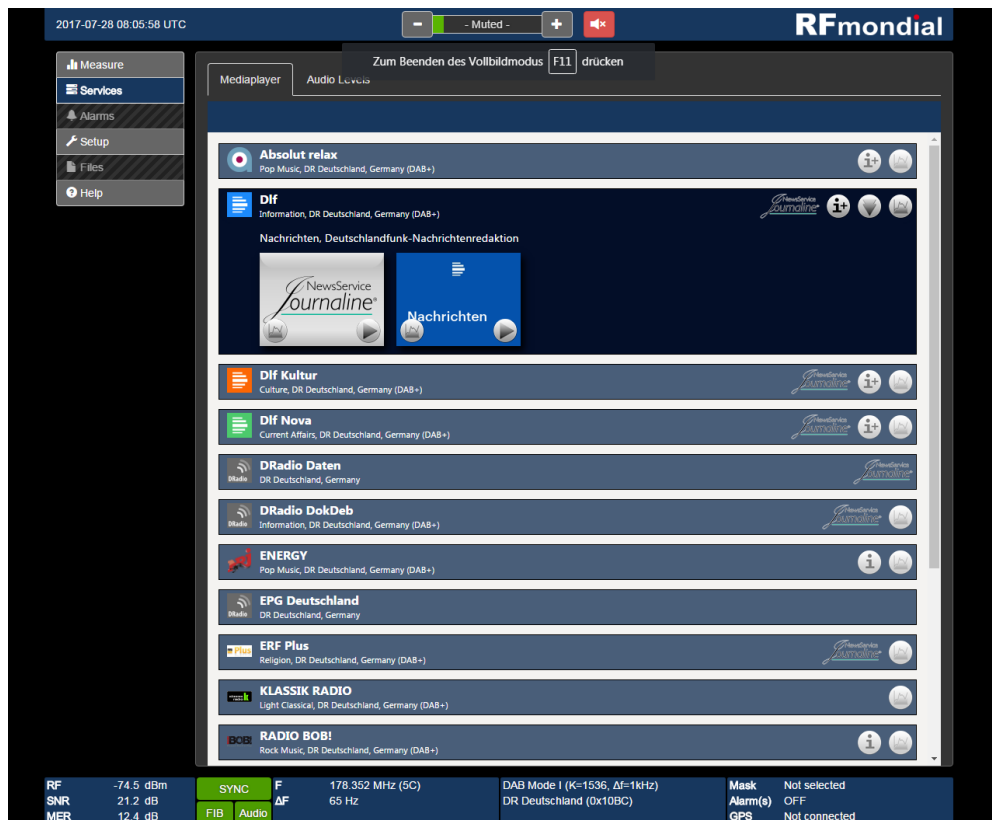
FRAUNHOFER INSTITUTE FOR INTEGRATED CIRCUITS IIS

RFmondial products incorporating Fraunhofer technologies are for example in use at the national German public radio Deutschlandradio for the transmission and monitoring of its digital radio programs and the sophisticated set of DAB+ data services.

The RFmondial RF-DAB monitoring receiver including the Fraunhofer MultimediaPlayer will be exhibited at the Fraunhofer booth B80 in hall 8 at the IBC show in Amsterdam, taking place from September 15th to 19th, 2017.

The Fraunhofer MultimediaPlayer technology is integrated in RFmondial's new RF-DAB monitoring receiver and enables the presentation of all DAB+ services. ©RFmondial | Picture in print quality: www.iis.fraunhofer.de/en/pr

About RFmondial

RFmondial GmbH offers professional products and services for the digital broadcasting industry as well as other industries with the need for innovative hardware and software. Research, development and prototype implementation for transmitter, receiver, and monitoring technology as well as design services for various industries are part of the core business. With broad experience in various technological areas, worldwide markets are served, "Made in Germany".

IN COOPERATION WITH

RFmondial

About Fraunhofer IIS

The Audio and Media Technologies division of Fraunhofer IIS has been an authority in its field for more than 25 years, starting with the creation of mp3 and co-development of AAC formats. Today, there are more than 10 billion licensed products worldwide with Fraunhofer's media technologies, and over one billion new products added every year. Besides the global successes mp3 and AAC, the Fraunhofer technologies that improve consumers' audio experiences include Cingo® (spatial VR audio), Symphoria® (automotive 3D audio), xHE-AAC (adaptive streaming and digital radio), the 3GPP EVS VoLTE codec (crystal clear telephone calls), and the interactive and immersive MPEG-H TV Audio System.

With the test plan for the Digital Cinema Initiative and the recognized software suite easyDCP, Fraunhofer IIS significantly pushed the digitization of cinema. The most recent technological achievement for moving pictures is Realception®, a tool for light-field data processing.

Fraunhofer IIS, based in Erlangen, Germany, is one of 69 divisions of Fraunhofer-Gesellschaft, Europe's largest application-oriented research organization.

For more information, contact amm-info@iis.fraunhofer.de, or visit www.iis.fraunhofer.de/amm.