Press Release

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** Fraunhofer USA Digital Media Technologies,
a division of Fraunhofer USA, Inc., promotes
and supports the products of Fraunhofer IIS
in the U.S.*

Fraunhofer IIS Launches Verification Program for HE-AAC Decoder Implementations

Licensees of Fraunhofer's HE-AAC decoder use test tool to verify outstanding audio quality

Fraunhofer IIS, the world's renowned source for audio and multimedia technologies, today announced the Fraunhofer Verification Program. The program enables licensees of Fraunhofer's HE-AAC decoder to verify the audio quality of their implementations. Customers such as manufacturers of consumer electronics, broadcast equipment and mobile streaming equipment who successfully participate in the Verification Program may be listed with their verified implementations.

The decoder implementations must pass 100 percent of the verification tests in several real-life scenarios, which include streaming capabilities. For this purpose, Fraunhofer IIS provides a broad selection of test bitstreams and a test tool which helps to reduce development and implementation time, enabling a faster time to market.

"Fraunhofer is well known in the industry for its expertise in the development of audio coding technologies and the outstanding quality of its implementations," said Harald Popp, head of Multimedia Realtime Systems, Fraunhofer IIS. "The verification program allows customers to ensure that they offer high quality audio and multimedia experiences to the end user."

HE-AAC is the standard codec in bit-rate sensitive applications including mobile media streaming as well as TV and radio broadcasting systems, such as DVB, DAB+, ATSC-M/H,

ISDB and Digital Radio Mondiale. The HE-AAC codec supports multi-channel broadcasting in excellent quality at only 160 kbit/s, which is less than half the bitrate of other surround codecs Fraunhofer offers optimized HE-AAC implementations for a broad range of computer platforms, DSPs and embedded processors.

For more information, visit http://www.iis.fraunhofer.de/en/bf/amm/.

About Fraunhofer

The Fraunhofer IIS Audio and Multimedia division, based in Erlangen, Germany, has been working in compressed audio technology for more than 20 years and remains a leading innovator of technologies for cutting-edge multimedia systems. Fraunhofer IIS is universally credited with the development of mp3 and co-development of AAC (Advanced Audio Coding) as well as technologies for the media world of tomorrow, including MPEG Surround, MPEG Spatial Audio Object Coding and the Fraunhofer Audio Communication Engine.

Through the course of more than two decades, Fraunhofer IIS has licensed its audio codec software and application-specific customizations to at least 1,000 companies. Fraunhofer estimates that it has enabled more than 1 billion commercial products worldwide using its mp3, AAC and other media technologies.

The Fraunhofer IIS organization is part of Fraunhofer-Gesellschaft, based in Munich, Germany. Fraunhofer-Gesellschaft is Europe's largest applied research organization and is partly funded by the German government. With 18,000 employees worldwide, Fraunhofer-Gesellschaft is composed of 60 Institutes conducting research in a broad range of research areas. For more information, contact Matthias Rose, matthias.rose@iis.fraunhofer.de, or visit www.iis.fraunhofer.de/amm.

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