

Herzogenrath (Germany), December 16, 2014.

## **New HEAD acoustics Revision of 3GPP Specifications TS 26.131/32 for LTE**

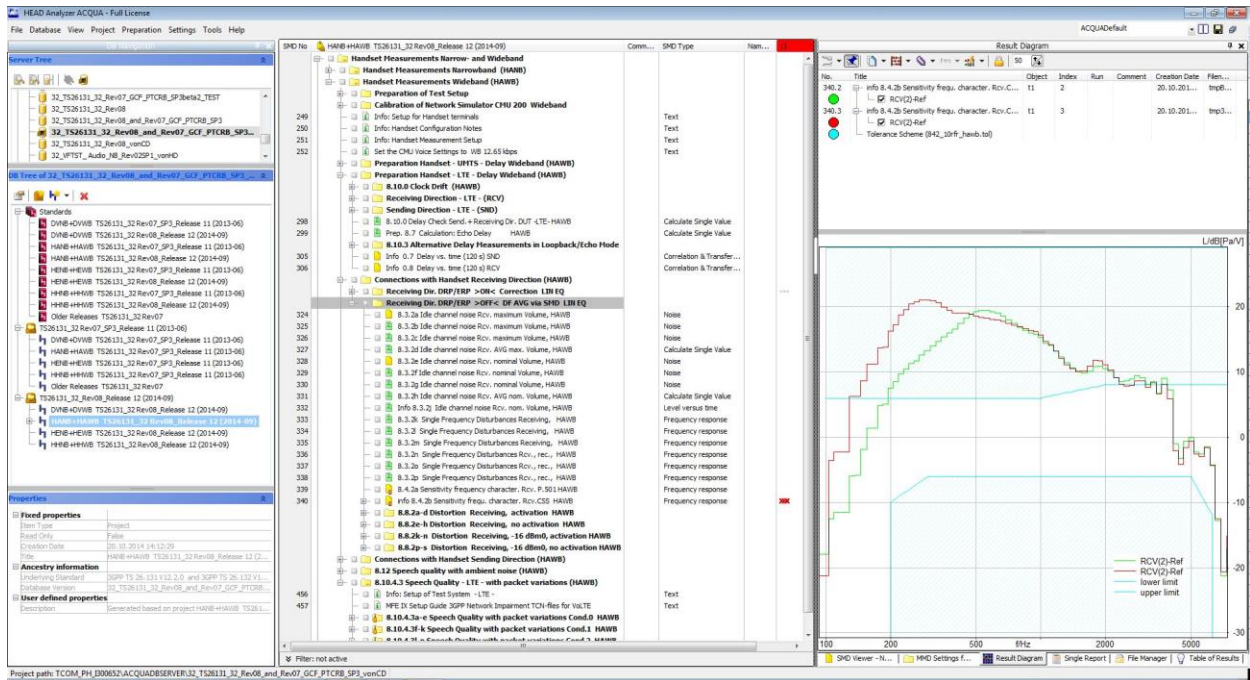
The 3GPP specifications TS 26.131 and TS 26.132 have again undergone a major revision that led to the recent publication of Release 12. HEAD acoustics is the first test solution provider to have implemented Release 12.

Experts agree that Release 12 of the 3GPP specifications constitutes an important step forward in the global standardization of wideband-capable telecommunication devices including LTE terminals. Numerous measurements have been modified or added in order to establish a close-to-reality and forward-looking standard:

- LTE speech quality measurements have been introduced with the latest version of Release 12 and have been implemented in the latest revision of the measurement standard TS26131-32 for the HEAD acoustics communication analysis system ACQUA.
- VoLTE specific measurements require MFE IX (or another IP network simulator). The network impairments (TCN file) according to TS 26.131/32 are included in the delivery of the ACQUA measurement standard and can easily be uploaded to MFE IX.
- Configuration methods for different LTE radio testers are now available.
- The use of MFE VIII.1 as reference gateway offers considerable advantages, particularly with regard to delay and jitter handling.
- Despite the added features, the price of the measurement standard has not been changed.

The new revision of the measurement standard TS26131-32 is available for HEAD acoustics customers with valid software maintenance agreement (SMA) by download as of now. It requires the new ACQUA version 3.2.200 with ACOPT 21 (3QUEST) and the corresponding standard license as well as further components. An updated data sheet for TS26131-32 is available from the HEAD acoustics download center at [www.head-acoustics.de](http://www.head-acoustics.de)

For more details on system requirements, availability and prices, please contact the HEAD acoustics Telecom sales team via [telecom@head-acoustics.de](mailto:telecom@head-acoustics.de).



Screenshot of TS26131\_32 in communication analysis system ACQUA

For immediate release.

In case of publication please notify and/or provide printed copy!

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**About HEAD acoustics GmbH:**

HEAD acoustics was founded in 1986 and has been involved in noise and vibration, electroacoustic and voice quality testing since its inception. HEAD acoustics is based in Herzogenrath, Germany, with affiliates in USA, Japan and France as well as a world-wide network of representatives. The Telecom Division of HEAD acoustics manufactures network test equipment and provides consulting services in the field of speech and audio quality. Moreover, HEAD acoustics closely co-operates with DECT Forum, ETSI, ITU-T, 3GPP, TTA, GSMA and other standardization bodies with regard to the development of quality standards for voice transmission and speech communication. In many partnership projects, HEAD acoustics has proven its competence and capabilities in conducting tests and optimizing communication products with respect to speech and audio quality under end-to-end as well as mouth-to-ear scenarios.