

Herzogenrath (Germany), March 2015.

TS 102 924/925: Now testing speech quality of superwideband and fullband terminals

With TS 102 924/925 HEAD acoustics has now implemented the first measurement standard for the communication quality analysis system ACQUA for testing speech quality of superwideband and fullband terminals.

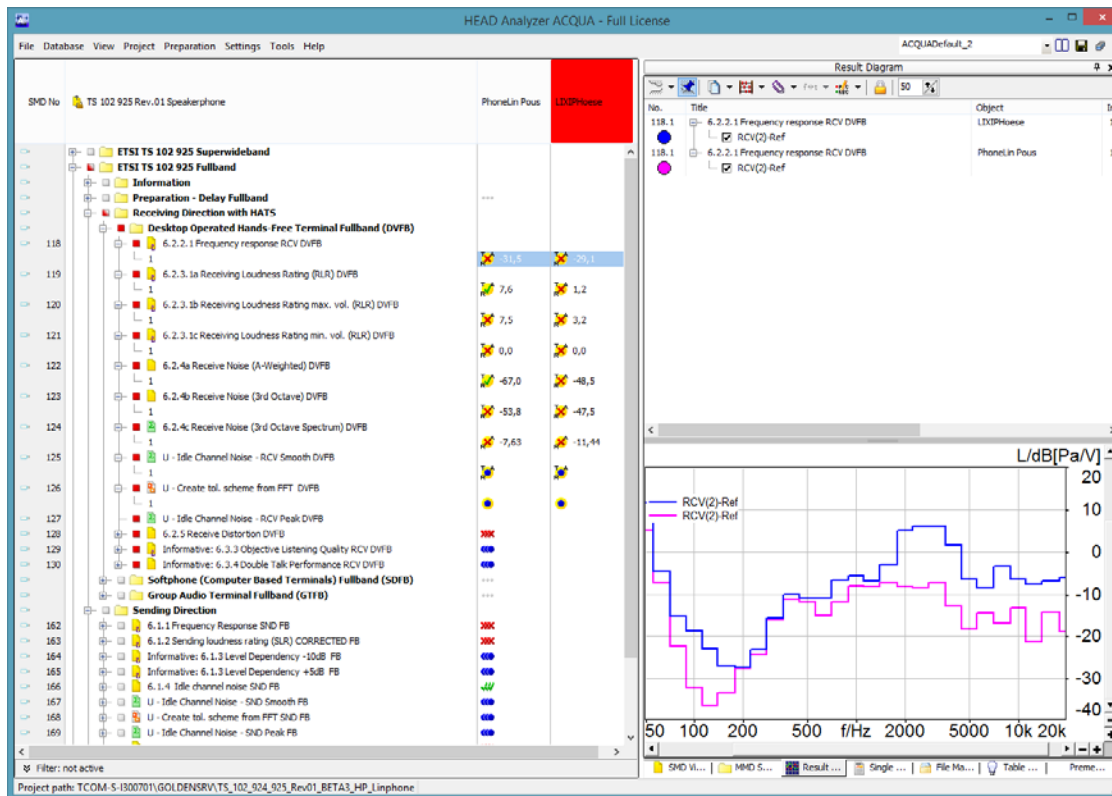
The tests implemented in the standard cover basic electro-acoustic performance aspects - for both, hands-free and headset configurations. The requirements of TS 102 924/925 are specified in „ETSI Speech and multimedia Transmission Quality (STQ); Transmission requirements for Superwideband/Fullband handsfree and conferencing terminals from a QoS perspective as perceived by the user“. The user can change, adapt or modify the measurements in the HEAD acoustics test suite if needed, to create individual test sequences.

„In order to perform measurements of standard TS 102 924/925 the user requires among others ACQUA as well as our measurement front ends MFE VI.1 and MFE VIII.1. Thanks to the predefined measurement descriptors and automated measurement sequences, the user has a significant benefit: The measurement data can be acquired, analyzed and documented fast and easy,“ says Christian Schüring, Sales Manager Telecom at HEAD acoustics.

In addition to TS 102 924/925 HEAD acoustics has now implemented another standard: CTIA-2014. This standard contains test methods to assess minimum performance requirements for UMTS/GSM and CDMA mobile terminals. The tests implemented in CTIA-2014 cover requirements for handset, handheld hands-free and headset configurations.

For further information please contact your regional HEAD acoustics representative or the HEAD acoustics Telecom sales team in Germany.

Images:



ACQUA user interface with measurement tree and result diagram window for TS 102 924/925

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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 telecom 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, TIA CTIA, 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.