INTERNATIONAL TELECOMMUNICATION UNION

TELECOMMUNICATION STANDARDIZATION SECTOR

STUDY PERIOD 2013-2016

STUDY GROUP 12

TD 80 (GEN/12)

English only

Original: English

Question(s): 5/12 Geneva, 19-28 March 2013

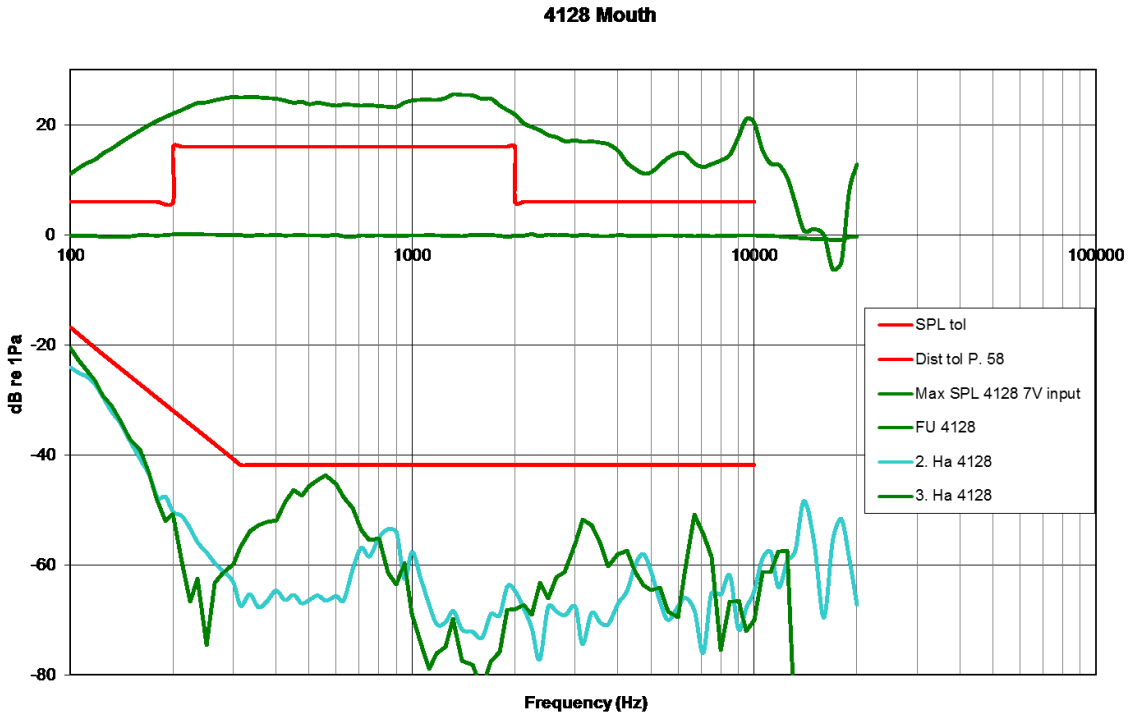
TD

Source: Acting Rapporteur Q5/12

Title: Measurements of B&K HATS mouth Type 4128

This document provides information about the capabilities of the Brüel & Kjær artificial mouth incorporated in Type 4128.

All measurements were performed in an anechoic room at the MRP with a ¼ inch pressure microphone. The mouth's frequency response was measured using a stepped sinusoidal signal ranging from 100Hz to 20kHz and applied in 1/12 octave steps. The equalized frequency response was achieved by using a simple level adjustment for each frequency. Distortion measurements were performed after equalising the mouth's frequency response. For frequencies from 100Hz to 20kHz in 1/12 octave steps, the total harmonic distortion was measured at 0dBPa.



Contact: Lars Birger Nielsen
Brüel & Kjær
Denmark

Tel: +45 77 41 26 01
Fax: +45 45 80 14 05
Email: lbnielsen@bksv.com

Attention: This is not a publication made available to the public, but **an internal ITU-T Document** intended only for use by the Member States of ITU, by ITU-T Sector Members and Associates, and their respective staff and collaborators in their ITU related work. It shall not be made available to, and used by, any other persons or entities without the prior written consent of ITU-T.