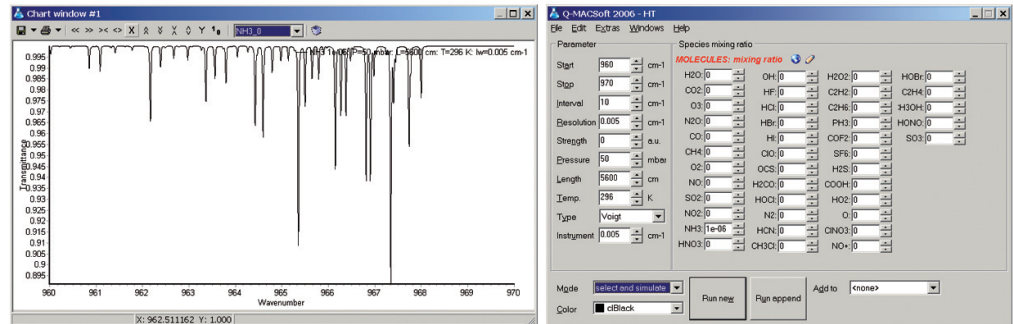


Q-MACSoft 2.0-HT

SPECTRA SIMULATION SOFTWARE



technical specification

The Q-MACSoft 2.0-HT allows an easy access to the spectroscopic parameters of the HITRAN [1] database.

HT features

- extraction of user selected parts of the HITRAN database
- support of HITRAN file formats version `96 and above
- display of spectral line strengths simulated using the selection and user defined parameters
- easy to handle graph windows assist when aligning an absorption spectrometer by identifying the spectral region
- storage of selected parts of the HITRAN database for use in a variety of spectroscopic applications
- storage of simulated spectral curves as text or bitmap files for using in reports and documentations

[1] Journal of Quantitative Spectroscopy and Radiative Transfer, vol 96, 139-204 (2005)