

Abstracts

Dispersive Fourier Transform Spectrometry with Variable-Thickness Variable-Temperature Liquid Cells

M.N. Afsar, D.D. Honijk, W.F. Passchier and J. Goulon. "Dispersive Fourier Transform Spectrometry with Variable-Thickness Variable-Temperature Liquid Cells." 1977 Transactions on Microwave Theory and Techniques 25.6 (Jun. 1977 [T-MTT] (Special Issue on the Proceedings of the Second International Conference on Submillimeter Waves and Their Applications)): 505-508.

Dispersive Fourier transform spectrometry (DFTS) of liquids with variable-thickness variable-temperature cells is described. Different evaluative and computational methods are discussed and comparisons with the free layer method are shown with the aid of experimental results. Data for germanium and liquid chlorobenzene are presented.

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