

Abstracts

A Proposed Microwave and Millimeter-Wave Spectrum Analyzer (Short Papers)

J.D. Cohen. "A Proposed Microwave and Millimeter-Wave Spectrum Analyzer (Short Papers)." 1989 Transactions on Microwave Theory and Techniques 37.6 (Jun. 1989, Part I [T-MTT]): 1054-1057.

A system is proposed which performs real-time spectrum analysis of large-bandwidth radio frequency signals. The apparatus allows the simultaneous monitoring of all frequencies within the band of interest, and operates in the presence of multiple frequencies. The approach also overcomes the slowness and ambiguity of scanning methods.

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