

Abstracts

Mode Suppressor for Dielectric Resonator Filters

C.L. Ren. "Mode Suppressor for Dielectric Resonator Filters." 1982 MTT-S International Microwave Symposium Digest 82.1 (1982 [MWSYM]): 389-391.

The presence of tuning screws can shift spurious modes resonance of the dielectric resonators to frequency close to or even equal to resonant frequency of the principal mode, therefore interfering with the filter's performance. A simple mode suppressing scheme is presented to solve this potentially serious problem.

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