

# Abstracts

## 800 MHz Band Dielectric Channel Dropping Filter Using TM<sub>110</sub> Triple Mode Resonance

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*T. Nishikawa, K. Wakino, H. Wada and Y. Ishikawa. "800 MHz Band Dielectric Channel Dropping Filter Using TM<sub>110</sub> Triple Mode Resonance." 1985 MTT-S International Microwave Symposium Digest 85.1 (1985 [MWSYM]): 289-292.*

High power and temperature stable "Channel Dropping Filters" for Transmission Multiplexer of base stations have been miniaturized to almost 1/3 the size of the dielectric TM<sub>010</sub> resonator filter by using triple mode resonance, and we reported on this at the last symposium. The triple mode resonator works as resonators of three independent one-section filters. The isolation level between each two filter was about 40dB.

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