

عنوان مقاله:

Simulation and Analysis of Microstrip LPF Mode Impedance Step

محل انتشار:

سومین کنفرانس ملی و اولین کنفرانس بین المللی پژوهش هایی کاربردی در مهندسی برق، مکانیک و مکترونیک (سال: 1394)

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خلاصه مقاله:

Research conducted in this paper, the low-pass filter in the high-frequency and microwave oven Streep deals. Today, the demand on the system and the need for flexibility to adapt the desired filter with the filter signals at high frequencies is much in demand. The design of the filter to the frequency of 8GHz to 12GHz to have the filter design, which is usually adaptive filter in frequency around 10GHz band X-Band with impedance step in the software simulator We design and ADS analyst. This filter is about 60db gain. This filter is not Ghmlkrd than other filters better compatibility and performance for harmonics is done with great flexibility. This filter design described in this article is the macro strip

کلمات کلیدی:

ADS, Attenuation, Harmonic Suppression Insertion Loss, Micro Strip, Stepped Impedance

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