Abstract

A wideband band pass filter with a centre frequency of 2.3 GHz and 3-dB bandwidth of approximately 640 MHz, is designed and fabricated. Transmission line section based circuit configuration is used to design the filter. The critical advantage of this scheme is simple structure and easy realization. The designed filter structure is simulated using Agilent ADS tool.
and the results are in good agreement with the measurement.

Reference


Index Terms

Computer Science Communications

Key words

Microwave filters
band pass filter
transmission line sections
Design and Development of Wideband Band Pass Filter using Signal Interference Technique for 2.4 Ghz Applications

ADS

micro strip line