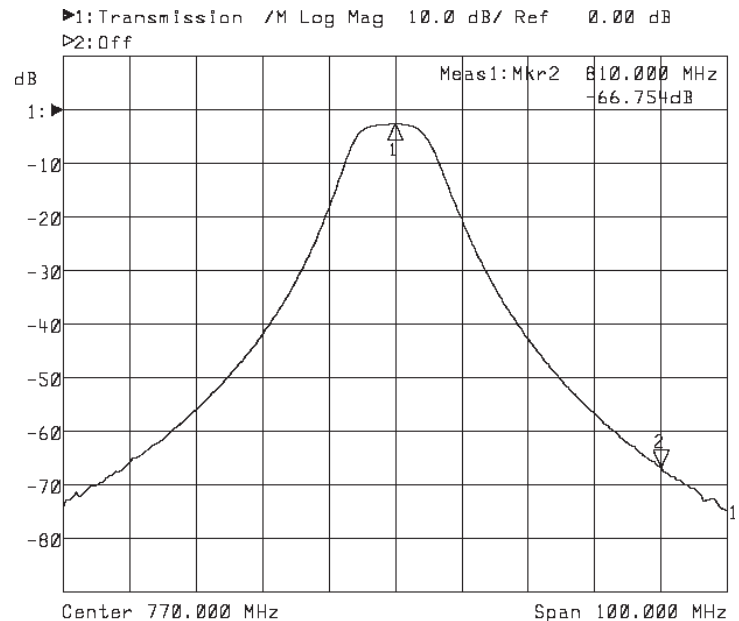


BPF-7704 Pre-Selector Filter Instruction Sheet

Introduction

The BPF-7704 is a 4 cavity, high-Q bandpass filter designed to reduce interference in the SVR-200MCN or SVR-250MC vehicular repeater when used with an 700/800 MHz mobile. The bandpass filter is tuned to the SVR frequency, and installed on the vehicular repeater coax to protect the SVR receiver's front end from overloading in the presence of a high power mobile transmitter.

The BPF-7704 provides up to 65db of attenuation with minimal insertion loss (<2db) at 45 MHz spacing. *The frequency separation between the mobile transmitter and the SVR must be 25 MHz or greater.*



Specifications

Frequency Range	764-776 MHz
Band Rejection	-65db typical @ 45 MHz
3db Bandwidth	10MHz
Insertion Loss	<2db
Power Handling	20W Max

Installation

Install the BPF-7704 between the SVR Vehicular Repeater and the antenna as shown. The BPF should be as close to the SVR as possible. Use RG-142 or similar high quality double shielded cable.

