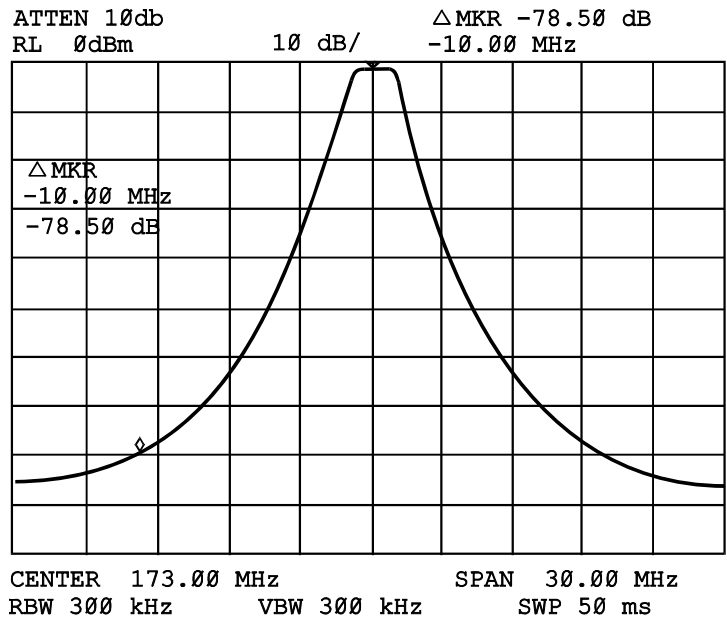


BPF-1604 Pre-Selector Filter Instruction Sheet

Introduction

The BPF-1604 is a 4 cavity, high-Q bandpass filter designed to reduce interference in the SVR-200VB or SVR-250VB vehicular repeater when used with a VHF 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-1604 provides up to 75db of attenuation with minimal insertion loss (<2db) at 10 MHz spacing. *The frequency separation between the mobile transmitter and the SVR must be 5 MHz or greater.*



Specifications	
Frequency Range	150-175 MHz
Band Rejection	-75db typical @ 10 MHz
3db Bandwidth	2MHz
Insertion Loss	<2db
Power Handling	20W Max

Installation

Install the BPF-1604 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.

