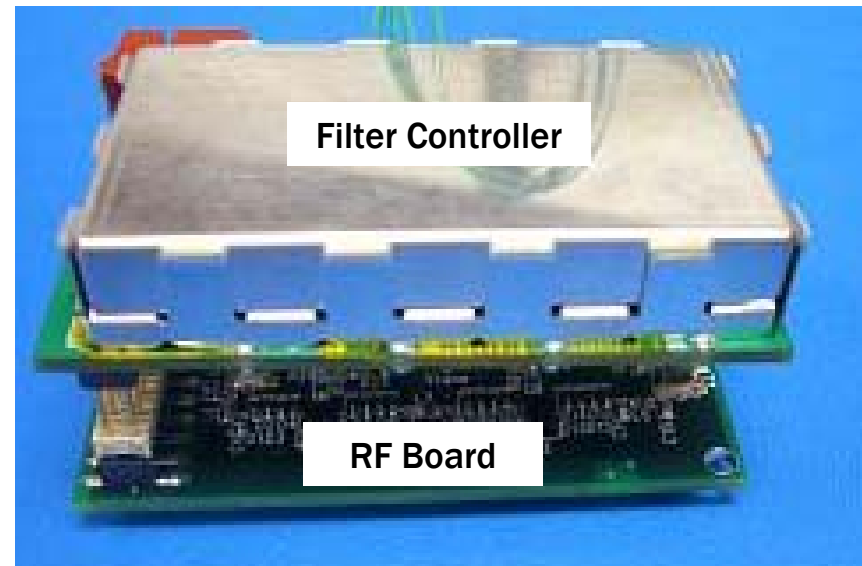
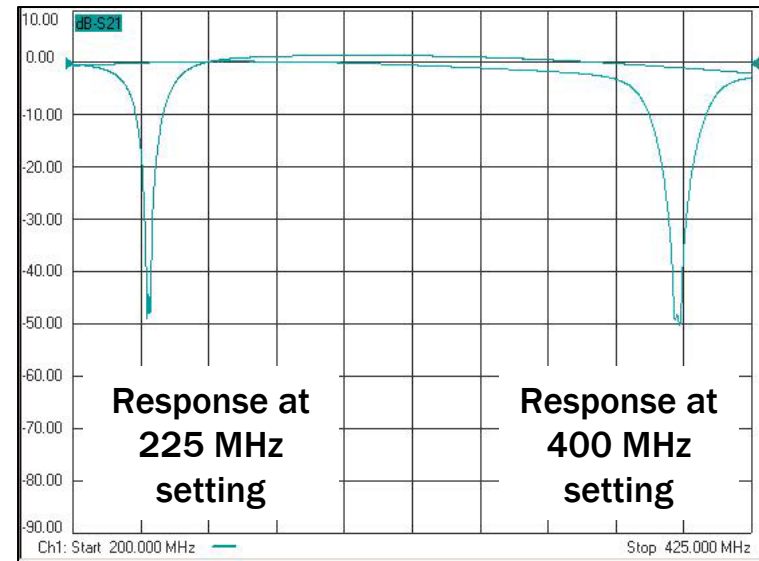


Tunable Notch Filter SSC TF-002

The TF-002 Tunable Notch Filter operates from 225-400 MHz and provides a very deep (> 45 dB) notch. Typical applications include reduction of co-site signals to improve receiver sensitivity.

- Unique bridge type filter design provides much higher “Q” than conventional notch circuits
- Temperature compensation precisely sets the notch frequency to the commanded frequency value
- Multiple TF-002 filters can be cascaded to provide multiple, independent notch frequencies
- Modular controller/RF board design
- Different RF operating frequency range upon special request



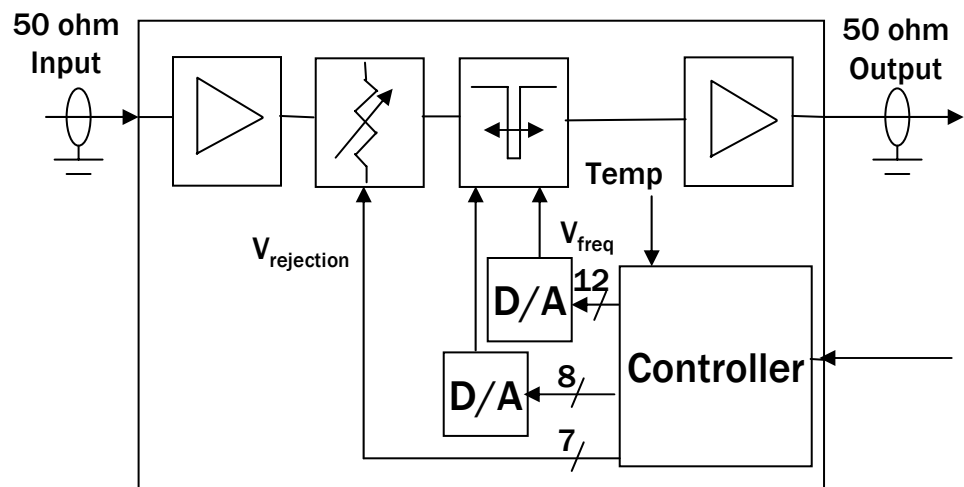
For Further Information Contact:

Shared Spectrum Company

1595 Spring Hill Road, Suite 110
Vienna, VA 22182
(703) 761-2818 x103
Sales@sharedspectrum.com
www.sharedspectrum.com



Tunable Notch Filter SSC TF-002



-3 dB Bandwidth	<25 MHz
-40 dB Bandwidth	>1.0 MHz
Tuning Range	225 MHz to 400 MHz
Insertion Loss	0 dB nominal (filter insertion loss varies from 7 dB to 14 dB across the band, which is compensated for using amplifiers and digital attenuator)
Input IP3	+18 dBm with amplifier and attenuators to normalize insertion loss to 0 dBm, +40 dBm for RF section alone (7 dB to 14 dB of insertion loss)
Max Input Signal	13 dBm
Noise Figure	< 16 dB
Temperature Compensation	20° to 70° C
Control	SPI and RS-232
Size	1.5" x 2.5" x 1"

