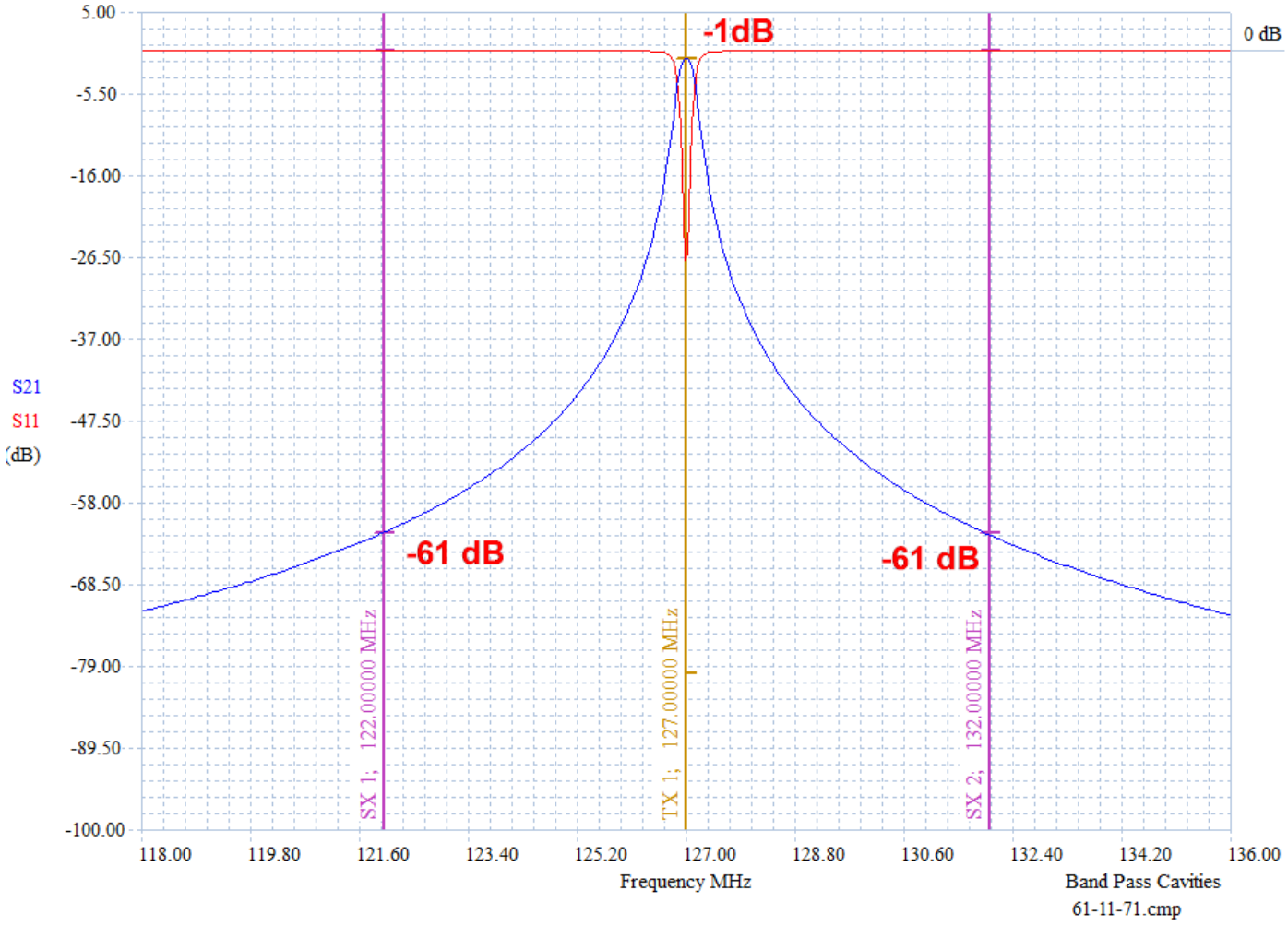
BAND PASS CAVITY 108-137 MHz

61-11-72

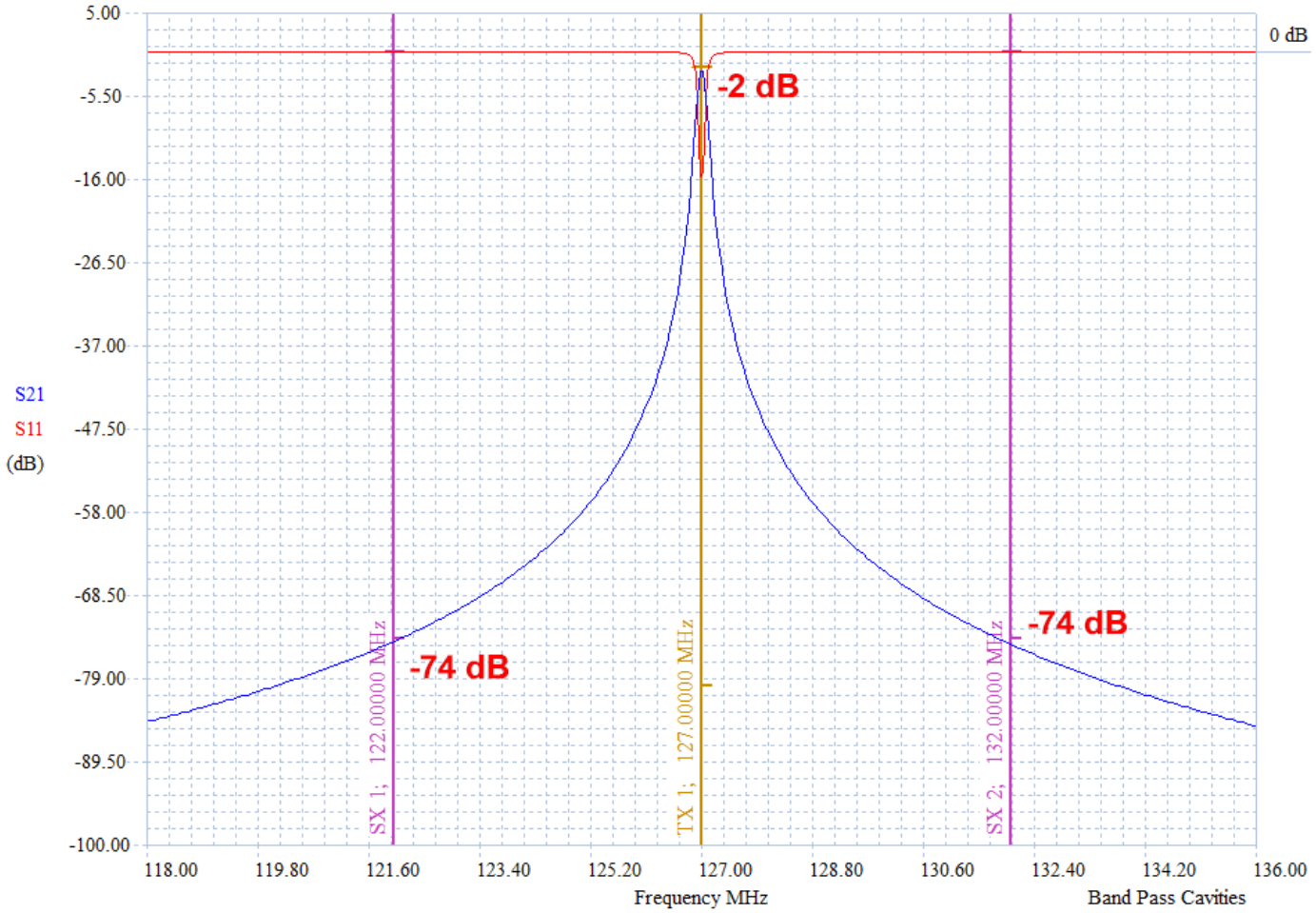
Our Dual Band Pass filters are designed for minimizing interference from adjacent channels and outside systems. They are available in single units. Selectivity can be determined by the insertion loss of the cavity or by adding additional cavity units as needed. Each cavity is temperature compensated for operation between -40ºC to +60ºC. Each cavity has a gold Alodine finish, silver-plated loops and silver-plated tuning rods. Every cavity is equipped with coarse and fine-tuning rods for quick and easy field or lab re-tuning.

- Temperature Compensation
  - Ensures Frequency Stability
- High Attenuation
  - Minimizes desense and interference from adjacent systems
- Adjustable Loops
  - Each cavity has a calibration index to reference insertion loss

Electrical Specifications	61-11-72
Frequency Range, MHz (in splits)	108-137
Frequency Spacing Min.	Please Refer to Typical Curves
Cavity Diameter, in	6.625
Continuous Power Input, Watts (Dependent on insertion Loss)	150
Connectors	N Female
Insertion Loss. dB	0.6-1.5
Reject Attenuation	Please Refer to Typical Curves
VSWR	1.22:1
Temperature ºC	-40º to +60º
Mechanical Specifications	**61-11-72**
Maximum length, in	40
Weight, lbs	36



Two cavities cascaded tuned at 0.5 dB each



Two cavities cascaded tuned at 1 dB each