



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

2427 MHz WiFi Cavity Bandpass Filter for outdoor

Part Number: WiFi2427-40



Electrical specifications

- Center Frequency:** 2427 MHz
- 1dB Bandwidth:** 22 MHz
- Insertion loss:** 3 dB max (2 dB typ)
- Return loss:** 15 dB min (18 dB typ)
- Ripple:** 1.2 dB max
- Rejection 1:** 30 dB min@Fo+/- 20 MHz
- Rejection 2:** 60 dB min@Fo+/-25 MHz
- Rejection 3:** 90 dBc min@2*Fo+/-22 MHz
- Power Handling:** 50 Watts

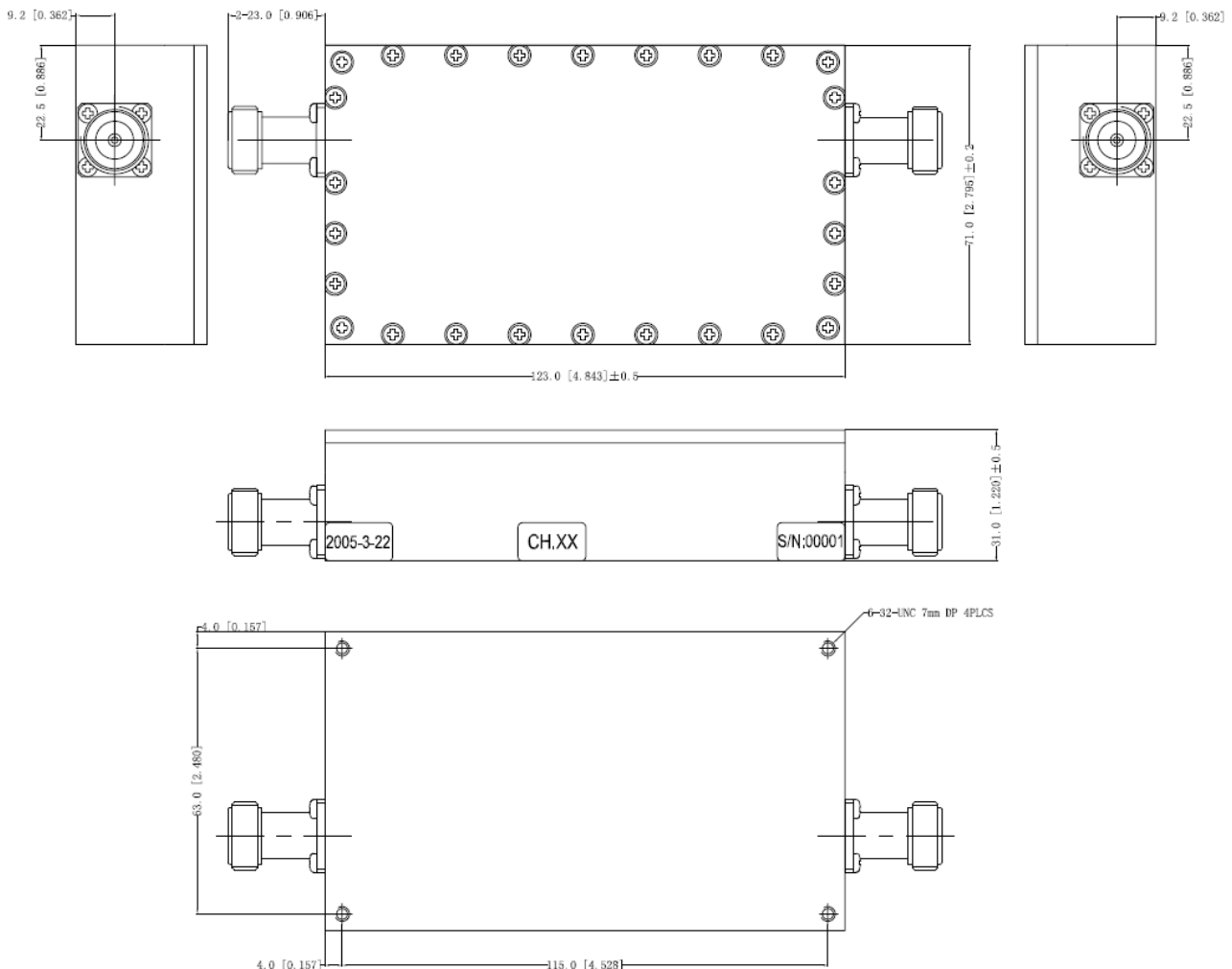
Mechanical

- Mounting Method:** Threaded Mounting Holes
- Connector Type:** N-Type Female
- Dimensions:** 4.83" x 2.79" x 1.22" in

Environmental

- Operating Temperature:** -40 to +85 deg.C
- Storage Temperature:** -55 to +95 deg.C
- Shock:** 20 G. 11ms
- Vibration:** 20 G. 5 to 200 MHz

Outline Drawing:





Response Plot:

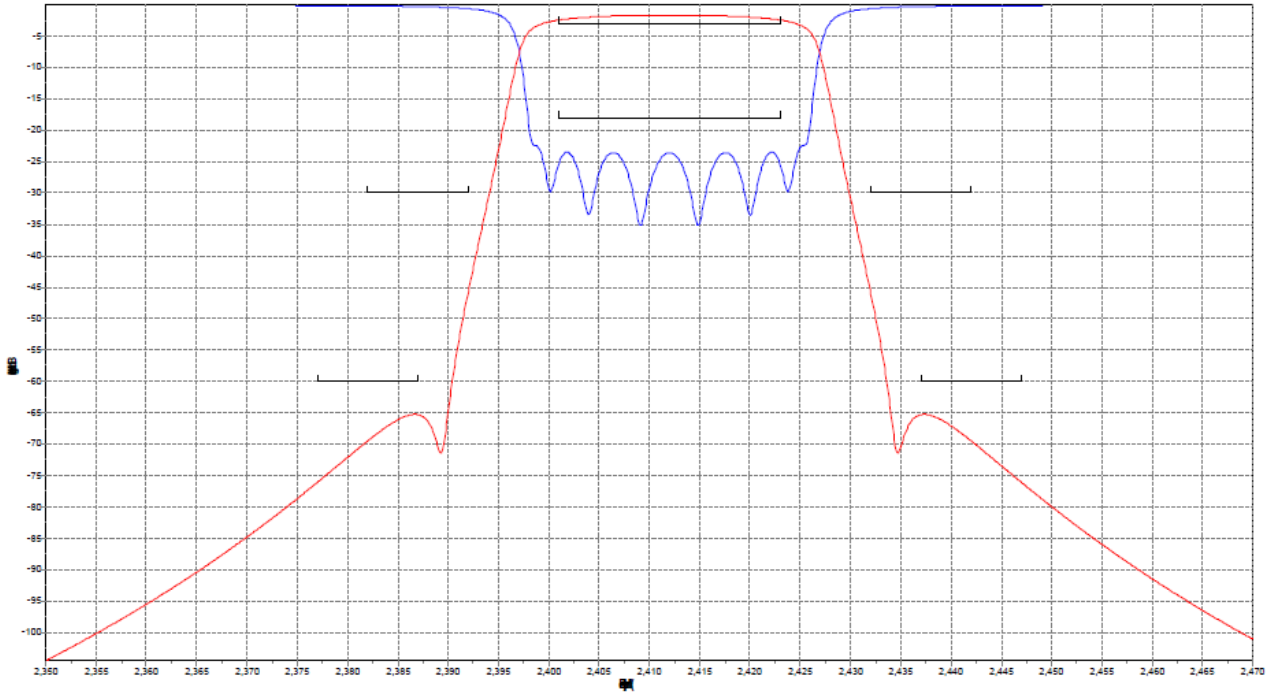


Fig.1 Return Loss and Rejection

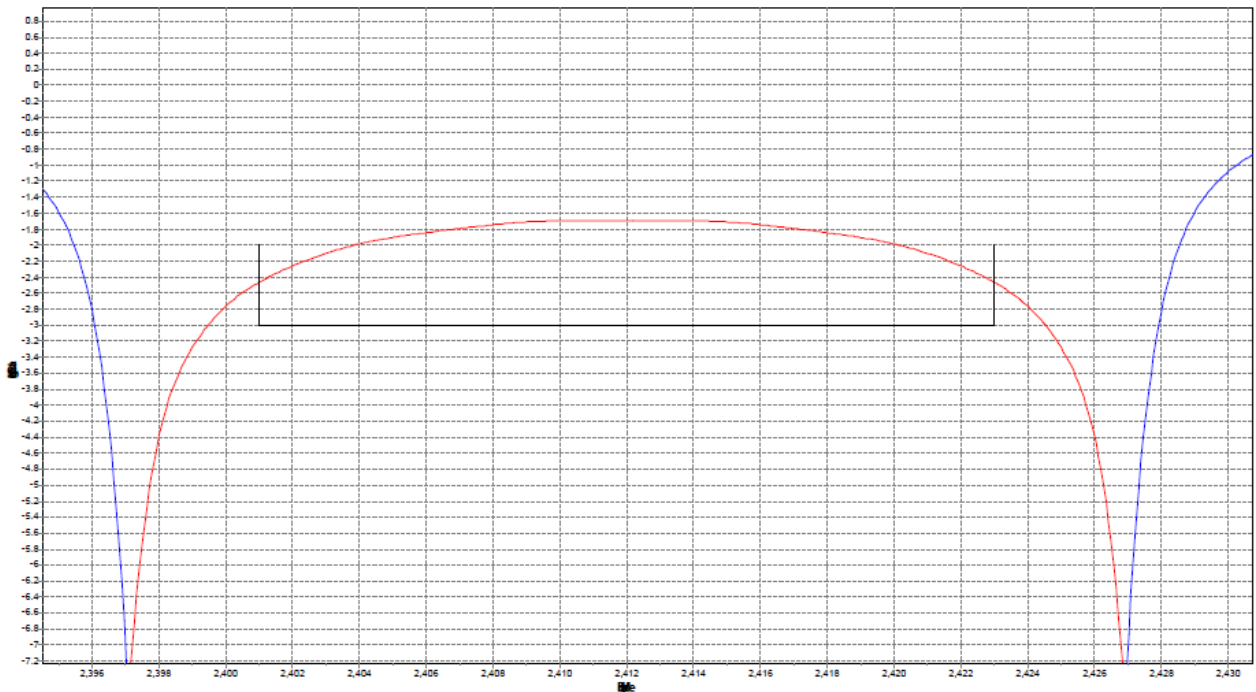


Fig.2 Insertion Loss and Ripple