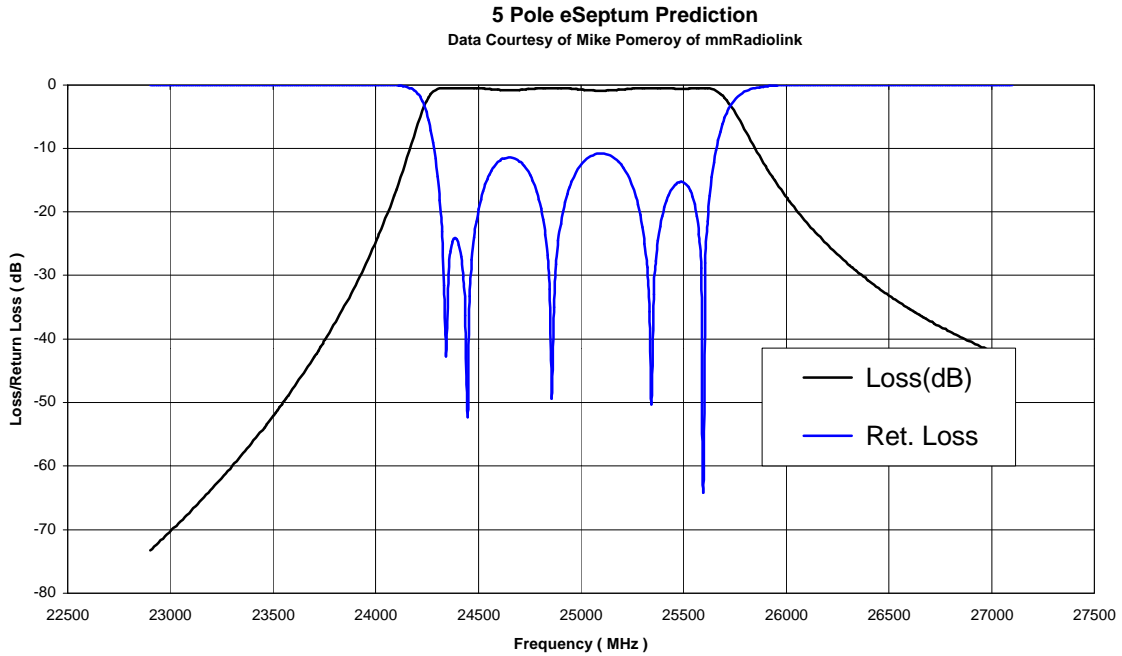


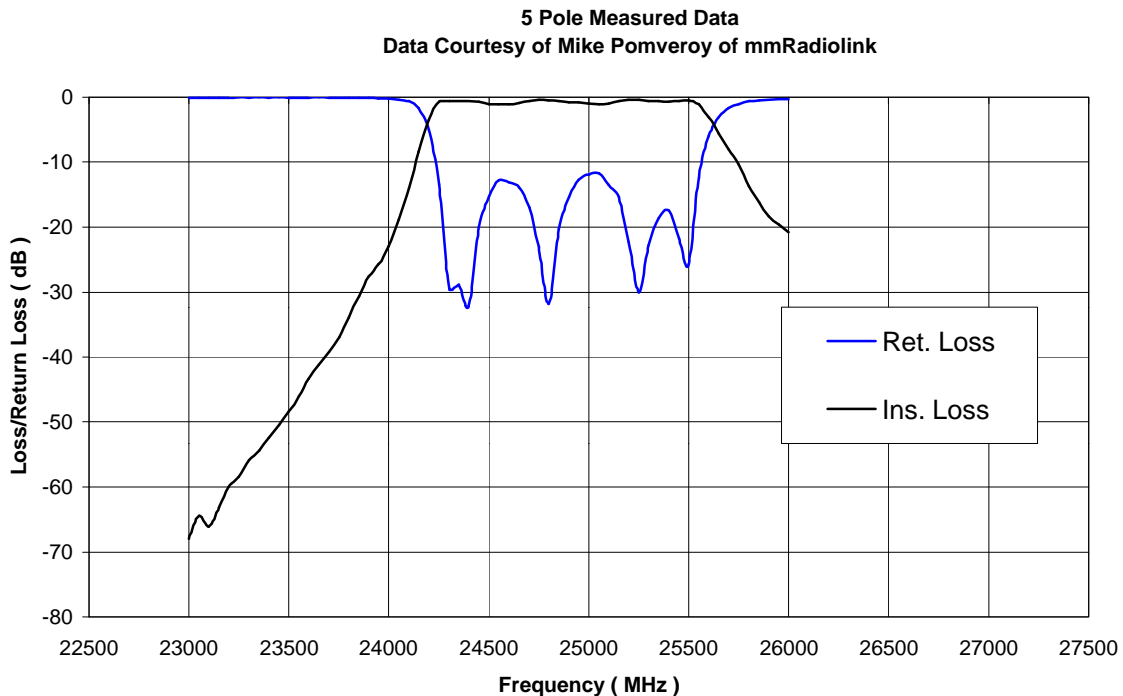
# Filter Data, Predicted vs. Actual (5, 6, 7 and 3 pole filters)

(Data courtesy of Mike Pomeroy, mmRadiolink)

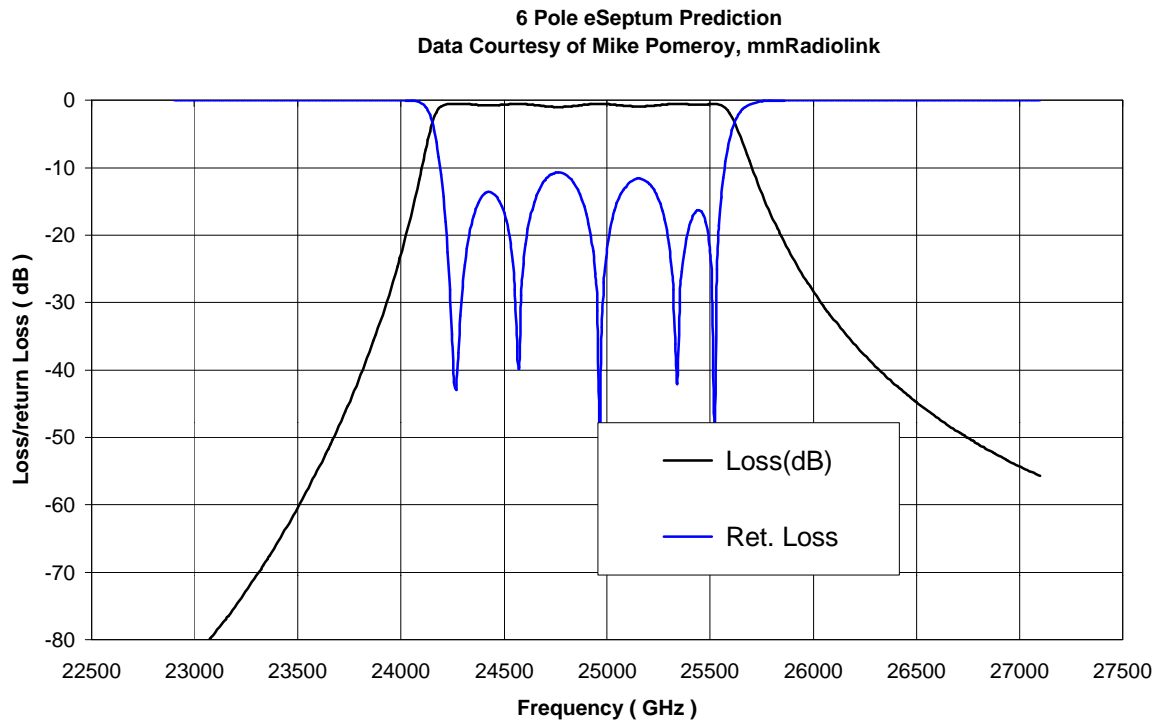
eSeptum prediction based on **measured mechanical dimension** from the waveguide parts and septum spaces / widths (accurate to 1 micron according to Mike Pomeroy of mmRadiolink). Filter inserts were 6mil thick silver plated brass.



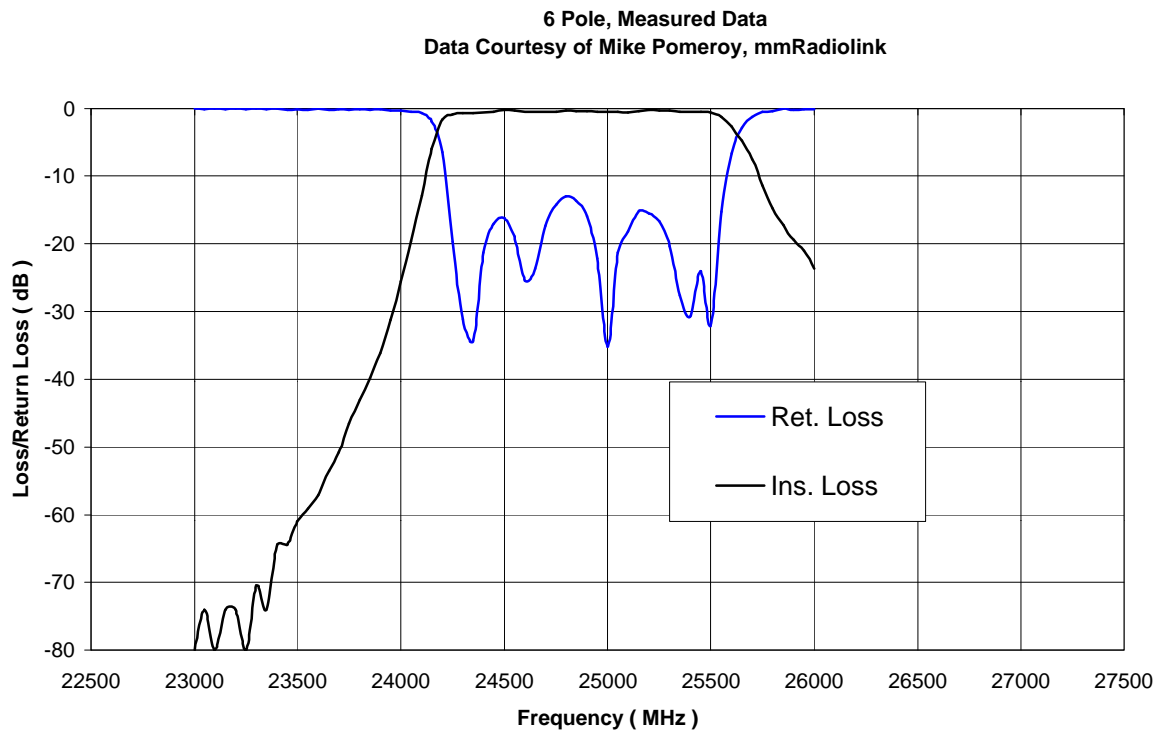
5 Pole filter, actual data after above filter was assembled.



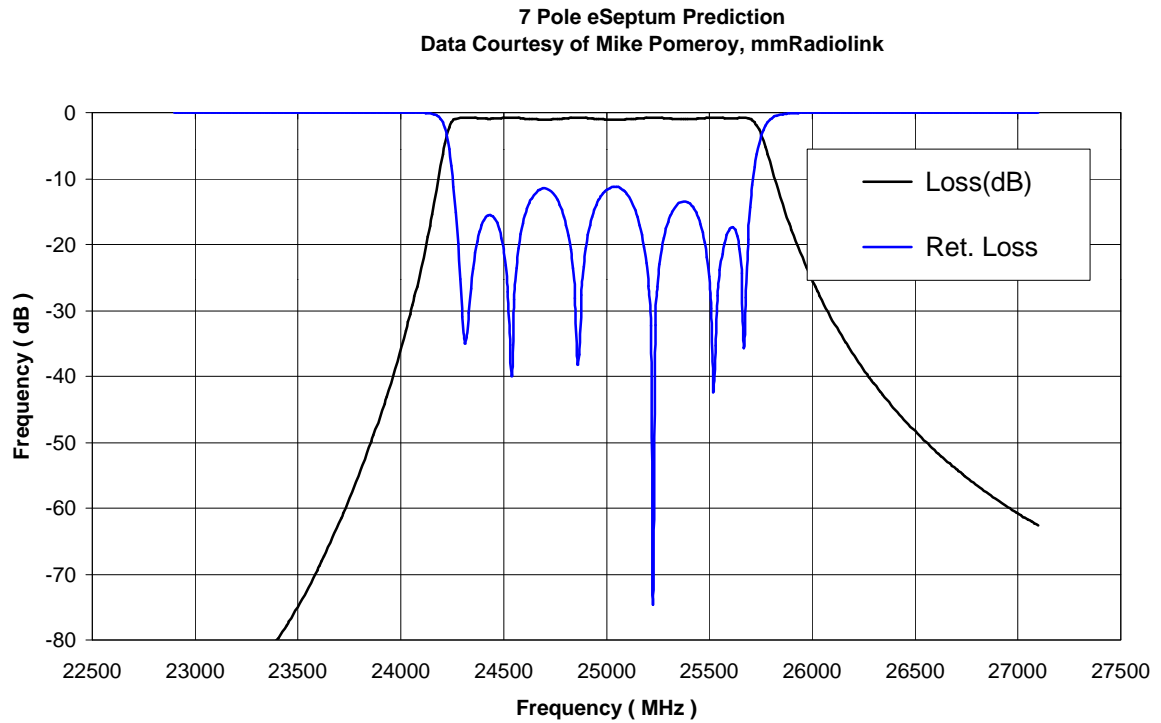
6 pole eSeptum prediction based on mechanical dimensions..



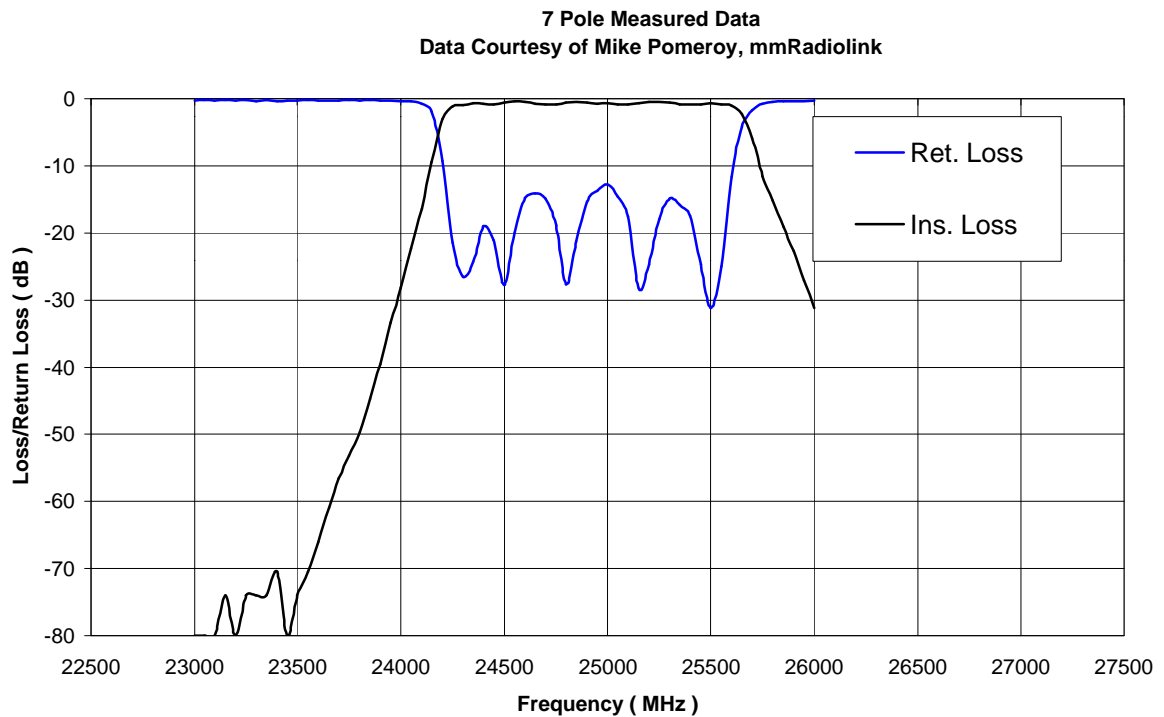
6 poles measured data (mmRadiolink)



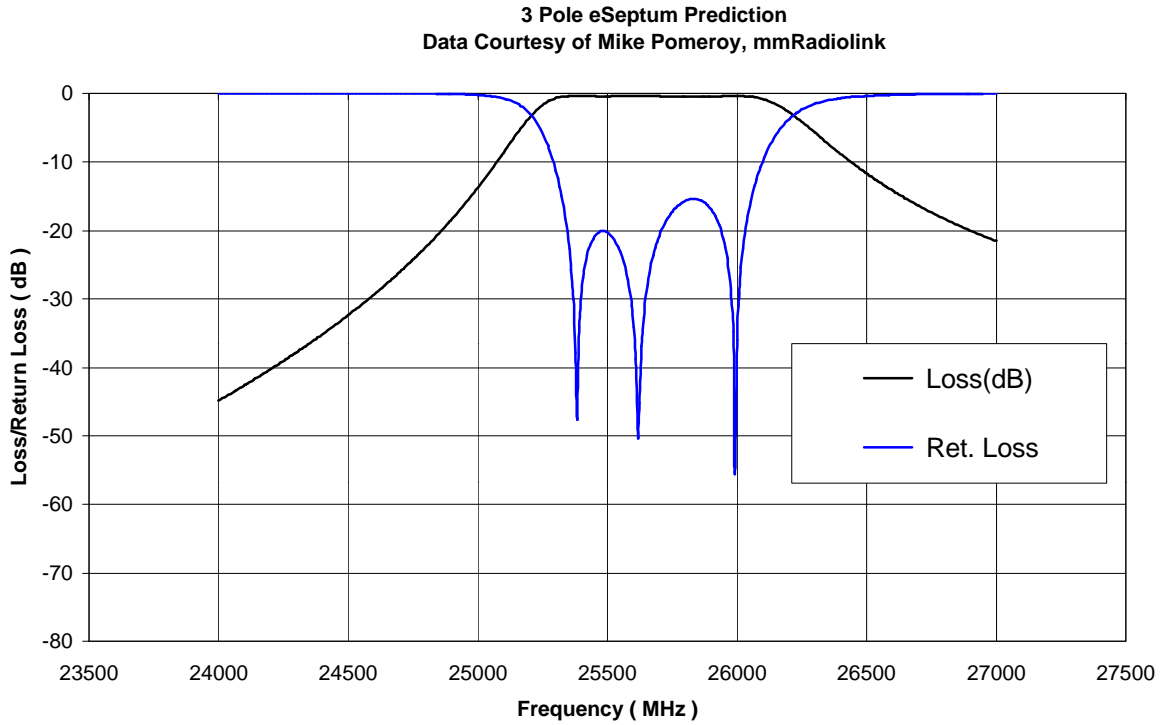
## 7 pole eSeptum prediction based on mechanical dimensions..



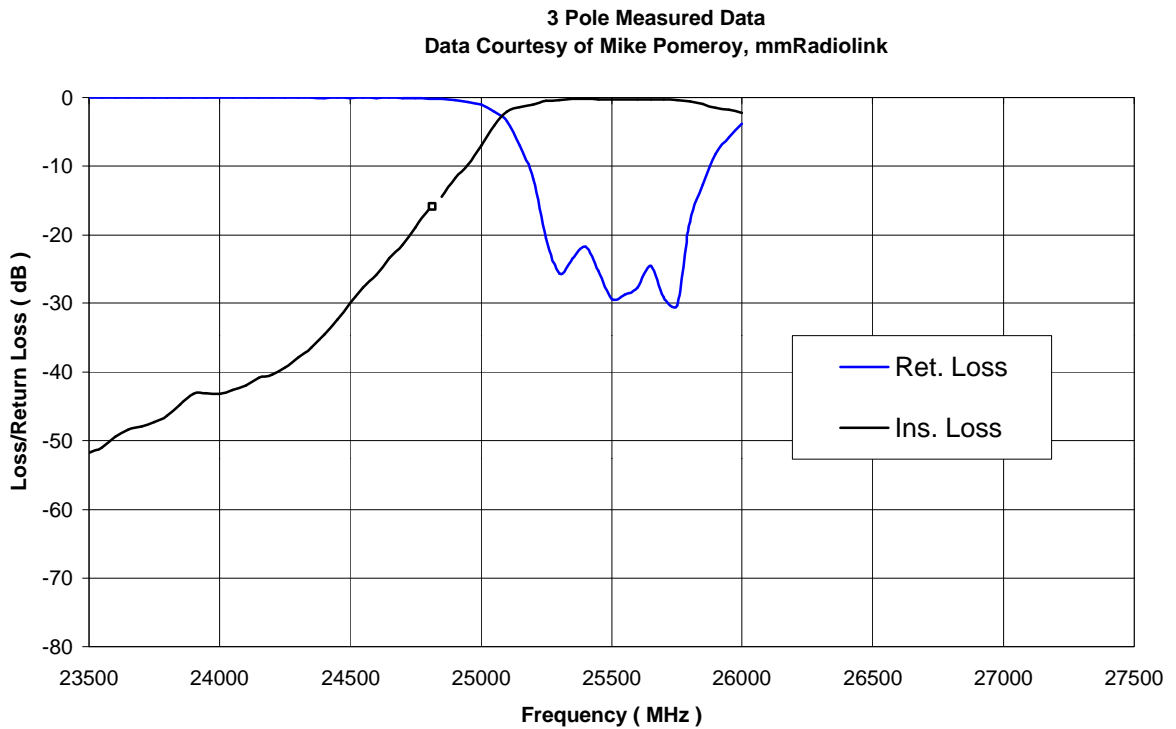
## 7 poles measured data (mmRadiolink)



### 3 pole eSeptum prediction based on mechanical dimensions



### 3 poles measured data (mmRadiolink)



End of Report