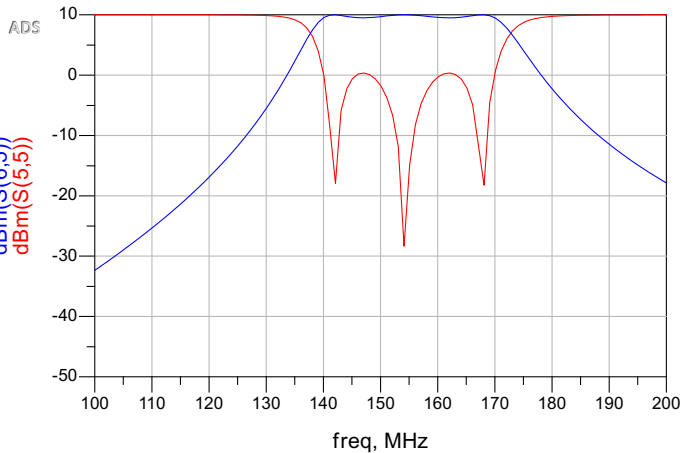
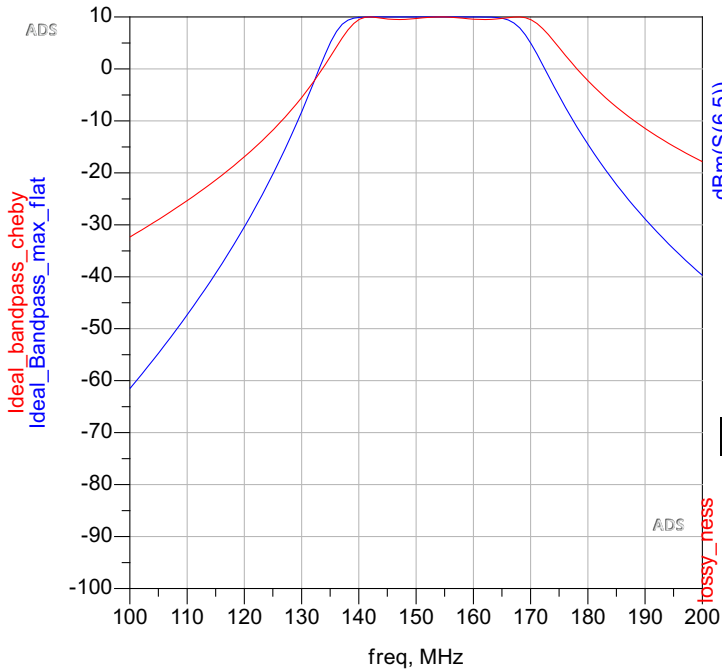


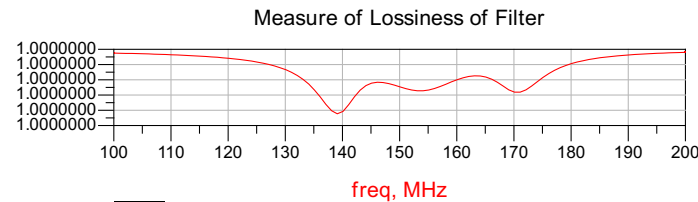
Eqn Ideal_bandpass_cheby = dbm(S(5,6))

Eqn Ideal_Bandpass_max_flat=dbm(S(2,1))

Unit is dBm



Eqn lossy_ness = mag(S(5,5))*mag(S(5,5))+mag(S(6,5))*mag(S(6,5))



Max flat:
Has N = 8, a lot of components.
Some components cannot be purchased
because it's not realistic

Cheby:
Has N = 3, all components seems purcha-able
Not sure if they are all realistic

Eqn S21_bw3dB = bandwidth_func(db(S65),0)

Eqn fc3 = center_freq(db(S65), 3)

S21_bw3dB	fc3
3.891E6	1.553E8