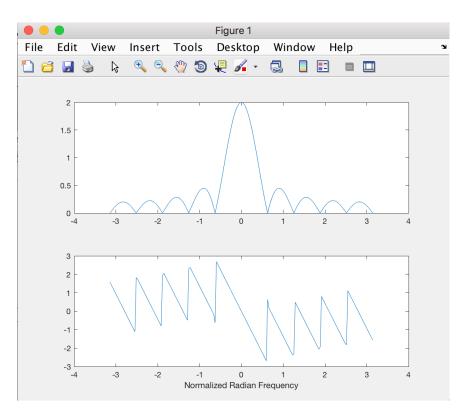
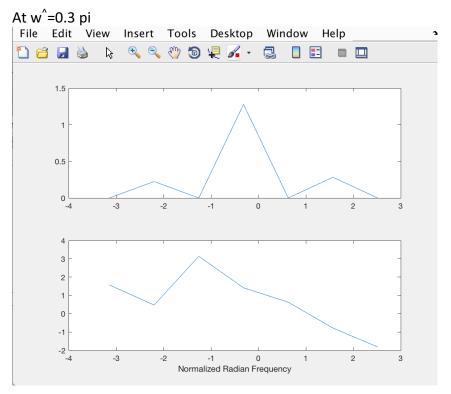
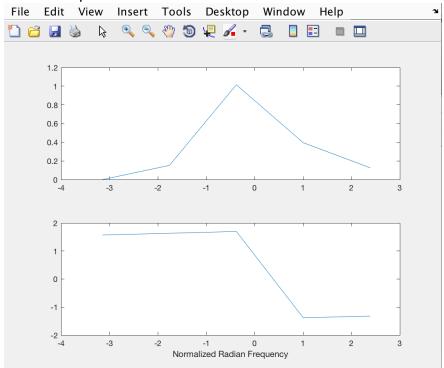
2.

a.

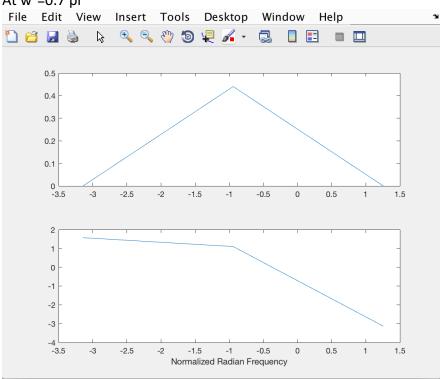




At w^=0.44 pi



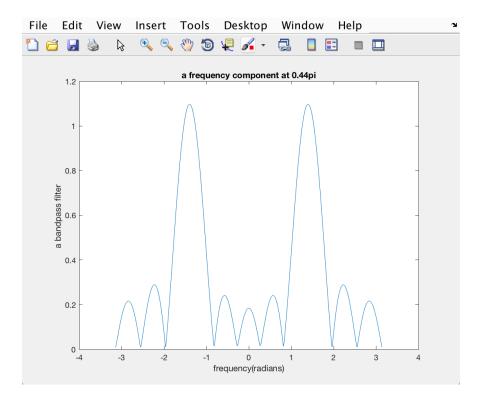




b.

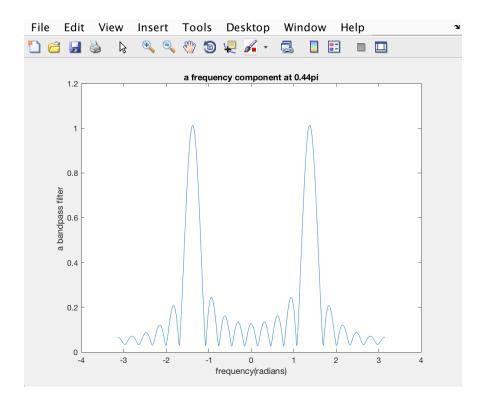
At L= 10

PassBand Width = 0.162

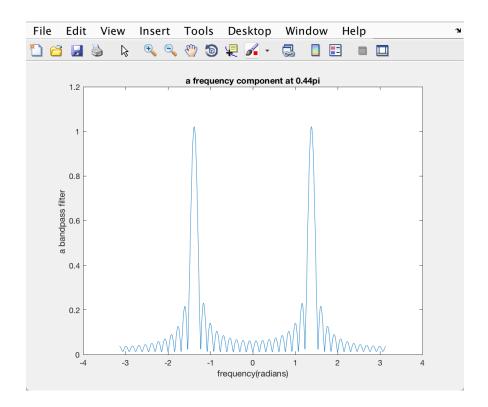


At L=20,

PassBand Width = 0.0880

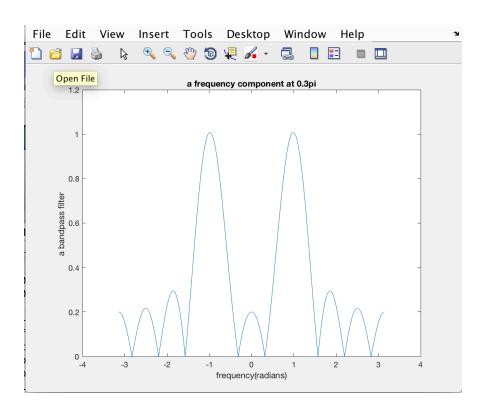


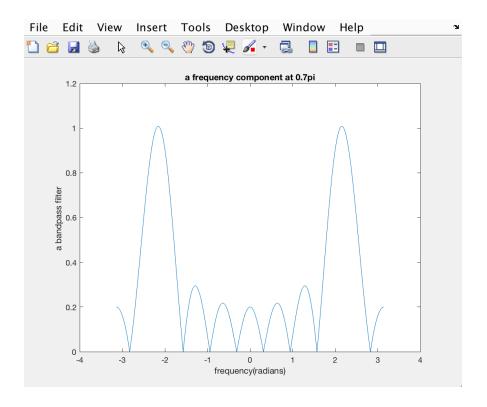
At L = 40, PassBand Width = 0.042



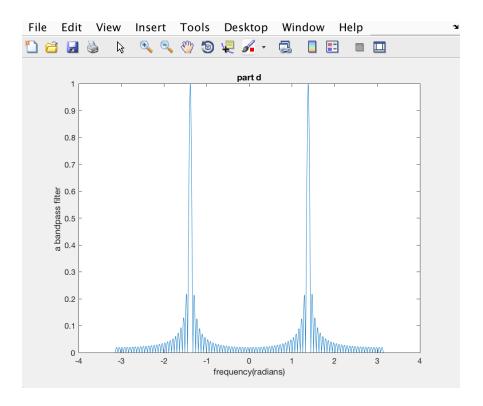
If L is doubled then passband width starts to decrease proportionally, while when L is half, the passband width starts to increase proportionally.

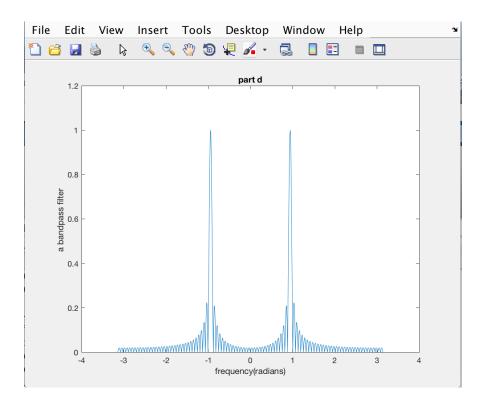
c.

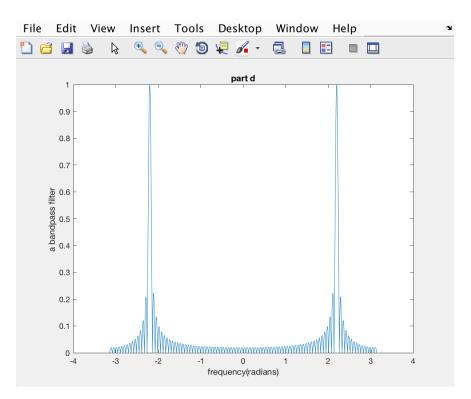


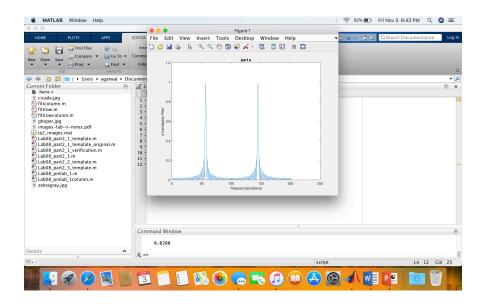


d.









f.

