

FIR Least Squares

Filtro	Tipo	Freq Pass Band 1	Att @FPB1	Frec Stop Band	Att @FSB	Freq Pass Band 2	Att @FPB2
B	FIR Least Squares	2 kHz	1 dB	4 a 6 kHz	20 dB	8 kHz	1 dB

Datos Utilizados:

Response Type

☐ Lowpass

☐ Highpass

☒ Bandstop

☐ Differentiator

Design Method

☐ IIR

☒ FIR

Butterworth

Least-squares

Filter Order

☒ Specify order: 20

☐ Minimum order

Options

There are no optional parameters for this design method.

Frequency Specifications

Units: Hz

Fs: 40000

Fpass1: 2000

Fstop1: 4000

Fstop2: 6000

Fpass2: 8000

Magnitude Specifications

Enter a weight value for each band below.

Wpass1: 1

Wstop: 20

Wpass2: 1

Structure: Direct-Form FIR

Order: 10

Stable: Yes

Source: Designed

Plano Z:

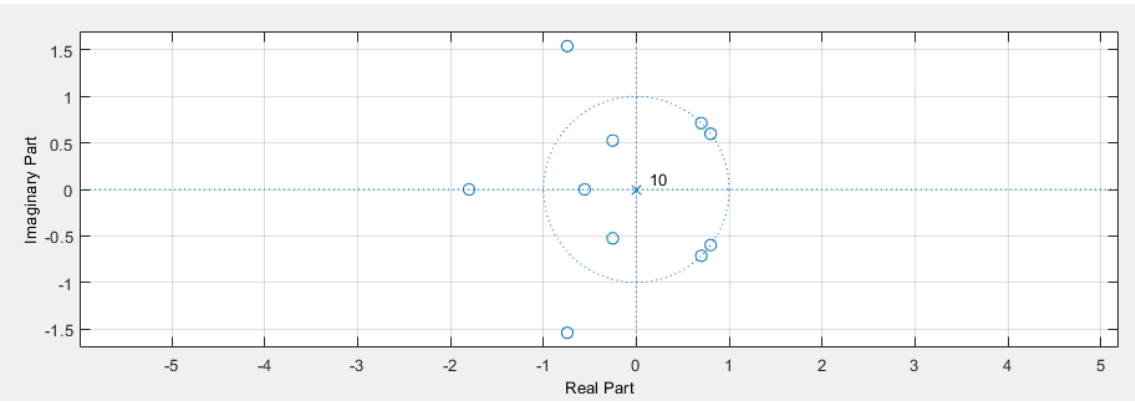


Gráfico de Magnitud esperado:

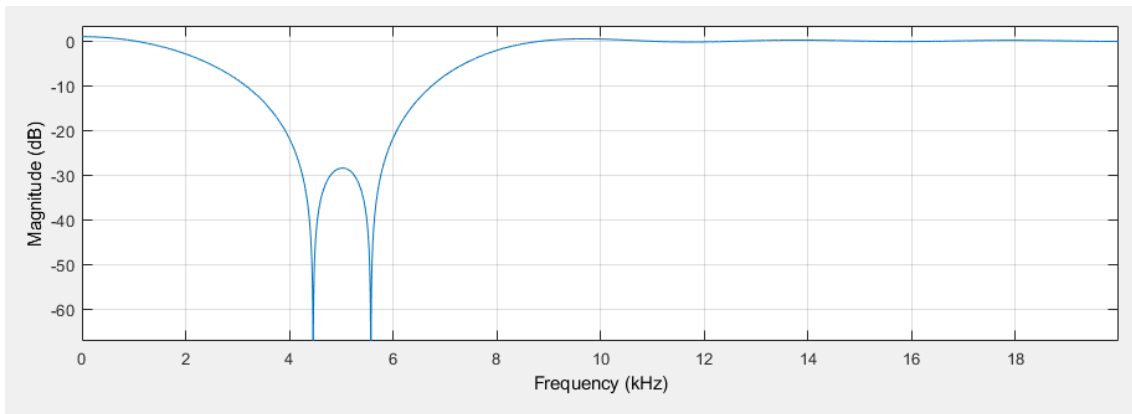
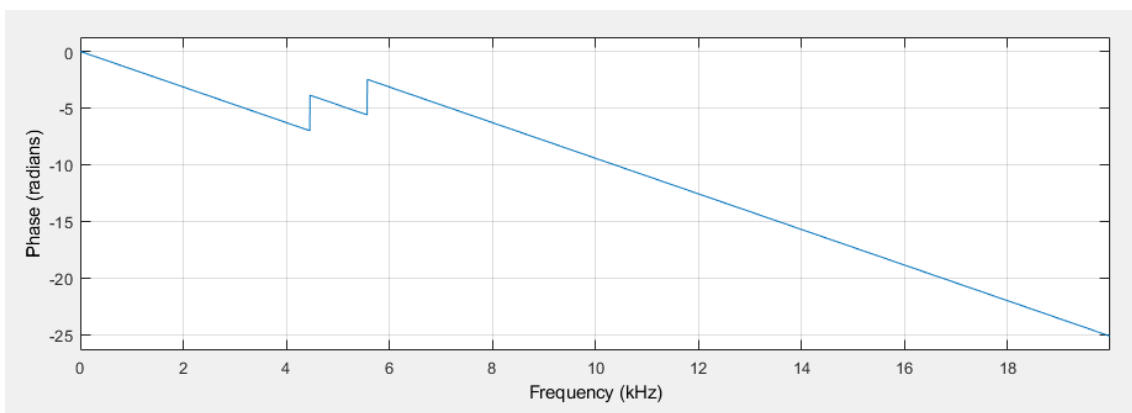


Gráfico de Fase esperado:



Retardo:

