VOFF = 0
VAMPL = 0.1
FREQ = 200
AC = 0.1

Evaluate	Measurement	Value
☑	Period(V(in))	199.99999u
☑	Period(V(out))	212.24423u
☑	Max(V(in))	99.99610m
☑	Min(V(in))	-99.99604m
☑	Max(V(out))	23.62552m
☑	Min(V(out))	-16.78035m
	Click here to evaluate a new measurement...	
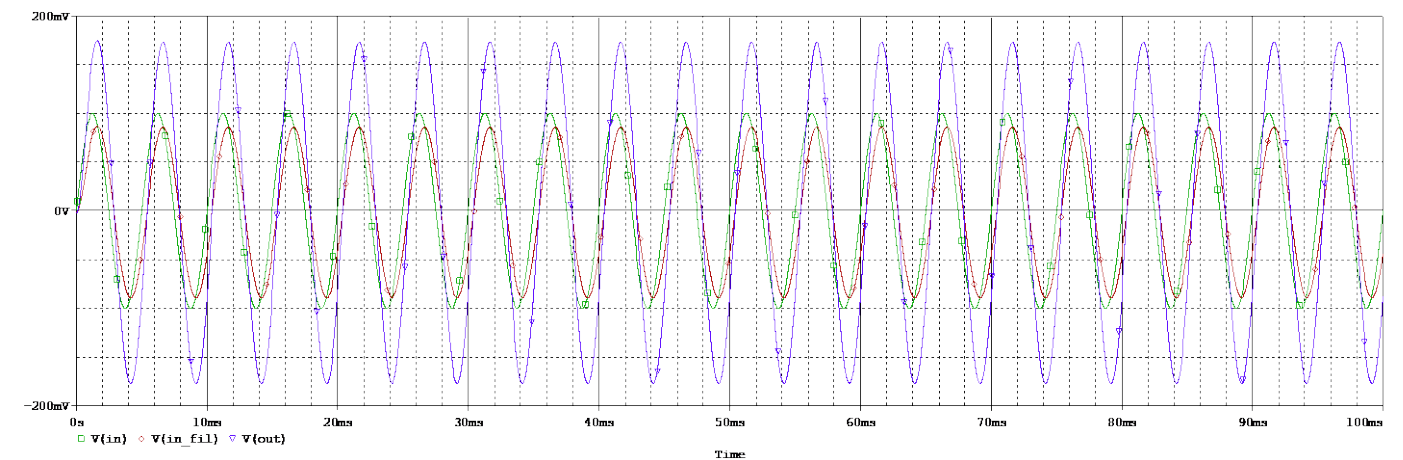
Evaluate	Measurement	Value
☑	Period(V(in))	5.00000m
☑	Period(V(out))	5.34565m
☑	Max(V(in))	100.00000m
☑	Min(V(in))	-100.00000m
☑	Max(V(out))	174.68835m
☑	Min(V(out))	-177.37101m

C1
22n

R1
20k

in   in_fil

U1   7   +6V   5

3   +   OS2

6   out

OUT

V4
1Vac
0Vdc

R3
10k

2   -   OS1   1

LM741   4   -6V

0

+6V

V3
6Vdc

0

0

V1
6Vdc

-6V

R2
10k

0

V(out)

Frequency

	Measurement Results		
Evaluate	Measurement	Value	
☑	Cutoff_Lowpass_3dB(V(out))	361.13203	
	Click here to evaluate a new measurement...		

+6V   **-6V**

V2   **V3**

6Vdc   -6Vdc

0   0

C2
22n

R2   **R1**

vsin   20k   20k

3   **U1**   7   +6V

+   OS2   5

6   out

OUT

R4
20k   2   -   OS1   1   -6V

LM741   4

V4
VOFF = 0
VAMPL = 0.1
FREQ = 5k
AC = 0.1

0

R3
10k

C1
22n

0   0
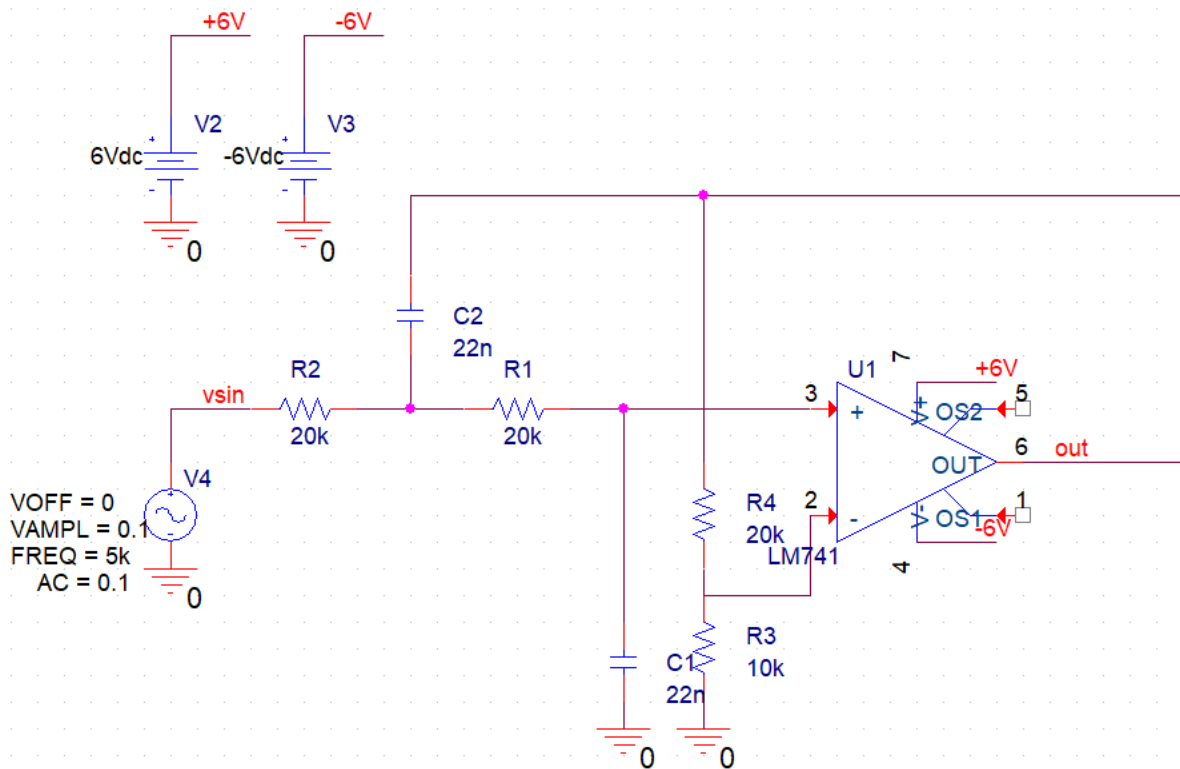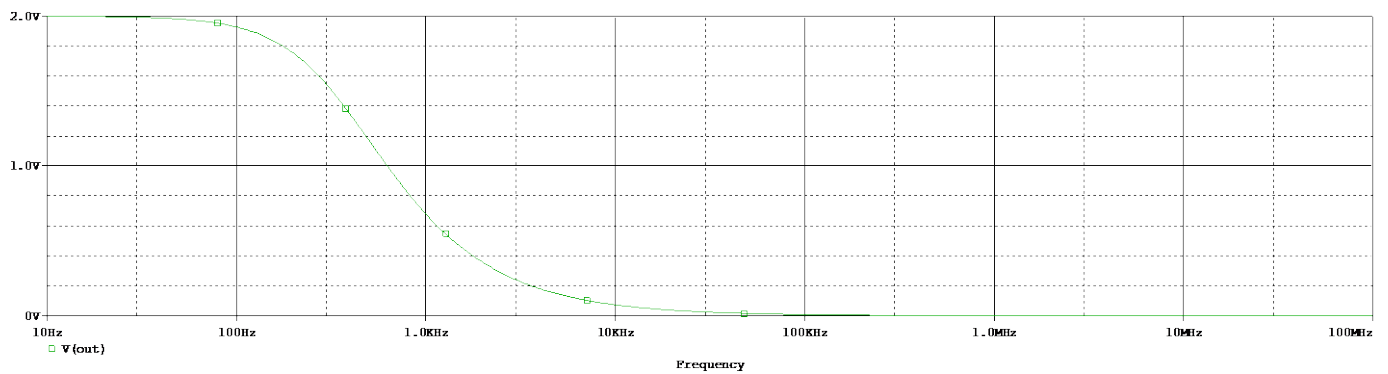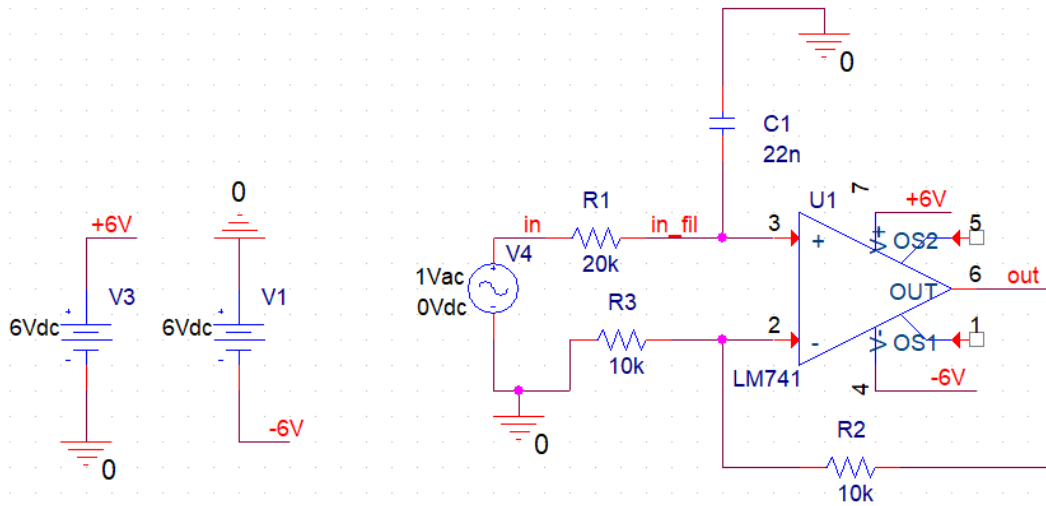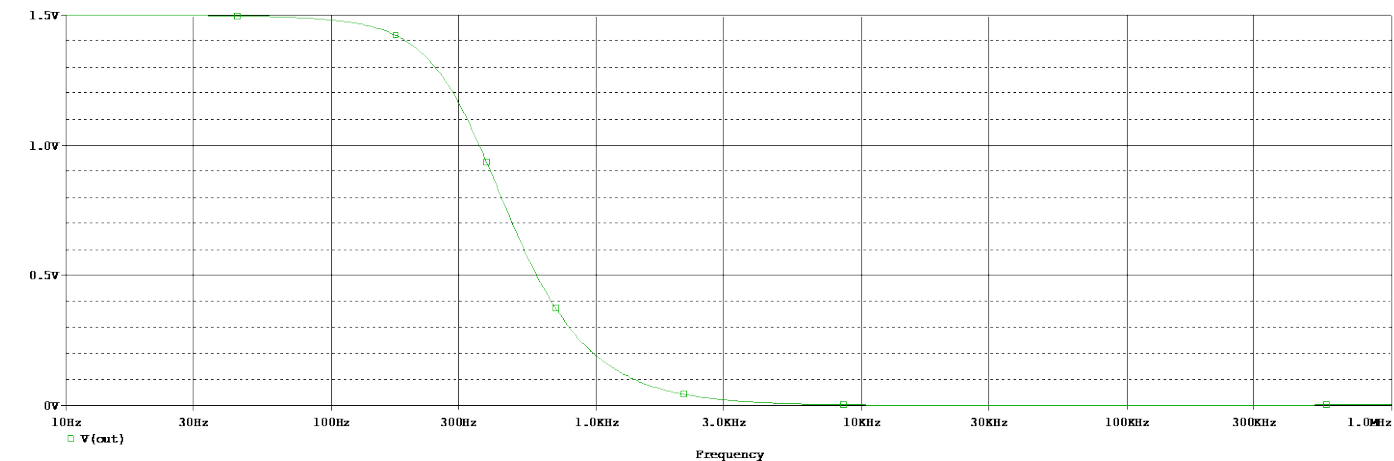
V(out)

	Evaluate	Measurement	Value
▶	☑	Cutoff_Lowpass_3dB(V(out))	339.43406
		Click here to evaluate a new measurement...	
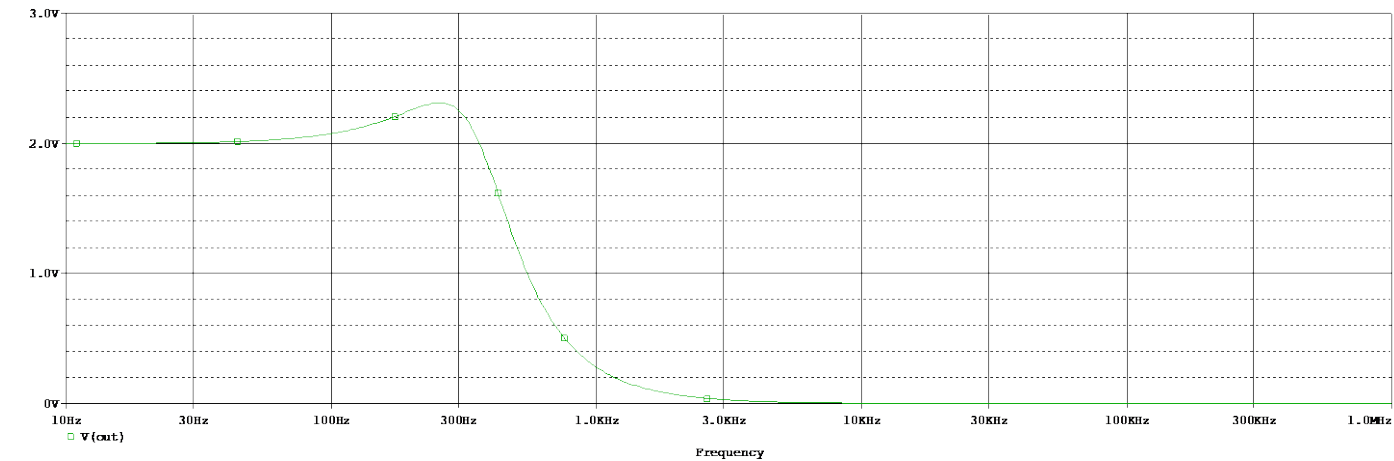
V(out)

	Evaluate	Measurement	Value
▶	☑	Cutoff_Lowpass_3dB(V(out))	422.15513
		Click here to evaluate a new measurement...	
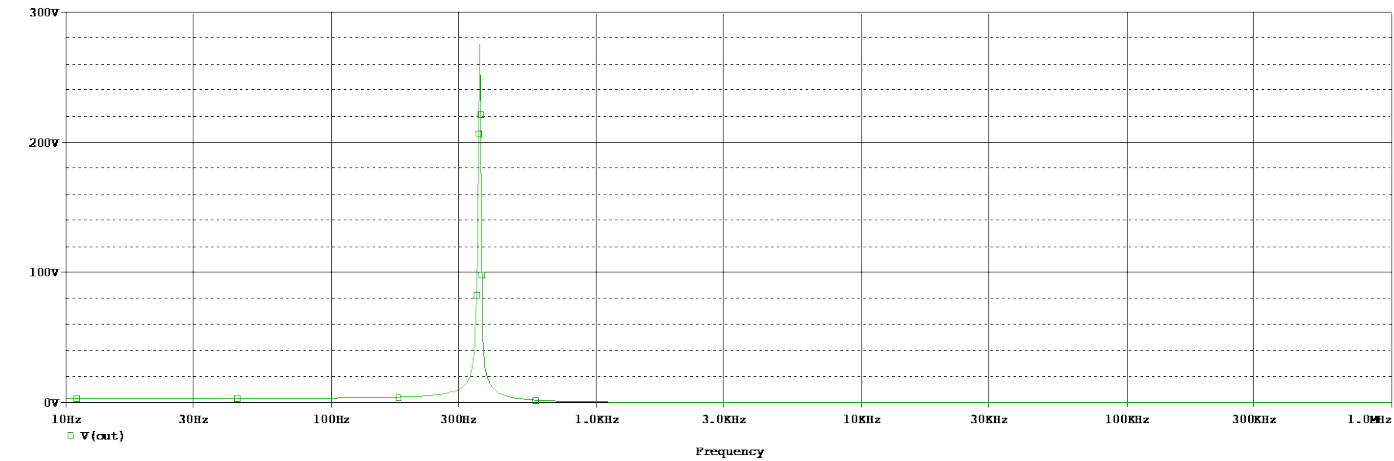
V(out)

	Trace Color	Trace Name	Y1	Y2	Y
		X Values	363.078	10.000	35
	CURSOR 1,2	V(out)	27.601	300.212m	27
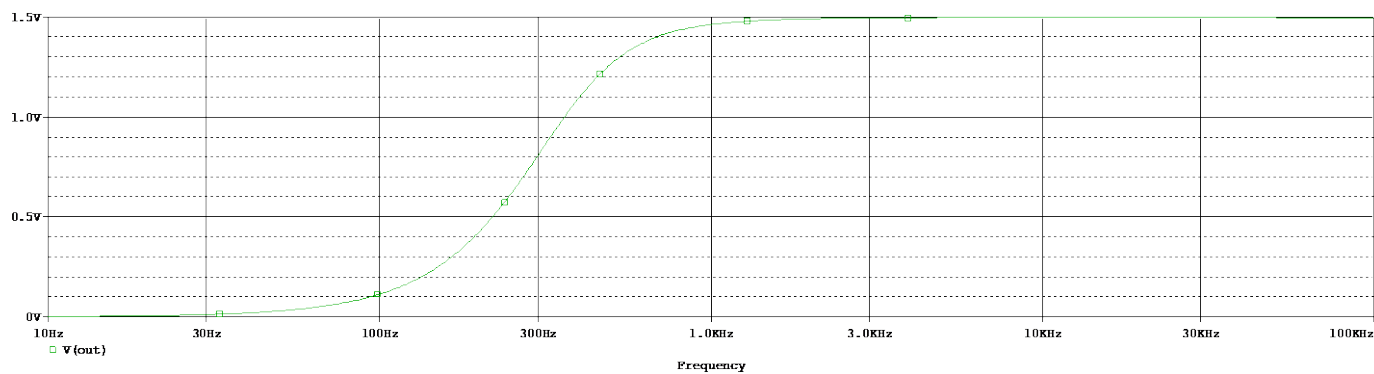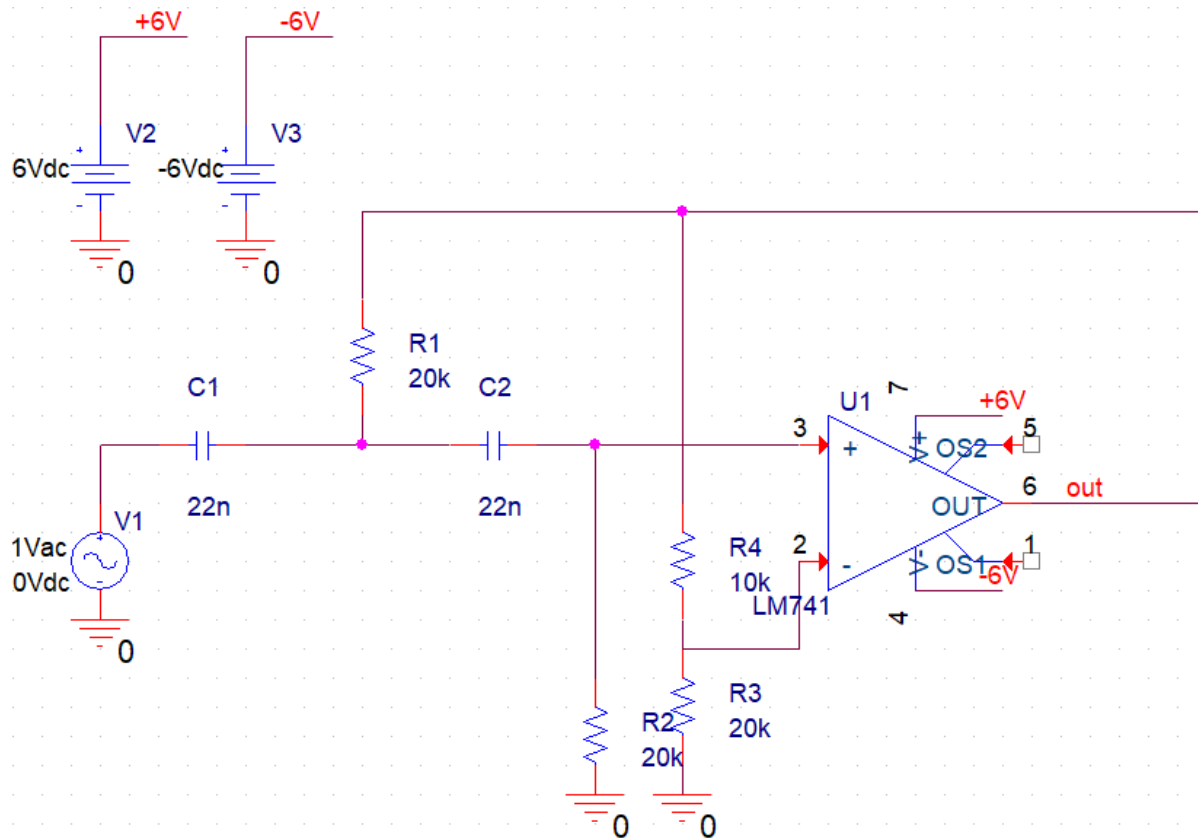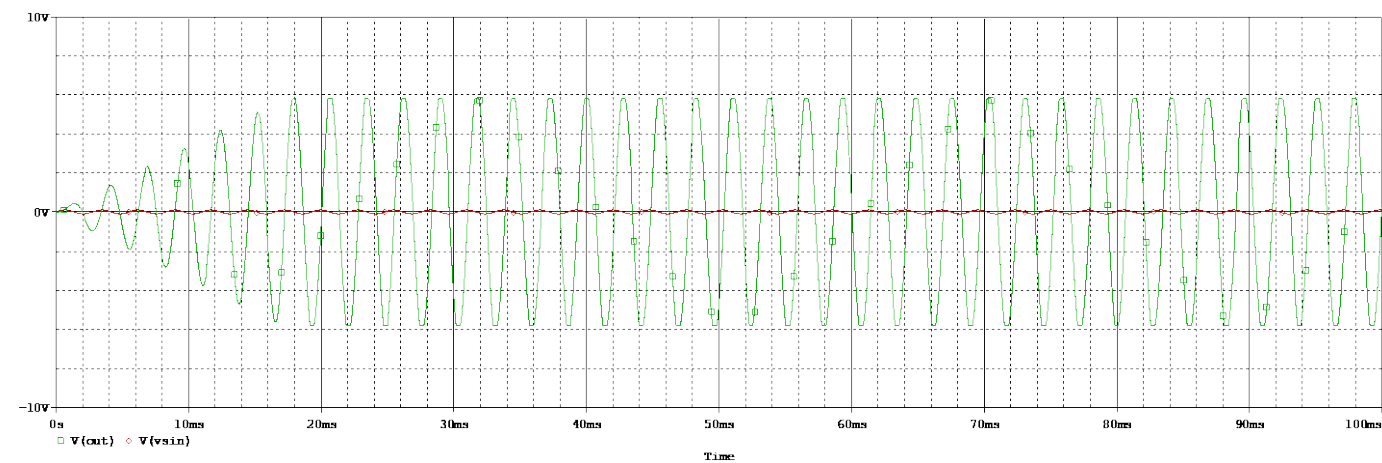
Evaluate	Measurement	Value	
☑	Cutoff_Highpass_3dB(V(out))	385.19199	
		Click here to evaluate a new measurement...	

+6V   -6V

V2   V3

6Vdc   -6Vdc

0   0

R1
20k   C2

R4

3   U1   7

+   OS2   5

1Vac   20k   C1   0.1u   0.1u   OUT   6   out
0Vdc   0.1u   2   -   OS1   6V   1
V1   R5
                    R2   LM741   20k
                    40k   4
0   0   R3
                    20k
                    0

V(out)

Frequency
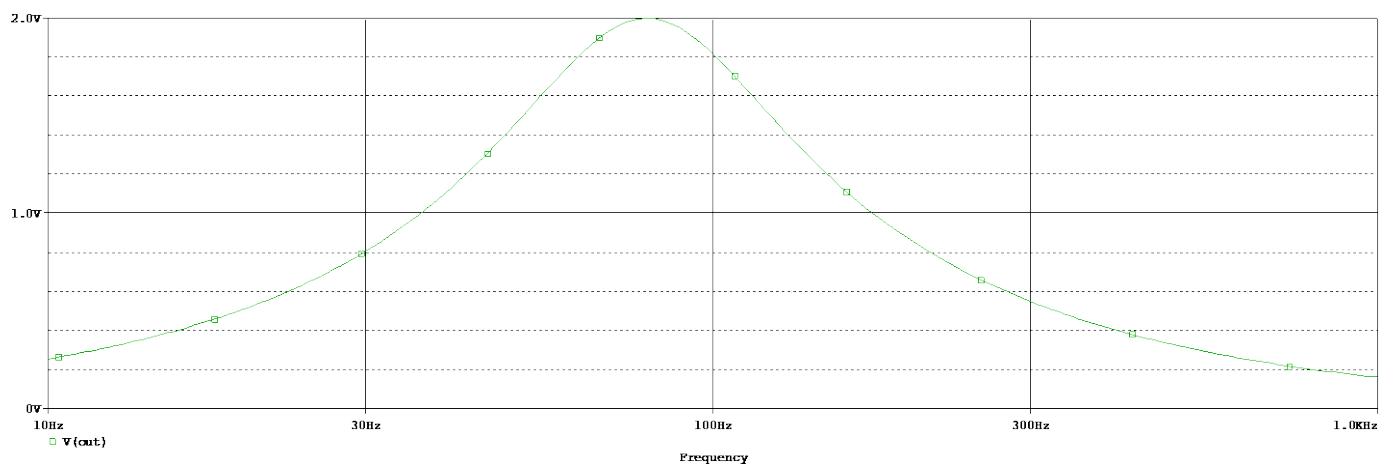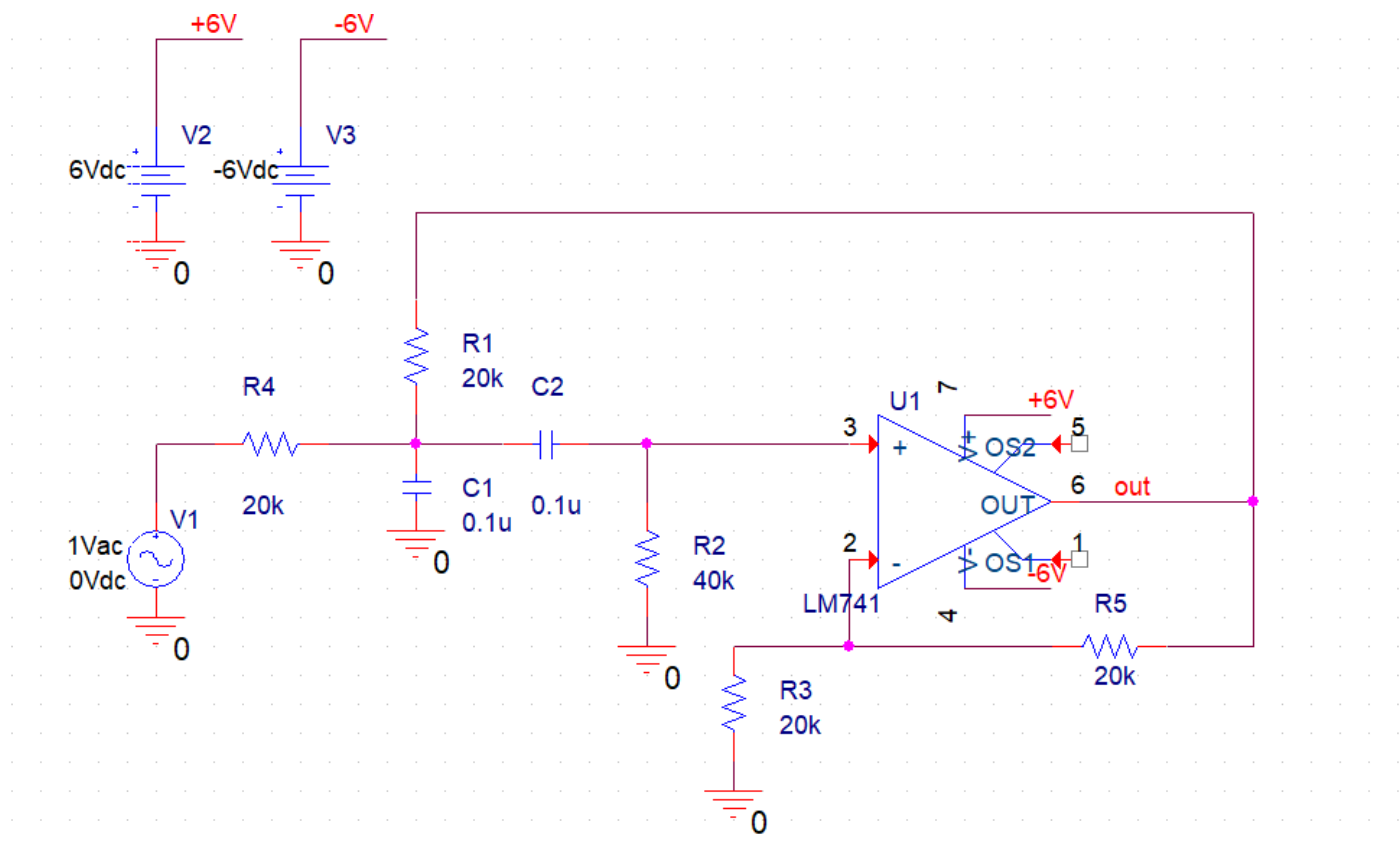
Trace Color	Trace Name	Y1	Y2	Y1
	X Values	80.271	10.000	70.2
CURSOR 1,2	V(out)	1.9989	253.290m	1.7
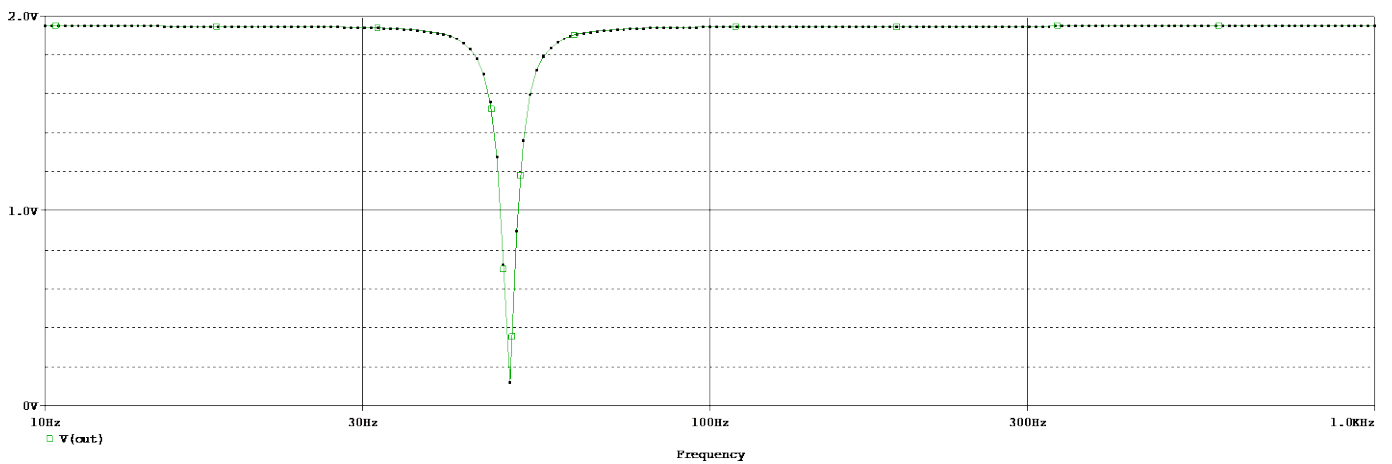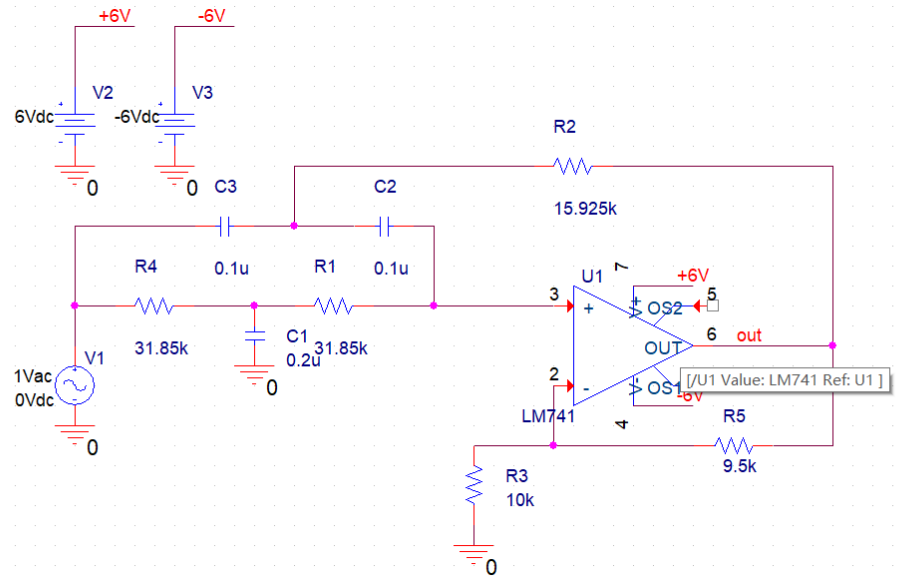
	Trace Color	Trace Name	Y1	Y2	Y1
		X Values	50.052	10.000	40.0
	CURSOR 1,2	V(out)	150.852m	1.9495	-1.7