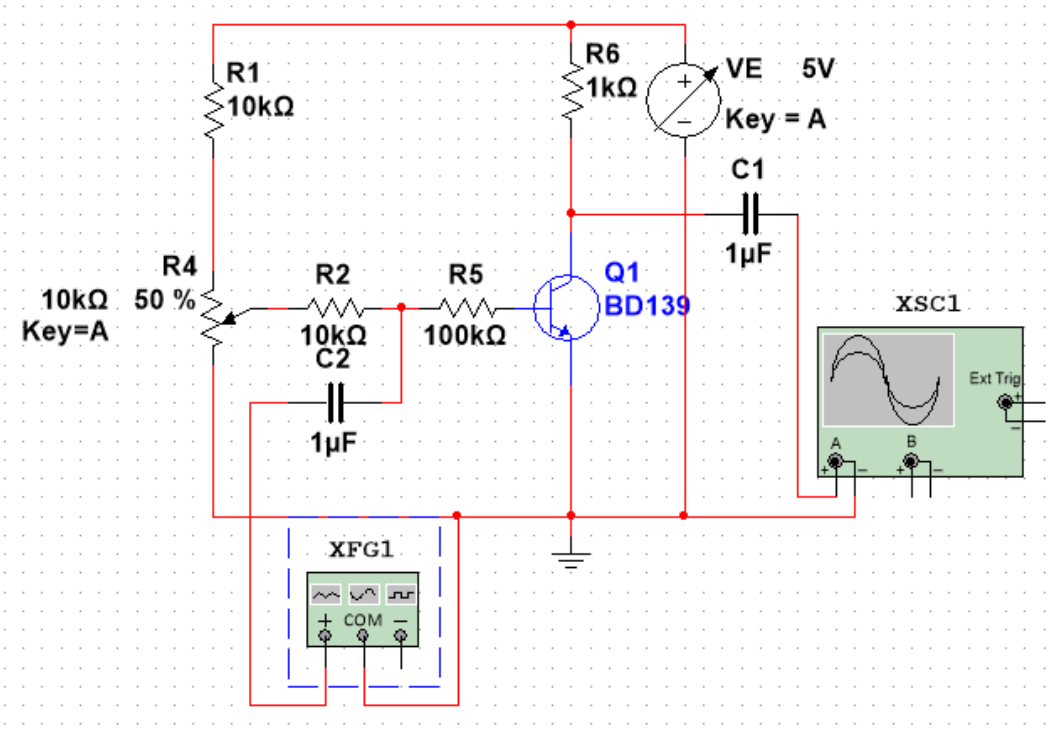
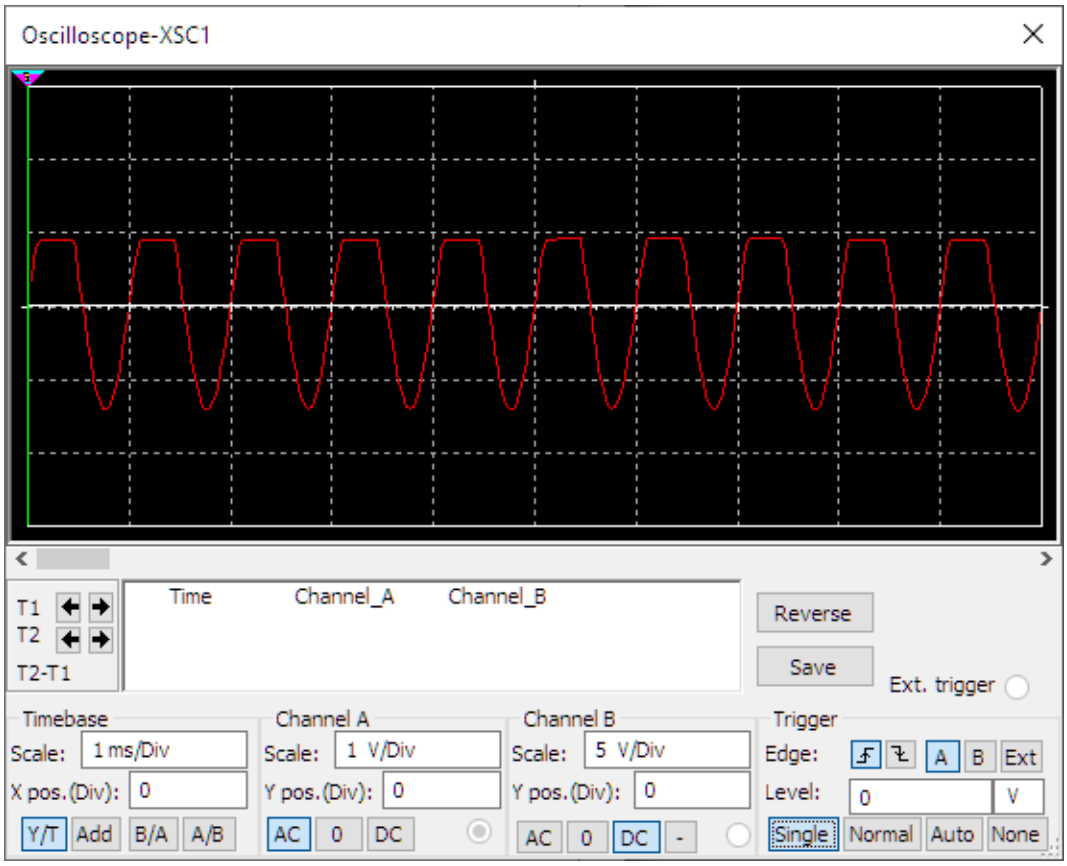
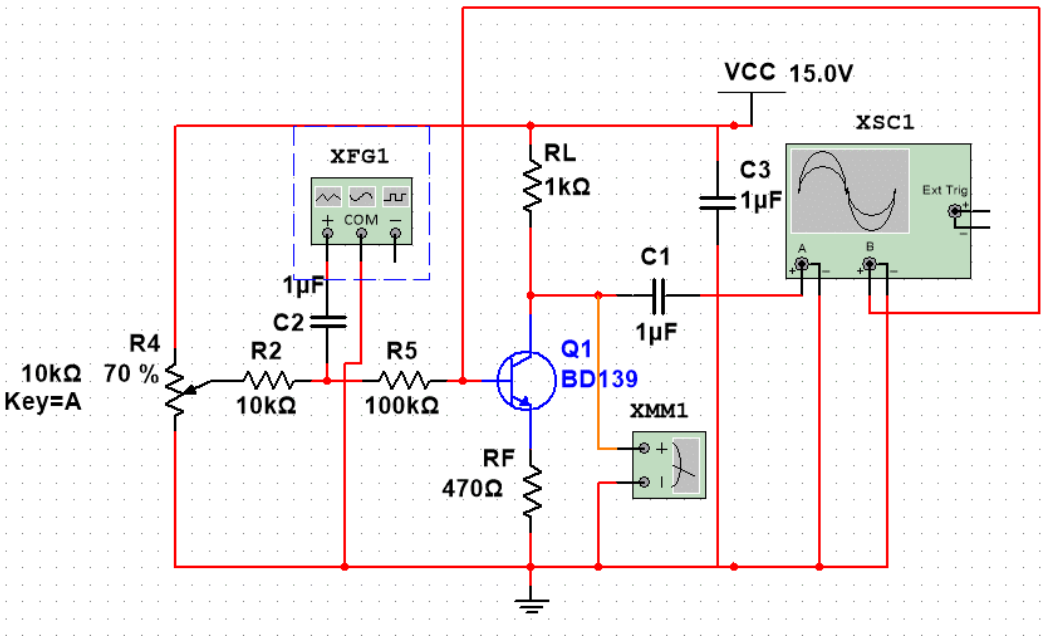
Simulasi Percobaan

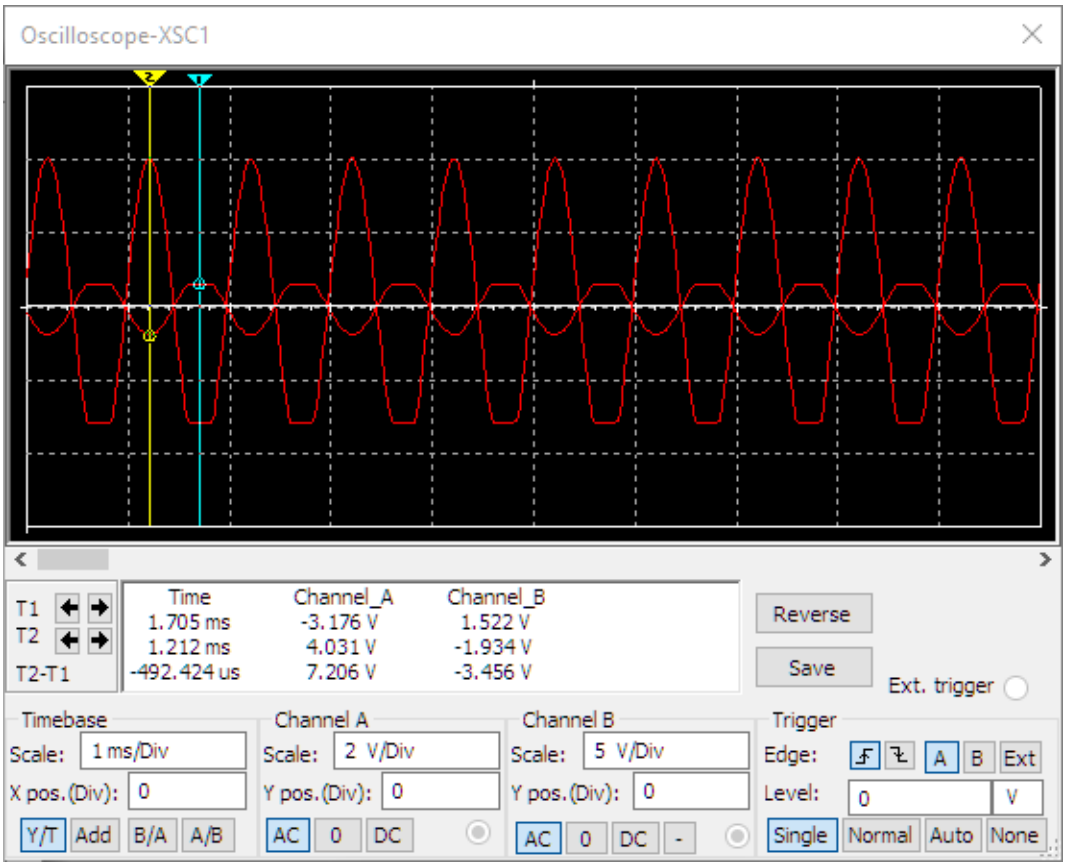
A. Distorsi





B. Feedback Negative

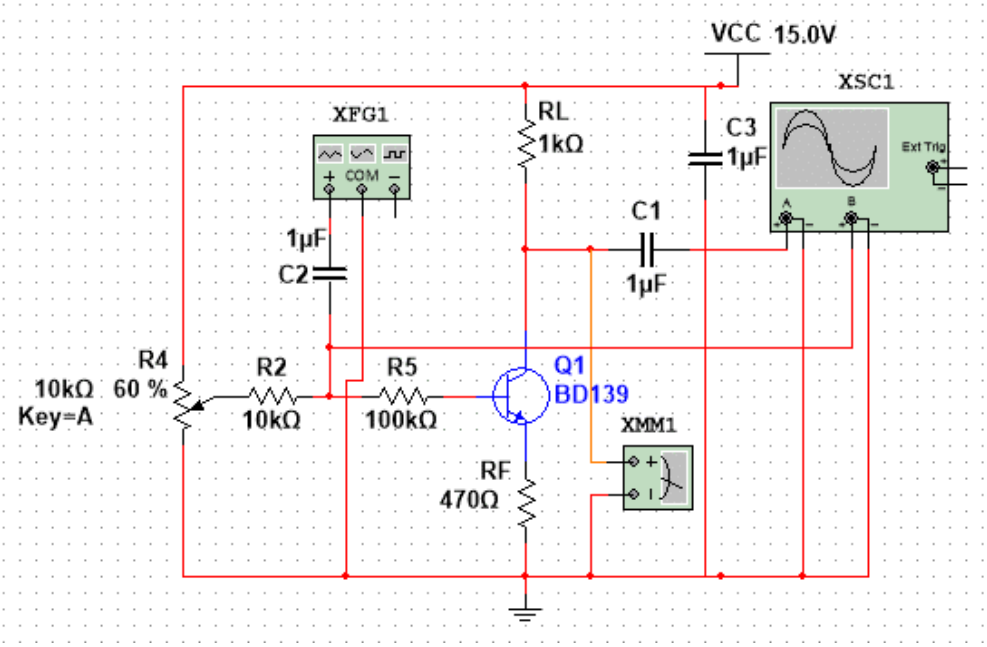


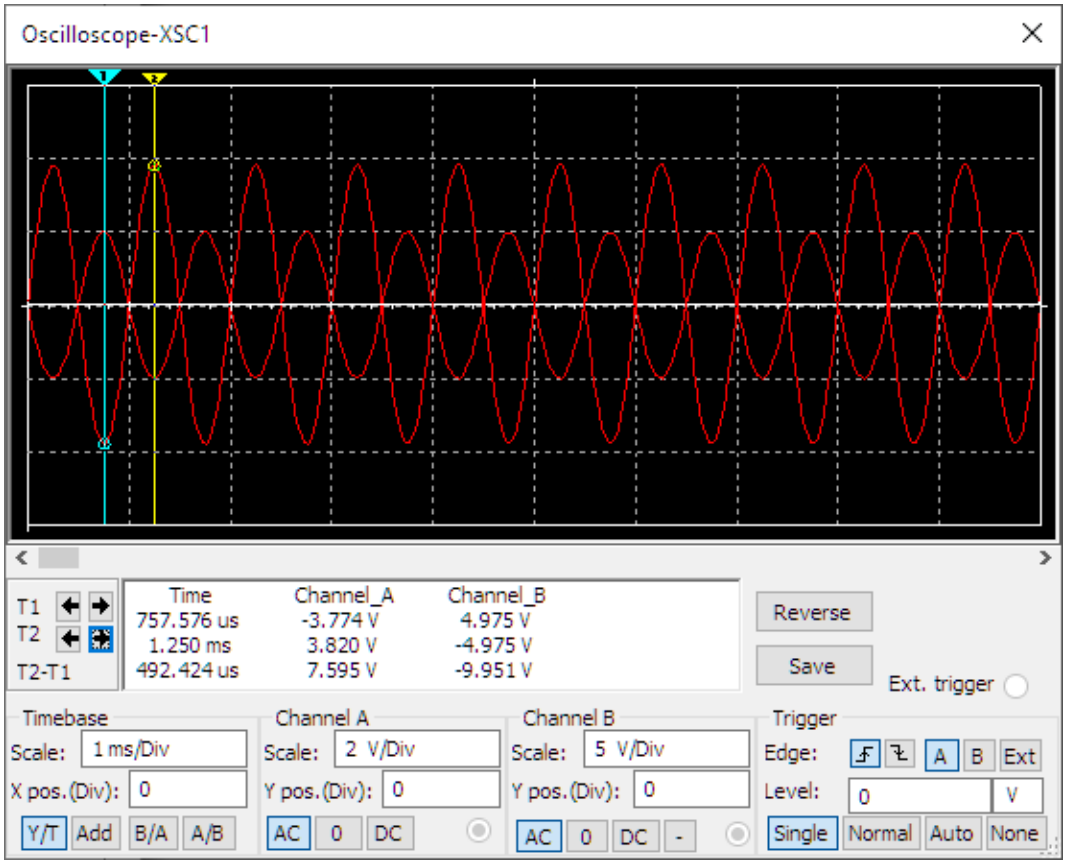


RF/RL = 470/1000 = 0.47

V Y1 (keluaran) = 7,206V | V Y2 (masukan) = 3,456V

Gain = 7,206V/3,456V = 2,085069 = 2,09

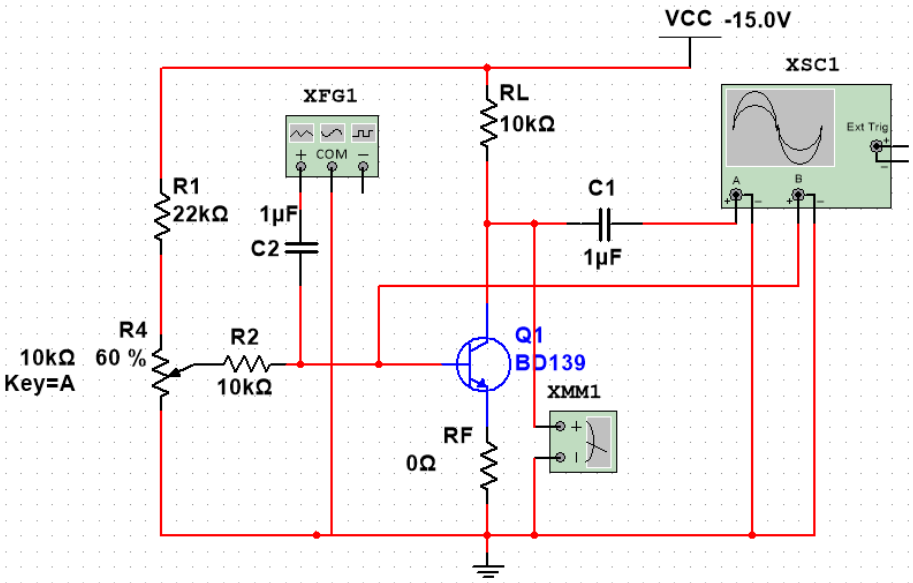




V(A) = 9,951V, V(B) = 7,595V

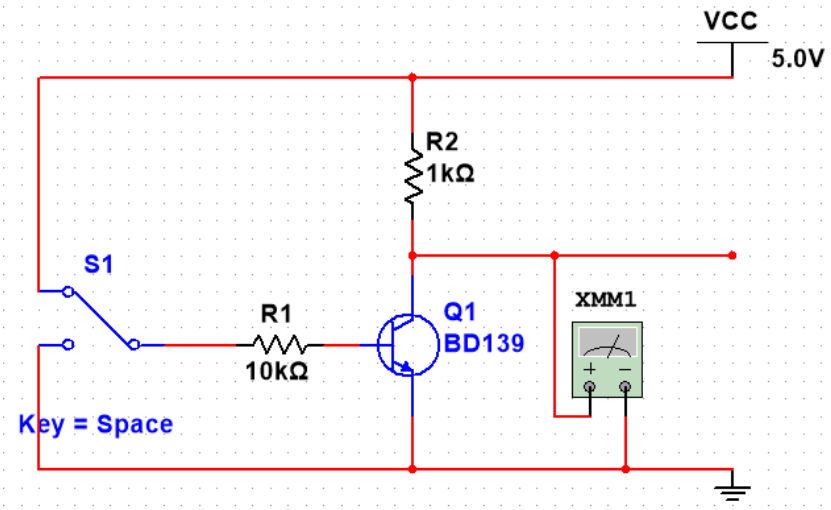
R(in) = V(B)/(V(A)-V(B)) = 7,595/(9,951-7,595) = 523,9kOhm

C. Respon Frekuensi



Frekuensi	Voltage Gain		Phase Change (Degrees)	
	Rf = 0	Rf = 220 Ohm	Rf = 0	Rf = 220 Ohm
1 kHz	0.99713	0.99714	0	0
5 kHz	0.99714	0.99714	0	0
10 kHz	0.99713	0.99713	0	0
30 kHz	0.99701	0.99714	0	0
60 kHz	0.99713	0.99701	0	0
100 kHz	0.99702	0,99700	0	0

D. Inverter



Input	Output
0 (Gnd)	1 (5v)
1 (5v)	0 (28,071mV)