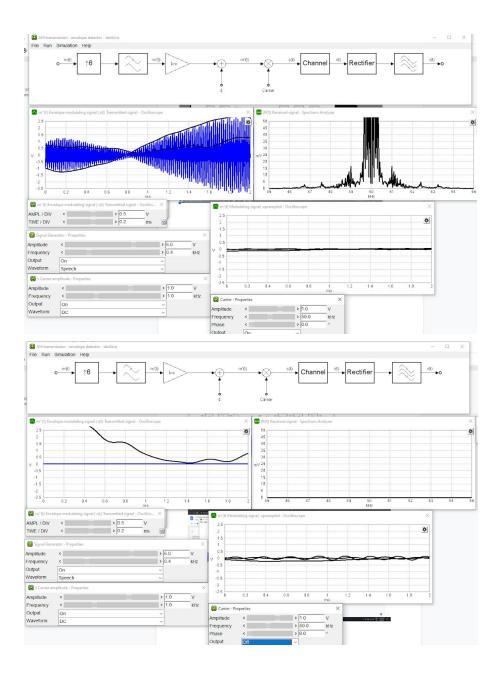
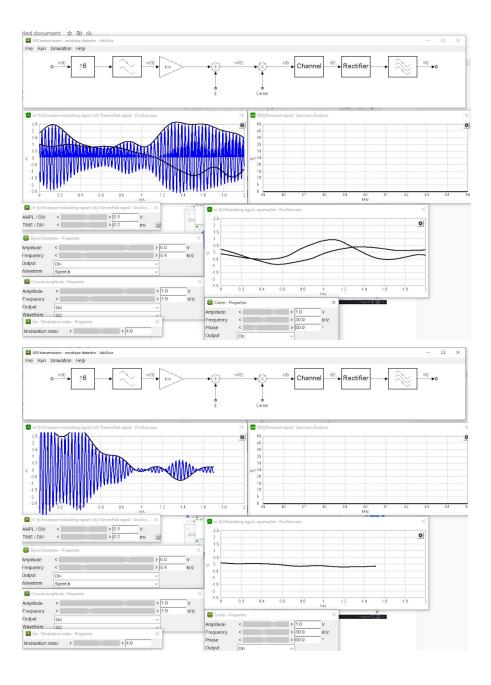
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Expt. I	Name Emulope defector Page No. 3
+	EXPERIMENT-2
+	AM Transmission - Envelope Defector
+	Ahu:
9	Change the modulation index values and increase it upto 4 to see the changes in output signal.
b)	Switch off the carrier ware s.
e)	Change the phase and frequency of carrier wave one by one, keep phase value as 45, 60, 90 and frequency as 30,60, 120 KHz.
1)	Online / Virtual Lab:  Java Runfime Environment.  Laboline Ouline Simulator.
	Theory:
	The crystals capability to rectify signals caused amplitude.  modulation to become the prevelent method to send  the mesages and recieve them. The amplitude of a  high frequency carrier is modified by low freq.  Enformation signal which is defected afterwards by  rectification. An easy way to recover the mesage
	Teacher's Signature:





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	signal se the envelope detection. This non-coherent detection doesn't require a carrier recovery circuit.	
	Procedure:	
7	Adjust the modulation Endex and observe the spectrum	
	analyses and oscilloscope.	
7	Observe the change by waveform by changing the value	
ą	of modulation index to 4.	
<del>-</del> ک	Switch off the carrier and observe the change in	
	ophut signal.	
<i>→</i>	Charge the frequency of carrier wave to 30KHz and phase to 30°.	
4	Increase the values to 60° and 90° and offset.	
	Observation:	
	Le complete de la company de l	
	All the changes are seen in the simulator representing wareforms in excillescape.	
	Wild Golden	
	Teacher's Signature:	

