

## **OBSERVATION FOR PRE-EMPHASIS:**

Vi= 2√

Frequency(Hz)	Vo	Gain= Vo/Vi	Gain in dB=20log(Vo/Vi)
500 KHZ	apomv	0-48	-6.315
600 Hz	1-16 V	0.58	- 4.731
700 Hz	[-40V	0.7	- 3-098
800 Hz	1-60	0.8	-1.938
900 Hz	(-80)	0.9	-0.915
1 k Hz	2.081	1-04	0.340
	2.36V	1.18	1437
1 lh Hz		(-31	2 734
12kte	2.680	1.48	3.405
13k Hz	2 961		
14kHz	3-240	1.67	4190
15h Hz	3.56V	1.78	5.008
1 th Hz	3.88V	1.94	5.756
17h Hz	4.2V	21	6.444
18/2 Hz	4.484	2.24	7 004
19k Hz	4764	2.38	7.531
2kHz	S:6V	2.8	8.943

MODENT INTONOR CH

## **OBSERVATION FOR DE-EMPHASIS**

Vi= /U

Frequency(Hz)	Vo	Gain= Vo/ Vi	Gain in dB =20log(Vo/Vi)
500	920mV	0.920	- 0.124
600	880mV	0.880	- 1-0
700	880mV	0.580	~ [-1]
800	#840mV	0.840	-1.514
900		6760	- 2.383
ıĸ	760mV	0.720	-2.853
	720mV	0-720	- 2853
1.1K	720mV	0.640	- 3.876
1.2k	640mV	0.640	- 3.876
1.3k	640mV	0.0	
1.46		0.6	- 4.436
	600mV	0.6	- 4.436
1.5K	600mV	0.6	- 4-436
1-6 K	600mV	0.6	
1.7K	560mV	0.56	- S- 03
1-810	560mV	0.56	- 5.03
1-510	480 mV	0-48	-6.375
2.0k	480mV	0.48	-6.375

Analog and Digital Communication Lab Experiment 4 Ple Emphresis and Decomphasis Citation Using FM I Ne-Lab Overtions What is meant by thresheld effect? Ida. The loss of mesloge signal in the outher of the enversible details de to law cetto -to-poise toto i called as theelness essent. 2. What is the emphasis? but the amphous is employed in grequency modulation or little modulation their miles the modulation begins drive power in terms of devication tenton How the threshold egylect Con be cavoided The this hold effect on be implered by applying fection in demodelets Church such as phase-booked from and furnishing booked Cops So that the organ SNR value soon not got reportly What is gubling " Fidelity reflect to the ability of the becine to produce on eract heplica of tensmitted Signal. It is provided to the early stor of the What is Sensitivity and Selectivity? Jeln. of twio teceive is the ability of a teceive to the worted signed and to reject the inwards. Sensiting of radio receiver is its abeing is its ability to employe the duted weak Ignal I Post - Lab Guestians What is de-emphases? De-emphas is the photos of reducing the politice amparate of Certain buguerus in a Sing the how been exagglicularly presimplifies.

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