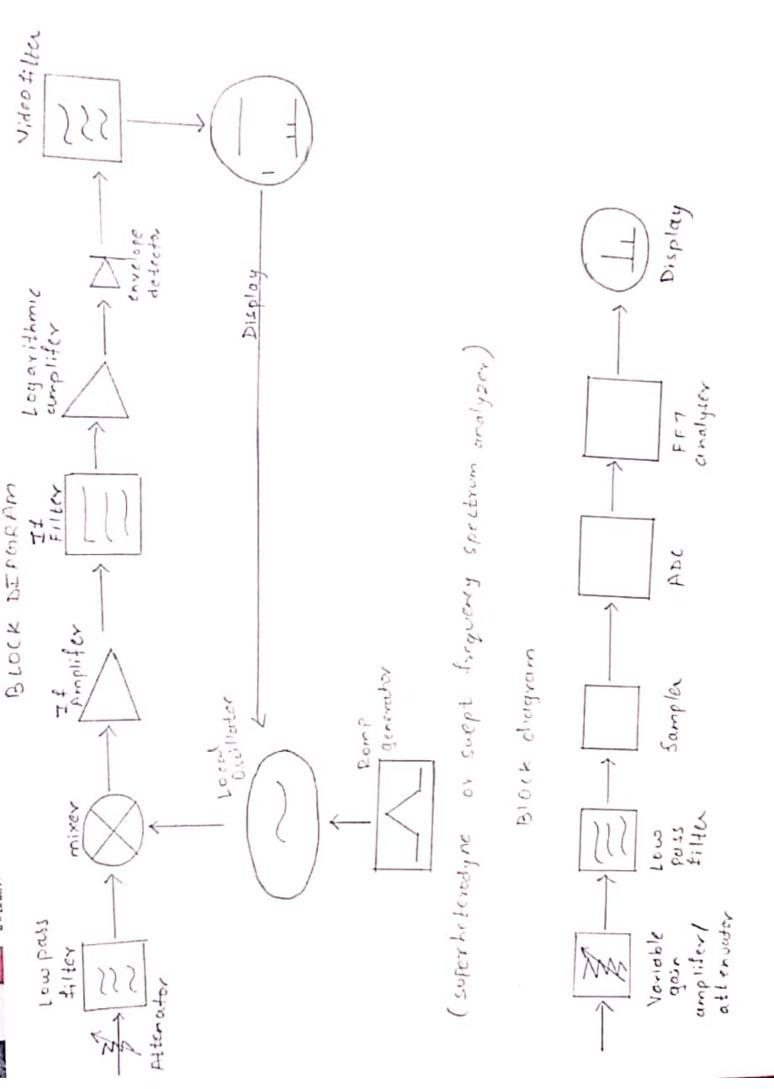
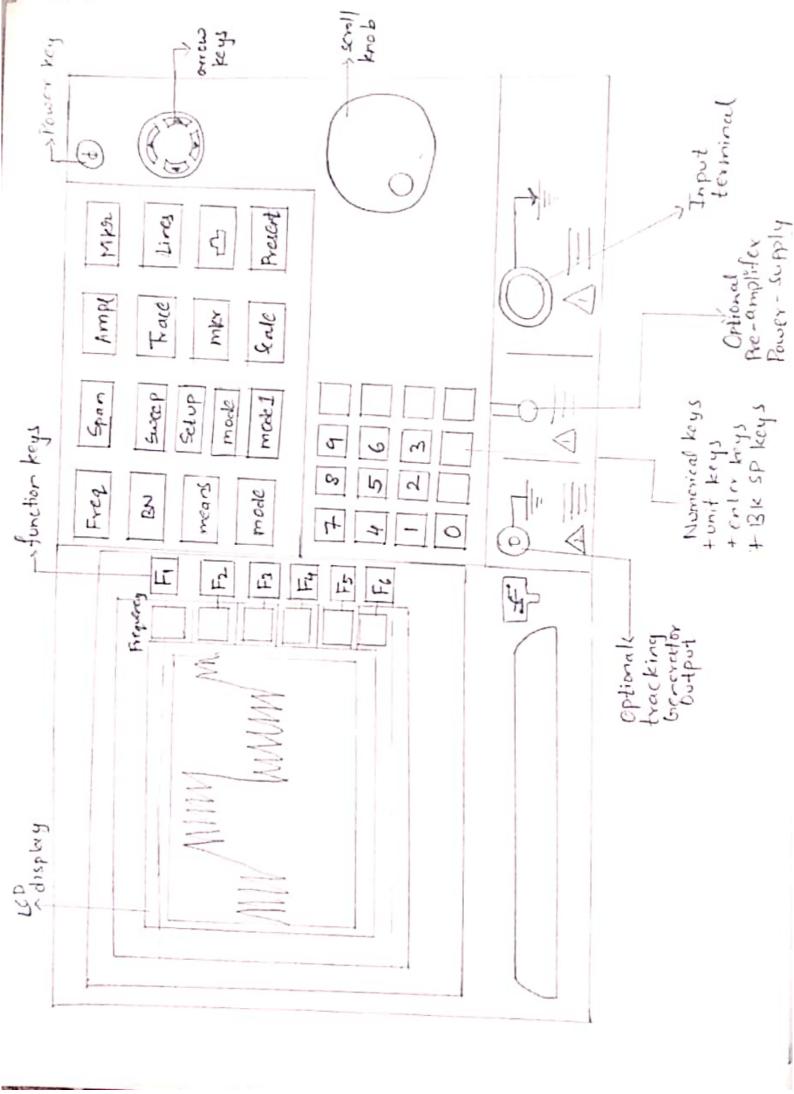
Teacher's Signature:



Expt. No. D Page No. 2
signals over the defined band of frequen
Features of LAB TNSTRUMENT GSP-830 (GWINST -5 markers with delta markers and peak function - 3 traces
- split windows with separate 1 setting - 6.4" TFT Color LCD, 640x480 resolution - AC/DC/ bottery multi-mode power operation
- 9 KHz 3 Gr Hz frequency range.
Frequency selection and their selection method (1) Erequency - Frequency span: The frequency key together with span key sets the frequency together - View Signal (Center & span) Center and span methods defines the center frequency and the left right bandwidth (span) to locate the signal. - Setting frequency adjustment step: frequency
for center, start and stop frequency
2) Range: 9 KHz to 3 GrHz
3) Set Center frequency Panel operation; · Press frequency key · Press F1 Center
· Enter the values using numerical and unit key
Teacher's Signature :



Exp	t. No	Page No. 3
y) •	Set frequency Span Pane Press span Rey	l operation:
•	Fres FI span Enter the value Using keys arrow keys and	g num key and unit
5)	View Signal (Stant ar Stant and Stop method end of frequency range	defines the begin s
6)	Set stant frequency (Po Press frequency key, Enter the value.	red openation:) Prus F2 key and
7)	Set stop frequency Pane Press frequency key Enter the value.	el oberation:
8)	Full or Zero span: 9+ extreme values (3 GHz	sets the span to full) or OKHz (Zero)
9)	Display full frequency Press span Rey and the Range 3(1) (fixed) and Start frequency OKHZ	1,930
(0)	Zeno span display Zeno span key can l F3 key	re obtained by preving
	a 3) (5 24 3	Teacher's Signature :

Observations

asile la	Waveform: SINE	
S.NO.	Frequency (KHZ)	-Amplitude (mV)
7416 1 1 JEZ	1 1 2 H 3 M W 2 T L H 1	111 / 20 1 121
mi21 1	1 row 2.5 strong silete	1.1.
3	3	1.5
4	with 24 Hourds & His	1 12
_ 5 / 1/2	25/14/11/11	2.4
-: ''- ''-	Trung win itun	- ALLDI Callen

		Dauton -
	Waveform Squa	rue - Wilc
S.NO	Waveform Squa Frequency(KHz)	Amplitude (mV)
Admin in	called 201 cm	Side Device I
	2.5	1.2
3 114	ed wousted all a	dr 101.50074-
4/200	The state of	1 6
J. 52 1.11	miles 5 (ada 1 colars	1 2 1121 -

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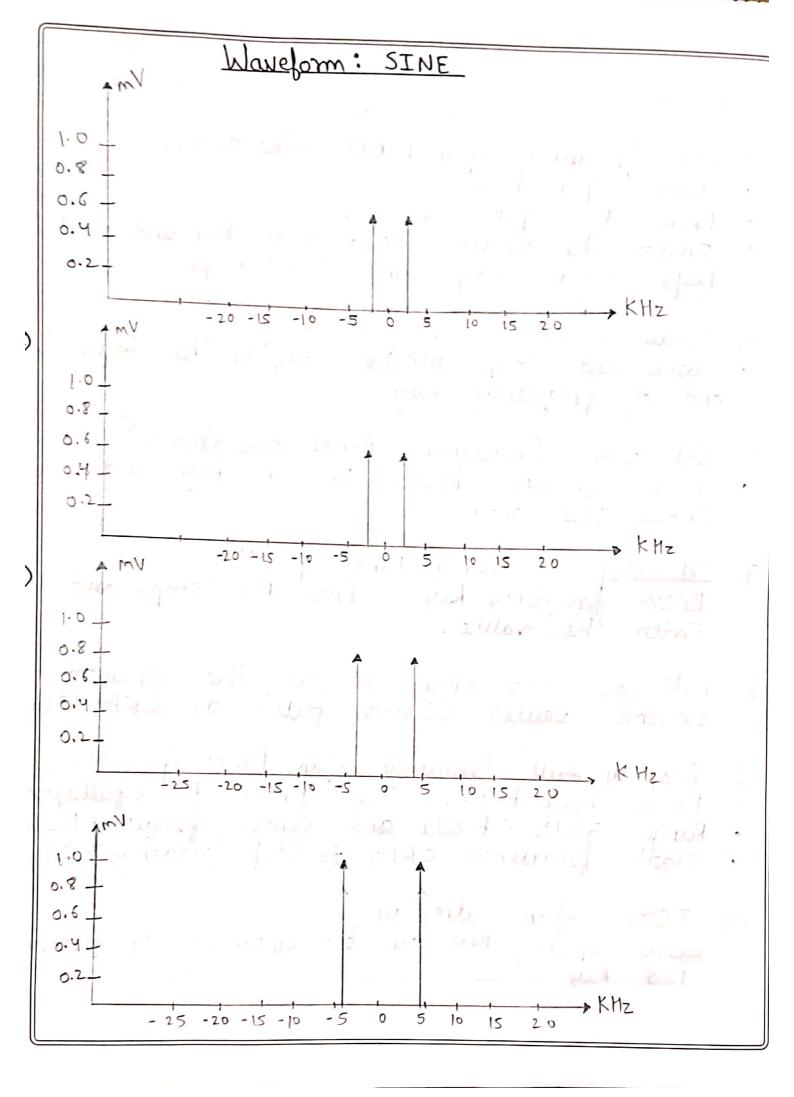
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well with

Ex	pt. NoO\	Page No
	Amplitude Selection and setting Amplitude Amplitude key sets including the wange and compensation for a	restical attribute upper limit ventice join and loss
2	set vertical scale: 9t is define amplitude, amplitude range, unit and external gain (loss.	d by reference measurement
3	set reference amplitude 91 defin at the top of displayed range	es the amplitud
9	Select amplitude scale Panel openo Prvs amplitude key and Fr	ation: CScale dB/div)
	Range: 10, 5, 2, 1 dB/div	
•	Panel operation: Press amplitude key Press F3 (unita) Select and press the unit from F, (dBmV) and F3 dB (UV) Press F6 (return to go back to dBmV-110 to + 20 dBm, 0.	
	Background The external offse The amplitude gain or loss external network or device.	Compensates Caused by an
	Teacher's Si	gnature :



Expt. No.	Page No. 5
Jon: The amplitude Jon appears at ob the display when the extern changes. To check whether external spects working properly. To generate auxillary signal: properly key, press auxially signal, select from given meny, following signal generate. It generates lomits signal to dB amplitude.	the bottom al off set um analysen as system an obtion
Safety Cruidelines · Measurement in but power · Static Charge protection · Proper grounding · Cooling measures Types of Connectors	
· SMB · SMB · BNC · N-type · UFL	•
Conclusion In this experiment, we have vo analysed the spectrum of sine and waveform for different frequencial teacher's Signature:	square s samplitudes

