-							
*	ENGIN	FERMILAB IEERING NOTI	E section	N FROJEC	n S	ERIAL-CATEGOR*	PAGE
SUBJECT	792	W U		.200.	NAVE M	Ginnis	(5)(4)
Trai	islent	Measuremen	ls with	the VSA	DATE /-//-	-OZ FEVISION	DAME
Pur to e Equ	ipment Vect Wave	he Capture transient for Signal A form Genera illiscope	Mode freque nalyzer for	V			Analyzer
4	edure. 1.) Produce	uce a wau is like the	e form : follo	using th	e WG	that	
٨Vo				J			
1_	3. S						+ 200
-	• • 6		— Im S		>		
	Pulse Pulse Train	Ises / Train Width 3 Period 6 Period 1 Itude . IV	n S				

FERMILAB SECTION PROJECT SERIAL-CATEGORY FACE 7.
SUBJECT NAME DATE REVISION DATE
USA as Network analyzer
Always use USA in vector mode
IF section. 1) Place TO BUC T on USA
2) Connect One end of BUCT to
3) Set Input Z of ch1 to IMIL (Why?)
4) Connect other end of T to
input of DUT (Filler) content
5) Connect output of PUT to
ch 2
6) Set USA source type to Randon
Noise
7) Tuin-Source on
8) Adjust Range on Ch1 8 Ch2
9) To Set Meas Data on Windows A to & Preg response

Sketch Rosult.

14

NAME

CATE REVISION DATE

- 4.) Sketch the Display on the USA Why does it look that way?
- 5.) SET the USA Inst Made to Ahalog Demodulation

 Set the demodulation setup for Channel I to AM.

 Sketch the result.

 What is the units of the spectrum What does it mean?
- C.) Stet the display to 2 grids

 On Es Screen B set the Meas Data

 to Main Time Channel I.

 Pause the Measurement

 Sketch the B display. o

 What is the period of the waveform?

 What is the amplitude of the waveform?

12) Sketch Pisplay on USA

13) Set the USA Inst Mode to Andos Demod

Set Modulion to FM

Set the Y Scale to linear

Auto scale the display

Sketch the Results

What is the X & Y units of

Spectrum mean?

14.) Set the display to 2 grids.

On Screen B set Mens Data

to Main Time Ch 1

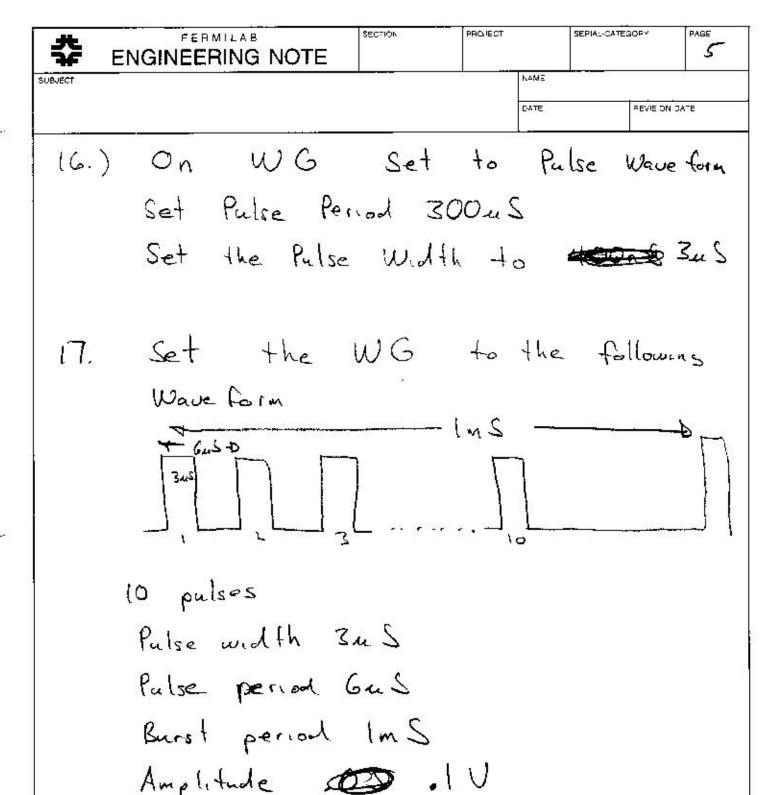
Pause the Mensurement

Sketch the Bodisplay

What is the period of the waveform?

What is the Amplifude of the waveform?

15). Re-do steps 11-14 for deflerent Mod. Depth, Mod Frez., Mod. woveloims



Het Mous Restart & view results
Set Time Overlap to 20 70
Hit Meas Restart to view results
Pauce when specetrograph Jumps