Lab Y rubric

Overview

- 100 points possible
- Grade basis: Completeness, clarity, and correctness
- Assign partial credit when appropriate.

Problem	Item	Points
2	Three X-Y oscilloscope plots are given:	
	- 4-PSK	7
	- 8-PSK	7
	- 16-PSK	7
	Additional question: Which signal constellation is most sensitive to noise? Least sensitive?	7
3	Time AND frequency plots are given for:	
	- QPSK channel	10
	- Output of demodulator multiplier	10
	- Output of demodulator filter	10
	Explanation is given as to why the following plots makes sense:	
	- Time plot of QPSK channel (are 90-degree phase shifts apparent?)	7
	- Frequency spectrum of QPSK channel (explaining both shape AND location of spectrum)	7
	- Time plot of demodulator before *versus* after filter (compare and explain)	7
4	Report compares oscilloscope traces of input and output sequences.	7
	Input and output sequences match.	7
	Report accurately identifies the system delay time based on simultaneous oscilloscope plots of input and output traces.	7