Simon Youn ECE 300 VII

each symbol carries

2 x 10 b symbols/sec

363

2 Msps

1. 8-PSK, 6 Mbps bit rate, 16 samples per symbol, TRC palses with 20% oblots.

6) Symbol rate (1) bandwidth of pulses (b) sampling rate

16 samples per symbol W = (11B) =

2M = p= 8-PSK - 8 possible Rymbols 20% rolloft

32×10 samples per sec

3.2×107

p=0.2

W = 1.2 ×10