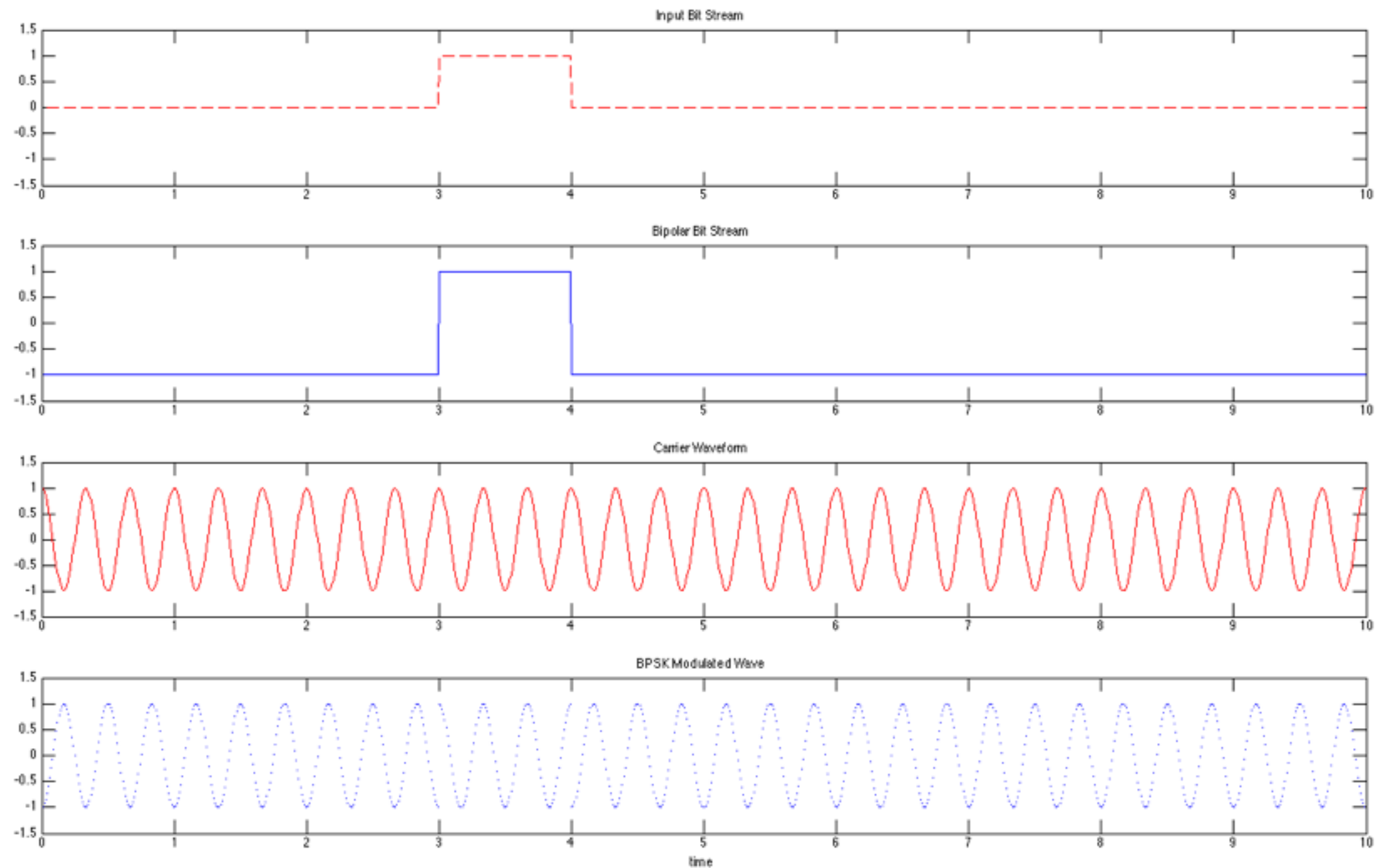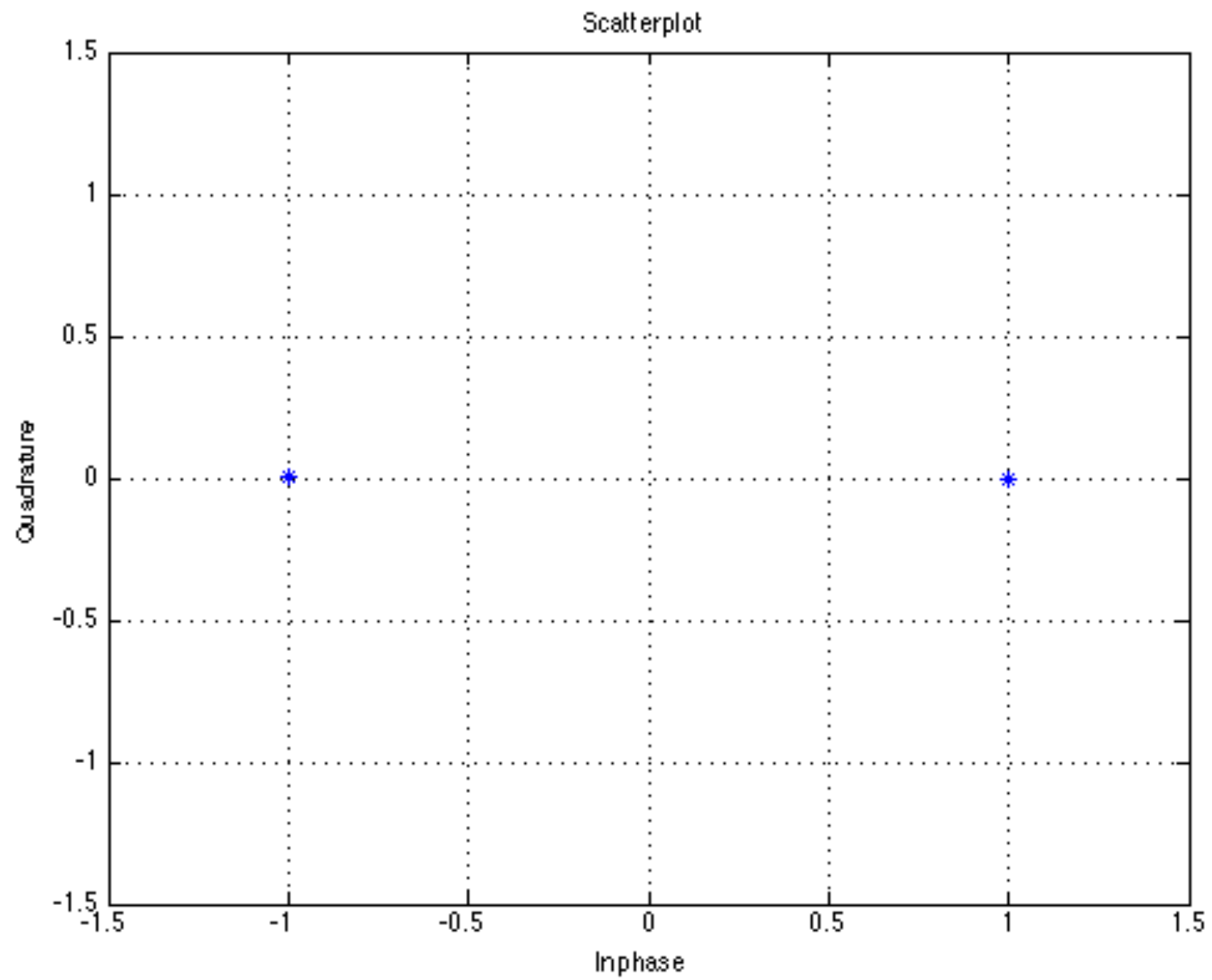# Digital Modulation Techniques and Signal Acquisition

Manoj Gulati
Wireless System Implementation
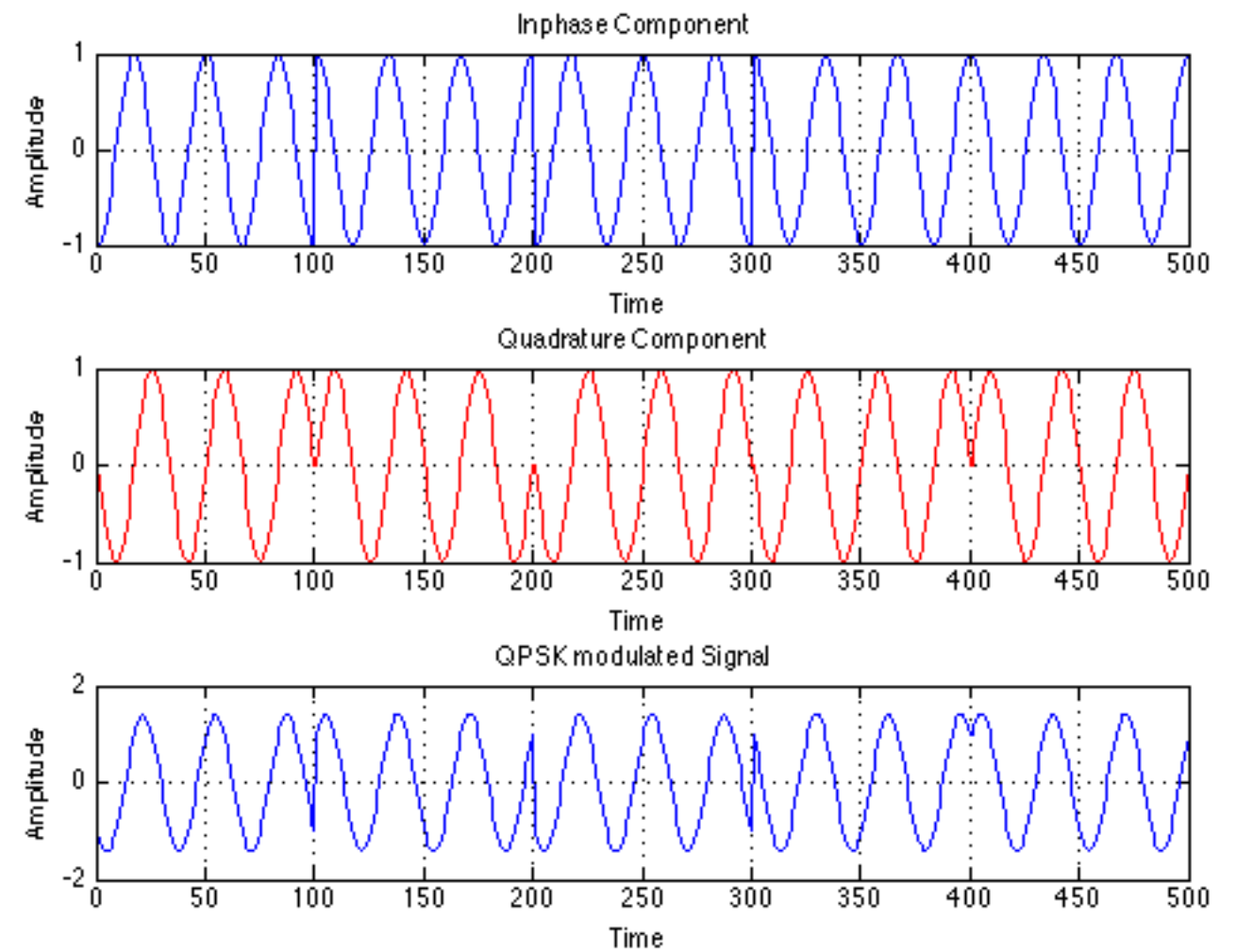Assignment-1
Instructor: Dr. Vivek Bohara

Solution:1(a) Generate BPSK modulated wave with randomly generated input binary sequence

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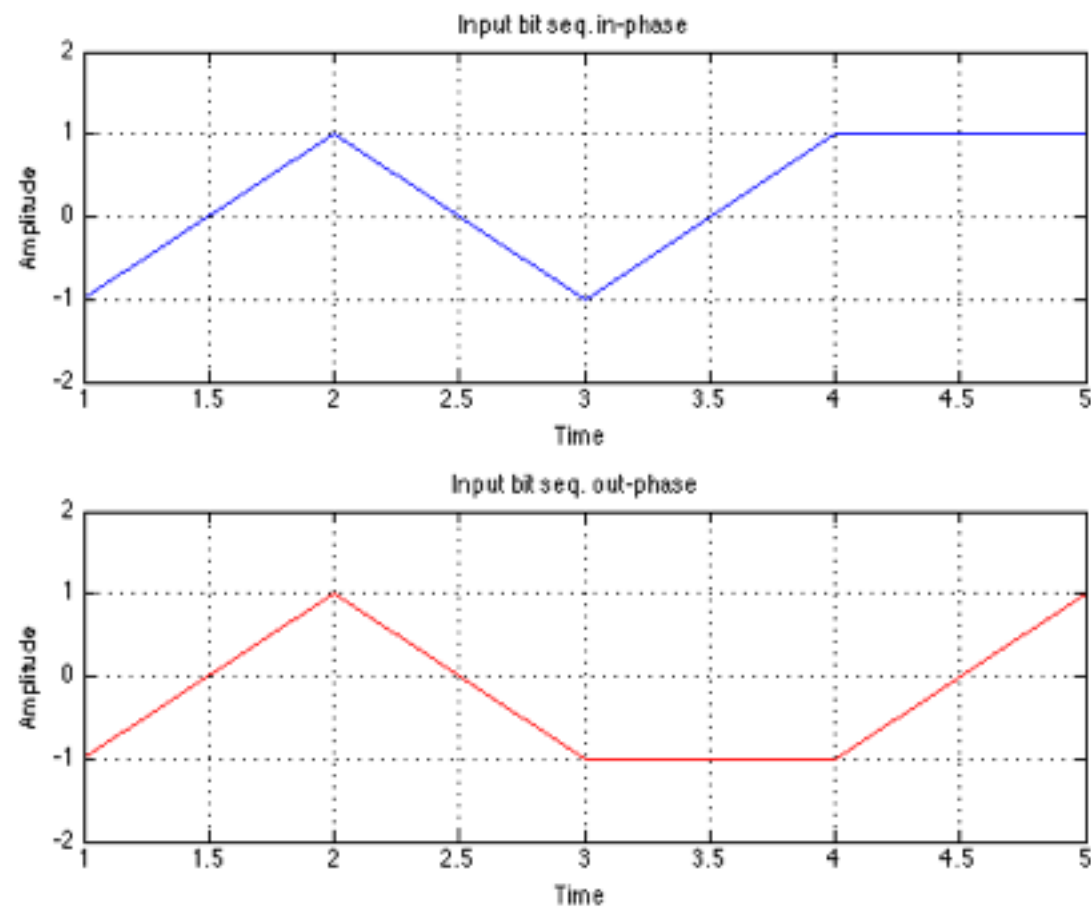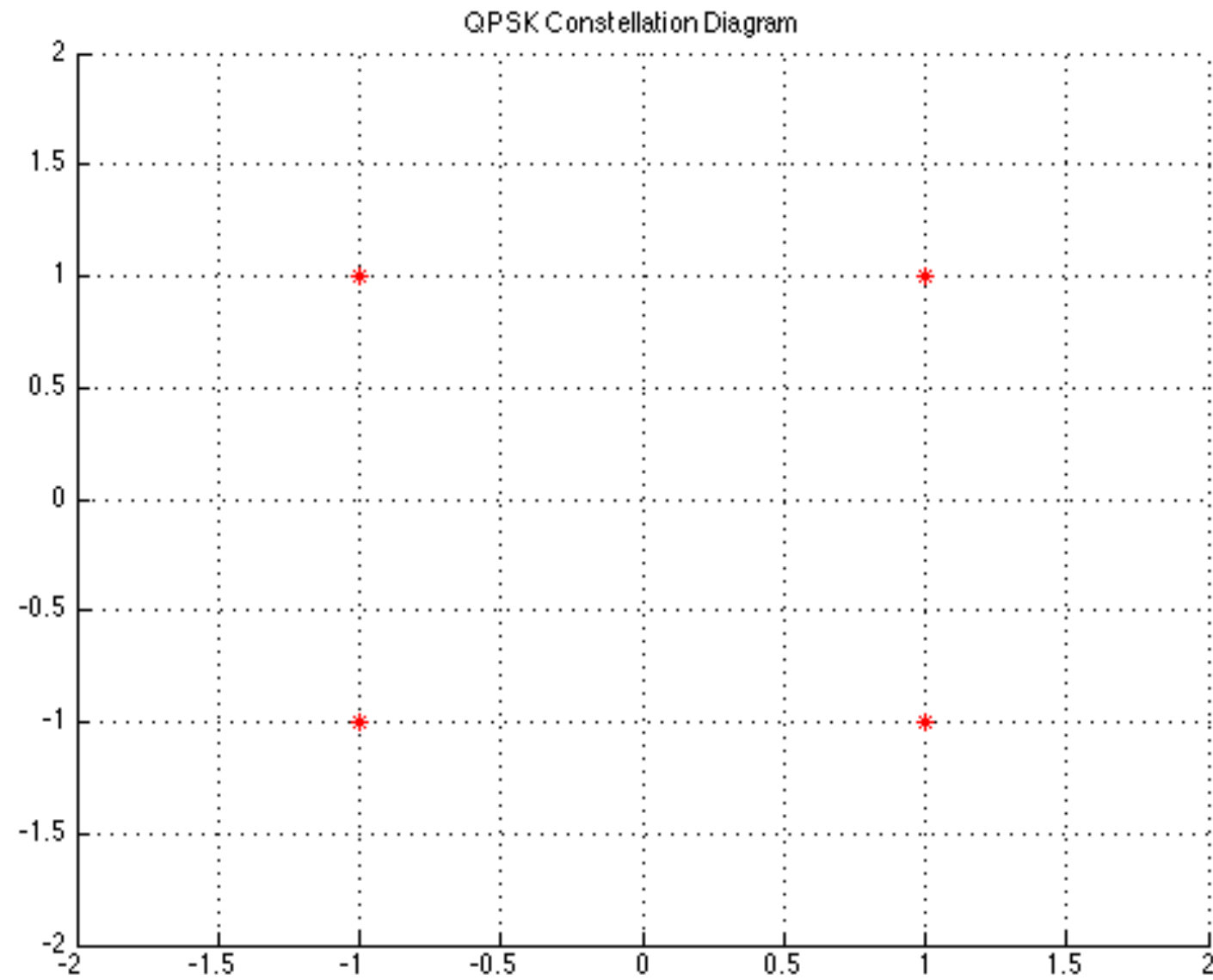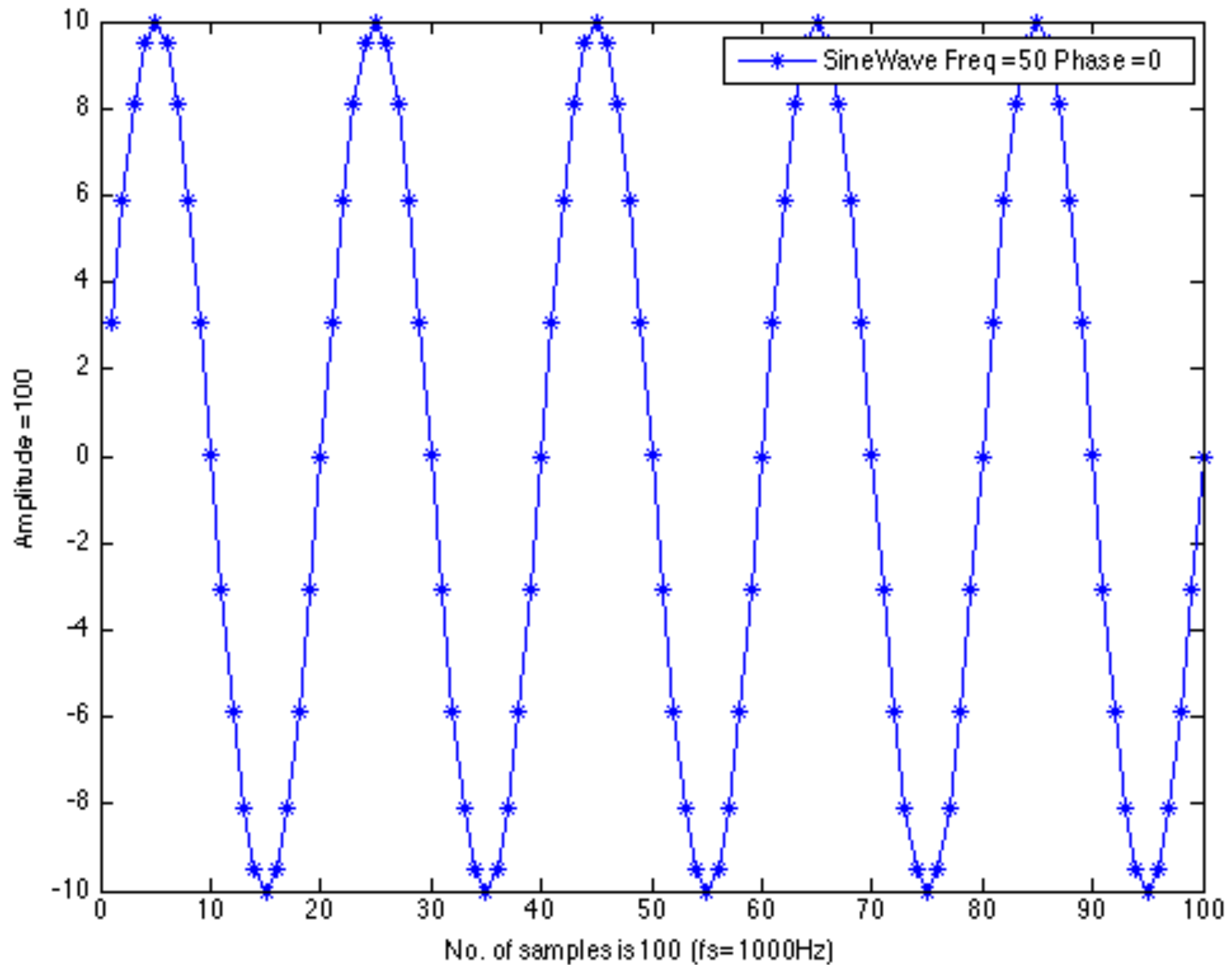
Solution:1(b) Generate QPSK modulated wave with randomly generated input binary sequence

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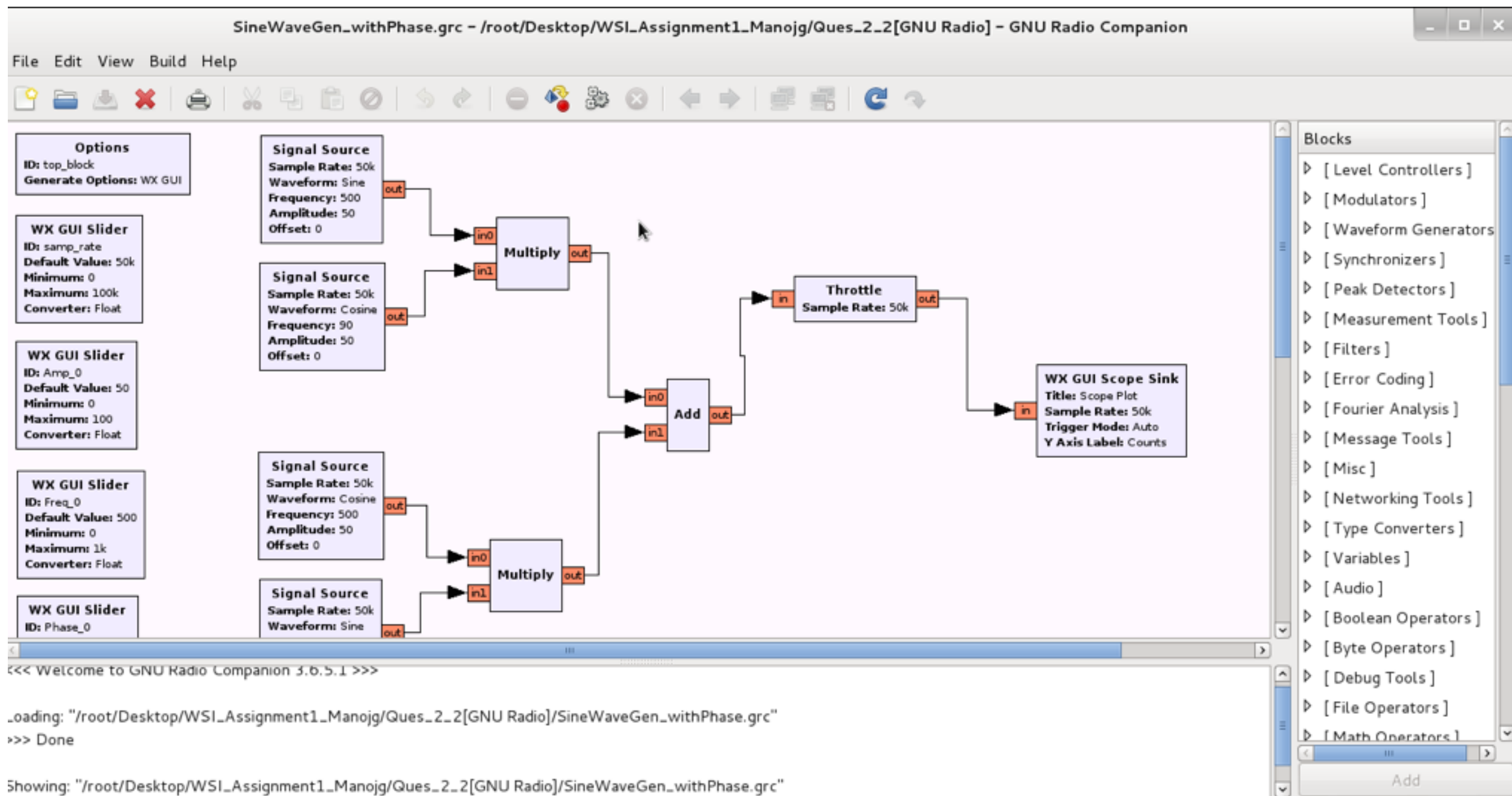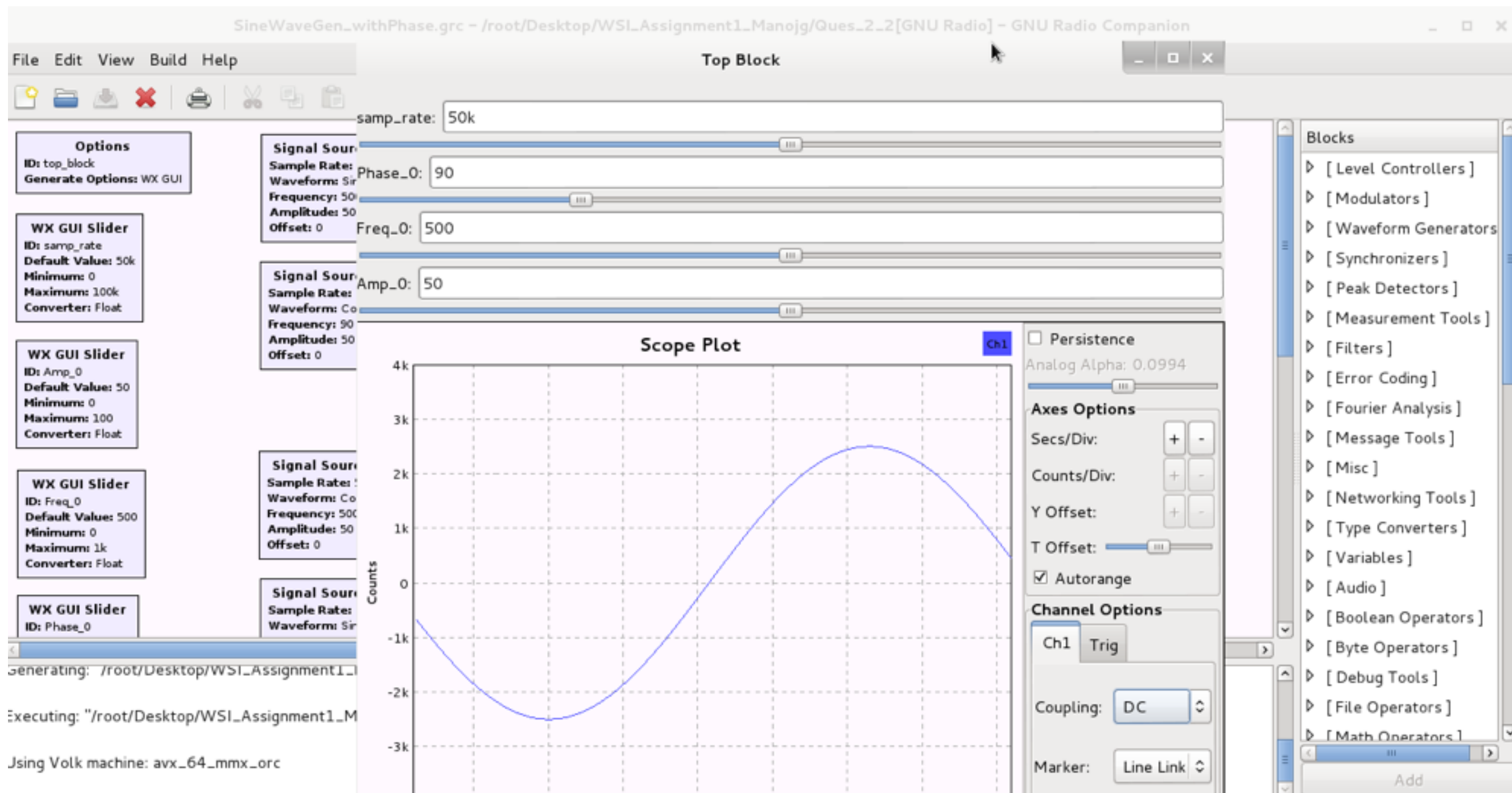
Solution:2 Generate Sine Wave with User Defined Input

Solution:2(a) Generate Sine Wave with User Defined Input [GNU Radio]

Solution:2(a) Generate Sine Wave with User Defined Input [GNU Radio]

Solution:3 Record and playback audio + Option to save raw data