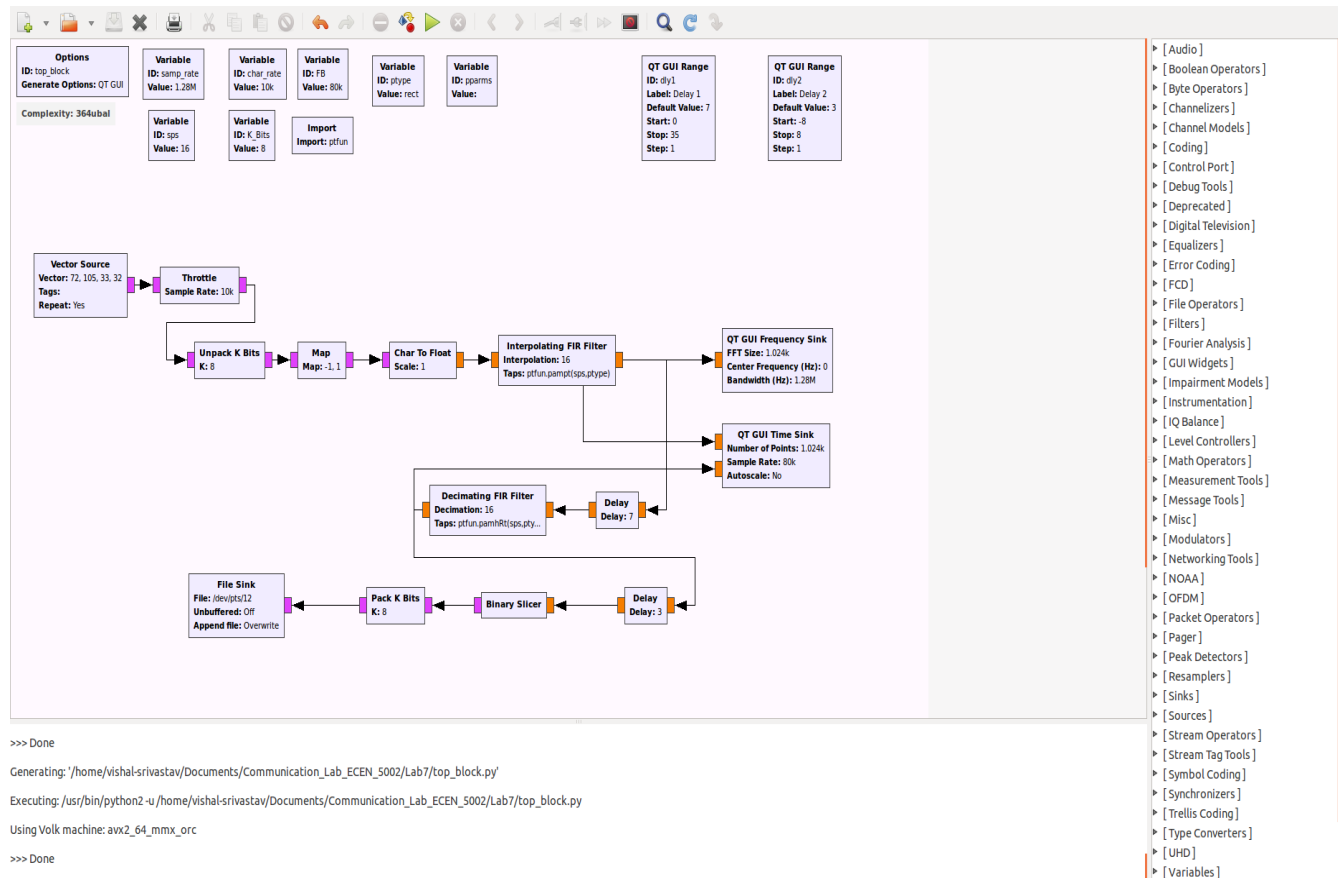


Lab 07, Experiment 1c

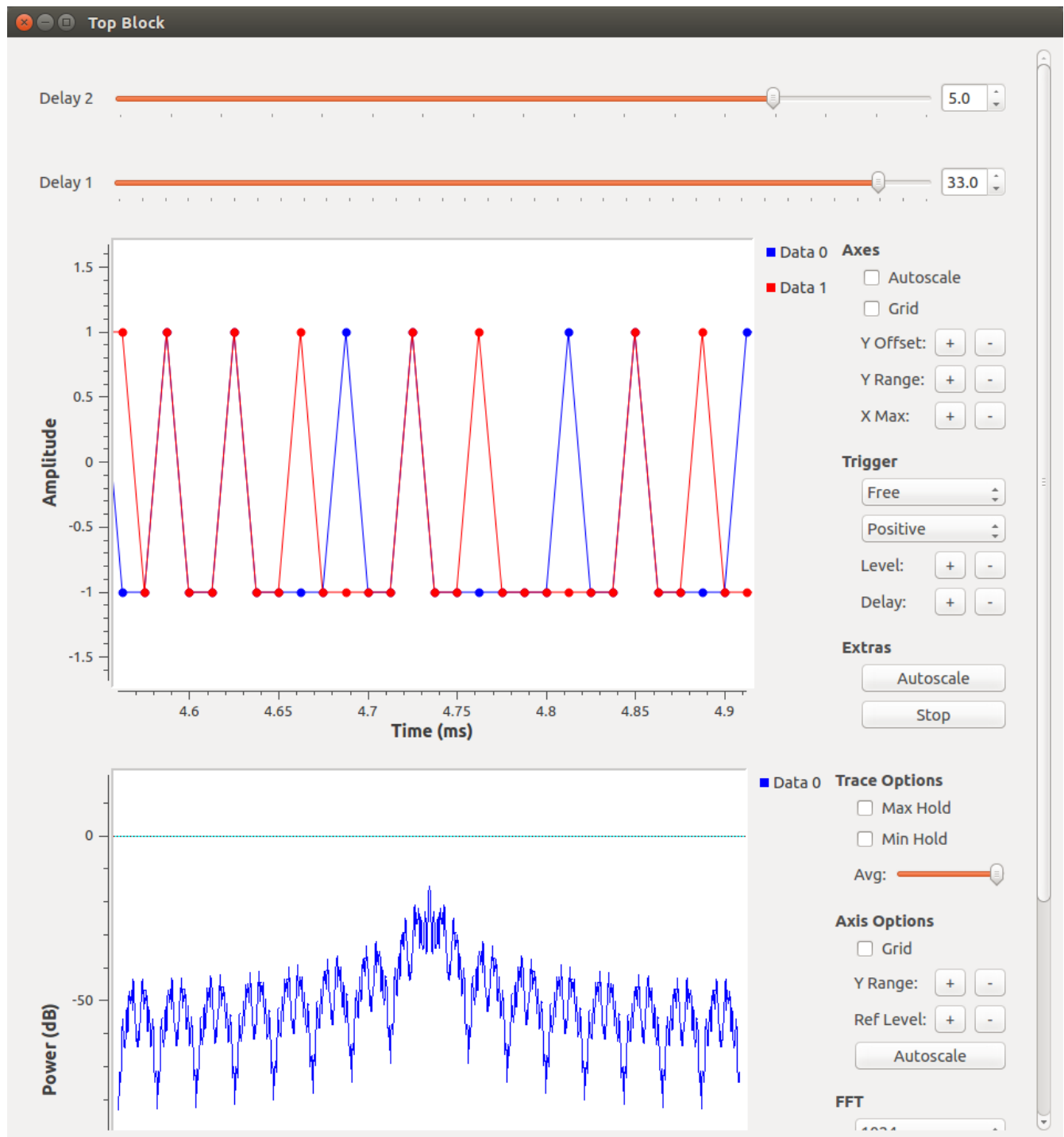
PAM Transmission/Reception in GNU Radio

We generate the below flow graph in GNU Radio:



The task is to find the value of dly1 and dly2 for 'rect' and 'rrcf' pulses which will give the required output and print “Hi” on terminal.

For 'rect' pulse below is the output plot and the snapshot of the terminal output:

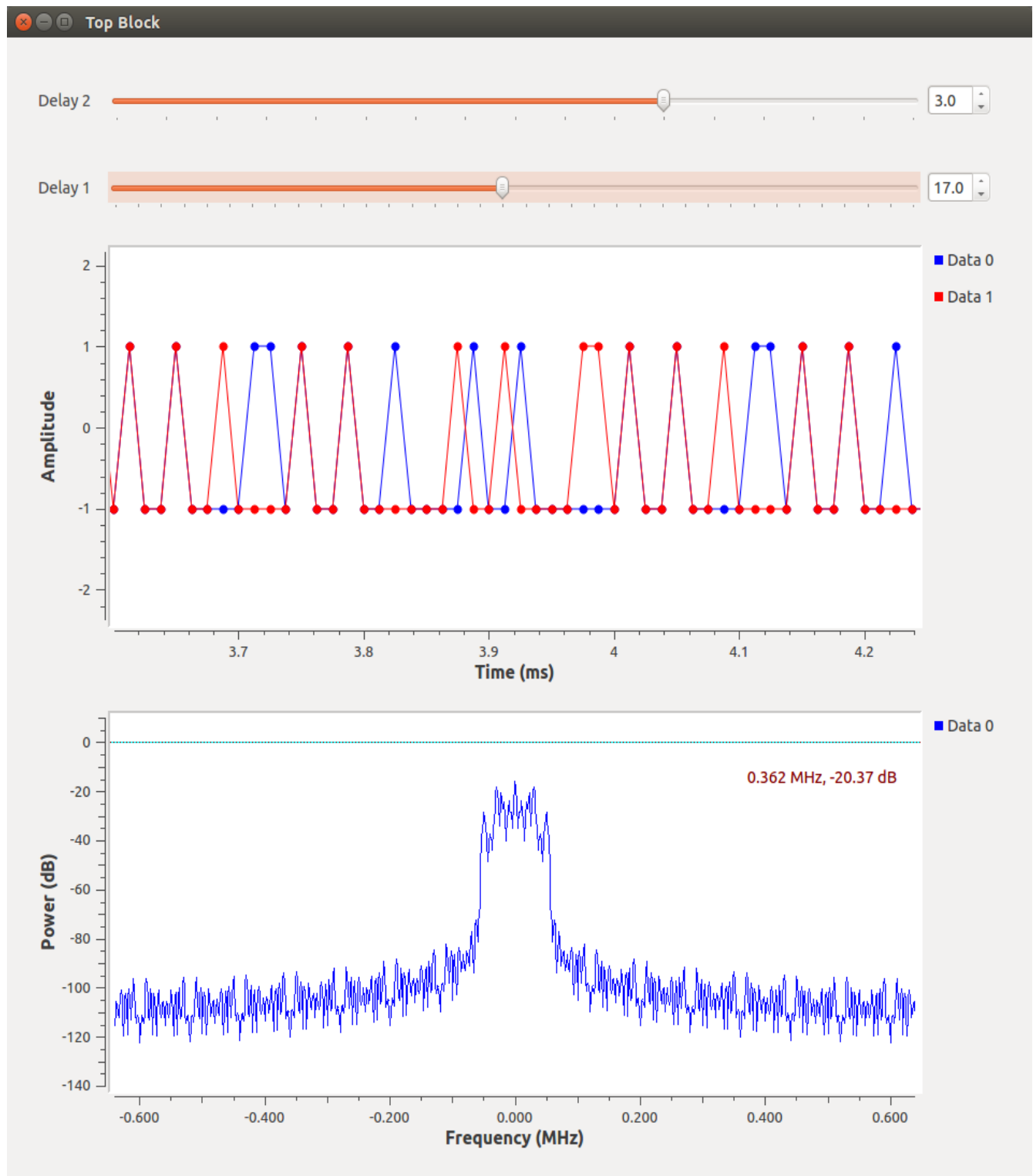


and

[illegible]

The above plot and the terminal output were obtained for $dly1 = 33$ and $dly2 = 5$.

For 'rrcf' pulse below is the output plot and the snapshot of the terminal output.



And

below is the output of terminal:

[illegible]

The above plot and the terminal output were obtained for $dly1 = 17$ and $dly2 = 3$.