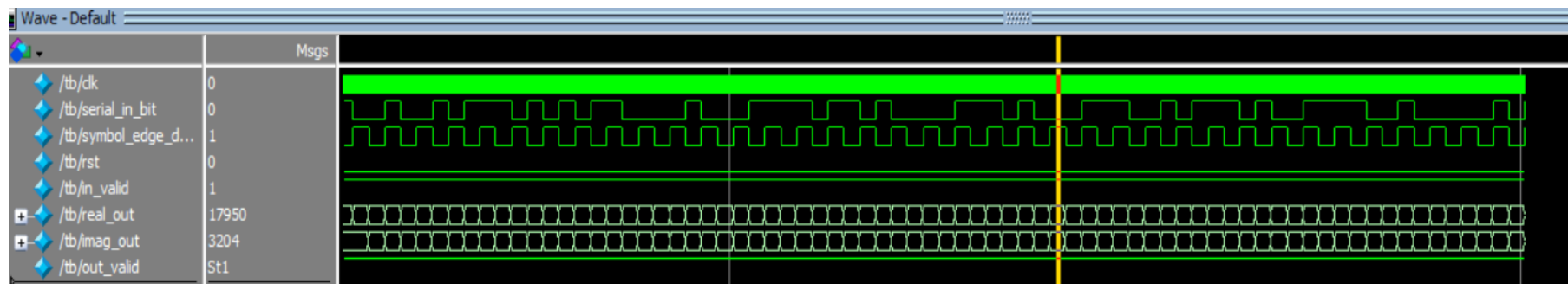
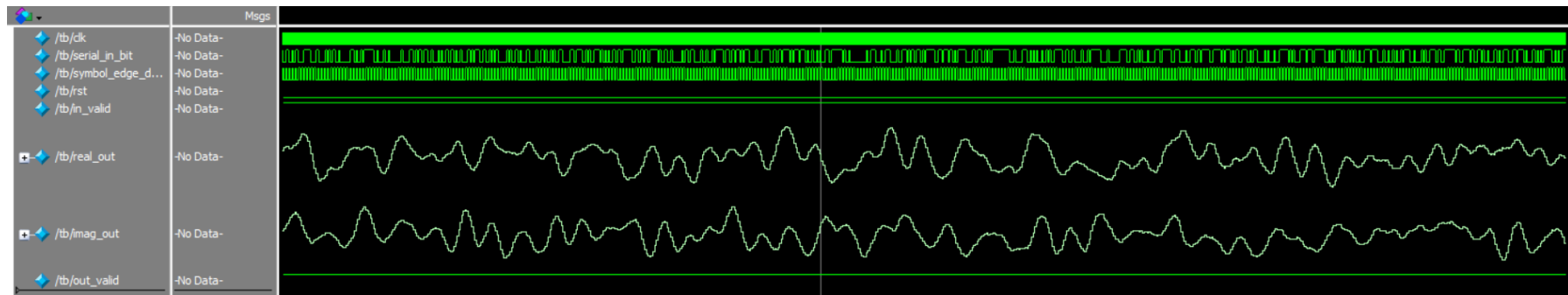


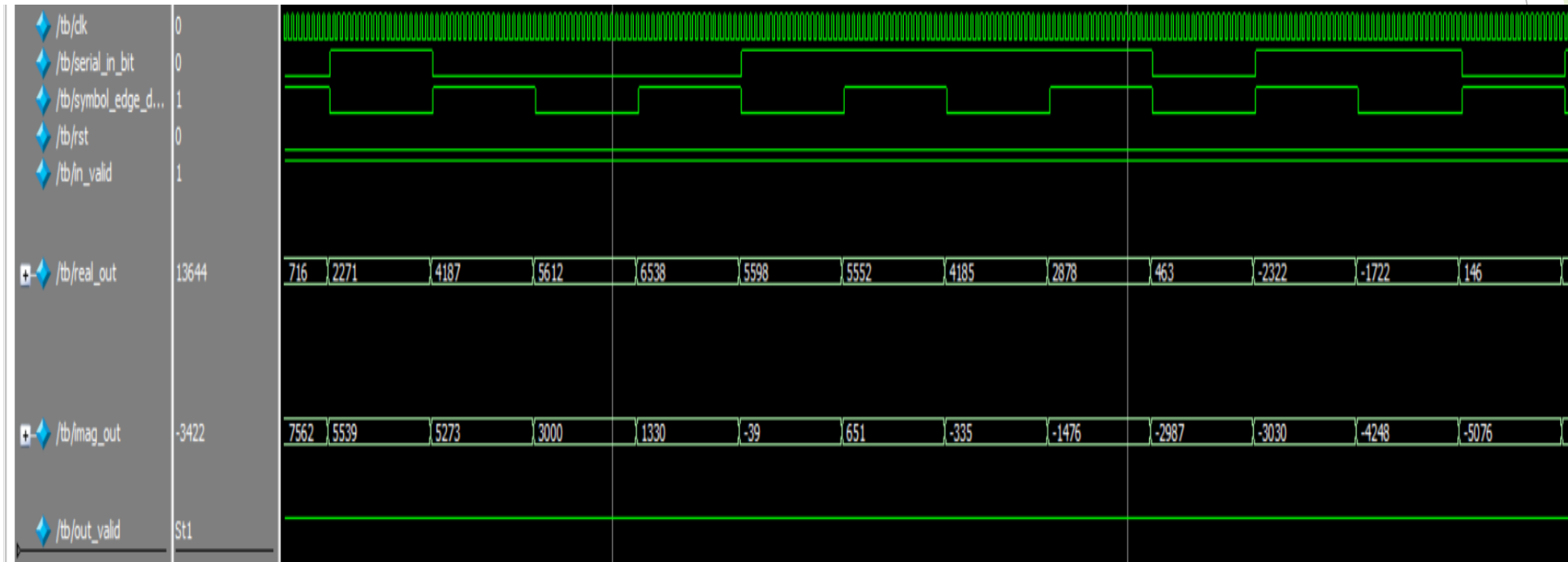
Validation Report

QAM Transmitter with Polyphase RRC Filter Verification

Analog waveform and Digital waveform using simulation



Some validation picture(You could check it for full simulation as well with python script provided)



```
-994 22207
-3836 22420
-6055 22174
-7036 21156
-6344 17770
-5029 14530
-1341 11153
716 7562
2271 5539
4187 3368
5612 3000
6538 1330
5598 -39
4817 -1104
4185 -335
2878 -1476
463 -2987
-567 -3765
-1722 -4248
146 -5076
1731 -4926
5020 -5004
9876 -3621
```