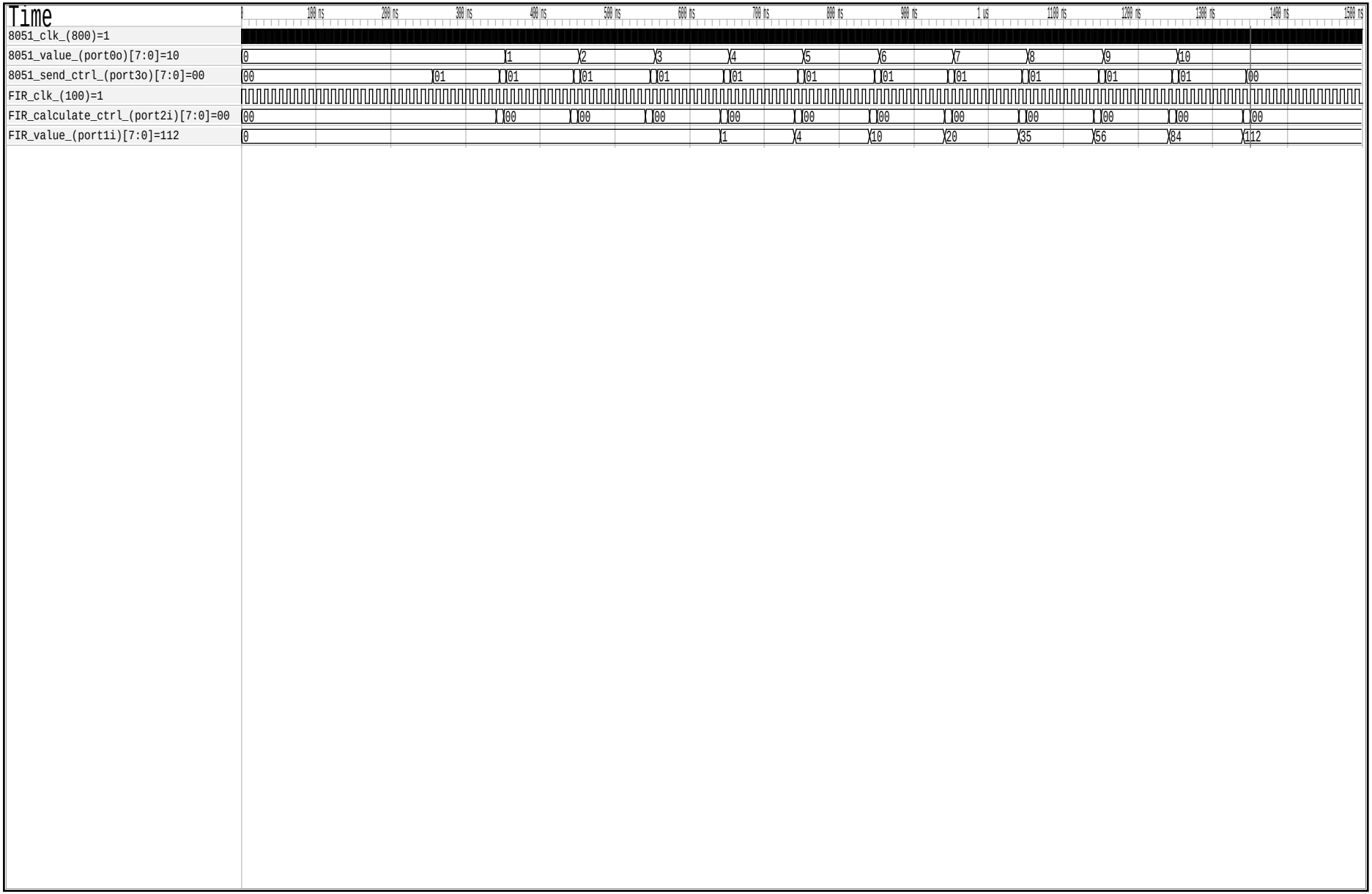
Time
0
100 ns
200 ns
300 ns
400 ns
500 ns
600 ns
700 ns
800 ns
900 ns
1 us
1100 ns
1200 ns
1300 ns
1400 ns
1500 ns
8051_clk_(800)=1
8051_value_(port0o)[7:0]=10
0 1 2 3 4 5 6 7 8 9 10
8051_send_ctrl_(port3o)[7:0]=00
00 01 01 01 01 01 01 01 01 01 01 01 00
FIR_clk_(100)=1
FIR_calculate_ctrl_(port2i)[7:0]=00
00 00 00 00 00 00 00 00 00 00 00 00 00
FIR_value_(port1i)[7:0]=112
0 1 4 10 20 35 56 84 112