Lab 3 Design Record

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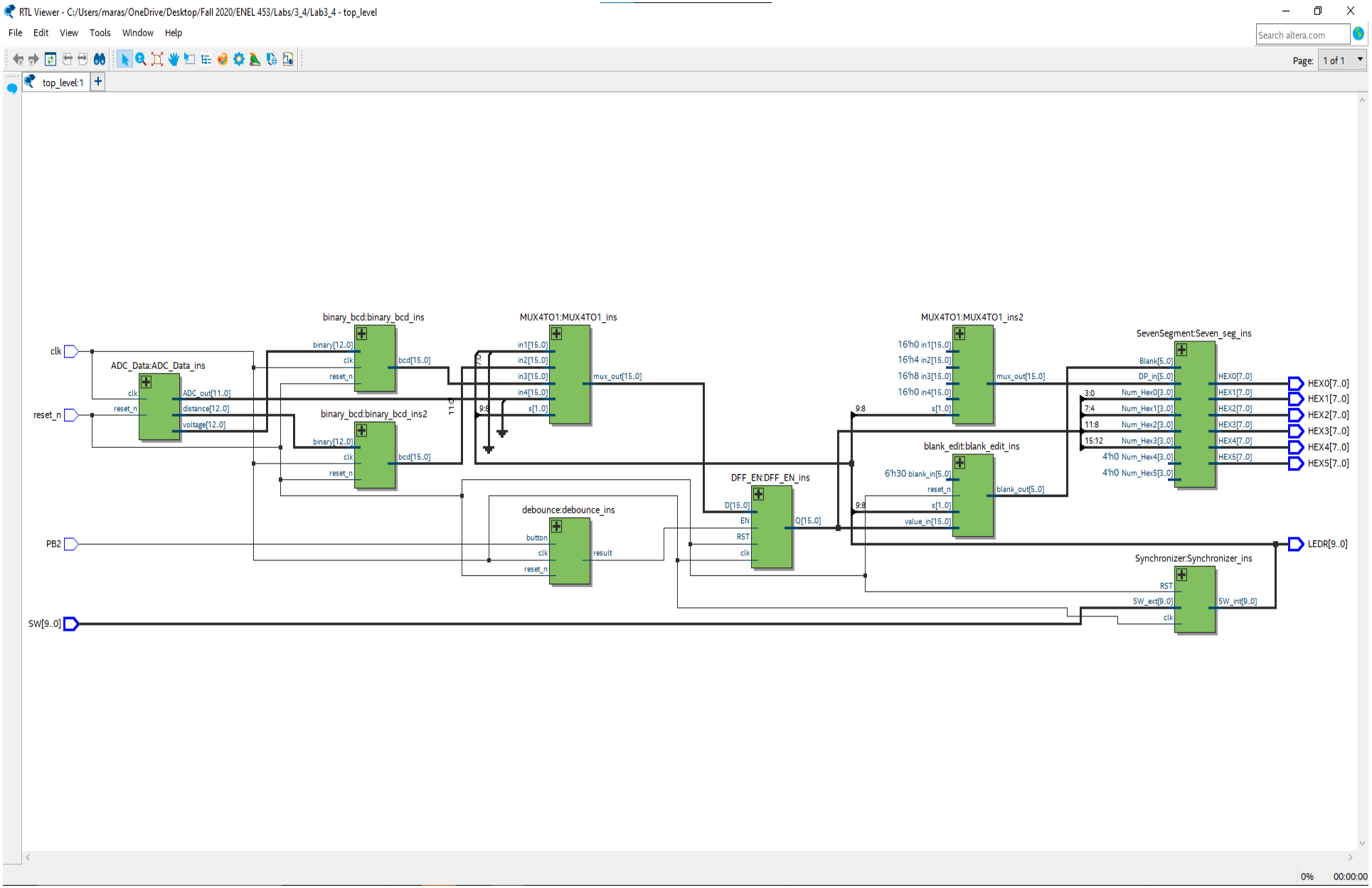
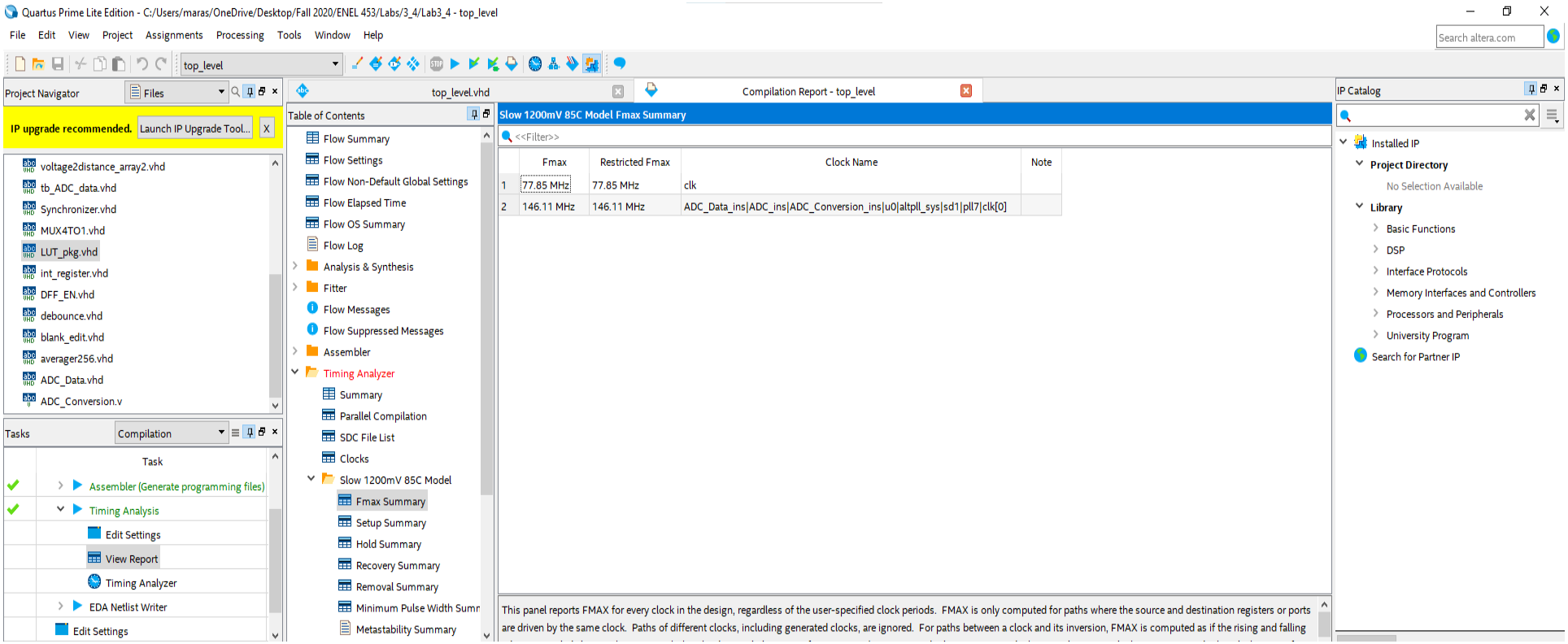
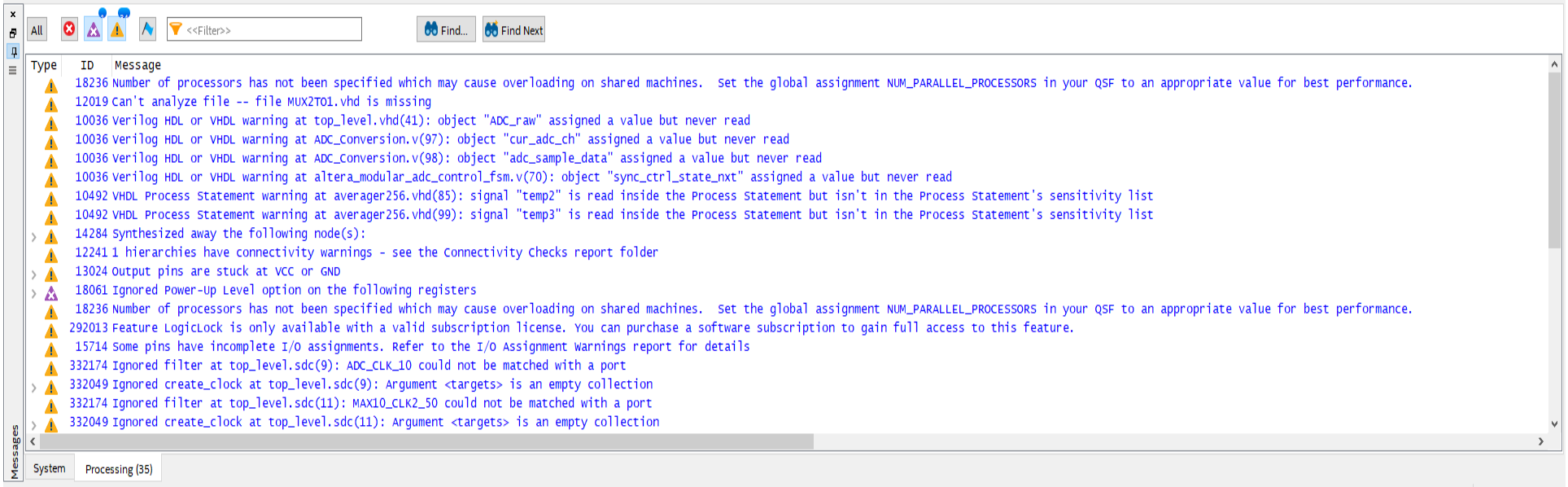
RTL Viewer:



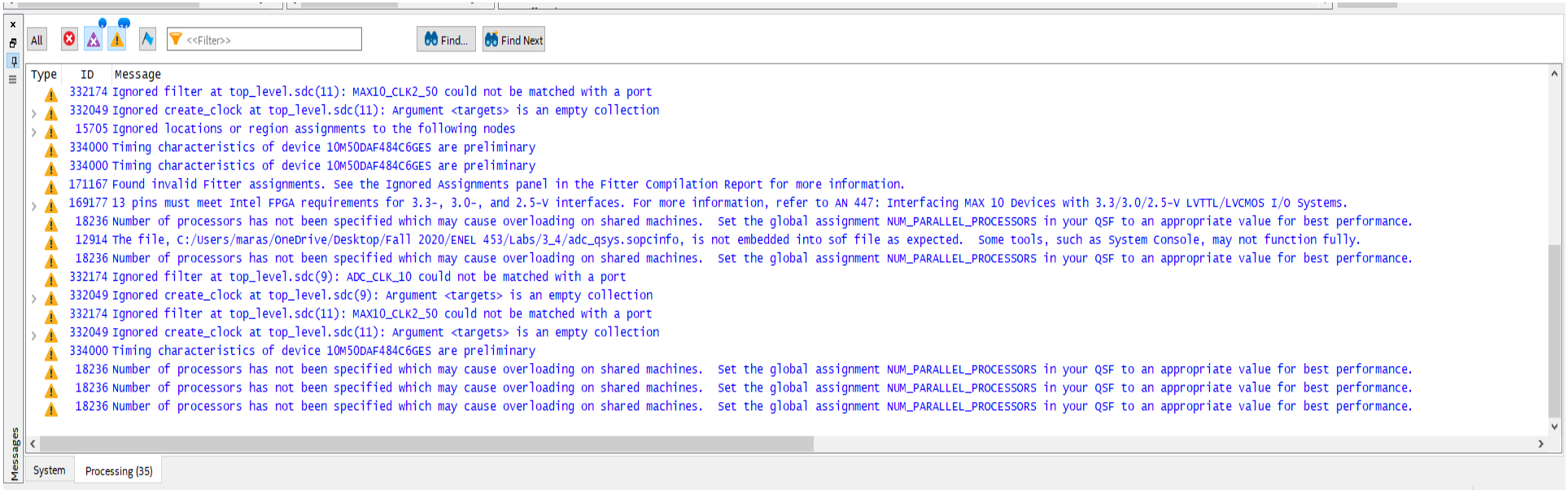
Fmax Summary for 85C Model:



Messages Window:

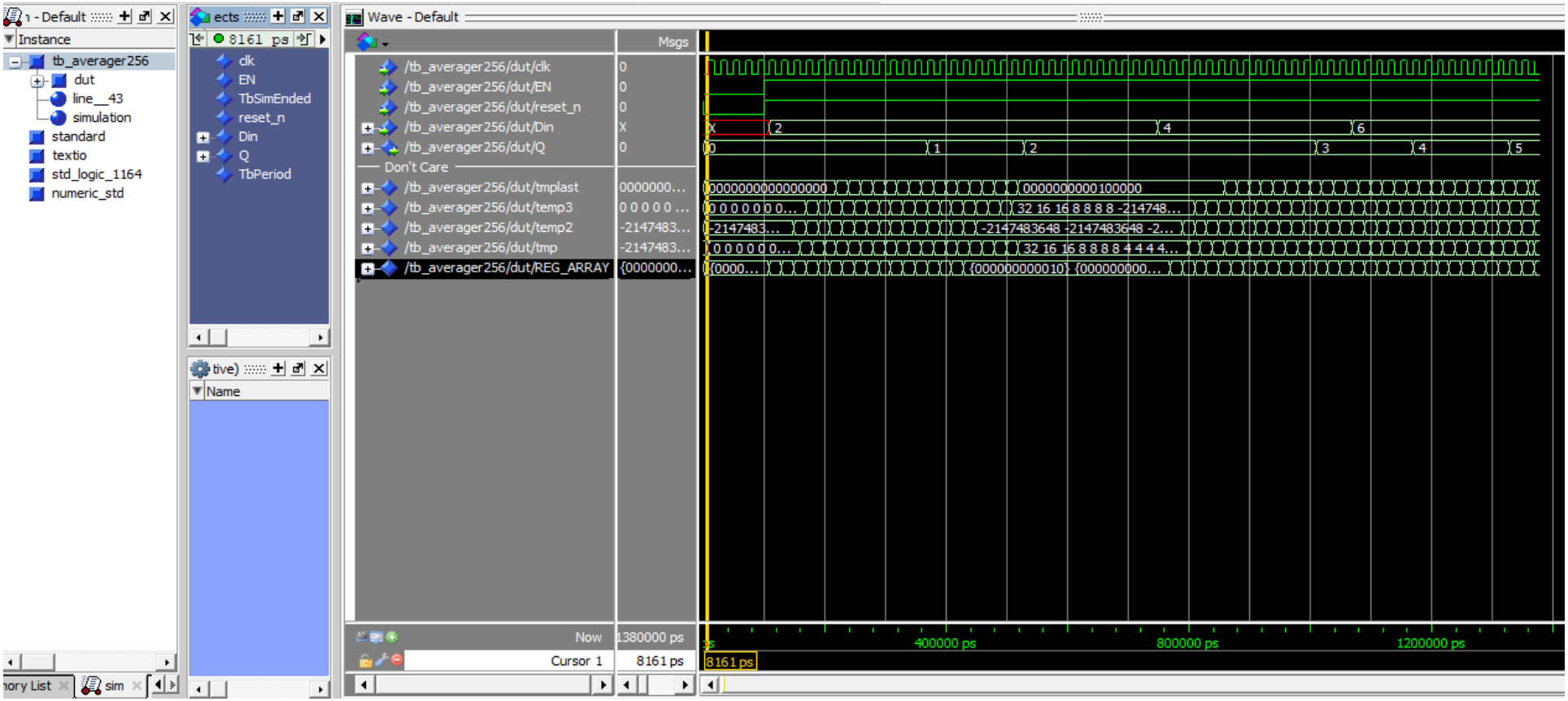


Messages Window (continue):

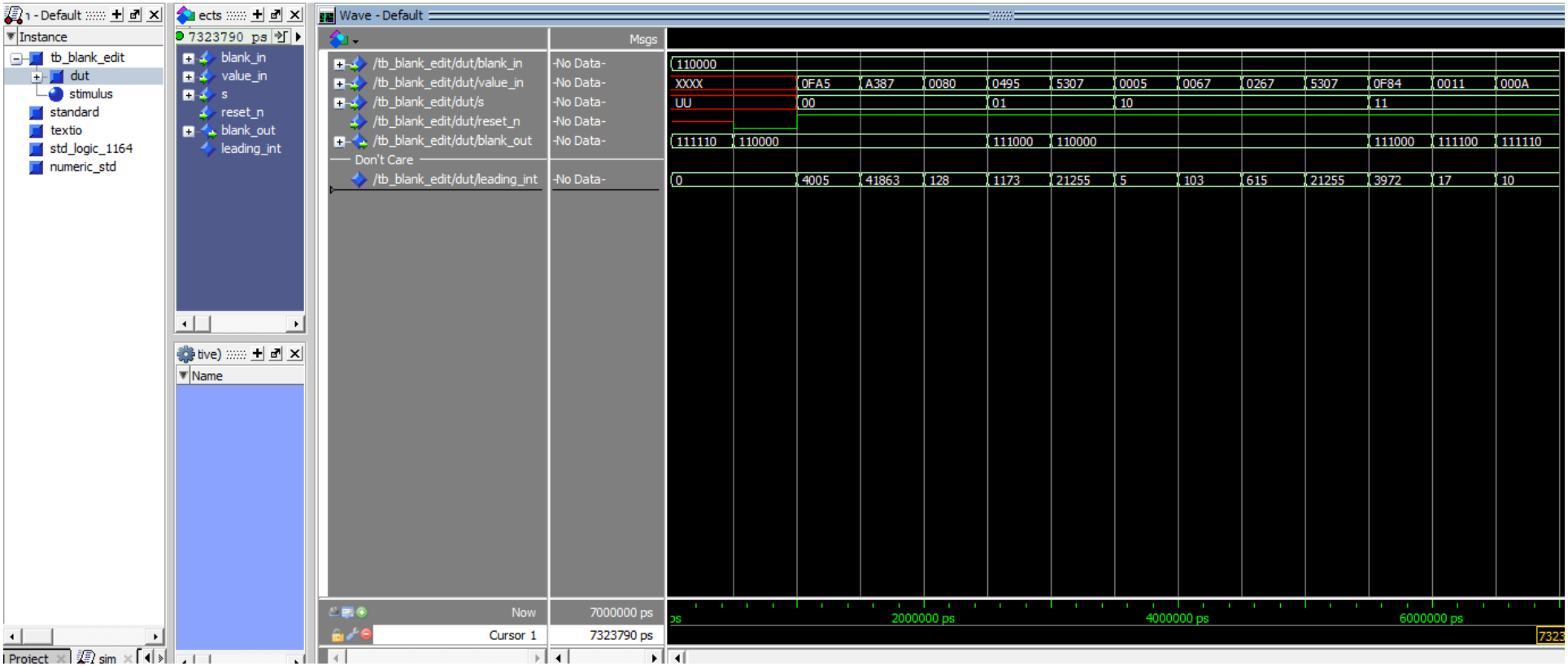


Testbench:

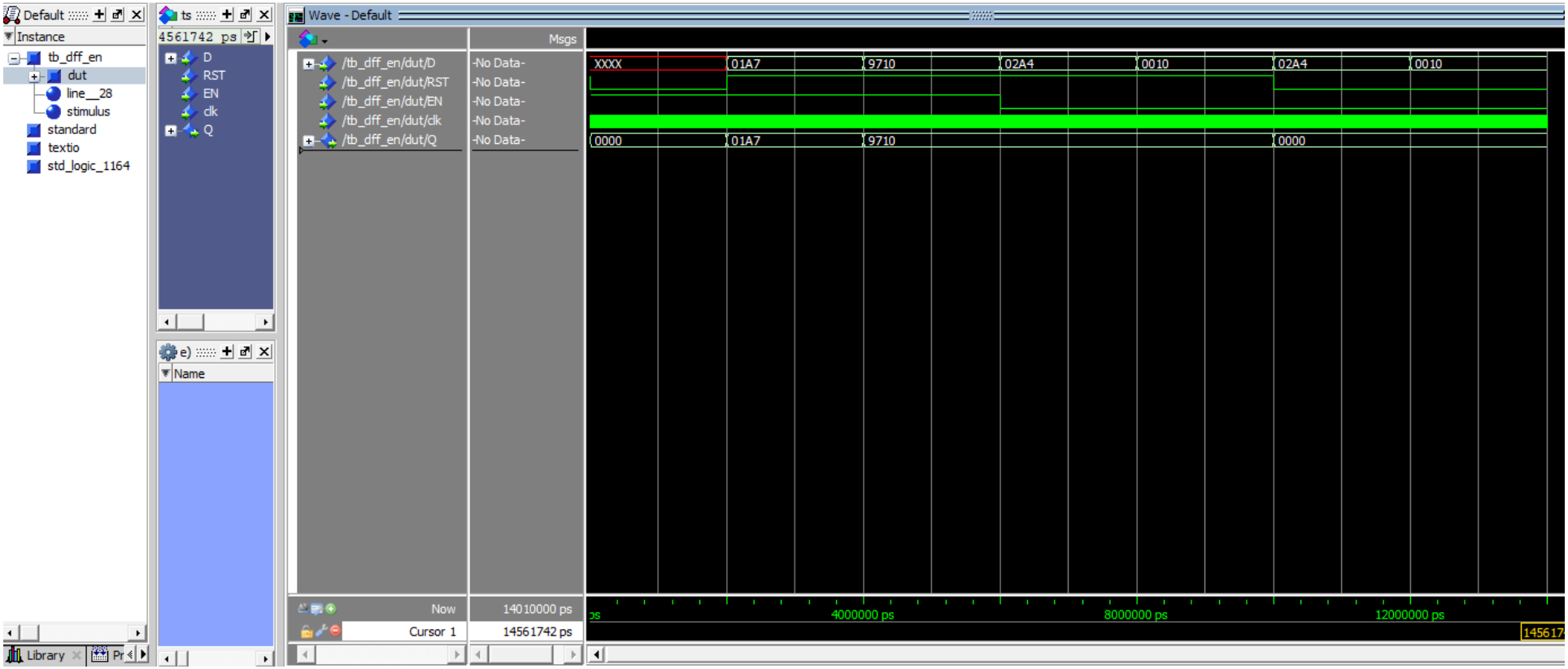
Tb_averager256:



Tb_blank_edit:



tb_DFF_EN:


Default
Instance
tb_dff_en
dut
line__28
stimulus
standard
textio
std_logic_1164
Library
ts
4561742 ps
D
RST
EN
clk
Q
e)
Name
Wave - Default
Msgs
/tb_dff_en/dut/D
/tb_dff_en/dut/RST
/tb_dff_en/dut/EN
/tb_dff_en/dut/clk
/tb_dff_en/dut/Q
-No Data-
XXXX
01A7
9710
02A4
0010
02A4
0010
0000
01A7
9710
0000
Now
14010000 ps
Cursor 1
14561742 ps
4000000 ps
8000000 ps
12000000 ps

Tb_top_level:


Wave - Default
Msgs
/tb_top_level/dut/clk
/tb_top_level/dut/reset_n
/tb_top_level/dut/PB2
/tb_top_level/dut/SW
/tb_top_level/dut/distance
/tb_top_level/dut/voltage
/tb_top_level/dut/ADC_out
/tb_top_level/dut/HEX0
/tb_top_level/dut/HEX1
/tb_top_level/dut/HEX2
/tb_top_level/dut/HEX3
Don't Care
/tb_top_level/dut/mux_out
/tb_top_level/dut/DFF_out
/tb_top_level/dut/LEDR
/tb_top_level/dut/HEX4
/tb_top_level/dut/HEX5
/tb_top_level/dut/Num_H...
/tb_top_level/dut/Num_H...
/tb_top_level/dut/Num_H...
/tb_top_level/dut/Num_H...
/tb_top_level/dut/Num_H...
Now
Cursor 1
Cursor 2
100000000000 ps
200000000000 ps
300000000000 ps
156078646330 ps
158250714966 ps
314329361296 ps