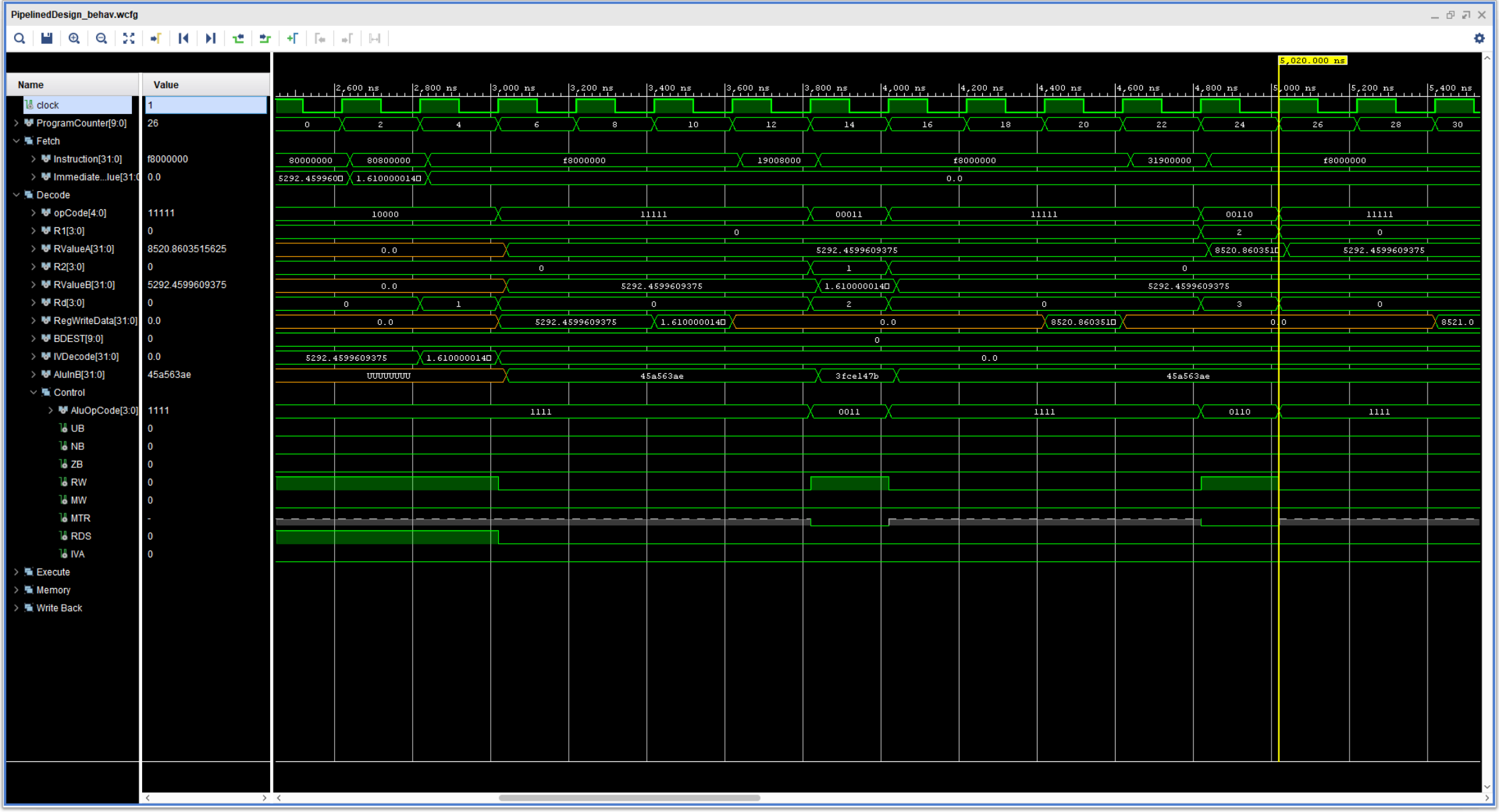
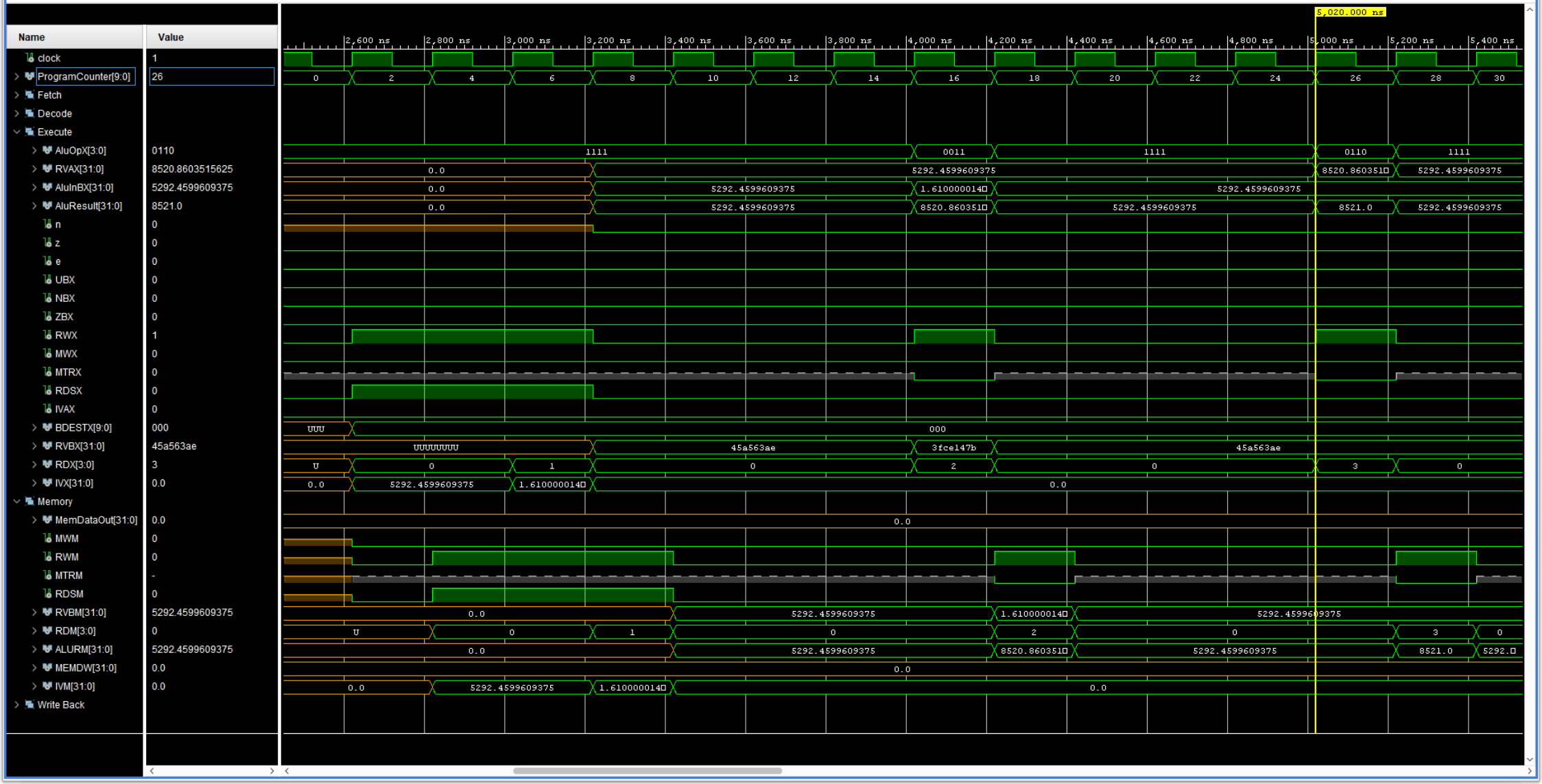
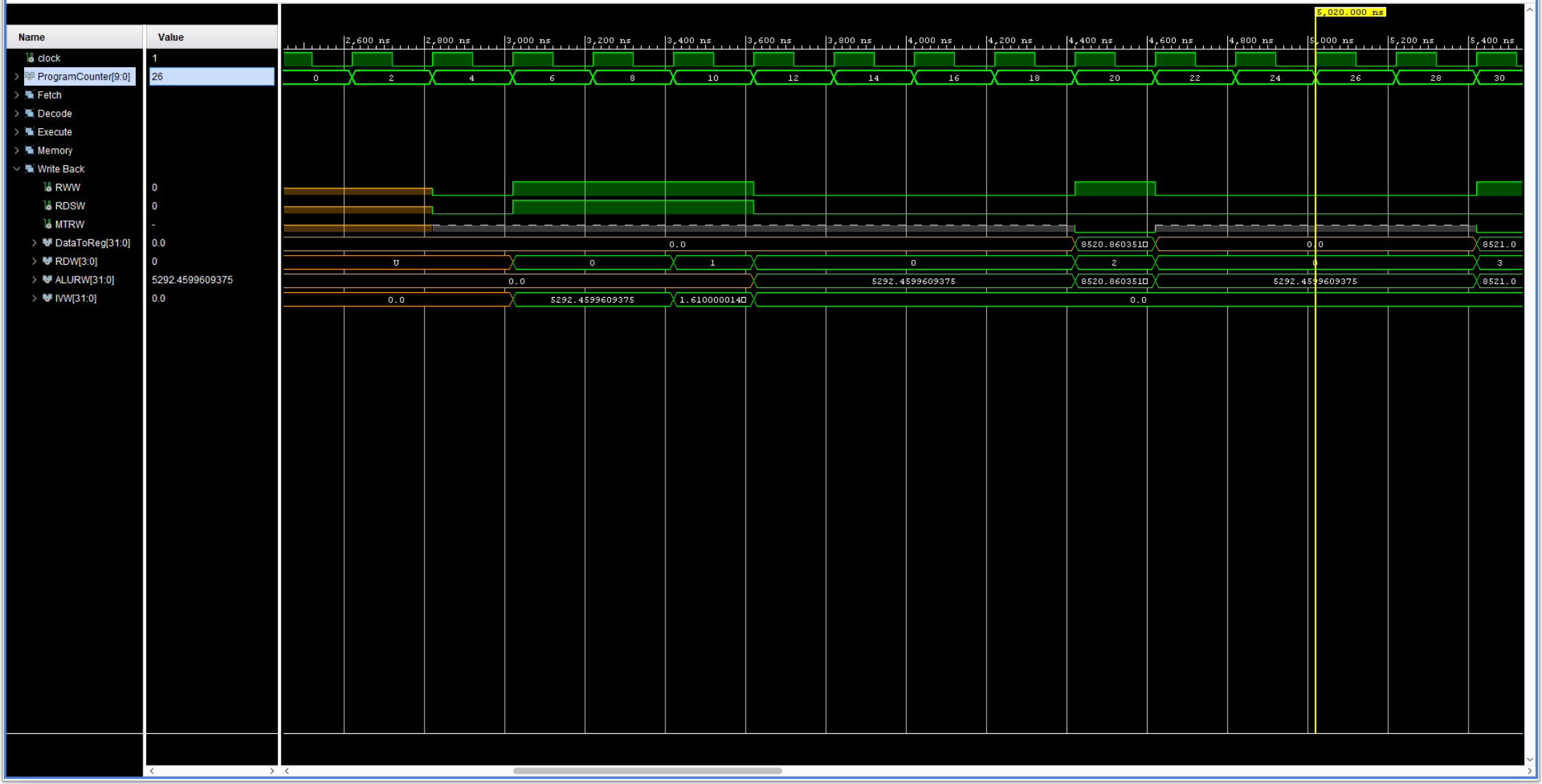

PipelinedDesign_behav.wcfg
Name
Value
clock
1
ProgramCounter[9:0]
26
Fetch
Instruction[31:0]
f8000000
Immediate...lue[31:0]
0.0
Decode
opCode[4:0]
11111
R1[3:0]
0
RValueA[31:0]
8520.8603515625
R2[3:0]
0
RValueB[31:0]
5292.4599609375
Rd[3:0]
0
RegWriteData[31:0]
0.0
BDEST[9:0]
0
IVDecode[31:0]
0.0
AluInB[31:0]
45a563ae
Control
AluOpCode[3:0]
1111
UB
0
NB
0
ZB
0
RW
0
MW
0
MTR
-
RDS
0
IVA
0
Execute
Memory
Write Back
2,600 ns
2,800 ns
3,000 ns
3,200 ns
3,400 ns
3,600 ns
3,800 ns
4,000 ns
4,200 ns
4,400 ns
4,600 ns
4,800 ns
5,000 ns
5,020.000 ns
5,200 ns
5,400 ns

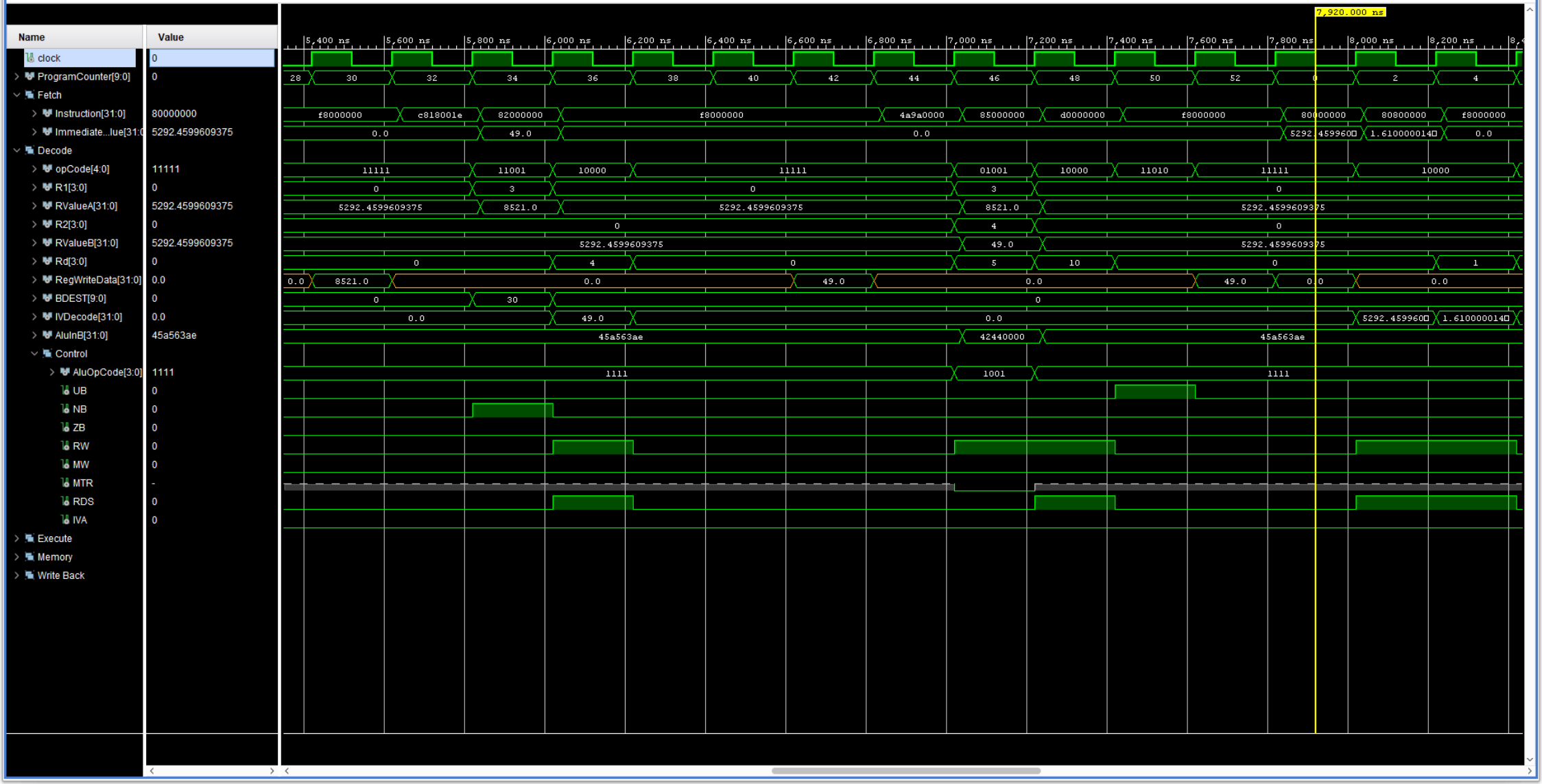
PipelinedDesign_behav.wcfg



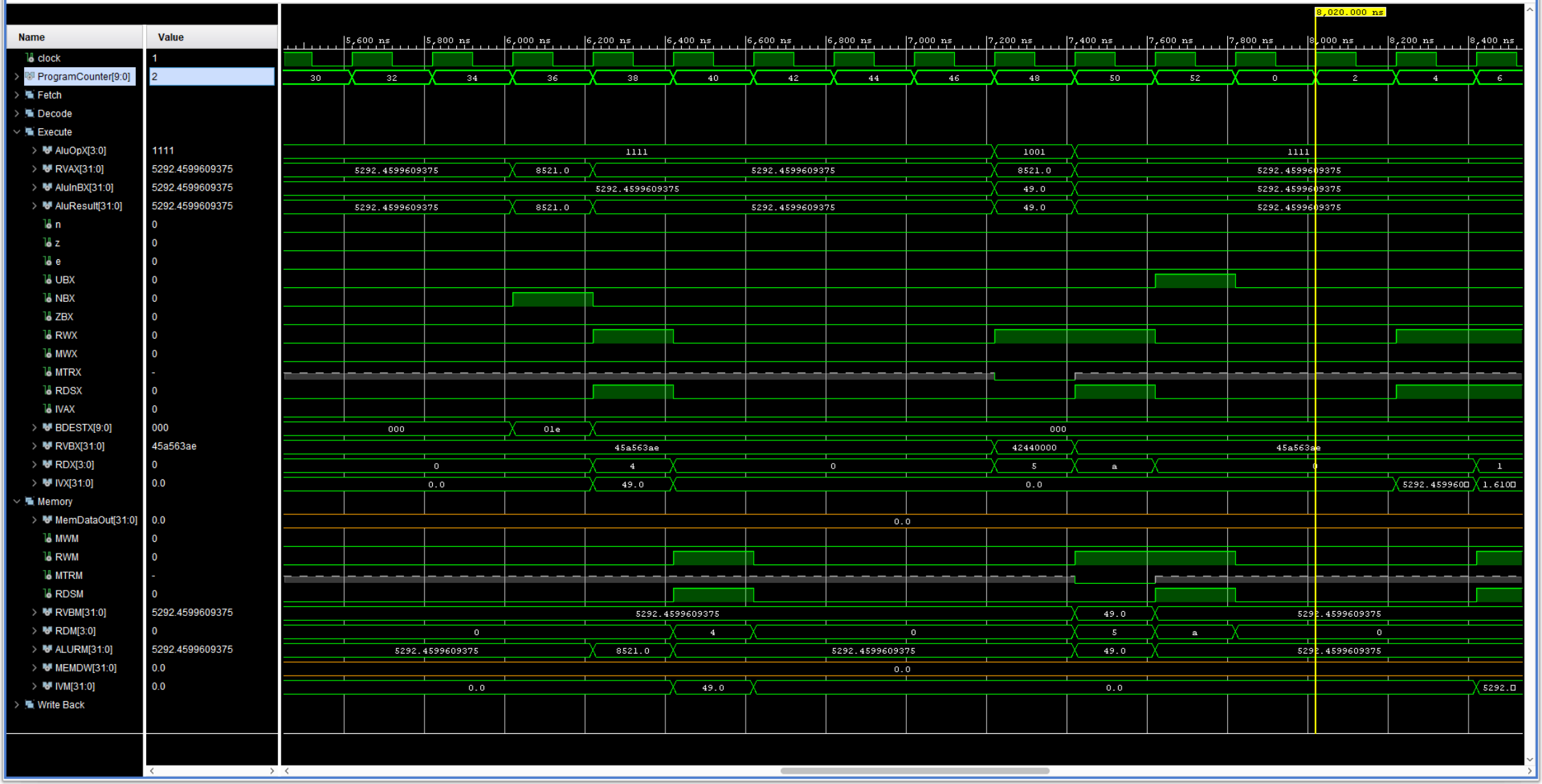
PipelinedDesign_behav.wcfg



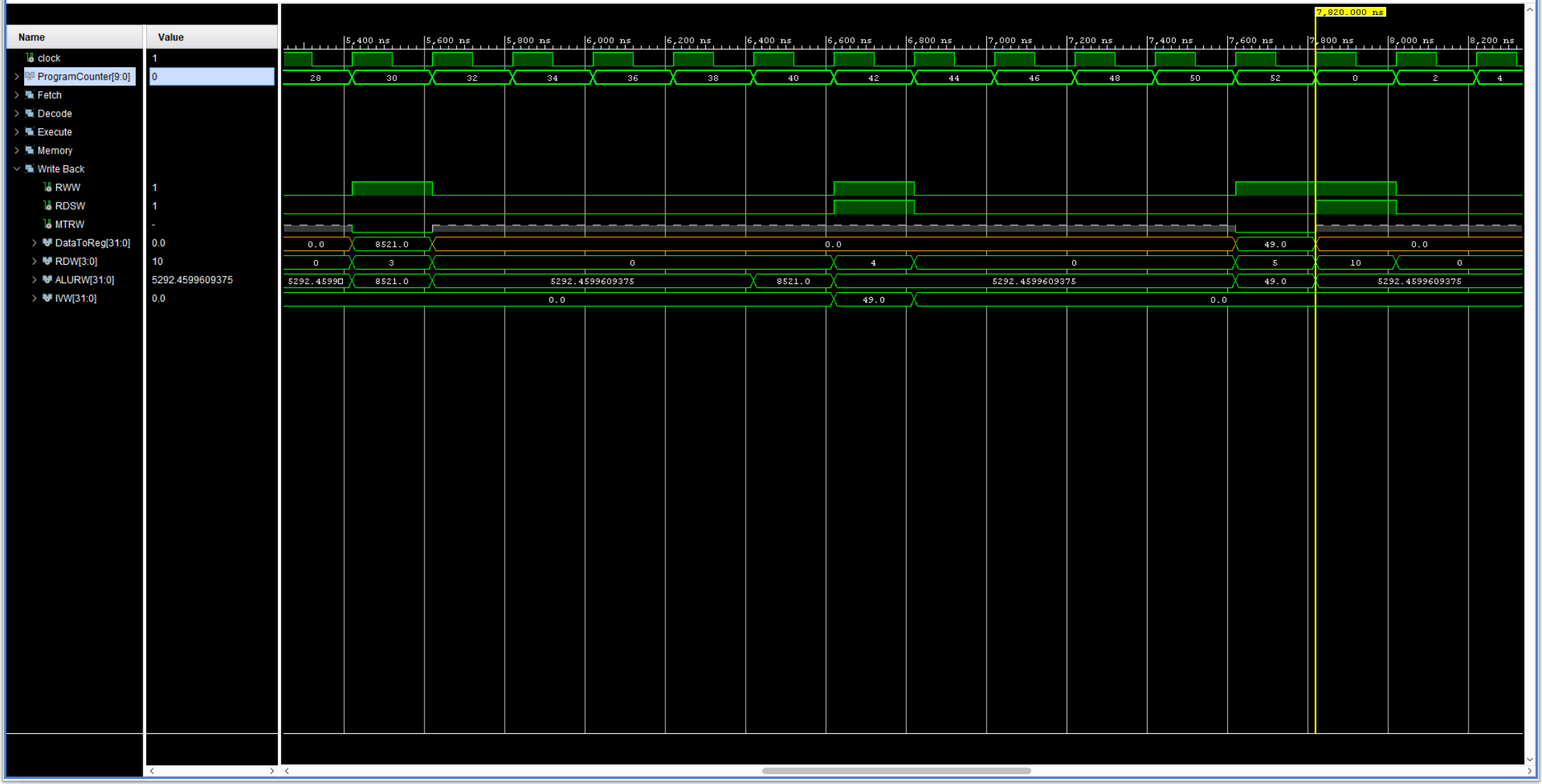
PipelinedDesign_behav.wcfg

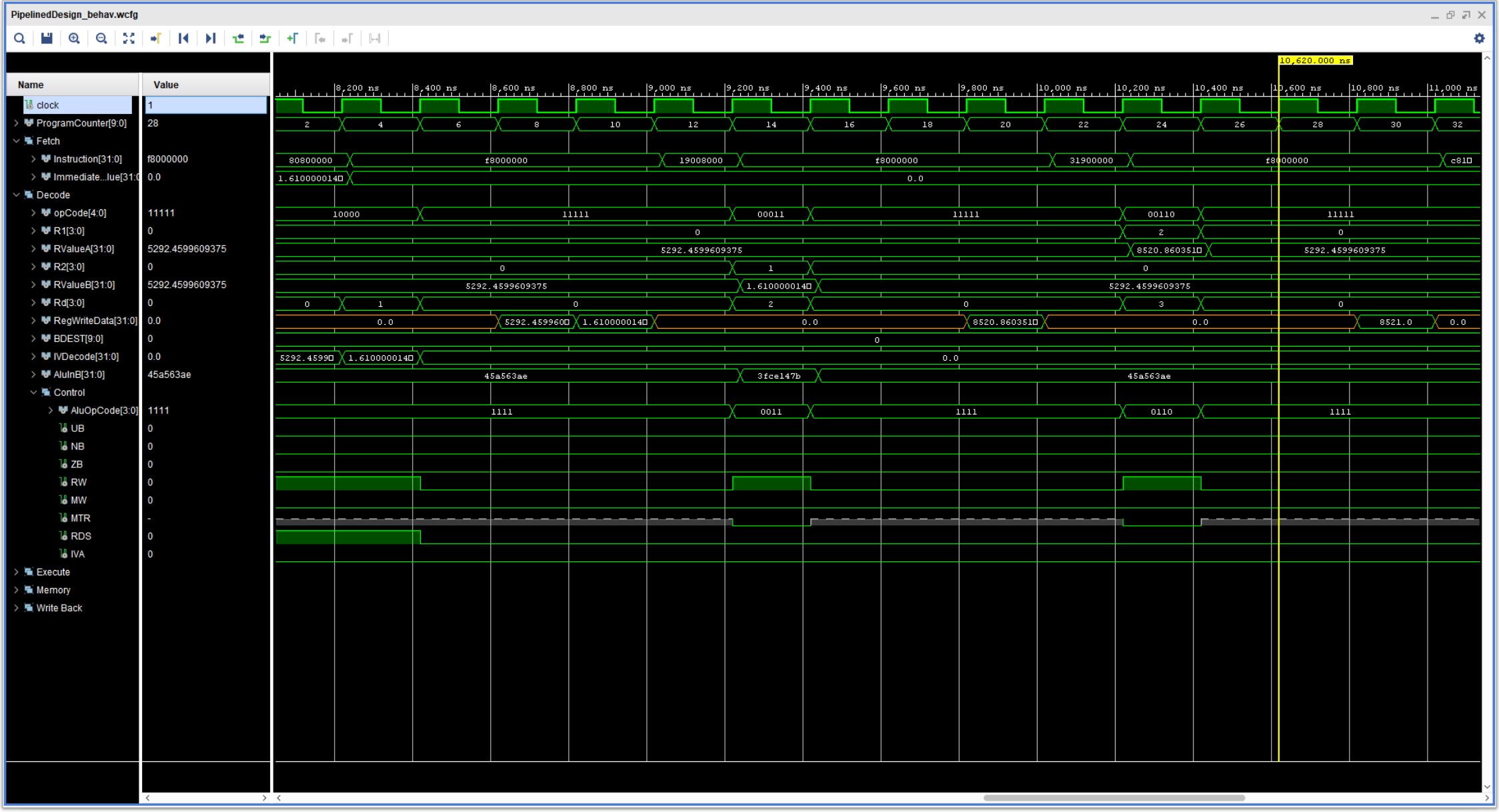


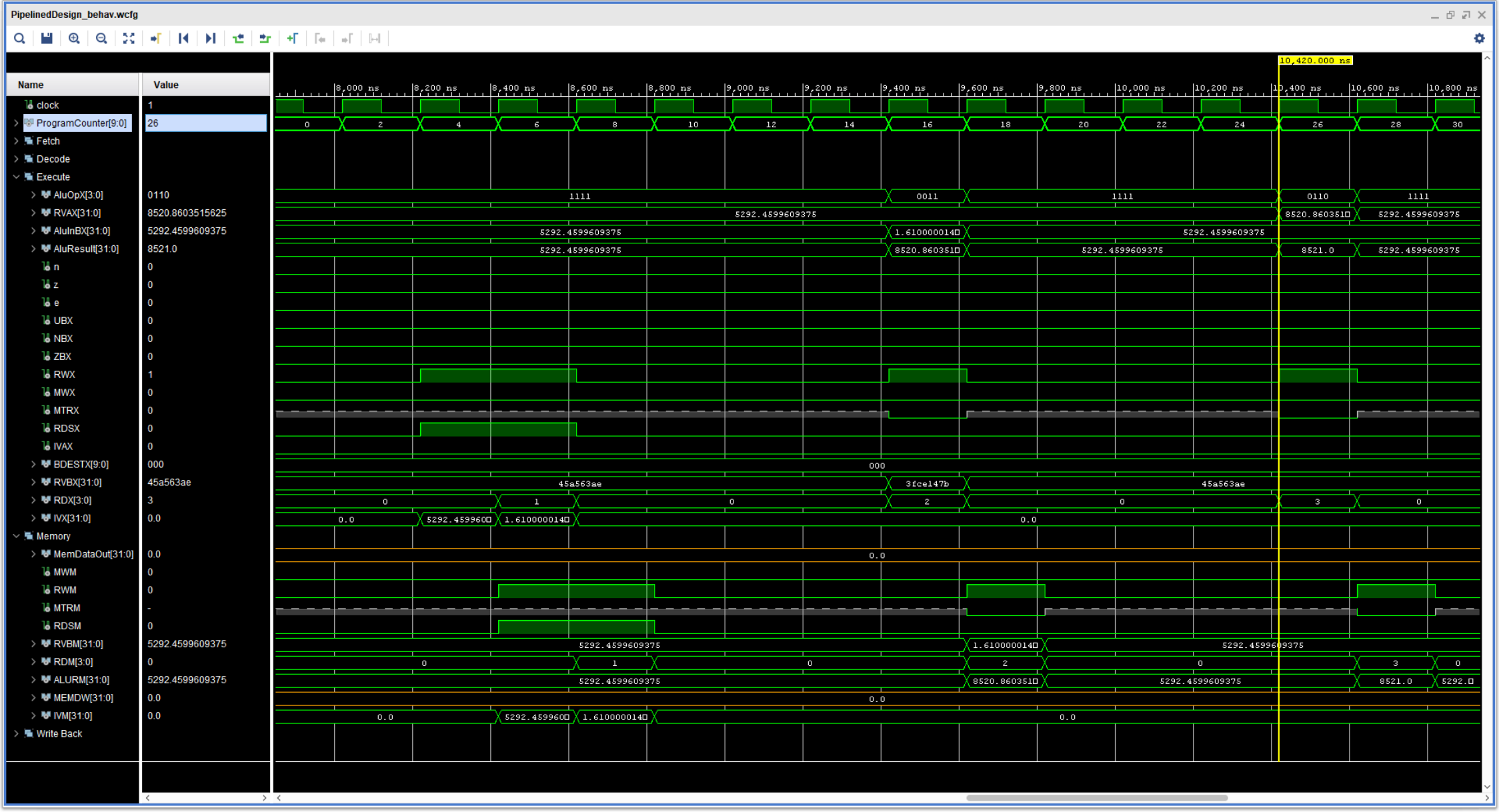
PipelinedDesign_behav.wcfg



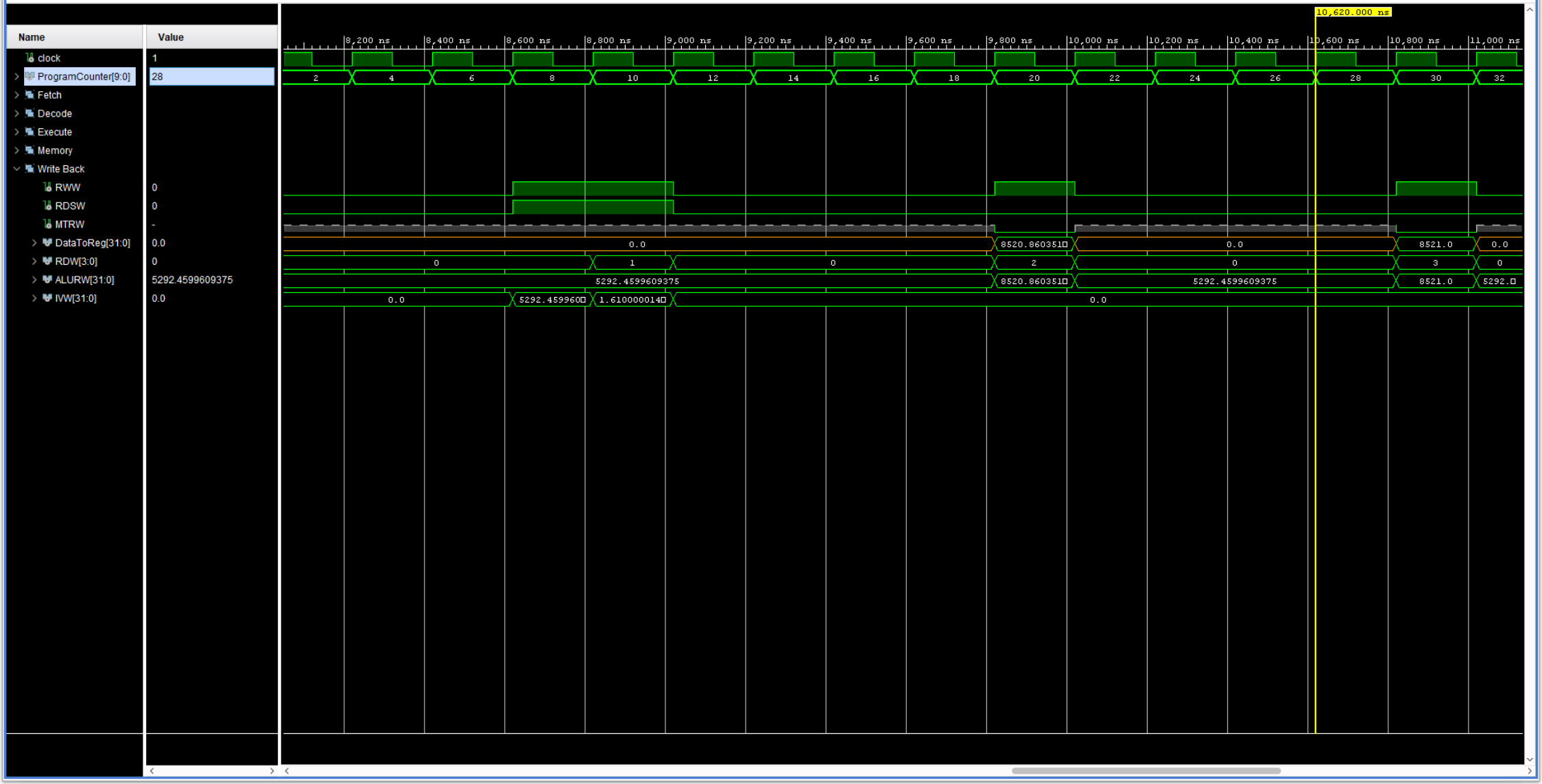
PipelinedDesign_behav.wcfg



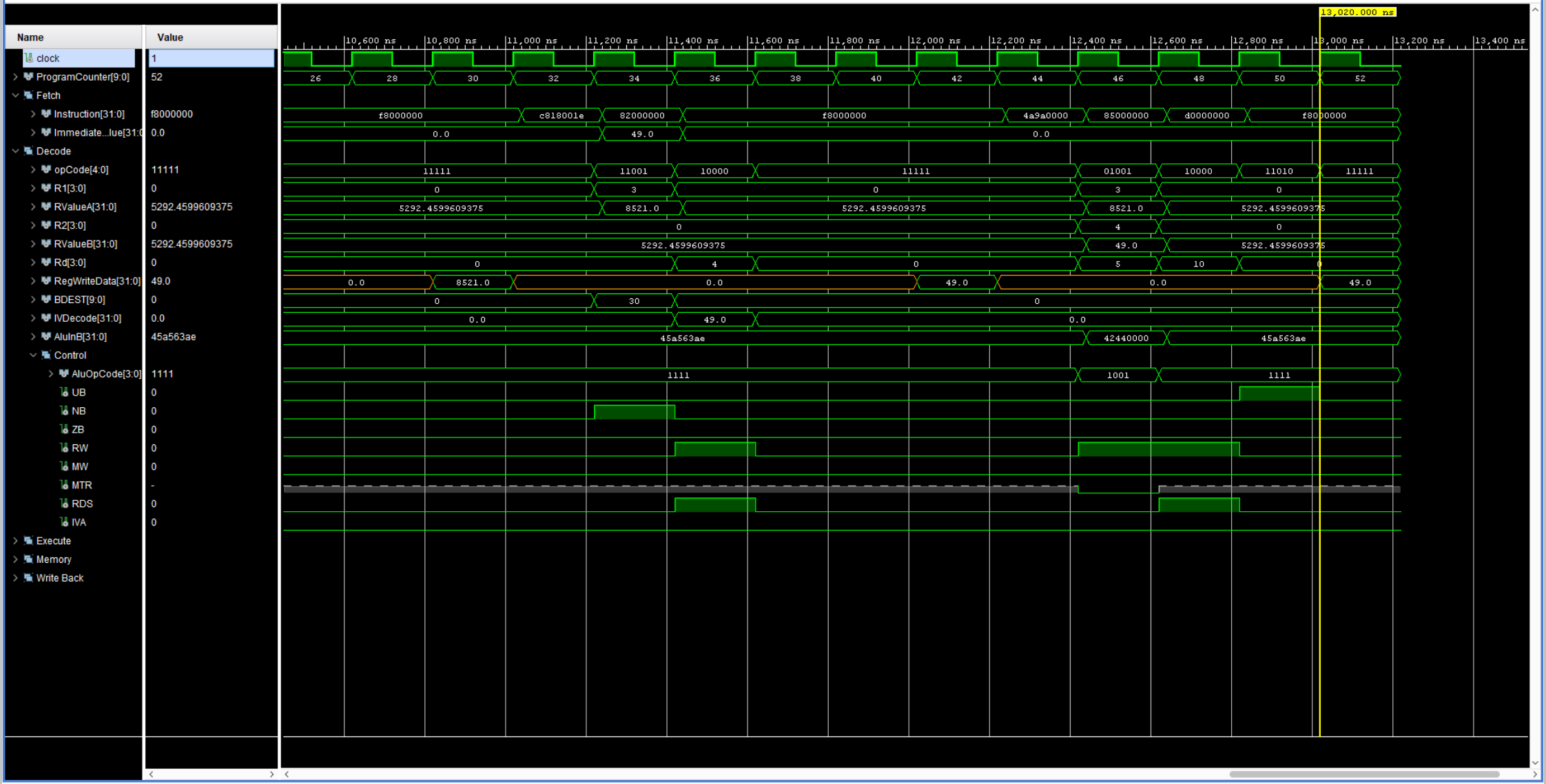

PipelinedDesign_behav.wcfg
Name
Value
clock
1
ProgramCounter[9:0]
28
Fetch
Instruction[31:0]
f8000000
Immediate...lue[31:0]
0.0
Decode
opCode[4:0]
11111
R1[3:0]
0
RValueA[31:0]
5292.4599609375
R2[3:0]
0
RValueB[31:0]
5292.4599609375
Rd[3:0]
0
RegWriteData[31:0]
0.0
BDEST[9:0]
0
IVDecode[31:0]
0.0
AluInB[31:0]
45a563ae
Control
AluOpCode[3:0]
1111
UB
0
NB
0
ZB
0
RW
0
MW
0
MTR
-
RDS
0
IVA
0
Execute
Memory
Write Back
10,620.000 ns
8,200 ns
8,400 ns
8,600 ns
8,800 ns
9,000 ns
9,200 ns
9,400 ns
9,600 ns
9,800 ns
10,000 ns
10,200 ns
10,400 ns
10,600 ns
10,800 ns
11,000 ns


PipelinedDesign_behav.wcfg
Name
Value
clock
1
ProgramCounter[9:0]
26
Fetch
Decode
Execute
AluOpX[3:0]
0110
RVAX[31:0]
8520.8603515625
AluInBX[31:0]
5292.4599609375
AluResult[31:0]
8521.0
n
z
e
UBX
NBX
ZBX
RWX
MWX
MTRX
RDSX
IVAX
BDESTX[9:0]
000
RVBX[31:0]
45a563ae
RDX[3:0]
3
IVX[31:0]
0.0
Memory
MemDataOut[31:0]
0.0
MWM
RWM
MTRM
RDSM
RVBM[31:0]
5292.4599609375
RDM[3:0]
0
ALURM[31:0]
5292.4599609375
MEMDW[31:0]
0.0
IVM[31:0]
0.0
Write Back
10,420.000 ns
8,000 ns
8,200 ns
8,400 ns
8,600 ns
8,800 ns
9,000 ns
9,200 ns
9,400 ns
9,600 ns
9,800 ns
10,000 ns
10,200 ns
10,400 ns
10,600 ns
10,800 ns

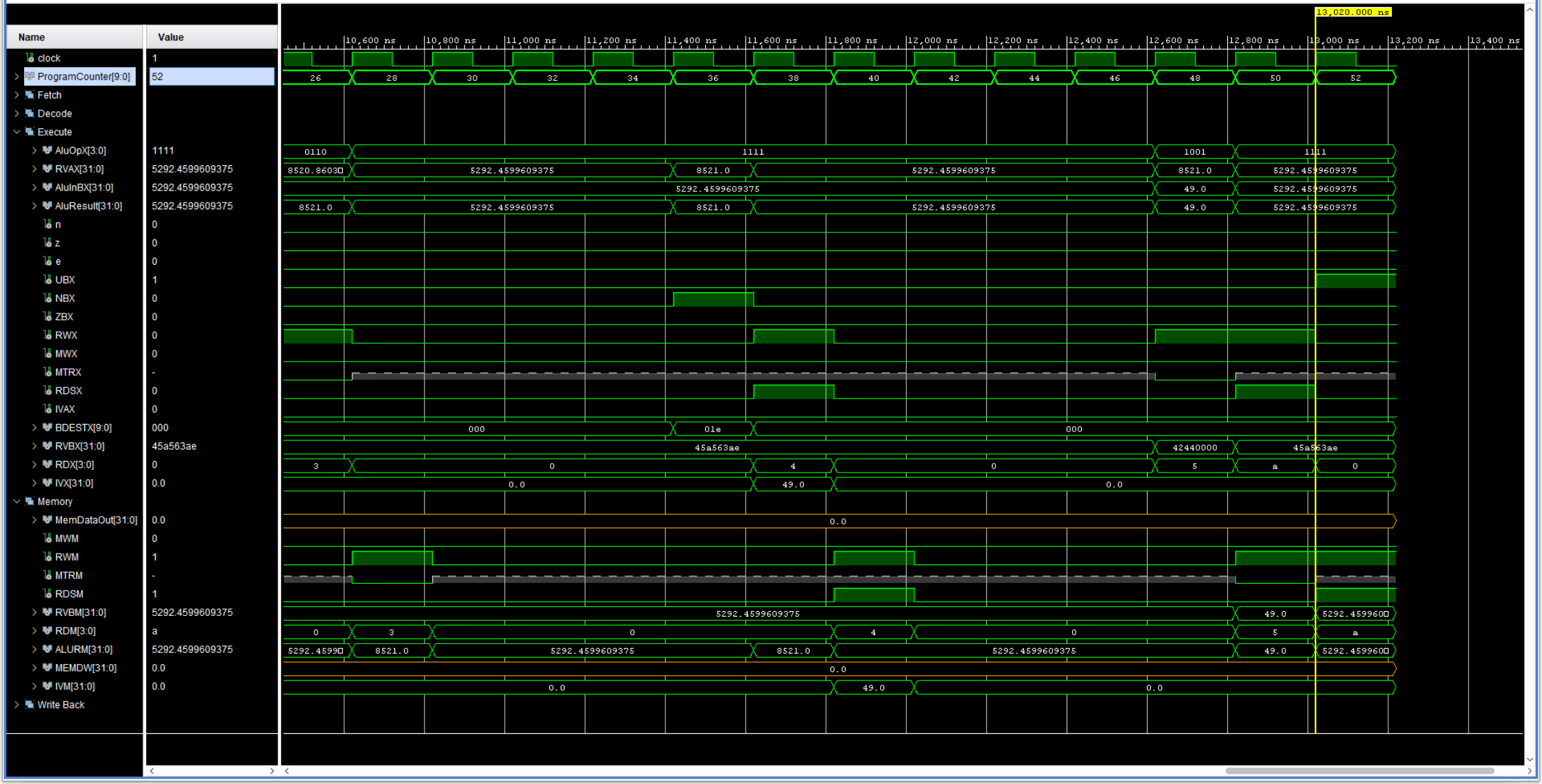
PipelinedDesign_behav.wcfg



PipelinedDesign_behav.wcfg



PipelinedDesign_behav.wcfg



PipelinedDesign_behav.wcfg