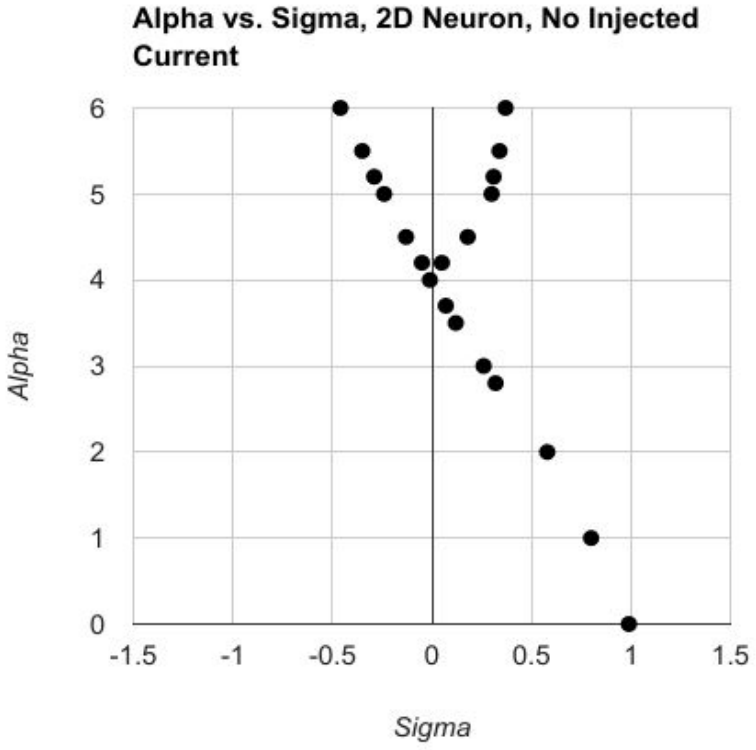
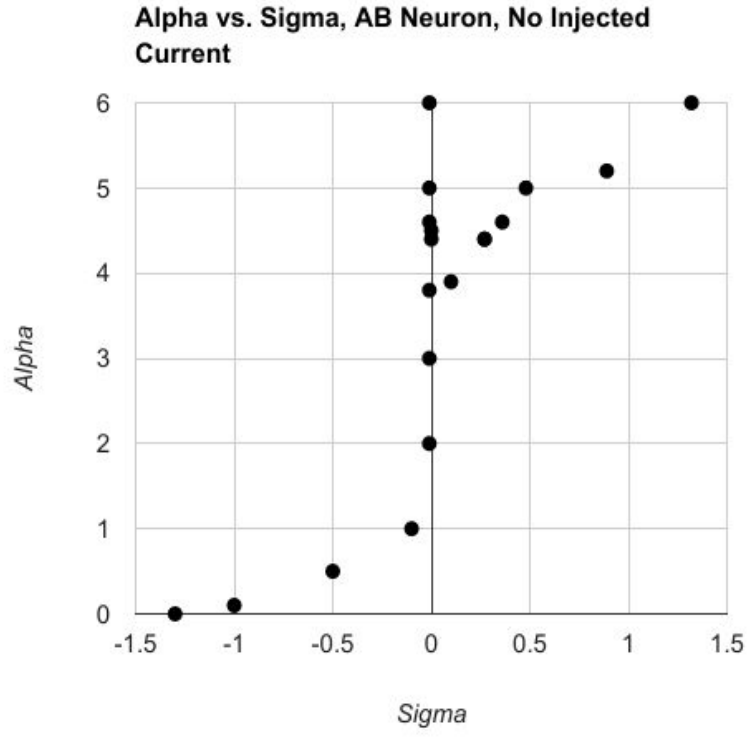
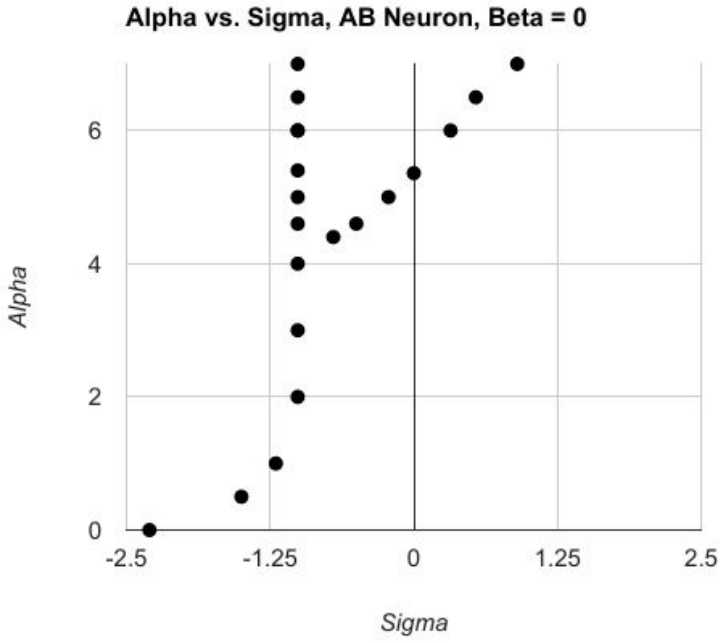
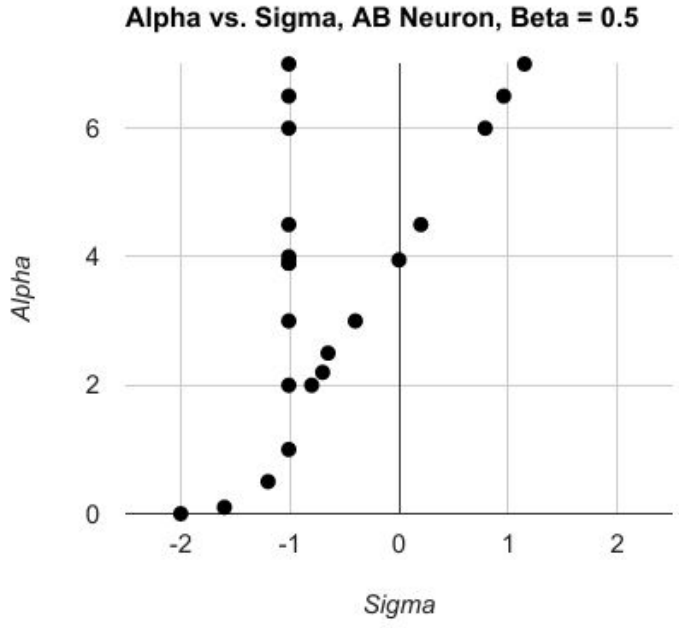
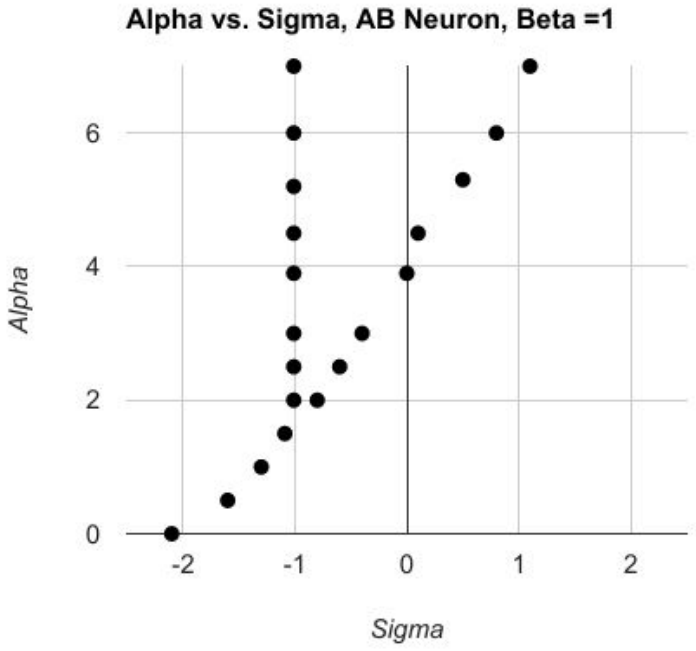
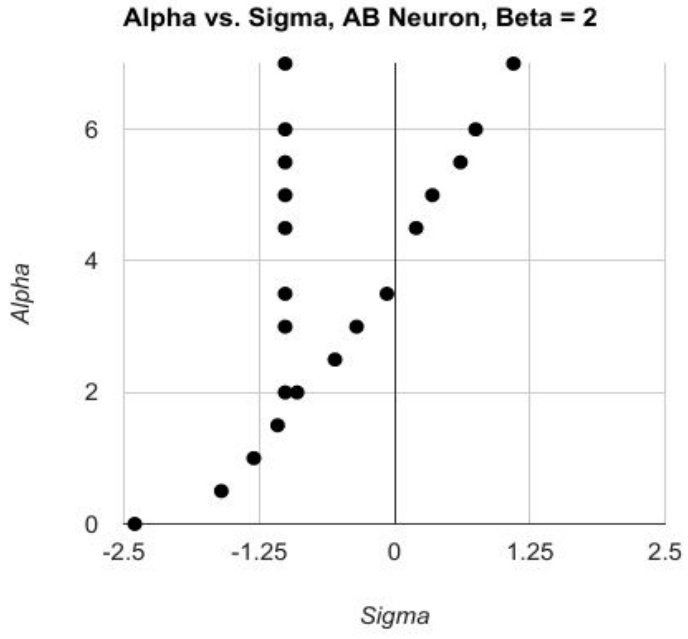

Alpha vs. Sigma, 2D Neuron, No Injected Current
Alpha
Sigma
6
5
4
3
2
1
0
-1.5
-1
-0.5
0
0.5
1
1.5


Alpha vs. Sigma, AB Neuron, No Injected Current
Alpha
Sigma
6
5
4
3
2
1
0
-1.5
-1
-0.5
0
0.5
1
1.5


Alpha vs. Sigma, AB Neuron, Beta = 0
Alpha
Sigma
0
2
4
6
-2.5
-1.25
0
1.25
2.5

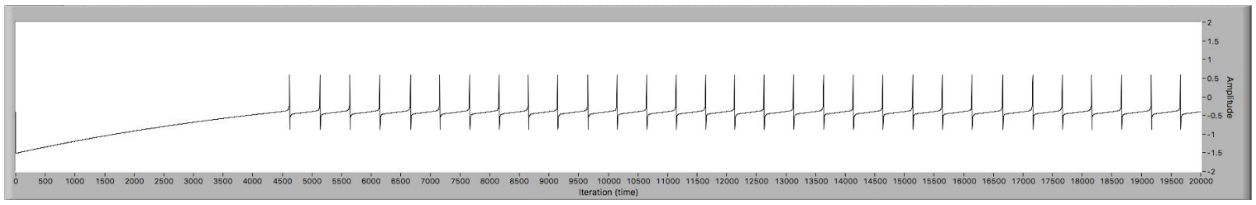

Alpha vs. Sigma, AB Neuron, Beta = 0.5
Alpha
Sigma
0
2
4
6
-2
-1
0
1
2


Alpha vs. Sigma, AB Neuron, Beta =1
Alpha
Sigma
0
2
4
6
-2
-1
0
1
2

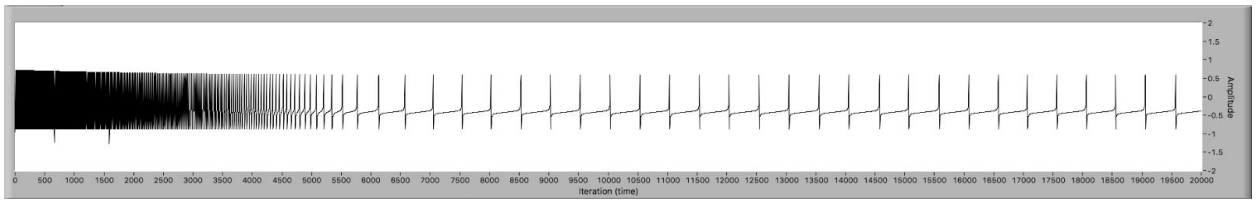

Alpha vs. Sigma, AB Neuron, Beta = 2
Alpha
Sigma
0
2
4
6
-2.5
-1.25
0
1.25
2.5

(2.5 , -1) Spiking, # of Iterations = 20,000, Injected Current = 1

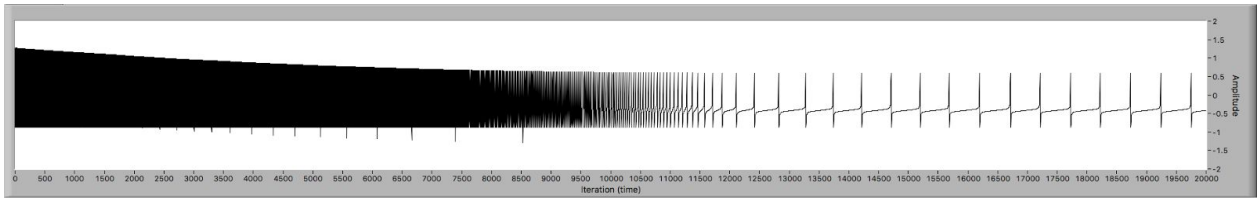
Beta = 0



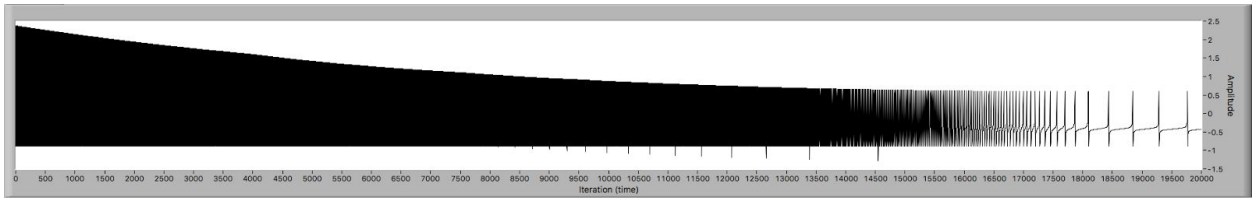
Beta = 0.5



Beta = 1

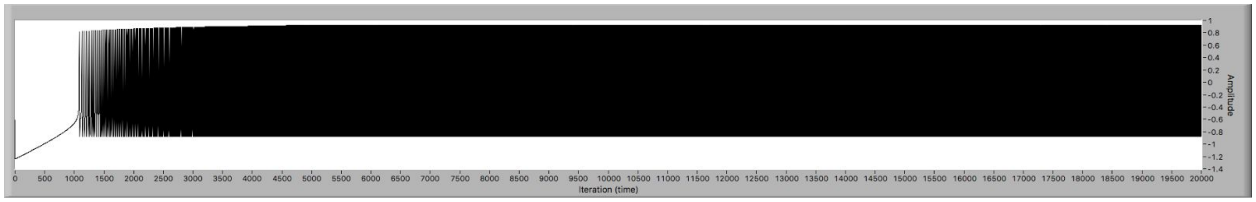


Beta = 2

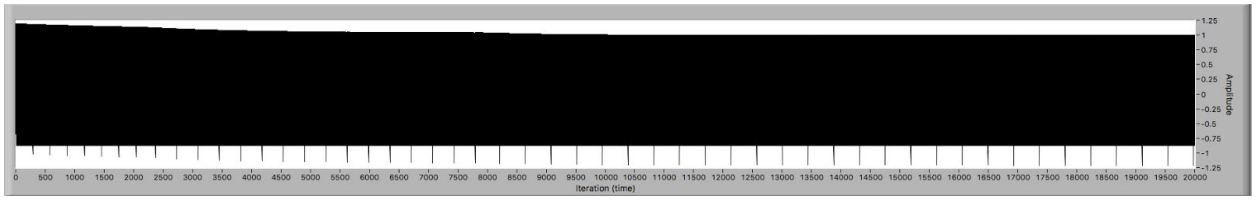


(3, -0.6) Spiking/Bursting, # of Iterations = 20,000, Injected Current = 1

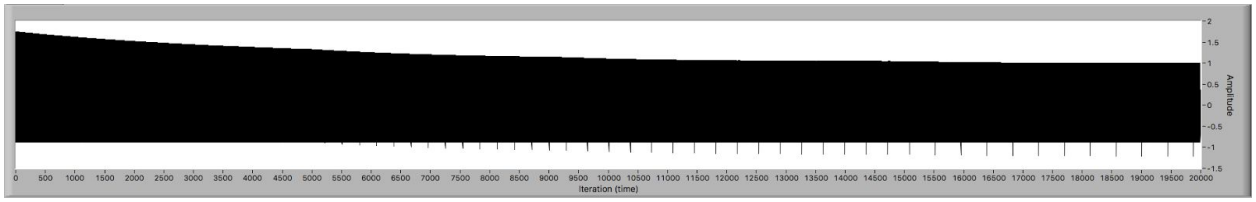
Beta = 0



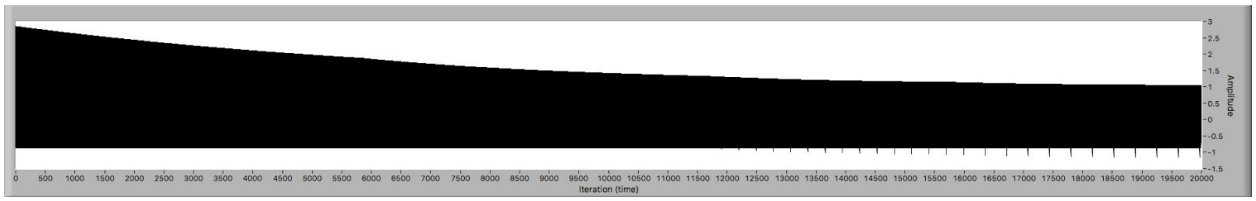
Beta = 0.5



Beta = 1

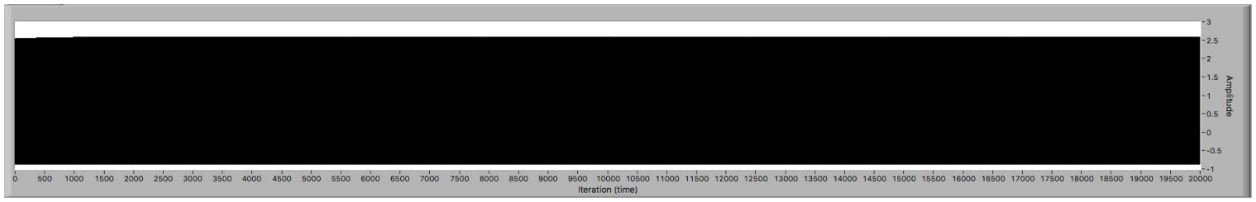


Beta = 2

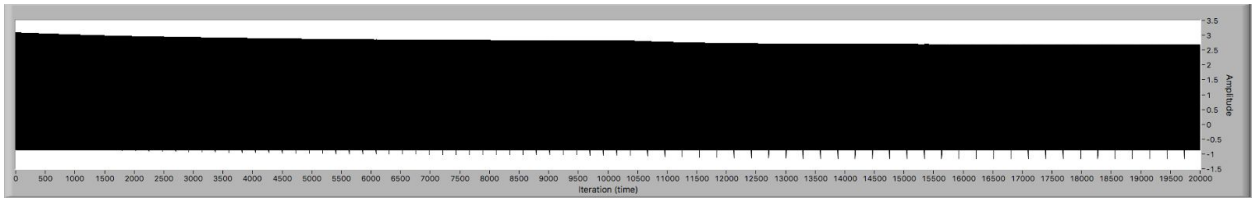


(6, 0.6): Spiking/Bursting, # of Iterations = 20,000, Injected Current = 1

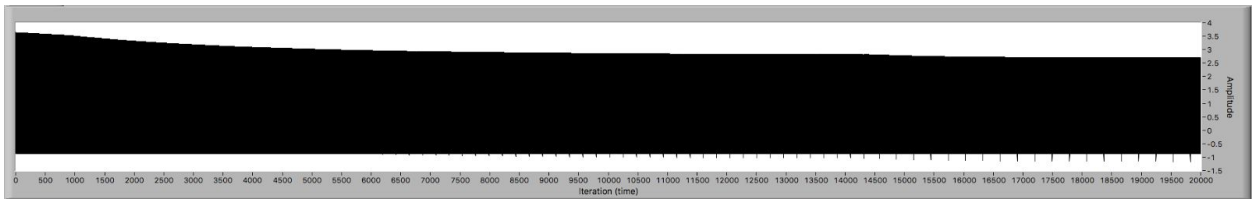
Beta = 0



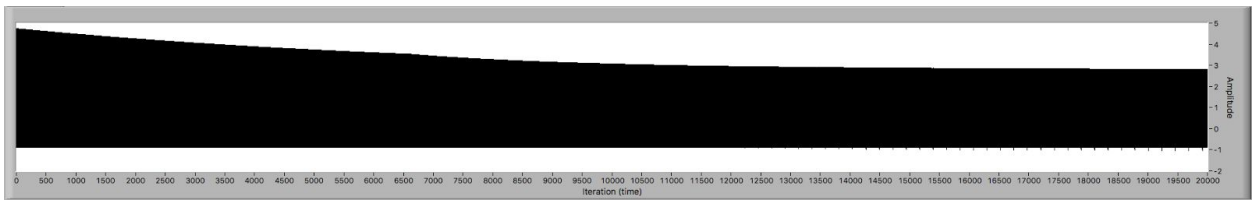
Beta = 0.5



Beta = 1

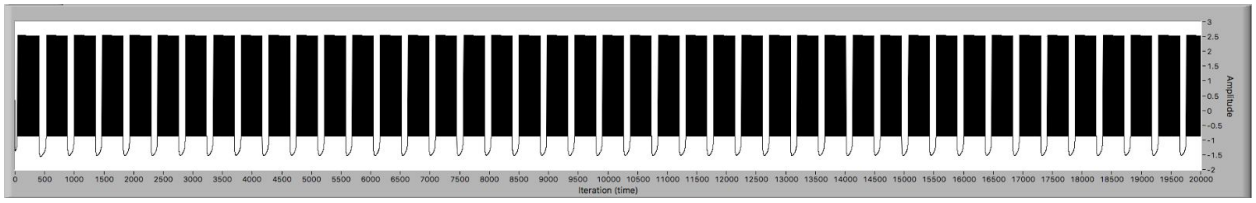


Beta = 2

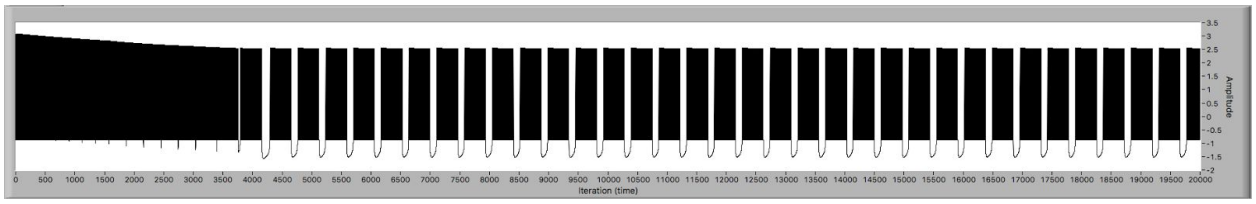


(6, 0): Bursting, # of Iterations = 20,000, Injected Current = 1

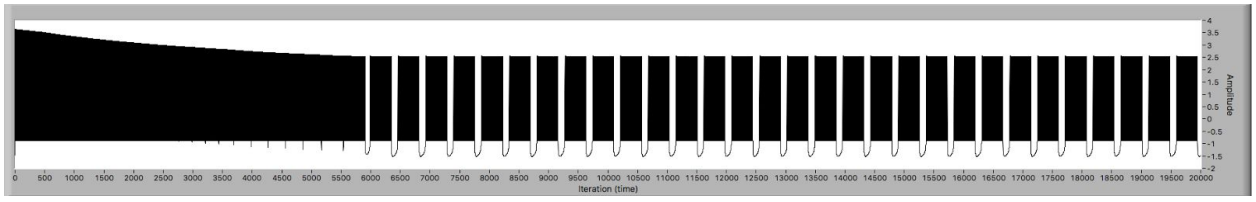
Beta = 0



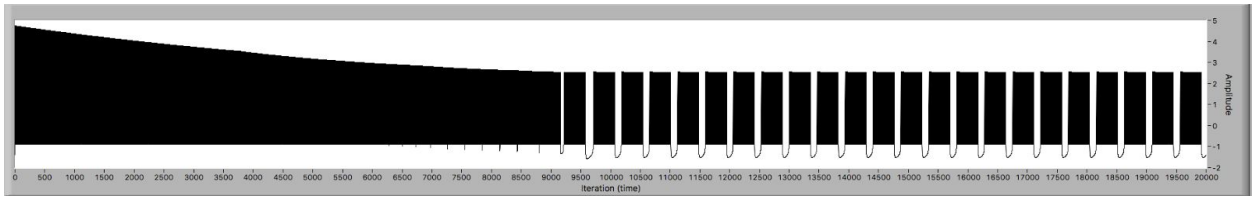
Beta = 0.5



Beta = 1

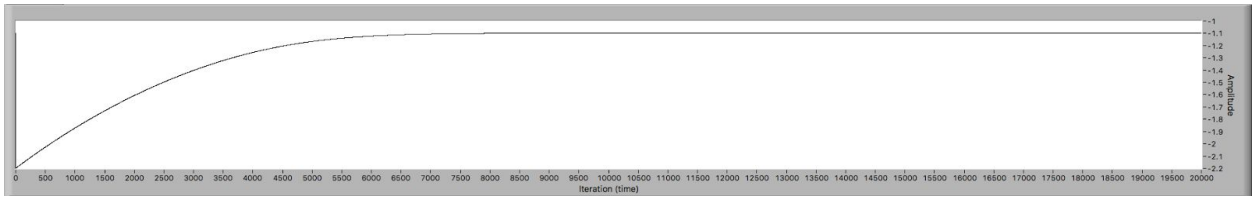


Beta = 2

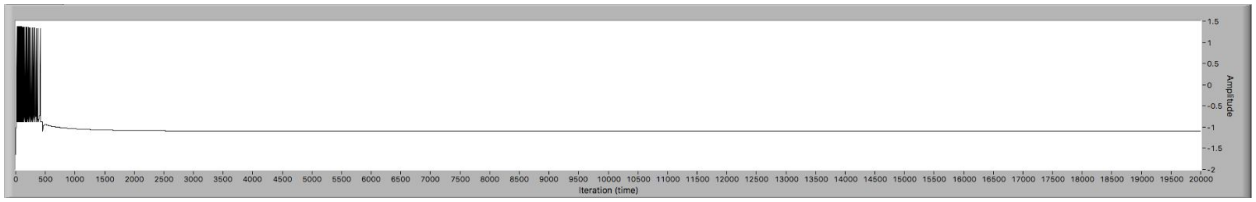


(4, -1.2): Silence, # of Iterations = 20,000, Injected Current = 1

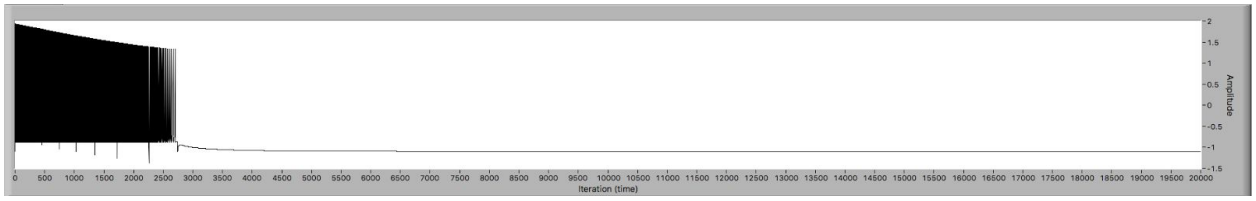
Beta = 0



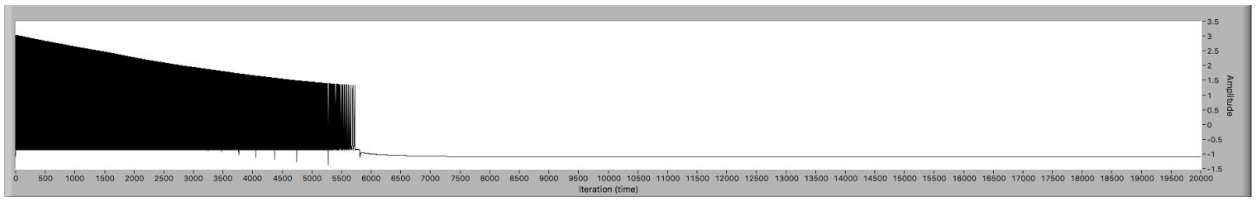
Beta = 0.5



Beta = 1

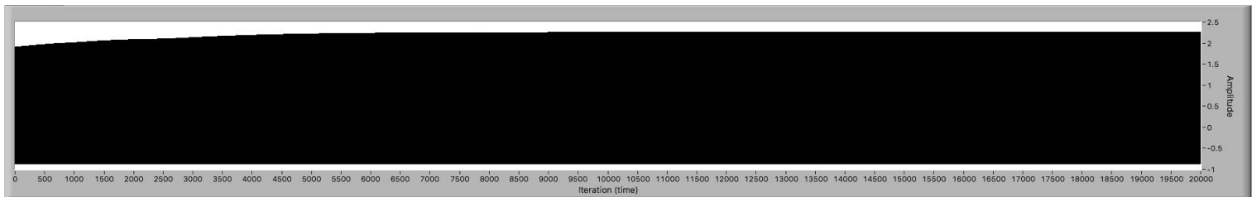


Beta = 2

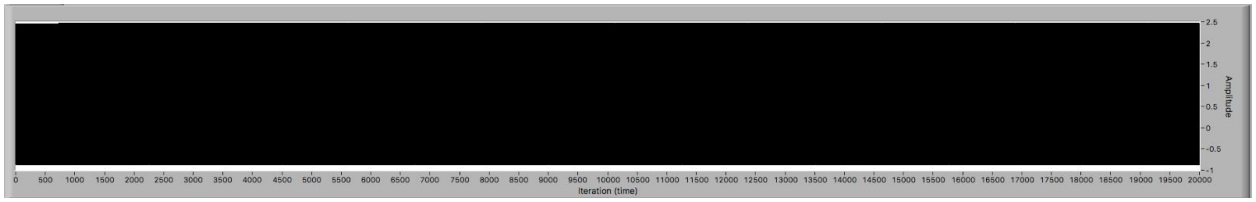


(5, 0.5): Spiking, # of Iterations = 20,000, Injected Current = 1

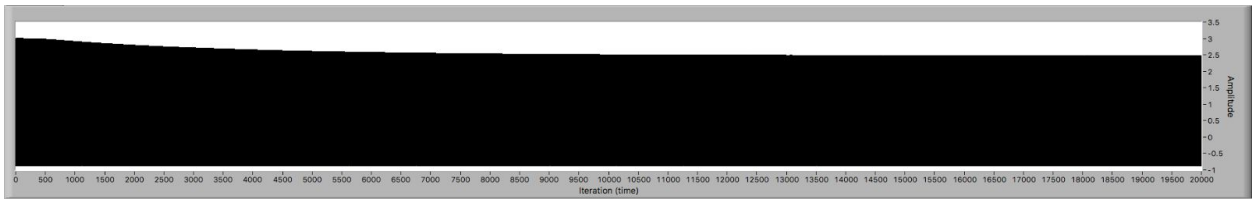
Beta = 0



Beta = 0.5



Beta = 1



Beta = 2