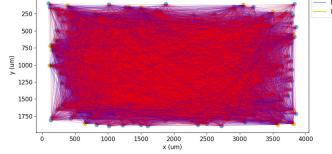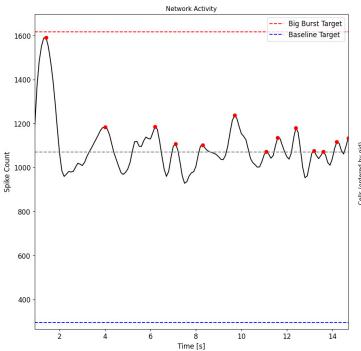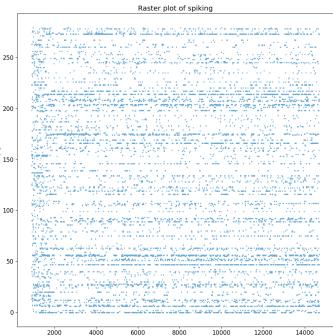| Description	Value
Data Directory	/NERSC/output/240523_Run11_payload_test_at_scale/gen_5/gen_5_cand_15_data.json
SimLabel	gen_5_cand_15
Generation Rank	1/10

Criteria	Targets
burts_peak_targets	{'cutoff' 1250, 'big_bursts' {'target' 1616.784, 'max' 1955.749, 'min' 1252.317, 'width' 350716.0, 'num_target' 31.25, 'num_min' 0}, 'lil_bursts' {'target' 402.633, 'max' 1205.884, 'min' 723.599, 'width' 1080641.25, 'num_target' 68.75, 'num_min' 0}}
burst_peak_frequency	{'target': 0.11636363636363636, 'max': 1, 'min': 0}
IBI_targets	{'target': 8.79, 'width': 11070.0, 'max': 24.6}
baseline_targets	{'target': 294.444, 'max': 724.599, 'min': 0}
rate_slope	{'target': 0.002497512709074353}
sustained_osci	{'target': 90.90303232255916}
thresh_target	{'target': 718.115, 'max': 724.599}
rate_targets	{'E': {'target': 0.8773666667, 'min': 0}, 'I': {'target': 4.7104651163, 'min': 2.6321000001}}

Metric	Value
BigBurstVal_Fitness	{'Value': 1591.8329414206519, 'Fit': 1.0000711457308749}
numBig_Fitness	{'Value': 1, 'Percent': 7.6923076923076925, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': 1133.6942628555107, 'Fit': 1.000676736884102}
numSmall_Fitness	{'Value': 12, 'Percent': 92.3076923076923, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.8843537414965986, 'Fit': 2.155429710135695}
IBI_fitness	{'Value': 1.1083333333333334, 'Fit': 1.0006941601243724}
baseline_fitness	{'Value': 1095.2837048417568, 'Fit': 1000}
slopeFitness	{'Value': -0.9848174735883409, 'Fit': 2.684018163193995}
thresh	{'Value': 1069.9606941773363, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 92.05298013245033, 'Fit': 3.1580280875591966}
E_rate_fitness	{'Value': 1.9325396825396826, 'Fit': 2.8724720940821675}
I_rate_fitness	{'Value': 0.0, 'Fit': 1000}
maxFitness	1000
average_fitness	417.8226158414759
average_scaled_fitness	0.4172398141947713

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

Network Activity

Raster plot of spiking

cell_18_excitatory
soma_voltage

cell_204_inibitory
soma_voltage

cell_288_inibitory
soma_voltage

cell_331_inibitory
soma_voltage