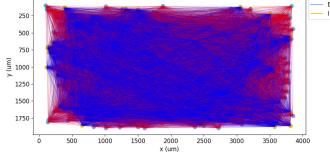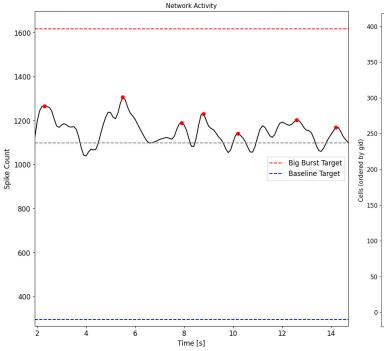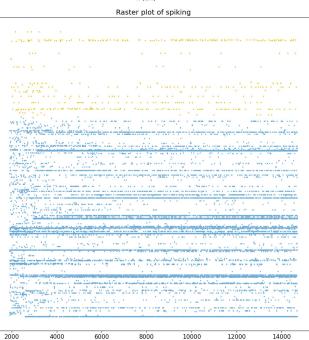| Description	Value
Data Directory	/NERSC/output/240523_Run11_payload_test_at_scale/gen_5/gen_5_cand_40_data.json
SimLabel	gen_5_cand_40
Generation Rank	0/10

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': 1285.9913512752714, 'Fit': 1.0009436390525988}
numBig_Fitness	{'Value': 2, 'Percent': 28.57142857142857, 'Fit': 14.564272323979043}
SmallBurstVal_Fitness	{'Value': 1186.5873789136508, 'Fit': 1.0007257165473977}
numSmall_Fitness	{'Value': 5, 'Percent': 71.42857142857143, 'Fit': 14.564272323979043}
burst_peak_frequency_fitness	{'Value': 0.47619047619047616, 'Fit': 1.4330812404782731}
IBI_fitness	{'Value': 1.9833333333333334, 'Fit': 1.0006150664856426}
baseline_fitness	{'Value': 1151.7577742281642, 'Fit': 1000}
slopeFitness	{'Value': -0.44895864750298, 'Fit': 1.5705975628287079}
thresh	{'Value': 1098.2675929904979, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 85.43046357615894, 'Fit': 238.07095188332525}
E_rate_fitness	{'Value': 1.6349206349206349, 'Fit': 2.1330523204257963}
I_rate_fitness	{'Value': 0.018518518518518517, 'Fit': 1000}
maxFitness	1000
average_fitness	272.9448760064251
average_scaled_fitness	0.272216645016291

Parameter	Value
binSize	0.1
gaussianSigma	0.15
thresholdBurst	1.0

Network Activity

Raster plot of spiking

cell_18_excitatory

cell_204_inibitory

cell_288_inibitory

cell_331_inibitory