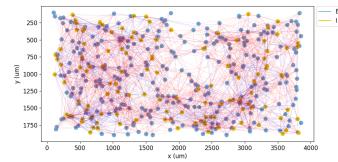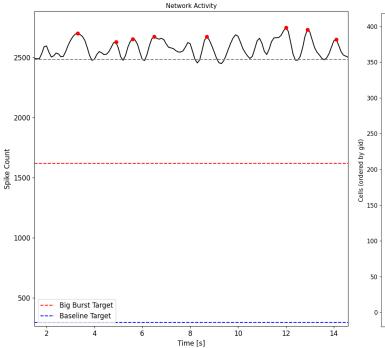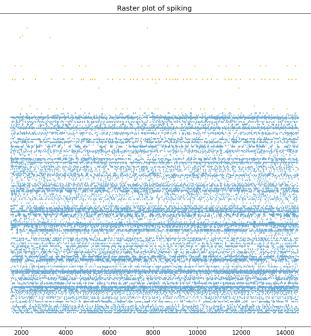| Description	Value
Data Directory	/NERSC/output/240523_Run11_payload_test_at_scale/gen_0/gen_0_cand_16_data.json
SimLabel	gen_0_cand_16
Generation Rank	4/10

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': 2680.6466729942013, 'Fit': 1000.0}
numBig_Fitness	{'Value': 8, 'Percent': 100.0, 'Fit': 1000}
SmallBurstVal_Fitness	{'Value': None, 'Fit': 1000}
numSmall_Fitness	{'Value': 0, 'Percent': 0.0, 'Fit': 1000}
burst_peak_frequency_fitness	{'Value': 0.547945205479452, 'Fit': 1.5396907262024728}
IBI_fitness	{'Value': 1.542857142857143, 'Fit': 1.000654882477592}
baseline_fitness	{'Value': 2576.5660358068167, 'Fit': 1000}
slopeFitness	{'Value': 0.20415101783770812, 'Fit': 1.223424024511529}
thresh	{'Value': 2481.542331872743, 'Fit': 1000}
sustain_oscillation_fitness	{'Value': 87.41721854304636, 'Fit': 32.64898537752051}
E_rate_fitness	{'Value': 3.515873015873016, 'Fit': 13.992288398474502}
I_rate_fitness	{'Value': 0.1759259259259259, 'Fit': 1000}
maxFitness	1000
average_fitness	587.5337536174322
average_scaled_fitness	0.5871206038337841

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