Data Directory: /NERSC/output/240521_Run2_overnight_reg/gen_9/gen_9_cand_42_data.json SimLabel: gen 9 cand 42 Generation Rank: 1/44 rate_targets: {'E': {'target': 7.5, 'width': 2.5, 'min': 1}, 'I': {'target': 30, 'width': 10, 'min': 2}} burts_peak_targets: {'target': 15, 'width': 2, 'min': 8} IBI_targets: {'target': 3000, 'width': 2000, 'max': 4000} baseline_targets: {'target': 1.5, 'width': 1, 'max': 3} rate slope: {'target': 0, 'width': 0.5, 'max': 0.5} weightII thresh_target: {'target': 5, 'width': 1, 'min': 3, 'max': 7} weightIE weightEl sustained_osci: {'target': 100, 'width': 5, 'min': 75} weightEE tau2_inh burstAmp_Fitness: {'Value': 0.2090643816022668, 'Fit': 1000.0} tau2_exc burst_peak_frequency_fitness: {'Value': 0.13400335008375208, 'Fit': 1000} IBI_fitness: {'Value': 5190.0, 'Fit': 1000.0} tau1_inh baseline_fitness: {'Value': 16.016567541107253, 'Fit': 1000} taul_exc slopeFitness: {'Value': 4.197185852415514e-05, 'Fit': 1.0000839472404208} probLengthConst thresh: {'Value': 15.808106101795142, 'Fit': 1000} probII sustain_oscillation_fitness: {'Value': 85.20739630184909, 'Fit': 19.26944613427916} problE E_rate_fitness: {'Value': 49.25, 'Fit': 1000} I rate fitness: {'Value': 0.0, 'Fit': 1000} probEl probEE average fitness: 780.0299477868355 gnabar I average_scaled_fitness: 779.8097390415122 gnabar_E biaSize: 7.5 qkbar_l gkbar E gaussianSigma: 30.0 propVelocity thresholdBurst: 1.0 duration_seconds 1750 0.0 0.2 0.8 1.0 500 1000 2000 2500 3000 3500 Normalized Param Value x (um) Network Activity Raster plot of spiking 250 200 12 100 50 --- Peak Amplitude Target --- Baseline Target 10000 12000 4000 6000 8000 10000 12000 14000 2000 4000 8000 14000 Time (ms) Time [ms]