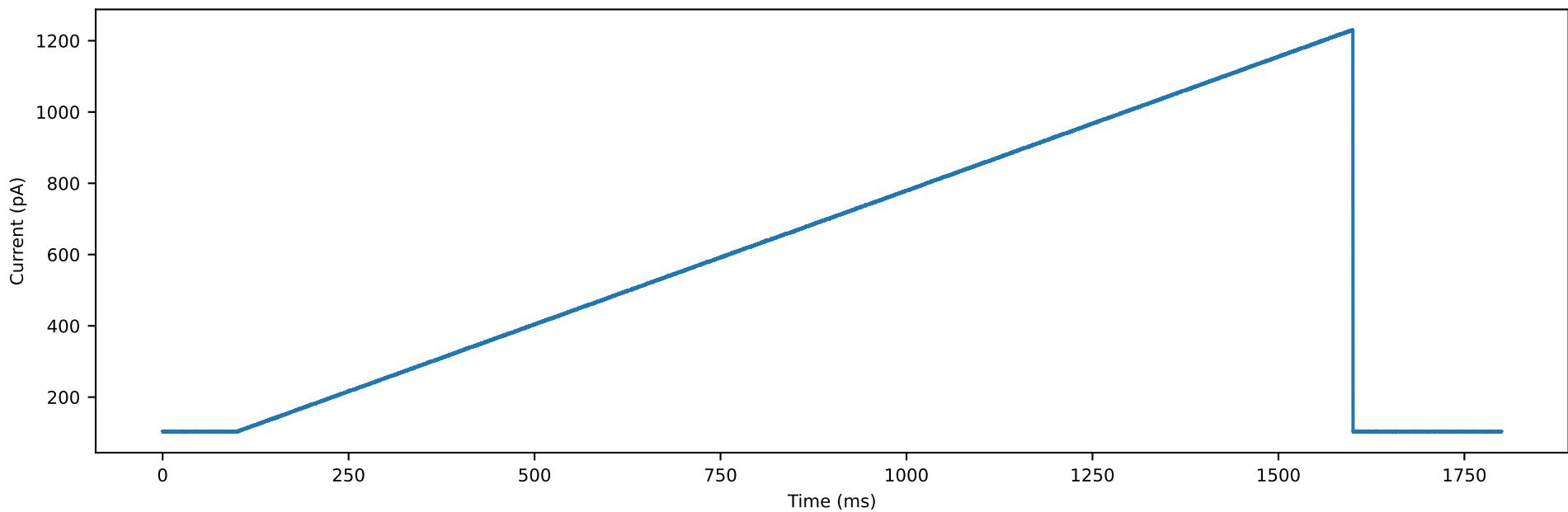
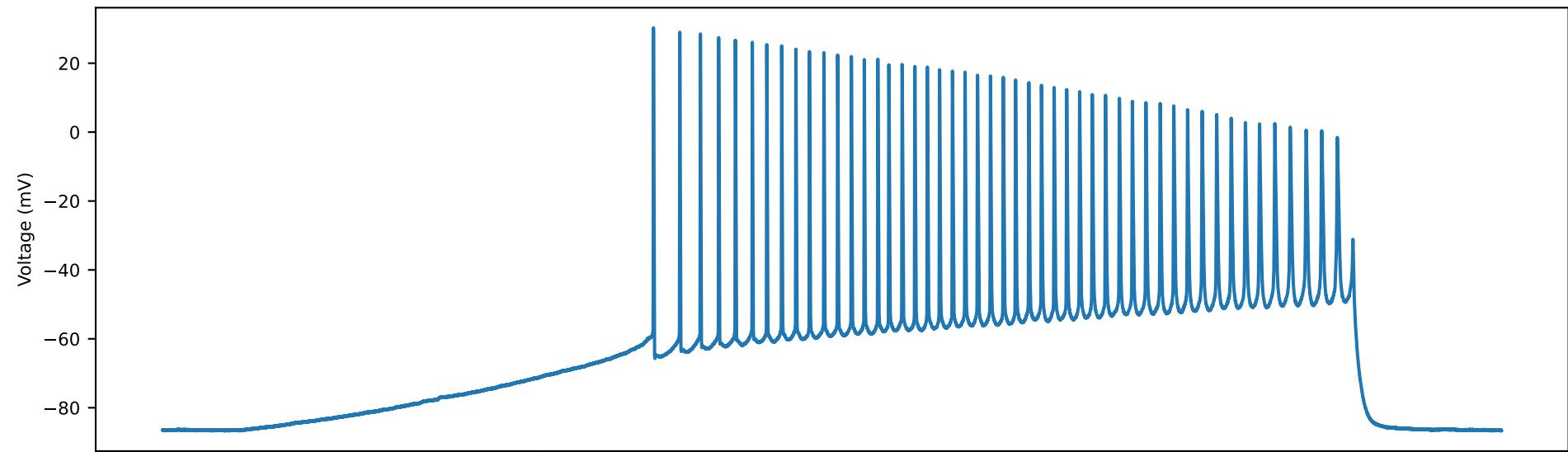


APThreshold (rep 1)

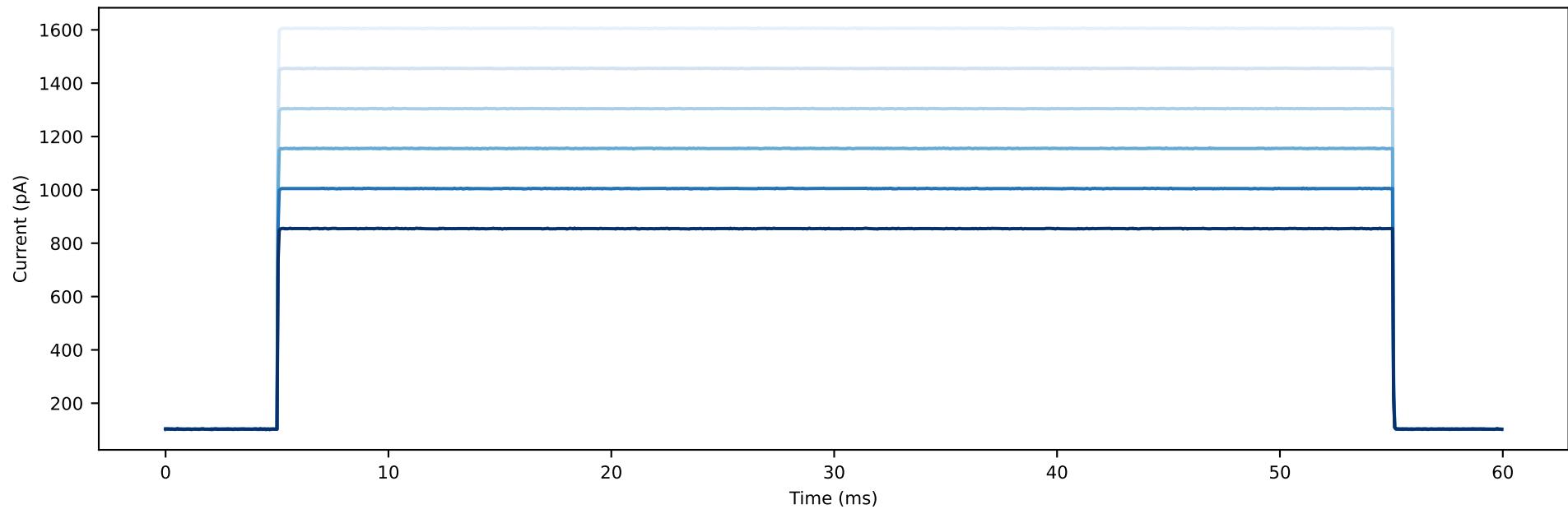
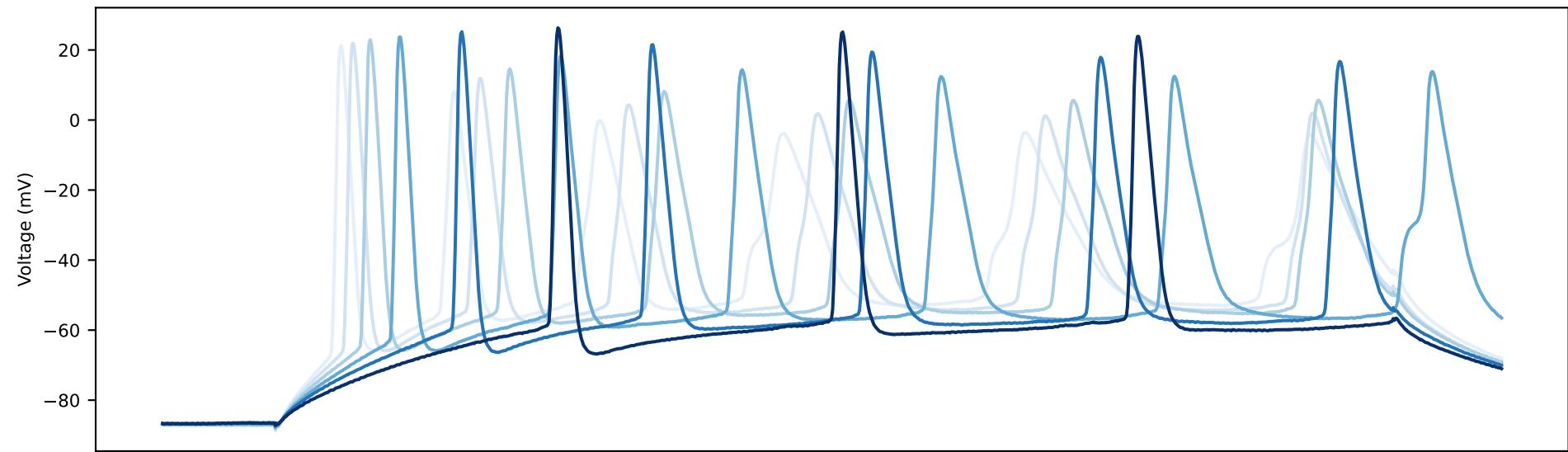


APThreshold

0:time_to_first_spike 1:AP1_begin_voltage 2:AP1_amp 3:APlast_amp
4:mean_AP_amplitude 5:inv_first_ISI 6:inv_last_ISI 7:ISI_log_slope
8:ISI_semilog_slope

	0	1	2	3	4	5	6	7	8
APThreshold_503: 666.84	559.8	-56.66	86.11	36.06	64.89	28.25	47.62	-0.06	-0.0

APWaveform (rep 1)

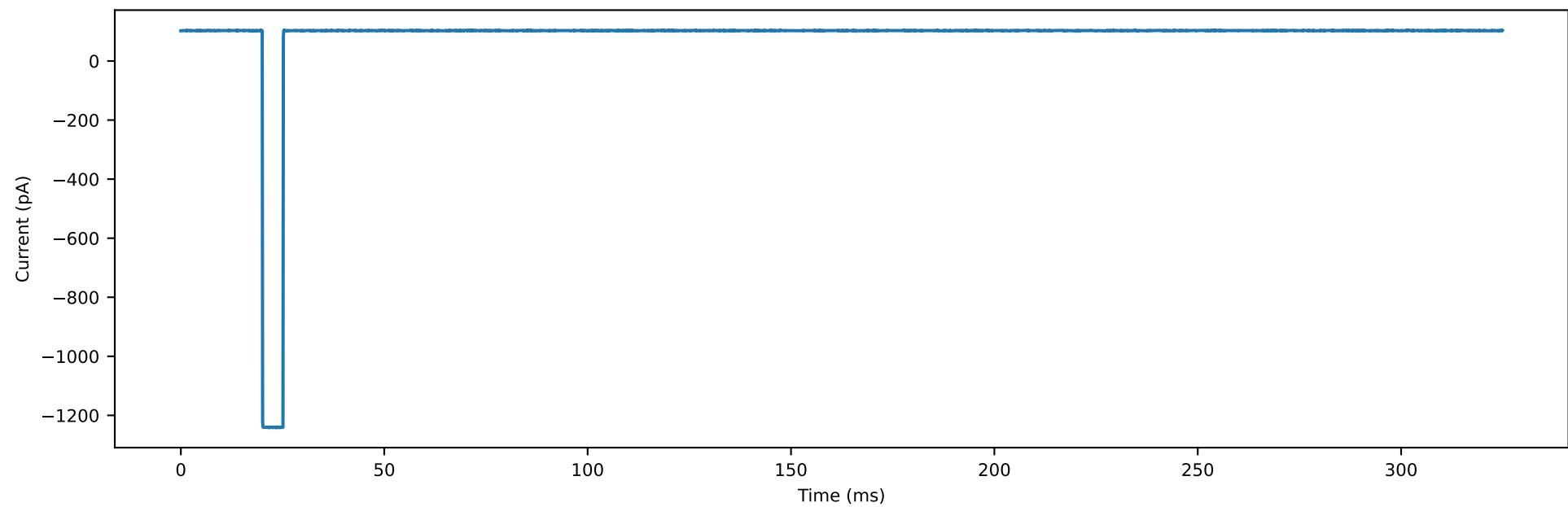
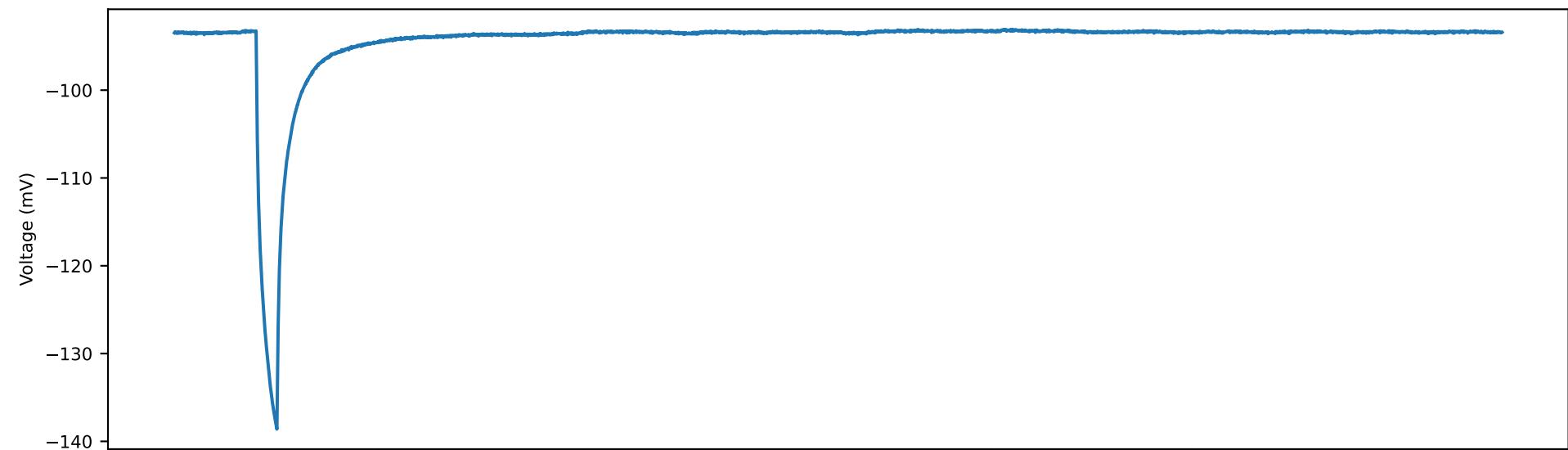


APWaveform

0:AP_amplitude 1:AP_fall_rate 2:AP_begin_voltage 3:AP_rise_rate
4:peak_voltage 5:spike_half_width 6:AHP_depth 7:AHP_depth_abs
8:AHP_time_from_peak

	0	1	2	3	4	5	6	7	8
APWaveform_521: 854.64	82.08	-60.88	-57.09	169.23	24.99	0.86	23.9	-62.65	2.13
APWaveform_522: 1004.82	76.32	-47.84	-56.2	131.08	20.11	1.07	24.06	-62.38	3.48
APWaveform_523: 1155.11	71.94	-40.62	-55.16	110.81	15.67	1.14	27.86	-59.01	3.3
APWaveform_524: 1304.41	65.36	-31.38	-55.14	87.94	10.22	1.51	27.25	-59.74	4.25
APWaveform_525: 1455.16	65.02	-25.67	-57.86	54.99	7.16	1.54	31.24	-55.89	3.63
APWaveform_526: 1605.30	59.91	-25.4	-57.06	40.56	2.85	1.7	30.56	-56.59	3.98

Delta (rep 1)

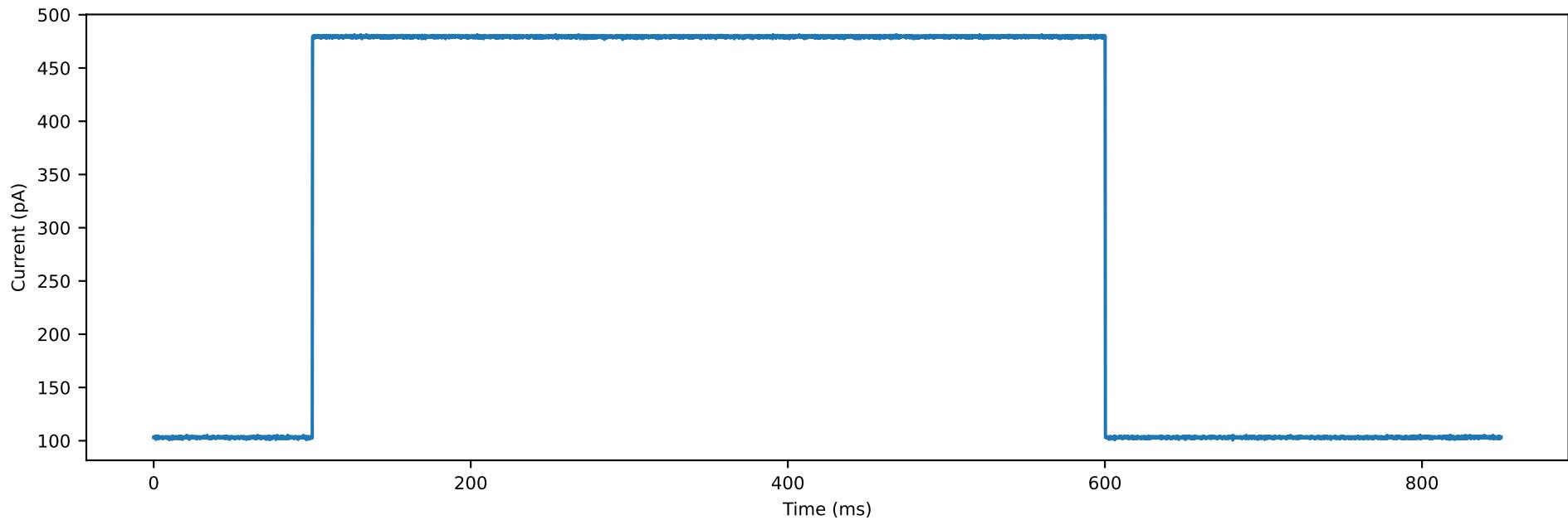
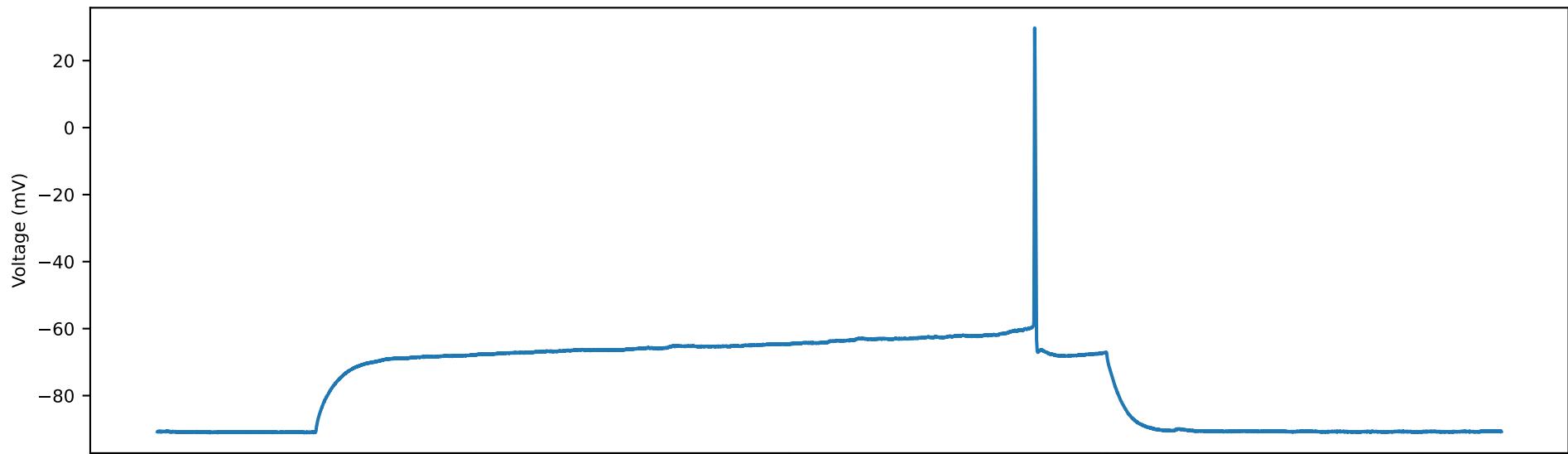


Delta

0:voltage_base 1:steady_state_voltage 2:steady_state_voltage_stimend 3:decay_time_constant_after_stim

	0	1	2	3
Delta_719: -1240.20	-93.29	-93.94	-137.6	5.31

HighResThResp (rep 1)

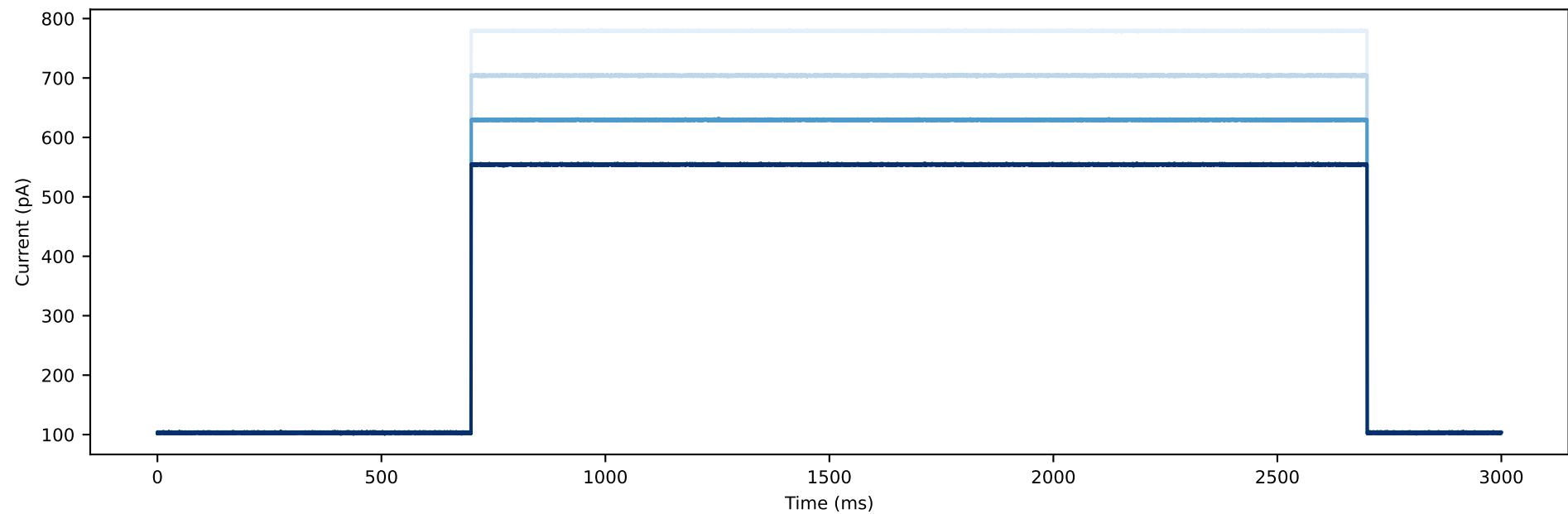
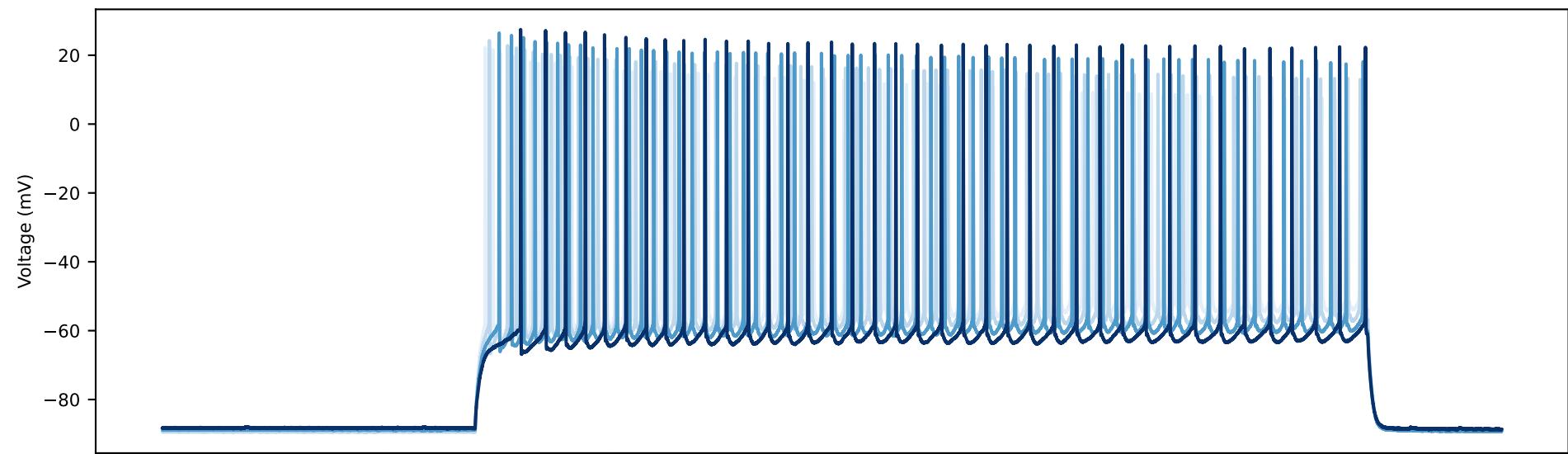


HighResThResp

0:AP_amplitude 1:AP_fall_rate 2:AP_begin_voltage 3:AP_rise_rate
4:peak_voltage 5:spike_half_width 6:AHP_depth 7:AHP_depth_abs
8:AHP_time_from_peak

	0	1	2	3	4	5	6	7	8
HighResThResp_565: 479.60	87.42	-72.61	-57.67	174.84	29.75	0.85	23.86	-67.09	1.9

IDrest (rep 1)

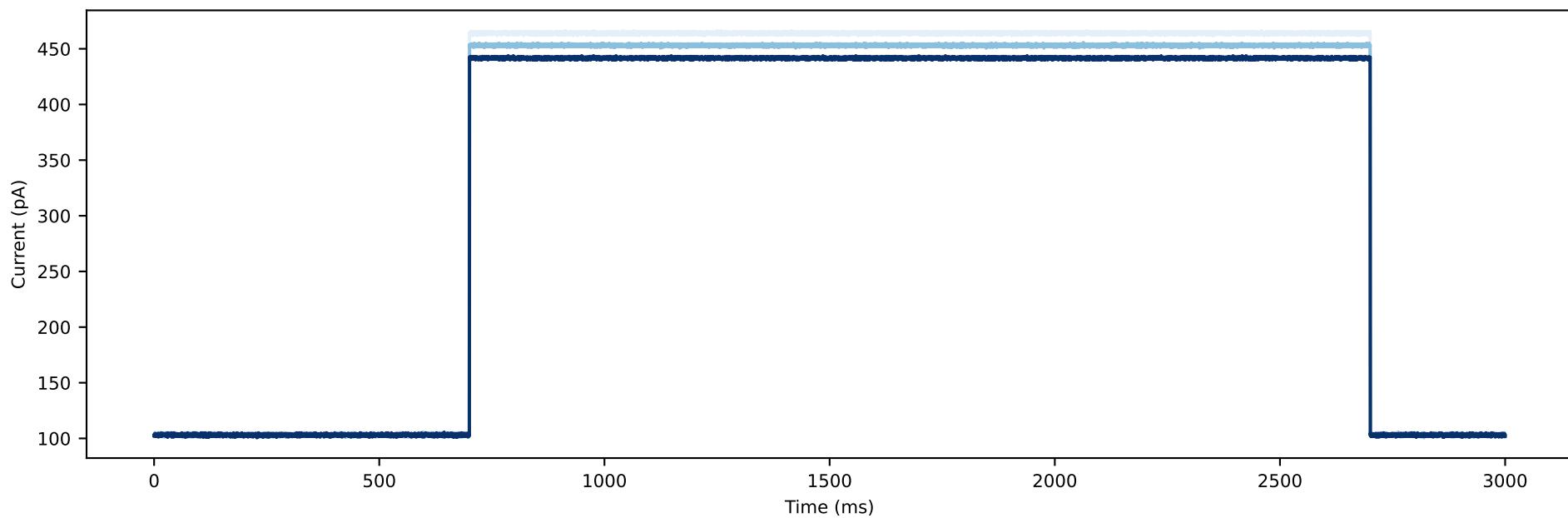
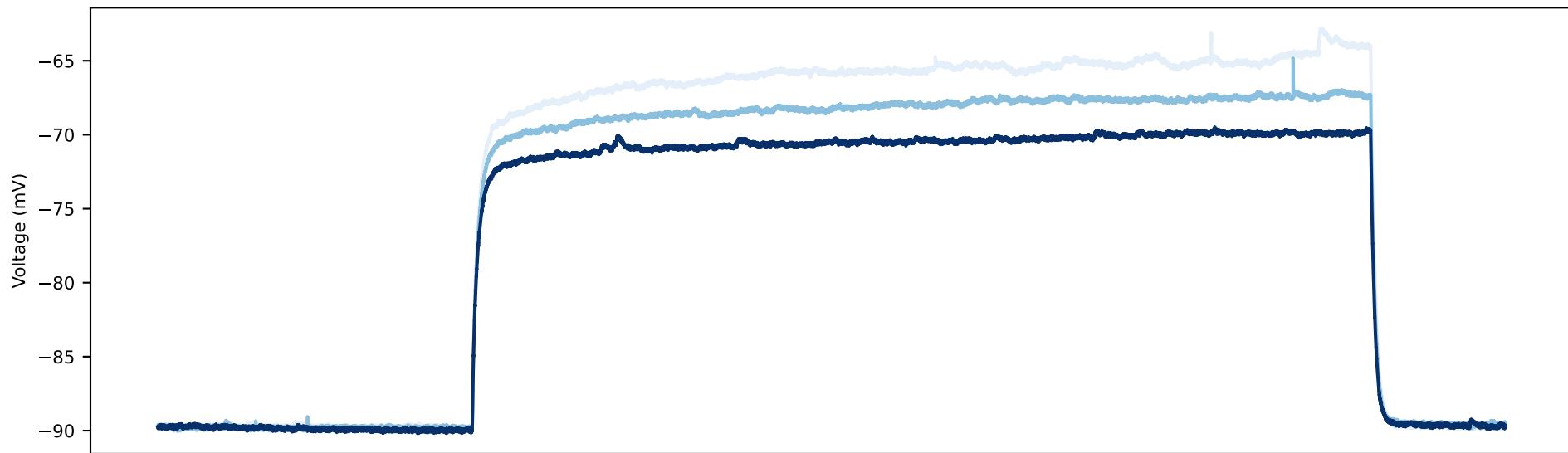


IDrest

0:AHP_depth 1:AHP_depth_abs 2:AHP_depth_abs_slow 3:AHP_slow_time
 4:AHP_time_from_peak 5:AP_amplitude 6:AP_begin_voltage 7:AP_fall_rate
 8:AP_rise_rate 9:ISI_CV 10:Spikecount 11:adaptation_index2
 12:inv_first_ISI 13:mean_frequency 14:min_voltage_between_spikes 15:peak_voltage
 16:spike_half_width 17:steady_state_voltage 18:time_to_first_spike 19:voltage_base

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
IDrest_533: 554.38	26.44	-61.88	-63.8	0.29	2.05	80.54	-56.88	-61.53	138.48	0.09	39.0	0.0	17.86	19.55	-63.88	23.66	0.87	-87.7	102.1	-88.32
IDrest_534: 629.56	29.04	-59.74	-61.37	0.4	2.09	75.92	-55.67	-55.59	120.81	0.11	64.0	0.0	36.1	32.16	-61.44	20.25	0.92	-88.2	54.0	-88.77
IDrest_535: 703.96	31.95	-57.31	-59.1	0.43	2.39	70.42	-53.96	-48.2	99.03	0.12	80.0	0.0	46.73	40.34	-59.2	16.47	0.99	-88.1	32.1	-89.26
IDrest_536: 779.65	34.45	-54.98	-56.93	0.45	3.16	63.98	-51.51	-40.55	79.69	0.15	86.0	0.0	58.48	43.36	-57.05	12.47	1.09	-87.92	22.8	-89.44

IDthresh-sub (rep 1)

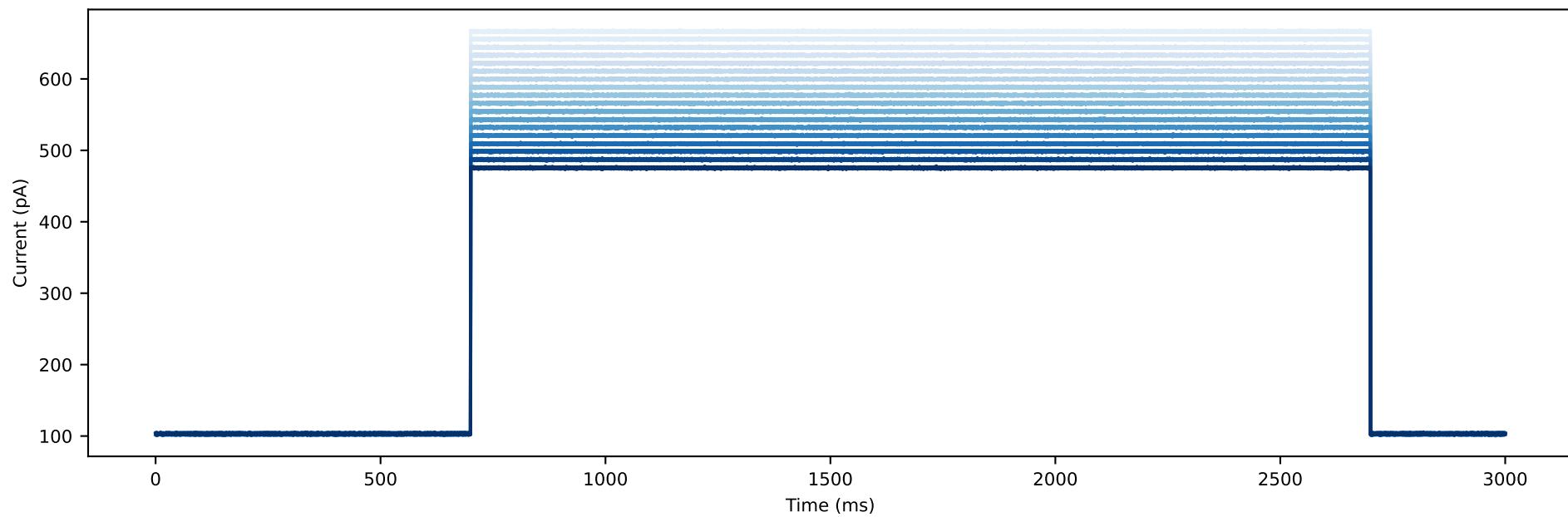
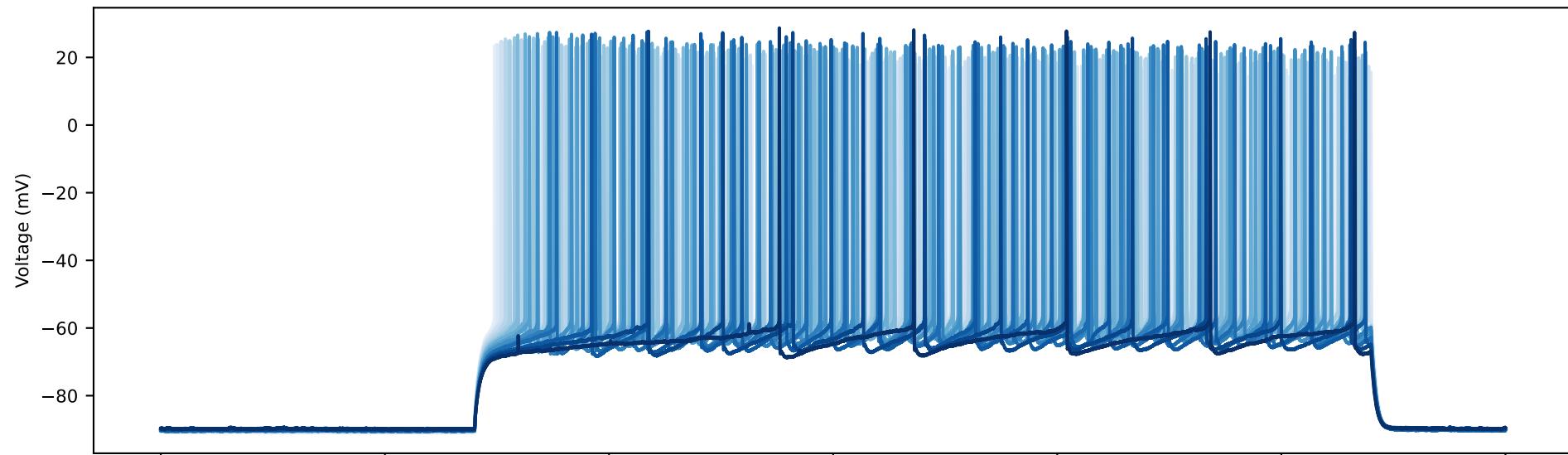


IDthresh-sub

0:voltage_base 1:steady_state_voltage 2:steady_state_voltage_stimend 3:decay_time_constant_after_stim
4:voltage_deflection 5:voltage_deflection_begin 6:voltage_deflection_vb_ssse 7:Spikecount

	0	1	2	3	4	5	6	7
IDthresh_543: 441.54	-89.97	-89.02	-69.89	9.77	20.12	18.47	20.08	0.0
IDthresh_544: 453.00	-89.79	-88.85	-67.32	10.02	22.44	20.36	22.48	0.0
IDthresh_545: 463.89	-89.79	-88.83	-64.08	10.88	25.66	22.04	25.71	0.0

IDthresh (rep 1)

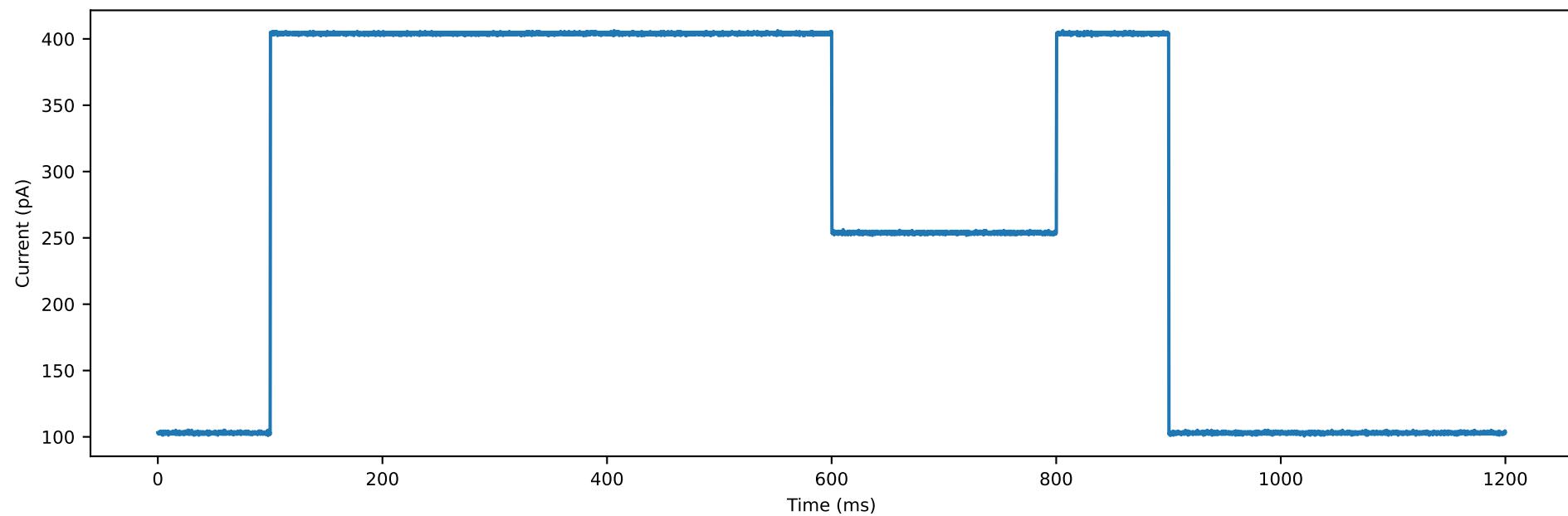
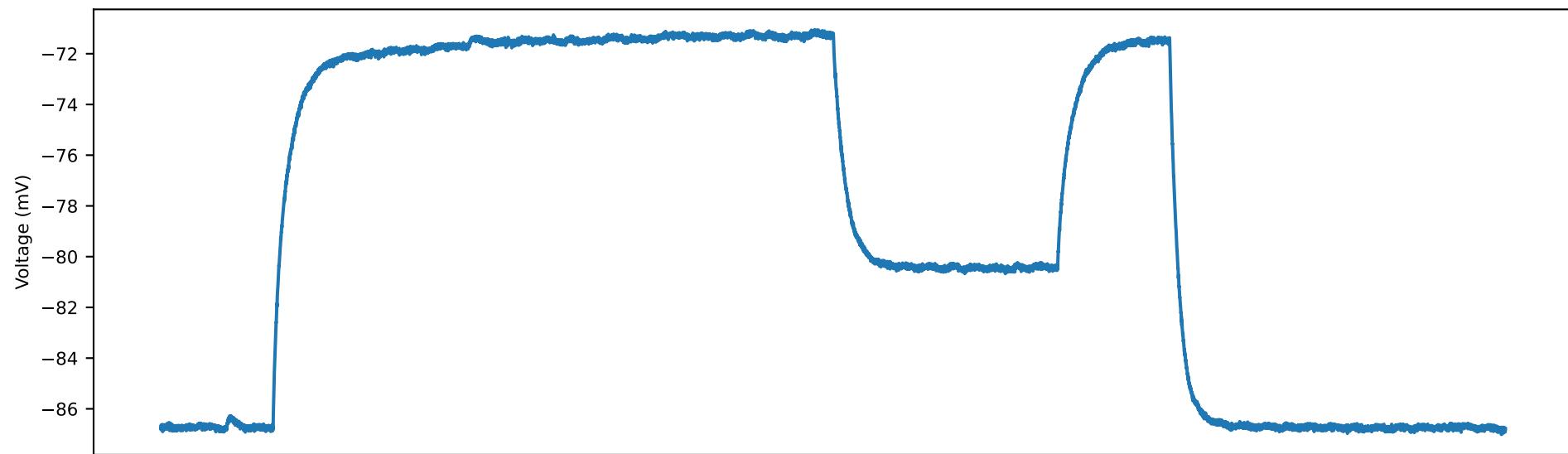


IDthresh

0:AHP_depth 1:AHP_depth_abs 2:AHP_depth_abs_slow 3:AHP_slow_time
 4:AHP_time_from_peak 5:AP_amplitude 6:AP_begin_voltage 7:AP_fall_rate
 8:AP_rise_rate 9:ISI_CV 10:Spikecount 11:adaptation_index2
 12:inv_first_ISI 13:mean_frequency 14:min_voltage_between_spikes 15:peak_voltage
 16:spike_half_width 17:steady_state_voltage 18:time_to_first_spike 19:voltage_base

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
IDthresh_546: 475.42	23.41	-66.45	-67.91	0.06	2.0	85.15	-57.23	-68.82	147.54	0.03	5.0	-0.01	3.33	2.55	-68.12	27.92	0.87	-88.99	680.0	-89.85
IDthresh_547: 487.07	24.76	-65.21	-66.89	0.12	2.04	83.06	-56.67	-65.68	153.51	0.07	11.0	0.0	6.03	5.62	-67.03	26.39	0.87	-88.96	387.9	-89.98
IDthresh_548: 498.54	25.44	-64.75	-66.39	0.15	2.05	82.29	-56.92	-63.21	151.8	0.11	17.0	-0.0	8.07	8.56	-66.52	25.37	0.87	-89.24	261.0	-90.19
IDthresh_549: 509.40	25.97	-64.25	-65.74	0.19	2.04	81.74	-57.19	-62.95	144.65	0.09	23.0	0.0	11.63	11.78	-65.83	24.55	0.88	-89.25	182.9	-90.22
IDthresh_550: 520.60	26.93	-63.47	-65.03	0.21	1.99	80.9	-56.84	-61.83	139.9	0.07	27.0	-0.0	13.5	13.95	-65.13	24.06	0.89	-88.94	167.3	-90.4
IDthresh_551: 532.07	27.18	-62.97	-64.48	0.24	1.98	80.37	-56.71	-61.32	137.74	0.08	31.0	-0.0	13.16	15.85	-64.57	23.67	0.9	-89.0	140.3	-90.16
IDthresh_552: 542.95	27.66	-62.47	-63.99	0.26	1.99	79.62	-56.39	-60.3	132.91	0.08	35.0	-0.0	19.12	17.82	-64.08	23.23	0.9	-88.99	122.2	-90.13
IDthresh_553: 554.37	28.21	-61.92	-63.4	0.26	2.04	78.92	-56.0	-59.8	131.23	0.07	39.0	0.0	19.42	19.62	-63.49	22.92	0.91	-89.01	112.8	-90.13
IDthresh_554: 565.83	28.68	-61.46	-62.89	0.3	2.04	78.24	-55.95	-58.1	130.57	0.07	44.0	0.0	22.12	22.21	-62.98	22.29	0.92	-89.07	96.3	-90.14
IDthresh_555: 577.25	29.16	-61.21	-62.53	0.32	2.0	77.4	-55.69	-57.67	128.0	0.06	47.0	0.0	23.58	23.72	-62.62	21.71	0.93	-89.09	89.5	-90.37
IDthresh_556: 588.29	29.37	-60.81	-62.15	0.33	2.06	76.74	-55.54	-56.35	124.12	0.08	50.0	0.0	23.87	25.35	-62.25	21.21	0.93	-88.92	78.4	-90.18
IDthresh_557: 599.75	30.07	-60.17	-61.5	0.36	2.05	75.96	-55.21	-54.97	120.32	0.07	55.0	0.0	28.57	27.77	-61.59	20.75	0.95	-88.82	69.6	-90.23
IDthresh_558: 610.87	30.26	-59.81	-61.09	0.35	2.07	75.12	-54.9	-54.36	115.84	0.05	58.0	0.0	28.01	29.28	-61.18	20.22	0.96	-88.74	68.7	-90.07
IDthresh_559: 621.77	30.7	-59.51	-60.81	0.38	2.1	74.17	-54.71	-53.23	111.45	0.07	61.0	0.0	31.45	30.58	-60.9	19.46	0.97	-88.89	60.3	-90.21
IDthresh_560: 633.18	31.0	-59.49	-60.82	0.37	2.11	73.57	-54.79	-52.27	109.35	0.05	63.0	0.0	33.11	31.65	-60.91	18.78	0.98	-89.15	58.7	-90.49
IDthresh_561: 644.28	31.1	-59.7	-60.63	0.39	2.37	72.84	-54.77	-51.47	107.11	0.07	66.0	0.0	30.77	33.0	-60.73	18.07	0.99	-88.76	52.2	-90.8
IDthresh_562: 655.69	32.13	-58.6	-59.93	0.4	2.2	71.56	-54.25	-49.84	101.46	0.07	70.0	0.0	37.88	35.36	-60.02	17.32	1.0	-88.98	48.7	-90.73
IDthresh_563: 666.50	32.52	-58.25	-59.59	0.41	2.25	70.7	-54.0	-49.17	97.69	0.06	72.0	0.0	37.59	36.15	-59.69	16.69	1.01	-89.0	44.4	-90.77

IRdepol (rep 1)

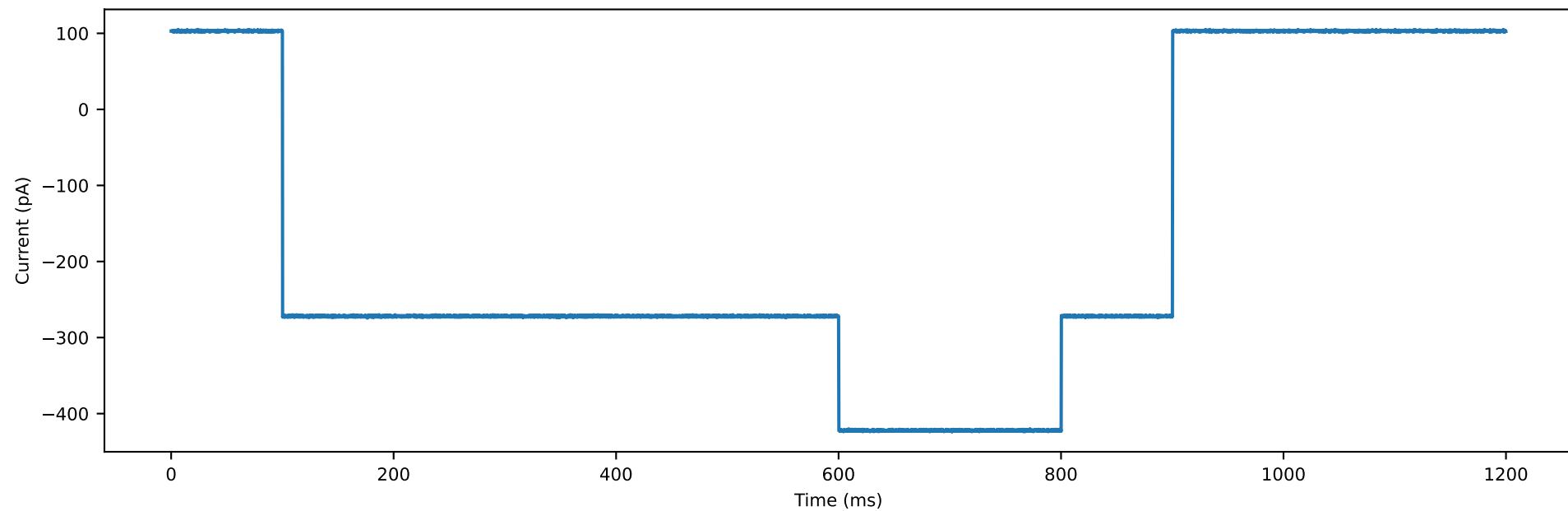
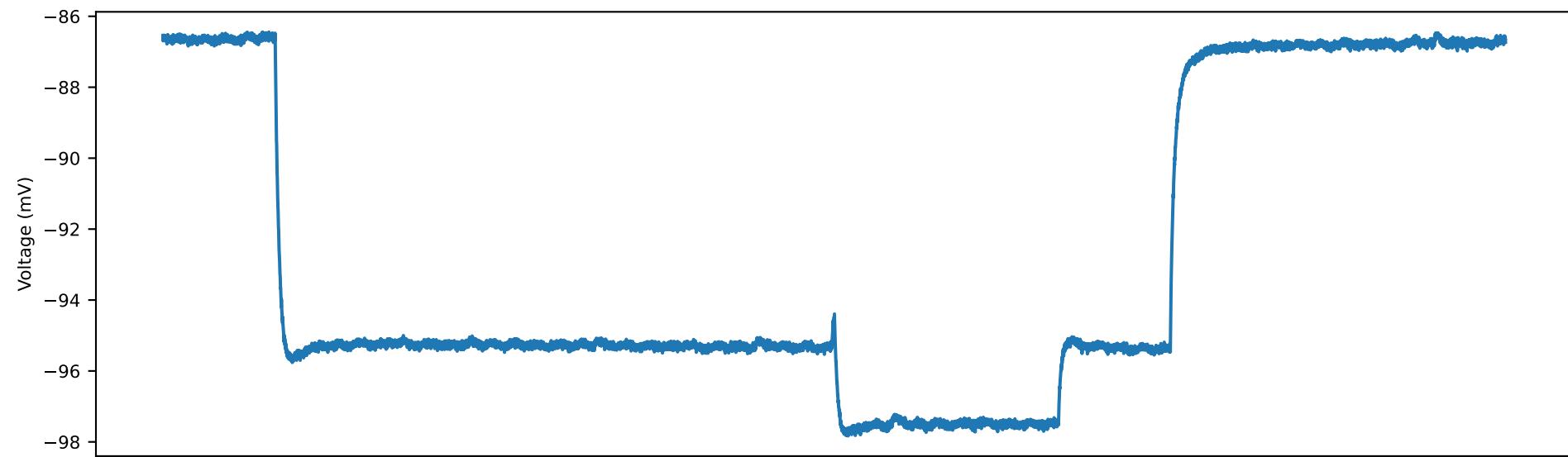


IRdepol

0:voltage_base 1:steady_state_voltage_stimend 2:decay_time_constant_after_stim 3:voltage_deflection_vb_ssse
4:ohmic_input_resistance_vb_ssse

	0	1	2	3	4
IRdepol_520: 253.80	-71.27	-80.4	12.83	-9.13	91.22

IRhyperpol (rep 1)

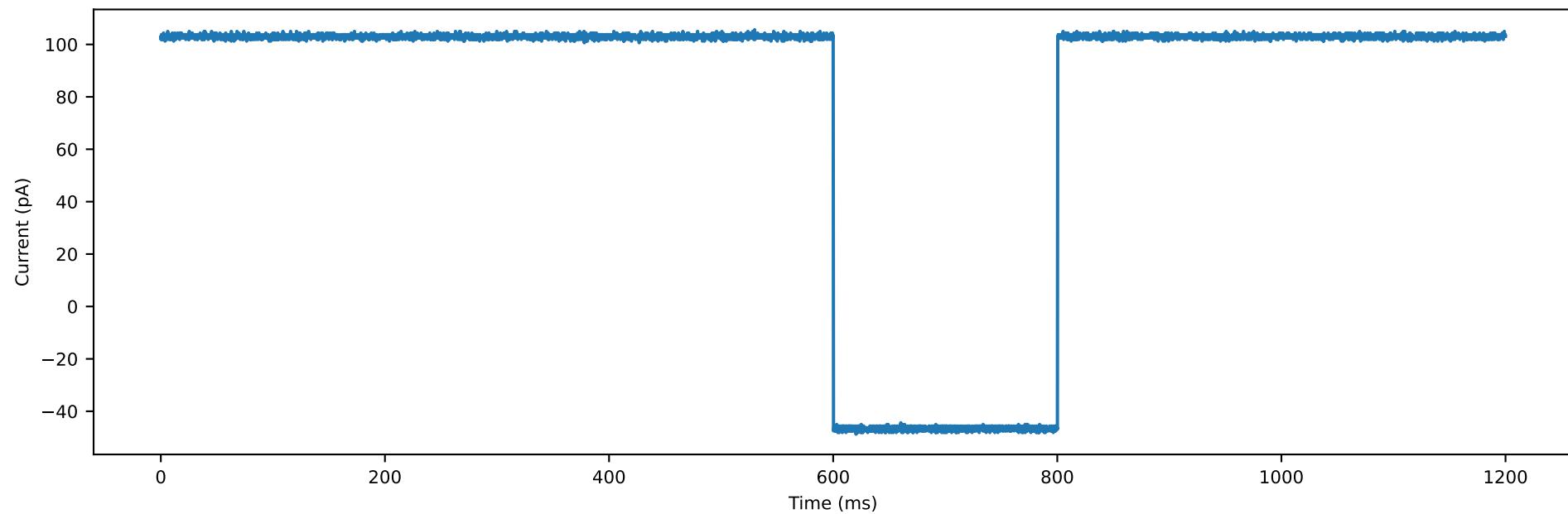
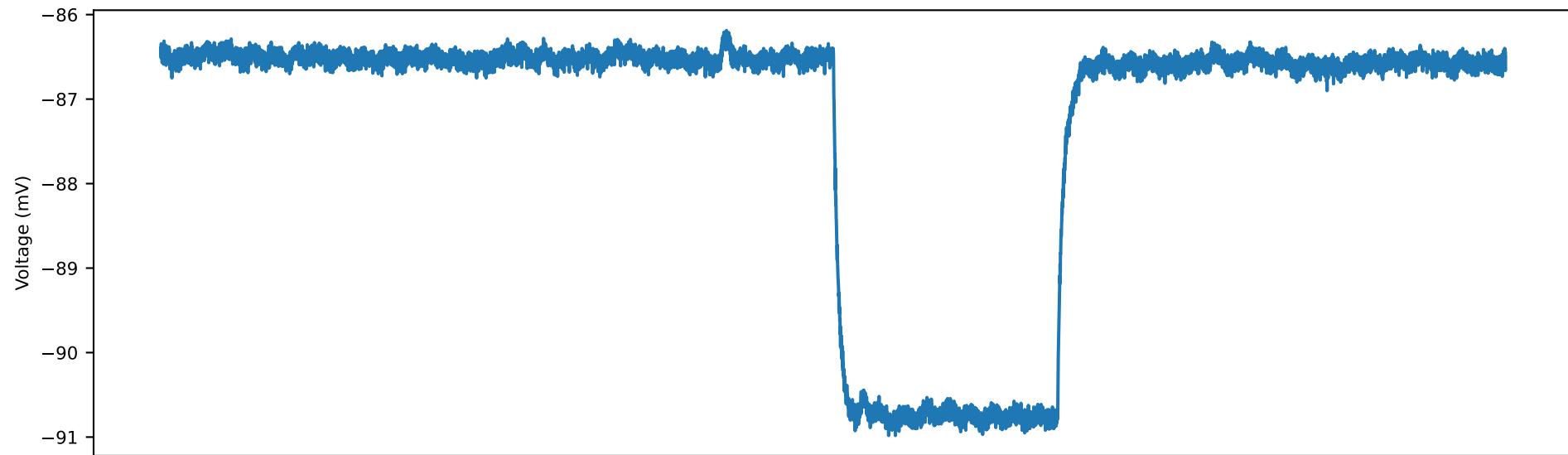


IRhyperpol

0:voltage_base 1:steady_state_voltage_stimend 2:decay_time_constant_after_stim 3:voltage_deflection_vb_ssse
4:ohmic_input_resistance_vb_ssse

	0	1	2	3	4
IRhyperpol_519: -422.17	-95.29	-97.5	6.44	-2.2	10.36

IRest (rep 1)

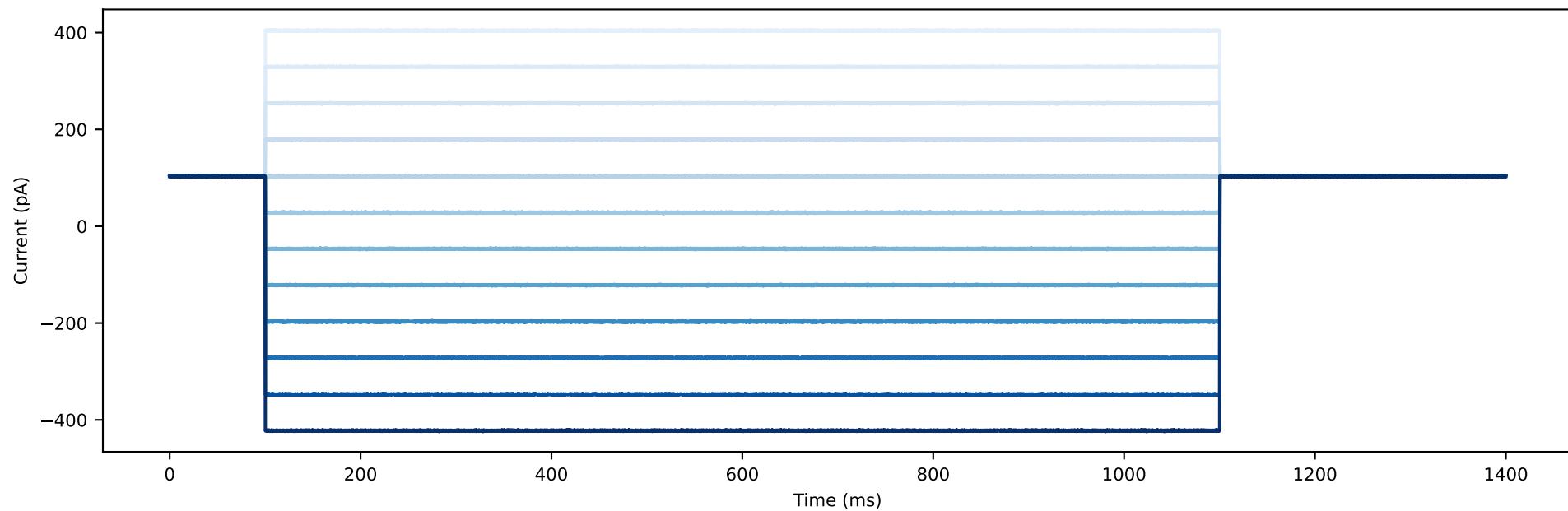
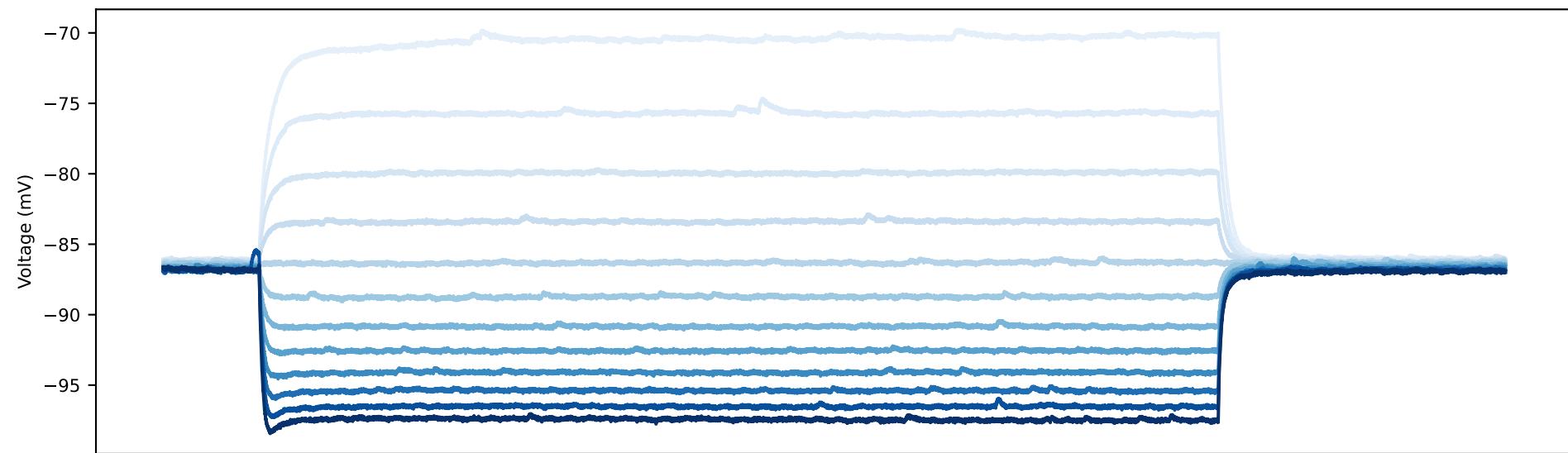


|Rrest

0:voltage_base 1:steady_state_voltage_stimend 2:decay_time_constant_after_stim 3:voltage_deflection_vb_ssse
4:ohmic_input_resistance_vb_ssse

	0	1	2	3	4
Rrest_518: -46.61	-86.51	-90.76	6.46	-4.25	28.44

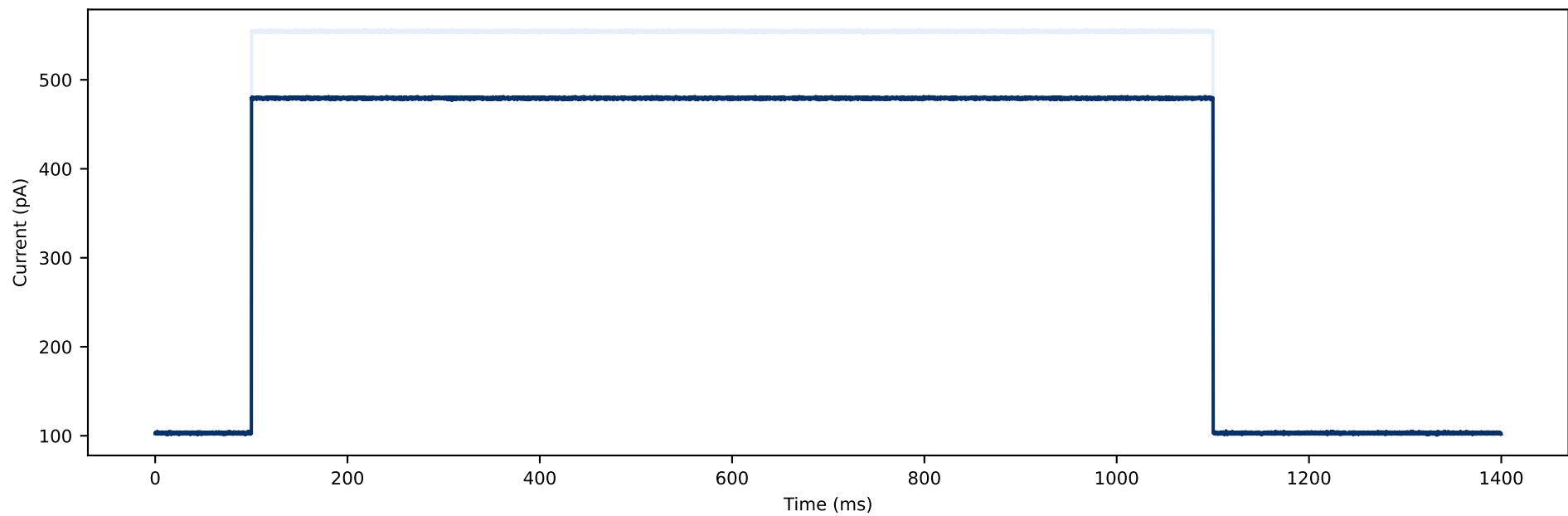
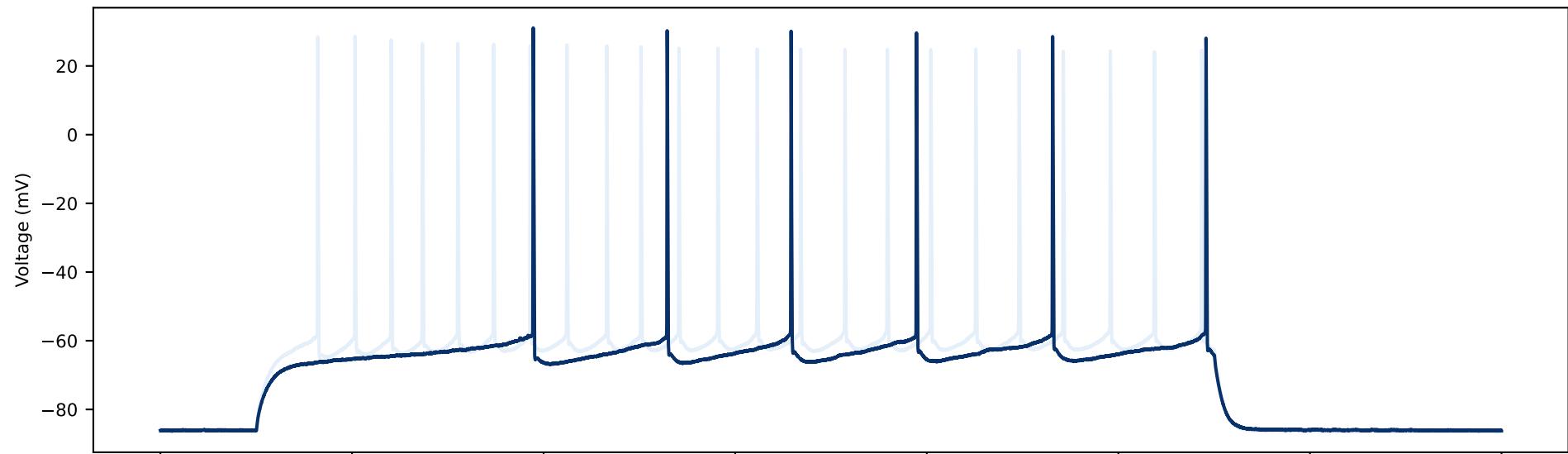
IV (rep 1)



0:voltage_base 1:steady_state_voltage 2:steady_state_voltage_stimend 3:decay_time_constant_after_stim
 4:voltage_deflection 5:voltage_deflection_begin 6:voltage_deflection_vb_ssse 7:Spikecount

	0	1	2	3	4	5	6	7
IV_504: -422.13	-86.83	-87.11	-97.47	5.79	-10.69	-10.59	-10.64	0.0
IV_505: -347.20	-85.91	-87.02	-96.53	7.52	-9.78	-9.78	-10.62	0.0
IV_506: -271.85	-86.85	-86.96	-95.42	5.23	-8.62	-8.59	-8.58	0.0
IV_507: -196.98	-86.7	-86.85	-94.11	5.75	-7.33	-7.39	-7.41	0.0
IV_508: -121.53	-86.6	-86.7	-92.57	5.77	-5.94	-5.9	-5.97	0.0
IV_509: -46.59	-86.57	-86.56	-90.86	5.55	-4.27	-4.26	-4.28	0.0
IV_510: 28.05	-86.4	-86.4	-88.71	5.37	-2.24	-2.36	-2.31	0.0
IV_511: 103.01	-86.35	-86.27	-86.28	3.71	0.05	-0.06	0.06	0.0
IV_512: 179.13	-86.21	-86.15	-83.38	6.17	2.9	2.8	2.83	0.0
IV_513: 253.81	-86.22	-85.95	-79.88	7.65	6.22	6.15	6.33	0.0
IV_514: 329.34	-86.16	-85.79	-75.69	7.93	10.44	10.32	10.47	0.0
IV_515: 404.10	-86.04	-85.54	-70.14	8.71	15.95	14.94	15.9	0.0

IV-supra (rep 1)

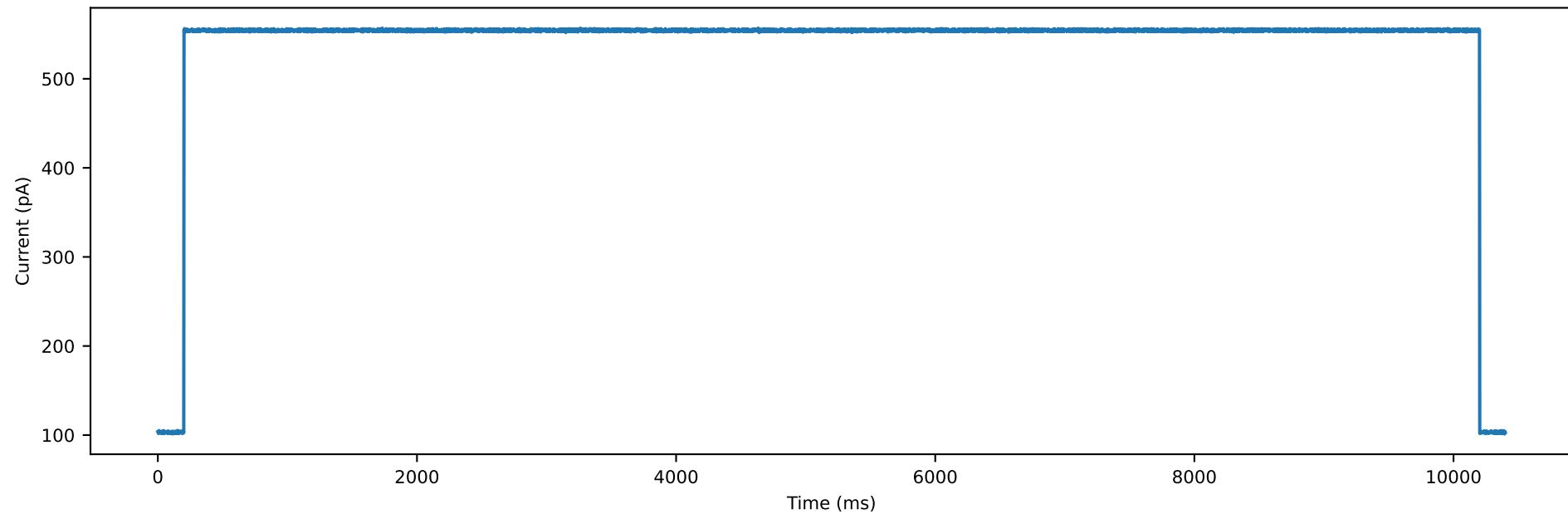
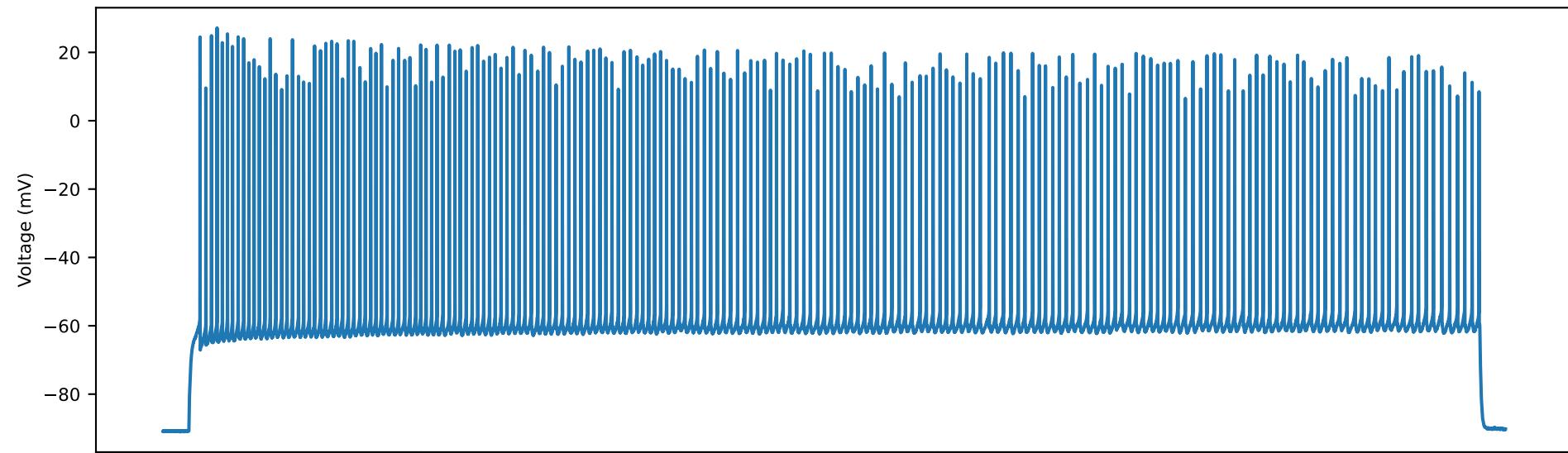


IV-supra

0:AHP_depth 1:AHP_depth_abs 2:AHP_depth_abs_slow 3:AHP_slow_time
 4:AHP_time_from_peak 5:AP_amplitude 6:AP_begin_voltage 7:AP_fall_rate
 8:AP_rise_rate 9:ISI_CV 10:Spikecount 11:adaptation_index2
 12:inv_first_ISI 13:mean_frequency 14:min_voltage_between_spikes 15:peak_voltage
 16:spike_half_width 17:steady_state_voltage 18:time_to_first_spike 19:voltage_base

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
IV_516: 479.56	22.4	-63.7	-66.29	0.15	2.03	86.78	-57.16	-67.59	168.79	0.1	6.0	0.04	7.15	6.05	-66.41	29.62	0.82	-85.38	289.2	-86.1
IV_517: 554.39	25.1	-61.07	-62.99	0.33	2.05	82.36	-56.77	-61.68	154.12	0.11	23.0	0.01	25.71	23.3	-63.08	25.59	0.85	-85.62	64.3	-86.17

SpontAPs (rep 1)

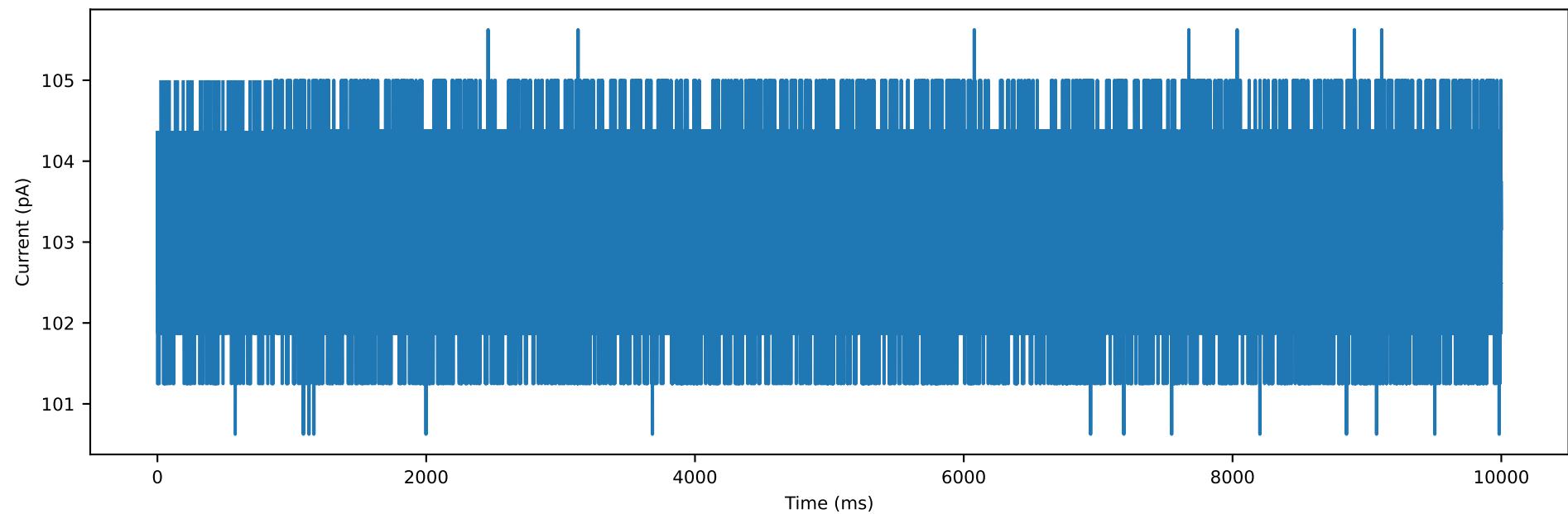
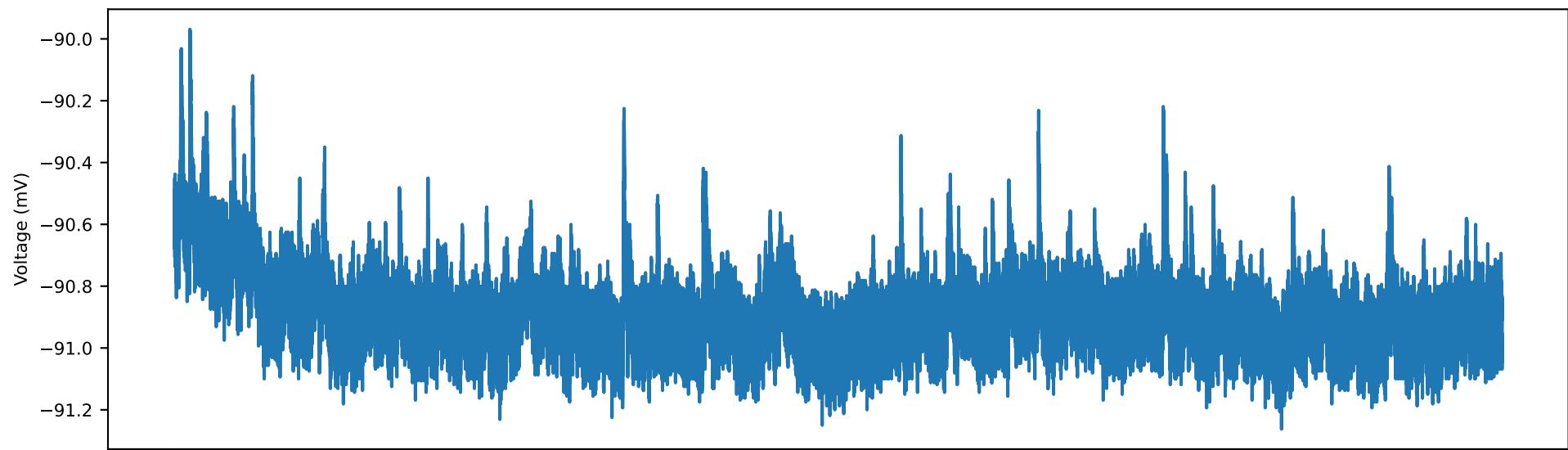


SpontAPs

0:AHP_depth 1:AHP_depth_abs 2:AHP_depth_abs_slow 3:AHP_slow_time
4:AHP_time_from_peak 5:AP_amplitude 6:AP_begin_voltage 7:AP_fall_rate
8:AP_rise_rate 9:ISI_CV 10:Spikecount 11:adaptation_index2
12:inv_first_ISI 13:mean_frequency 14:min_voltage_between_spikes 15:peak_voltage
16:spike_half_width 17:steady_state_voltage 18:time_to_first_spike 19:voltage_base

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
SpontAPs_566: 554.41	29.92	-60.89	-62.29	0.3	1.96	72.08	-55.73	-54.36	91.21	0.12	199.0	0.0	22.22	19.91	-62.31	16.35	1.0	-88.57	86.5	-90.8

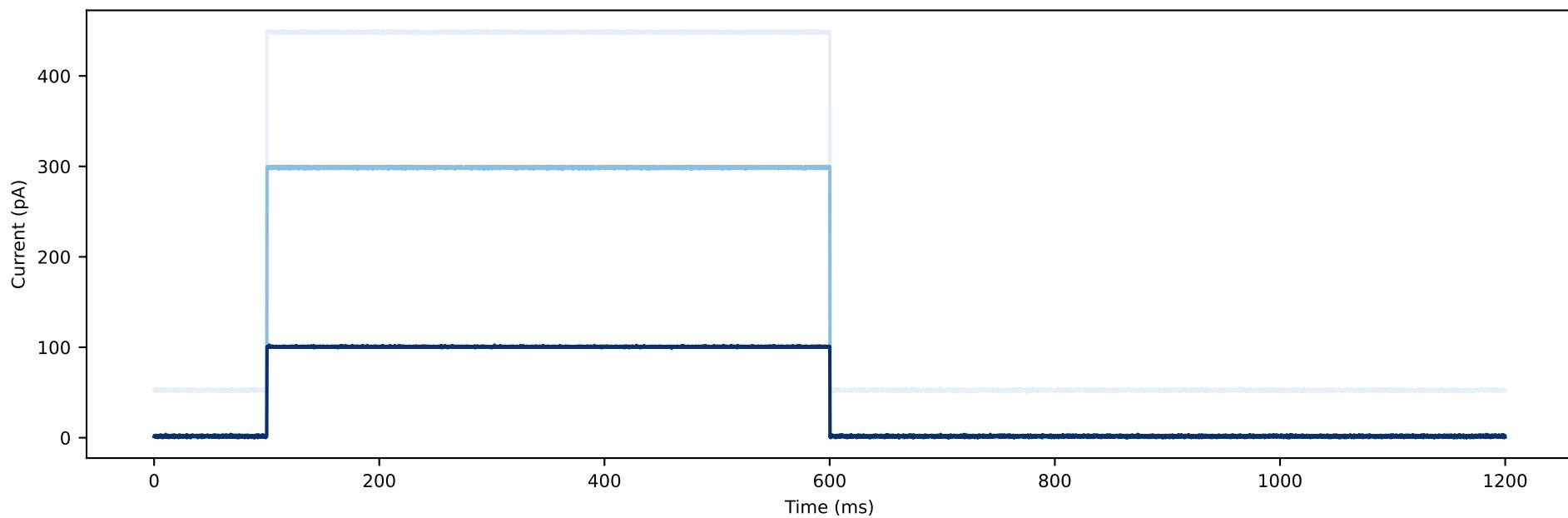
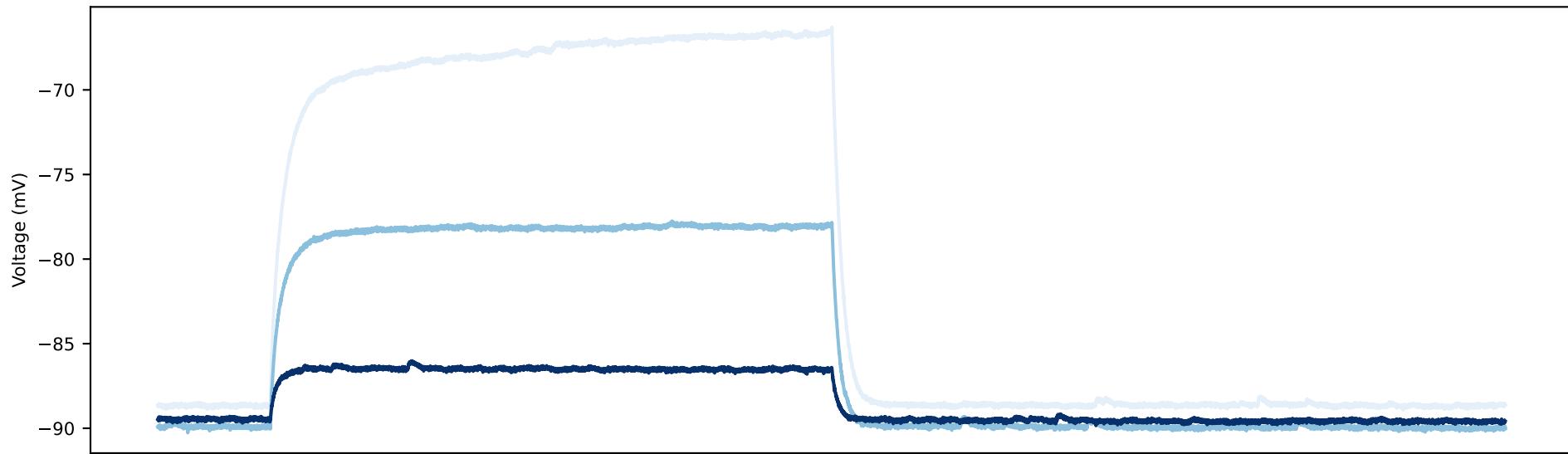
Spontaneous (rep 1)



Spontaneous

0:Spikecount 1:voltage_base 2:minimum_voltage 3:maximum_voltage

	0	1	2	3
Spontaneous_564: 103.03	0.0	-90.64	-91.26	-89.97

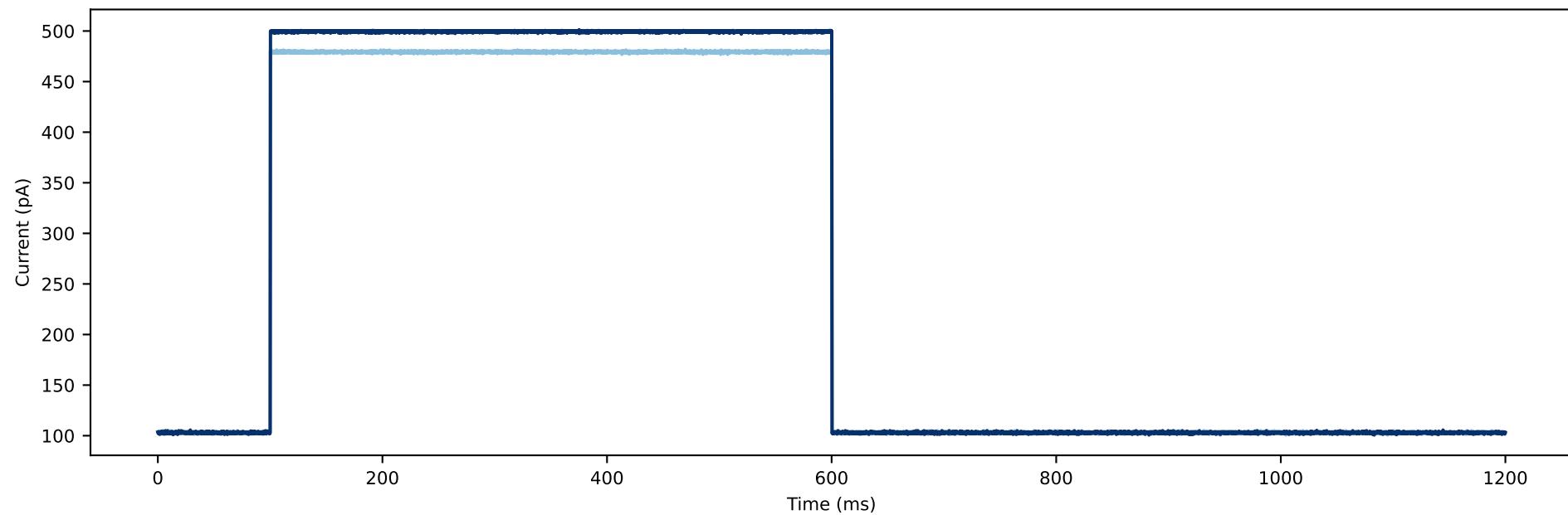
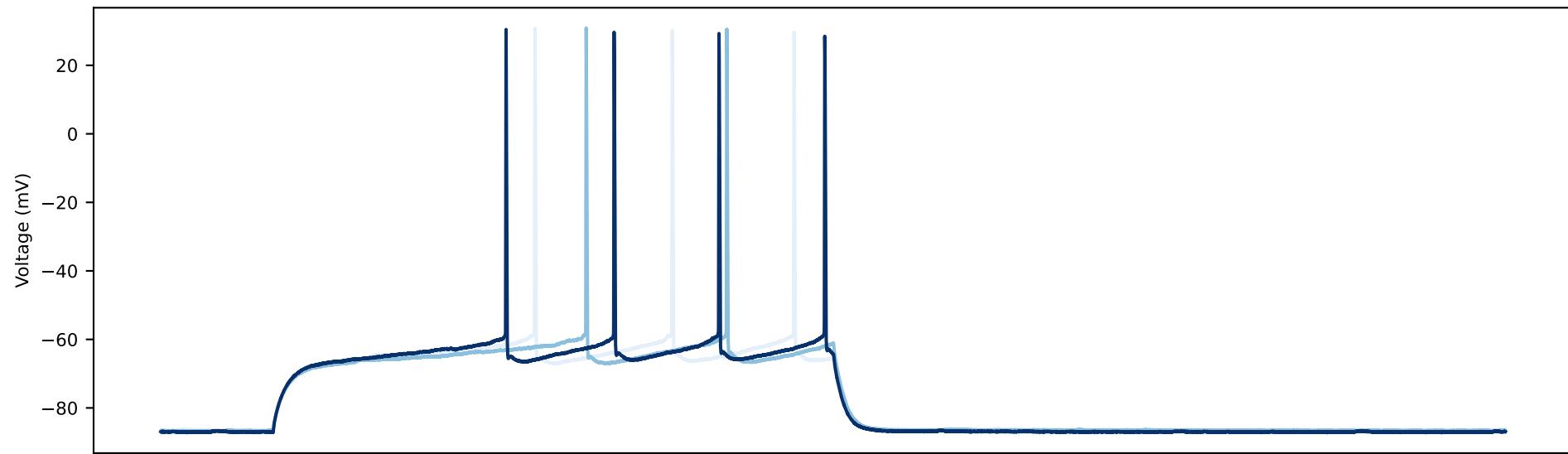


TesteCode-sub

0:voltage_base 1:steady_state_voltage 2:steady_state_voltage_stimend 3:decay_time_constant_after_stim
4:voltage_deflection 5:voltage_deflection_begin 6:voltage_deflection_vb_ssse 7:Spikecount

	0	1	2	3	4	5	6	7
TesteCode_497: 100.32	-89.47	-89.52	-86.51	5.17	2.95	3.02	2.96	0.0
TesteCode_498: 298.77	-89.91	-89.77	-78.06	6.45	11.89	11.15	11.85	0.0
TesteCode_499: 448.27	-88.65	-88.31	-66.7	8.67	22.09	18.69	21.95	0.0

TesteCode (rep 1)

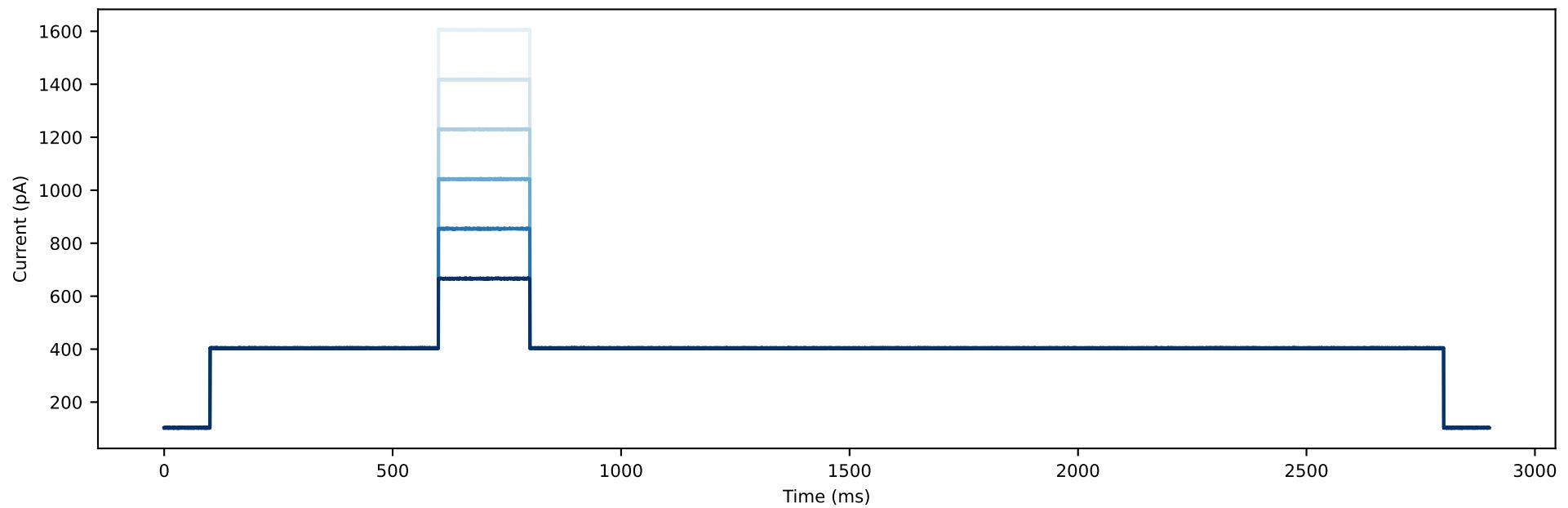
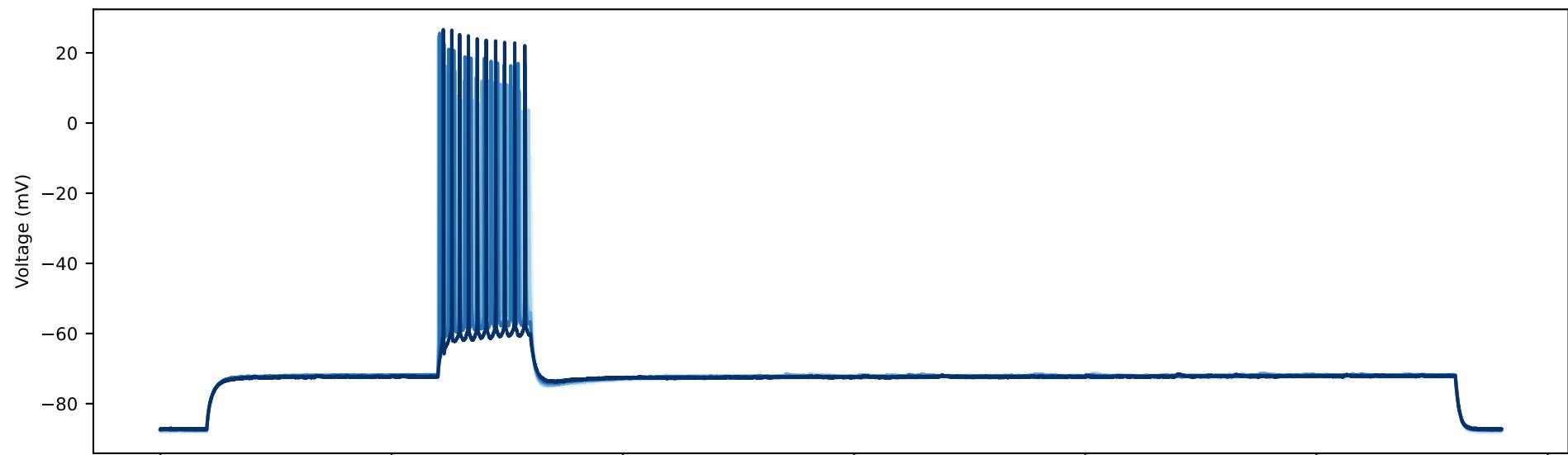


TesteCode

0:AP_amplitude 1:AP_fall_rate 2:AP_begin_voltage 3:AP_rise_rate
4:peak_voltage 5:spike_half_width 6:AHP_depth 7:AHP_depth_abs
8:AHP_time_from_peak

	0	1	2	3	4	5	6	7	8
TesteCode_500: 499.57	87.46	-66.82	-58.0	174.93	29.46	0.81	22.57	-64.41	2.05
TesteCode_501: 479.60	88.56	-69.26	-57.83	177.12	30.73	0.81	21.81	-64.83	2.05
TesteCode_502: 479.58	88.08	-70.81	-57.86	166.39	30.22	0.82	22.2	-64.38	2.1

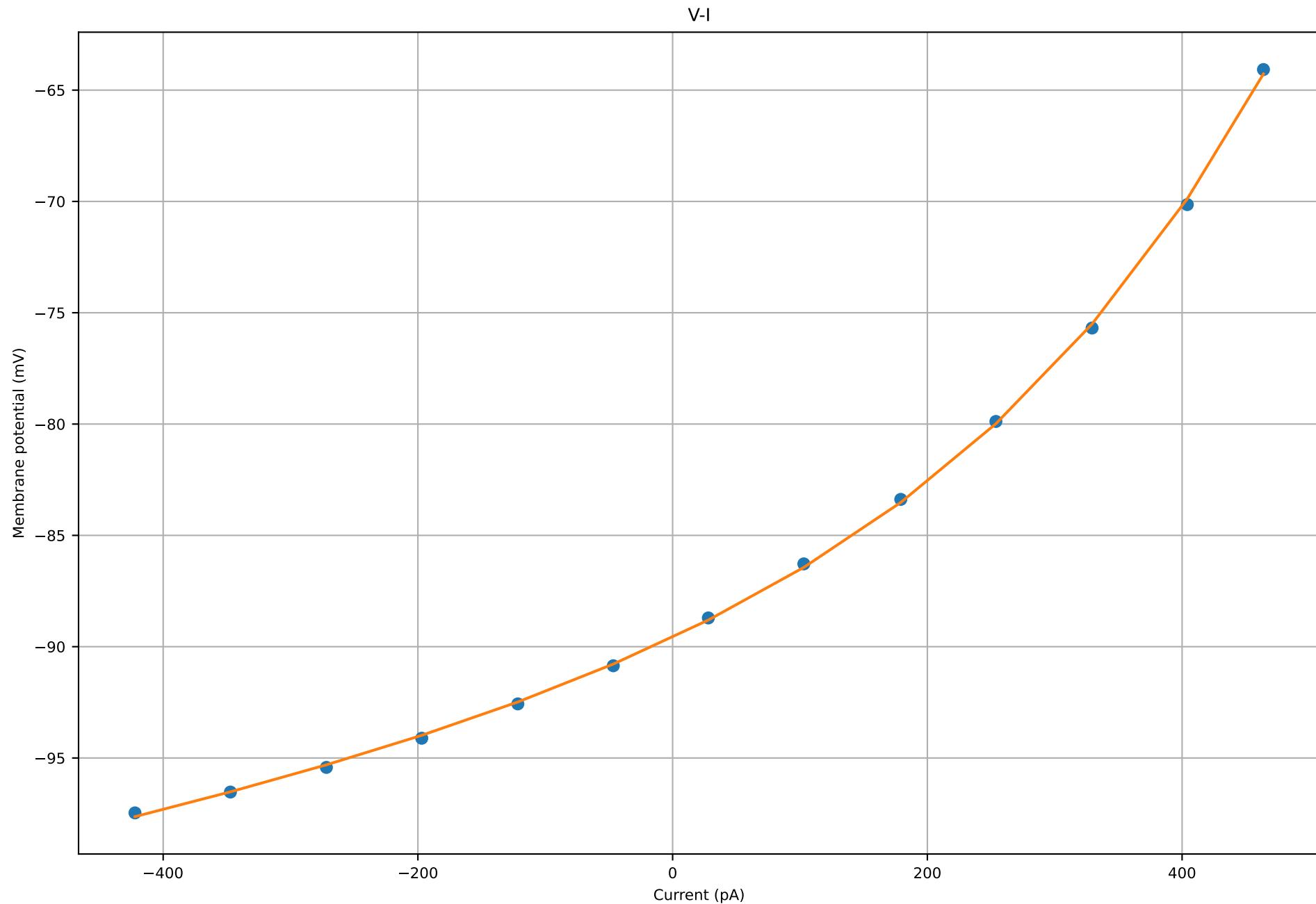
sAHP (rep 1)

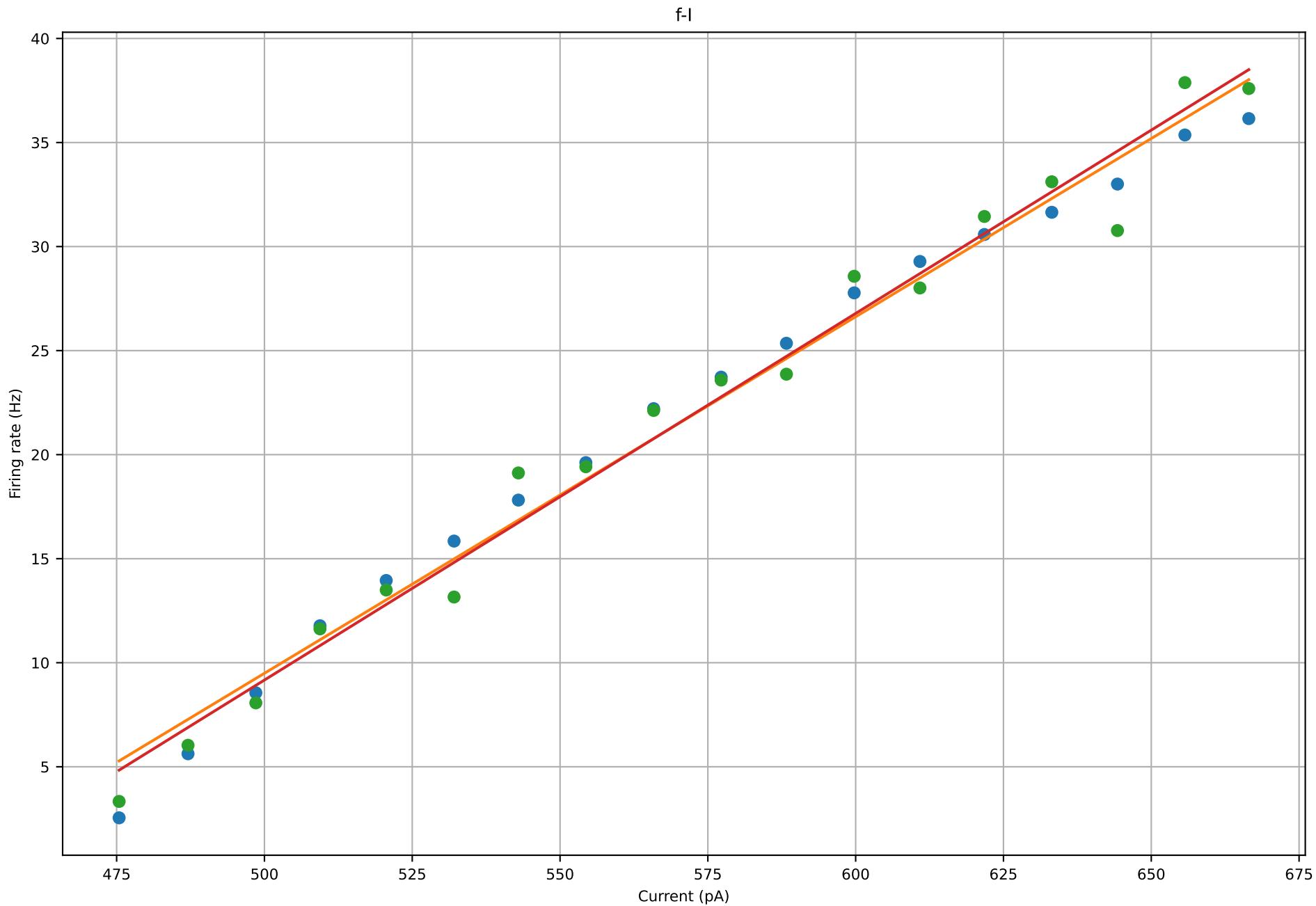


sAHP

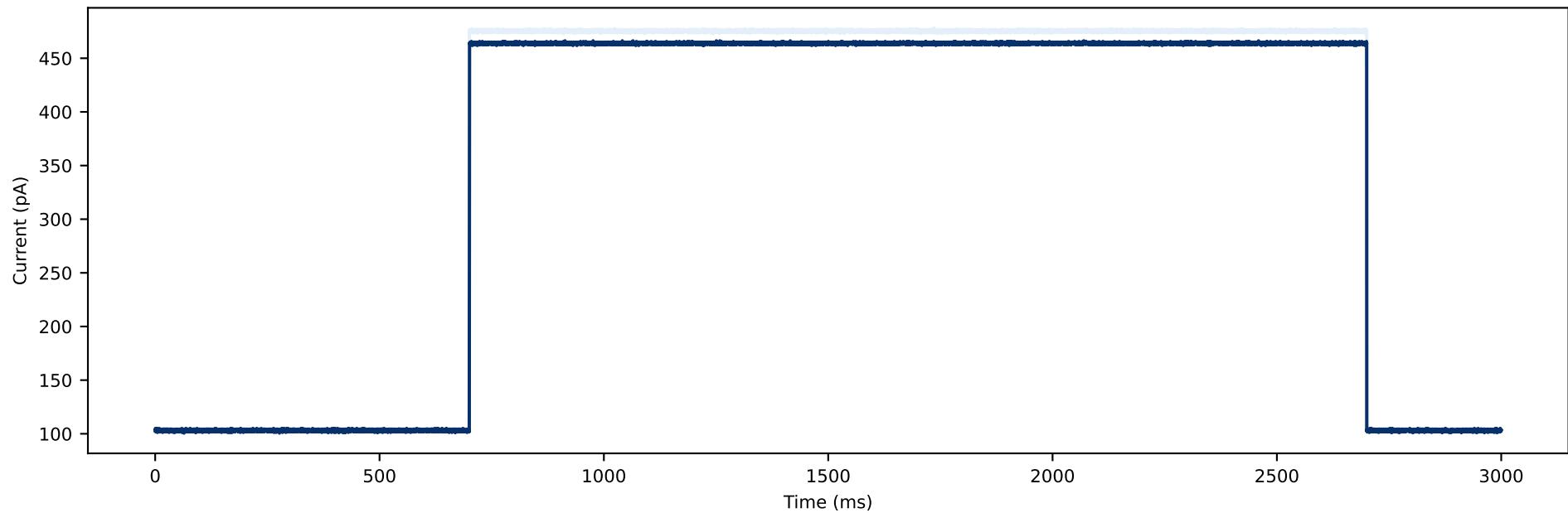
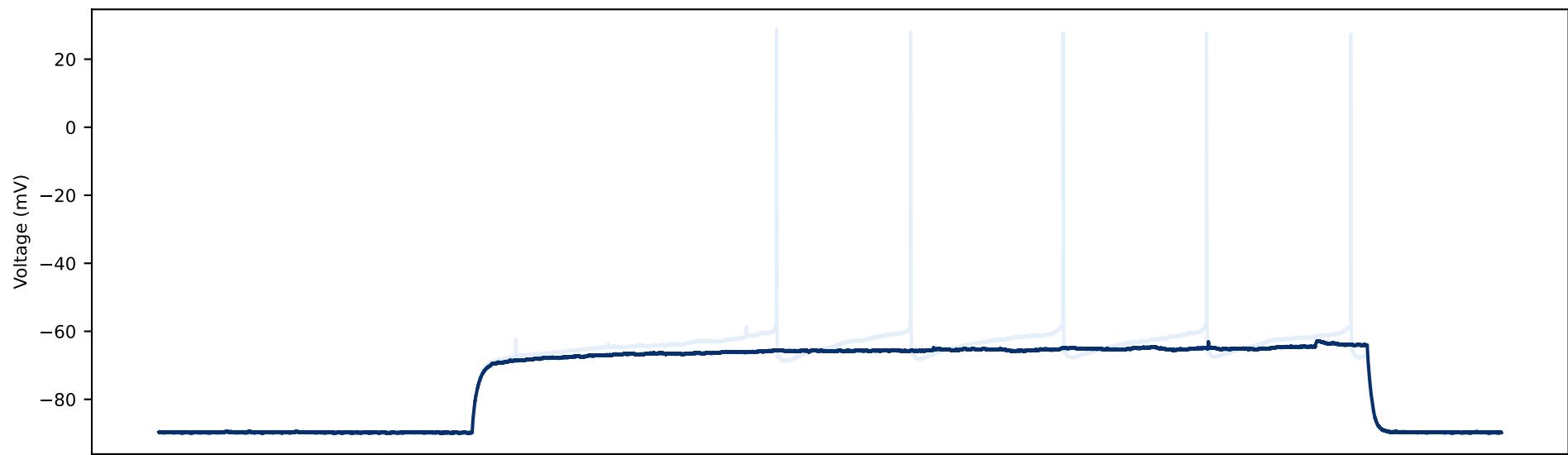
0:Spikecount 1:voltage_base 2:mean_frequency 3:minimum_voltage

	0	1	2	3
sAHP_527: 666.48	10.0	-72.33	53.16	-73.84
sAHP_528: 854.75	15.0	-71.94	79.41	-74.19
sAHP_529: 1042.43	17.0	-71.97	89.76	-74.72
sAHP_530: 1230.22	18.0	-71.93	91.88	-74.96
sAHP_531: 1417.65	17.0	-71.81	90.57	-74.8
sAHP_532: 1605.57	15.0	-72.25	76.5	-75.14

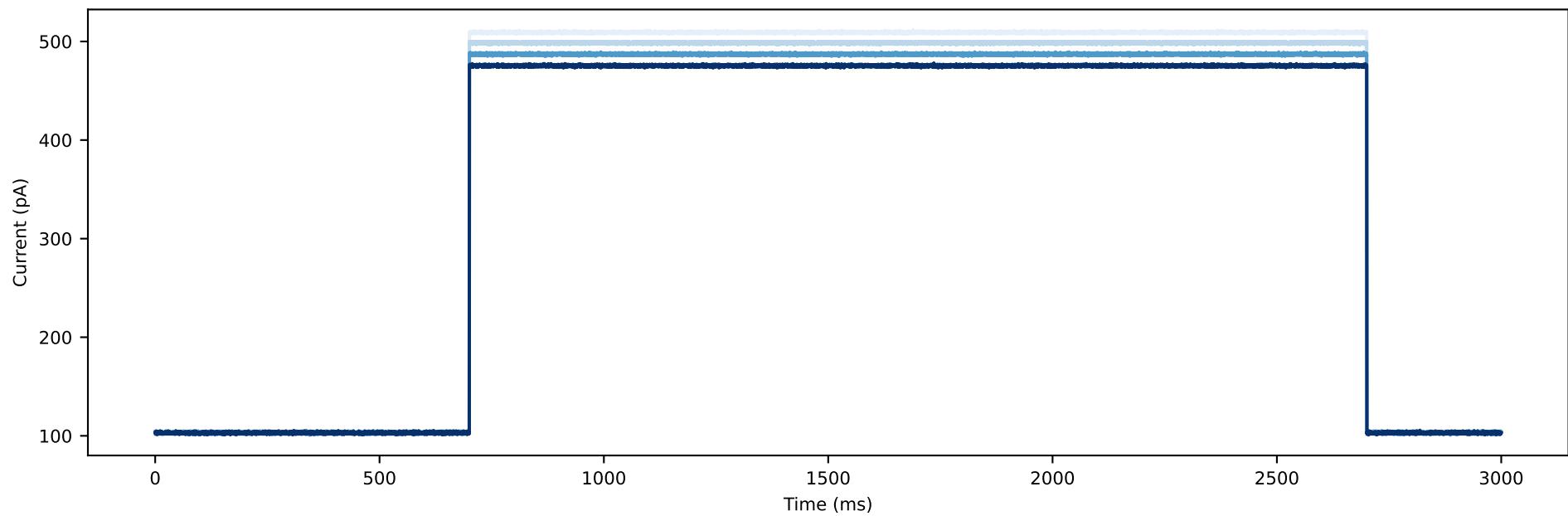
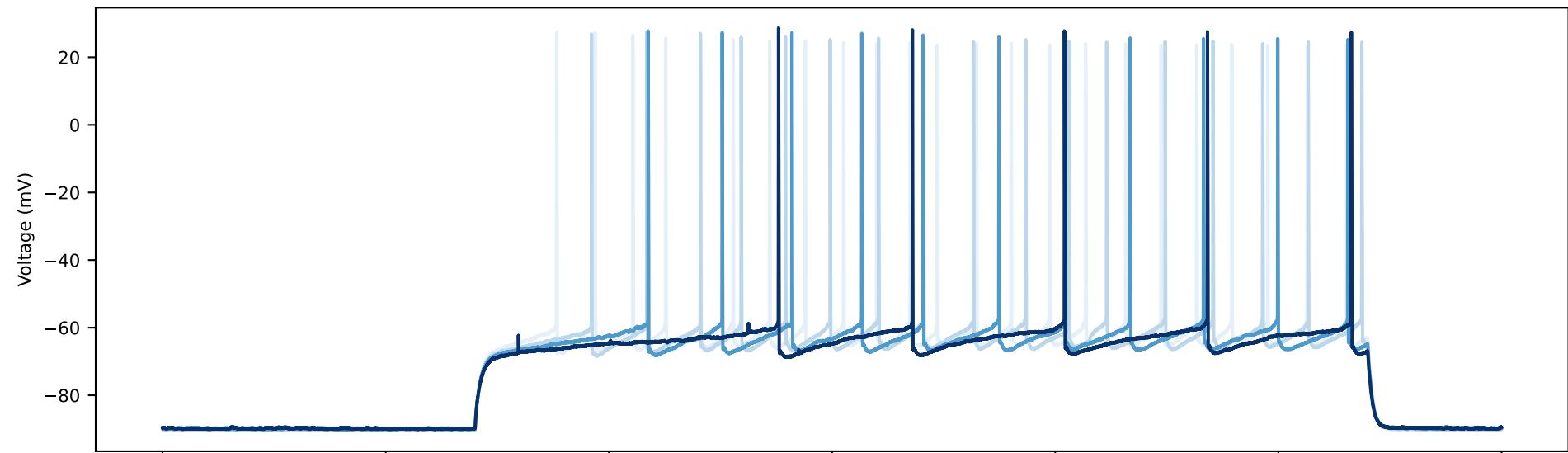




Rheobase (min stim): [463.89, 475.42] (rep 1)



IDthresh



Cell: 150908_c5_D1

	Feature value
vm_rest	-89.585
ir_fitmin	14.379
ir_fitmax	103.59
ir_fitrest	27.002
fi_rheobase	475.42
fi_avg_minstim	475.42
fi_avg_fitslope	0.171
fi_avg_fitbaserate	5.281
fi_1st_minstim	475.42
fi_1st_fitslope	0.176
fi_1st_fitbaserate	4.837
fi_avg_rate_idlow	2.547
fi_avg_rate_idmid	13.952
fi_avg_rate_idhigh	36.15
fi_1st_rate_idlow	3.334
fi_1st_rate_idmid	13.495
fi_1st_rate_idhigh	37.594
ap_threshold	-56.656
ap_peak	20.501
ap_amplitude	75.81
ap_fall_rate	-36.255
ap_rise_rate	91.527
ap_avg_thresh	-55.309
ap_half_width	0.95
ahp_depth	29.763
ahp_depth_abs	-60.607
ahp_depth_abs_slow	-61.896
ahp_min_voltage	-62.02
ahp_time_from_peak	2.109
ahp_slow_time	0.333
ad_idlow	-0.014
ad_idmid	-0.002
ad_idhigh	0.001
ap_delay_idlow	680.0
ap_delay_idmid	167.3
ap_delay_idhigh	44.4
tau_delta	5.305
tau_depol	12.834
tau_hypopol	6.438
tau_rest	6.456
ir_depol	91.224
ir_hypopol	10.359
ir_rest	28.438