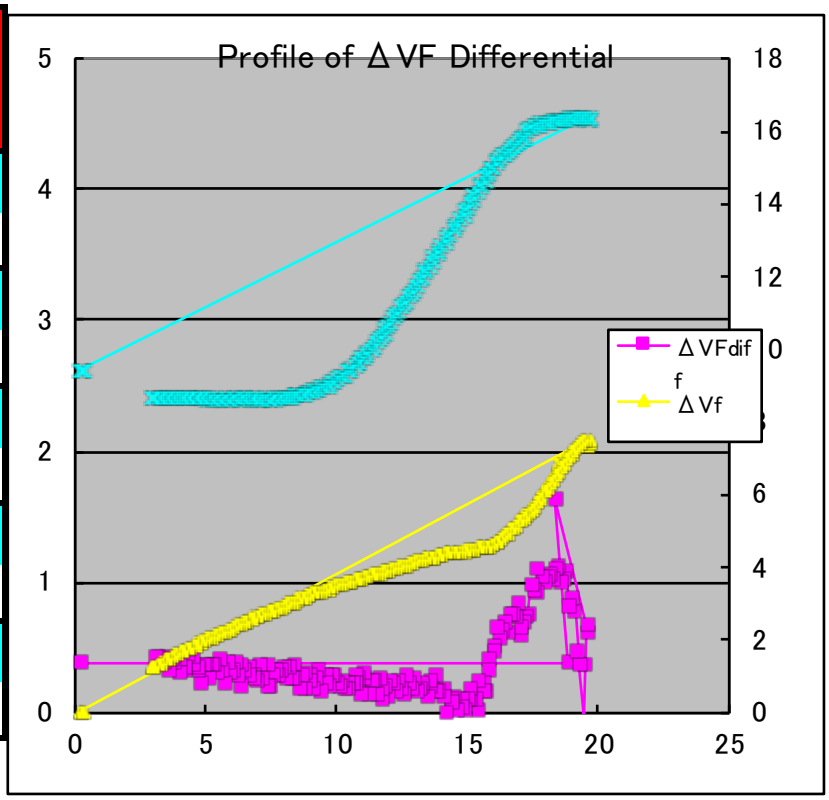
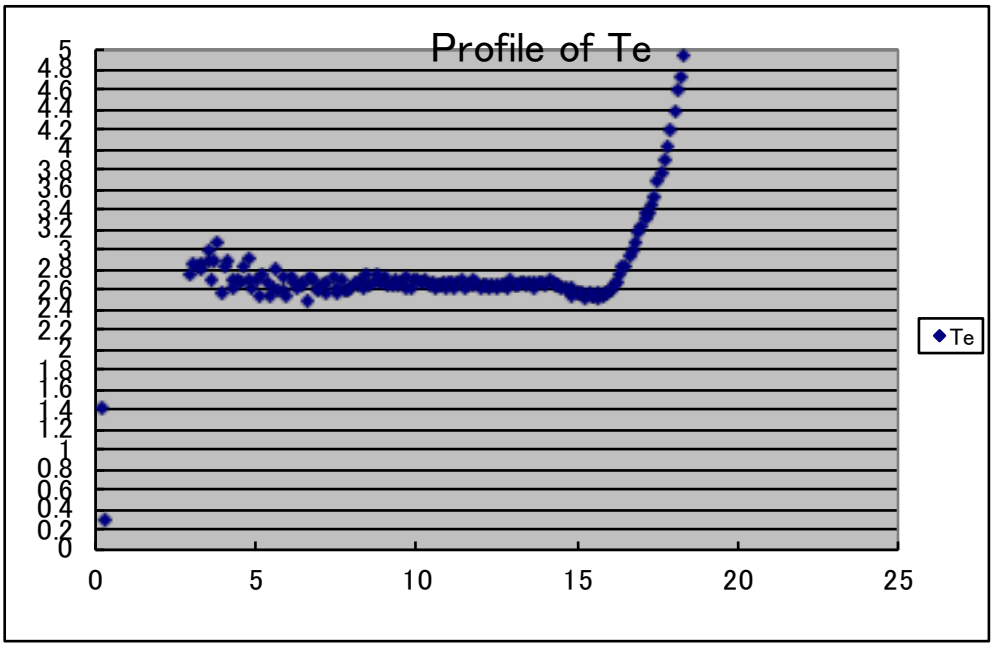
Measurement No. 20180512-22
Electron Temperature
Te = 2.76 (eV)
Electron Density
Ne = 1.03E+12 (cm^{-3})
Plasma Potential
Vs = 16.25 (V)
Floating Potential
Vf = 8.71 (V)
Reference





20180512-22	VH(V)	delVF(V)	VF(V)		Vh	Te	ΔVFdiff
	0.164042	0.082534	9.479065		0.164042		
	0.133284	0.06613	9.456764		0.133284	1.446	
	0.179421	0.08561	9.446512	Macro Execu	0.179421	0.327	0.382141
	19.47179	7.43264	16.34551		19.47179	6.396	0.376257
	18.85612	7.225538	16.37267		18.85612	6.284	0.382453
	18.33426	6.91437	16.37139		18.33426	5.764	1.640521
	19.61891	7.520298	16.39343		19.61891	6.546	0.607049
	19.56303	7.582331	16.44521		19.56303	6.809	0.680002
	19.43795	7.578737	16.44521		19.43795	6.926	-0.0242
	19.26981	7.550547	16.42932		19.26981	7.004	0.378878
	19.23751	7.529528	16.44854		19.23751	6.961	0.477754
	19.11653	7.41316	16.46315		19.11653	6.668	0.772802
	18.95402	7.34754	16.41702		18.95402	6.602	0.869748
	18.92686	7.285517	16.41932		18.92686	6.416	0.811541
	18.77307	7.125576	16.42137		18.77307	6.04	1.076721
	18.65414	7.03791	16.4042		18.65414	5.874	1.023861
	18.57981	6.944616	16.38344		18.57981	5.661	1.008715
	18.45421	6.801588	16.39651		18.45421	5.362	1.124666
	18.36091	6.709829	16.38421		18.36091	5.188	1.100236
	18.25941	6.593975	16.35371		18.25941	4.968	1.030651
	18.15022	6.471968	16.35934		18.15022	4.749	1.067495
	18.05282	6.387901	16.32397		18.05282	4.615	1.052257
	17.95081	6.272045	16.31474		17.95081	4.422	0.998838
	17.82778	6.139784	16.29783		17.82778	4.215	1.033604
	17.71038	6.032644	16.27348		17.71038	4.061	1.106177
	17.6258	5.946522	16.24964		17.6258	3.938	0.929212
	17.56941	5.850149	16.23862		17.56941	3.791	0.941634
	17.42946	5.769663	16.18582		17.42946	3.704	0.989987
	17.31514	5.660469	16.15814		17.31514	3.563	0.762537
	17.26747	5.591782	16.11456		17.26747	3.47	0.742564
	17.13983	5.522577	16.05459		17.13983	3.401	0.701431
	17.08497	5.513861	15.93335		17.08497	3.404	0.590979
	17.03012	5.460545	15.87414		17.03012	3.339	0.65631
	16.90401	5.376987	15.83287		16.90401	3.251	0.837748
	16.85942	5.338543	15.75495		16.85942	3.207	0.728647
	16.77535	5.25447	15.69703		16.77535	3.109	0.755117
	16.62207	5.16322	15.65909		16.62207	3.021	0.749702
	16.55236	5.111447	15.57118		16.55236	2.968	0.619669
	16.42522	5.013023	15.52478		16.42522	2.866	0.688386
	16.34268	4.986362	15.45173		16.34268	2.85	0.642152
	16.26015	4.91408	15.38278		16.26015	2.775	0.568152

16.13404	4.842826	15.3123	16.13404	2.712	0.664231
16.06791	4.810017	15.25642	16.06791	2.685	0.521469
15.99307	4.754137	15.2008	15.99307	2.631	0.480701
15.85415	4.702363	15.08418	15.85415	2.596	0.409604
15.81519	4.689552	15.01958	15.81519	2.588	0.327574
15.70497	4.661354	14.92833	15.70497	2.575	0.176569
15.57682	4.617784	14.80812	15.57682	2.547	0.218616
15.57835	4.653666	14.71559	15.57835	2.591	0.167479
15.43533	4.606509	14.62973	15.43533	2.562	0.026705
15.3897	4.608554	14.50234	15.3897	2.573	0.245426
15.28871	4.61009	14.39366	15.28871	2.596	0.097362
15.1585	4.550624	14.31574	15.1585	2.549	0.112742
15.08776	4.572669	14.17067	15.08776	2.592	0.180544
15.0078	4.565497	14.07506	15.0078	2.6	0.115174
14.88271	4.53679	13.96946	14.88271	2.59	0.019223
14.76686	4.505517	13.86283	14.76686	2.575	0.112579
14.76788	4.56652	13.73852	14.76788	2.656	0.046009
14.62076	4.521925	13.65214	14.62076	2.631	0.025731
14.5372	4.520893	13.5309	14.5372	2.649	0.132503
14.428	4.496798	13.42761	14.428	2.643	0.110982
14.35778	4.51218	13.3338	14.35778	2.682	0.086178
14.23269	4.478856	13.22973	14.23269	2.667	0.007767
14.13273	4.486037	13.11644	14.13273	2.704	0.191201
14.09839	4.494238	13.01494	14.09839	2.725	0.122593
13.92614	4.429651	12.91087	13.92614	2.678	0.175614
13.83131	4.429649	12.8104	13.83131	2.704	0.279965
13.74159	4.417348	12.70659	13.74159	2.711	0.161561
13.60216	4.355312	12.61919	13.60216	2.658	0.200277
13.54218	4.367617	12.4818	13.54218	2.694	0.248193
13.4499	4.353263	12.36646	13.4499	2.699	0.131566
13.31816	4.312254	12.28034	13.31816	2.675	0.198099
13.25152	4.30918	12.15833	13.25152	2.691	0.236717
13.16437	4.292774	12.04196	13.16437	2.692	0.179823
13.04492	4.257397	11.95251	13.04492	2.673	0.161091
12.96752	4.249201	11.83742	12.96752	2.685	0.262782
12.85371	4.245097	11.70004	12.85371	2.715	0.191677
12.73325	4.179483	11.62622	12.73325	2.647	0.220467
12.6625	4.184096	11.52677	12.6625	2.678	0.283297
12.54665	4.156413	11.41015	12.54665	2.671	0.144108
12.43028	4.125139	11.30865	12.43028	2.659	0.197376
12.38107	4.128731	11.21791	12.38107	2.682	0.257028
12.27034	4.106693	11.10436	12.27034	2.684	0.167134
12.14578	4.053377	11.01645	12.14578	2.636	0.220051
12.0776	4.066194	10.91571	12.0776	2.683	0.253661
11.96173	4.036456	10.81165	11.96173	2.674	0.118239
11.88433	4.008776	10.71246	11.88433	2.654	0.212625
11.7859	4.010826	10.63838	11.7859	2.696	0.109364
11.70388	3.986733	10.53021	11.70388	2.684	0.19303
11.66646	4.004164	10.43128	11.66646	2.732	0.271843

11.50191	3.934957	10.35823	11.50191	2.669	0.147898
11.4163	3.910353	10.28697	11.4163	2.658	0.256616
11.32608	3.930856	10.14113	11.32608	2.737	0.24025
11.20099	3.884717	10.09397	11.20099	2.701	0.155557
11.08155	3.833966	10.0163	11.08155	2.654	0.262901
11.02414	3.849349	9.909418	11.02414	2.711	0.299588
10.89906	3.818592	9.85354	10.89906	2.706	0.143761
10.82113	3.770915	9.81817	10.82113	2.645	0.269865
10.76064	3.787832	9.69642	10.76064	2.709	0.285717
10.68221	3.757075	9.6672	10.68221	2.683	0.225326
10.62992	3.741696	9.616449	10.62992	2.676	0.236027
10.47306	3.692485	9.547245	10.47306	2.649	0.232117
10.3936	3.7012	9.479577	10.3936	2.709	0.191177
10.33106	3.675567	9.45779	10.33106	2.685	0.185921
10.21161	3.661725	9.362697	10.21161	2.718	0.249257
10.10909	3.624815	9.323224	10.10909	2.691	0.212685
10.05219	3.6161	9.298874	10.05219	2.702	0.225368
9.894812	3.582784	9.218904	9.894812	2.715	0.286276
9.831756	3.576117	9.178919	9.831756	2.737	0.295142
9.716924	3.512548	9.170204	9.716924	2.652	0.208349
9.60927	3.485377	9.122272	9.60927	2.651	0.29871
9.574925	3.516136	9.049223	9.574925	2.749	0.228007
9.437025	3.458207	9.049992	9.437025	2.691	0.17017
9.30323	3.418223	9.01462	9.30323	2.676	0.32555
9.244794	3.423354	8.956436	9.244794	2.729	0.264367
9.135601	3.373114	8.959513	9.135601	2.671	0.183055
9.035636	3.352093	8.952848	9.035636	2.684	0.297844
8.964381	3.356195	8.891076	8.964381	2.748	0.242188
8.84033	3.302887	8.898252	8.84033	2.69	0.191853
8.741902	3.277765	8.865189	8.741902	2.693	0.308702
8.645524	3.277249	8.84007	8.645524	2.769	0.290289
8.575809	3.236242	8.828022	8.575809	2.703	0.184615
8.423556	3.181902	8.833918	8.423556	2.664	0.369269
8.375371	3.210098	8.799828	8.375371	2.794	0.262391
8.231831	3.124485	8.78855	8.231831	2.649	0.265508
8.151865	3.125003	8.762405	8.151865	2.721	0.349746
8.068305	3.08758	8.777784	8.068305	2.676	0.269539
7.979615	3.071684	8.729085	7.979615	2.706	0.351324
7.851459	3.02196	8.754972	7.851459	2.661	0.323843
7.743294	2.981462	8.727802	7.743294	2.628	0.279845
7.672549	2.959417	8.723959	7.672549	2.621	0.332069
7.567462	2.956345	8.698839	7.567462	2.718	0.281524
7.445456	2.887139	8.723701	7.445456	2.597	0.197975
7.393679	2.883037	8.692175	7.393679	2.636	0.373858
7.317808	2.889187	8.704222	7.317808	2.745	0.217455
7.120445	2.789224	8.707298	7.120445	2.586	0.26914
7.075333	2.806654	8.699096	7.075333	2.707	0.376708
6.978446	2.771281	8.681923	6.978446	2.683	0.254289
6.868747	2.720022	8.719857	6.868747	2.609	0.289646

6.822096	2.713357	8.704735	6.822096	2.64	0.259607
6.684197	2.693363	8.697815	6.684197	2.74	0.355732
6.605255	2.674398	8.729597	6.605255	2.768	0.29058
6.479659	2.581611	8.705503	6.479659	2.526	0.338639
6.370468	2.582123	8.679104	6.370468	2.683	0.378108
6.32997	2.573408	8.706272	6.32997	2.704	0.213095
6.1931	2.518559	8.716013	6.1931	2.649	0.285722
6.111589	2.503177	8.669107	6.111589	2.706	0.385248
6.033154	2.485745	8.708067	6.033154	2.751	0.333334
5.892182	2.404751	8.711912	5.892182	2.564	0.31044
5.808624	2.3904	8.694994	5.808624	2.633	0.38488
5.738393	2.387322	8.68346	5.738393	2.751	0.219412
5.598961	2.318633	8.73985	5.598961	2.62	0.323912
5.506683	2.320168	8.673977	5.506683	2.83	0.412907
5.409796	2.261215	8.690638	5.409796	2.66	0.300297
5.317526	2.213543	8.717038	5.317526	2.557	0.368728
5.242164	2.211488	8.686792	5.242164	2.714	0.374344
5.077104	2.16177	8.692944	5.077104	2.776	0.275177
5.01405	2.11307	8.728315	5.01405	2.581	0.37544
4.956119	2.114092	8.696789	4.956119	2.739	0.374514
4.807967	2.048473	8.711655	4.807967	2.639	0.235302
4.686988	2.015666	8.726521	4.686988	2.727	0.334484
4.665459	2.031046	8.72037	4.665459	2.946	0.342469
4.51013	1.964916	8.714731	4.51013	2.863	0.367316
4.471166	1.933129	8.738312	4.471166	2.694	0.423923
4.319944	1.880845	8.723701	4.319944	2.73	0.442301
4.224082	1.843936	8.726009	4.224082	2.72	0.33628
4.216909	1.835224	8.734724	4.216909	2.657	0.35091
4.007751	1.777292	8.719089	4.007751	2.909	0.406573
3.950334	1.751145	8.721139	3.950334	2.858	0.317953
3.818074	1.678864	8.738056	3.818074	2.593	0.39285
3.728365	1.67989	8.711143	3.728365	3.106	0.412039
3.620204	1.625044	8.72242	3.620204	2.914	0.321661
3.516137	1.572239	8.740619	3.516137	2.735	0.438396
3.422835	1.551731	8.734211	3.422835	3.026	0.409035
3.407972	1.539431	8.751385	3.407972	2.908	0.386393
3.222913	1.462538	8.733441	3.222913	2.877	0.434519
3.16191	1.435368	8.745745	3.16191	2.833	0.413064
3.078351	1.402046	8.758049	3.078351	2.852	0.424506
2.921488	1.338482	8.743952	2.921488	2.885	
2.863043	1.309771	8.769583	2.863043	2.781	