Test Duration (s)	1290
Calculated Test Duration (s)	1290
Average Ambient Temperature (deg C)	15.33
Calculated Average Ambient Temperature (deg C)	15.36
Total Distance Traveled (mi)	7.859
Calculated Total Distance Traveled (mi)	7.859
Total Fuel Consumed (gal)	0.374
Calculated Total Fuel Consumed (gal)	0.374
Overall Fuel Economy (mpg)	21.04
Calculated Overall Fuel Economy (mpg)	21.04
kNOx (g) (corrected NOx)	0.46
Calculated kNOx (g) (corrected NOx)	0.46
kNOx (g/mi) (corrected NOx)	0.058
Calculated kNOx (g/mi) (corrected NOx)	0.058
THC (g)	0.406
Calculated THC (g)	0.406
THC (g/mi)	0.052
Calculated THC (g/mi)	0.052
1st Measured ECT (deg F)	n/a
Test Start Time	08:52:44.117
Test Stop Time	09:14:13.118
Average Speed (mph)	21.93
Regeneration Event?	Yes
Average SCR temp (deg C)	277.50

sTIME	iCOOL_TEMP	iENG_LOAD	iENG_SPEED
hh:mm:ss.xxx	deg F	%	rpm
08:52:44.117		0	0
08:52:45.117		0	0
08:52:46.117		0	0
08:52:47.117		0	0
08:52:48.117		0	0
08:52:49.117		0	85
08:52:50.117		12.1	896
08:52:51.117		25.7	893
08:52:52.117		34.4	860
08:52:53.117		41.4	860
08:52:54.117		45.9	875
08:52:55.117		47.1	876
08:52:56.117		47.1	871
08:52:57.117		48.5	869
08:52:58.117		50.9	870
08:52:59.117		54.4	864
08:53:00.117		55.1	864
08:53:01.117		54.3	868
08:53:02.117		54.4	869
08:53:03.117		53.9	872
08:53:04.117		55.7	867
08:53:05.117		56.1	871
		56.1	865
		57.6	878
		57.7	872
		61.4	925
		60.3	899
		57.7	937
		57.3	893
		57.5	862
		56.7	867
		56.9	869
		58.2	872
		58.6	873
		58.9	875
		58.6	904
		57.8	966
		60.4	1031
		60.1	1096
		59.4	1152
		59.7	1234
		52.7	1376
		41.1	1457
		33.3	1442
		32	1456
		33.2	1480
		35	1542
		38.3	1470
		41.9	1168
		46.4	1139
		47.6	1131
		50.2	1119
		50.2	1130
		50.4	1134
		51.3	1134
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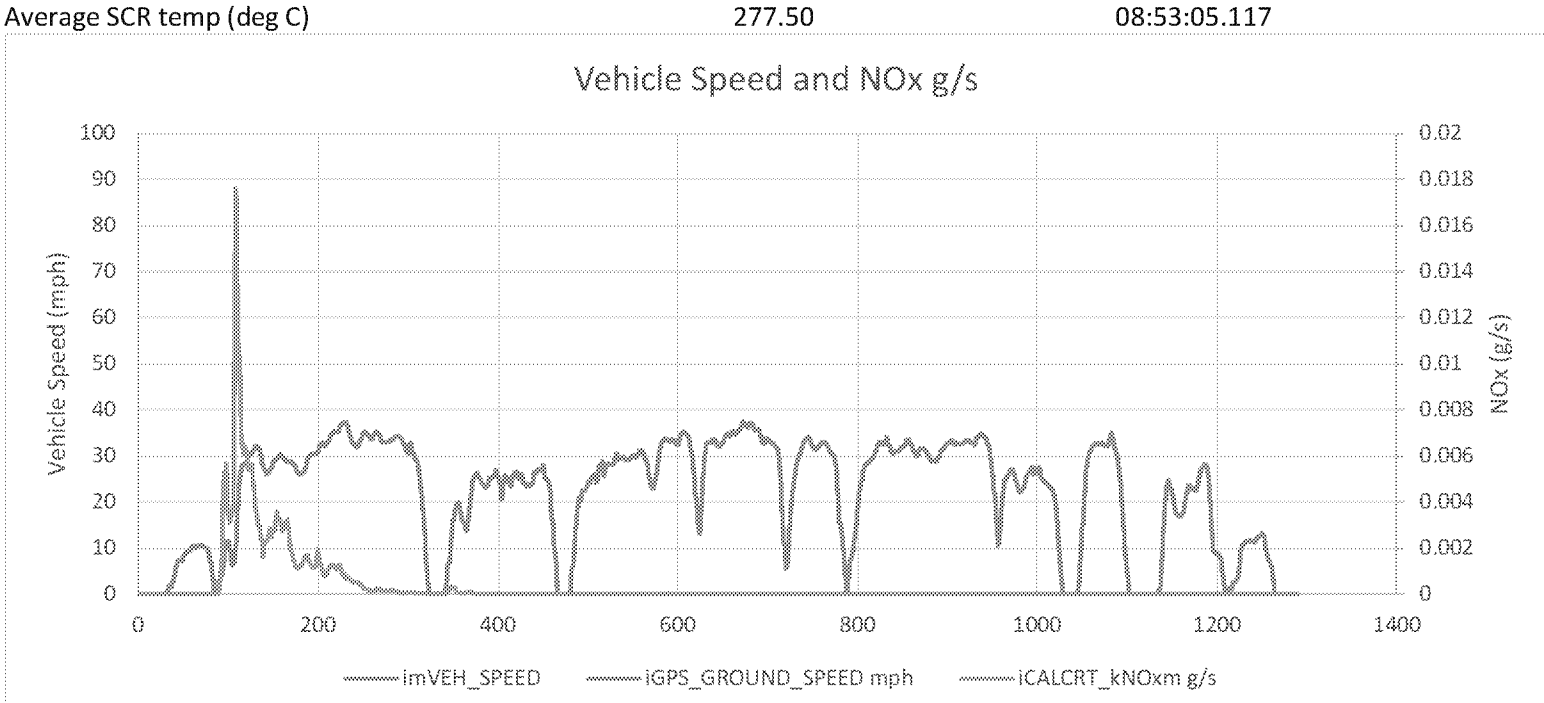
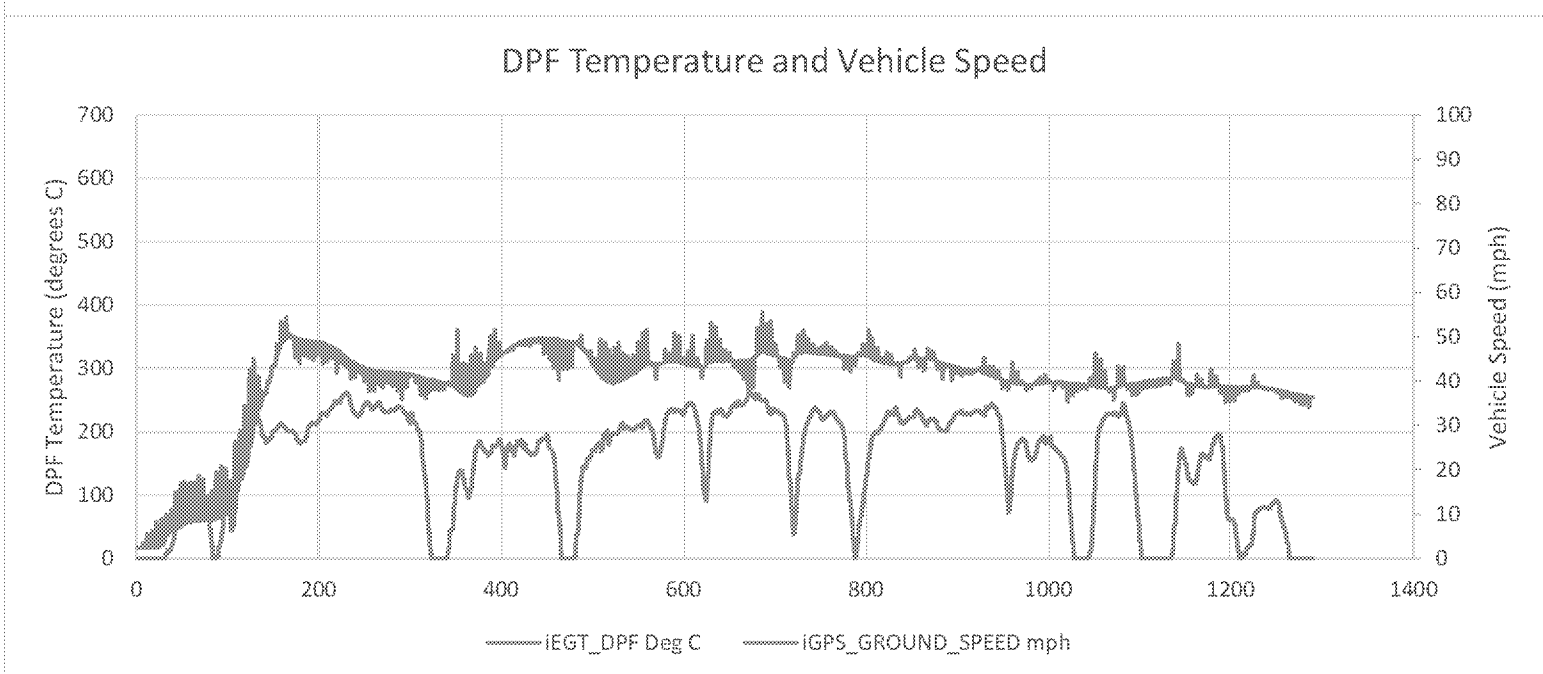
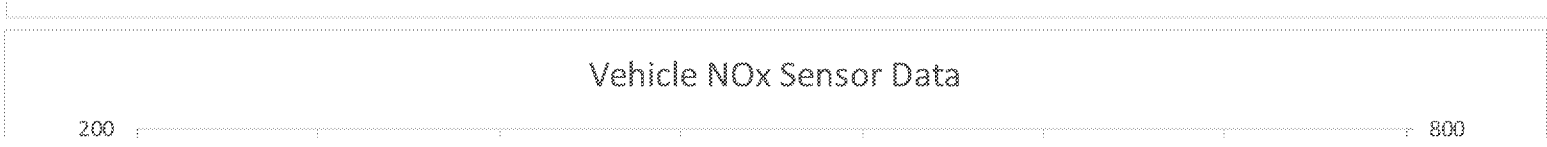
		44.2	1286
		33.6	1202
		36	1170







imVEH_SPEED	iMAF	iEGT_11	iEGT_DPF	iGPS_GROUND_SPEED	iWfgps	iCALCRT_kNOxm	iCALCRT_HCm	iSCB_LAT	ikNOxzw	iNOX_B1S1
	g/s	Deg C	Deg C	mph	gal/s	g/s	g/s	deg C	ppm	ppm
			17.3	0	0.000001	0	0.00001	16	0	
			17.3	0	0	0	0	16	0	
			17.3	0	0	0	0	16	0	
			17.3	0	0	0	0	16	0	
			17.3	0	0	0	0	16	0	
			17.3	0	0.000008	0	0.00002	16	0	
			23.302908	0	0.000053	0	0.00002	16	0	
			18.973911	0	0.000058	0	0.00002	16	0	
			17.3	0	0.00005	0	0.00001	16	0	-1
			17.3	0	0.000045	0	0.00004	16	0	-1
			17.3	0	0.000042	0	0.00006	16	0	-1
			38.572132	0	0.000038	0	0.00007	16	0	-1
			24.285183	0	0.000037	0	0.00005	16	0	-1
			17.3	0	0.000036	0	0.00003	16	0	
			17.3	0	0.000036	0	0.00005	16	0	
			17.3	0	0.000037	0	0.00004	16	0	
			43.776378	0	0.000041	0	0.00007	16	0	
		106.826203	33.58498	0	0.000046	0	0.00008	16	0	
		109.461058	17.514481	0	0.000052	0	0.00011	16	0	-1
		112.095913	17.3	0	0.000059	0	0.00012	16	0	-1
		114.730768	17.3	0	0.000068	0	0.00014	16	0	-1
		117.365622	57.664659	0	0.000079	0	0.00018	16	0	-1
			23.139074	0	0.000089	0	0.00018	16	0	
			18.148567	0	0.000121	0	0.00025	16	0	
			18.564783	0	0.000135	0	0.00025	16	0	
			18.7	0	0.000153	0	0.00028	16	0	
			62.329817	0	0.000161	0	0.0003	16	0	
			40.041592	0	0.000178	0	0.0003	16	0	
			22.956522	0	0.00017	0	0.00026	16	0	
			25.531096	0	0.000168	0	0.00021	16	0	
			28.842999	0.1	0.000172	0	0.0002	16	0	
			60.516514	0.7	0.000174	0	0.00012	16	0	
			68.540137	0.9	0.000173	0	0.00012	16	0	
			37.119574	1.8	0.000179	0	0.00011	16	0	
			38.538235	1.8	0.000186	0	0.00012	16	0	
			39.444618	1.6	0.000196	0	0.00016	16	0	
			59.087661	1.7	0.000217	0	0.00016	16	0	
			76.575173	2.6	0.000225	0	0.00018	16	0	
			42.217953	2.8	0.000236	0	0.00017	16	0	
			43.469802	3.9	0.000237	0	0.0002	16	0	
			44.69876	4.2	0.000234	0	0.00018	16	0	
			68.132784	6	0.00028	0	0.0002	16	0	
			104.567476	6.2	0.000292	0	0.00027	16	0	
			48.63875	7.2	0.00032	0	0.00047	16	0	
			49.834804	7.2	0.000346	0	0.00065	16	0	
			50.349951	7.2	0.000368	0	0.00065	16	0	
			53.992833	7.2	0.000373	0	0.00066	16	0	
			118.826934	7.2	0.000317	0	0.00052	16	0	
			53.3	7.3	0.000251	0	0.00038	16	0	-1
			53.3	8.1	0.000213	0	0.0003	16	0	-1
			53.86551	8.2	0.000185	0	0.00023	16	0	-1
			55.466286	8.9	0.000175	0	0.00021	16	0	-1
		210.066382	120.708649	8.9	0.000174	0	0.00018	16	0	-1
		212.649258	54.99029	9.2	0.000178	0	0.00023	16	0	-1
		215.232133	55.418868	9.2	0.00019	0	0.00029	16	0	-1
		217.815009	55.920239	9.2	0.00022	0	0.00039	16	0	-1
		220.397885	66.908081	9.3	0.000264	0	0.00049	16	0	-1
			119.742688	9.6	0.000299	0	0.00055	16	0	-1
			57.229134	9.7	0.000293	0	0.00054	16	0	-1
			58.011302	10.4	0.000278	0	0.00051	16	0	-1
			58.5	10.4	0.000274	0	0.00052	16	0	-1

iNOX_B1S2	sDPF_REGEN	Accum kNOx
ppm	0/1	g
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-1	0	0
-1	0	0
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-1	0	0
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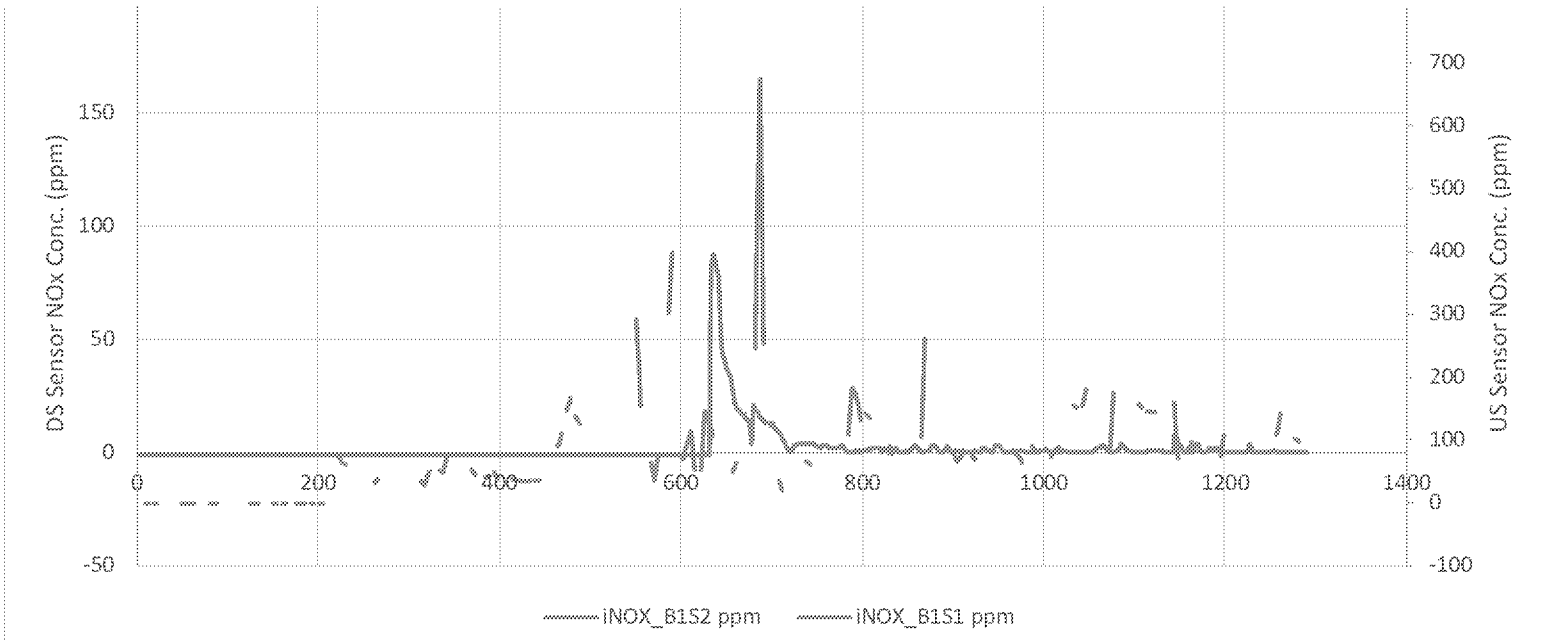

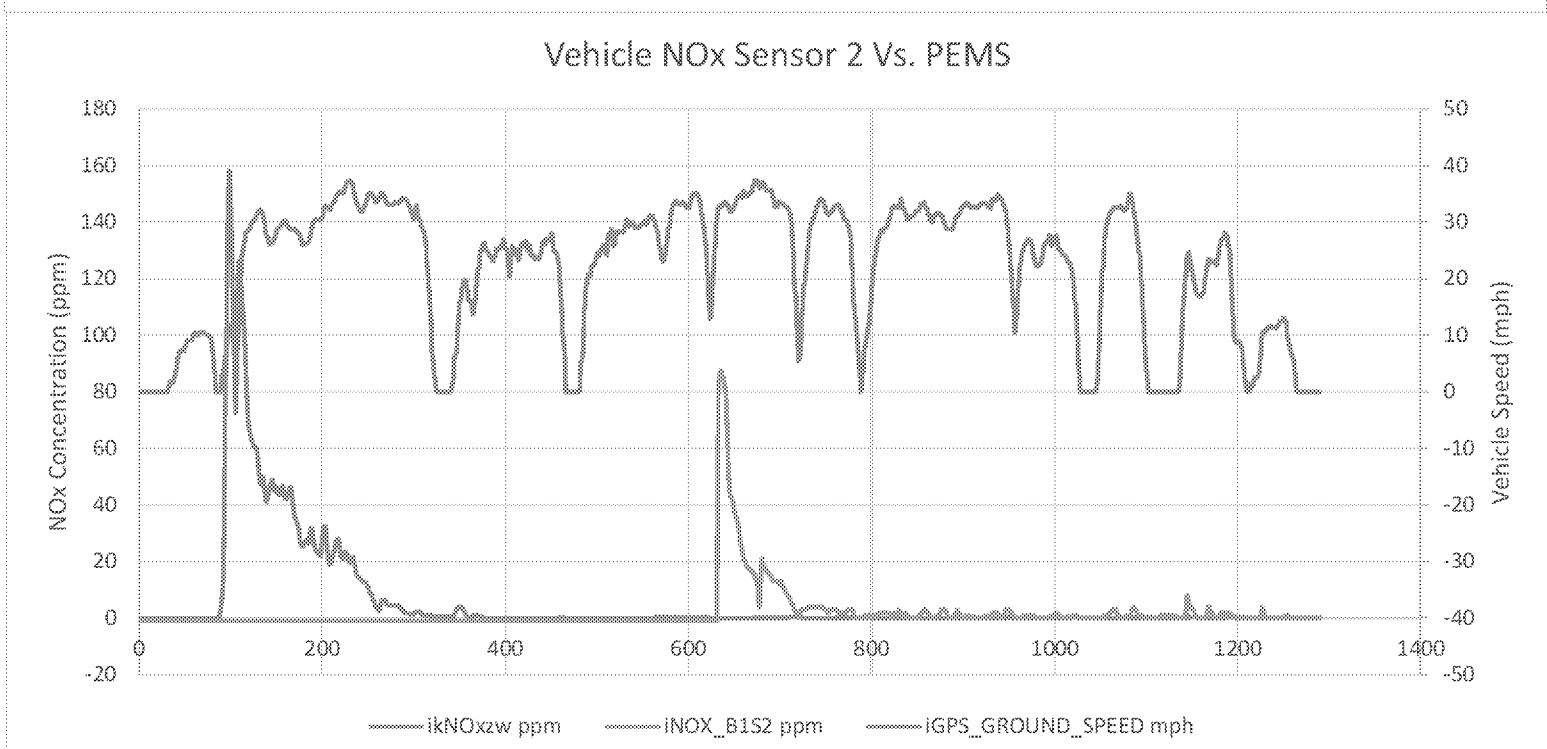

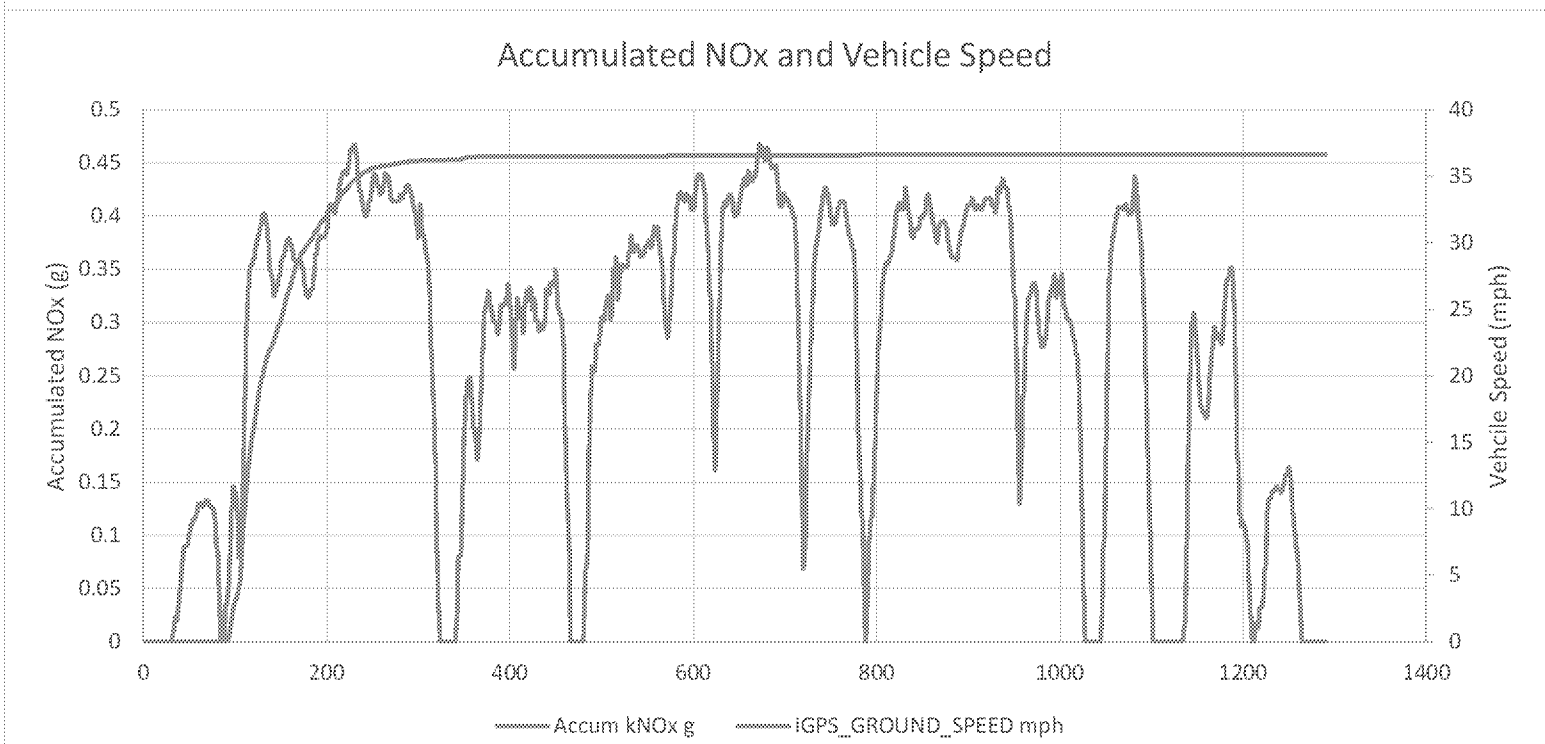

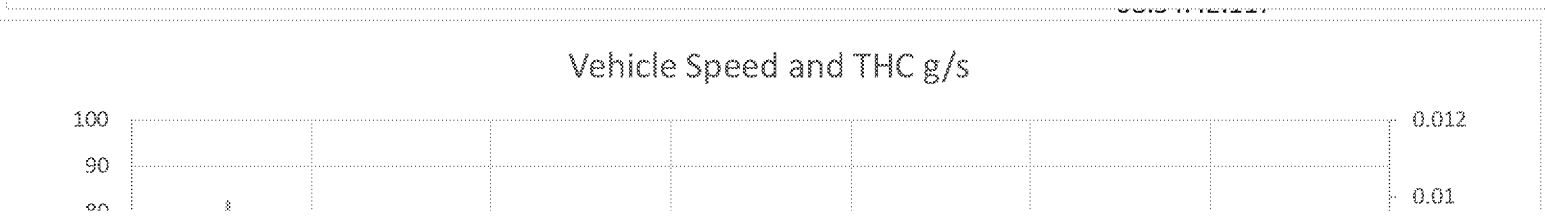

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31.4	1206
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30.9	1132
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30.3	1002
31.3	894
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53.5	841
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61	948
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50.7	2266
49.7	2296
51.5	2306
51.9	2322
50.7	2349

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	119.632446	10.4	0.000272	0	0.00045	16	0	-1
	58.637344	10.1	0.00027	0	0.0004	16	0	
	59.091613	10.1	0.000258	0	0.00039	16	0	
	58.590307	10.4	0.000253	0	0.00045	16	0	
	65.315918	10.4	0.000244	0	0.00052	16	0	
	130.389618	10.6	0.000241	0	0.00056	16	0	
	59.6	10.6	0.000236	0	0.00054	16	0	
	59.6	10.6	0.000227	0	0.00052	16	0	
	60.042079	10.5	0.000218	0	0.00047	16	0	
	60.1	10.2	0.000214	0	0.00051	16	0	
	124.637461	10.2	0.000211	0	0.00054	16	0	
	69.896271	10.1	0.000205	0	0.00054	16	0	
	60.43989	10.1	0.000182	0	0.00048	16	0	
	60.6	10	0.000164	0	0.00042	16	0	
	60.6	9.9	0.000158	0	0.0004	16	0	
	98.429199	9.3	0.000152	0	0.00036	16	0	
189.226786	75.636084	9	0.000157	0	0.00036	16	0	
191.799265	60.6	7.1	0.000162	0	0.00035	16	0	-1
194.371744	60.6	6.7	0.000157	0	0.00032	16	0	-1
196.944222	60.852041	4	0.000155	0	0.00034	16	0	-1
199.516701	106.715857	3.4	0.000156	0	0.00028	16	0	-1
202.073301	75.560131	0	0.000164	0	0.00027	16	0	-1
204.627121	61.975808	0	0.000185	0	0.00027	16	0	-1
207.180941	62.1	0	0.000207	0	0.00027	16	0	-1
209.734762	62.58617	0	0.000228	0.00001	0.00029	16	0.4	-1
	137.015189	0	0.000237	0.00005	0.00032	16	1.7	-1
	65.584298	0.4	0.000225	0.00009	0.00033	16	3.3	
	63.7	2.8	0.000204	0.00014	0.00033	16	5.6	
	64.478431	2.9	0.000287	0.0003	0.00056	16	8.6	
	65.452918	3.8	0.000412	0.00072	0.00103	16	14.3	
	146.105935	4.1	0.000539	0.00203	0.00202	16	32.7	
	83.083716	6.1	0.000624	0.00462	0.00344	16	69.9	
	70.845293	6.6	0.000494	0.00532	0.00351	16	105.2	
	71.734161	9.9	0.000349	0.00478	0.00309	16	132.9	
	72.549756	10.1	0.000333	0.0053	0.00367	16	150.8	
	141.213613	11.6	0.000332	0.00566	0.0047	16	158.3	
	108.514314	11.6	0.000228	0.00395	0.00484	16	157.4	
	73.70566	11.4	0.000218	0.00362	0.00569	16	146.1	
	74.181118	11.2	0.000204	0.00325	0.0056	16	135.3	
	74.715837	9.9	0.000202	0.0031	0.00563	16	122.9	
	122.229188	9.4	0.000255	0.00366	0.00729	16	104.6	
	111.784031	6.4	0.000262	0.00331	0.00713	16	83	
	77.822881	6.5	0.000368	0.00376	0.007	16	72.6	
	80.302941	6.9	0.000539	0.0052	0.00619	16	82.6	
	84.592468	7.3	0.001121	0.01284	0.00958	16	111.1	
	153.065559	10.1	0.0014	0.01761	0.00986	16	126.3	
418.282146	184.000426	11.2	0.001336	0.01714	0.00788	16	124.7	
421.78417	105.898644	18	0.001096	0.01455	0.0058	16	121.4	
425.286194	110.924701	18.7	0.000794	0.0109	0.00408	16	119.3	
428.788219	114.259785	23.8	0.00077	0.01048	0.00398	16	116	
432.290243	194.61436	24.2	0.000785	0.01034	0.00398	16	110.4	
	202.002718	26.5	0.000657	0.00825	0.00333	16	103.8	
	126.028934	26.7	0.000579	0.00681	0.00285	16	97	
	128.991667	28.1	0.000592	0.00643	0.00312	16	89.6	
	132.454122	28.1	0.000612	0.00606	0.00332	16	81.4	
	173.370313	28.3	0.000718	0.0064	0.00376	16	74.1	
	239.625198	28.4	0.000764	0.0063	0.00369	16	69.6	
	146.372283	28.8	0.000779	0.00614	0.00325	16	67.2	
	152.21869	28.9	0.000753	0.00576	0.00299	16	65.6	
	159.116	29.6	0.000737	0.00542	0.00264	16	64.2	
	177.644501	29.7	0.000786	0.00549	0.00268	16	62.8	
457.022788	298.190948	30.2	0.00082	0.00557	0.00267	16	61.5	

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-1	0	0.14239
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-1	0	0.16779
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-1	0	0.18028
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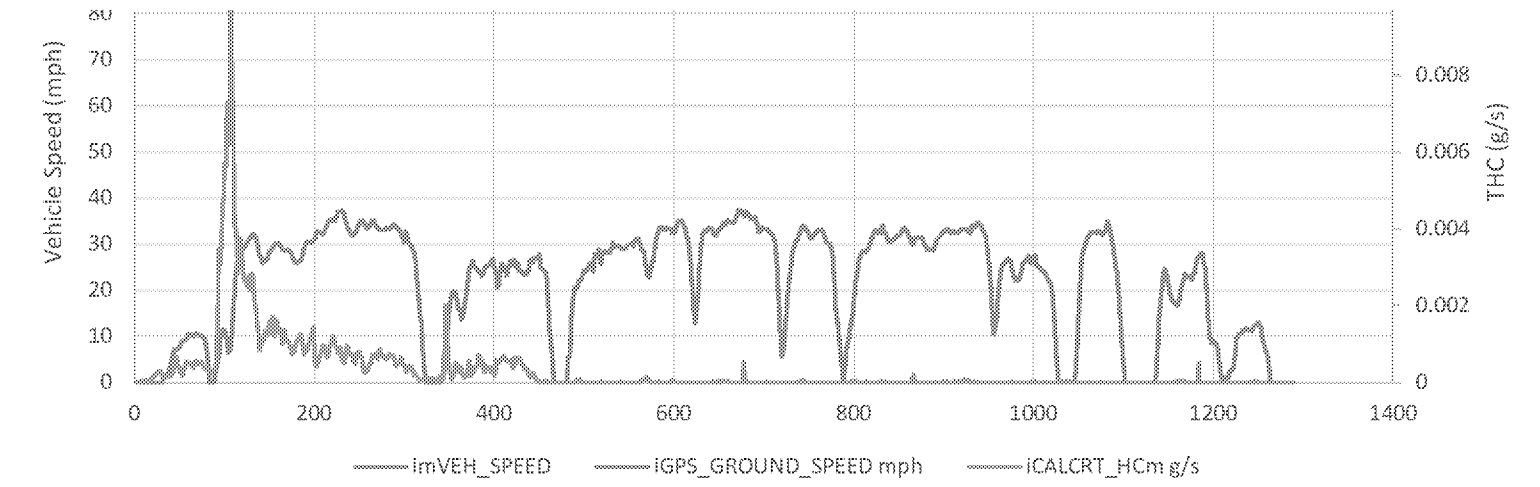

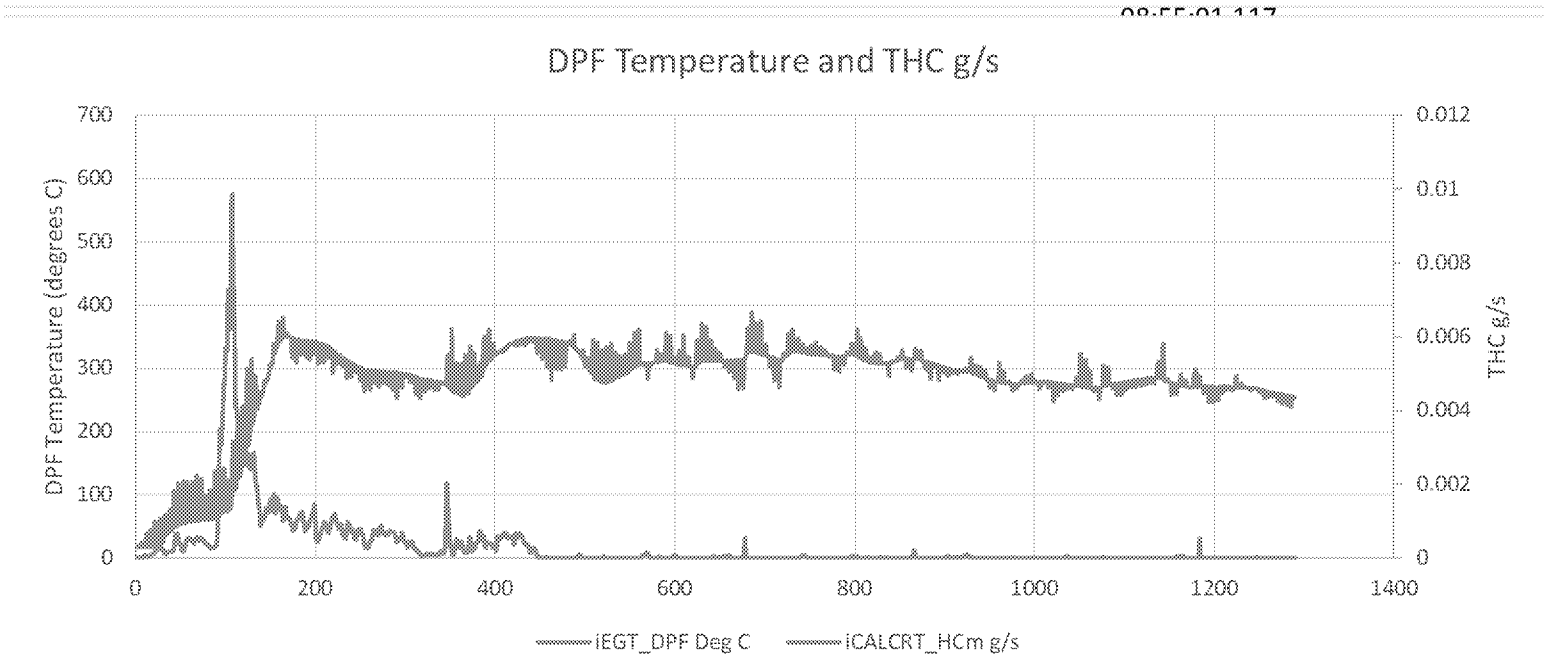

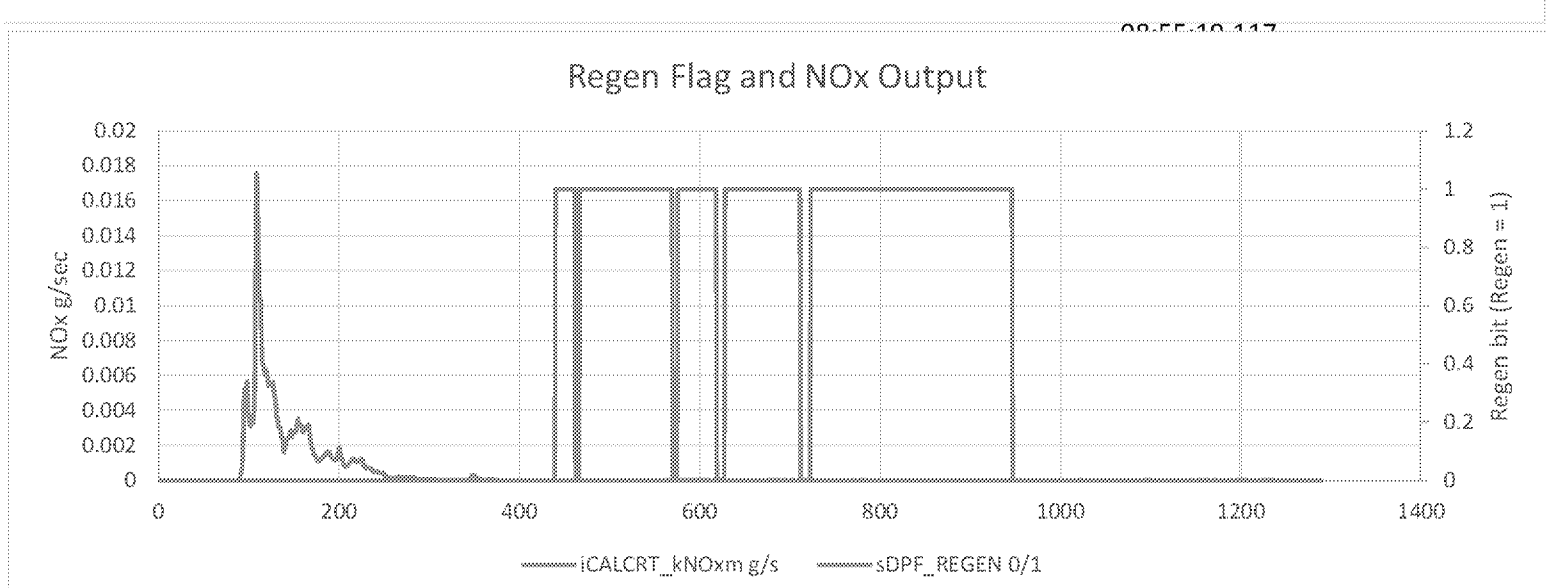

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	37.1	2318
	28.7	2192
	18.8	2021
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	13.3	1861
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	16.6	1590
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	47.7	2218
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	49.8	2275
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	53.2	2178
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	41.6	2003
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459.325818	177.652	30.3	0.00081	0.00538	0.0025	16	60.7	-1
461.628848	184.282891	30.7	0.000831	0.0054	0.00262	16	60.3	-1
463.931879	191.874512	30.8	0.000877	0.00564	0.0028	16	60.2	-1
466.234909	203.496871	31.2	0.000721	0.00471	0.00241	16	60.1	-1
462.589899	314.441429	31.3	0.000739	0.00472	0.00269	16	58.4	-1
443.419858	211.445844	32.1	0.000589	0.00369	0.00269	16	55.2	-1
424.249818	217.277998	32.1	0.000558	0.0036	0.00283	16	51	-1
405.079777	222.38383	32.2	0.0005	0.00336	0.00283	16	47.8	-1
385.909737	236.670588	32.1	0.00044	0.00299	0.00236	16	47.4	-1
	287.660399	31.5	0.000376	0.00301	0.00207	16	49	-1
	236.837719	31.3	0.000256	0.00295	0.00188	16	50	
	241.537037	30.3	0.000185	0.00261	0.00153	16	47	
	244.717812	30	0.00015	0.00237	0.00141	16	44.2	
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	263.208841	27.9	0.000121	0.00161	0.00085	16	41.1	
	255.847059	27.4	0.000166	0.00194	0.00095	16	42.2	
	258.896644	27.2	0.000172	0.00231	0.00103	16	43.9	
	263.068367	26	0.000222	0.00232	0.00102	16	44.1	
	269.403153	26.1	0.000274	0.00236	0.00104	16	46.6	
	280.825196	26.4	0.000301	0.00245	0.00117	16	48.4	
	276.61877	26.4	0.000294	0.00255	0.00118	16	48.8	
	280.325394	26.7	0.000309	0.00286	0.00135	16	46.8	
	285.837634	26.8	0.000362	0.00254	0.00123	16	45.1	
	290.674731	27.4	0.000389	0.0025	0.0013	16	46	
314.856802	303.429242	27.6	0.000405	0.0027	0.00143	16	46.7	
324.32377	300.885609	28.7	0.000404	0.00283	0.00157	16	45.8	-1
333.790739	304.252636	28.7	0.000398	0.00273	0.00139	16	44.1	-1
343.257707	308.695732	28.9	0.000437	0.00277	0.00127	16	43.8	-1
352.724676	313.850976	29	0.000575	0.00323	0.00161	16	43.6	-1
	339.134721	29.3	0.000699	0.00356	0.00173	16	43.9	-1
	324.443471	29.4	0.000634	0.0032	0.00134	16	45.7	
	328.978264	29.9	0.000623	0.00316	0.00121	16	46.8	
	332.357609	30	0.000653	0.00323	0.00142	16	46.5	
	335.112071	30.3	0.000661	0.00314	0.00164	16	44.3	
	373.810114	30.3	0.000615	0.00287	0.00142	16	42.5	
	341.774265	30	0.000576	0.00272	0.00132	16	42.3	-1
	343.481795	29.9	0.000579	0.00278	0.00131	16	42.3	-1
	345.717659	29.5	0.000611	0.00299	0.00139	16	42.8	-1
	346.841813	29.4	0.000607	0.00307	0.00124	16	44.2	-1
	380.521453	28.8	0.000556	0.00291	0.00102	16	45.8	-1
	349.540256	28.8	0.000548	0.00294	0.00108	16	46.2	
	349.640312	28.7	0.000602	0.00323	0.00128	16	45.8	
	349.8	28.7	0.00054	0.00278	0.00137	16	42.8	
	349.8	28.7	0.000449	0.00229	0.00118	16	39.5	
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	351.154167	28.8	0.000305	0.00183	0.00105	16	36	
	349.304273	28.7	0.000289	0.00176	0.00108	16	34.9	
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	348.57998	28.3	0.000226	0.00144	0.00092	16	33.7	
	317.426364	28	0.00019	0.00137	0.00094	16	31.4	
262.851701	336.777326	27.8	0.000154	0.0012	0.00075	16	27.8	
260.094607	347.236943	26.9	0.000153	0.00114	0.00079	16	26	-1
257.337513	346.400477	26.8	0.00016	0.0011	0.00078	16	25.5	-1
254.580419	346.2	26.1	0.000183	0.00115	0.00084	16	25.4	-1
251.823325	308.423866	26.1	0.000223	0.00121	0.00096	16	25.3	-1
	335.363592	25.9	0.000266	0.00127	0.00103	16	26.1	-1
	345.5	26	0.000274	0.0012	0.00105	16	26.9	-1
	344.625248	26.4	0.000288	0.00127	0.00107	16	27.4	-1
	344	26.4	0.000284	0.0014	0.00119	16	27.4	-1
	321.738144	26.5	0.000331	0.00147	0.00125	16	26.6	-1
	334.249216	26.6	0.00038	0.00151	0.00121	16	26.7	-1
	343.3	27.4	0.000413	0.00166	0.00109	16	28.9	
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	341.8	30.5	0.000299	0.0013	0.00129	15.1	22	
	328.760011	30.6	0.000409	0.00163	0.00145	16	23.5	
265.653177	322.664379	31	0.000512	0.00194	0.00106	16	28	
257.626421	341.497458	31.2	0.000367	0.00157	0.00052	15.9	31.8	-1
249.599666	341.1	32.5	0.000269	0.00129	0.00042	15.1	32.5	-1
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233.546154	307.628461	32.9	0.00019	0.00112	0.00055	15.1	28.9	-1
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	338.817128	32.5	0.000146	0.00082	0.00064	15	21.6	
	338.2	32.5	0.000163	0.0008	0.00072	15	19.9	
	337.852778	32.2	0.000199	0.00081	0.00084	15	19.1	
	310.845825	32.3	0.000236	0.00082	0.00094	15	19	
	316.890244	32.8	0.000273	0.0009	0.00096	15.1	19.6	
	336.322361	32.9	0.0003	0.00101	0.00098	16	20.8	
	335.39618	33.4	0.000324	0.00107	0.00084	15.9	22.4	
	334.5	33.5	0.000346	0.00113	0.0008	15.1	24	
	323.575408	34.3	0.000357	0.00119	0.00067	16	26.1	
	316.329524	34.4	0.000366	0.00126	0.0007	16	27.7	
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	331.551275	35	0.000332	0.00123	0.00081	16	28.1	
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	286.622318	32.5	0.000279	0.00053	0.00073	15.9	14.7	
	307.298998	32.4	0.000287	0.00053	0.00078	15.1	14.4	
	306.130384	32	0.000287	0.00051	0.00075	15.9	13.9	
	305.337573	32	0.000304	0.0005	0.0007	15.1	13.3	
	304.62	32.2	0.000301	0.00047	0.00053	16	13.1	
	293.590612	32.3	0.000302	0.00044	0.0005	15.9	12.9	
	302.933725	33	0.000323	0.00047	0.00061	15	12.8	
	302.62339	33.1	0.000304	0.00047	0.00074	15	12.7	
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	301.068633	33.9	0.000261	0.0004	0.00077	15	11.6	
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	293.919921	34.9	0.000187	0.0003	0.00074	15.2	10.2	
	299.750588	35.2	0.000149	0.00026	0.00068	16	9.3	
	299.102178	35.2	0.000119	0.00023	0.00065	15.9	8.5	
	298.8	34.9	0.000081	0.0002	0.00052	15	7.8	
	263.285442	34.8	0.000051	0.00016	0.00037	15.2	6.7	
	271.056909	34.3	0.000034	0.00013	0.00026	16	6	
	296.8	34.2	0.000032	0.00015	0.00029	16	5.3	
	296.544152	33.6	0.000032	0.00014	0.00027	16	4.5	
	296.341881	33.6	0.000041	0.00012	0.00029	16	3.7	
	279.867565	33.7	0.000096	0.00012	0.00038	16	3	
202.464072	265.665322	33.8	0.000155	0.0001	0.00044	16	2.7	
205.230952	295.918364	34.4	0.000205	0.00009	0.00052	16	2.6	31.761823
207.997832	295.5	34.5	0.000226	0.00013	0.0005	16	4	33.273375
210.764712	295.5	35.2	0.000235	0.0002	0.00065	16	5.7	34.784928
213.531592	276.294283	35.2	0.000217	0.00021	0.00074	16	6.3	36.29648
213.658746	281.322521	35.1	0.000172	0.00019	0.00066	16	6.4	37.808033
212.36451	295.5	35	0.000175	0.0002	0.0007	16	6.4	
211.070273	295.5	34.4	0.000155	0.0002	0.00075	16	6.4	
209.776036	295.049362	34.2	0.000135	0.0002	0.00069	16	6.1	
208.4818	270.620341	33.3	0.000143	0.00019	0.00061	16	5.4	
	274.952832	33.3	0.00018	0.00017	0.00076	16	4.9	
	294.388824	33.1	0.000218	0.00016	0.00082	16	4.5	
	294	33.1	0.000239	0.00016	0.00087	16	4.4	
	294.274034	33.1	0.000236	0.00015	0.00078	16	4.4	
	283.540666	33.1	0.000244	0.00015	0.00068	16	4.4	
	276.948569	33.1	0.000257	0.00015	0.00066	16	4.4	
	294	33.1	0.00027	0.00016	0.00066	16	4.4	
	294	33.1	0.000282	0.00016	0.00069	16	4.5	
	293.872353	33.2	0.000284	0.00016	0.0006	16	4.5	
	289.226224	33.6	0.000273	0.00016	0.00062	16	4.5	
	273.67901	33.6	0.000264	0.00016	0.00062	16	4.5	
	293.3	33.4	0.000261	0.00017	0.0007	16	4.5	
	293.3	33.4	0.000256	0.00016	0.00075	16	4.4	
	293.3	33.6	0.000255	0.00014	0.00072	16	4	
	293.3	33.7	0.000244	0.00013	0.00072	16	3.7	
	265.101883	34.1	0.000227	0.00012	0.00071	16	3.5	
	292.743866	34.1	0.000192	0.0001	0.00071	16	3.3	
	293.248067	34.3	0.000159	0.00009	0.00068	16	3	
	292.768182	34.3	0.000138	0.00008	0.00062	16	2.6	
	292.7	34.1	0.000123	0.00007	0.00051	16	2.2	
	251.937345	34	0.000124	0.00006	0.00043	16	2	
	286.034966	33.7	0.000128	0.00005	0.00042	16	1.8	
	292	33.6	0.000142	0.00005	0.00047	16	1.6	
	291.542493	33	0.000148	0.00005	0.00052	16	1.5	
	291.3	32.9	0.000165	0.00005	0.00054	16	1.4	
	270.06396	32.2	0.000235	0.00006	0.00067	16	1.4	
	284.155961	32.1	0.000278	0.00005	0.00062	16	1.3	
	291.069018	31.3	0.000307	0.00005	0.0005	16	1.3	
	291.3	31.2	0.000358	0.00006	0.00046	16	1.3	
	290.830865	30.4	0.000353	0.00006	0.00043	16	1.6	
	287.379412	30.7	0.000366	0.00008	0.00045	16	2	
	288.646474	32.9	0.000334	0.00008	0.00033	16	2.2	
	289.607647	32.7	0.000285	0.00007	0.00027	16	2.3	
	289.3	31	0.000286	0.00007	0.00032	16	2.3	
	289.3	30.9	0.000231	0.00007	0.00038	16	2.3	
	278.455669	30.3	0.000199	0.00006	0.00044	16	2.2	
	278.70913	30.1	0.000187	0.00006	0.00043	16	2	
	287.8	29.2	0.000162	0.00004	0.00041	16	1.6	
	287.599349	29.1	0.00013	0.00003	0.00032	16	1.3	
	286.934151	28.7	0.000103	0.00002	0.00027	16	1.2	
	269.807216	28.5	0.000094	0.00002	0.0002	16	1	
196.102573	259.145054	27	0.000095	0.00002	0.0002	16	0.9	
190.111419	284.9799	26.4	0.000094	0.00002	0.00022	16	1	34.119145

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184.120265	284.5	22.3	0.000082	0.00002	0.00018	16	0.9	32.47576
178.129111	284.38803	21.8	0.000067	0.00002	0.00015	16	1	30.832375
172.137957	267.518352	18.4	0.000055	0.00002	0.00011	16	1	29.188989
173.748869	252.851904	17.8	0.000044	0.00002	0.0001	16	1.1	27.545604
181.757836	282.841914	14.3	0.000038	0.00002	0.00005	16	1	30.258537
189.766803	282.5	13.4	0.000042	0.00002	0.00006	16	0.9	35.136585
197.775769	282.140924	7	0.000068	0.00002	0.00007	16	0.8	40.014634
205.784736	263.337207	6.4	0.000095	0.00002	0.00007	16	0.7	44.892683
	265.707312	2.6	0.000127	0.00002	0.0001	16	0.7	49.770732
	281.7	2.2	0.000152	0.00001	0.00009	16	0.6	
	281.7	0	0.000168	0.00001	0.00012	16	0.6	
	281.7	0	0.000178	0.00001	0.0001	16	0.5	
	272.395918	0	0.000185	0.00001	0.00011	16	0.5	
	268.322307	0	0.000189	0.00001	0.00011	16	0.5	
	280.732578	0	0.000191	0.00001	0.0001	16	0.6	
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	279.7	0	0.000183	0.00002	0.00008	16	0.7	
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	265.75808	0	0.000186	0.00002	0.00008	16	0.7	
	278.902	0	0.000186	0.00002	0.00008	16	0.7	50.863984
	278.318667	0	0.000185	0.00002	0.00006	16	0.8	50.461569
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	277.479091	0	0.000183	0.00002	0.00007	16	0.8	49.65674
251.876315	266.154466	0	0.000184	0.00002	0.00008	16	0.8	49.254326
258.232422	277.483764	0	0.000189	0.00002	0.00012	16	0.7	50.941165
264.58853	277	0	0.000193	0.00002	0.0001	16	0.6	56.216068
270.944638	276.801667	0	0.000254	0.00002	0.00017	16	0.6	61.490972
277.300745	276.951701	0.2	0.000341	0.00002	0.00017	16	0.5	66.765875
	277.764612	1.6	0.000322	0.00002	0.00014	16	0.5	72.040779
	275.420517	2.2	0.000332	0.00003	0.00011	16	0.8	
	274.8	6.4	0.000449	0.00008	0.0003	16	1.6	
	274.769072	6.4	0.000796	0.00015	0.0011	16	1.9	
	279.34927	6.6	0.000968	0.00018	0.00203	16	2.1	
	320.552471	7.2	0.000976	0.00029	0.00168	16	3.4	
	271.326656	11.6	0.000948	0.00032	0.00103	16	3.9	
	270.222555	12.2	0.000948	0.00033	0.0007	16	4	
	269.571358	15.9	0.000921	0.00032	0.00042	16	4	
	267.583168	16.2	0.000909	0.0003	0.00026	16	3.8	
	361.022727	18.4	0.000767	0.00024	0.00021	16	3.6	
	268.147059	18.6	0.000528	0.00016	0.00009	16	3.2	
	264.249167	19.6	0.000394	0.0001	0.00008	16	2.6	
	263.47105	19.6	0.000374	0.00008	0.00016	16	2.1	
	262.199902	19.9	0.000378	0.00006	0.00034	16	1.6	
	308.044818	19.7	0.00042	0.00006	0.00051	16	1.2	
	270.12762	18.2	0.00039	0.00003	0.00043	16	0.8	
	259.524242	17.9	0.000365	0.00003	0.00029	16	0.7	
	258.687097	16.1	0.000394	0.00002	0.00027	16	0.5	
	258.5	16	0.000426	0.00002	0.0003	16	0.5	
	306.403929	15.7	0.000598	0.00003	0.00032	16	0.4	
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	257.1	13.7	0.000873	0.00004	0.00035	16	0.5	
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	257.1	15.4	0.000882	0.00008	0.00017	16	1	
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	296.523413	18.5	0.000917	0.00009	0.00021	16	1.1	
	260.55466	18.9	0.000936	0.00008	0.00014	16	1	53.216697
	262.137723	21.7	0.000994	0.00008	0.00031	16	0.9	50.993127
	264.249408	22.1	0.001033	0.00007	0.00046	16	0.8	48.769557
	333.673212	24.7	0.001025	0.00006	0.00056	16	0.6	46.545987
485.641253	306.381882	24.8	0.000802	0.00004	0.00039	16	0.5	44.322418
469.31802	271.299316	25.5	0.000523	0.00002	0.00018	16	0.4	
452.994788	272.984561	25.6	0.000455	0.00001	0.00022	16	0.1	
436.671556	274.898649	26.4	0.000444	0	0.00033	16	0	

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	278.669688	25.3	0.000362	0	0.00038	16	0	
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	281.766879	24.8	0.000354	0	0.00045	16	0	
	300.57737	24.1	0.00038	0	0.00068	16	0	
	307.64564	24.1	0.000409	0	0.00071	16	0	
	286.574194	23.9	0.00047	0	0.00072	16	0	40.260104
	288.465376	23.8	0.000639	0	0.00056	16	0	40.660264
	291.610623	23.1	0.000879	0	0.00045	16	0	41.060424
	321.512727	23.2	0.001071	0	0.00053	16	0	41.460584
	350.342943	23.7	0.000961	0	0.00056	16	0	41.860744
	302.754567	23.9	0.000479	0	0.00031	16	0	
	304.905476	25.3	0.00048	0	0.00027	16	0	
	306.587611	25.3	0.000547	0	0.00044	16	0	
	318.827115	25.1	0.000584	0	0.00037	16	0	
428.407984	360.63652	25.2	0.000594	0	0.00037	16	0	
416.553145	313.18	25.5	0.000603	0	0.00036	16	0	48.171134
404.698306	315.555113	25.6	0.000642	0	0.00038	16	0	46.109278
392.843468	317.337692	25.9	0.000538	0	0.00038	16	0	44.047423
380.988629	324.641804	26	0.000378	0	0.00027	16	0	41.985567
369.940083	339.398436	26.9	0.000234	0	0.00027	16	0	39.923711
360.43595	320.398728	26.7	0.000164	0	0.0003	16	0	
350.931818	321.579855	25.3	0.000157	0	0.00028	16	0	
341.427686	322.360718	25.1	0.000183	0	0.00018	16	0	
331.923554	323.890628	23.8	0.000269	0	0.00032	16	0	
	325.274656	23.4	0.000321	0	0.00058	16	0	
	325.047797	20.5	0.000349	0	0.00057	16	0	
	326.626151	21	0.000341	0	0.00057	16	0	
	327.446472	24.2	0.000325	0	0.00052	16	0	
	328.178335	24.4	0.000313	0	0.0006	16	0	
	326.746487	25.8	0.000304	0	0.0006	16	0	
	330.36036	25.6	0.000304	0	0.00067	16	0	
	330.910426	24.3	0.000315	0	0.00068	16	0	
	331.708717	24.4	0.000338	0	0.00068	16	0	
	332.926143	25.1	0.000359	0	0.00068	16	0	
325.493758	330.14982	24.8	0.000381	0	0.00059	16	0	
327.423943	336	23.2	0.0004	0	0.00063	16	0	36.924448
329.354127	336.053283	23.5	0.000404	0	0.00055	16	0	36.721896
331.284312	337.5	25.4	0.000395	0	0.00056	16	0	36.519344
333.214497	337.349228	25.5	0.00039	0	0.00056	16	0	36.316792
	337.376596	26.4	0.000388	0	0.00052	16	0	36.114239
	339.7	26.3	0.000432	0	0.0006	16	0	35.824264
	339.802941	25.7	0.000427	0	0.0005	16	0	35.421201
	341.136984	25.8	0.000357	0	0.00037	16	0	35.018138
	341.713492	26.6	0.000361	0	0.00039	16	0	34.615075
329.616157	337.230539	26.4	0.000387	0	0.00065	16	0	34.212011
327.317563	342.200424	25	0.000352	0	0.00059	16	0	34
325.018969	343.3	25.1	0.000331	0	0.00052	16	0	34
322.720375	343.549261	25.9	0.000325	0	0.00062	16	0	34
320.421781	337.303841	25.7	0.000324	0	0.00063	16	0	34
320.009579	340.274454	24.2	0.000321	0	0.00065	16	0	34
320.151337	344.8	24.2	0.00032	0	0.00058	16	0	34.165945
320.293094	344.8	24.2	0.000306	0	0.00055	16	0	34.372088
320.434852	345.234017	24.1	0.000303	0	0.00049	16	0	34.578231
320.57661	336.717044	23.4	0.000306	0	0.00043	16	0	34.784374
	342.712283	23.5	0.000311	0	0.00038	15.9	0	34.990517
	345.93388	23.9	0.000312	0	0.00035	15	0	
	346.637994	23.8	0.000312	0	0.00036	15.2	0	
	346.549119	23.5	0.00032	0	0.00033	16	0	
	340.691477	23.6	0.000354	0	0.00037	16	0	
	343.705296	24.1	0.000329	0	0.00027	15.9	0	
	347	24.4	0.000303	0	0.00018	15	0	35

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09:00:13.117	26.9	1430
09:00:14.117	27.4	1402
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09:00:17.117	43.8	1330
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09:00:24.117	45.3	778
09:00:25.117	40	769
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09:00:27.117	52.9	700
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09:00:33.117	44.9	681
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	347.314653	26.5	0.000305	0	0.00014	15.2	0	35
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	341.425142	26.1	0.000274	0	0.00024	15.1	0	35
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	346.719326	27.6	0.000098	0	0.00003	15	0	
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	314.462255	25	0.000101	0	0	15.9	0	
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	343.632863	10.2	0.000016	0	0	15	0.1	
214.097599	281.853932	9.9	0.000031	0	0	15	0.1	
219.814791	344.740671	7.8	0.000051	0	0	15	0.1	89.304214
225.531984	344.116159	6.7	0.00007	0	0	15	0	94.418781
231.249176	344	0	0.000094	0	0	15	0	99.533347
236.966368	343.367074	0	0.000111	0	0	15	0	104.647913
	299.092576	0	0.000126	0	0	15	0	109.76248
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	343.277872	0	0.000134	0	0	15	0	
	342.5	0	0.000129	0	0	15	0	
	339.013065	0	0.000129	0	0	15	0	
250.412681	299.06135	0	0.00013	0	0	15.1	0	
250.957036	342.5	0	0.00013	0	0	15.9	0	146.93372
251.501391	342.5	0	0.000135	0	0	15.1	0	151.697597
252.045746	341.841538	0	0.000134	0	0	15.9	0	156.461475
252.590101	339.831672	0	0.000139	0	0	15.1	0	161.225352
	302.971475	0	0.000171	0	0	16	0	165.989229
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	341.1	0.7	0.000454	0	0	15	0	
	341.302752	5.4	0.000769	0	0	15	0	
	343.274363	5.5	0.000825	0	0	15	0	
	339.60286	6	0.000686	0	0	15	0	137.29617
	338.341295	7.2	0.000536	0	0	15.1	0	134.28835
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	335.275876	15	0.000478	0	0	15.2	0	128.272709
	352.230785	18.5	0.000454	0	0	15.9	0	125.264889
	331.503675	18.8	0.000384	0	0	15	0	
	330.40907	20.7	0.000352	0	0	15.2	0	
	328.88241	20.7	0.000333	0	0	16	0	
	326.784706	20.4	0.000319	0	0.00006	15.9	0	
	325.245924	20.7	0.000305	0	0.00008	15	0	
	323.07681	22.4	0.000319	0	0.00007	15	0	
	321.177292	22.4	0.000376	0	0.00008	15	0	
	319.168087	22.3	0.000445	0	0.00003	15	0	
	317.038356	22.4	0.00051	0	0.00002	15	0	
	328.413228	23	0.000542	0	0	15	0	
	317.853568	23.2	0.000538	0	0.00001	15	0	
	307.272292	24.4	0.000332	0	0	15.1	0	
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	302.835143	24.2	0.000322	0	0	15	0	

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09:01:17.117	70.7	1560
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09:01:20.117	72.9	1547
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09:01:23.117	72.7	1534
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	295.849883	25.2	0.000606	0	0	16	0	
	293.691849	25.8	0.000641	0	0	16	0	
	291.787143	25.8	0.000661	0	0	16	0	
	302.257551	26	0.000682	0	0	15.9	0	
	345.144798	25.8	0.000694	0	0	15	0	
	286.248123	24.2	0.000687	0	0	15	0	
	284.580067	24.7	0.00065	0	0	15	0	
	283.197165	28	0.000596	0	0	15	0	
	283.273714	27.9	0.000511	0	0	15.1	0	
	340.866172	27.6	0.000464	0	0	15.9	0	
	280.3	27.8	0.000422	0	0	15	0	
	280.3	28.9	0.000416	0	0	15	0	
	279.771044	28.4	0.000413	0	0	15	0	
	279.083778	25.7	0.000409	0	0	15	0	
390.376365	329.209133	26	0.000412	0	0	15	0	
389.561369	278.25129	27.7	0.000416	0	0.00004	15	0	
388.746373	277.703987	27.8	0.00042	0	0.00002	15	0	
387.931377	278.291463	28.4	0.000431	0	0	15	0	
387.116381	277.613181	28.4	0.000445	0	0	15	0	
	332.35	28.2	0.000474	0	0	15	0	
	279.359804	28.2	0.0005	0	0	15	0	
	278.871191	28.2	0.000546	0	0	15	0	
	279	28.2	0.000602	0	0	15	0	
	279.541073	28.2	0.000648	0	0	15	0	
	339.88866	28.3	0.000682	0	0	15	0	
	289.794022	29.2	0.00064	0	0	15	0	
	282.052009	29.4	0.000572	0	0	15	0	
	282.5	30.5	0.000498	0	0	15	0	
	282.917647	30.3	0.00037	0	0	15	0	
	324.761043	29.3	0.000393	0	0	15	0	
	297.630694	29.3	0.000438	0	0	15	0	
	285.302971	29.6	0.000502	0	0	15	0	
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	286.909604	29.8	0.000491	0	0	15	0	
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	310.525867	29.5	0.00037	0	0	15	0	
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	289.783839	29	0.000385	0	0	15	0	
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	306.836708	29	0.000408	0	0	15	0	
	320.329775	29	0.000434	0	0	15	0	
	292.864062	29.1	0.000492	0	0	15	0	
	293.396267	29.2	0.000564	0	0	15	0	
	294.742319	29.6	0.000585	0	0	15	0	
	299.002968	29.7	0.000721	0	0	15	0	
394.58296	341.035496	30	0.000602	0	0	15	0	
400.16296	298.830739	30	0.000309	0	0	15	0	291.821235
405.74296	299.5	30.2	0.000304	0	0	15	0	257.636638
411.32296	299.689208	30.1	0.000445	0	0	15	0	223.452041
416.90296	306.538625	29.6	0.000678	0	0	15	0	189.267444
	356.558358	29.7	0.000742	0	0	15	0	155.082847
	303.288594	30.5	0.000664	0	0	15	0	
	304.382344	30.6	0.000583	0	0	15	0	
	305.92033	31.2	0.000508	0	0	15	0	
	305.400491	31.2	0.000535	0	0	15	0	
	360.855556	31.2	0.000658	0	0	15	0	
	315.126176	31.1	0.000587	0	0	15	0	
	308.008083	30.2	0.000273	0	0	15	0	
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	305.388739	29	0.000074	0.00001	0.00007	15	0.4	

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261.297743	307.020046	25.4	0.000024	0.00001	0.00014	15	0.4	48.07835
251.434004	284.154709	23.6	0.000029	0.00001	0.00014	15	0.4	40.36841
261.732024	307.491702	23.5	0.000043	0.00001	0.00012	15	0.4	35.766856
272.95799	306.898984	22.9	0.000105	0.00001	0.00005	15	0.4	45.921202
284.183957	306.802057	23.1	0.000173	0.00001	0.00003	15	0.3	56.075548
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366.936638	327.178863	34.8	0.000389	0.00001	0	15	0.2	84.359895
374.216524	311.372051	35.1	0.000395	0.00001	0	15	0.2	89.027653
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	314.924471	36.7	0.000609	0.00001	0.00028	15	0.1	
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	320.185083	36.2	0.000642	0.00001	0.0001	15	0.1	
	321.844868	37.1	0.000595	0.00001	0	15	0.1	
410.460614	363.588155	37.1	0.00072	0.00001	0	15	0.1	
423.305603	326.175421	36.9	0.000835	0.00001	0	15	0.1	245.983721
436.150591	324.891017	36.8	0.000769	0.00001	0	15	0.1	346.829387
448.99558	325.687141	36.1	0.000714	0.00001	0	15	0.1	447.675053
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	315.072826	30.4	0.000015	0.00001	0	15	0.4	
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	308.105792	17.3	0.000014	0.00001	0	15	0.4	
	312.6	11.4	0.000024	0.00001	0	15	0.4	
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	313.067343	5.5	0.000266	0.00001	0	15	0.3	
	323.983817	5.7	0.000726	0.00001	0	15	0.1	
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267.139307	311.31211	3.7	0.00012	0	0	15	0	160.729508
276.902628	305.76	0	0.000313	0	0	15	0	178.147541
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	309	31.1	0.000323	0	0	15	0	
	308.696768	31.2	0.000367	0	0	15	0	
	317.8258	32.3	0.000361	0	0	15	0	
	325.05368	32.4	0.000322	0	0	15	0	
	308.2	33	0.00031	0	0	15	0	
	308.086078	32.9	0.000301	0	0	15	0	
	307.5	32.5	0.000294	0	0	15	0	
	310.102802	32.6	0.000302	0	0	15	0	
342.31991	321.793649	33	0.000262	0	0	15	0	
335.172677	307.5	32.9	0.000217	0	0	15	0	78.908552
328.025444	307.5	32.5	0.000197	0	0.00003	15	0	78.703969
320.878211	307.632722	32.7	0.000183	0	0	15	0	78.499386
313.730978	308.304949	34.1	0.000181	0	0	15	0	78.294804
	308.25117	33.9	0.000171	0	0	15	0	78.090221
	307.5	32.5	0.000162	0	0	15	0	
	307.56537	32.4	0.000164	0	0.00002	15	0	
	308.2	31.9	0.000142	0	0	15	0	
	307.119503	31.7	0.000098	0	0.00001	15	0	
	287.807996	30.6	0.000083	0	0	15	0	
	308.2	30.6	0.000115	0	0	15	0	
	308.215467	30.4	0.000157	0	0	15	0	
	309.068302	30.5	0.000218	0	0	15	0	
	309.74449	31	0.00027	0	0	15	0	
	309.189804	31	0.000289	0	0	15	0	
	311.2	31	0.000293	0	0	15	0	
	311.2	31	0.000303	0	0	15	0	
	311.799211	31.2	0.000282	0	0	15	0	
	312.494235	31.3	0.000288	0	0	15	0	
	318.31102	31.9	0.000308	0	0	15	0	
	314.893774	31.9	0.000368	0	0	15	0	83
	314.590409	31.9	0.000404	0	0	15	0	83
	314.8	31.9	0.000433	0	0	15	0	83
	315.274588	32.1	0.000403	0	0	15	0	83
	329.336594	32.3	0.000345	0	0	15	0	83
	318.43114	33.3	0.000269	0	0	15	0	
	316.3	33.3	0.000216	0	0	15	0	
	316.3	33.6	0.000162	0	0	15	0	
	316.3	33.5	0.000112	0	0	15	0	
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	307.686997	32.8	0.000067	0	0	15	0	
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	314.8	32.2	0.00005	0	0	15	0	
	314.8	31.4	0.000037	0	0	15	0	
	296.276082	31.3	0.000058	0	0	15	0	
	297.472601	30.5	0.000141	0	0	15	0	
	315.111818	30.4	0.000353	0	0.00008	15	0	104.206022
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	315.5	30.1	0.0006	0	0.00021	15	0	182.160239
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376.946699	327.593407	31.2	0.000362	0	0.00001	15	0	260.114457
374.305642	315.5	31.5	0.000328	0	0	15	0	
371.664586	315.188804	31.5	0.000342	0	0	15	0	
369.023529	314.8	31.6	0.000349	0	0	15	0	
366.382473	327.174192	31.6	0.000321	0	0	15	0	
	325.092527	31.6	0.000204	0	0	15	0	
	312.965041	31.5	0.000155	0	0	15	0	
	312.346765	31.2	0.000125	0	0	15	0	
	311.658358	31.1	0.000099	0	0	15	0	
	303.253768	30.2	0.000074	0	0	15	0	
	298.943139	30.1	0.000058	0	0	15	0	
	309.8	29.5	0.000057	0	0	15	0	

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09:07:32.118	59.5	1391
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09:07:35.118	26.7	1436
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09:08:17.118	50.9	1465
09:08:18.118	52.7	1308
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09:08:23.118	67.9	1281
09:08:24.118	74.2	1272
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09:08:26.118	49.3	1249

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	304.703425	30.8	0.00018	0	0	15	0	
	303.980292	30.9	0.000132	0	0.00001	15	0	
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	300.567223	32.8	0.0002	0	0.00001	15	0	76.084238
	300.2	32.8	0.000185	0	0.00002	15	0	73.470647
	299.959118	32.9	0.000183	0	0.00001	15	0	70.857057
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	288.535091	33.3	0.000154	0	0.00002	15	0	65.629875
	298.8	32.8	0.000191	0	0.00001	15	0	67.165478
	298.8	32.8	0.000247	0	0	15	0	70.018545
	298.499412	32.5	0.000273	0	0	15	0	72.871612
	292.889184	32.5	0.000241	0	0	15	0	75.724679
	294.213675	32.8	0.000203	0	0	15	0	78.577746
	297.822153	32.8	0.000193	0	0.00003	15	0	
	297.5	32.6	0.000172	0	0.00001	15	0	
	297.5	32.6	0.000177	0	0.00002	15	0	
	291.667183	32.5	0.000206	0	0.00001	15	0	
	291.061373	32.5	0.000217	0	0	15	0	
	297.083529	32.7	0.000235	0	0	15	0	
	297.30365	32.8	0.000247	0	0	15	0	
	296.625867	33.1	0.000247	0	0.00003	15	0	
	295.644912	33.1	0.000268	0	0	15	0	
294.650145	295.019849	33.3	0.000285	0	0.00001	15	0	
298.908103	296.1	33.3	0.000313	0	0.00004	15	0	75.051016
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	316.416009	32.3	0.000548	0	0.00003	15	0	
	292.787583	32.6	0.000397	0	0.00001	15	0	
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	291.820531	34.1	0.000264	0	0	15	0	
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	303.720343	33.9	0.000217	0	0	15	0	
	289.838051	34.3	0.000217	0	0	15	0	
	289.3	34.4	0.000227	0	0	15	0	
	289.177789	34.8	0.000234	0	0	15	0	
	288.641443	34.7	0.000245	0	0.00001	15	0	
	301.85818	34.2	0.000267	0	0	15	0	
	286.5	34.2	0.000307	0	0	15	0	
	286.5	34.1	0.000303	0	0	15	0	
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	282.5	29.1	0.000062	0	0	15	0.2	
	269.380357	26.4	0.000046	0	0	15	0.3	
	271.468382	25.8	0.000034	0	0	15	0.3	
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	280.079941	21.5	0.000026	0	0	15	0.3	
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	270.851084	15.2	0.000064	0.00001	0	15	0.2	
	266.133641	10.4	0.000294	0.00001	0	15	0.2	
	278.584357	10.8	0.00067	0.00001	0	15	0.1	
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	277.994878	24.8	0.000212	0	0	15	0	
	293.435282	25.8	0.000183	0	0	15	0	
	276.3	25.8	0.0002	0	0	15	0	83.345058
	276.265488	26.1	0.00019	0	0	15	0	81.727916
	275.68626	26.2	0.00019	0	0	15	0	80.110774
	277.187243	26.9	0.000194	0	0	15	0	78.493633
282.886792	279.458261	26.9	0.000167	0	0	15	0	76.876491
274.442711	275.6	27	0.00014	0	0	15	0	74.757772
265.99863	275.6	26.9	0.000113	0	0	15	0	72.045483
257.554549	275.441471	26.5	0.000109	0	0.00001	15	0	69.333194
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245.340057	265.75386	24.5	0.000083	0	0.00002	15	0	63.908617
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291.871182	279.855531	23.9	0.000302	0	0	15	0	
295.886595	275.847162	24.1	0.00032	0	0	15	0	91.579681
299.902008	276.3	25.7	0.000321	0	0	15	0	89.155928
303.91742	276.3	25.8	0.000316	0	0	15	0	86.732175
307.932833	282.890724	26.4	0.000322	0	0	15	0	84.308423
	286.04542	26.5	0.000308	0	0	15	0	81.88467
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	277	26.9	0.000324	0	0	15	0	
	277.156442	27.6	0.000321	0	0	15	0	
	282.772551	27.4	0.000292	0	0	15	0	
	290.529348	25.9	0.000268	0	0	15	0	
	277.767788	26.1	0.000243	0	0.00001	15	0	
	278.3	27.2	0.000219	0	0	15	0	
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	277.923265	26.1	0.00019	0	0	15	0	
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	278.3	27.3	0.000128	0	0.00001	15	0.1	
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	270.370265	0	0.000106	0	0.00001	15	0.1	
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09:11:55.118	4.4	975
09:11:56.118	26.7	1136
09:11:57.118	42.8	1228
09:11:58.118	33.4	1210
09:11:59.118	38.4	1208
09:12:00.118	45.5	1203
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09:12:07.118	73.9	1552
09:12:08.118	78.2	1626
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09:12:24.118	39	1487
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09:12:27.118	54	1521
09:12:28.118	40.6	1538
09:12:29.118	5.7	1538
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276.137782	0	0.000116	0	0	15	0.1	
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297.541224	1.7	0.00087	0	0	15	0	
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286.056044	7.9	0.000917	0	0	15	0	
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284.698164	15	0.000664	0	0	15	0	
304.471341	19.8	0.000733	0	0	15	0	
338.391765	20.3	0.000713	0	0	15	0	
282.798388	23.8	0.000334	0	0	15	0	159.838879
281.596958	23.9	0.00013	0.00001	0	15	0.2	137.656987
280.3	24.7	0.000054	0	0	15	0.2	115.475096
280.472818	24.5	0.000034	0	0	15	0.2	93.293204
282.327059	23.2	0.000025	0	0	15	0.3	71.111313
278.690469	23	0.000022	0	0	15	0.3	
277.6	21.5	0.000021	0	0	15	0.3	
277.551176	21.2	0.000021	0	0	15	0.3	
275.610486	19.3	0.000019	0	0	15	0.3	
257.569521	19.1	0.000023	0.00001	0	15	0.3	
276.256695	17.7	0.000025	0.00001	0	15	0.3	
275.663475	17.6	0.00005	0.00001	0	15	0.3	
274.898232	17.3	0.000085	0.00001	0	15	0.3	
274.8	17.3	0.000101	0.00001	0.00002	15	0.3	
259.451492	17	0.000105	0	0.00002	15	0.2	
271.720776	17	0.000136	0.00001	0.00005	15	0.2	84.138805
273.5	16.8	0.0002	0.00001	0.00002	15	0.2	87.156307
273.042151	16.9	0.000284	0.00001	0.00004	15	0.2	90.173808
272.8	17.7	0.000364	0.00001	0.00001	15	0.2	93.19131
290.685561	18	0.000388	0.00001	0.00003	15	0.2	96.208811
274.901472	20	0.000417	0.00001	0.00002	15	0.1	
272.262037	20.3	0.000473	0	0.00004	15	0.1	
272.1	22	0.000436	0	0.00004	15	0.1	
272.1	22.2	0.000232	0	0	15	0.1	
281.702732	23.6	0.000124	0	0.00001	15	0.1	
274.152018	23.6	0.000095	0	0.00001	15	0.2	
271.037448	23.4	0.000092	0	0	15	0.2	
270.386931	23.3	0.000102	0.00001	0	15	0.2	
270.1	22.8	0.000111	0.00001	0	15	0.2	
269.926606	22.8	0.000125	0	0	15	0.2	
269.972353	23.1	0.000171	0.00001	0	15	0.2	
270.430167	23	0.000205	0	0.00001	15	0.1	
270.54956	22.4	0.000302	0	0	15	0.1	
270.34525	22.5	0.000449	0	0	15	0.1	
286.376074	23.5	0.00052	0	0	15	0.1	
297.717292	23.8	0.000511	0	0	15	0.1	
272.881818	25.5	0.000397	0	0	15	0.1	
271.5	25.7	0.000275	0	0	15	0.1	
271.5	27	0.000215	0	0	15	0.1	
275.579082	27.1	0.000208	0	0.00015	15	0.1	
287.209239	27.4	0.000238	0	0.00052	15	0.1	
271.638389	27.5	0.000225	0	0.00007	15	0.1	
272.1	28.1	0.000208	0	0	15	0.1	
272.1	28.1	0.000145	0	0	15	0.2	
271.000916	28	0.000102	0	0	15	0.2	
260.903813	27.7	0.000061	0.00001	0	15	0.3	
271.5	25.8	0.000038	0	0	15	0.3	
271.5	25.1	0.000026	0	0	15	0.3	
270.809785	20.5	0.000021	0	0	15	0.3	
270.8	19.7	0.000022	0	0	15	0.3	
246.849536	14	0.000022	0.00001	0	15	0.3	
270.259354	13.4	0.000025	0.00001	0	15	0.3	74.104972

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09:13:21.118	46.4	1277
09:13:22.118	44.1	1250
09:13:23.118	45.7	1281
09:13:24.118	47.7	1304
09:13:25.118	50.5	1360
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09:13:30.118	50	1481
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09:13:34.118	18.5	1102
09:13:35.118	18.5	918
09:13:36.118	24	850
09:13:37.118	31.3	794
09:13:38.118	34	788
09:13:39.118	36.5	795
09:13:40.118	37.5	778
09:13:41.118	37.6	737

270.8	9.6	0.00004	0.00001	0	15	0.3	82.289953
270.8	9.5	0.000051	0.00001	0	15	0.3	90.474933
270.8	8.7	0.000059	0.00001	0	15	0.3	98.659914
247.570899	8.7	0.000062	0.00001	0	15	0.3	106.844895
270.751572	9	0.000063	0.00001	0	15	0.3	
270.201258	8.9	0.000064	0.00001	0	15	0.3	
270.1	8.6	0.000065	0.00001	0	15	0.3	
270.1	8.5	0.000065	0.00001	0	15	0.3	
249.766498	7.8	0.000064	0.00001	0	15	0.3	
267.46673	7.4	0.000063	0.00001	0	15	0.3	
270.307686	4.6	0.000065	0.00001	0	15	0.3	
270.1	4.3	0.000073	0	0	15	0.3	
270.1	2.1	0.000087	0	0	15	0.2	
260.285102	1.8	0.000094	0	0	15	0.2	
266.492647	0	0.000106	0	0	15	0.2	
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270.407553	0	0.000119	0	0	15	0.2	
270.503238	0.2	0.000122	0	0	15	0.2	
265.235918	1.3	0.000132	0	0	15	0.2	
266.381386	1.3	0.000137	0	0	15	0.2	
270.438861	1	0.000141	0	0	15	0.2	
270.8	1.2	0.000119	0	0	15	0.2	
270.540243	2.5	0.000116	0	0	15	0.2	
266.881734	2.5	0.000118	0	0	15	0.2	
265.553897	2.6	0.000127	0	0	15	0.2	
270.1	2.7	0.000163	0	0	15	0.1	
270.26	3.1	0.000299	0	0	15	0.1	
270.8	3.4	0.000426	0.00001	0	15	0.2	
277.98427	5.3	0.000547	0.00001	0	15	0.2	
288.610198	5.9	0.000409	0.00001	0	15	0.2	
270.631697	9.8	0.000214	0.00001	0	15	0.2	
270.159126	9.9	0.000135	0.00001	0	15	0.2	
270.8	10.7	0.000115	0.00001	0	15	0.2	
271.116033	10.7	0.000141	0.00001	0	15	0.2	
276.427255	10.7	0.000176	0.00001	0	15	0.2	
270.1	10.8	0.000193	0.00001	0	15	0.2	
270.1	11.3	0.000187	0.00001	0	15	0.2	
270.1	11.3	0.000179	0	0	15	0.2	
269.602053	11.4	0.000178	0.00001	0	15	0.2	
269.452854	11.4	0.000172	0.00001	0	15	0.2	
269.496569	11.7	0.000163	0.00001	0	15	0.2	
268.952941	11.7	0.000168	0.00001	0	15.1	0.2	
268.8	11.5	0.000165	0	0	15.9	0.1	
268.8	11.5	0.000165	0	0	15	0.1	
266.264556	11.4	0.000176	0	0.00001	15	0.1	
267.534192	11.4	0.00017	0	0	15	0.1	
268	11.2	0.000185	0	0	15	0.1	
268	11.3	0.000191	0	0	15	0.1	
268	11.9	0.000193	0	0	15	0.1	
268.028061	12	0.000199	0	0	15	0.1	
267.630882	12.5	0.000203	0	0	15	0.1	
267.3	12.5	0.000202	0	0.00003	15	0.1	
267.082728	12.5	0.000192	0	0	15	0.1	
266.7	12.6	0.000179	0	0.00002	15	0.1	
264.010251	13.1	0.000159	0	0.00001	15	0.1	
262.084158	13	0.000121	0	0	15	0.1	
265.3	12.5	0.000104	0	0	15	0.1	
265.126561	12.1	0.000079	0	0	15	0.1	
264.6	9.7	0.000061	0	0	15	0.1	
257.711111	9.5	0.000053	0	0	15	0.1	
252.902818	8.4	0.000054	0	0	15	0.1	
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	255.094554	0	0.000097	0	0	15	0.1	
	260.5	0	0.000085	0	0	15	0.1	
	260.5	0	0.000081	0	0	15	0.1	
	260.377432	0	0.000079	0	0	15	0.1	
	257.67943	0	0.000076	0	0	15	0.1	
	248.268793	0	0.000073	0	0	15	0.1	
	259.1	0	0.000071	0	0	15	0.1	
	259.1	0	0.000071	0	0	15	0.1	
	258.528852	0	0.00007	0	0	15	0.1	
	258.5	0	0.000071	0	0	15	0.1	
227.164341	243.652376	0	0.000072	0	0	15	0.1	
226.371013	257.776083	0	0.000073	0	0	15	0.1	101.791969
225.577685	257.19275	0	0.000073	0	0	15	0.1	100.756986
224.784357	257.1	0	0.000073	0	0	15	0.1	99.722004
223.991029	256.488864	0	0.000073	0	0	15	0.1	98.687021
	242.324411	0	0.000073	0	0	15	0.1	97.652039
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	254.845773	0	0.000073	0	0	15	0.1	
	239.366667	0	0.000074	0	0	15	0.1	
	255	0	0.000074	0	0	15	0.1	
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0	0	0.45791
0	0	0.45791
0	0	0.45791
0	0	0.45791
0	0	0.45791
0	0	0.45791