

# Reporte de Datos Satelitales Scorpio

Altitud	Presion	Temperatura	Velocidad	Aceleracion	Tiempo	AclX	AclY	AclZ	GiroX	GiroY	GiroZ	Lat	Long	Altgps	AltMAX
2115.338	783.6638	23.27481	9.711804	1.224077e-05	793398.0	-0.02758789	0.02685547	0.9899902	2.931298	-0.8015267	-0.2061069	2008.07869	9822.97779	2124.6	2127.5
2115.661	783.6322	23.26992	9.699829	1.220368e-05	794828.0	-0.02685547	0.02612305	0.9887695	2.580153	-0.5725191	-0.2900764	2008.07857	9822.9777	2124.2	2127.5
2115.373	783.6602	23.32832	9.74773	1.222412e-05	797418.0	-0.02807617	0.02270508	0.9936523	2.664122	-0.389313	-0.06870229	2008.07842	9822.97773	2123.9	2127.5
2115.307	783.6668	23.3332	9.69504	1.213628e-05	798848.0	-0.02148438	0.02294922	0.9882813	2.854962	-0.7175572	-0.1832061	2008.0779	9822.97748	2123.5	2127.5
2115.994	783.5999	23.5082	9.666299	1.179654e-05	819418.0	-0.0222168	0.02416992	0.9853516	2.740458	-0.3129771	-0.01526718	2008.07723	9822.97661	2125.3	2.0
2116.305	783.5694	23.52285	9.78605	1.192188e-05	820848.0	-0.02514648	0.02368164	0.9975586	2.793893	-0.5038168	-0.1068702	2008.07723	9822.97661	2125.3	2127.5
2116.041	783.5952	23.54219	9.74773	1.183828e-05	823408.0	-0.02392578	0.02441406	0.9936523	2.572519	-0.519084	-0.1984733	2008.0778	9822.97703	2128.8	2127.5
2116.078	783.5915	23.5957	9.678274	1.169696e-05	827418.0	-0.02319336	0.02441406	0.9865723	2.694656	-0.4656488	0.06870229	2008.07755	9822.97689	2131.4	2127.5
2115.888	783.6101	23.59082	9.683064	1.168256e-05	828848.0	-0.02319336	0.03173828	0.9870605	3.015267	-0.8167939	0.03053435	2008.07693	9822.97748	2121.7	2127.5
2116.345	783.5656	23.70762	9.692644	1.143853e-05	847368.0	-0.0234375	0.02490234	0.9880371	2.625954	-0.6717557	-0.2213741	2008.07535	9822.97605	2123.0	2127.0
2116.697	783.5311	23.64434	9.64714	1.126636e-05	856278.0	-0.02612305	0.02661133	0.9833984	2.603053	-0.3282443	-0.1145038	2008.07498	9822.97673	2124.4	2127.5
2116.496	783.5508	23.65899	9.7621	1.136267e-05	859138.0	-0.02148438	0.02124023	0.9951172	2.664122	-0.648855	-0.2519084	2008.07498	9822.97673	2124.4	2127.5
2116.361	783.5638	23.66875	9.651929	1.12159e-05	860558.0	-0.02319336	0.02319336	0.9838867	2.816794	-0.6259542	-0.03816794	2008.0762	9822.97728	2127.7	2127.5
2116.134	783.586	23.61035	9.750125	1.129391e-05	863308.0	-0.02246094	0.02368164	0.9938965	2.656489	-0.4274809	-0.1679389	2008.07661	9822.977327999999	2125.72	2127.5
2115.687	783.6298	23.60547	9.69504	1.121711e-05	864308.0	-0.0246582	0.02294922	0.9882813	2.70229	-0.3358779	-0.2748091	2008.077028622.977375999999	9822.977375999999	2123.74	2127.5
2116.202	783.5795	23.60547	9.623189	1.112124e-05	865298.0	-0.02734375	0.02172852	0.980957	2.603053	-0.5343512	-0.2977099	2008.077442	9822.977424	2121.76	2127.5
2116.068	783.5925	23.61523	9.656719	1.114711e-05	866298.0	-0.02099609	0.02490234	0.984375	2.824427	-0.5801527	-0.3129772008.077855999999	9822.977472	2119.78	2127.5	
2115.161	783.681	23.625	9.685459	1.11674e-05	867298.0	-0.02490234	0.02661133	0.9873047	2.770992	-0.3969466	-0.1832061	2008.07827	9822.97752	2117.8	2127.5
2115.801	783.6185	23.63457	9.707015	1.115944e-05	869848.0	-0.02490234	0.02197266	0.989502	2.648855	-0.1832061	-0.1603053	2008.07827	9822.97752	2117.8	2127.5
2115.621	783.6362	23.61035	9.711804	1.112836e-05	872708.0	-0.0234375	0.02148438	0.9899902	2.641221	-0.5877862	-0.3206107	2008.07827	9822.97752	2117.8	2127.5
2115.925	783.6064	23.64434	9.635164	1.10046e-05	875558.0	-0.02441406	0.02075195	0.9821777	2.770992	-0.5877862	-0.2748091	2008.07827	9822.97752	2117.8	2127.5
2115.724	783.6261	23.65899	9.711804	1.105602e-05	878418.0	-0.02441406	0.0234375	0.9899902	2.717557	-0.4503817	-0.2290076	2008.07827	9822.97752	2117.8	2127.5
2115.848	783.614	23.66875	9.457932	1.068032e-05	885548.0	-0.02539063	0.02490234	0.9641113	2.175573	-0.3358779	-0.1755725	2008.07827	9822.97752	2117.8	2127.5
2115.78	783.6206	23.67363	9.77647	1.100448e-05	888408.0	-0.02416992	0.02319336	0.996582	2.587786	-0.4656488	-0.1984733	2008.07827	9822.97752	2117.8	2127.5
2116.601	783.5405	23.70762	9.7142	1.089943e-05	891258.0	-0.02612305	0.0222168	0.9902344	2.381679	-0.2977099	-0.07633588	2008.07827	9822.97752	2117.8	2127.5
2116.295	783.5704	23.67363	9.718989	1.085268e-05	895538.0	-0.02197266	0.02392578	0.9907227	2.549618	-0.4656488	0.01526718	2008.07827	9822.97752	2117.8	2127.5
2115.793	783.6194	23.6541	9.707015	1.080493e-05	898388.0	-0.01977539	0.02587891	0.989502	2.847328	-0.4503817	-0.2977099	2008.07827	9822.97752	2117.8	2127.5
2116.269	783.5731	23.60059	9.642349	1.068217e-05	902658.0	-0.02050781	0.02270508	0.9829102	2.854962	-0.4503817	-0.07633588	2008.07827	9822.97752	2117.8	2127.5

2115.238	783.6735	23.60059	9.534574	1.053058e-05	905418.0	-0.0234375	0.03051758	0.9719238	2.381679	0.1068702	-0.1374046	2008.07603	9822.97682	2119.9	2127.5
2116.184	783.5812	23.64434	9.74294	1.072694e-05	908268.0	-0.02246094	0.02587891	0.9931641	2.59542	-0.5419847	-0.2366412	2008.07746	9822.9766	2120.2	2127.5
2116.229	783.577	23.67852	9.704619	1.067159e-05	909388.0	-0.02441406	0.02172852	0.9892578	2.343511	-0.4580153	-0.2519084	2008.07746	9822.9766	2120.2	21.0
2116.276	783.5723	23.7125	9.759705	1.064868e-05	916518.0	-0.02539063	0.02368164	0.994873	2.832061	-0.6946565	-0.3206107	2008.07797	9822.9764	2120.8	2127.5
2115.965	783.6027	23.69785	9.68067	1.055289e-05	917348.0	-0.02197266	0.0246582	0.9868164	2.770992	-0.5801527	-0.1832061	2008.07797	9822.9764	2120.8	2127.5
2116.467	783.5536	23.71738	9.678274	1.053397e-05	918768.0	-0.02148438	0.02416992	0.9865723	2.641221	-0.7175572	-0.2061069	2008.07823	9822.97614	2120.7	2127.5
2116.123	783.587	23.76113	9.70941	1.045317e-05	928848.0	-0.02734375	0.0234375	0.9897461	2.916031	-0.6183206	-0.2290076	2008.07785	9822.97433	2122.8	2127.5
2115.848	783.614	23.8	9.642349	1.034933e-05	931688.0	-0.02514648	0.02050781	0.9829102	2.366412	-0.4885496	-0.04580153	2008.07785	9822.97433	2122.8	2127.5
2116.657	783.535	23.85352	9.589659	1.026139e-05	934538.0	-0.01953125	0.02734375	0.9775391	2.328244	-0.2519084	-0.4503817	2008.07778	9822.97552	2121.8	2127.5
2115.753	783.6233	23.86328	9.70941	1.038031e-05	935368.0	-0.0234375	0.02685547	0.9897461	2.206107	-0.3282443	-0.129771	2008.07778	9822.97552	2121.8	2127.5
2115.801	783.6185	23.89727	9.788445	1.035334e-05	945438.0	-0.02661133	0.02075195	0.9978027	2.732824	-0.4885496	-0.2442748	2008.07887	9822.9777	2122.1	2127.5
2115.6	783.6382	23.91191	9.656719	1.019859e-05	946868.0	-0.02587891	0.02514648	0.984375	2.625954	-0.5038168	-0.1526718	2008.07882	9822.97772	2122.2	2127.5
2115.526	783.6454	23.93613	9.802815	1.032486e-05	949438.0	-0.02368164	0.02319336	0.9992676	3.099237	-0.6717557	-0.1755725	2008.07832	9822.97727	2122.1	2127.5
2115.917	783.6074	24.05781	9.604029	9.989754e-06	961388.0	-0.02709961	0.02734375	0.9790039	2.549618	-0.4274809	-0.1526718	2008.0803	9822.97831	2121.4	2127.5
2116.089	783.5906	24.10156	9.821976	9.967522e-06	985398.0	-0.02612305	0.0222168	1.001221	2.717557	-0.5496183	-0.2366412	2008.08198	9822.97869	2122.6	2127.5
2116.023	783.597	24.10645	9.649534	9.778433e-06	986818.0	-0.02441406	0.02636719	0.9836426	2.770992	-0.519084	-0.09160305	2008.08174	9822.97864	2122.4	2127.5
2115.909	783.6082	24.07715	9.697434	9.807494e-06	988778.0	-0.0168457	0.02441406	0.9885254	2.480916	-0.5801527	-0.2137404	2008.08074	9822.9783	2122.3	2127.5
2115.727	783.6259	24.05293	9.618399	9.721367e-06	989408.0	-0.02319336	0.02905273	0.9804688	2.648855	-0.3740458	-0.2748091	2008.08074	9822.9783	2122.3	2127.5
2115.764	783.6222	24.10645	9.656719	9.706923e-06	994828.0	-0.02319336	0.02416992	0.984375	2.870229	-0.4732824	-0.2366412	2008.08035	9822.97793	2121.8	2127.5
2115.375	783.6602	24.11602	9.716595	9.753091e-06	996258.0	-0.02563477	0.02587891	0.9904785	2.70229	-0.4351145	-0.02290076	2008.0797	9822.97768	2121.9	2127.5
2115.87	783.6119	24.15508	9.70941	9.720997e-06	998808.0	-0.02441406	0.02441406	0.9897461	2.717557	-0.4122138	-0.3587786	2008.0797	9822.97768	2121.9	2127.5
2115.383	783.6594	24.09668	9.754915	9.625946e-06	1013398.0	-0.02368164	0.02368164	0.9943848	2.717557	-0.5343512	-0.3206107	2008.07498	9822.97594	2125.2	2127.5
2115.954	783.6037	24.11133	9.613608	9.473141e-06	1014828.0	-0.02734375	0.02148438	0.9799805	2.603053	-0.2977099	-0.1832061	2008.07458	9822.97572	2128.2	2127.5
2115.899	783.6091	24.09668	9.611214	9.452525e-06	1016788.0	-0.0168457	0.01757813	0.9797363	2.48855	-0.6870229	-0.1755725	2008.07458	9822.97572	2128.2	2127.5
2115.621	783.636	24.13555	9.745335	9.557548e-06	1019648.0	-0.01196289	0.05151367	0.9934082	1.19084	1.465649	-0.1603053	2008.07458	9822.97572	2128.2	2127.5
2115.87	783.6119	24.15508	9.733359	9.519197e-06	1022498.0	-0.02661133	0.02514648	0.9921875	2.824427	-0.5801527	-0.2748091	2008.07458	9822.97572	2128.2	2127.5
2115.93	783.6061	24.16953	9.663904	9.424907e-06	1025358.0	-0.02441406	0.02392578	0.9851074	2.679389	-0.4503817	-0.07633588	2008.07458	9822.97572	2128.2	2127.5
2115.18	783.6791	24.11133	9.68067	9.389064e-06	1031058.0	-0.02758789	0.02490234	0.9868164	2.343511	-0.6183206	-0.3053435	2008.07458	9822.97572	2128.2	2127.5
2115.814	783.6174	24.14043	9.697434	9.379398e-06	1033908.0	-0.02661133	0.0246582	0.9885254	2.984733	-0.6183206	-0.2290076	2008.07458	9822.97572	2128.2	2127.5
2115.88	783.611	24.13555	9.81958	9.471337e-06	1036768.0	-0.02539063	0.02001953	1.000977	2.854962	-0.7557252	-0.2061069	2008.07458	9822.97572	2128.2	2127.5
2116.512	783.5494	24.16465	9.783655	9.42378e-06	1038188.0	-0.02563477	0.02392578	0.9973145	2.816794	-0.4656488	-0.2137404	2008.07458	9822.97572	2128.2	2127.0

2115.603	783.6378	24.17441	9.759705	9.38778e-06	1039618.0	-0.0222168	0.02636719	0.994873	2.984733	-0.6793893	-0.09160305	2008.07458	9822.97572	2128.2	2127.5
2115.286	783.6688	24.15996	9.66151	9.267831e-06	1042478.0	-0.02099609	0.0246582	0.9848633	2.725191	-0.5801527	-0.2137404	2008.07458	9822.97572	2128.2	2127.5
2115.661	783.6323	24.18906	9.754915	9.331828e-06	1045338.0	-0.02807617	0.02197266	0.9943848	3.19084	-0.519084	-0.1450382	2008.07458	9822.97572	2128.2	2127.5
2115.328	783.6648	24.21328	9.66151	9.217256e-06	1048198.0	-0.02319336	0.02392578	0.9848633	2.580153	-0.480916	-0.2137404	2008.07458	9822.97572	2128.2	2127.5
2116.157	783.5837	24.22793	9.77168	9.296994e-06	1051058.0	-0.02685547	0.02734375	0.9960938	2.625954	-0.4885496	-0.1755725	2008.07458	9822.97572	2128.2	2127.5
2115.957	783.6033	24.24258	9.745335	9.246767e-06	1053918.0	-0.02172852	0.02587891	0.9934082	3.015267	-0.3435115	-0.1374046	2008.07458	9822.97572	2128.2	2127.5
2115.185	783.6788	24.24258	9.721385	9.19908e-06	1056778.0	-0.02368164	0.02880859	0.9909668	2.473282	-0.6335878	-0.1832061	2008.07458	9822.97572	2128.2	2127.5
2114.897	783.7067	24.16953	9.611214	9.070281e-06	1059638.0	-0.02294922	0.02612305	0.9797363	2.687023	-0.4274809	-0.1755725	2008.07458	9822.97572	2128.2	2127.5
2115.658	783.6324	24.05781	9.649534	9.081931e-06	1062498.0	-0.02490234	0.02758789	0.9836426	2.908397	-0.6793893	-0.3435115	2008.07458	9822.97572	2128.2	2127.5
2116.041	783.5952	23.93613	9.81958	9.217165e-06	1065358.0	-0.02197266	0.02587891	1.000977	2.900763	-0.7099237	-0.04580153	2008.07458	9822.97572	2128.2	2127.5
2115.592	783.639	23.8	9.764495	9.14092e-06	1068218.0	-0.02514648	0.02441406	0.9953613	2.427481	-0.3053435	-0.259542	2008.07458	9822.97572	2128.2	2127.5
2115.045	783.6923	23.72715	9.623189	8.984666e-06	1071068.0	-0.02001953	0.02563477	0.980957	2.458015	-0.5648855	-0.3358779	2008.07458	9822.97572	2128.2	2127.5
2115.621	783.6362	23.7416	9.678274	9.012033e-06	1073928.0	-0.02099609	0.02734375	0.9865723	2.748092	-0.6183206	-0.1526718	2008.07458	9822.97572	2128.2	2127.5
2115.78	783.6206	23.67363	9.685459	8.994769e-06	1076788.0	-0.02416992	0.02490234	0.9873047	2.748092	-0.4656488	-0.2977099	2008.07458	9822.97572	2128.2	2127.5
2115.888	783.6101	23.59082	9.726174	9.00857e-06	1079658.0	-0.02172852	0.02758789	0.9914551	2.40458	-0.4122138	-0.2137404	2008.07458	9822.97572	2128.2	2127.5
2115.125	783.6847	23.57148	9.74294	9.012162e-06	1081088.0	-0.02246094	0.02124023	0.9931641	2.603053	-0.4503817	-0.1374046	2008.07458	9822.97572	2128.2	2127.5
2116.004	783.5988	23.48867	9.687855	8.925871e-06	1085368.0	-0.02392578	0.02612305	0.9875488	2.770992	-0.6717557	-0.03053435	2008.07458	9822.97572	2128.2	2127.5
2115.637	783.6345	23.57148	9.7142	8.903223e-06	1091088.0	-0.02270508	0.02075195	0.9902344	2.847328	-0.4656488	-0.2213741	2008.07458	9822.97572	2128.2	2127.5
2115.544	783.6437	23.63457	9.697434	8.853048e-06	1095378.0	-0.02539063	0.02539063	0.9885254	2.40458	-0.7251908	-0.1908397	2008.07458	9822.97572	2128.2	2127.5
2115.399	783.6577	23.66387	9.75252	8.880152e-06	1098238.0	-0.02856445	0.01928711	0.9941406	2.954198	-0.8473283	-0.3664122	2008.07458	9822.97572	2128.2	2127.5
2115.925	783.5812	23.64434	9.69504	8.804884e-06	1101098.0	-0.0246582	0.02368164	0.9882813	2.633588	-0.5496183	-0.1832061	2008.07458	9822.97572	2128.2	2127.5
2115.629	783.6353	23.59082	9.764495	8.844988e-06	1103958.0	-0.02709961	0.02636719	0.9953613	2.763359	-0.6183206	-0.09160305	2008.07458	9822.97572	2128.2	2127.5
2115.933	783.6057	23.625	9.718989	8.687148e-06	1118778.0	-0.02490234	0.02172852	0.9907227	2.343511	-0.4732824	-0.1145038	2008.07918	9822.97784	2123.2	2127.5
2115.534	783.6446	23.6541	9.75252	8.696441e-06	1121438.0	-0.02294922	0.02416992	0.9941406	2.832061	-0.480916	-0.2290076	2008.07898	9822.97795	2123.2	2127.5
2115.455	783.6523	23.67852	9.697434	8.636385e-06	1122858.0	-0.02490234	0.0246582	0.9885254	2.709924	-0.4427481	0.03053435	2008.07956	9822.97833	2123.2	2127.5
2115.479	783.6501	23.63945	9.651929	8.58088e-06	1124818.0	-0.03222656	0.02441406	0.9838867	2.854962	-0.4961832	-0.09923664	2008.07956	9822.97833	2123.2	2127.5
2115.888	783.6101	23.59082	9.668694	8.576266e-06	1127378.0	-0.02270508	0.01782227	0.9855957	2.519084	-0.4351145	-0.4503817	2008.08079	9822.97887	2123.2	2127.5
2115.772	783.6213	23.56172	9.716595	8.607836e-06	1128808.0	-0.02587891	0.0222168	0.9904785	2.587786	-0.5419847	-0.4045802	2008.08176	9822.97883	2123.7	2127.5
2115.944	783.6046	23.47422	9.697434	8.556449e-06	1133348.0	-0.02514648	0.02636719	0.9885254	2.564885	-0.5496183	-0.2748091	2008.08337	9822.97935	2123.9	2127.5
2115.621	783.6362	23.4791	9.702225	8.549888e-06	1134778.0	-0.02612305	0.02124023	0.9890137	2.290076	-0.519084	-0.1984733	2008.08524	9822.98009	2123.3	2127.5
2115.679	783.6306	23.49356	9.721385	8.547339e-06	1137358.0	-0.02392578	0.02001953	0.9909668	2.503817	-0.7709923	-0.1450382	2008.08558	9822.98028	2123.2	2127.0

2115.582	783.64	23.55684	9.659114	8.477309e-06	1139408.0	-0.02246094	0.02441406	0.9846191	2.847328	-0.6412213	-0.2671756	2008.08575	9822.98041	2123.2	2127.5
2115.706	783.628	23.5666	9.673484	8.483741e-06	1140238.0	-0.01757813	0.0144043	0.986084	2.480916	-0.5267176	-0.3053435	2008.08575	9822.98041	2123.2	2127.5
2115.637	783.6345	23.57148	9.565708	8.382457e-06	1141158.0	-0.02368164	0.02270508	0.9750977	2.725191	-0.6870229	-0.1984733	2008.08575	9822.98041	2123.2	2127.0
2114.971	783.6996	23.62012	9.687855	8.466569e-06	1144248.0	-0.02514648	0.02416992	0.9875488	2.641221	-0.3282443	-0.2977099	2008.08576	9822.98067	2123.0	2127.5
2115.611	783.6373	23.62988	9.721385	8.488973e-06	1145178.0	-0.02124023	0.02197266	0.9909668	2.572519	-0.4503817	-0.2977099	2008.08576	9822.98067	2123.0	2127.5
2115.793	783.6194	23.6541	9.716595	8.474726e-06	1146538.0	-0.02319336	0.02539063	0.9904785	2.664122	-0.4732824	0.03053435	2008.08451	9822.97992	2122.8	2127.5
2115.344	783.6632	23.64922	9.702225	8.456071e-06	1147368.0	-0.02490234	0.02441406	0.9890137	3.007634	-0.8549618	-0.2290076	2008.08451	9822.97992	2122.8	2127.0
2115.209	783.6763	23.65899	9.750125	8.490936e-06	1148298.0	-0.02026367	0.02124023	0.9938965	2.847328	-0.7175572	-0.2061069	2008.08451	9822.97992	2122.8	2127.5
2115.589	783.6392	23.66875	9.707015	8.447288e-06	1149128.0	-0.02587891	0.02124023	0.989502	2.877863	-0.3969466	-0.02290076	2008.08451	9822.97992	2122.8	2127.5
2115.264	783.6708	23.67363	9.754915	8.478274e-06	1150578.0	-0.02685547	0.01733398	0.9943848	2.656489	-0.5572519	-0.2290076	2008.08464	9822.98005	2123.0	2127.5
2115.965	783.6027	23.69785	9.764495	8.469963e-06	1152838.0	-0.02807617	0.0234375	0.9953613	2.603053	-0.8015267	-0.2900764	2008.08464	9822.98005	2123.0	2127.5
2115.259	783.6716	23.69297	9.740545	8.440915e-06	1153968.0	-0.02539063	0.02368164	0.9929199	2.610687	-0.480916	-0.3129771	2008.08464	9822.98005	2123.0	2127.5
2115.259	783.6716	23.69297	9.73815	8.434234e-06	1154598.0	-0.02539063	0.02587891	0.9926758	2.870229	-0.519084	-0.1603053	2008.08453	9822.97992	2123.0	2127.5
2115.325	783.6651	23.68809	9.721385	8.413666e-06	1155428.0	-0.02783203	0.02514648	0.9909668	2.534351	-0.5496183	-0.1374046	2008.08453	9822.97992	2123.0	2127.5
2115.0	783.6967	23.69297	9.69504	8.384841e-06	1156258.0	-0.02246094	0.02709961	0.9882813	2.900763	-0.5572519	-0.2824428	2008.08453	9822.97992	2123.0	2127.5
2115.259	783.6716	23.69297	9.697434	8.380968e-06	1157078.0	-0.02490234	0.0222168	0.9885254	2.732824	-0.5267176	-0.1679389	2008.08453	9822.97992	2123.0	2127.5
2115.611	783.6373	23.76113	9.673484	8.309925e-06	1164088.0	-0.02539063	0.02758789	0.986084	2.717557	-0.4274809	-0.1679389	2008.08347	9822.97913	2123.1	2127.5
2115.476	783.6503	23.7709	9.72857	8.350574e-06	1165018.0	-0.02636719	0.02148438	0.9916992	2.633588	-0.2671756	-0.1145038	2008.08347	9822.97913	2123.1	2127.5
2115.793	783.6194	23.78535	9.68067	8.287549e-06	1168098.0	-0.02612305	0.02319336	0.9868164	2.839695	-0.4580153	-0.5114504	2008.08427	9822.97981	2123.1	2127.5
2116.24	783.5759	23.79023	9.632769	8.236247e-06	1169558.0	-0.02539063	0.02539063	0.9819336	2.656489	-0.2366412	0.01526718	2008.08526	9822.98089	2123.3	2127.5
2116.382	783.562	23.76113	9.721385	8.306122e-06	1170388.0	-0.02636719	0.02124023	0.9909668	2.770992	-0.2366412	-0.03816794	2008.08526	9822.98089	2123.3	2127.5
2115.925	783.6064	23.64434	9.707015	8.265243e-06	1174438.0	-0.02368164	0.02368164	0.989502	2.740458	-0.3664122	-0.129771	2008.0848	9822.9805	2123.4	2127.5
2115.811	783.6177	23.61523	9.718989	8.253722e-06	1177528.0	-0.02050781	0.02124023	0.9907227	2.801527	-0.610687	-0.2137404	2008.08503	9822.98059	2123.5	2127.5
2115.154	783.6818	23.64434	9.769285	8.290592e-06	1178358.0	-0.02539063	0.02270508	0.9958496	2.748092	-0.4045802	-0.3435115	2008.08503	9822.98059	2123.5	2127.5
2115.154	783.6818	23.64434	9.651929	8.184539e-06	1179288.0	-0.02563477	0.02050781	0.9838867	2.572519	-0.648855	-0.1603053	2008.08503	9822.98059	2123.5	2127.5
2115.154	783.6818	23.64434	9.72378	8.239667e-06	1180118.0	-0.02368164	0.02807617	0.9912109	2.48855	-0.4122138	-0.4503817	2008.08503	9822.98059	2123.5	2127.5
2115.714	783.6271	23.67852	9.673484	8.174951e-06	1183308.0	-0.02197266	0.02563477	0.986084	2.320611	-0.4427481	-0.0610687	2008.0835	9822.97947	2123.4	2127.5
2114.934	783.7032	23.69785	9.70941	8.199559e-06	1184138.0	-0.02416992	0.0246582	0.9897461	2.717557	-0.5496183	-0.1832061	2008.0835	9822.97947	2123.4	2127.5
2115.18	783.6791	23.71738	9.70941	8.189463e-06	1185598.0	-0.02026367	0.02563477	0.9897461	2.496183	-0.7709923	-0.2900764	2008.0831	9822.97923	2123.5	2127.5
2114.982	783.6985	23.73184	9.740545	8.209976e-06	1186428.0	-0.02172852	0.02026367	0.9929199	2.969466	-0.6030535	-0.1374046	2008.0831	9822.97923	2123.5	2127.5
2115.296	783.6679	23.74648	9.77168	8.22471e-06	1188088.0	-0.02148438	0.02246094	0.9960938	2.854962	-0.6335878	0.06870229	2008.0831	9822.97923	2123.5	2127.5

2115.344	783.6631	23.78047	9.699829	8.135338e-06	1192308.0	-0.02685547	0.02270508	0.9887695	2.694656	-0.4045802	-0.1603053	2008.08216	9822.97852	2123.5	2127.5
2115.523	783.6456	23.80488	9.735755	8.145998e-06	1195158.0	-0.02270508	0.02807617	0.9924316	2.954198	-0.4045802	-0.1374046	2008.08216	9822.97852	2123.5	2127.5
2115.151	783.7072	23.77578	9.766891	8.15254e-06	1198018.0	-0.02099609	0.02563477	0.9956055	2.656489	-0.4198473	-0.3282443	2008.08216	9822.97852	2123.5	2127.5
2115.439	783.6539	23.84863	9.616004	8.007478e-06	1200878.0	-0.02124023	0.02441406	0.9802246	2.625954	-0.3664122	-0.3129771	2008.08216	9822.97852	2123.5	2127.5
2114.847	783.7115	23.87285	9.663904	8.028245e-06	1203738.0	-0.01904297	0.02587891	0.9851074	2.641221	-0.7022901	-0.2137404	2008.08216	9822.97852	2123.5	2127.5
2115.219	783.6754	23.90215	9.666299	8.0112e-06	1206598.0	-0.02392578	0.02319336	0.9853516	2.992366	-0.8091603	-0.3358779	2008.08216	9822.97852	2123.5	2127.5
2115.219	783.6754	23.90215	9.893826	8.18038e-06	1209458.0	-0.02978516	0.01611328	1.008545	2.687023	-0.6564885	-0.3358779	2008.08216	9822.97852	2123.5	2127.5
2114.76	783.7202	23.9168	9.769285	8.067868e-06	1210888.0	-0.02368164	0.02416992	0.9958496	2.793893	-0.740458	-0.129771	2008.08216	9822.97852	2123.5	212.0
2115.201	783.6771	23.94102	9.78126	8.068296e-06	1212308.0	-0.02539063	0.02539063	0.9970703	2.641221	-0.5114504	-0.3969466	2008.08216	9822.97852	2123.5	2127.5
2115.457	783.652	23.94102	9.7621	8.043005e-06	1213738.0	-0.02563477	0.02636719	0.9951172	2.549618	-0.5877862	-0.3435115	2008.08216	9822.97852	2123.5	2127.5
2115.637	783.6345	23.96543	9.7142	7.994186e-06	1215158.0	-0.03100586	0.01489258	0.9902344	2.770992	-0.6030535	-0.1603053	2008.08216	9822.97852	2123.5	2127.5
2115.251	783.6724	23.975	9.175321	7.532993e-06	1218018.0	-0.02001953	0.03857422	0.9353027	3.625954	-1.358779	-0.07633588	2008.08216	9822.97852	2123.5	2127.5
2114.789	783.7173	23.98965	9.639954	7.886746e-06	1222298.0	-0.02368164	0.0246582	0.982666	2.862595	-0.7175572	-0.3129771	2008.08216	9822.97852	2123.5	2127.5
2115.497	783.6483	23.99453	9.831555	8.034101e-06	1223728.0	-0.02636719	0.02246094	1.002197	2.427481	-0.1221374	-0.01526718	2008.08216	9822.97852	2123.5	2127.0
2115.552	783.6428	24.00918	9.800421	7.999311e-06	1225158.0	-0.01879883	0.02197266	0.9990234	2.717557	-0.3664122	-0.1755725	2008.08216	9822.97852	2123.5	2127.5
2115.362	783.6613	24.0043	9.656719	7.863727e-06	1228008.0	-0.02368164	0.01904297	0.984375	2.748092	-0.5267176	-0.259542	2008.08216	9822.97852	2123.5	2127.5
2114.733	783.7227	23.975	9.66151	7.85854e-06	1229428.0	-0.02832031	0.0222168	0.9848633	2.89313	-0.519084	-0.3969466	2008.08216	9822.97852	2123.5	21.0
2115.125	783.6847	23.96543	9.685459	7.868932e-06	1230848.0	-0.02661133	0.02539063	0.9873047	2.847328	-0.6717557	-0.07633588	2008.08216	9822.97852	2123.5	2127.5
2115.251	783.6724	23.975	9.711804	7.872045e-06	1233708.0	-0.02319336	0.02416992	0.9899902	2.648855	-0.4656488	-0.389313	2008.08216	9822.97852	2123.5	2127.5
2115.037	783.6931	24.00918	9.730965	7.869396e-06	1236558.0	-0.02197266	0.02172852	0.9919434	2.755725	-0.4122138	-0.3358779	2008.08216	9822.97852	2123.5	2127.5
2114.781	783.7181	24.00918	9.637559	7.784856e-06	1237988.0	-0.02270508	0.02661133	0.9824219	2.877863	-0.5496183	-0.4198473	2008.08216	9822.97852	2123.5	2127.5
2115.164	783.6807	24.01875	9.740545	7.858967e-06	1239418.0	-0.02807617	0.02050781	0.9929199	2.687023	-0.7175572	-0.2824428	2008.08216	9822.97852	2123.5	2127.5
2115.354	783.6621	24.02363	9.671089	7.785027e-06	1242268.0	-0.02880859	0.02319336	0.9858398	2.496183	-0.5801527	-0.1832061	2008.08216	9822.97852	2123.5	2127.5
2115.098	783.6873	24.02363	9.740545	7.822927e-06	1245128.0	-0.02685547	0.02685547	0.9929199	2.503817	-0.7251908	-0.1374046	2008.08216	9822.97852	2123.5	2127.5
2115.085	783.6884	24.04316	9.7142	7.766215e-06	1250828.0	-0.0222168	0.02661133	0.9902344	2.519084	-0.5648855	-0.1068702	2008.08216	9822.97852	2123.5	2127.5
2114.704	783.7255	24.0334	9.73815	7.741236e-06	1257958.0	-0.02636719	0.02416992	0.9926758	2.740458	-0.7709923	-0.351145	2008.08216	9822.97852	2123.5	2127.5
2114.733	783.7227	23.975	9.74294	7.710109e-06	1263658.0	-0.02270508	0.02441406	0.9931641	2.412214	-0.4122138	-0.1832061	2008.08216	9822.97852	2123.5	2127.5
2115.251	783.6724	23.975	9.697434	7.656828e-06	1266508.0	-0.02563477	0.0222168	0.9885254	2.664122	-0.5114504	-0.2213741	2008.08216	9822.97852	2123.5	2127.5
2115.275	783.6699	23.9168	9.690249	7.634037e-06	1269348.0	-0.02563477	0.02685547	0.987793	2.877863	-0.2824428	-0.1984733	2008.08216	9822.97852	2123.5	2127.5
2114.77	783.7191	23.89727	9.616004	7.558516e-06	1272208.0	-0.02539063	0.02758789	0.9802246	2.763359	-0.7175572	-0.1145038	2008.08216	9822.97852	2123.5	2127.5
2114.828	783.7136	23.91191	9.697434	7.605425e-06	1275068.0	-0.02416992	0.02197266	0.9885254	2.80916	-0.4503817	-0.129771	2008.08216	9822.97852	2123.5	2127.5

2115.019	783.695	23.9168	9.745335	7.625887e-06	1277928.0	-0.02441406	0.02319336	0.9934082	3.358779	-0.7633588	-0.259542	2008.08216	9822.97852	2123.5	2127.5
2115.0	783.6968	23.95566	9.74294	7.598565e-06	1282208.0	-0.02392578	0.02539063	0.9931641	2.839695	-0.5725191	-0.2671756	2008.08216	9822.97852	2123.5	2127.5
2114.865	783.7098	23.96543	9.711804	7.549083e-06	1286488.0	-0.02490234	0.02441406	0.9899902	2.969466	-0.3969466	-0.04580153	2008.08216	9822.97852	2123.5	2127.5
2114.675	783.7285	23.96055	9.733359	7.557437e-06	1287918.0	-0.02661133	0.01855469	0.9921875	2.580153	-0.4961832	-0.1832061	2008.08216	9822.97852	2123.5	2.0
2115.275	783.6699	23.9168	9.707015	7.528623e-06	1289348.0	-0.02685547	0.02661133	0.989502	2.847328	-0.5572519	-0.2671756	2008.08216	9822.97852	2123.5	2127.5
2114.752	783.7209	23.93613	9.630374	7.45265e-06	1292208.0	-0.02734375	0.02490234	0.9816895	2.78626	-0.4961832	-0.1068702	2008.08216	9822.97852	2123.5	2127.5
2114.77	783.7191	23.89727	9.7142	7.500919e-06	1295068.0	-0.0222168	0.02148438	0.9902344	2.709924	-0.1221374	-0.389313	2008.08216	9822.97852	2123.5	2127.5
2114.208	783.774	23.86328	9.7142	7.484506e-06	1297908.0	-0.0234375	0.02441406	0.9902344	2.458015	-0.6183206	-0.129771	2008.08216	9822.97852	2123.5	2127.5
2114.924	783.7042	23.84863	9.659114	7.425758e-06	1300758.0	-0.02539063	0.02734375	0.9846191	3.068702	-0.8015267	-0.3206107	2008.08216	9822.97852	2123.5	2127.5
2114.427	783.7527	23.80976	9.685459	7.429676e-06	1303618.0	-0.02270508	0.02026367	0.9873047	2.732824	-0.6870229	-0.09160305	2008.08216	9822.97852	2123.5	2127.5
2114.474	783.748	23.84375	9.77168	7.487602e-06	1305048.0	-0.02246094	0.02612305	0.9960938	2.656489	-0.3435115	-0.07633588	2008.08216	9822.97852	2123.5	2127.5
2114.599	783.736	23.85352	9.666299	7.390657e-06	1307908.0	-0.02368164	0.02734375	0.9853516	2.70229	-0.7251908	-0.4045802	2008.08216	9822.97852	2123.5	2127.5
2114.208	783.774	23.86328	9.814791	7.487817e-06	1310768.0	-0.0234375	0.02294922	1.000488	2.633588	-0.3969466	-0.480916	2008.08216	9822.97852	2123.5	2127.5
2114.57	783.7388	23.91191	9.687855	7.374941e-06	1313618.0	-0.02294922	0.02270508	0.9875488	2.671756	-0.5572519	-0.2137404	2008.08216	9822.97852	2123.5	2127.5
2114.485	783.747	23.95566	9.683064	7.347355e-06	1317898.0	-0.02514648	0.02392578	0.9870605	2.458015	-0.5419847	-0.4732824	2008.08216	9822.97852	2123.5	2127.5
2114.57	783.7388	23.91191	9.692644	7.338698e-06	1320758.0	-0.01928711	0.0222168	0.9880371	2.664122	-0.5572519	-0.2671756	2008.08216	9822.97852	2123.5	2127.5
2114.189	783.7759	23.90215	9.539363	7.207036e-06	1323618.0	-0.02075195	0.02026367	0.9724121	2.89313	-0.4503817	-0.2748091	2008.08216	9822.97852	2123.5	2127.5
2113.999	783.7944	23.89727	9.685459	7.301636e-06	1326478.0	-0.0222168	0.02197266	0.9873047	2.679389	-0.351145	-0.08396947	2008.08216	9822.97852	2123.5	2127.5
2114.142	783.7805	23.86816	9.683064	7.284125e-06	1329338.0	-0.02294922	0.02075195	0.9870605	2.89313	-0.3435115	-0.3358779	2008.08216	9822.97852	2123.5	2127.5
2113.845	783.8093	23.9459	9.754915	7.31457e-06	1333628.0	-0.02368164	0.02148438	0.9943848	2.778626	-0.351145	-0.04580153	2008.08216	9822.97852	2123.5	2127.5
2114.229	783.7721	23.95566	9.613608	7.200892e-06	1335058.0	-0.02709961	0.02294922	0.9799805	2.755725	-0.6793893	-0.2519084	2008.08216	9822.97852	2123.5	2127.5
2113.896	783.8045	23.97988	9.702225	7.259492e-06	1336488.0	-0.02661133	0.02612305	0.9890137	2.763359	-0.3664122	-0.2442748	2008.08216	9822.97852	2123.5	2127.5
2114.332	783.7619	24.0043	9.857901	7.360224e-06	1339348.0	-0.02661133	0.02661133	1.004883	2.748092	-0.5267176	-0.1145038	2008.08216	9822.97852	2123.5	2127.5
2114.393	783.7561	24.01875	9.716595	7.246983e-06	1340778.0	-0.02832031	0.02270508	0.9904785	2.770992	-0.8091603	-0.1068702	2008.08216	9822.97852	2123.5	2127.5
2114.134	783.7812	24.01875	9.620794	7.145103e-06	1346488.0	-0.02368164	0.02539063	0.9807129	2.587786	-0.5038168	-0.259542	2008.08216	9822.97852	2123.5	2127.5
2114.247	783.7703	24.04805	9.867481	7.320535e-06	1347918.0	-0.03222656	0.02709961	1.005859	2.709924	-0.7099237	-0.4961832	2008.08216	9822.97852	2123.5	2.0
2113.542	783.8391	24.04316	9.817185	7.275503e-06	1349348.0	-0.02661133	0.02099609	1.000732	2.633588	-0.5419847	-0.2290076	2008.08216	9822.97852	2123.5	2127.5
2113.867	783.8074	24.03828	9.735755	7.199948e-06	1352198.0	-0.02148438	0.02612305	0.9924316	2.969466	-0.6412213	-0.3053435	2008.08216	9822.97852	2123.5	2127.5
2113.848	783.8091	24.07715	9.750125	7.195356e-06	1355058.0	-0.02612305	0.02587891	0.9938965	2.755725	-0.3816794	-0.2366412	2008.08216	9822.97852	2123.5	2127.5
2113.962	783.7981	24.10645	9.644744	7.102597e-06	1357918.0	-0.02416992	0.02148438	0.9831543	2.847328	-0.4580153	-0.4427481	2008.08216	9822.97852	2123.5	2127.5
2113.885	783.8054	24.13066	9.690249	7.106174e-06	1363638.0	-0.02392578	0.02807617	0.987793	2.725191	-0.4961832	-0.1068702	2008.08216	9822.97852	2123.5	2127.5

2113.943	783.7999	24.14531	9.699829	7.098312e-06	1366498.0	-0.02270508	0.02514648	0.9887695	2.679389	-0.3282443	-0.3816794	2008.08216	9822.97852	2123.5	2127.5
2113.809	783.813	24.15508	9.656719	7.052056e-06	1369348.0	-0.0234375	0.02197266	0.984375	2.801527	-0.740458	-0.2137404	2008.08216	9822.97852	2123.5	2127.5
2114.078	783.7868	24.13555	9.587264	6.972312e-06	1375048.0	-0.02392578	0.02368164	0.9772949	2.610687	-0.1221374	-0.4045802	2008.08216	9822.97852	2123.5	2127.5
2114.924	783.7042	24.11133	9.75252	7.077773e-06	1377908.0	-0.02612305	0.0222168	0.9941406	2.519084	-0.6564885	-0.2366412	2008.08216	9822.97852	2123.5	2127.5
2114.268	783.7682	24.14043	9.711804	7.033625e-06	1380768.0	-0.02319336	0.01879883	0.9899902	2.862595	-0.2977099	-0.1603053	2008.08216	9822.97852	2123.5	2127.5
2114.218	783.7729	24.10645	9.707015	7.015625e-06	1383628.0	-0.02832031	0.0234375	0.989502	2.862595	-0.7022901	-0.3206107	2008.08216	9822.97852	2123.5	2127.5
2113.943	783.7999	24.14531	9.733359	7.020103e-06	1386498.0	-0.02441406	0.02758789	0.9921875	2.587786	-0.6946565	-0.3053435	2008.08216	9822.97852	2123.5	2127.5
2113.484	783.8447	24.15996	9.733359	7.005652e-06	1389358.0	-0.02392578	0.01953125	0.9921875	2.648855	-0.4961832	-0.2366412	2008.08216	9822.97852	2123.5	2127.5
2113.029	783.8892	24.17441	9.730965	6.989541e-06	1392218.0	-0.02563477	0.02441406	0.9919434	2.763359	-0.4351145	-0.1450382	2008.08216	9822.97852	2123.5	2127.5
2113.008	783.891	24.21328	9.68067	6.925013e-06	1397928.0	-0.02270508	0.02587891	0.9868164	2.854962	-0.5496183	-0.1603053	2008.08216	9822.97852	2123.5	2127.5
2113.906	783.8035	24.22305	9.632769	6.876678e-06	1400788.0	-0.0246582	0.02612305	0.9819336	2.587786	-0.4580153	-0.129771	2008.08216	9822.97852	2123.5	2127.5
2113.6	783.8334	24.18906	9.750125	6.946275e-06	1403648.0	-0.02612305	0.02075195	0.9938965	2.358779	-0.5648855	-0.1526718	2008.08216	9822.97852	2123.5	2127.5
2113.618	783.8317	24.1502	9.77168	6.947475e-06	1406508.0	-0.02294922	0.02832031	0.9960938	2.793893	-0.6564885	-0.05343511	2008.08216	9822.97852	2123.5	2127.5
2113.526	783.8406	24.21328	9.745335	6.900632e-06	1412238.0	-0.02416992	0.02661133	0.9934082	2.366412	-0.5114504	-0.2137404	2008.08216	9822.97852	2123.5	2127.5
2113.84	783.8099	24.22793	9.687855	6.846066e-06	1415098.0	-0.02392578	0.02270508	0.9875488	2.358779	-0.3053435	-0.07633588	2008.08216	9822.97852	2123.5	2127.5
2113.436	783.8492	24.25723	9.788445	6.903199e-06	1417958.0	-0.02514648	0.02294922	0.9978027	2.824427	-0.6793893	-0.2824428	2008.08216	9822.97852	2123.5	2127.5
2113.362	783.8565	24.28144	9.730965	6.848846e-06	1420818.0	-0.0246582	0.0222168	0.9919434	3.030534	-0.648855	-0.1145038	2008.08216	9822.97852	2123.5	2127.5
2113.285	783.8641	24.30586	9.704619	6.816631e-06	1423668.0	-0.02172852	0.02709961	0.9892578	3.122137	-0.4427481	-0.1526718	2008.08216	9822.97852	2123.5	2127.5
2113.927	783.8014	24.31543	9.850716	6.905378e-06	1426528.0	-0.02783203	0.02246094	1.00415	2.648855	-0.7328244	-0.2366412	2008.08216	9822.97852	2123.5	2127.5
2113.603	783.8331	24.32031	9.711804	6.794379e-06	1429388.0	-0.0234375	0.02734375	0.9899902	2.801527	-0.2824428	-0.3664122	2008.08216	9822.97852	2123.5	2127.5
2113.457	783.8472	24.34961	9.730965	6.794189e-06	1432248.0	-0.02709961	0.02294922	0.9919434	2.763359	-0.389313	0.1450382	2008.08216	9822.97852	2123.5	2127.5
2113.193	783.873	24.36895	9.690249	6.752279e-06	1435108.0	-0.0246582	0.02587891	0.987793	2.648855	-0.4351145	-0.4122138	2008.08216	9822.97852	2123.5	2127.5
2113.048	783.8871	24.39824	9.656719	6.708906e-06	1439388.0	-0.0168457	0.03173828	0.984375	2.664122	-0.480916	-0.01526718	2008.08216	9822.97852	2123.5	2127.5
2113.048	783.8871	24.39824	9.764495	6.77033e-06	1442248.0	-0.02392578	0.02294922	0.9953613	2.580153	-0.6946565	-0.09923664	2008.08216	9822.97852	2123.5	2127.5
2112.783	783.913	24.41758	9.726174	6.730413e-06	1445108.0	-0.02294922	0.02294922	0.9914551	2.687023	-0.4656488	-0.2290076	2008.08216	9822.97852	2123.5	2127.5
2112.907	783.9009	24.42734	9.726174	6.71712e-06	1447968.0	-0.02270508	0.02539063	0.9914551	2.458015	-0.5419847	-0.1603053	2008.08216	9822.97852	2123.5	2127.5
2113.883	783.8058	24.41269	9.75731	6.725339e-06	1450828.0	-0.02783203	0.0222168	0.9946289	2.633588	-0.740458	-0.2213741	2008.08216	9822.97852	2123.5	2127.5
2113.605	783.8328	24.45156	9.685459	6.656179e-06	1455108.0	-0.02563477	0.02636719	0.9873047	2.412214	-0.7480916	-0.2137404	2008.08216	9822.97852	2123.5	2127.5
2113.145	783.8777	24.46621	9.70941	6.659549e-06	1457968.0	-0.02661133	0.02636719	0.9897461	2.465649	-0.7099237	-0.05343511	2008.08216	9822.97852	2123.5	2127.5
2113.785	783.8152	24.47598	9.656719	6.610442e-06	1460828.0	-0.02490234	0.02636719	0.984375	2.717557	-0.4427481	-0.4732824	2008.08216	9822.97852	2123.5	2127.5
2113.711	783.8224	24.50019	9.996812	6.829879e-06	1463688.0	-0.04589844	0.02539063	1.019043	3.022901	-1.21374	-0.2213741	2008.08216	9822.97852	2123.5	2127.5

2113.518	783.8413	24.49551	9.766891	6.65334e-06	1467968.0	-0.02050781	0.02490234	0.9956055	2.793893	-0.7022901	-0.1145038	2008.08216	9822.97852	2123.5	2127.5
2113.079	783.8842	24.47109	9.7621	6.637146e-06	1470828.0	-0.02368164	0.02929688	0.9951172	2.877863	-0.5419847	-0.05343511	2008.08216	9822.97852	2123.5	2127.5
2113.346	783.858	24.45156	9.74773	6.620939e-06	1472258.0	-0.01855469	0.02758789	0.9936523	2.587786	-0.5114504	-0.04580153	2008.08216	9822.97852	2123.5	2127.5
2113.745	783.8191	24.42246	9.580078	6.500751e-06	1473688.0	-0.0234375	0.02197266	0.9765625	2.671756	-0.7557252	-0.07633588	2008.08216	9822.97852	2123.5	2127.5
2113.069	783.8851	24.35918	9.774076	6.619545e-06	1476548.0	-0.02587891	0.02441406	0.9963379	2.580153	-0.740458	-0.480916	2008.08216	9822.97852	2123.5	2127.5
2113.01	783.8909	24.34473	9.740545	6.584083e-06	1479408.0	-0.02416992	0.0222168	0.9929199	2.709924	-0.6870229	-0.1221374	2008.08216	9822.97852	2123.5	2127.5
2113.333	783.8592	24.33984	9.685459	6.540525e-06	1480838.0	-0.0222168	0.02758789	0.9873047	2.839695	-0.6030535	-0.2977099	2008.08216	9822.97852	2123.5	2127.5
2112.81	783.9103	24.35918	9.690249	6.531147e-06	1483698.0	-0.0222168	0.02807617	0.987793	2.587786	-0.4427481	-0.1221374	2008.08216	9822.97852	2123.5	2127.5
2112.371	783.9533	24.33496	9.675879	6.508958e-06	1486548.0	-0.02368164	0.02490234	0.9863281	2.778626	-0.5343512	-0.3358779	2008.08216	9822.97852	2123.5	2127.5
2112.382	783.9523	24.31543	9.656719	6.483639e-06	1489398.0	-0.01977539	0.02734375	0.984375	2.709924	-0.740458	-0.3282443	2008.08216	9822.97852	2123.5	2127.5
2112.115	783.9783	24.33496	9.718989	6.512941e-06	1492258.0	-0.02709961	0.02514648	0.9907227	2.694656	-0.4732824	-0.2137404	2008.08216	9822.97852	2123.5	2127.5
2113.0	783.8918	24.36406	9.740545	6.514901e-06	1495118.0	-0.02319336	0.02563477	0.9929199	2.328244	-0.389313	-0.06870229	2008.08216	9822.97852	2123.5	2127.5
2112.667	783.9243	24.38848	9.740545	6.502462e-06	1497978.0	-0.02539063	0.02124023	0.9929199	2.778626	-0.6030535	-0.3129771	2008.08216	9822.97852	2123.5	2127.5
2112.783	783.913	24.41758	9.716595	6.474113e-06	1500838.0	-0.02416992	0.02246094	0.9904785	2.755725	-0.4885496	-0.3053435	2008.08216	9822.97852	2123.5	2127.5
2112.783	783.9885	24.41758	9.707015	6.455429e-06	1503698.0	-0.02050781	0.0246582	0.989502	2.450382	-0.480916	-0.1984733	2008.08216	9822.97852	2123.5	2127.5
2112.25	783.965	24.45645	9.766891	6.476812e-06	1507978.0	-0.02539063	0.02246094	0.9956055	2.763359	-0.6030535	-0.3435115	2008.08216	9822.97852	2123.5	2127.5
2112.049	783.9846	24.47109	9.678274	6.405898e-06	1510838.0	-0.02294922	0.02758789	0.9865723	2.847328	-0.4503817	-0.2213741	2008.08216	9822.97852	2123.5	2127.5
2112.059	783.9836	24.45156	9.584868	6.332088e-06	1513698.0	-0.02075195	0.02661133	0.9770508	2.671756	-0.3358779	-0.1526718	2008.08216	9822.97852	2123.5	2127.5
2112.839	783.9075	24.43223	9.735755	6.419639e-06	1516558.0	-0.02124023	0.02661133	0.9924316	2.679389	-0.5648855	-0.3053435	2008.08216	9822.97852	2123.5	2127.5
2112.374	783.9531	24.46621	9.745335	6.413903e-06	1519408.0	-0.02172852	0.02246094	0.9934082	2.854962	-0.4503817	-0.1755725	2008.08216	9822.97852	2123.5	2127.5
2112.382	783.9522	24.44687	9.884246	6.493105e-06	1522268.0	-0.03076172	0.02270508	1.007568	2.541985	-0.6946565	-0.1221374	2008.08216	9822.97852	2123.5	2127.5
2112.466	783.944	24.40313	9.685459	6.350588e-06	1525128.0	-0.02612305	0.02709961	0.9873047	2.603053	-0.610687	-0.03816794	2008.08216	9822.97852	2123.5	2127.5
2111.969	783.9922	24.36406	9.642349	6.310488e-06	1527988.0	-0.02172852	0.01708984	0.9829102	2.412214	-0.4274809	-0.1526718	2008.08216	9822.97852	2123.5	2127.5
2112.466	783.944	24.40313	9.594449	6.267408e-06	1530848.0	-0.0234375	0.0222168	0.9780273	2.732824	-0.3816794	-0.3129771	2008.08216	9822.97852	2123.5	2127.5
2112.059	783.9836	24.45156	9.685459	6.297569e-06	1537968.0	-0.02807617	0.02270508	0.9873047	2.312977	-0.740458	-0.2137404	2008.08216	9822.97852	2123.5	2127.5
2111.734	784.0153	24.45645	9.651929	6.264118e-06	1540828.0	-0.02294922	0.0222168	0.9838867	2.770992	-0.2671756	-0.4045802	2008.08216	9822.97852	2123.5	2127.5
2111.409	784.0471	24.46133	9.7142	6.292852e-06	1543688.0	-0.02197266	0.02075195	0.9902344	2.938931	-0.4045802	-0.4198473	2008.08216	9822.97852	2123.5	2127.5
2111.552	784.0332	24.43223	9.80521	6.340062e-06	1546548.0	-0.02539063	0.0222168	0.9995117	2.725191	-0.4351145	-0.1679389	2008.08216	9822.97852	2123.5	2127.5
2111.544	784.034	24.45156	9.735755	6.283532e-06	1549408.0	-0.02783203	0.02783203	0.9924316	2.442748	-0.7862596	-0.2977099	2008.08216	9822.97852	2123.5	2127.5
2111.6	784.0284	24.46621	9.74773	6.27967e-06	1552268.0	-0.02587891	0.02661133	0.9936523	2.839695	-0.5801527	-0.1908397	2008.08216	9822.97852	2123.5	2127.5
2111.399	784.048	24.48086	9.730965	6.25738e-06	1555118.0	-0.02514648	0.02319336	0.9919434	3.068702	-0.8091603	-0.3664122	2008.08216	9822.97852	2123.5	2127.5



2111.666	784.022	24.46133	9.798025	6.288937e-06	1557978.0	-0.02539063	0.02709961	0.9987793	2.877863	-0.4427481	-0.1374046	2008.08216	9822.97852	2123.5	2127.5
2111.724	784.0164	24.47598	9.74773	6.245191e-06	1560838.0	-0.02783203	0.02661133	0.9936523	2.603053	-0.5267176	-0.3664122	2008.08216	9822.97852	2123.5	2127.5
2111.607	784.0276	24.44687	9.759705	6.241426e-06	1563698.0	-0.02001953	0.02319336	0.994873	2.824427	-0.3053435	-0.1679389	2008.08216	9822.97852	2123.5	2127.5
2111.246	784.0632	24.39824	9.77168	6.237675e-06	1566558.0	-0.02392578	0.02368164	0.9960938	2.938931	-0.6946565	-0.4045802	2008.08216	9822.97852	2123.5	2127.5
2112.038	783.9856	24.35918	9.7142	6.189683e-06	1569418.0	-0.02514648	0.02832031	0.9902344	2.633588	-0.4122138	-0.3053435	2008.08216	9822.97852	2123.5	2127.5
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2111.417	784.0463	24.31055	9.697434	6.057648e-06	1600858.0	-0.02368164	0.02539063	0.9885254	2.725191	-0.6793893	-0.2213741	2008.08216	9822.97852	2123.5	2127.5
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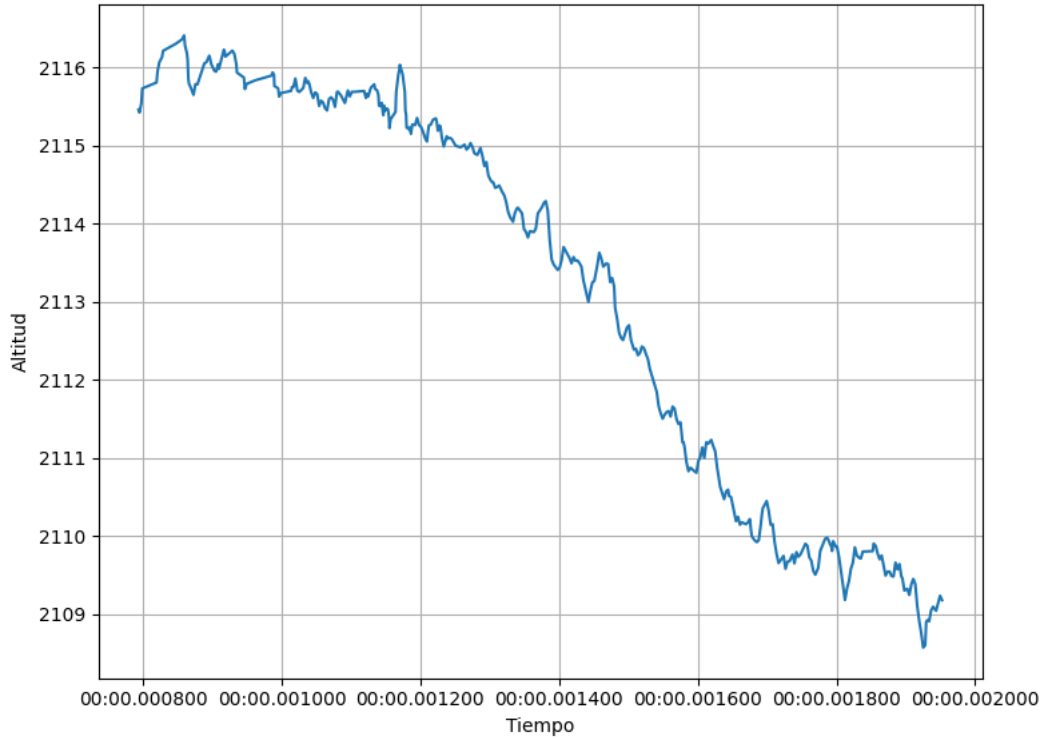
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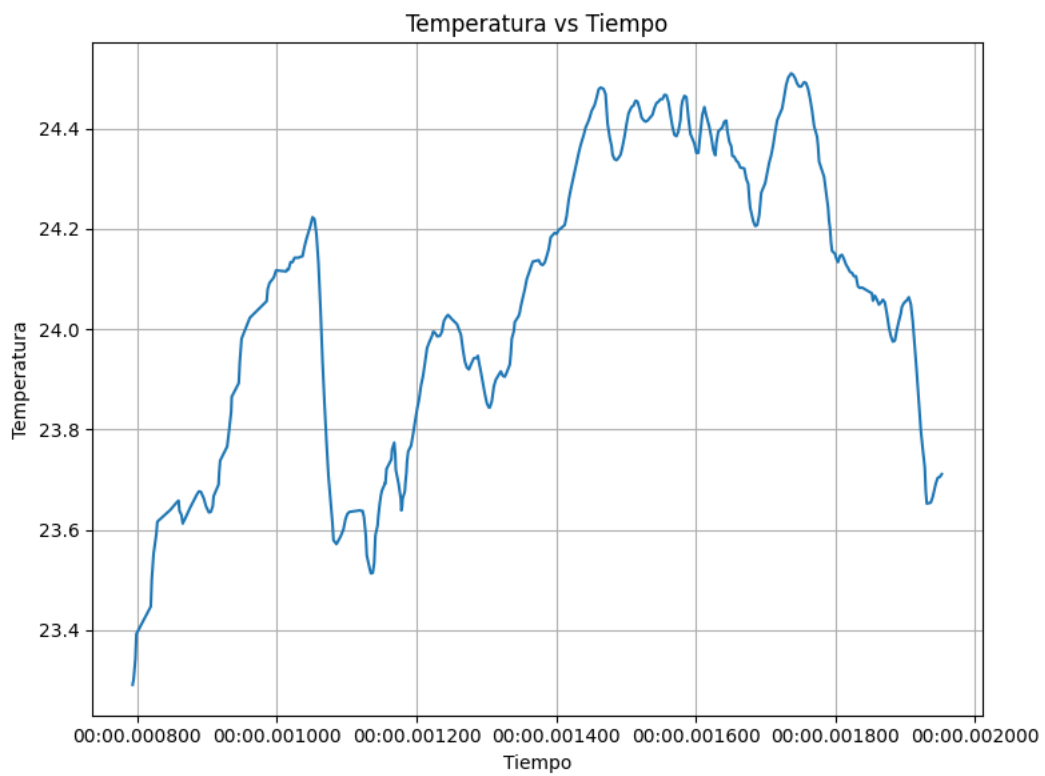
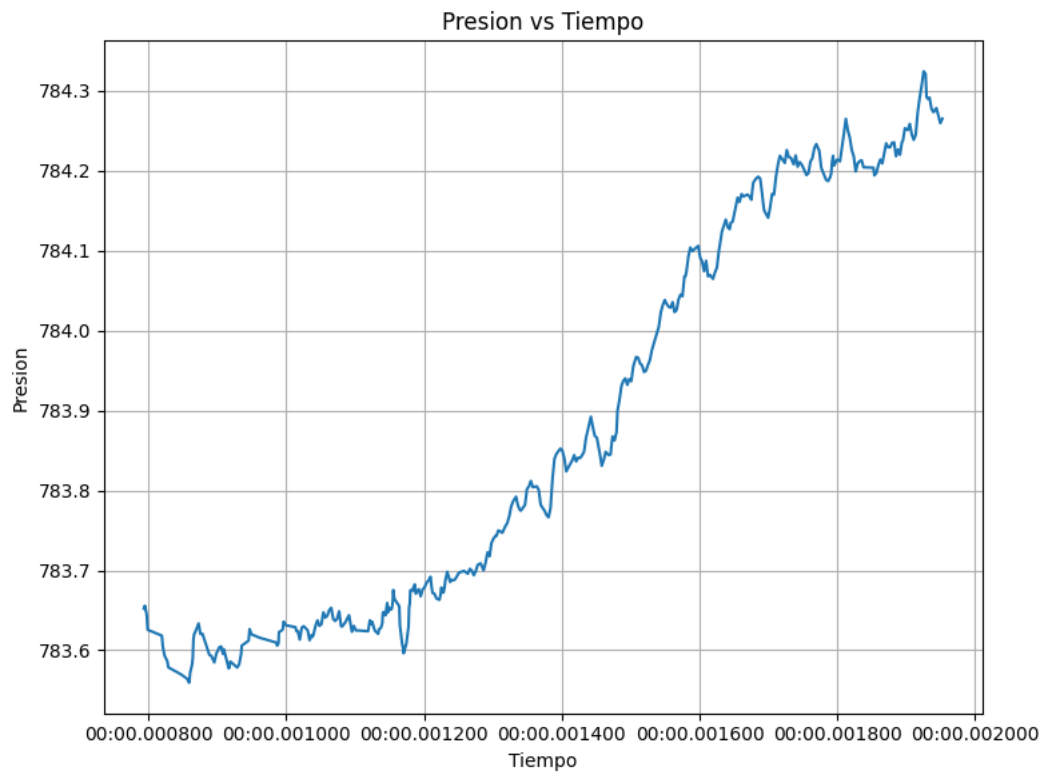
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2109.375	784.2458	24.14043	9.78126	5.414158e-06	1806608.0	-0.0246582	0.02148438	0.9970703	2.977099	-0.8778625	-0.1679389	2008.08216	9822.97852	2123.5	2127.5
2109.441	784.2392	24.13555	9.649534	5.332831e-06	1809458.0	-0.02587891	0.02416992	0.9836426	2.633588	-0.8854962	-0.2366412	2008.08216	9822.97852	2123.5	2127.5
2109.171	784.2654	24.15508	9.754915	5.382563e-06	1812318.0	-0.02832031	0.02270508	0.9943848	2.740458	-0.4427481	-0.2977099	2008.08216	9822.97852	2123.5	2127.5
2109.182	784.2644	24.13555	9.692644	5.339776e-06	1815178.0	-0.0222168	0.02563477	0.9880371	2.48855	-0.6183206	-0.2061069	2008.08216	9822.97852	2123.5	2127.5
2108.735	784.3081	24.13066	9.745335	5.360388e-06	1818028.0	-0.03076172	0.02416992	0.9934082	2.587786	-0.5572519	-0.1526718	2008.08216	9822.97852	2123.5	2127.5
2110.109	784.1741	24.08691	9.551338	5.245429e-06	1820888.0	-0.02124023	0.02661133	0.9736328	2.80916	0.03816794	-0.0610687	2008.08216	9822.97852	2123.5	2127.5
2109.906	784.1937	24.10156	9.687855	5.312058e-06	1823748.0	-0.02563477	0.02124023	0.9875488	2.473282	-0.6946565	-0.2061069	2008.08216	9822.97852	2123.5	2127.5
2109.967	784.1879	24.11602	9.596844	5.253944e-06	1826598.0	-0.02392578	0.02880859	0.9782715	2.862595	-0.1526718	-0.3816794	2008.08216	9822.97852	2123.5	2127.5

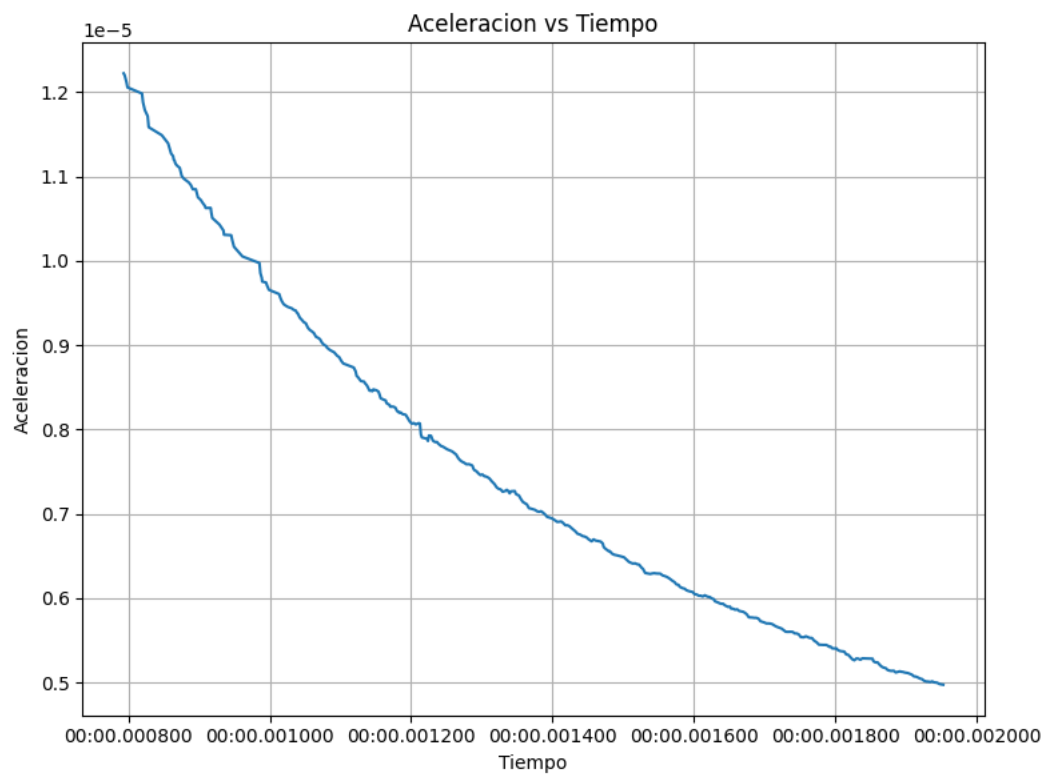
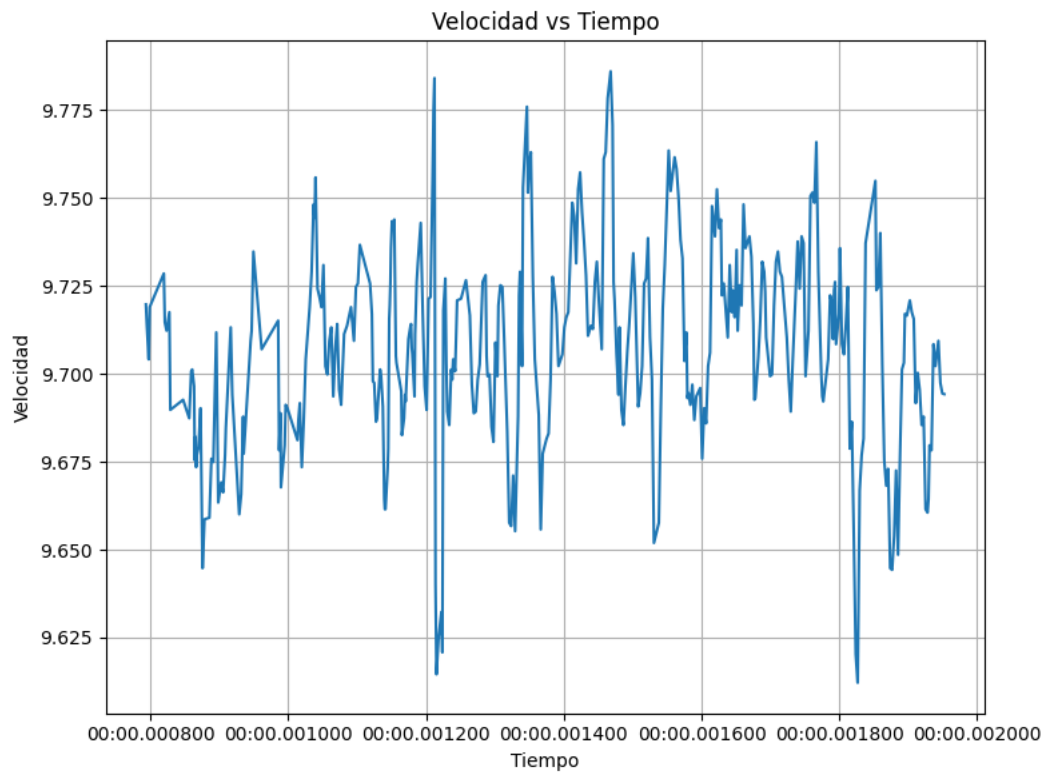
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2109.592	784.2244	24.08691	9.82437	5.353419e-06	1835158.0	-0.02783203	0.01928711	1.001465	3.221374	-0.3435115	-0.1068702	2008.08216	9822.97852	2123.5	2127.5
2109.763	784.2076	23.99941	9.73815	5.29818e-06	1838018.0	-0.02197266	0.01977539	0.9926758	2.687023	-0.5343512	-0.1068702	2008.08216	9822.97852	2123.5	2127.5
2109.906	784.1937	24.10156	9.620794	5.19395e-06	1852308.0	-0.02099609	0.0246582	0.9807129	2.519084	-0.7022901	-0.1984733	2008.08216	9822.97852	2123.5	2127.5
2110.022	784.1824	24.13066	9.798025	5.28555e-06	1853738.0	-0.02319336	0.02075195	0.9987793	2.656489	-0.7328244	-0.389313	2008.08216	9822.97852	2123.5	2127.5
2109.745	784.2095	24.03828	9.793235	5.274828e-06	1856598.0	-0.02856445	0.0222168	0.998291	2.946565	-0.8396947	-0.2137404	2008.08216	9822.97852	2123.5	2127.5
2110.078	784.1769	24.01406	9.668694	5.199738e-06	1859458.0	-0.02416992	0.02368164	0.9855957	3.129771	-0.5267176	-0.2900764	2008.08216	9822.97852	2123.5	2127.5
2109.613	784.2225	24.04805	9.74294	5.23162e-06	1862318.0	-0.02368164	0.02661133	0.9931641	2.70229	-0.2061069	-0.1984733	2008.08216	9822.97852	2123.5	2127.5
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2109.993	784.1853	24.05781	9.656719	5.161598e-06	1870878.0	-0.02612305	0.01977539	0.984375	2.78626	-0.610687	-0.4427481	2008.08216	9822.97852	2123.5	2127.5
2109.42	784.2411	24.04316	9.632769	5.140965e-06	1873728.0	-0.02270508	0.02172852	0.9819336	2.770992	-0.7328244	0.03816794	2008.08216	9822.97852	2123.5	2127.5
2108.984	784.2838	24.01875	9.766891	5.2046e-06	1876588.0	-0.02563477	0.02294922	0.9956055	2.923664	-0.610687	-0.08396947	2008.08216	9822.97852	2123.5	2127.5
2109.66	784.2178	23.95078	9.556129	5.08454e-06	1879448.0	-0.02124023	0.02172852	0.9741211	2.473282	-0.3129771	-0.4427481	2008.08216	9822.97852	2123.5	2127.5
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2109.383	784.2449	23.98965	9.726174	5.151554e-06	1888008.0	-0.02636719	0.02246094	0.9914551	2.633588	-0.7557252	-0.2290076	2008.08216	9822.97852	2123.5	2127.5
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2109.222	784.2607	24.05781	9.69504	5.119553e-06	1893728.0	-0.02001953	0.02734375	0.9882813	2.70229	-0.5267176	-0.129771	2008.08216	9822.97852	2123.5	2127.5
2110.004	784.1843	24.03828	9.733359	5.135936e-06	1895148.0	-0.0234375	0.0246582	0.9921875	2.70229	-0.5496183	-0.1832061	2008.08216	9822.97852	2123.5	2127.5
2108.905	784.2914	24.04316	9.7142	5.11813e-06	1897998.0	-0.02490234	0.0234375	0.9902344	2.618321	-0.8091603	-0.2290076	2008.08216	9822.97852	2123.5	2127.5
2109.288	784.2542	24.05293	9.79563	5.149421e-06	1902278.0	-0.0246582	0.01953125	0.9985352	2.519084	-0.4351145	-0.1450382	2008.08216	9822.97852	2123.5	2127.5
2109.089	784.2736	24.06738	9.644744	5.062491e-06	1905138.0	-0.0246582	0.02514648	0.9831543	2.816794	-0.5801527	-0.1374046	2008.08216	9822.97852	2123.5	2127.5
2109.335	784.2495	24.08691	9.716595	5.09256e-06	1907998.0	-0.02319336	0.02661133	0.9904785	2.442748	-0.5419847	-0.4198473	2008.08216	9822.97852	2123.5	2127.5
2109.605	784.2233	24.06738	9.716595	5.084938e-06	1910858.0	-0.01928711	0.02392578	0.9904785	2.854962	-0.5954198	-0.1679389	2008.08216	9822.97852	2123.5	2127.5
2109.586	784.2251	23.975	9.704619	5.071082e-06	1913718.0	-0.02416992	0.02441406	0.9892578	2.709924	-0.7557252	-0.2061069	2008.08216	9822.97852	2123.5	2127.5
2109.634	784.2205	23.87774	9.675879	5.048519e-06	1916578.0	-0.02294922	0.02539063	0.9863281	2.694656	-0.5954198	0.02290076	2008.08216	9822.97852	2123.5	2127.5
2108.764	784.3053	23.80976	9.687855	5.047235e-06	1919438.0	-0.0234375	0.02294922	0.9875488	2.923664	-0.5419847	-0.03053435	2008.08216	9822.97852	2123.5	2127.5
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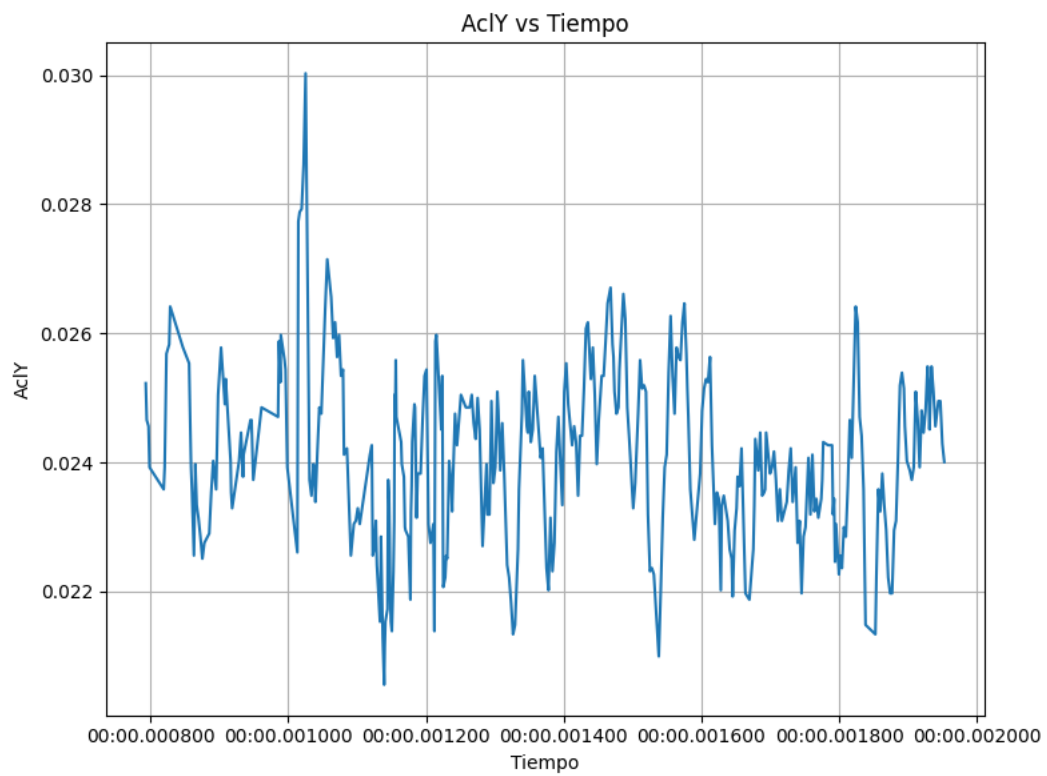
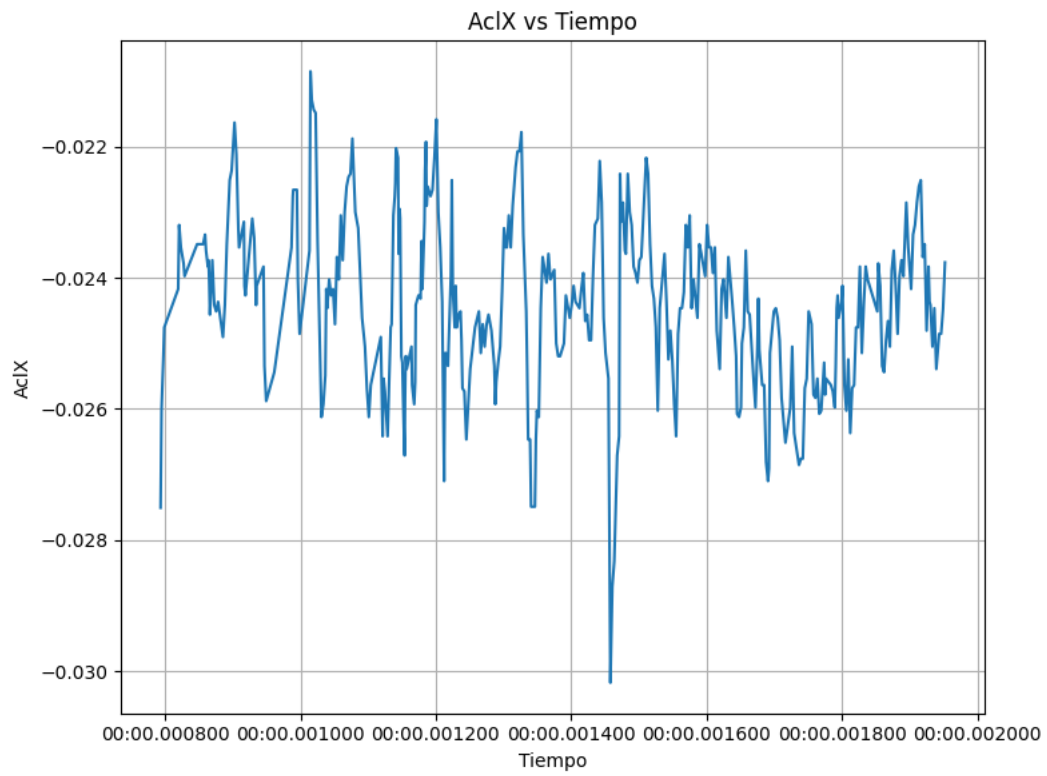
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2108.775	784.3042	23.65899	9.74294	5.030982e-06	1936588.0	-0.02539063	0.02490234	0.9931641	2.725191	-0.5801527	-0.09923664	2008.08216	9822.97852	2123.5	2127.5
2108.757	784.3059	23.69785	9.70941	5.006275e-06	1939448.0	-0.02636719	0.02758789	0.9897461	2.358779	-0.5343512	-0.1984733	2008.08216	9822.97852	2123.5	2127.5
2109.404	784.2427	23.68809	9.69504	4.987833e-06	1943738.0	-0.02661133	0.02514648	0.9882813	2.770992	-0.3129771	-0.08396947	2008.08216	9822.97852	2123.5	2127.5
2109.147	784.2678	23.68809	9.651929	4.958358e-06	1946598.0	-0.02319336	0.02368164	0.9838867	2.862595	-0.5343512	-0.2824428	2008.08216	9822.97852	2123.5	2127.5
2109.126	784.2699	23.72715	9.74773	5.000226e-06	1949458.0	-0.02270508	0.0234375	0.9936523	2.839695	-0.4198473	-0.2442748	2008.08216	9822.97852	2123.5	2127.5
2109.261	784.2568	23.71738	9.683064	4.959778e-06	1952318.0	-0.02539063	0.02490234	0.9870605	3.083969	-0.5877862	0.04580153	2008.08216	9822.97852	2123.5	2127.5

Altitud vs Tiempo

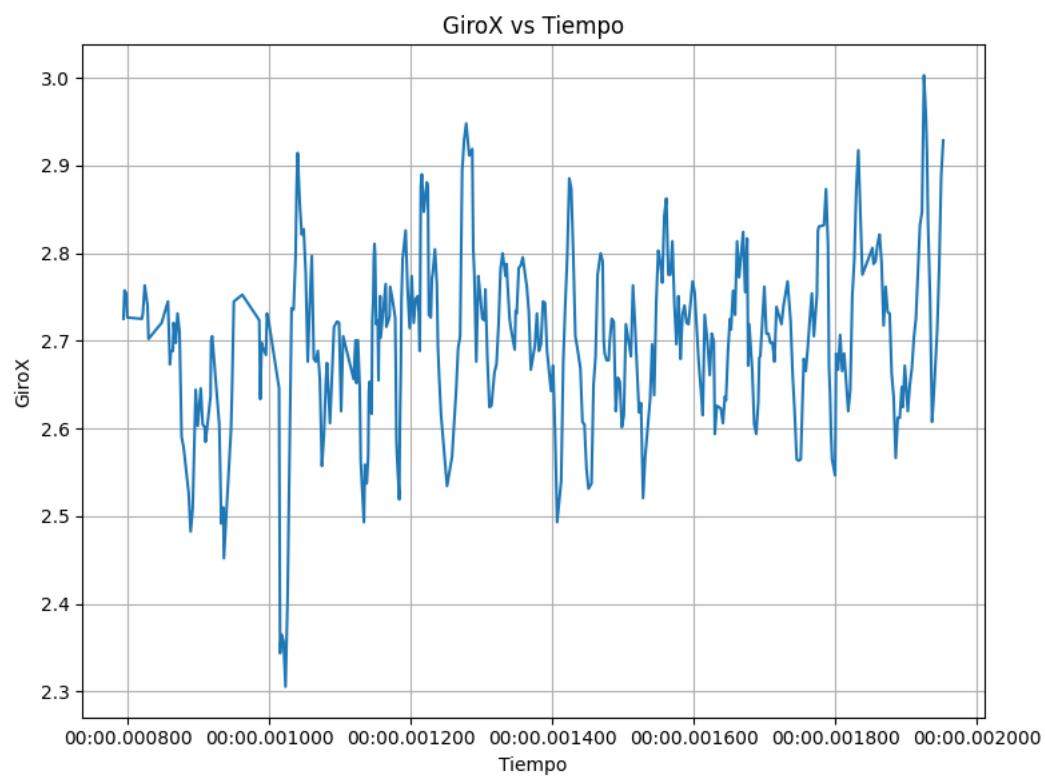
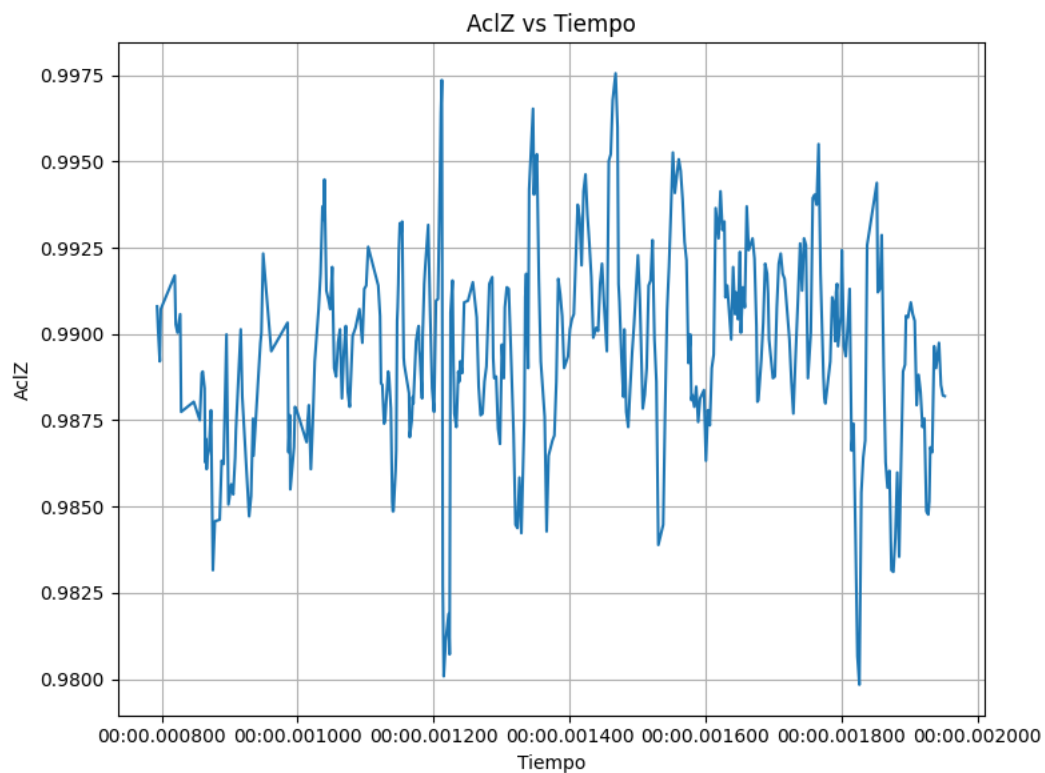




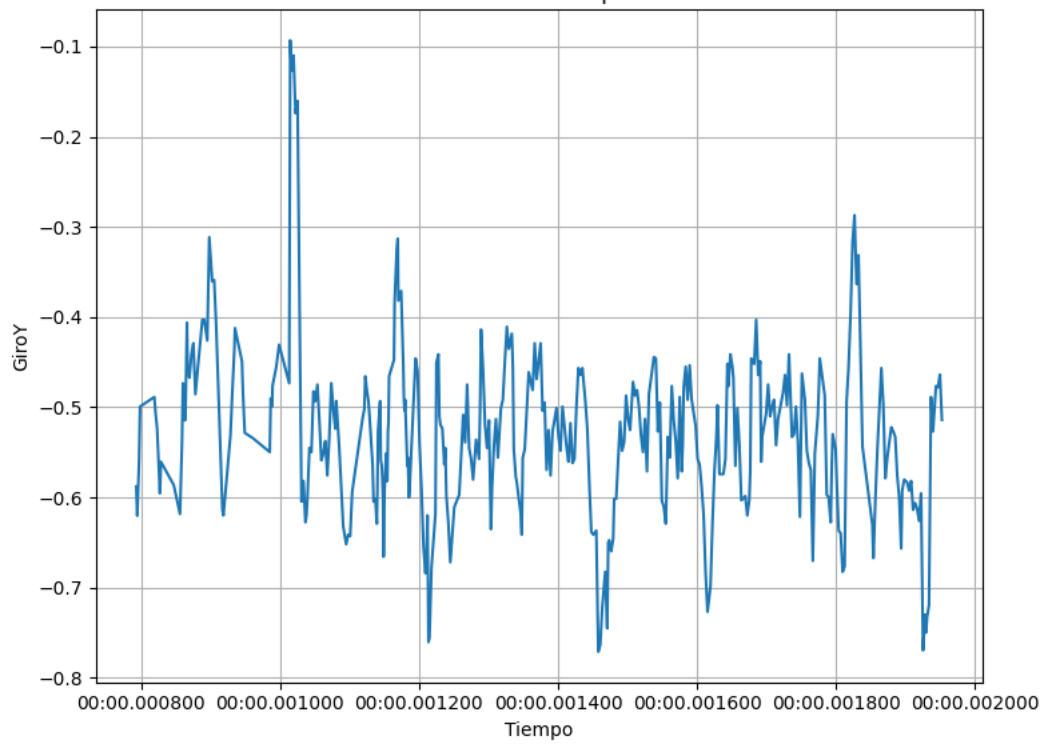








GiroY vs Tiempo



GiroZ vs Tiempo

