Keuwl Accelerometer Data File

2024-04-22 15:53:55

Time (s), X (m/s2), Y (m/s2), Z (m/s2), R (m/s2), Theta (deg), Phi (deg)

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17.6787777,-5.297708,8.407335,0.874238,9.975635,84.972298,122.216225

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17.6887054,-5.310109,8.378672,0.761155,9.948807,85.612175,122.365097

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18.6317043,-4.890013,8.555191,0.391433,9.861883,87.725250,119.751610

18.6366692,-4.711291,8.613169,0.501432,9.830278,87.076134,118.678085

18.6416321,-4.652356,8.672297,0.360873,9.848013,87.899971,118.211861

18.6465950,-4.574860,8.677420,0.312702,9.814517,88.174179,117.798843

18.6515579,-4.399164,8.643701,0.401048,9.707062,87.632149,116.973564

18.6565208,-4.331503,8.676232,0.389872,9.705201,87.697723,116.530106

18.6614838,-4.286253,8.718973,0.498396,9.728354,87.063377,116.178764

18.6664486,-4.272491,8.745301,0.528937,9.747525,86.889389,116.037689

18.6714115,-4.244929,8.822615,0.498875,9.803410,87.083076,115.694153

18.6763725,-4.211075,8.851871,0.522195,9.816388,86.950645,115.441704

18.6813374,-4.203337,8.835543,0.695305,9.809093,85.935257,115.441856

18.6863003,-4.069118,8.907694,0.788344,9.824776,85.397621,114.551369

18.6912613,-4.143492,8.866601,0.784149,9.818352,85.419159,115.047371

18.6962261,-4.266381,8.796498,0.768280,9.806664,85.506691,115.873802

18.7011890,-4.519458,8.725534,0.693495,9.850959,85.963112,117.382248

18.7061539,-4.714049,8.680734,0.564553,9.894247,86.729004,118.504051

18.7111149,-4.824422,8.613514,0.464877,9.883511,87.304062,119.253151

18.7160797,-5.055357,8.519068,0.397725,9.914098,87.700844,120.685600

18.7210426,-5.175766,8.456358,0.320220,9.919732,88.150108,121.468971

18.7260056,-5.186463,8.430645,0.144524,9.899296,89.163490,121.599487

18.7309685,-5.222779,8.403849,-0.059089,9.894725,90.342155,121.859901

18.7359314,-5.230718,8.305668,-0.043479,9.815620,90.253792,122.201775

18.7408943,-5.205445,8.267112,-0.036478,9.769500,90.213936,122.196854

18.7458572,-5.229300,8.282147,-0.188481,9.796686,91.102394,122.268082

18.7508202,-5.223545,8.230116,-0.151285,9.749006,90.889153,122.402756

18.7557850,-5.234386,8.255601,-0.163141,9.776521,90.956139,122.376358

18.7607479,-5.285459,8.354807,-0.147579,9.887399,90.855225,122.318466

18.7657108,-5.341435,8.360715,-0.081049,9.921645,90.468048,122.573410

18.7706738,-5.349001,8.402863,-0.034936,9.960980,90.200951,122.479561

18.7756348,-5.292153,8.380788,-0.070706,9.912087,90.408707,122.270874

18.7805996,-5.170547,8.406416,-0.064212,9.869473,90.372780,121.594490

18.7855625,-5.058805,8.473636,0.058208,9.869011,89.662064,120.837425

18.7905273,-4.943653,8.459729,0.090721,9.798721,89.469521,120.300941

18.7954884,-4.826902,8.551255,0.086737,9.819901,89.493912,119.443298

18.8004532,-4.749637,8.558869,0.070706,9.788682,89.586136,119.027534

18.8054161,-4.648113,8.578453,0.172363,9.758305,88.987915,118.450417

18.8103771,-4.603647,8.635493,0.250711,9.789186,88.532433,118.062416

18.8153419,-4.616893,8.663477,0.351402,9.823188,87.949936,118.053802

18.8203049,-4.740452,8.660891,0.351909,9.879613,87.958710,118.693657

18.8252678,-4.844303,8.531182,0.419502,9.819590,87.551521,119.589424

18.8302307,-4.910336,8.608419,0.432920,9.919864,87.498718,119.700905

18.8351936,-4.967461,8.508150,0.316284,9.857197,88.161263,120.278404

18.8401585,-5.003881,8.456340,0.345158,9.831970,87.988182,120.614136

18.8451195,-5.069109,8.422170,0.462981,9.840893,87.303429,121.042763

18.8500843,-5.044008,8.378567,0.522415,9.793636,86.942261,121.048500

18.8550472,-4.978503,8.338037,0.416831,9.720191,87.542236,120.840721

18.8600101,-4.971952,8.286629,0.326655,9.669292,88.064026,120.963631

18.8649731,-4.923915,8.368989,0.385974,9.717710,87.723694,120.470528

18.8699379,-4.933559,8.315723,0.488676,9.681429,87.106735,120.679840

18.8749008,-5.045052,8.416529,0.430257,9.822201,87.489380,120.939400

18.8798637,-5.113651,8.427562,0.358728,9.864173,87.915878,121.248413

18.8848267,-5.141175,8.431746,0.316485,9.880597,88.164452,121.372337

18.8897896,-5.062463,8.464614,0.257894,9.866343,88.502190,120.882530

18.8947525,-5.034288,8.447616,0.260853,9.837394,88.480537,120.792488

18.8997154,-4.994534,8.469296,0.288300,9.836537,88.320473,120.528809

18.9046783,-5.016868,8.490721,0.239391,9.865020,88.609482,120.577347

18.9096413,-5.033541,8.465601,0.211475,9.851276,88.769951,120.735191

18.9146042,-5.007866,8.476585,0.175773,9.846934,88.977188,120.574089

18.9195690,-5.046891,8.489312,0.150346,9.877355,89.127846,120.731461

18.9245319,-5.067605,8.521931,0.110583,9.915451,89.360985,120.738029

18.9294930,-5.079165,8.534869,0.050077,9.931990,89.711113,120.757195

18.9344578,-5.119062,8.507844,0.024785,9.929191,89.856979,121.034790

18.9394207,-5.083867,8.496936,0.021040,9.901720,89.878250,120.892830

18.9443836,-5.062310,8.505392,0.085550,9.898282,89.504791,120.760612

18.9493465,-5.059906,8.437233,0.182093,9.839852,88.939644,120.951599

18.9543114,-5.036271,8.417870,0.071089,9.809669,89.584785,120.891380

18.9592743,-5.026990,8.509356,0.082839,9.883656,89.519775,120.572906

18.9642353,-5.042687,8.446897,0.250050,9.840796,88.543983,120.836647

18.9692001,-5.053873,8.380634,0.294554,9.790987,88.276047,121.091736

18.9741631,-5.040944,8.385289,0.325899,9.789300,88.092194,121.012817

18.9791260,-5.031865,8.381679,0.263343,9.779650,88.456970,120.978119

18.9840889,-5.075028,8.312247,0.258746,9.742500,88.478134,121.406082

18.9890537,-5.079778,8.376727,0.298423,9.801161,88.255203,121.233276

18.9940166,-5.052723,8.375578,0.363258,9.788374,87.873199,121.101257

18.9989777,-5.131071,8.333977,0.451058,9.797271,87.361221,121.619820

19.0039425,-5.100042,8.215406,0.408441,9.678334,87.581306,121.831596

19.0089054,-5.090121,8.179914,0.424502,9.643679,87.477104,121.892792

19.0138683,-5.142429,8.235067,0.471533,9.720250,87.219467,121.982925

19.0188313,-5.191080,8.230518,0.424435,9.740066,87.502480,122.240089

19.0237961,-5.212828,8.285039,0.399353,9.796679,87.663742,122.177513

19.0287571,-5.195963,8.183267,0.452801,9.704067,87.325554,122.413498

19.0337200,-5.189920,8.179350,0.434720,9.696701,87.430466,122.395744

19.0386848,-5.196720,8.220634,0.283033,9.729586,88.333038,122.299255

19.0436478,-5.236062,8.262965,0.341202,9.788225,88.002350,122.361549

19.0486107,-5.309650,8.295985,0.417175,9.858488,87.574730,122.620316

19.0535736,-5.335421,8.253378,0.271148,9.831505,88.419609,122.880768

19.0585384,-5.366421,8.290670,0.118867,9.876630,89.310417,122.914352

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19.0734272,-5.144287,8.389742,0.097789,9.841800,89.430695,121.515121

19.0783901,-4.992064,8.454702,-0.018589,9.818505,90.108475,120.559654

19.0833530,-4.921071,8.472303,0.088681,9.798200,89.481422,120.149826

19.0883160,-4.829555,8.473520,0.239152,9.756144,88.595367,119.681343

19.0932789,-4.734830,8.517190,0.324252,9.750194,88.094223,119.070320

19.0982418,-4.714825,8.570419,0.319856,9.786928,88.127129,118.816406

19.1032047,-4.704855,8.546122,0.423113,9.764778,87.516563,118.833893

19.1081696,-4.721088,8.550097,0.440734,9.776864,87.416267,118.906067

19.1131306,-4.799848,8.627745,0.469560,9.884180,87.277069,119.088371

19.1180935,-4.813111,8.578137,0.593791,9.854089,86.545357,119.296371

19.1230583,-4.798573,8.614491,0.644021,9.881828,86.263252,119.119339

19.1280212,-4.843834,8.620285,0.707027,9.913219,85.910103,119.332115

19.1329842,-4.812977,8.564807,0.762247,9.854019,85.563515,119.333733

19.1379471,-4.817804,8.558974,0.608951,9.840635,86.452202,119.374947

19.1429100,-5.015882,8.538001,0.687490,9.926186,86.028503,120.433266

19.1478729,-4.953575,8.414058,0.694548,9.788599,85.931168,120.486427

19.1528358,-4.778836,8.440088,0.814421,9.733224,85.200203,119.518837

19.1578007,-4.742301,8.473003,0.984869,9.759671,84.208305,119.235535

19.1627636,-4.781259,8.502711,0.780424,9.785990,85.425858,119.349991

19.1677246,-4.897627,8.441439,0.677703,9.782838,86.027672,120.121819

19.1726894,-4.843480,8.457106,0.736131,9.773629,85.680504,119.800255

19.1776524,-4.815382,8.589409,0.748169,9.875504,85.655106,119.275795

19.1826153,-4.911532,8.537762,0.802565,9.882339,85.341759,119.910599

19.1875782,-4.992025,8.511962,0.737002,9.895302,85.728653,120.390419

19.1925411,-5.048557,8.519231,0.713510,9.928460,85.878876,120.651283

19.1975040,-5.032334,8.485979,0.614888,9.885056,86.433678,120.668686

19.2024670,-5.053412,8.390680,0.642518,9.815973,86.246948,121.059082

19.2074318,-5.007320,8.352010,0.616842,9.757551,86.375519,120.944153

19.2123947,-5.034575,8.326766,0.587891,9.748210,86.542526,121.158226

19.2173557,-5.075037,8.320856,0.620960,9.766178,86.354523,121.379753

19.2223206,-5.103136,8.333939,0.489097,9.784464,87.134758,121.480461

19.2272835,-5.142946,8.345028,0.381061,9.809923,87.773819,121.645058

19.2322464,-5.124817,8.395910,0.375631,9.843585,87.813065,121.399658

19.2372093,-5.145264,8.409547,0.566803,9.874993,86.709541,121.459801

19.2421722,-5.142151,8.437215,0.350530,9.886920,87.968216,121.360664

19.2471371,-5.142439,8.445499,0.252732,9.891158,88.535858,121.337112

19.2520981,-5.095474,8.483682,0.326464,9.901681,88.110588,120.989899

19.2570629,-5.004437,8.473186,0.417980,9.849567,87.567848,120.566971

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19.2769146,-4.755746,8.453265,0.348893,9.705490,87.939888,119.361794

19.2818794,-4.789955,8.471289,0.387842,9.739447,87.717781,119.485298

19.2868404,-4.757040,8.493421,0.361879,9.741590,87.871094,119.252548

19.2918053,-4.727332,8.455009,0.356525,9.693398,87.892174,119.210258

19.2967682,-4.784371,8.463560,0.305443,9.727042,88.200539,119.479073

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19.3215828,-5.088655,8.190861,0.376617,9.650205,87.763359,121.851036

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19.3315105,-5.035092,8.176084,0.449267,9.612614,87.321175,121.626083

19.3364716,-5.019406,8.244414,0.479942,9.664117,87.153389,121.334099

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19.3563251,-4.998585,8.448353,0.641560,9.837282,86.260674,120.611267

19.3612881,-5.020104,8.449608,0.687691,9.852423,85.997543,120.715515

19.3662529,-5.067155,8.421011,0.726257,9.854793,85.773712,121.036484

19.3712139,-5.136884,8.434687,0.726085,9.902460,85.795090,121.342209

19.3761787,-5.138024,8.426211,0.653991,9.890805,86.208778,121.373451

19.3811417,-5.122270,8.447654,0.616430,9.898510,86.429588,121.230705

19.3861046,-5.111113,8.401273,0.611584,9.852862,86.441261,121.315231

19.3910675,-5.098519,8.371404,0.534625,9.816371,86.877975,121.343086

19.3960304,-5.089172,8.341466,0.434979,9.781050,87.451126,121.387589

19.4009933,-5.002953,8.362563,0.484653,9.756889,87.152779,120.890221

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19.4109211,-4.950069,8.464499,0.317146,9.810786,88.147522,120.319244

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19.4208469,-4.853286,8.535387,0.230418,9.821421,88.655678,119.622887

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19.4307747,-4.811072,8.461904,0.239324,9.736915,88.591583,119.620682

19.4357357,-4.806523,8.449713,0.126538,9.721951,89.254234,119.632889

19.4406986,-4.833415,8.437923,0.192791,9.726131,88.864212,119.804962

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19.4555893,-4.900203,8.456368,0.342888,9.779557,87.990700,120.090965

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19.4655151,-4.989583,8.361280,0.435323,9.746613,87.440086,120.826584

19.4704781,-5.069579,8.362056,0.560866,9.794854,86.717377,121.226753

19.4754410,-5.175364,8.376326,0.544212,9.861206,86.836403,121.710098

19.4804058,-5.208030,8.329141,0.523133,9.837267,86.951645,122.016846

19.4853668,-5.274044,8.357248,0.499124,9.894860,87.108620,122.254967

19.4903316,-5.286570,8.297211,0.417903,9.847140,87.567696,122.503258

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19.5002575,-5.261239,8.285518,0.405645,9.823186,87.633316,122.415230

19.5052204,-5.228515,8.229628,0.339574,9.755996,88.005318,122.428947

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19.5151482,-5.162589,8.278767,0.250759,9.759773,88.527733,121.947418

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19.5498905,-4.747759,8.506273,0.356181,9.748065,87.906029,119.167984

19.5548801,-4.751543,8.493899,0.482039,9.744529,87.164558,119.222931

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19.6044827,-5.072471,8.394646,0.275170,9.812021,88.392975,121.142502

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19.6193752,-5.156249,8.495270,0.354351,9.943947,87.957840,121.255875

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19.6292992,-5.166161,8.493105,0.297714,9.945385,88.284599,121.311188

19.6342640,-5.130181,8.487129,0.276703,9.921022,88.401779,121.151535

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19.6491528,-4.930408,8.488556,0.320746,9.821781,88.128578,120.149307

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22.8255749,-5.715094,8.121458,0.411046,9.939282,87.629814,125.134163

22.8305378,-5.467064,8.212428,0.341758,9.871655,88.016014,123.651955

22.8355026,-5.221821,8.228967,0.624954,9.765955,86.330956,122.397812

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24.5329037,-4.683547,8.685560,0.936755,9.912219,84.577164,118.335045

24.5378647,-4.164005,8.720228,0.923961,9.707473,84.538300,115.524986

24.5428295,-4.129375,8.780437,0.938144,9.748227,84.477455,115.187256

24.5477924,-4.113746,8.767730,0.863407,9.723243,84.905525,115.135582

24.5527573,-4.191720,8.639505,0.732291,9.630567,85.639122,115.881760

24.5577183,-4.262953,8.660373,0.787261,9.684761,85.337357,116.208099

24.5626812,-4.428641,8.618686,0.920954,9.733589,84.570778,117.195999

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24.5726070,-4.772334,8.657472,0.748839,9.914018,85.668129,118.865257

24.5775719,-4.951295,8.703785,0.778671,10.043781,85.553528,119.634117

24.5825348,-4.829469,8.761332,0.823519,10.038072,85.294189,118.864670

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24.5924606,-4.863055,8.723265,0.550140,10.002364,86.847084,119.138840

24.5974236,-4.791688,8.737725,0.495169,9.977641,87.155365,118.739960

24.6023884,-4.694081,8.701017,0.431588,9.895877,87.500366,118.346260

24.6073494,-4.635960,8.697627,0.442669,9.865941,87.428368,118.058258

24.6123123,-4.672553,8.700261,0.334221,9.881245,88.061668,118.238419

24.6172771,-4.826864,8.653603,0.424722,9.917854,87.545616,119.152191

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24.6272030,-4.981433,8.505660,0.635986,9.877521,86.308327,120.355843

24.6321659,-4.978177,8.445518,0.694137,9.828064,85.949944,120.517059

24.6371288,-4.938213,8.511291,0.702152,9.865143,85.918518,120.122116

24.6420918,-4.795002,8.487896,0.806405,9.781959,85.271278,119.463074

24.6470547,-4.808362,8.476297,0.848745,9.782041,85.022438,119.565002

24.6520195,-4.906352,8.578760,0.796781,9.914750,85.390556,119.766037

24.6569805,-4.815477,8.456799,0.817965,9.766029,85.195503,119.658089

24.6619434,-4.924202,8.511042,0.807899,9.866017,85.302956,120.052231

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24.6817970,-5.052915,8.402479,0.693093,9.829241,85.956528,121.021019

24.6867599,-5.073563,8.366221,0.590353,9.802204,86.547188,121.234055

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24.6966858,-5.089087,8.366212,0.480229,9.804230,87.192429,121.311752

24.7016506,-5.211210,8.453840,0.517540,9.944444,87.016800,121.650970

24.7066116,-5.222702,8.413493,0.454601,9.913130,87.371582,121.830070

24.7115746,-4.882371,8.364058,0.420565,9.693910,87.513474,120.273491

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24.7463169,-4.697165,8.574105,0.394689,9.784397,87.688141,118.715317

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24.7562447,-4.774335,8.546860,0.488848,9.802146,87.141388,119.188026

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24.7810593,-5.189471,8.512010,0.546328,9.984158,86.863235,121.369186

24.7860241,-5.158834,8.544695,0.534242,9.995539,86.936188,121.121361

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24.8803234,-4.313835,8.711561,0.890442,9.761831,84.766396,116.343925

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24.8952122,-4.249258,8.795273,0.774630,9.798626,85.465752,115.786568

24.9001751,-4.267186,8.709494,0.824534,9.733653,85.140671,116.102379

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24.9349194,-4.376304,8.496860,0.663950,9.580683,86.026161,117.250710

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24.9895134,-5.226150,8.339330,0.867438,9.879753,84.962967,122.074837

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25.0987015,-4.642156,8.582179,0.757075,9.786551,85.563240,118.409241

25.1036644,-4.546647,8.636852,0.757430,9.789837,85.562653,117.763397

25.1086292,-4.550621,8.690052,0.714660,9.835441,85.833122,117.639191

25.1135941,-4.500812,8.682764,0.718088,9.806292,85.800629,117.400490

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25.1830750,-5.077393,8.284206,1.000269,9.767729,84.122299,121.504150

25.1880398,-4.944103,8.249767,1.040405,9.673947,83.826065,120.934349

25.1930027,-4.951889,8.208492,1.092129,9.648487,83.500656,121.101074

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