Keuwl Accelerometer Data File

2024-04-15 16:48:30

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

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4.6569901,-0.427717,9.660423,-0.645464,9.691406,93.818825,92.535126

4.6593375,-0.422931,9.646067,-0.607179,9.674406,93.598328,92.510521

4.6616850,-0.413360,9.646067,-0.640678,9.676153,93.796448,92.453781

4.6640329,-0.389432,9.622138,-0.602393,9.648838,93.579399,92.317635

4.6663809,-0.375075,9.636495,-0.559322,9.659998,93.319328,92.228958

4.6687288,-0.379861,9.674780,-0.573679,9.699215,93.390854,92.248451

4.6710763,-0.408574,9.636495,-0.568894,9.661915,93.375526,92.427811

4.6734238,-0.432503,9.679565,-0.564108,9.705630,93.332008,92.558388

4.6757708,-0.446860,9.660423,-0.530608,9.685299,93.140518,92.648430

4.6781182,-0.442074,9.655638,-0.511466,9.679275,93.028999,92.621399

4.6804657,-0.499502,9.674780,-0.497109,9.700412,92.937477,92.955513

4.6828127,-0.504287,9.669994,-0.525823,9.697401,93.108276,92.985252

4.6851597,-0.509073,9.660423,-0.535394,9.688631,93.167778,93.016510

4.6875072,-0.542573,9.646067,-0.535394,9.676137,93.171875,93.219383

4.6898541,-0.537787,9.655638,-0.544965,9.685946,93.225365,93.187889

4.6922011,-0.552144,9.646067,-0.521037,9.675895,93.086815,93.276054

4.6945496,-0.571286,9.655638,-0.554537,9.688406,93.281242,93.386017

4.6968966,-0.509073,9.636495,-0.535394,9.664773,93.175606,93.023987

4.6992440,-0.485145,9.636495,-0.516252,9.662500,93.062675,92.882095

4.7015915,-0.456431,9.617352,-0.521037,9.642265,93.097588,92.717171

4.7039390,-0.456431,9.636495,-0.516252,9.661101,93.063118,92.711777

4.7062860,-0.422931,9.674780,-0.530608,9.698545,93.136223,92.503082

4.7086334,-0.379861,9.636495,-0.530608,9.658565,93.149216,92.257370

4.7109804,-0.365504,9.636495,-0.549751,9.659081,93.262779,92.172134

4.7133284,-0.336790,9.660423,-0.559322,9.682461,93.311623,91.996681

4.7156754,-0.327219,9.660423,-0.511466,9.679485,93.028931,91.939987

4.7180228,-0.298505,9.665209,-0.544965,9.685162,93.225624,91.768990

4.7203708,-0.322433,9.641280,-0.540180,9.661782,93.205017,91.915428

4.7227178,-0.317647,9.679565,-0.559322,9.700913,93.305313,91.879562

4.7250652,-0.312862,9.669994,-0.559322,9.691208,93.308632,91.853096

4.7274132,-0.312862,9.665209,-0.573679,9.687273,93.395035,91.854012

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4.7368021,-0.442074,9.665209,-0.573679,9.692306,93.393272,92.618805

4.7391496,-0.475574,9.684352,-0.578465,9.713263,93.414223,92.811386

4.7414975,-0.499502,9.679565,-0.578465,9.709692,93.415474,92.954056

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4.7461929,-0.580858,9.674780,-0.621536,9.712110,93.669205,93.435822

4.7485404,-0.576072,9.655638,-0.621536,9.692755,93.676544,93.414314

4.7508879,-0.552144,9.665209,-0.631107,9.701516,93.729858,93.269577

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4.7555828,-0.518644,9.650852,-0.583251,9.682361,93.453499,93.076164

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4.7720156,-0.346361,9.646067,-0.530608,9.666857,93.146515,92.056435

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4.7814050,-0.298505,9.641280,-0.477966,9.657735,92.836754,91.773376

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4.8213091,-0.499502,9.646067,-0.525823,9.673293,93.116028,92.964294

4.8236561,-0.518644,9.679565,-0.540180,9.708489,93.189583,93.067055

4.8260045,-0.509073,9.650852,-0.540180,9.679354,93.199188,93.019501

4.8283515,-0.509073,9.626924,-0.535394,9.655230,93.178749,93.026993

4.8306985,-0.504287,9.650852,-0.521037,9.678054,93.086121,92.991165

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4.8424354,-0.437288,9.660423,-0.434896,9.680089,92.574982,92.591782

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7.9152112,-1.246062,9.526425,-2.047658,9.823358,102.031410,97.452019

7.9175587,-1.188635,9.516854,-2.038087,9.804955,101.997147,97.119255

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11.1806107,-0.145364,9.650852,-1.009173,9.704561,95.968956,90.862938

11.1829586,-0.126221,9.641280,-1.023530,9.696280,96.059380,90.750061

11.1853065,-0.145364,9.646067,-1.066601,9.705945,96.309059,90.863365

11.1876535,-0.131007,9.626924,-1.066601,9.686715,96.321632,90.779655

11.1900015,-0.111864,9.626924,-1.061815,9.685949,96.293655,90.665741

11.1923485,-0.083151,9.602996,-1.080958,9.664001,96.422203,90.496101

11.1946964,-0.083151,9.636495,-1.047458,9.693612,96.203293,90.494377

11.1970434,-0.025723,9.607781,-1.061815,9.666311,96.306496,90.153397

11.1993914,-0.035294,9.660423,-1.037887,9.716081,96.132126,90.209328

11.2017393,-0.016152,9.636495,-1.013959,9.689706,96.006592,90.096031

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11.2087812,-0.011366,9.617352,-1.004387,9.669663,95.962059,90.067711

11.2111292,-0.020937,9.622138,-1.042673,9.678489,96.184532,90.124672

11.2134762,-0.064008,9.631709,-1.061815,9.690271,96.290840,90.380753

11.2158241,-0.059222,9.617352,-1.080958,9.678091,96.412819,90.352814

11.2181730,-0.087936,9.622138,-1.080958,9.683065,96.409508,90.523605

11.2205210,-0.111864,9.641280,-1.095315,9.703943,96.480965,90.664757

11.2228680,-0.102293,9.660423,-1.104886,9.723940,96.524345,90.606674

11.2252159,-0.126221,9.631709,-1.104886,9.695696,96.543434,90.750809

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11.2299118,-0.126221,9.626924,-1.119243,9.692590,96.630966,90.751175

11.2322598,-0.126221,9.660423,-1.109671,9.724766,96.552170,90.748573

11.2346077,-0.131007,9.655638,-1.124028,9.721725,96.639404,90.777336

11.2369556,-0.145364,9.665209,-1.128814,9.731989,96.660736,90.861656

11.2393026,-0.131007,9.650852,-1.119243,9.716420,96.614632,90.777725

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11.2463465,-0.073579,9.650852,-1.124028,9.716368,96.643082,90.436821

11.2486944,-0.092722,9.631709,-1.133600,9.698632,96.712212,90.551552

11.2510424,-0.049651,9.631709,-1.133600,9.698316,96.712433,90.295357

11.2533894,-0.011366,9.588638,-1.138385,9.655985,96.770592,90.067917

11.2557373,0.007777,9.588638,-1.138385,9.655981,96.770592,89.953529

11.2580843,-0.011366,9.612567,-1.152742,9.681445,96.838272,90.067749

11.2604322,0.012562,9.583853,-1.147957,9.652368,96.830360,89.924896

11.2627792,-0.020937,9.593424,-1.109671,9.657411,96.598068,90.125046

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11.2815580,-0.159721,9.646067,-1.037887,9.703057,96.140388,90.948624

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11.3449402,-0.188435,9.622138,-1.128814,9.689958,96.689758,91.121910

11.3472872,-0.198006,9.622138,-1.100100,9.686845,96.520943,91.178879

11.3496351,-0.164507,9.631709,-1.143171,9.700707,96.767693,90.978500

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11.3637180,-0.145364,9.650852,-1.119243,9.716624,96.614494,90.862938

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18.1834602,0.471984,9.655638,-0.434896,9.676944,92.575821,87.201508

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19.1788406,0.577268,9.847063,0.182453,9.865657,88.940331,86.644966

19.1811886,0.467199,9.842278,0.024526,9.853391,89.857384,87.282295

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19.1929264,0.251845,9.540782,-0.913460,9.587719,95.467087,88.487938

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19.1999683,0.275773,9.555139,-0.343968,9.565304,92.060799,88.346832

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19.5778923,0.500698,9.703494,-0.487538,9.728627,92.872505,87.046173

19.5802422,0.538983,9.684352,-0.482752,9.711346,92.849350,86.814484

19.5825882,0.534198,9.689137,-0.535394,9.718611,93.157997,86.844269

19.5849361,0.548555,9.717851,-0.506680,9.746500,92.979912,86.769188

19.5872822,0.558126,9.717851,-0.506680,9.747044,92.979744,86.712936

19.5896301,0.524626,9.693923,-0.477966,9.719868,92.818611,86.902229

19.5919762,0.467199,9.646067,-0.463609,9.668496,92.748413,87.227097

19.5943241,0.448056,9.669994,-0.449252,9.690788,92.657112,87.347115

19.5966702,0.424128,9.602996,-0.425324,9.621762,92.533554,87.471107

19.5990200,0.404985,9.617352,-0.434896,9.635695,92.586853,87.588707

19.6013660,0.409771,9.622138,-0.449252,9.641332,92.670753,87.561462

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19.6060600,0.414557,9.626924,-0.516252,9.649665,93.066757,87.534241

19.6084080,0.409771,9.641280,-0.554537,9.665905,93.288887,87.566299

19.6107559,0.462413,9.641280,-0.540180,9.667466,93.203133,87.254097

19.6131039,0.462413,9.622138,-0.492323,9.645816,92.925652,87.248642

19.6154499,0.452842,9.646067,-0.434896,9.666478,92.578613,87.312180

19.6177979,0.462413,9.636495,-0.372682,9.654778,92.212212,87.252731

19.6201439,0.500698,9.641280,-0.363111,9.661099,92.153961,87.027145

19.6224918,0.529412,9.674780,-0.329611,9.694859,91.948349,86.867851

19.6248398,0.505484,9.669994,-0.353540,9.689649,92.090973,87.007675

19.6271877,0.534198,9.655638,-0.348754,9.676690,92.065422,86.833344

19.6295338,0.519841,9.679565,-0.410967,9.702222,92.427666,86.925888

19.6318817,0.486341,9.660423,-0.449252,9.683084,92.659225,87.117950

19.6342278,0.471984,9.607781,-0.458824,9.630303,92.730820,87.187592

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19.6412697,0.438485,9.650852,-0.525823,9.675107,93.115448,87.398567

19.6436176,0.390628,9.641280,-0.530608,9.663769,93.147522,87.679863

19.6459656,0.400200,9.631709,-0.554537,9.655956,93.292282,87.620720

19.6483135,0.419342,9.674780,-0.568894,9.700560,93.362068,87.518135

19.6506596,0.438485,9.622138,-0.535394,9.646992,93.181465,87.390816

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19.6577034,0.476770,9.698709,-0.521037,9.724389,93.071404,87.185715

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19.6717911,0.519841,9.751350,-0.554537,9.780930,93.250168,86.948471

19.6741371,0.505484,9.756136,-0.516252,9.782853,93.024963,87.034050

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19.6811810,0.419342,9.669994,-0.401396,9.687402,92.374725,87.516907

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19.6882229,0.428913,9.636495,-0.401396,9.654384,92.382851,87.451485

19.6905689,0.414557,9.636495,-0.410967,9.654159,92.439758,87.536690

19.6929169,0.419342,9.631709,-0.439681,9.650854,92.611229,87.507050

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19.6976128,0.404985,9.622138,-0.473181,9.642275,92.812836,87.589905

19.6999588,0.400200,9.588638,-0.444467,9.607273,92.651657,87.610039

19.7023067,0.424128,9.641280,-0.468395,9.661964,92.778687,87.481133

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19.7070026,0.414557,9.569496,-0.477966,9.590389,92.856697,87.519463

19.7093487,0.452842,9.593424,-0.511466,9.617715,93.048401,87.297455

19.7116966,0.476770,9.574282,-0.468395,9.597582,92.797340,87.149200

19.7140446,0.471984,9.521640,-0.501895,9.546534,93.013626,87.162193

19.7163925,0.500698,9.555139,-0.492323,9.580906,92.945488,87.000389

19.7187386,0.467199,9.564711,-0.454038,9.586872,92.714569,87.203552

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19.7281303,0.467199,9.622138,-0.521037,9.647553,93.095886,87.220215

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19.7328243,0.476770,9.650852,-0.530608,9.677179,93.143158,87.171783

19.7351704,0.462413,9.660423,-0.535394,9.686292,93.168549,87.259529

19.7375202,0.414557,9.689137,-0.559322,9.714118,93.300819,87.550056

19.7398663,0.371486,9.660423,-0.554537,9.683455,93.282921,87.797813

19.7422142,0.304487,9.679565,-0.583251,9.701900,93.446533,88.198257

19.7445602,0.285344,9.660423,-0.621536,9.684602,93.679642,88.308121

19.7469082,0.266202,9.650852,-0.631107,9.675128,93.740051,88.419998

19.7492542,0.314058,9.698709,-0.592822,9.721884,93.495956,88.145332

19.7516022,0.294915,9.713065,-0.588036,9.735317,93.462906,88.260880

19.7539482,0.371486,9.732208,-0.544965,9.754530,93.202667,87.814041

19.7562962,0.395414,9.698709,-0.473181,9.718292,92.790817,87.665359

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19.7633381,0.481556,9.569496,-0.363111,9.588483,92.170280,87.119194

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19.7727280,0.495912,9.588638,-0.492323,9.614068,92.935326,87.039368

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19.7844658,0.510269,9.746565,-0.525823,9.774068,93.083870,87.003090

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19.7915077,0.452842,9.765707,-0.530608,9.790589,93.106712,87.345062

19.7938557,0.462413,9.799207,-0.559322,9.826043,93.263176,87.298286

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19.8102875,0.510269,9.612567,-0.506680,9.639426,93.013046,86.961388

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19.8149834,0.500698,9.550353,-0.501895,9.576631,93.004150,86.998894

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