Keuwl Accelerometer Data File

2024-04-30 16:55:59

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

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17.7432995,-4.464660,8.462420,0.834523,9.604279,85.015244,117.815529

17.7482643,-4.488879,8.430195,0.820560,9.586007,85.089485,118.034241

17.7532272,-4.561443,8.393583,0.797403,9.586181,85.228477,118.521606

17.7581921,-4.630501,8.277521,0.745257,9.513901,85.507217,119.222939

17.7631531,-4.553570,8.146606,0.709220,9.359764,85.654343,119.203140

17.7681160,-4.681220,8.158932,0.805160,9.440883,85.107620,119.845222

17.7730789,-4.711789,8.043158,0.909193,9.365894,84.429245,120.362343

17.7780418,-4.739073,8.005483,0.813626,9.338552,85.001740,120.624619

17.7830067,-4.726413,8.051691,0.649825,9.359005,86.018578,120.413307

17.7879696,-4.874327,7.983983,0.708894,9.381128,85.666252,121.404617

17.7929306,-4.927421,8.045007,0.688572,9.459162,85.825508,121.486717

17.7978954,-4.884105,8.112398,0.702210,9.495187,85.758858,121.050224

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17.8078232,-4.855268,8.343390,0.424731,9.662619,87.480690,120.196404

17.8127842,-4.855096,8.422668,0.452236,9.732307,87.336647,119.960533

17.8177471,-4.727763,8.478022,0.422404,9.716328,87.508362,119.146194

17.8227119,-4.622581,8.409595,0.258593,9.599813,88.456421,118.796692

17.8276730,-4.623443,8.503036,0.243318,9.681789,88.559921,118.534706

17.8326378,-4.650402,8.543154,0.304035,9.731606,88.209671,118.561333

17.8376007,-4.623117,8.441927,0.150720,9.626113,89.102859,118.706772

17.8425617,-4.637904,8.465208,-0.051150,9.652591,90.303619,118.717377

17.8475266,-4.764519,8.425904,-0.126107,9.680517,90.746407,119.486458

17.8524895,-4.885119,8.401158,-0.133807,9.719144,90.788841,120.177216

17.8574543,-4.865928,8.443718,-0.257434,9.748840,91.513168,119.953896

17.8624153,-4.995531,8.438325,-0.180666,9.807818,91.055489,120.625748

17.8673782,-5.028839,8.446763,-0.218964,9.832851,91.276001,120.767746

17.8723431,-4.915899,8.469958,-0.335839,9.798931,91.964088,120.130554

17.8773041,-4.761320,8.560315,-0.461870,9.806247,92.699608,119.083183

17.8822689,-4.758016,8.645318,-0.340743,9.874023,91.977615,118.826523

17.8872318,-4.794571,8.617623,-0.224385,9.864161,91.303444,119.090164

17.8921947,-4.849063,8.615726,-0.093709,9.887009,90.543060,119.371475

17.8971577,-4.851409,8.591708,-0.027246,9.866832,90.158218,119.451752

17.9021206,-4.843212,8.661331,-0.070303,9.923724,90.405907,119.212891

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17.9120464,-4.740548,8.770373,-0.050317,9.969693,90.289169,118.392036

17.9170094,-4.738010,8.820162,0.075053,10.012474,89.570511,118.243782

17.9219742,-4.663502,8.832526,0.135004,9.988994,89.225609,117.833694

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17.9319000,-4.646226,8.819827,0.269712,9.972438,88.450203,117.779961

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17.9418278,-4.496828,8.735178,0.197330,9.826685,88.849365,117.239197

17.9467888,-4.455437,8.747608,0.222852,9.819431,88.699562,116.991203

17.9517517,-4.555524,8.652989,0.268917,9.782604,88.424782,117.765381

17.9567165,-4.618099,8.671147,0.220439,9.826710,88.714600,118.038971

17.9616776,-4.614172,8.557212,0.236796,9.724841,88.604729,118.334190

17.9666424,-4.538621,8.528750,0.275094,9.665110,88.368996,118.019920

17.9716053,-4.471880,8.529583,0.264511,9.634390,88.426750,117.667076

17.9765682,-4.502402,8.469450,0.253594,9.595181,88.485535,117.995331

17.9815311,-4.512716,8.496974,0.215325,9.623384,88.717888,117.972626

17.9864941,-4.500457,8.418262,0.262012,9.549340,88.427742,118.129250

17.9914589,-4.575827,8.364603,0.302273,9.539190,88.184135,118.680710

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18.0063477,-4.552258,8.447701,0.051983,9.596323,89.689629,118.319138

18.0113087,-4.414573,8.471356,0.057298,9.552780,89.656334,117.524811

18.0162735,-4.413022,8.408389,0.082916,9.496454,89.499733,117.692085

18.0212364,-4.403598,8.463598,0.043919,9.540760,89.736244,117.487892

18.0261993,-4.325930,8.539744,0.014681,9.572936,89.912132,116.865143

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18.0410900,-4.392057,8.459442,-0.094418,9.532117,90.567535,117.437889

18.0460510,-4.538822,8.494120,-0.105287,9.631307,90.626358,118.117760

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18.0708675,-4.797329,8.565687,-0.272029,9.821373,91.587166,119.251595

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18.0956821,-4.823177,8.607510,-0.385553,9.874254,92.237755,119.263885

18.1006470,-4.854503,8.617201,-0.336223,9.896231,91.946991,119.394745

18.1056099,-4.902434,8.586316,-0.213026,9.889594,91.234276,119.724594

18.1105728,-4.865248,8.550786,-0.238472,9.840907,91.388573,119.639122

18.1155357,-4.779373,8.527351,-0.314330,9.780436,91.841728,119.269569

18.1204987,-4.782255,8.571032,-0.213007,9.817225,91.243263,119.159576

18.1254616,-4.763025,8.617881,-0.232113,9.849272,91.350388,118.929031

18.1304245,-4.750326,8.536929,-0.255538,9.772924,91.498314,119.093506

18.1353874,-4.794159,8.499876,-0.097157,9.759165,90.570412,119.424171

18.1403522,-4.736784,8.547731,0.000919,9.772453,89.994606,118.993332

18.1453152,-4.730310,8.536104,0.067172,9.759377,89.605644,118.993172

18.1502781,-4.739581,8.557873,0.026403,9.782715,89.845360,118.978867

18.1552410,-4.779123,8.530368,0.096256,9.778367,89.435982,119.259651

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18.1651669,-4.711291,8.602433,0.180944,9.809732,88.943100,118.708176

18.1701298,-4.775580,8.608381,0.133606,9.845214,89.222435,119.019730

18.1750946,-4.704463,8.639889,0.208564,9.839875,88.785484,118.568512

18.1800575,-4.602422,8.628205,0.231146,9.781700,88.645950,118.076172

18.1850185,-4.551990,8.637264,0.186010,9.765119,88.908539,117.790016

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18.1949463,-4.747472,8.577256,0.164826,9.804845,89.036774,118.964325

18.1999092,-4.798498,8.596056,0.126969,9.845501,89.261086,119.171165

18.2048721,-4.856638,8.575102,0.105354,9.855476,89.387497,119.525696

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18.2197609,-4.796285,8.527505,-0.011866,9.783804,90.069489,119.355522

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18.2396145,-4.730205,8.517794,-0.147358,9.744196,90.866501,119.044823

18.2445793,-4.699301,8.421240,-0.168322,9.645157,90.999947,119.162811

18.2495403,-4.682905,8.413282,-0.154187,9.629990,90.917404,119.100685

18.2545033,-4.759357,8.376966,-0.137533,9.635557,90.817833,119.602989

18.2594681,-4.833893,8.366893,-0.297034,9.667453,91.760704,120.016769

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18.2842827,-5.091184,8.405458,-0.247570,9.830217,91.443123,121.203278

18.2892456,-5.099103,8.387281,-0.343396,9.821673,92.003647,121.297791

18.2942104,-5.063219,8.392874,-0.201084,9.803926,91.175255,121.101570

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18.3090992,-5.084106,8.374755,-0.207549,9.799375,91.213600,121.260902

18.3140640,-5.149219,8.428088,-0.127994,9.877424,90.742470,121.423233

18.3190250,-5.192191,8.410084,-0.013388,9.883751,90.077614,121.690224

18.3239880,-5.209840,8.377312,0.088892,9.865581,89.483742,121.877434

18.3289528,-5.147285,8.400622,0.098775,9.852652,89.425583,121.496910

18.3339138,-5.087468,8.391035,0.048612,9.812959,89.716164,121.228348

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18.3537674,-4.995214,8.495384,0.136967,9.856089,89.203751,120.455170

18.3587303,-4.975985,8.440740,0.129469,9.799147,89.242973,120.520195

18.3636951,-5.003642,8.457633,0.209646,9.829138,88.777847,120.609093

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18.3736210,-4.830484,8.490960,0.059692,9.769010,89.649902,119.635429

18.3785839,-4.734103,8.499396,0.161800,9.730244,89.047211,119.117493

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18.3885098,-4.711176,8.614645,0.114721,9.819391,89.330597,118.673363

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18.3984375,-4.655736,8.690540,0.069145,9.859318,89.598175,118.179047

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18.4679222,-4.797549,8.508754,0.650083,9.789687,86.192474,119.415909

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18.5026646,-4.706417,8.658324,0.638744,9.875471,86.291527,118.527237

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18.5473328,-5.166151,8.417400,0.903438,9.917558,84.773407,121.539383

18.5522957,-5.121696,8.450249,0.905200,9.922593,84.765854,121.220055

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18.7309685,-5.293398,8.270731,0.221349,9.822120,88.708687,122.619881

18.7359333,-5.292794,8.243227,0.214846,9.798501,88.743607,122.703629

18.7408943,-5.276265,8.188074,0.224136,9.743396,88.681862,122.797089

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18.8054180,-5.114197,8.303666,0.232525,9.754996,88.634140,121.628761

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18.8153419,-5.084614,8.332263,0.269185,9.764853,88.420341,121.392883

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18.8252678,-4.992724,8.334206,0.254207,9.718586,88.501160,120.924316

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18.8351936,-5.048021,8.441419,0.325238,9.841028,88.106079,120.879684

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