

[FormatInfo]
format_ver=1

[GeoMain]
adm=USA
sat_name=SkyTerra-1
long_nom=-95.000
n_diag=1

[COHeader]
beam_id=RU7
emi_rcp=R
polar_disc=C
reason=C
n_bore=1
n_cont=9

[B1]
gain=0.00
p=-120.327;36.821

[C1]
gain=-2
n_point=39
p1=-121.265;40.847
p2=-120.254;40.505
p3=-119.145;39.951
p4=-119.069;39.903
p5=-117.930;39.038
p6=-117.925;39.034
p7=-117.184;38.211
p8=-116.652;37.408
p9=-116.313;36.627
p10=-116.154;35.866
p11=-116.169;35.123
p12=-116.328;34.516
p13=-116.378;34.399
p14=-116.850;33.752
p15=-116.914;33.697
p16=-117.480;33.344
p17=-118.171;33.124
p18=-118.920;33.071
p19=-119.732;33.181
p20=-120.618;33.462
p21=-121.566;33.913
p22=-121.593;33.928
p23=-122.690;34.701
p24=-122.746;34.749
p25=-123.503;35.485
p26=-124.152;36.272
p27=-124.645;37.063
p28=-124.975;37.857
p29=-125.132;38.653
p30=-125.095;39.449
p31=-125.078;39.508
p32=-124.688;40.235
p33=-124.616;40.317

p34=-123.947;40.757
p35=-123.235;40.967
p36=-123.160;40.985
p37=-122.268;41.006
p38=-121.301;40.859
p39=-121.265;40.847

[C2]

gain=-4
n_point=55
p1=-122.172;42.595
p2=-121.148;42.329
p3=-120.044;41.912
p4=-119.352;41.574
p5=-118.892;41.324
p6=-117.885;40.659
p7=-117.684;40.507
p8=-116.862;39.789
p9=-116.371;39.272
p10=-116.091;38.949
p11=-115.516;38.133
p12=-115.089;37.338
p13=-114.796;36.562
p14=-114.628;35.802
p15=-114.581;35.058
p16=-114.657;34.328
p17=-114.707;34.143
p18=-114.893;33.615
p19=-115.165;33.128
p20=-115.323;32.918
p21=-115.729;32.505
p22=-116.098;32.242
p23=-116.351;32.091
p24=-117.017;31.834
p25=-117.720;31.695
p26=-118.461;31.668
p27=-119.244;31.751
p28=-120.075;31.948
p29=-120.963;32.267
p30=-121.405;32.475
p31=-121.930;32.746
p32=-122.747;33.253
p33=-123.012;33.439
p34=-123.760;34.028
p35=-124.313;34.530
p36=-124.599;34.806
p37=-125.300;35.588
p38=-125.897;36.376
p39=-126.393;37.170
p40=-126.783;37.971
p41=-127.059;38.777
p42=-127.209;39.588
p43=-127.213;39.981
p44=-127.185;40.401
p45=-126.976;41.126
p46=-126.934;41.213
p47=-126.467;41.839

p48=-126.258;42.009
p49=-125.801;42.310
p50=-125.022;42.601
p51=-124.236;42.729
p52=-124.155;42.741
p53=-123.211;42.737
p54=-122.207;42.604
p55=-122.172;42.595

[C3]

gain=-6
n_point=69
p1=-121.033;43.395
p2=-120.739;43.297
p3=-119.581;42.799
p4=-118.820;42.395
p5=-118.390;42.146
p6=-117.390;41.467
p7=-117.158;41.289
p8=-116.334;40.581
p9=-115.856;40.099
p10=-115.512;39.725
p11=-114.869;38.894
p12=-114.368;38.083
p13=-114.340;38.028
p14=-113.990;37.292
p15=-113.722;36.518
p16=-113.556;35.759
p17=-113.505;35.199
p18=-113.490;35.016
p19=-113.527;34.285
p20=-113.672;33.569
p21=-113.750;33.346
p22=-113.953;32.866
p23=-114.234;32.400
p24=-114.403;32.178
p25=-114.796;31.766
p26=-115.125;31.507
p27=-115.404;31.318
p28=-116.047;31.006
p29=-116.493;30.869
p30=-116.721;30.803
p31=-117.424;30.697
p32=-118.157;30.680
p33=-118.924;30.751
p34=-119.728;30.913
p35=-120.073;31.017
p36=-120.578;31.175
p37=-121.483;31.549
p38=-121.976;31.799
p39=-122.463;32.065
p40=-123.256;32.567
p41=-123.548;32.772
p42=-124.282;33.334
p43=-124.819;33.797
p44=-125.159;34.105
p45=-125.921;34.881

p46=-126.578;35.646
p47=-126.593;35.665
p48=-127.182;36.455
p49=-127.691;37.253
p50=-128.119;38.059
p51=-128.459;38.872
p52=-128.494;38.991
p53=-128.696;39.691
p54=-128.813;40.516
p55=-128.807;40.949
p56=-128.774;41.344
p57=-128.576;42.057
p58=-128.525;42.172
p59=-128.103;42.814
p60=-127.925;42.989
p61=-127.475;43.353
p62=-126.730;43.725
p63=-126.577;43.769
p64=-125.887;43.953
p65=-124.967;44.053
p66=-123.983;44.037
p67=-122.944;43.906
p68=-121.861;43.661
p69=-121.033;43.395

[C4]

gain=-8
n_point=77
p1=-121.043;44.286
p2=-120.155;43.941
p3=-118.956;43.363
p4=-118.775;43.261
p5=-117.729;42.629
p6=-117.272;42.311
p7=-116.470;41.692
p8=-116.133;41.404
p9=-115.236;40.529
p10=-115.155;40.438
p11=-114.518;39.680
p12=-113.944;38.853
p13=-113.650;38.334
p14=-113.490;38.047
p15=-113.142;37.258
p16=-112.890;36.486
p17=-112.729;35.728
p18=-112.656;34.985
p19=-112.658;34.819
p20=-112.670;34.254
p21=-112.776;33.537
p22=-112.933;32.997
p23=-112.988;32.832
p24=-113.324;32.139
p25=-113.411;32.002
p26=-113.828;31.461
p27=-113.961;31.317
p28=-114.554;30.817
p29=-114.584;30.798

p30=-115.178;30.451
p31=-115.829;30.189
p32=-115.925;30.164
p33=-116.505;30.017
p34=-117.206;29.926
p35=-117.933;29.914
p36=-118.688;29.979
p37=-119.476;30.123
p38=-120.253;30.338
p39=-120.302;30.352
p40=-121.174;30.674
p41=-122.102;31.105
p42=-122.112;31.110
p43=-123.107;31.675
p44=-123.411;31.870
p45=-124.223;32.435
p46=-124.484;32.631
p47=-125.408;33.395
p48=-125.525;33.503
p49=-126.226;34.166
p50=-126.958;34.943
p51=-127.321;35.377
p52=-127.618;35.728
p53=-128.211;36.521
p54=-128.736;37.322
p55=-129.193;38.131
p56=-129.574;38.949
p57=-129.747;39.432
p58=-129.872;39.774
p59=-130.073;40.607
p60=-130.152;41.438
p61=-130.152;41.446
p62=-130.075;42.288
p63=-129.991;42.607
p64=-129.781;43.130
p65=-129.592;43.452
p66=-129.147;43.962
p67=-129.026;44.078
p68=-128.328;44.534
p69=-127.774;44.755
p70=-127.526;44.850
p71=-126.638;45.044
p72=-125.677;45.123
p73=-124.656;45.096
p74=-123.586;44.966
p75=-122.475;44.733
p76=-121.329;44.393
p77=-121.043;44.286

[C5]

gain=-10
n_point=85
p1=-121.664;45.236
p2=-120.653;44.877
p3=-119.438;44.339
p4=-119.109;44.168
p5=-118.204;43.672

p6=-117.443;43.187
p7=-116.948;42.844
p8=-116.188;42.255
p9=-115.663;41.799
p10=-115.194;41.358
p11=-114.392;40.490
p12=-114.323;40.404
p13=-113.735;39.646
p14=-113.207;38.823
p15=-112.787;38.019
p16=-112.745;37.917
p17=-112.459;37.232
p18=-112.219;36.461
p19=-112.064;35.704
p20=-112.011;35.187
p21=-111.988;34.961
p22=-111.987;34.231
p23=-112.071;33.513
p24=-112.203;32.968
p25=-112.246;32.807
p26=-112.522;32.112
p27=-112.661;31.856
p28=-112.928;31.430
p29=-113.194;31.089
p30=-113.506;30.761
p31=-113.770;30.520
p32=-114.353;30.108
p33=-114.377;30.093
p34=-115.008;29.770
p35=-115.663;29.541
p36=-115.897;29.487
p37=-116.339;29.387
p38=-117.036;29.306
p39=-117.758;29.296
p40=-118.505;29.357
p41=-119.282;29.490
p42=-119.875;29.643
p43=-120.092;29.699
p44=-120.940;29.986
p45=-121.839;30.371
p46=-121.924;30.413
p47=-122.798;30.865
p48=-123.309;31.168
p49=-123.841;31.505
p50=-124.445;31.923
p51=-125.007;32.347
p52=-125.429;32.682
p53=-126.300;33.446
p54=-126.388;33.530
p55=-127.092;34.217
p56=-127.808;34.995
p57=-128.402;35.711
p58=-128.461;35.781
p59=-129.063;36.576
p60=-129.604;37.380
p61=-130.084;38.193
p62=-130.497;39.014

p63=-130.568;39.194
p64=-130.842;39.845
p65=-131.103;40.684
p66=-131.257;41.530
p67=-131.258;41.545
p68=-131.293;42.383
p69=-131.236;42.863
p70=-131.159;43.238
p71=-130.940;43.823
p72=-130.788;44.092
p73=-130.455;44.548
p74=-130.031;44.933
p75=-129.825;45.098
p76=-129.077;45.505
p77=-128.412;45.724
p78=-128.230;45.784
p79=-127.305;45.955
p80=-126.309;46.020
p81=-125.255;45.984
p82=-124.155;45.853
p83=-123.016;45.626
p84=-121.845;45.299
p85=-121.664;45.236

[C6]

gain=-15
n_point=97
p1=-124.084;47.295
p2=-122.895;47.005
p3=-121.655;46.617
p4=-120.393;46.124
p5=-120.293;46.079
p6=-119.128;45.544
p7=-118.173;45.021
p8=-117.849;44.834
p9=-116.622;44.029
p10=-116.561;43.985
p11=-115.407;43.082
p12=-115.260;42.954
p13=-114.415;42.169
p14=-113.931;41.654
p15=-113.598;41.285
p16=-112.918;40.426
p17=-112.529;39.848
p18=-112.355;39.589
p19=-111.885;38.771
p20=-111.510;37.971
p21=-111.219;37.187
p22=-111.002;36.418
p23=-110.854;35.663
p24=-110.774;34.920
p25=-110.763;34.191
p26=-110.825;33.472
p27=-110.850;33.336
p28=-110.950;32.765
p29=-111.158;32.069
p30=-111.244;31.861

p31=-111.453;31.383
p32=-111.741;30.888
p33=-111.859;30.708
p34=-112.286;30.168
p35=-112.401;30.045
p36=-112.863;29.608
p37=-113.146;29.395
p38=-113.463;29.170
p39=-114.084;28.832
p40=-114.251;28.763
p41=-114.722;28.567
p42=-115.378;28.376
p43=-116.053;28.254
p44=-116.746;28.193
p45=-116.911;28.192
p46=-117.458;28.186
p47=-118.139;28.237
p48=-118.191;28.241
p49=-118.948;28.351
p50=-119.732;28.525
p51=-120.549;28.770
p52=-121.228;29.028
p53=-121.405;29.095
p54=-122.303;29.494
p55=-122.844;29.775
p56=-123.261;29.997
p57=-124.128;30.519
p58=-124.293;30.624
p59=-125.228;31.265
p60=-125.429;31.414
p61=-126.211;32.017
p62=-126.732;32.460
p63=-127.100;32.775
p64=-127.918;33.540
p65=-128.370;34.006
p66=-128.675;34.312
p67=-129.387;35.094
p68=-130.046;35.884
p69=-130.660;36.683
p70=-131.231;37.493
p71=-131.758;38.312
p72=-132.237;39.142
p73=-132.660;39.982
p74=-133.012;40.831
p75=-133.151;41.272
p76=-133.293;41.690
p77=-133.491;42.559
p78=-133.537;43.024
p79=-133.572;43.435
p80=-133.514;44.256
p81=-133.505;44.317
p82=-133.240;45.200
p83=-133.239;45.200
p84=-132.783;45.946
p85=-132.662;46.076
p86=-132.181;46.536
p87=-131.537;46.925

p88=-131.443;46.981
p89=-130.612;47.324
p90=-129.679;47.548
p91=-128.764;47.659
p92=-128.668;47.672
p93=-127.604;47.716
p94=-126.482;47.667
p95=-125.316;47.529
p96=-124.114;47.302
p97=-124.084;47.295

[C7]

gain=-20
n_point=163
p1=-168.415;57.421
p2=-166.683;59.970
p3=-161.017;59.636
p4=-157.941;59.712
p5=-156.121;59.878
p6=-155.513;59.869
p7=-152.404;59.754
p8=-149.652;59.653
p9=-147.113;59.546
p10=-144.699;59.413
p11=-142.350;59.236
p12=-140.026;58.995
p13=-137.726;58.684
p14=-135.467;58.309
p15=-133.280;57.887
p16=-131.187;57.436
p17=-129.191;56.966
p18=-127.290;56.483
p19=-127.163;56.447
p20=-125.308;55.814
p21=-123.503;55.208
p22=-122.188;54.752
p23=-121.774;54.577
p24=-120.056;53.836
p25=-118.815;53.299
p26=-118.443;53.108
p27=-116.844;52.259
p28=-116.365;51.988
p29=-115.272;51.288
p30=-114.513;50.774
p31=-113.736;50.189
p32=-113.048;49.631
p33=-112.229;48.917
p34=-111.833;48.541
p35=-110.775;47.504
p36=-110.767;47.495
p37=-109.917;46.489
p38=-109.359;45.865
p39=-109.086;45.513
p40=-108.375;44.567
p41=-108.027;44.123
p42=-107.720;43.647
p43=-107.169;42.752

p44=-106.729;42.059
p45=-106.636;41.877
p46=-106.253;41.024
p47=-105.904;40.190
p48=-105.582;39.371
p49=-105.311;38.646
p50=-105.288;38.568
p51=-105.094;37.781
p52=-104.933;37.007
p53=-104.804;36.246
p54=-104.710;35.497
p55=-104.651;34.759
p56=-104.624;34.044
p57=-104.624;34.032
p58=-104.699;33.317
p59=-104.777;32.610
p60=-104.858;31.912
p61=-104.944;31.222
p62=-104.946;31.215
p63=-105.145;30.542
p64=-105.310;29.869
p65=-105.406;29.530
p66=-105.539;29.203
p67=-105.799;28.545
p68=-105.912;28.285
p69=-106.129;27.894
p70=-106.443;27.298
p71=-106.474;27.250
p72=-106.921;26.614
p73=-106.993;26.516
p74=-107.443;25.984
p75=-107.555;25.860
p76=-108.049;25.362
p77=-108.125;25.292
p78=-108.703;24.811
p79=-108.783;24.747
p80=-109.292;24.415
p81=-109.679;24.141
p82=-109.880;24.028
p83=-110.478;23.709
p84=-110.758;23.543
p85=-111.078;23.413
p86=-111.688;23.175
p87=-112.194;22.959
p88=-112.298;22.930
p89=-112.924;22.787
p90=-113.556;22.662
p91=-114.194;22.557
p92=-114.839;22.478
p93=-115.494;22.434
p94=-115.631;22.433
p95=-116.162;22.438
p96=-116.706;22.463
p97=-116.841;22.471
p98=-117.535;22.553
p99=-118.242;22.667
p100=-118.962;22.806

p101=-119.695;22.966
p102=-120.441;23.145
p103=-120.662;23.206
p104=-121.221;23.418
p105=-122.019;23.708
p106=-122.529;23.899
p107=-122.844;24.052
p108=-123.701;24.447
p109=-124.001;24.587
p110=-124.600;24.917
p111=-125.309;25.278
p112=-125.529;25.407
p113=-126.500;25.948
p114=-126.548;25.976
p115=-127.534;26.577
p116=-127.698;26.679
p117=-128.628;27.266
p118=-128.816;27.391
p119=-129.804;28.043
p120=-129.897;28.110
p121=-130.888;28.834
p122=-131.118;28.996
p123=-131.815;29.563
p124=-132.639;30.199
p125=-132.761;30.304
p126=-133.579;31.048
p127=-134.474;31.806
p128=-134.568;31.886
p129=-135.267;32.568
p130=-136.075;33.342
p131=-136.935;34.131
p132=-137.493;34.633
p133=-137.795;34.932
p134=-138.596;35.741
p135=-139.412;36.564
p136=-140.242;37.401
p137=-141.088;38.254
p138=-141.958;39.124
p139=-142.861;40.012
p140=-143.809;40.921
p141=-144.812;41.854
p142=-145.427;42.418
p143=-145.811;42.804
p144=-146.783;43.773
p145=-147.869;44.774
p146=-149.080;45.811
p147=-149.146;45.870
p148=-150.089;46.851
p149=-151.400;47.951
p150=-151.593;48.111
p151=-152.536;49.060
p152=-153.731;49.979
p153=-153.992;50.236
p154=-155.582;51.463
p155=-155.907;51.692
p156=-157.298;52.744
p157=-158.104;53.262

p158=-159.462;54.123
p159=-160.547;54.765
p160=-162.249;55.631
p161=-163.287;56.194
p162=-167.232;57.486
p163=-167.403;59.443

[C8]

gain=-20
n_point=145
p1=-130.620;54.281
p2=-130.123;54.207
p3=-128.532;53.925
p4=-126.943;53.584
p5=-125.333;53.148
p6=-123.646;52.532
p7=-123.556;52.494
p8=-122.136;52.041
p9=-120.566;51.370
p10=-120.085;51.122
p11=-119.059;50.676
p12=-117.667;49.891
p13=-117.535;49.821
p14=-116.100;48.981
p15=-115.742;48.742
p16=-114.688;48.028
p17=-114.179;47.655
p18=-113.298;46.943
p19=-112.897;46.619
p20=-111.924;45.677
p21=-111.866;45.625
p22=-110.909;44.662
p23=-110.591;44.261
p24=-110.100;43.731
p25=-109.453;42.827
p26=-109.257;42.511
p27=-108.812;41.944
p28=-108.295;41.084
p29=-107.919;40.289
p30=-107.889;40.245
p31=-107.416;39.420
p32=-107.088;38.614
p33=-106.841;37.824
p34=-106.650;37.048
p35=-106.505;36.285
p36=-106.399;35.535
p37=-106.331;34.796
p38=-106.306;34.068
p39=-106.343;33.351
p40=-106.494;32.646
p41=-106.502;32.621
p42=-106.570;31.947
p43=-106.744;31.259
p44=-106.925;30.877
p45=-107.003;30.580
p46=-107.281;29.909
p47=-107.422;29.681

p48=-107.610;29.246
p49=-107.949;28.726
p50=-108.023;28.591
p51=-108.481;27.943
p52=-108.493;27.928
p53=-108.959;27.303
p54=-109.043;27.200
p55=-109.540;26.670
p56=-109.608;26.594
p57=-110.186;26.085
p58=-110.242;26.045
p59=-110.768;25.619
p60=-111.140;25.431
p61=-111.369;25.273
p62=-111.979;24.989
p63=-112.524;24.835
p64=-112.606;24.796
p65=-113.228;24.573
p66=-113.869;24.442
p67=-114.521;24.360
p68=-115.184;24.313
p69=-115.732;24.296
p70=-115.854;24.285
p71=-116.532;24.273
p72=-117.226;24.315
p73=-117.492;24.351
p74=-117.934;24.388
p75=-118.652;24.478
p76=-119.387;24.606
p77=-120.144;24.791
p78=-120.939;25.075
p79=-121.010;25.105
p80=-121.735;25.317
p81=-122.573;25.655
p82=-122.900;25.819
p83=-123.440;26.035
p84=-124.347;26.526
p85=-124.366;26.535
p86=-125.315;27.031
p87=-125.643;27.237
p88=-126.342;27.665
p89=-126.767;27.951
p90=-127.463;28.439
p91=-127.786;28.669
p92=-128.702;29.391
p93=-128.715;29.400
p94=-129.677;30.126
p95=-130.099;30.497
p96=-130.581;30.867
p97=-131.426;31.615
p98=-131.767;31.949
p99=-132.294;32.375
p100=-133.117;33.143
p101=-133.853;33.917
p102=-134.067;34.153
p103=-134.681;34.708
p104=-135.479;35.509

p105=-136.236;36.320
p106=-136.979;37.143
p107=-137.719;37.979
p108=-138.460;38.830
p109=-139.196;39.695
p110=-139.912;40.574
p111=-140.571;41.465
p112=-140.968;42.124
p113=-141.175;42.368
p114=-141.943;43.304
p115=-142.627;44.253
p116=-142.964;44.865
p117=-143.254;45.216
p118=-144.028;46.216
p119=-144.413;46.938
p120=-144.632;47.223
p121=-145.303;48.262
p122=-145.437;48.595
p123=-145.844;49.314
p124=-145.998;49.902
p125=-146.111;50.365
p126=-146.141;50.939
p127=-146.025;51.407
p128=-145.952;51.783
p129=-145.357;52.404
p130=-145.347;52.413
p131=-144.910;53.104
p132=-144.217;53.401
p133=-144.066;53.588
p134=-143.211;54.064
p135=-141.971;54.297
p136=-141.956;54.308
p137=-140.996;54.714
p138=-139.654;54.882
p139=-138.146;54.923
p140=-136.564;54.883
p141=-136.460;54.876
p142=-135.083;54.879
p143=-133.485;54.751
p144=-131.813;54.517
p145=-130.620;54.281

[C9]

gain=-20
n_point=105
p1=-124.381;48.302
p2=-123.652;48.135
p3=-122.375;47.766
p4=-121.078;47.301
p5=-120.478;47.046
p6=-119.777;46.748
p7=-118.470;46.090
p8=-118.229;45.953
p9=-117.164;45.320
p10=-116.587;44.932
p11=-115.851;44.400
p12=-115.294;43.960

p13=-114.530;43.293
p14=-114.240;43.025
p15=-113.365;42.122
p16=-113.192;41.919
p17=-112.620;41.244
p18=-112.005;40.389
p19=-111.790;40.042
p20=-111.482;39.555
p21=-111.046;38.740
p22=-110.699;37.942
p23=-110.427;37.160
p24=-110.223;36.392
p25=-110.082;35.638
p26=-110.002;34.896
p27=-109.985;34.166
p28=-110.036;33.448
p29=-110.090;33.117
p30=-110.145;32.741
p31=-110.319;32.044
p32=-110.487;31.594
p33=-110.577;31.357
p34=-110.917;30.680
p35=-110.981;30.576
p36=-111.358;30.014
p37=-111.519;29.810
p38=-111.937;29.358
p39=-112.088;29.210
p40=-112.679;28.736
p41=-112.711;28.714
p42=-113.286;28.345
p43=-113.834;28.088
p44=-113.912;28.050
p45=-114.551;27.810
p46=-115.208;27.642
p47=-115.881;27.536
p48=-116.206;27.510
p49=-116.568;27.477
p50=-117.273;27.471
p51=-117.999;27.522
p52=-118.466;27.591
p53=-118.746;27.629
p54=-119.516;27.785
p55=-120.315;28.005
p56=-121.150;28.302
p57=-121.299;28.364
p58=-122.019;28.657
p59=-122.929;29.104
p60=-122.940;29.110
p61=-123.916;29.645
p62=-124.236;29.841
p63=-124.971;30.310
p64=-125.369;30.581
p65=-126.138;31.143
p66=-126.380;31.326
p67=-127.303;32.077
p68=-127.478;32.233
p69=-128.166;32.836

p70=-128.955;33.602
p71=-129.166;33.824
p72=-129.712;34.377
p73=-130.422;35.161
p74=-131.088;35.954
p75=-131.716;36.756
p76=-132.310;37.570
p77=-132.869;38.393
p78=-133.389;39.229
p79=-133.863;40.075
p80=-134.277;40.931
p81=-134.558;41.652
p82=-134.621;41.798
p83=-134.921;42.678
p84=-135.088;43.488
p85=-135.105;43.565
p86=-135.200;44.463
p87=-135.188;44.806
p88=-135.135;45.366
p89=-135.021;45.832
p90=-134.850;46.269
p91=-134.651;46.652
p92=-134.235;47.164
p93=-134.109;47.305
p94=-133.434;47.829
p95=-133.034;48.029
p96=-132.638;48.234
p97=-131.741;48.536
p98=-130.743;48.725
p99=-130.206;48.774
p100=-129.682;48.835
p101=-128.562;48.863
p102=-127.388;48.803
p103=-126.171;48.660
p104=-124.920;48.433
p105=-124.381;48.302