

[FormatInfo]
format_ver=1

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

[COHeader]
beam_id=RD11
emi_rcp=E
polar_disc=C
reason=C
n_bore=1
n_cont=9

[B1]
gain=0.00
p=-85.066;36.249

[C1]
gain=-2
n_point=39
p1=-83.622;40.202
p2=-82.930;39.941
p3=-82.259;39.473
p4=-82.218;39.431
p5=-81.676;38.650
p6=-81.674;38.645
p7=-81.449;37.872
p8=-81.390;37.102
p9=-81.483;36.339
p10=-81.721;35.584
p11=-82.101;34.836
p12=-82.539;34.215
p13=-82.640;34.094
p14=-83.375;33.415
p15=-83.460;33.356
p16=-84.137;32.967
p17=-84.863;32.705
p18=-85.560;32.606
p19=-86.236;32.666
p20=-86.893;32.890
p21=-87.519;33.279
p22=-87.535;33.292
p23=-88.125;33.986
p24=-88.151;34.030
p25=-88.447;34.707
p26=-88.610;35.440
p27=-88.625;36.186
p28=-88.489;36.945
p29=-88.192;37.719
p30=-87.720;38.508
p31=-87.673;38.567
p32=-86.930;39.316
p33=-86.823;39.403

p34=-85.997;39.894
p35=-85.264;40.161
p36=-85.189;40.185
p37=-84.405;40.278
p38=-83.648;40.210
p39=-83.622;40.202

[C2]

gain=-4
n_point=55
p1=-83.283;41.879
p2=-82.553;41.701
p3=-81.832;41.376
p4=-81.421;41.094
p5=-81.158;40.880
p6=-80.642;40.292
p7=-80.550;40.154
p8=-80.214;39.494
p9=-80.057;39.009
p10=-79.979;38.704
p11=-79.895;37.922
p12=-79.924;37.148
p13=-80.056;36.383
p14=-80.285;35.626
p15=-80.610;34.877
p16=-81.032;34.136
p17=-81.167;33.946
p18=-81.587;33.402
p19=-82.064;32.896
p20=-82.306;32.674
p21=-82.867;32.235
p22=-83.324;31.950
p23=-83.622;31.784
p24=-84.344;31.487
p25=-85.043;31.307
p26=-85.724;31.238
p27=-86.390;31.275
p28=-87.045;31.422
p29=-87.689;31.687
p30=-87.985;31.866
p31=-88.323;32.103
p32=-88.803;32.554
p33=-88.947;32.721
p34=-89.316;33.255
p35=-89.551;33.714
p36=-89.662;33.967
p37=-89.872;34.690
p38=-89.978;35.424
p39=-89.981;36.169
p40=-89.881;36.927
p41=-89.670;37.698
p42=-89.339;38.483
p43=-89.118;38.870
p44=-88.852;39.285
p45=-88.252;40.015
p46=-88.166;40.104
p47=-87.400;40.760

p48=-87.123;40.946
p49=-86.556;41.282
p50=-85.721;41.638
p51=-84.974;41.834
p52=-84.898;41.853
p53=-84.092;41.931
p54=-83.308;41.885
p55=-83.283;41.879

[C3]

gain=-6
n_point=69
p1=-81.703;42.787
p2=-81.506;42.714
p3=-80.795;42.314
p4=-80.366;41.973
p5=-80.133;41.758
p6=-79.641;41.155
p7=-79.537;40.994
p8=-79.204;40.343
p9=-79.045;39.892
p10=-78.942;39.540
p11=-78.816;38.745
p12=-78.795;37.960
p13=-78.800;37.905
p14=-78.867;37.184
p15=-79.021;36.417
p16=-79.252;35.659
p17=-79.484;35.094
p18=-79.560;34.910
p19=-79.949;34.168
p20=-80.424;33.435
p21=-80.601;33.204
p22=-81.011;32.708
p23=-81.485;32.221
p24=-81.742;31.987
p25=-82.289;31.550
p26=-82.708;31.271
p27=-83.047;31.065
p28=-83.773;30.717
p29=-84.241;30.554
p30=-84.476;30.476
p31=-85.162;30.330
p32=-85.833;30.273
p33=-86.492;30.301
p34=-87.142;30.417
p35=-87.405;30.500
p36=-87.784;30.628
p37=-88.419;30.947
p38=-88.742;31.166
p39=-89.048;31.400
p40=-89.510;31.847
p41=-89.670;32.032
p42=-90.041;32.540
p43=-90.282;32.962
p44=-90.425;33.243
p45=-90.693;33.956

p46=-90.864;34.663
p47=-90.868;34.680
p48=-90.954;35.414
p49=-90.958;36.160
p50=-90.876;36.917
p51=-90.706;37.687
p52=-90.668;37.801
p53=-90.434;38.471
p54=-90.049;39.269
p55=-89.786;39.695
p56=-89.522;40.084
p57=-88.925;40.800
p58=-88.812;40.917
p59=-88.066;41.585
p60=-87.810;41.774
p61=-87.208;42.172
p62=-86.353;42.606
p63=-86.198;42.663
p64=-85.504;42.908
p65=-84.665;43.091
p66=-83.841;43.164
p67=-83.036;43.128
p68=-82.256;42.980
p69=-81.703;42.787

[C4]

gain=-8
n_point=77
p1=-81.053;43.688
p2=-80.496;43.422
p3=-79.801;42.945
p4=-79.704;42.858
p5=-79.163;42.309
p6=-78.946;42.026
p7=-78.596;41.465
p8=-78.461;41.200
p9=-78.156;40.383
p10=-78.136;40.297
p11=-77.984;39.576
p12=-77.917;38.779
p13=-77.930;38.272
p14=-77.937;37.991
p15=-78.035;37.214
p16=-78.204;36.445
p17=-78.440;35.687
p18=-78.743;34.936
p19=-78.827;34.768
p20=-79.112;34.194
p21=-79.554;33.461
p22=-79.953;32.905
p23=-80.081;32.734
p24=-80.711;32.015
p25=-80.854;31.871
p26=-81.483;31.301
p27=-81.670;31.149
p28=-82.437;30.613
p29=-82.473;30.592

p30=-83.172;30.210
p31=-83.881;29.913
p32=-83.981;29.882
p33=-84.573;29.703
p34=-85.249;29.575
p35=-85.914;29.524
p36=-86.568;29.547
p37=-87.214;29.648
p38=-87.815;29.819
p39=-87.853;29.830
p40=-88.486;30.100
p41=-89.115;30.474
p42=-89.121;30.479
p43=-89.740;30.979
p44=-89.916;31.153
p45=-90.361;31.661
p46=-90.495;31.838
p47=-90.927;32.532
p48=-90.975;32.631
p49=-91.251;33.236
p50=-91.483;33.950
p51=-91.569;34.351
p52=-91.637;34.674
p53=-91.718;35.408
p54=-91.724;36.154
p55=-91.656;36.911
p56=-91.508;37.680
p57=-91.372;38.138
p58=-91.274;38.463
p59=-90.945;39.260
p60=-90.506;40.065
p61=-90.502;40.072
p62=-89.917;40.902
p63=-89.649;41.222
p64=-89.146;41.752
p65=-88.786;42.085
p66=-88.093;42.626
p67=-87.919;42.751
p68=-87.050;43.264
p69=-86.450;43.534
p70=-86.182;43.651
p71=-85.319;43.926
p72=-84.466;44.095
p73=-83.625;44.164
p74=-82.803;44.135
p75=-82.003;44.006
p76=-81.232;43.770
p77=-81.053;43.688

[C5]

gain=-10
n_point=85
p1=-80.881;44.594
p2=-80.238;44.326
p3=-79.521;43.895
p4=-79.341;43.752
p5=-78.853;43.331

p6=-78.479;42.906
p7=-78.247;42.600
p8=-77.923;42.067
p9=-77.723;41.646
p10=-77.559;41.236
p11=-77.335;40.416
p12=-77.322;40.334
p13=-77.215;39.606
p14=-77.188;38.807
p15=-77.240;38.018
p16=-77.255;37.917
p17=-77.355;37.239
p18=-77.536;36.470
p19=-77.778;35.710
p20=-77.989;35.187
p21=-78.079;34.959
p22=-78.436;34.216
p23=-78.859;33.482
p24=-79.239;32.922
p25=-79.354;32.756
p26=-79.931;32.036
p27=-80.177;31.769
p28=-80.617;31.324
p29=-81.016;30.964
p30=-81.450;30.616
p31=-81.799;30.359
p32=-82.517;29.913
p33=-82.546;29.896
p34=-83.266;29.538
p35=-83.965;29.274
p36=-84.202;29.208
p37=-84.648;29.084
p38=-85.318;28.967
p39=-85.977;28.919
p40=-86.627;28.940
p41=-87.269;29.031
p42=-87.735;29.151
p43=-87.905;29.195
p44=-88.537;29.434
p45=-89.164;29.765
p46=-89.221;29.803
p47=-89.789;30.200
p48=-90.100;30.469
p49=-90.411;30.770
p50=-90.744;31.146
p51=-91.032;31.529
p52=-91.236;31.832
p53=-91.615;32.527
p54=-91.649;32.605
p55=-91.908;33.232
p56=-92.119;33.946
p57=-92.247;34.605
p58=-92.259;34.670
p59=-92.337;35.404
p60=-92.348;36.150
p61=-92.289;36.906
p62=-92.157;37.675

p63=-92.112;37.844
p64=-91.951;38.457
p65=-91.659;39.253
p66=-91.264;40.065
p67=-91.256;40.079
p68=-90.757;40.893
p69=-90.404;41.367
p70=-90.100;41.740
p71=-89.542;42.330
p72=-89.243;42.608
p73=-88.671;43.085
p74=-88.073;43.502
p75=-87.794;43.685
p76=-86.914;44.155
p77=-86.225;44.435
p78=-86.034;44.512
p79=-85.158;44.772
p80=-84.291;44.932
p81=-83.436;45.000
p82=-82.599;44.975
p83=-81.783;44.857
p84=-80.995;44.640
p85=-80.881;44.594

[C6]

gain=-15
n_point=97
p1=-81.324;46.442
p2=-80.519;46.271
p3=-79.725;46.003
p4=-78.971;45.627
p5=-78.915;45.592
p6=-78.255;45.160
p7=-77.761;44.719
p8=-77.595;44.559
p9=-77.025;43.850
p10=-76.997;43.810
p11=-76.531;42.990
p12=-76.479;42.871
p13=-76.196;42.141
p14=-76.069;41.654
p15=-75.983;41.304
p16=-75.865;40.479
p17=-75.842;39.916
p18=-75.829;39.665
p19=-75.853;38.862
p20=-75.946;38.070
p21=-76.098;37.289
p22=-76.301;36.517
p23=-76.553;35.755
p24=-76.852;35.003
p25=-77.203;34.259
p26=-77.610;33.523
p27=-77.698;33.384
p28=-78.061;32.796
p29=-78.580;32.077
p30=-78.756;31.861

p31=-79.168;31.364
p32=-79.659;30.847
p33=-79.849;30.658
p34=-80.485;30.088
p35=-80.646;29.958
p36=-81.263;29.493
p37=-81.618;29.263
p38=-82.008;29.020
p39=-82.725;28.649
p40=-82.909;28.571
p41=-83.425;28.350
p42=-84.107;28.126
p43=-84.777;27.970
p44=-85.435;27.874
p45=-85.586;27.865
p46=-86.085;27.831
p47=-86.682;27.848
p48=-86.728;27.849
p49=-87.364;27.921
p50=-87.995;28.053
p51=-88.622;28.254
p52=-89.118;28.474
p53=-89.246;28.530
p54=-89.868;28.877
p55=-90.222;29.125
p56=-90.489;29.321
p57=-91.014;29.786
p58=-91.110;29.880
p59=-91.628;30.457
p60=-91.732;30.591
p61=-92.121;31.136
p62=-92.356;31.538
p63=-92.517;31.824
p64=-92.833;32.521
p65=-92.981;32.947
p66=-93.081;33.226
p67=-93.271;33.940
p68=-93.399;34.665
p69=-93.469;35.399
p70=-93.485;36.144
p71=-93.444;36.901
p72=-93.344;37.669
p73=-93.178;38.451
p74=-92.935;39.245
p75=-92.770;39.661
p76=-92.616;40.055
p77=-92.210;40.881
p78=-91.941;41.327
p79=-91.693;41.723
p80=-91.092;42.526
p81=-91.044;42.586
p82=-90.226;43.470
p83=-90.225;43.470
p84=-89.344;44.241
p85=-89.157;44.380
p86=-88.450;44.876
p87=-87.666;45.322

p88=-87.550;45.387
p89=-86.644;45.808
p90=-85.739;46.124
p91=-84.925;46.327
p92=-84.838;46.350
p93=-83.941;46.503
p94=-83.057;46.569
p95=-82.190;46.551
p96=-81.344;46.446
p97=-81.324;46.442

[C7]

gain=-20
n_point=167
p1=-73.248;55.614
p2=-72.436;55.209
p3=-71.544;54.823
p4=-70.867;54.523
p5=-70.693;54.393
p6=-69.944;53.836
p7=-69.353;53.430
p8=-69.212;53.274
p9=-68.594;52.572
p10=-68.416;52.342
p11=-68.094;51.726
p12=-67.879;51.268
p13=-67.712;50.732
p14=-67.592;50.212
p15=-67.476;49.540
p16=-67.445;49.180
p17=-67.350;48.185
p18=-67.350;48.176
p19=-67.408;47.188
p20=-67.377;46.580
p21=-67.401;46.231
p22=-67.459;45.294
p23=-67.452;44.856
p24=-67.516;44.379
p25=-67.640;43.479
p26=-67.693;42.786
p27=-67.731;42.601
p28=-67.954;41.732
p29=-68.175;40.881
p30=-68.389;40.046
p31=-68.574;39.306
p32=-68.602;39.225
p33=-68.899;38.414
p34=-69.205;37.615
p35=-69.522;36.829
p36=-69.854;36.054
p37=-70.202;35.290
p38=-70.559;34.548
p39=-70.565;34.536
p40=-71.024;33.788
p41=-71.465;33.051
p42=-71.890;32.325
p43=-72.304;31.608

p44=-72.309;31.600
p45=-72.829;30.895
p46=-73.298;30.193
p47=-73.542;29.840
p48=-73.821;29.498
p49=-74.362;28.810
p50=-74.583;28.538
p51=-74.963;28.127
p52=-75.516;27.502
p53=-75.567;27.452
p54=-76.263;26.782
p55=-76.373;26.679
p56=-77.024;26.116
p57=-77.181;25.985
p58=-77.854;25.457
p59=-77.954;25.383
p60=-78.697;24.870
p61=-78.798;24.801
p62=-79.414;24.444
p63=-79.885;24.150
p64=-80.120;24.028
p65=-80.807;23.682
p66=-81.131;23.503
p67=-81.483;23.359
p68=-82.145;23.095
p69=-82.694;22.859
p70=-82.801;22.826
p71=-83.442;22.658
p72=-84.076;22.508
p73=-84.706;22.378
p74=-85.329;22.275
p75=-85.947;22.205
p76=-86.073;22.199
p77=-86.559;22.183
p78=-87.048;22.187
p79=-87.168;22.190
p80=-87.772;22.244
p81=-88.374;22.330
p82=-88.975;22.439
p83=-89.574;22.568
p84=-90.173;22.716
p85=-90.347;22.768
p86=-90.770;22.953
p87=-91.367;23.206
p88=-91.744;23.372
p89=-91.966;23.510
p90=-92.565;23.861
p91=-92.772;23.985
p92=-93.167;24.283
p93=-93.635;24.605
p94=-93.773;24.721
p95=-94.384;25.205
p96=-94.413;25.230
p97=-95.000;25.770
p98=-95.095;25.861
p99=-95.623;26.386
p100=-95.726;26.498

p101=-96.256;27.082
p102=-96.303;27.142
p103=-96.790;27.792
p104=-96.901;27.937
p105=-97.208;28.448
p106=-97.566;29.016
p107=-97.614;29.111
p108=-97.910;29.780
p109=-98.233;30.456
p110=-98.266;30.528
p111=-98.465;31.140
p112=-98.683;31.831
p113=-98.906;32.531
p114=-99.043;32.974
p115=-99.101;33.239
p116=-99.232;33.956
p117=-99.341;34.682
p118=-99.427;35.418
p119=-99.487;36.164
p120=-99.524;36.921
p121=-99.538;37.689
p122=-99.531;38.470
p123=-99.503;39.264
p124=-99.470;39.742
p125=-99.421;40.072
p126=-99.272;40.893
p127=-99.110;41.731
p128=-98.929;42.585
p129=-98.916;42.634
p130=-98.598;43.457
p131=-98.292;44.349
p132=-98.242;44.478
p133=-97.837;45.261
p134=-97.505;45.987
p135=-97.374;46.198
p136=-96.821;47.159
p137=-96.717;47.334
p138=-96.151;48.148
p139=-95.881;48.534
p140=-95.389;49.170
p141=-95.000;49.633
p142=-94.477;50.226
p143=-94.076;50.619
p144=-93.348;51.324
p145=-93.112;51.514
p146=-92.112;52.283
p147=-91.871;52.470
p148=-91.084;52.940
p149=-90.017;53.601
p150=-89.887;53.678
p151=-88.937;54.098
p152=-87.828;54.576
p153=-86.910;54.979
p154=-86.687;55.053
p155=-85.553;55.367
p156=-84.404;55.650
p157=-83.242;55.902

p158=-82.071;56.116
p159=-80.899;56.277
p160=-79.739;56.372
p161=-78.601;56.392
p162=-77.491;56.340
p163=-76.410;56.225
p164=-75.354;56.063
p165=-74.322;55.864
p166=-73.312;55.633
p167=-73.248;55.614

[C8]

gain=-20
n_point=145
p1=-79.454;52.820
p2=-79.136;52.810
p3=-78.142;52.729
p4=-77.175;52.583
p5=-76.257;52.340
p6=-75.436;51.912
p7=-75.397;51.884
p8=-74.570;51.592
p9=-73.811;51.084
p10=-73.618;50.882
p11=-73.084;50.540
p12=-72.527;49.879
p13=-72.465;49.821
p14=-71.859;49.104
p15=-71.730;48.892
p16=-71.336;48.258
p17=-71.163;47.920
p18=-70.906;47.265
p19=-70.779;46.966
p20=-70.592;46.073
p21=-70.575;46.025
p22=-70.373;45.107
p23=-70.369;44.715
p24=-70.269;44.205
p25=-70.287;43.316
p26=-70.320;43.001
p27=-70.260;42.448
p28=-70.327;41.592
p29=-70.482;40.790
p30=-70.479;40.748
p31=-70.518;39.925
p32=-70.686;39.110
p33=-70.916;38.306
p34=-71.181;37.512
p35=-71.471;36.731
p36=-71.780;35.960
p37=-72.109;35.199
p38=-72.465;34.449
p39=-72.868;33.706
p40=-73.377;32.969
p41=-73.399;32.943
p42=-73.787;32.246
p43=-74.284;31.529

p44=-74.647;31.127
p45=-74.857;30.818
p46=-75.433;30.116
p47=-75.675;29.875
p48=-76.046;29.421
p49=-76.602;28.873
p50=-76.731;28.731
p51=-77.445;28.049
p52=-77.463;28.033
p53=-78.164;27.375
p54=-78.286;27.268
p55=-78.971;26.706
p56=-79.066;26.627
p57=-79.814;26.085
p58=-79.883;26.042
p59=-80.542;25.589
p60=-80.969;25.382
p61=-81.242;25.213
p62=-81.926;24.900
p63=-82.500;24.722
p64=-82.591;24.679
p65=-83.254;24.429
p66=-83.901;24.271
p67=-84.540;24.161
p68=-85.172;24.086
p69=-85.683;24.046
p70=-85.799;24.030
p71=-86.423;23.990
p72=-87.042;24.001
p73=-87.271;24.026
p74=-87.656;24.044
p75=-88.269;24.103
p76=-88.879;24.199
p77=-89.487;24.349
p78=-90.091;24.595
p79=-90.143;24.621
p80=-90.698;24.798
p81=-91.304;25.093
p82=-91.528;25.239
p83=-91.911;25.426
p84=-92.506;25.866
p85=-92.518;25.874
p86=-93.131;26.314
p87=-93.328;26.500
p88=-93.747;26.884
p89=-93.988;27.142
p90=-94.369;27.582
p91=-94.541;27.789
p92=-94.994;28.444
p93=-95.000;28.452
p94=-95.466;29.105
p95=-95.644;29.442
p96=-95.862;29.773
p97=-96.193;30.448
p98=-96.309;30.751
p99=-96.516;31.131
p100=-96.783;31.821

p101=-96.967;32.520
p102=-97.013;32.734
p103=-97.187;33.227
p104=-97.360;33.943
p105=-97.478;34.669
p106=-97.560;35.404
p107=-97.609;36.149
p108=-97.626;36.906
p109=-97.607;37.674
p110=-97.540;38.454
p111=-97.406;39.247
p112=-97.236;39.839
p113=-97.204;40.054
p114=-97.043;40.876
p115=-96.792;41.714
p116=-96.554;42.263
p117=-96.464;42.569
p118=-96.150;43.442
p119=-95.804;44.088
p120=-95.697;44.335
p121=-95.209;45.251
p122=-95.000;45.552
p123=-94.593;46.190
p124=-94.153;46.730
p125=-93.789;47.157
p126=-93.270;47.697
p127=-92.763;48.154
p128=-92.357;48.519
p129=-91.423;49.178
p130=-91.408;49.188
p131=-90.451;49.900
p132=-89.755;50.266
p133=-89.466;50.465
p134=-88.451;51.027
p135=-87.458;51.404
p136=-87.437;51.416
p137=-86.374;51.933
p138=-85.323;52.267
p139=-84.278;52.498
p140=-83.237;52.660
p141=-83.171;52.667
p142=-82.173;52.848
p143=-81.133;52.927
p144=-80.121;52.907
p145=-79.454;52.820

[C9]

gain=-20
n_point=105
p1=-80.675;47.436
p2=-80.182;47.344
p3=-79.362;47.104
p4=-78.581;46.765
p5=-78.244;46.566
p6=-77.840;46.334
p7=-77.148;45.792
p8=-77.030;45.675

p9=-76.512;45.131
p10=-76.256;44.788
p11=-75.947;44.310
p12=-75.732;43.910
p13=-75.470;43.293
p14=-75.375;43.044
p15=-75.141;42.190
p16=-75.107;41.996
p17=-74.990;41.349
p18=-74.932;40.521
p19=-74.937;40.181
p20=-74.930;39.705
p21=-74.988;38.900
p22=-75.107;38.106
p23=-75.278;37.323
p24=-75.495;36.550
p25=-75.755;35.786
p26=-76.057;35.033
p27=-76.404;34.288
p28=-76.803;33.552
p29=-77.015;33.211
p30=-77.244;32.824
p31=-77.733;32.104
p32=-78.098;31.637
p33=-78.290;31.391
p34=-78.914;30.685
p35=-79.019;30.576
p36=-79.620;29.986
p37=-79.860;29.771
p38=-80.445;29.292
p39=-80.649;29.135
p40=-81.401;28.626
p41=-81.440;28.603
p42=-82.128;28.203
p43=-82.743;27.917
p44=-82.831;27.875
p45=-83.520;27.602
p46=-84.193;27.402
p47=-84.855;27.263
p48=-85.163;27.221
p49=-85.508;27.170
p50=-86.152;27.130
p51=-86.790;27.146
p52=-87.185;27.192
p53=-87.422;27.216
p54=-88.050;27.333
p55=-88.674;27.511
p56=-89.294;27.762
p57=-89.401;27.816
p58=-89.914;28.068
p59=-90.525;28.461
p60=-90.532;28.466
p61=-91.152;28.941
p62=-91.345;29.116
p63=-91.772;29.537
p64=-91.993;29.780
p65=-92.396;30.287

p66=-92.518;30.452
p67=-92.949;31.132
p68=-93.024;31.273
p69=-93.311;31.821
p70=-93.594;32.518
p71=-93.658;32.720
p72=-93.828;33.224
p73=-94.006;33.938
p74=-94.126;34.663
p75=-94.196;35.397
p76=-94.216;36.143
p77=-94.187;36.899
p78=-94.103;37.667
p79=-93.961;38.448
p80=-93.749;39.242
p81=-93.508;39.915
p82=-93.461;40.051
p83=-93.111;40.875
p84=-92.694;41.644
p85=-92.653;41.717
p86=-92.103;42.577
p87=-91.853;42.909
p88=-91.412;43.457
p89=-90.989;43.920
p90=-90.540;44.361
p91=-90.106;44.753
p92=-89.411;45.292
p93=-89.209;45.442
p94=-88.298;46.023
p95=-87.842;46.260
p96=-87.379;46.502
p97=-86.454;46.892
p98=-85.530;47.185
p99=-85.072;47.290
p100=-84.607;47.406
p101=-83.690;47.554
p102=-82.785;47.620
p103=-81.896;47.606
p104=-81.028;47.510
p105=-80.675;47.436