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sat_name=SkyTerra-1
long_nom=-95.000
n_diag=1

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beam_id=RU14
emi_rcp=R
polar_disc=C
reason=C
n_bore=1
n_cont=9

[B1]
gain=0.00
p=-105.314;28.757

[C1]
gain=-2
n_point=39
p1=-105.040;32.148
p2=-104.353;31.895
p3=-103.630;31.466
p4=-103.582;31.428
p5=-102.890;30.731
p6=-102.887;30.727
p7=-102.482;30.047
p8=-102.228;29.373
p9=-102.116;28.708
p10=-102.141;28.050
p11=-102.301;27.401
p12=-102.550;26.864
p13=-102.614;26.759
p14=-103.128;26.177
p15=-103.192;26.127
p16=-103.727;25.800
p17=-104.339;25.587
p18=-104.965;25.520
p19=-105.606;25.595
p20=-106.268;25.818
p21=-106.936;26.187
p22=-106.954;26.200
p23=-107.655;26.843
p24=-107.689;26.883
p25=-108.113;27.500
p26=-108.428;28.161
p27=-108.609;28.825
p28=-108.656;29.493
p29=-108.562;30.164
p30=-108.316;30.838
p31=-108.287;30.888
p32=-107.792;31.513
p33=-107.716;31.584

p34=-107.092;31.977
p35=-106.500;32.178
p36=-106.439;32.196
p37=-105.760;32.245
p38=-105.065;32.156
p39=-105.040;32.148

[C2]

gain=-4

n_point=55

p1=-105.232;33.566
p2=-104.538;33.383
p3=-103.812;33.077
p4=-103.370;32.820
p5=-103.079;32.627
p6=-102.459;32.104
p7=-102.338;31.982
p8=-101.857;31.402
p9=-101.583;30.978
p10=-101.430;30.712
p11=-101.142;30.031
p12=-100.960;29.358
p13=-100.877;28.693
p14=-100.886;28.036
p15=-100.989;27.387
p16=-101.189;26.743
p17=-101.265;26.578
p18=-101.517;26.107
p19=-101.833;25.669
p20=-102.003;25.478
p21=-102.418;25.101
p22=-102.774;24.858
p23=-103.012;24.717
p24=-103.615;24.471
p25=-104.226;24.329
p26=-104.847;24.286
p27=-105.478;24.339
p28=-106.122;24.493
p29=-106.783;24.752
p30=-107.099;24.923
p31=-107.466;25.148
p32=-108.012;25.572
p33=-108.182;25.728
p34=-108.642;26.222
p35=-108.960;26.644
p36=-109.118;26.875
p37=-109.471;27.531
p38=-109.729;28.192
p39=-109.897;28.857
p40=-109.973;29.526
p41=-109.953;30.200
p42=-109.829;30.877
p43=-109.717;31.207
p44=-109.572;31.559
p45=-109.202;32.171
p46=-109.145;32.244
p47=-108.615;32.779

p48=-108.411;32.928
p49=-107.988;33.193
p50=-107.332;33.463
p51=-106.719;33.598
p52=-106.656;33.611
p53=-105.962;33.644
p54=-105.256;33.571
p55=-105.232;33.566

[C3]

gain=-6
n_point=69
p1=-104.139;34.264
p2=-103.946;34.194
p3=-103.209;33.827
p4=-102.735;33.520
p5=-102.469;33.329
p6=-101.863;32.797
p7=-101.724;32.656
p8=-101.244;32.088
p9=-100.974;31.696
p10=-100.783;31.390
p11=-100.446;30.701
p12=-100.208;30.021
p13=-100.197;29.974
p14=-100.059;29.349
p15=-99.989;28.685
p16=-99.996;28.028
p17=-100.057;27.539
p18=-100.078;27.378
p19=-100.242;26.734
p20=-100.491;26.097
p21=-100.596;25.897
p22=-100.851;25.466
p23=-101.170;25.045
p24=-101.351;24.842
p25=-101.754;24.465
p26=-102.076;24.226
p27=-102.344;24.049
p28=-102.941;23.755
p29=-103.340;23.621
p30=-103.543;23.556
p31=-104.152;23.444
p32=-104.768;23.411
p33=-105.393;23.455
p34=-106.028;23.579
p35=-106.292;23.663
p36=-106.676;23.790
p37=-107.341;24.100
p38=-107.690;24.308
p39=-108.028;24.531
p40=-108.557;24.952
p41=-108.745;25.124
p42=-109.201;25.597
p43=-109.516;25.987
p44=-109.710;26.246
p45=-110.112;26.898

p46=-110.423;27.539
p47=-110.430;27.555
p48=-110.670;28.216
p49=-110.835;28.882
p50=-110.927;29.552
p51=-110.941;30.227
p52=-110.931;30.326
p53=-110.868;30.907
p54=-110.699;31.591
p55=-110.559;31.952
p56=-110.410;32.279
p57=-110.041;32.875
p58=-109.968;32.971
p59=-109.460;33.514
p60=-109.276;33.665
p61=-108.839;33.979
p62=-108.189;34.312
p63=-108.067;34.353
p64=-107.517;34.530
p65=-106.826;34.649
p66=-106.121;34.674
p67=-105.404;34.608
p68=-104.679;34.450
p69=-104.139;34.264

[C4]

gain=-8
n_point=77
p1=-103.877;34.989
p2=-103.314;34.742
p3=-102.569;34.313
p4=-102.459;34.235
p5=-101.823;33.751
p6=-101.550;33.503
p7=-101.077;33.015
p8=-100.880;32.785
p9=-100.372;32.078
p10=-100.328;32.004
p11=-99.984;31.381
p12=-99.694;30.694
p13=-99.561;30.257
p14=-99.488;30.015
p15=-99.357;29.343
p16=-99.296;28.679
p17=-99.303;28.023
p18=-99.377;27.372
p19=-99.408;27.227
p20=-99.518;26.728
p21=-99.733;26.091
p22=-99.958;25.608
p23=-100.033;25.460
p24=-100.435;24.834
p25=-100.532;24.710
p26=-100.977;24.215
p27=-101.114;24.084
p28=-101.701;23.621
p29=-101.730;23.603

p30=-102.293;23.276
p31=-102.889;23.026
p32=-102.974;23.001
p33=-103.490;22.854
p34=-104.096;22.757
p35=-104.709;22.728
p36=-105.329;22.767
p37=-105.959;22.877
p38=-106.561;23.051
p39=-106.599;23.062
p40=-107.254;23.327
p41=-107.925;23.687
p42=-107.932;23.692
p43=-108.619;24.166
p44=-108.822;24.331
p45=-109.346;24.807
p46=-109.509;24.972
p47=-110.061;25.617
p48=-110.127;25.708
p49=-110.513;26.265
p50=-110.881;26.918
p51=-111.047;27.282
p52=-111.179;27.575
p53=-111.412;28.236
p54=-111.579;28.903
p55=-111.681;29.574
p56=-111.714;30.250
p57=-111.690;30.649
p58=-111.674;30.931
p59=-111.553;31.617
p60=-111.338;32.301
p61=-111.336;32.308
p62=-111.001;33.003
p63=-110.835;33.267
p64=-110.510;33.701
p65=-110.269;33.971
p66=-109.785;34.402
p67=-109.661;34.501
p68=-109.020;34.897
p69=-108.560;35.098
p70=-108.355;35.185
p71=-107.670;35.377
p72=-106.968;35.481
p73=-106.254;35.501
p74=-105.528;35.439
p75=-104.796;35.296
p76=-104.057;35.065
p77=-103.877;34.989

[C5]

gain=-10
n_point=85
p1=-104.037;35.731
p2=-103.402;35.481
p3=-102.653;35.091
p4=-102.453;34.964
p5=-101.903;34.592

p6=-101.448;34.221
p7=-101.154;33.955
p8=-100.709;33.493
p9=-100.407;33.130
p10=-100.139;32.777
p11=-99.696;32.071
p12=-99.659;32.001
p13=-99.349;31.376
p14=-99.090;30.689
p15=-98.907;30.010
p16=-98.892;29.924
p17=-98.788;29.339
p18=-98.734;28.675
p19=-98.742;28.019
p20=-98.791;27.566
p21=-98.811;27.368
p22=-98.938;26.725
p23=-99.131;26.087
p24=-99.336;25.600
p25=-99.399;25.455
p26=-99.749;24.829
p27=-99.909;24.597
p28=-100.207;24.209
p29=-100.490;23.896
p30=-100.810;23.595
p31=-101.075;23.371
p32=-101.639;22.987
p33=-101.663;22.972
p34=-102.254;22.667
p35=-102.849;22.445
p36=-103.057;22.391
p37=-103.448;22.290
p38=-104.052;22.201
p39=-104.663;22.175
p40=-105.280;22.212
p41=-105.905;22.313
p42=-106.371;22.436
p43=-106.540;22.480
p44=-107.187;22.717
p45=-107.849;23.038
p46=-107.910;23.074
p47=-108.529;23.454
p48=-108.879;23.710
p49=-109.235;23.994
p50=-109.627;24.348
p51=-109.977;24.706
p52=-110.233;24.988
p53=-110.734;25.633
p54=-110.782;25.704
p55=-111.156;26.281
p56=-111.505;26.934
p57=-111.763;27.532
p58=-111.789;27.591
p59=-112.018;28.253
p60=-112.188;28.920
p61=-112.297;29.592
p62=-112.344;30.269

p63=-112.339;30.417
p64=-112.327;30.951
p65=-112.239;31.638
p66=-112.063;32.331
p67=-112.059;32.343
p68=-111.795;33.028
p69=-111.588;33.422
p70=-111.402;33.730
p71=-111.045;34.212
p72=-110.845;34.435
p73=-110.454;34.816
p74=-110.028;35.142
p75=-109.828;35.283
p76=-109.173;35.639
p77=-108.642;35.843
p78=-108.496;35.898
p79=-107.801;36.074
p80=-107.090;36.168
p81=-106.368;36.184
p82=-105.635;36.126
p83=-104.895;35.991
p84=-104.150;35.775
p85=-104.037;35.731

[C6]

gain=-15
n_point=97
p1=-105.071;37.266
p2=-104.332;37.088
p3=-103.572;36.832
p4=-102.811;36.490
p5=-102.752;36.458
p6=-102.051;36.075
p7=-101.486;35.689
p8=-101.293;35.550
p9=-100.576;34.939
p10=-100.539;34.905
p11=-99.874;34.202
p12=-99.791;34.101
p13=-99.313;33.478
p14=-99.047;33.063
p15=-98.863;32.765
p16=-98.502;32.062
p17=-98.308;31.582
p18=-98.219;31.367
p19=-97.998;30.681
p20=-97.843;30.003
p21=-97.748;29.333
p22=-97.706;28.670
p23=-97.716;28.013
p24=-97.776;27.363
p25=-97.890;26.719
p26=-98.062;26.081
p27=-98.106;25.959
p28=-98.283;25.448
p29=-98.574;24.821
p30=-98.680;24.633

p31=-98.935;24.200
p32=-99.260;23.749
p33=-99.390;23.584
p34=-99.842;23.087
p35=-99.960;22.973
p36=-100.426;22.568
p37=-100.703;22.369
p38=-101.011;22.158
p39=-101.598;21.838
p40=-101.753;21.772
p41=-102.188;21.583
p42=-102.780;21.396
p43=-103.377;21.270
p44=-103.977;21.199
p45=-104.118;21.194
p46=-104.583;21.177
p47=-105.151;21.207
p48=-105.194;21.210
p49=-105.812;21.292
p50=-106.438;21.430
p51=-107.074;21.632
p52=-107.589;21.848
p53=-107.722;21.903
p54=-108.384;22.239
p55=-108.770;22.477
p56=-109.064;22.665
p57=-109.656;23.108
p58=-109.766;23.197
p59=-110.374;23.741
p60=-110.501;23.868
p61=-110.980;24.378
p62=-111.284;24.753
p63=-111.495;25.019
p64=-111.937;25.663
p65=-112.164;26.055
p66=-112.316;26.312
p67=-112.644;26.965
p68=-112.915;27.623
p69=-113.136;28.286
p70=-113.309;28.954
p71=-113.434;29.628
p72=-113.508;30.306
p73=-113.525;30.990
p74=-113.479;31.680
p75=-113.420;32.037
p76=-113.368;32.375
p77=-113.186;33.075
p78=-113.045;33.450
p79=-112.914;33.781
p80=-112.562;34.444
p81=-112.534;34.492
p82=-112.016;35.208
p83=-112.016;35.208
p84=-111.425;35.818
p85=-111.295;35.926
p86=-110.800;36.310
p87=-110.228;36.644

p88=-110.145;36.692
p89=-109.468;36.998
p90=-108.770;37.216
p91=-108.123;37.344
p92=-108.055;37.358
p93=-107.328;37.441
p94=-106.590;37.452
p95=-105.843;37.396
p96=-105.089;37.270
p97=-105.071;37.266

[C7]

gain=-20
n_point=167
p1=-102.980;43.818
p2=-102.178;43.482
p3=-101.337;43.152
p4=-100.697;42.896
p5=-100.504;42.793
p6=-99.677;42.345
p7=-99.046;42.014
p8=-98.864;41.892
p9=-98.060;41.339
p10=-97.815;41.158
p11=-97.268;40.681
p12=-96.882;40.325
p13=-96.492;39.911
p14=-96.147;39.510
p15=-95.735;38.988
p16=-95.539;38.710
p17=-95.000;37.932
p18=-94.996;37.925
p19=-94.584;37.153
p20=-94.291;36.669
p21=-94.156;36.393
p22=-93.798;35.646
p23=-93.611;35.292
p24=-93.462;34.908
p25=-93.193;34.181
p26=-92.963;33.614
p27=-92.921;33.464
p28=-92.762;32.755
p29=-92.621;32.055
p30=-92.490;31.364
p31=-92.381;30.747
p32=-92.375;30.680
p33=-92.338;30.002
p34=-92.323;29.333
p35=-92.329;28.669
p36=-92.361;28.013
p37=-92.417;27.362
p38=-92.497;26.727
p39=-92.499;26.717
p40=-92.667;26.077
p41=-92.834;25.443
p42=-92.999;24.814
p43=-93.167;24.191

p44=-93.169;24.184
p45=-93.435;23.572
p46=-93.668;22.957
p47=-93.796;22.647
p48=-93.957;22.347
p49=-94.271;21.741
p50=-94.404;21.502
p51=-94.646;21.140
p52=-95.000;20.586
p53=-95.034;20.542
p54=-95.512;19.948
p55=-95.589;19.857
p56=-96.057;19.358
p57=-96.172;19.241
p58=-96.675;18.772
p59=-96.751;18.707
p60=-97.328;18.251
p61=-97.408;18.190
p62=-97.904;17.874
p63=-98.283;17.612
p64=-98.477;17.504
p65=-99.050;17.198
p66=-99.320;17.039
p67=-99.622;16.911
p68=-100.194;16.680
p69=-100.670;16.470
p70=-100.766;16.441
p71=-101.340;16.298
p72=-101.916;16.170
p73=-102.492;16.061
p74=-103.070;15.976
p75=-103.651;15.923
p76=-103.770;15.920
p77=-104.234;15.915
p78=-104.706;15.928
p79=-104.822;15.933
p80=-105.413;15.996
p81=-106.009;16.089
p82=-106.609;16.204
p83=-107.214;16.337
p84=-107.823;16.488
p85=-108.001;16.540
p86=-108.443;16.724
p87=-109.069;16.975
p88=-109.466;17.140
p89=-109.705;17.274
p90=-110.351;17.618
p91=-110.574;17.739
p92=-111.011;18.028
p93=-111.525;18.341
p94=-111.681;18.454
p95=-112.365;18.923
p96=-112.398;18.947
p97=-113.070;19.467
p98=-113.180;19.556
p99=-113.794;20.061
p100=-113.915;20.169

p101=-114.543;20.728
p102=-114.601;20.785
p103=-115.198;21.405
p104=-115.334;21.543
p105=-115.728;22.027
p106=-116.187;22.566
p107=-116.251;22.655
p108=-116.663;23.285
p109=-117.109;23.921
p110=-117.155;23.988
p111=-117.464;24.559
p112=-117.809;25.203
p113=-118.164;25.853
p114=-118.386;26.263
p115=-118.495;26.508
p116=-118.764;27.167
p117=-119.016;27.831
p118=-119.249;28.501
p119=-119.461;29.177
p120=-119.655;29.859
p121=-119.833;30.548
p122=-119.996;31.244
p123=-120.145;31.947
p124=-120.221;32.368
p125=-120.247;32.656
p126=-120.288;33.370
p127=-120.327;34.094
p128=-120.357;34.826
p129=-120.356;34.867
p130=-120.246;35.560
p131=-120.176;36.307
p132=-120.161;36.415
p133=-119.970;37.058
p134=-119.846;37.651
p135=-119.777;37.820
p136=-119.515;38.591
p137=-119.466;38.730
p138=-119.164;39.369
p139=-119.024;39.669
p140=-118.754;40.157
p141=-118.534;40.509
p142=-118.237;40.954
p143=-117.994;41.244
p144=-117.562;41.758
p145=-117.411;41.894
p146=-116.775;42.434
p147=-116.626;42.564
p148=-116.093;42.879
p149=-115.405;43.319
p150=-115.321;43.370
p151=-114.660;43.630
p152=-113.904;43.920
p153=-113.300;44.163
p154=-113.144;44.204
p155=-112.338;44.367
p156=-111.523;44.504
p157=-110.702;44.617

p158=-109.873;44.700
p159=-109.035;44.745
p160=-108.187;44.743
p161=-107.331;44.689
p162=-106.469;44.585
p163=-105.605;44.440
p164=-104.744;44.263
p165=-103.887;44.060
p166=-103.037;43.836
p167=-102.980;43.818

[C8]

gain=-20
n_point=145
p1=-106.202;42.149
p2=-105.946;42.123
p3=-105.130;42.007
p4=-104.313;41.844
p5=-103.493;41.610
p6=-102.664;41.243
p7=-102.621;41.220
p8=-101.857;40.953
p9=-101.046;40.526
p10=-100.806;40.361
p11=-100.246;40.071
p12=-99.523;39.532
p13=-99.451;39.485
p14=-98.672;38.896
p15=-98.480;38.724
p16=-97.905;38.207
p17=-97.627;37.933
p18=-97.151;37.401
p19=-96.928;37.157
p20=-96.413;36.434
p21=-96.380;36.395
p22=-95.855;35.645
p23=-95.695;35.326
p24=-95.420;34.906
p25=-95.093;34.178
p26=-95.000;33.920
p27=-94.751;33.460
p28=-94.495;32.751
p29=-94.335;32.086
p30=-94.318;32.050
p31=-94.071;31.358
p32=-93.936;30.674
p33=-93.862;29.997
p34=-93.829;29.328
p35=-93.828;28.664
p36=-93.855;28.008
p37=-93.910;27.357
p38=-93.998;26.713
p39=-94.136;26.074
p40=-94.371;25.440
p41=-94.383;25.417
p42=-94.537;24.811
p43=-94.786;24.188

p44=-95.000;23.840
p45=-95.109;23.570
p46=-95.446;22.956
p47=-95.602;22.746
p48=-95.826;22.347
p49=-96.196;21.867
p50=-96.280;21.742
p51=-96.771;21.142
p52=-96.783;21.127
p53=-97.278;20.545
p54=-97.366;20.450
p55=-97.875;19.953
p56=-97.945;19.882
p57=-98.523;19.403
p58=-98.578;19.365
p59=-99.098;18.963
p60=-99.453;18.782
p61=-99.675;18.633
p62=-100.252;18.358
p63=-100.753;18.206
p64=-100.831;18.168
p65=-101.408;17.951
p66=-101.989;17.818
p67=-102.572;17.730
p68=-103.157;17.673
p69=-103.637;17.648
p70=-103.745;17.635
p71=-104.334;17.611
p72=-104.928;17.635
p73=-105.152;17.663
p74=-105.526;17.688
p75=-106.128;17.756
p76=-106.734;17.860
p77=-107.349;18.014
p78=-107.974;18.257
p79=-108.029;18.283
p80=-108.601;18.461
p81=-109.241;18.751
p82=-109.484;18.893
p83=-109.892;19.078
p84=-110.547;19.503
p85=-110.561;19.511
p86=-111.238;19.937
p87=-111.463;20.116
p88=-111.940;20.484
p89=-112.221;20.730
p90=-112.672;21.151
p91=-112.877;21.348
p92=-113.437;21.968
p93=-113.444;21.977
p94=-114.021;22.595
p95=-114.256;22.912
p96=-114.532;23.224
p97=-114.981;23.858
p98=-115.150;24.140
p99=-115.427;24.496
p100=-115.820;25.139

p101=-116.133;25.785
p102=-116.218;25.982
p103=-116.488;26.438
p104=-116.799;27.096
p105=-117.061;27.758
p106=-117.290;28.426
p107=-117.492;29.100
p108=-117.667;29.779
p109=-117.813;30.464
p110=-117.918;31.155
p111=-117.962;31.851
p112=-117.927;32.365
p113=-117.946;32.553
p114=-117.983;33.265
p115=-117.940;33.982
p116=-117.842;34.446
p117=-117.832;34.706
p118=-117.754;35.440
p119=-117.588;35.974
p120=-117.553;36.179
p121=-117.336;36.928
p122=-117.221;37.171
p123=-117.017;37.683
p124=-116.757;38.109
p125=-116.543;38.442
p126=-116.220;38.860
p127=-115.890;39.206
p128=-115.631;39.481
p129=-114.987;39.964
p130=-114.976;39.971
p131=-114.352;40.489
p132=-113.854;40.741
p133=-113.667;40.883
p134=-112.976;41.269
p135=-112.249;41.508
p136=-112.236;41.516
p137=-111.522;41.857
p138=-110.763;42.054
p139=-109.980;42.173
p140=-109.185;42.238
p141=-109.134;42.240
p142=-108.396;42.321
p143=-107.589;42.322
p144=-106.770;42.251
p145=-106.202;42.149

[C9]

gain=-20
n_point=105
p1=-104.901;38.036
p2=-104.456;37.938
p3=-103.688;37.705
p4=-102.919;37.393
p5=-102.568;37.217
p6=-102.151;37.009
p7=-101.385;36.536
p8=-101.246;36.435

p9=-100.625;35.967
p10=-100.293;35.674
p11=-99.869;35.268
p12=-99.552;34.928
p13=-99.122;34.406
p14=-98.958;34.194
p15=-98.475;33.472
p16=-98.382;33.308
p17=-98.073;32.760
p18=-97.756;32.057
p19=-97.652;31.769
p20=-97.498;31.364
p21=-97.299;30.678
p22=-97.162;30.000
p23=-97.078;29.330
p24=-97.044;28.667
p25=-97.055;28.010
p26=-97.113;27.360
p27=-97.219;26.716
p28=-97.379;26.078
p29=-97.479;25.782
p30=-97.586;25.445
p31=-97.845;24.818
p32=-98.059;24.411
p33=-98.173;24.196
p34=-98.571;23.579
p35=-98.642;23.484
p36=-99.053;22.967
p37=-99.224;22.780
p38=-99.654;22.361
p39=-99.806;22.224
p40=-100.390;21.781
p41=-100.421;21.761
p42=-100.974;21.413
p43=-101.487;21.167
p44=-101.560;21.131
p45=-102.148;20.898
p46=-102.739;20.731
p47=-103.333;20.620
p48=-103.616;20.589
p49=-103.931;20.551
p50=-104.534;20.530
p51=-105.141;20.561
p52=-105.525;20.613
p53=-105.756;20.641
p54=-106.377;20.765
p55=-107.007;20.945
p56=-107.647;21.193
p57=-107.760;21.246
p58=-108.299;21.493
p59=-108.959;21.872
p60=-108.968;21.877
p61=-109.653;22.332
p62=-109.872;22.499
p63=-110.363;22.898
p64=-110.622;23.129
p65=-111.107;23.606

p66=-111.257;23.761
p67=-111.804;24.398
p68=-111.903;24.529
p69=-112.286;25.039
p70=-112.696;25.683
p71=-112.798;25.870
p72=-113.062;26.332
p73=-113.377;26.987
p74=-113.642;27.645
p75=-113.861;28.309
p76=-114.037;28.978
p77=-114.171;29.652
p78=-114.260;30.332
p79=-114.298;31.017
p80=-114.278;31.708
p81=-114.205;32.287
p82=-114.193;32.404
p83=-114.061;33.107
p84=-113.858;33.754
p85=-113.838;33.815
p86=-113.543;34.529
p87=-113.397;34.802
p88=-113.134;35.248
p89=-112.869;35.621
p90=-112.579;35.972
p91=-112.293;36.281
p92=-111.816;36.699
p93=-111.677;36.814
p94=-111.032;37.252
p95=-110.698;37.425
p96=-110.362;37.602
p97=-109.670;37.877
p98=-108.957;38.070
p99=-108.594;38.133
p100=-108.231;38.205
p101=-107.493;38.279
p102=-106.744;38.288
p103=-105.987;38.233
p104=-105.223;38.113
p105=-104.901;38.036