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

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beam_id=RD16
emi_rcp=E
polar_disc=C
reason=C
n_bore=1
n_cont=9

[B1]
gain=0.00
p=-89.879;28.686

[C1]
gain=-2
n_point=39
p1=-88.973;32.085
p2=-88.345;31.854
p3=-87.711;31.446
p4=-87.671;31.409
p5=-87.115;30.731
p6=-87.113;30.727
p7=-86.834;30.057
p8=-86.702;29.388
p9=-86.708;28.723
p10=-86.845;28.064
p11=-87.113;27.409
p12=-87.450;26.864
p13=-87.530;26.758
p14=-88.134;26.162
p15=-88.205;26.110
p16=-88.786;25.770
p17=-89.423;25.543
p18=-90.050;25.461
p19=-90.668;25.521
p20=-91.281;25.728
p21=-91.874;26.081
p22=-91.890;26.093
p23=-92.470;26.717
p24=-92.496;26.756
p25=-92.807;27.360
p26=-93.001;28.010
p27=-93.063;28.666
p28=-92.992;29.330
p29=-92.781;30.000
p30=-92.420;30.679
p31=-92.382;30.730
p32=-91.785;31.367
p33=-91.698;31.440

p34=-91.016;31.851
p35=-90.399;32.071
p36=-90.335;32.090
p37=-89.661;32.160
p38=-88.996;32.092
p39=-88.973;32.085

[C2]

gain=-4
n_point=55
p1=-88.861;33.498
p2=-88.215;33.338
p3=-87.559;33.055
p4=-87.172;32.811
p5=-86.921;32.627
p6=-86.407;32.122
p7=-86.311;32.003
p8=-85.943;31.436
p9=-85.749;31.018
p10=-85.646;30.755
p11=-85.483;30.079
p12=-85.423;29.408
p13=-85.456;28.743
p14=-85.579;28.083
p15=-85.792;27.427
p16=-86.098;26.777
p17=-86.200;26.609
p18=-86.527;26.131
p19=-86.912;25.684
p20=-87.111;25.488
p21=-87.582;25.101
p22=-87.974;24.849
p23=-88.231;24.703
p24=-88.865;24.443
p25=-89.490;24.288
p26=-90.107;24.231
p27=-90.719;24.271
p28=-91.327;24.410
p29=-91.934;24.654
p30=-92.215;24.817
p31=-92.539;25.033
p32=-93.003;25.443
p33=-93.144;25.594
p34=-93.512;26.075
p35=-93.752;26.487
p36=-93.867;26.713
p37=-94.099;27.357
p38=-94.237;28.007
p39=-94.284;28.664
p40=-94.240;29.327
p41=-94.100;29.997
p42=-93.856;30.674
p43=-93.687;31.005
p44=-93.481;31.360
p45=-93.006;31.979
p46=-92.937;32.054
p47=-92.320;32.604

p48=-92.094;32.759
p49=-91.630;33.037
p50=-90.938;33.326
p51=-90.313;33.482
p52=-90.249;33.497
p53=-89.563;33.552
p54=-88.884;33.503
p55=-88.861;33.498

[C3]

gain=-6
n_point=69
p1=-87.622;34.234
p2=-87.445;34.171
p3=-86.791;33.827
p4=-86.382;33.535
p5=-86.156;33.351
p6=-85.659;32.837
p7=-85.549;32.700
p8=-85.180;32.144
p9=-84.986;31.758
p10=-84.853;31.456
p11=-84.646;30.773
p12=-84.532;30.096
p13=-84.530;30.049
p14=-84.504;29.425
p15=-84.552;28.759
p16=-84.672;28.098
p17=-84.817;27.604
p18=-84.866;27.442
p19=-85.136;26.792
p20=-85.490;26.146
p21=-85.627;25.942
p22=-85.951;25.504
p23=-86.335;25.073
p24=-86.547;24.866
p25=-87.006;24.479
p26=-87.363;24.232
p27=-87.656;24.049
p28=-88.291;23.741
p29=-88.707;23.599
p30=-88.917;23.530
p31=-89.534;23.405
p32=-90.146;23.358
p33=-90.753;23.390
p34=-91.358;23.500
p35=-91.604;23.578
p36=-91.960;23.697
p37=-92.563;23.991
p38=-92.871;24.192
p39=-93.165;24.405
p40=-93.614;24.813
p41=-93.770;24.980
p42=-94.138;25.440
p43=-94.380;25.820
p44=-94.526;26.073
p45=-94.807;26.712

p46=-95.000;27.341
p47=-95.004;27.356
p48=-95.122;28.007
p49=-95.166;28.663
p50=-95.136;29.326
p51=-95.027;29.996
p52=-95.000;30.095
p53=-94.832;30.673
p54=-94.542;31.358
p55=-94.338;31.720
p56=-94.132;32.051
p57=-93.660;32.654
p58=-93.570;32.752
p59=-92.972;33.309
p60=-92.764;33.465
p61=-92.277;33.792
p62=-91.579;34.145
p63=-91.451;34.191
p64=-90.880;34.386
p65=-90.181;34.528
p66=-89.486;34.577
p67=-88.797;34.536
p68=-88.115;34.403
p69=-87.622;34.234

[C4]

gain=-8
n_point=77
p1=-87.191;34.970
p2=-86.686;34.742
p3=-86.036;34.336
p4=-85.942;34.263
p5=-85.409;33.797
p6=-85.186;33.557
p7=-84.812;33.081
p8=-84.661;32.856
p9=-84.291;32.161
p10=-84.262;32.088
p11=-84.036;31.472
p12=-83.875;30.789
p13=-83.823;30.353
p14=-83.794;30.111
p15=-83.784;29.439
p16=-83.841;28.772
p17=-83.963;28.111
p18=-84.148;27.455
p19=-84.204;27.308
p20=-84.397;26.804
p21=-84.717;26.158
p22=-85.021;25.667
p23=-85.119;25.516
p24=-85.620;24.879
p25=-85.736;24.752
p26=-86.257;24.245
p27=-86.414;24.111
p28=-87.068;23.634
p29=-87.099;23.615

p30=-87.707;23.276
p31=-88.335;23.013
p32=-88.424;22.987
p33=-88.954;22.829
p34=-89.567;22.719
p35=-90.175;22.678
p36=-90.779;22.705
p37=-91.380;22.802
p38=-91.944;22.962
p39=-91.980;22.973
p40=-92.579;23.223
p41=-93.179;23.568
p42=-93.185;23.572
p43=-93.781;24.030
p44=-93.953;24.189
p45=-94.387;24.651
p46=-94.519;24.811
p47=-94.951;25.440
p48=-95.000;25.529
p49=-95.282;26.073
p50=-95.529;26.712
p51=-95.628;27.069
p52=-95.706;27.357
p53=-95.816;28.007
p54=-95.860;28.664
p55=-95.838;29.327
p56=-95.747;29.997
p57=-95.652;30.393
p58=-95.583;30.673
p59=-95.338;31.358
p60=-95.000;32.044
p61=-94.997;32.050
p62=-94.539;32.751
p63=-94.327;33.019
p64=-93.927;33.461
p65=-93.640;33.736
p66=-93.085;34.182
p67=-92.945;34.284
p68=-92.243;34.700
p69=-91.755;34.917
p70=-91.538;35.010
p71=-90.831;35.226
p72=-90.125;35.354
p73=-89.421;35.399
p74=-88.723;35.363
p75=-88.033;35.245
p76=-87.353;35.040
p77=-87.191;34.970

[C5]

gain=-10
n_point=85
p1=-87.172;35.710
p2=-86.598;35.481
p3=-85.937;35.116
p4=-85.765;34.995
p5=-85.296;34.640

p6=-84.919;34.283
p7=-84.680;34.025
p8=-84.330;33.575
p9=-84.101;33.220
p10=-83.903;32.873
p11=-83.597;32.176
p12=-83.575;32.106
p13=-83.384;31.486
p14=-83.253;30.802
p15=-83.195;30.123
p16=-83.196;30.037
p17=-83.198;29.451
p18=-83.262;28.784
p19=-83.385;28.122
p20=-83.512;27.666
p21=-83.566;27.466
p22=-83.802;26.815
p23=-84.101;26.168
p24=-84.385;25.674
p25=-84.472;25.526
p26=-84.922;24.889
p27=-85.119;24.652
p28=-85.477;24.256
p29=-85.807;23.936
p30=-86.172;23.627
p31=-86.469;23.397
p32=-87.089;23.001
p33=-87.114;22.985
p34=-87.746;22.667
p35=-88.369;22.432
p36=-88.582;22.375
p37=-88.984;22.266
p38=-89.593;22.165
p39=-90.198;22.127
p40=-90.799;22.151
p41=-91.398;22.239
p42=-91.836;22.353
p43=-91.995;22.394
p44=-92.592;22.617
p45=-93.190;22.924
p46=-93.244;22.958
p47=-93.789;23.324
p48=-94.090;23.570
p49=-94.392;23.845
p50=-94.717;24.188
p51=-95.000;24.537
p52=-95.203;24.811
p53=-95.584;25.440
p54=-95.618;25.510
p55=-95.885;26.073
p56=-96.111;26.713
p57=-96.259;27.300
p58=-96.273;27.358
p59=-96.379;28.008
p60=-96.425;28.665
p61=-96.410;29.328
p62=-96.331;29.998

p63=-96.299;30.144
p64=-96.188;30.674
p65=-95.973;31.358
p66=-95.672;32.050
p67=-95.665;32.062
p68=-95.277;32.750
p69=-95.000;33.148
p70=-94.760;33.460
p71=-94.318;33.950
p72=-94.080;34.179
p73=-93.625;34.571
p74=-93.146;34.909
p75=-92.922;35.057
p76=-92.214;35.435
p77=-91.656;35.656
p78=-91.502;35.716
p79=-90.789;35.917
p80=-90.076;36.036
p81=-89.366;36.079
p82=-88.661;36.047
p83=-87.963;35.939
p84=-87.274;35.750
p85=-87.172;35.710

[C6]

gain=-15
n_point=97
p1=-87.810;37.210
p2=-87.122;37.060
p3=-86.428;36.832
p4=-85.748;36.517
p5=-85.697;36.487
p6=-85.084;36.127
p7=-84.605;35.760
p8=-84.443;35.627
p9=-83.856;35.036
p10=-83.827;35.004
p11=-83.308;34.319
p12=-83.245;34.220
p13=-82.894;33.608
p14=-82.712;33.198
p15=-82.586;32.903
p16=-82.362;32.205
p17=-82.261;31.727
p18=-82.212;31.513
p19=-82.120;30.828
p20=-82.091;30.148
p21=-82.118;29.475
p22=-82.195;28.807
p23=-82.321;28.144
p24=-82.495;27.487
p25=-82.719;26.835
p26=-82.999;26.188
p27=-83.063;26.065
p28=-83.325;25.546
p29=-83.717;24.909
p30=-83.854;24.717

p31=-84.178;24.276
p32=-84.573;23.815
p33=-84.728;23.647
p34=-85.256;23.138
p35=-85.391;23.021
p36=-85.916;22.605
p37=-86.222;22.400
p38=-86.560;22.182
p39=-87.190;21.850
p40=-87.354;21.781
p41=-87.812;21.583
p42=-88.426;21.384
p43=-89.034;21.247
p44=-89.637;21.165
p45=-89.776;21.157
p46=-90.237;21.131
p47=-90.791;21.151
p48=-90.833;21.152
p49=-91.428;21.223
p50=-92.021;21.349
p51=-92.614;21.538
p52=-93.085;21.743
p53=-93.207;21.796
p54=-93.802;22.117
p55=-94.142;22.347
p56=-94.399;22.528
p57=-94.907;22.956
p58=-95.000;23.042
p59=-95.505;23.570
p60=-95.607;23.692
p61=-95.990;24.189
p62=-96.225;24.554
p63=-96.385;24.813
p64=-96.706;25.442
p65=-96.860;25.825
p66=-96.963;26.076
p67=-97.167;26.716
p68=-97.315;27.361
p69=-97.411;28.012
p70=-97.457;28.669
p71=-97.455;29.332
p72=-97.400;30.001
p73=-97.289;30.678
p74=-97.112;31.362
p75=-96.987;31.717
p76=-96.871;32.053
p77=-96.559;32.753
p78=-96.349;33.129
p79=-96.156;33.461
p80=-95.683;34.129
p81=-95.646;34.178
p82=-95.000;34.906
p83=-95.000;34.906
p84=-94.303;35.533
p85=-94.154;35.645
p86=-93.595;36.043
p87=-92.971;36.397

p88=-92.880;36.448
p89=-92.159;36.778
p90=-91.434;37.021
p91=-90.778;37.173
p92=-90.708;37.190
p93=-89.982;37.300
p94=-89.258;37.340
p95=-88.539;37.311
p96=-87.827;37.214
p97=-87.810;37.210

[C7]

gain=-20
n_point=167
p1=-83.629;43.903
p2=-82.928;43.602
p3=-82.176;43.310
p4=-81.602;43.081
p5=-81.437;42.985
p6=-80.727;42.571
p7=-80.177;42.265
p8=-80.026;42.149
p9=-79.361;41.625
p10=-79.160;41.453
p11=-78.735;40.992
p12=-78.437;40.647
p13=-78.152;40.242
p14=-77.908;39.848
p15=-77.625;39.335
p16=-77.498;39.060
p17=-77.147;38.290
p18=-77.144;38.283
p19=-76.921;37.513
p20=-76.739;37.032
p21=-76.668;36.756
p22=-76.480;36.008
p23=-76.369;35.654
p24=-76.306;35.269
p25=-76.196;34.539
p26=-76.085;33.970
p27=-76.075;33.818
p28=-76.069;33.102
p29=-76.075;32.394
p30=-76.085;31.695
p31=-76.099;31.071
p32=-76.106;31.003
p33=-76.206;30.316
p34=-76.323;29.635
p35=-76.458;28.962
p36=-76.615;28.294
p37=-76.794;27.632
p38=-76.990;26.986
p39=-76.994;26.976
p40=-77.283;26.323
p41=-77.566;25.676
p42=-77.842;25.035
p43=-78.117;24.400

p44=-78.120;24.393
p45=-78.494;23.767
p46=-78.829;23.141
p47=-79.008;22.825
p48=-79.219;22.518
p49=-79.631;21.900
p50=-79.802;21.655
p51=-80.104;21.285
p52=-80.543;20.720
p53=-80.585;20.674
p54=-81.155;20.067
p55=-81.246;19.974
p56=-81.791;19.463
p57=-81.924;19.343
p58=-82.497;18.862
p59=-82.583;18.795
p60=-83.228;18.327
p61=-83.316;18.264
p62=-83.858;17.938
p63=-84.274;17.669
p64=-84.483;17.558
p65=-85.098;17.242
p66=-85.388;17.078
p67=-85.706;16.946
p68=-86.308;16.705
p69=-86.807;16.488
p70=-86.906;16.458
p71=-87.497;16.306
p72=-88.084;16.170
p73=-88.669;16.053
p74=-89.251;15.960
p75=-89.831;15.898
p76=-89.949;15.894
p77=-90.408;15.883
p78=-90.870;15.890
p79=-90.983;15.893
p80=-91.557;15.948
p81=-92.130;16.032
p82=-92.703;16.138
p83=-93.276;16.263
p84=-93.850;16.404
p85=-94.017;16.454
p86=-94.424;16.631
p87=-95.000;16.871
p88=-95.363;17.028
p89=-95.578;17.158
p90=-96.158;17.490
p91=-96.358;17.607
p92=-96.742;17.887
p93=-97.194;18.189
p94=-97.329;18.299
p95=-97.921;18.752
p96=-97.949;18.776
p97=-98.520;19.280
p98=-98.612;19.365
p99=-99.125;19.855
p100=-99.225;19.959

p101=-99.740;20.501
p102=-99.786;20.557
p103=-100.260;21.158
p104=-100.368;21.292
p105=-100.668;21.763
p106=-101.017;22.285
p107=-101.064;22.372
p108=-101.356;22.985
p109=-101.672;23.602
p110=-101.704;23.667
p111=-101.903;24.224
p112=-102.119;24.850
p113=-102.339;25.482
p114=-102.475;25.880
p115=-102.534;26.119
p116=-102.668;26.760
p117=-102.782;27.407
p118=-102.874;28.060
p119=-102.943;28.719
p120=-102.991;29.384
p121=-103.018;30.055
p122=-103.027;30.733
p123=-103.016;31.419
p124=-102.996;31.830
p125=-102.958;32.111
p126=-102.842;32.812
p127=-102.717;33.520
p128=-102.576;34.237
p129=-102.566;34.277
p130=-102.307;34.962
p131=-102.063;35.698
p132=-102.023;35.804
p133=-101.695;36.442
p134=-101.433;37.029
p135=-101.328;37.197
p136=-100.892;37.964
p137=-100.810;38.103
p138=-100.367;38.743
p139=-100.158;39.044
p140=-99.779;39.535
p141=-99.481;39.890
p142=-99.084;40.341
p143=-98.780;40.636
p144=-98.235;41.162
p145=-98.058;41.302
p146=-97.315;41.864
p147=-97.139;41.999
p148=-96.556;42.335
p149=-95.785;42.802
p150=-95.691;42.856
p151=-95.000;43.144
p152=-94.206;43.469
p153=-93.560;43.739
p154=-93.401;43.788
p155=-92.592;43.989
p156=-91.777;44.166
p157=-90.958;44.319

p158=-90.136;44.444
p159=-89.312;44.531
p160=-88.490;44.571
p161=-87.671;44.561
p162=-86.859;44.500
p163=-86.054;44.398
p164=-85.256;44.263
p165=-84.465;44.101
p166=-83.680;43.918
p167=-83.629;43.903

[C8]

gain=-20
n_point=145
p1=-87.470;42.064
p2=-87.225;42.050
p3=-86.452;41.970
p4=-85.687;41.844
p5=-84.935;41.646
p6=-84.212;41.313
p7=-84.176;41.292
p8=-83.480;41.056
p9=-82.780;40.661
p10=-82.583;40.505
p11=-82.093;40.235
p12=-81.504;39.721
p13=-81.443;39.676
p14=-80.803;39.113
p15=-80.652;38.946
p16=-80.195;38.446
p17=-79.980;38.179
p18=-79.624;37.659
p19=-79.455;37.420
p20=-79.103;36.706
p21=-79.079;36.668
p22=-78.715;35.926
p23=-78.626;35.609
p24=-78.437;35.192
p25=-78.266;34.465
p26=-78.229;34.206
p27=-78.070;33.747
p28=-77.959;33.036
p29=-77.936;32.367
p30=-77.925;32.331
p31=-77.809;31.637
p32=-77.807;30.947
p33=-77.865;30.263
p34=-77.961;29.584
p35=-78.086;28.912
p36=-78.234;28.246
p37=-78.408;27.586
p38=-78.613;26.931
p39=-78.866;26.281
p40=-79.218;25.634
p41=-79.233;25.611
p42=-79.491;24.995
p43=-79.847;24.359

p44=-80.123;24.002
p45=-80.276;23.727
p46=-80.717;23.101
p47=-80.909;22.885
p48=-81.197;22.478
p49=-81.645;21.987
p50=-81.748;21.859
p51=-82.334;21.245
p52=-82.349;21.230
p53=-82.930;20.635
p54=-83.032;20.537
p55=-83.614;20.029
p56=-83.695;19.956
p57=-84.341;19.464
p58=-84.401;19.426
p59=-84.976;19.012
p60=-85.356;18.825
p61=-85.598;18.671
p62=-86.210;18.387
p63=-86.733;18.226
p64=-86.814;18.187
p65=-87.417;17.960
p66=-88.011;17.818
p67=-88.602;17.721
p68=-89.190;17.655
p69=-89.667;17.622
p70=-89.775;17.607
p71=-90.359;17.574
p72=-90.940;17.590
p73=-91.157;17.614
p74=-91.520;17.634
p75=-92.100;17.692
p76=-92.679;17.786
p77=-93.258;17.930
p78=-93.837;18.162
p79=-93.887;18.187
p80=-94.418;18.355
p81=-95.000;18.633
p82=-95.217;18.771
p83=-95.585;18.947
p84=-96.161;19.358
p85=-96.173;19.366
p86=-96.765;19.777
p87=-96.957;19.950
p88=-97.363;20.307
p89=-97.598;20.546
p90=-97.970;20.955
p91=-98.138;21.146
p92=-98.582;21.750
p93=-98.588;21.758
p94=-99.043;22.357
p95=-99.220;22.667
p96=-99.432;22.970
p97=-99.760;23.586
p98=-99.876;23.862
p99=-100.079;24.207
p100=-100.346;24.833

p101=-100.535;25.464
p102=-100.583;25.656
p103=-100.757;26.100
p104=-100.935;26.741
p105=-101.063;27.387
p106=-101.156;28.039
p107=-101.221;28.697
p108=-101.257;29.361
p109=-101.260;30.032
p110=-101.222;30.709
p111=-101.124;31.393
p112=-100.990;31.901
p113=-100.968;32.084
p114=-100.851;32.785
p115=-100.657;33.492
p116=-100.467;33.952
p117=-100.399;34.208
p118=-100.158;34.934
p119=-99.883;35.466
p120=-99.801;35.669
p121=-99.422;36.414
p122=-99.257;36.658
p123=-98.943;37.170
p124=-98.598;37.600
p125=-98.315;37.937
p126=-97.912;38.362
p127=-97.518;38.717
p128=-97.206;39.000
p129=-96.482;39.503
p130=-96.471;39.511
p131=-95.748;40.049
p132=-95.215;40.321
p133=-95.000;40.469
p134=-94.242;40.882
p135=-93.491;41.152
p136=-93.476;41.160
p137=-92.698;41.530
p138=-91.917;41.761
p139=-91.135;41.915
p140=-90.351;42.017
p141=-90.301;42.021
p142=-89.562;42.135
p143=-88.776;42.174
p144=-87.997;42.140
p145=-87.470;42.064

[C9]

gain=-20
n_point=105
p1=-87.434;37.990
p2=-87.017;37.909
p3=-86.312;37.705
p4=-85.620;37.421
p5=-85.312;37.257
p6=-84.943;37.064
p7=-84.286;36.617
p8=-84.169;36.521

p9=-83.651;36.071
p10=-83.383;35.788
p11=-83.047;35.394
p12=-82.801;35.062
p13=-82.480;34.550
p14=-82.360;34.342
p15=-82.024;33.629
p16=-81.964;33.467
p17=-81.763;32.924
p18=-81.583;32.224
p19=-81.535;31.937
p20=-81.458;31.532
p21=-81.389;30.845
p22=-81.378;30.165
p23=-81.417;29.491
p24=-81.503;28.822
p25=-81.632;28.159
p26=-81.803;27.502
p27=-82.021;26.850
p28=-82.290;26.202
p29=-82.440;25.902
p30=-82.602;25.560
p31=-82.964;24.922
p32=-83.245;24.508
p33=-83.393;24.289
p34=-83.888;23.660
p35=-83.974;23.563
p36=-84.465;23.035
p37=-84.664;22.843
p38=-85.156;22.413
p39=-85.329;22.273
p40=-85.977;21.816
p41=-86.011;21.795
p42=-86.612;21.436
p43=-87.158;21.180
p44=-87.236;21.142
p45=-87.852;20.898
p46=-88.461;20.720
p47=-89.065;20.598
p48=-89.348;20.563
p49=-89.664;20.518
p50=-90.261;20.486
p51=-90.854;20.506
p52=-91.224;20.551
p53=-91.446;20.575
p54=-92.037;20.687
p55=-92.627;20.855
p56=-93.217;21.091
p57=-93.319;21.141
p58=-93.809;21.377
p59=-94.395;21.741
p60=-94.403;21.746
p61=-95.000;22.185
p62=-95.187;22.346
p63=-95.602;22.732
p64=-95.817;22.956
p65=-96.212;23.420

p66=-96.332;23.571
p67=-96.759;24.191
p68=-96.833;24.318
p69=-97.120;24.815
p70=-97.408;25.444
p71=-97.476;25.626
p72=-97.652;26.079
p73=-97.842;26.718
p74=-97.981;27.364
p75=-98.074;28.015
p76=-98.123;28.672
p77=-98.128;29.335
p78=-98.085;30.005
p79=-97.992;30.681
p80=-97.840;31.365
p81=-97.658;31.940
p82=-97.623;32.057
p83=-97.356;32.756
p84=-97.031;33.403
p85=-97.000;33.464
p86=-96.570;34.181
p87=-96.373;34.456
p88=-96.027;34.907
p89=-95.695;35.285
p90=-95.341;35.644
p91=-95.000;35.960
p92=-94.452;36.393
p93=-94.293;36.513
p94=-93.576;36.971
p95=-93.215;37.156
p96=-92.851;37.345
p97=-92.121;37.645
p98=-91.388;37.866
p99=-91.021;37.943
p100=-90.652;38.028
p101=-89.917;38.131
p102=-89.184;38.169
p103=-88.455;38.144
p104=-87.732;38.055
p105=-87.434;37.990