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

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beam_id=RD12
emi_rcp=E
polar_disc=C
reason=C
n_bore=1
n_cont=9

[B1]
gain=0.00
p=-76.119;36.524

[C1]
gain=-2
n_point=39
p1=-73.939;40.568
p2=-73.231;40.320
p3=-72.577;39.861
p4=-72.539;39.819
p5=-72.076;39.038
p6=-72.075;39.034
p7=-71.954;38.253
p8=-72.011;37.471
p9=-72.228;36.694
p10=-72.597;35.922
p11=-73.114;35.154
p12=-73.672;34.516
p13=-73.797;34.391
p14=-74.675;33.689
p15=-74.774;33.628
p16=-75.548;33.222
p17=-76.354;32.943
p18=-77.108;32.831
p19=-77.817;32.880
p20=-78.487;33.094
p21=-79.101;33.475
p22=-79.117;33.488
p23=-79.656;34.177
p24=-79.677;34.221
p25=-79.905;34.899
p26=-79.984;35.635
p27=-79.902;36.388
p28=-79.655;37.157
p29=-79.233;37.944
p30=-78.617;38.752
p31=-78.557;38.814
p32=-77.651;39.589
p33=-77.522;39.679

p34=-76.559;40.196
p35=-75.725;40.485
p36=-75.640;40.511
p37=-74.777;40.626
p38=-73.966;40.575
p39=-73.939;40.568

[C2]

gain=-4
n_point=55
p1=-73.259;42.283
p2=-72.492;42.122
p3=-71.759;41.811
p4=-71.358;41.534
p5=-71.108;41.324
p6=-70.645;40.738
p7=-70.568;40.600
p8=-70.315;39.936
p9=-70.225;39.445
p10=-70.192;39.137
p11=-70.231;38.341
p12=-70.389;37.553
p13=-70.653;36.771
p14=-71.018;35.996
p15=-71.481;35.229
p16=-72.044;34.467
p17=-72.216;34.271
p18=-72.744;33.711
p19=-73.324;33.189
p20=-73.613;32.960
p21=-74.271;32.505
p22=-74.795;32.207
p23=-75.133;32.034
p24=-75.938;31.722
p25=-76.703;31.528
p26=-77.433;31.446
p27=-78.134;31.472
p28=-78.809;31.610
p29=-79.458;31.866
p30=-79.750;32.041
p31=-80.079;32.274
p32=-80.531;32.721
p33=-80.663;32.887
p34=-80.989;33.419
p35=-81.180;33.877
p36=-81.266;34.130
p37=-81.399;34.855
p38=-81.418;35.593
p39=-81.325;36.344
p40=-81.118;37.110
p41=-80.790;37.893
p42=-80.327;38.692
p43=-80.037;39.087
p44=-79.693;39.512
p45=-78.942;40.265
p46=-78.836;40.357
p47=-77.912;41.040

p48=-77.584;41.235
p49=-76.919;41.590
p50=-75.956;41.973
p51=-75.112;42.191
p52=-75.026;42.213
p53=-74.135;42.314
p54=-73.286;42.288
p55=-73.259;42.283

[C3]

gain=-6
n_point=69
p1=-71.332;43.255
p2=-71.128;43.187
p3=-70.419;42.799
p4=-70.009;42.462
p5=-69.792;42.250
p6=-69.361;41.648
p7=-69.276;41.486
p8=-69.028;40.830
p9=-68.935;40.374
p10=-68.885;40.017
p11=-68.887;39.209
p12=-68.998;38.408
p13=-69.013;38.353
p14=-69.207;37.615
p15=-69.501;36.830
p16=-69.872;36.053
p17=-70.211;35.474
p18=-70.321;35.284
p19=-70.852;34.522
p20=-71.471;33.768
p21=-71.694;33.530
p22=-72.204;33.019
p23=-72.778;32.516
p24=-73.084;32.275
p25=-73.726;31.822
p26=-74.209;31.532
p27=-74.596;31.318
p28=-75.412;30.953
p29=-75.929;30.780
p30=-76.188;30.697
p31=-76.932;30.539
p32=-77.649;30.470
p33=-78.343;30.488
p34=-79.016;30.594
p35=-79.283;30.674
p36=-79.668;30.797
p37=-80.301;31.109
p38=-80.616;31.324
p39=-80.911;31.554
p40=-81.346;31.998
p41=-81.493;32.181
p42=-81.824;32.687
p43=-82.028;33.107
p44=-82.144;33.388
p45=-82.340;34.101

p46=-82.433;34.810
p47=-82.436;34.827
p48=-82.435;35.564
p49=-82.343;36.315
p50=-82.158;37.080
p51=-81.873;37.860
p52=-81.817;37.975
p53=-81.476;38.656
p54=-80.953;39.470
p55=-80.611;39.906
p56=-80.271;40.305
p57=-79.524;41.043
p58=-79.384;41.164
p59=-78.477;41.859
p60=-78.170;42.057
p61=-77.455;42.475
p62=-76.455;42.939
p63=-76.277;43.001
p64=-75.479;43.269
p65=-74.531;43.480
p66=-73.615;43.577
p67=-72.737;43.564
p68=-71.906;43.436
p69=-71.332;43.255

[C4]

gain=-8
n_point=77
p1=-70.411;44.197
p2=-69.845;43.941
p3=-69.168;43.475
p4=-69.077;43.389
p5=-68.583;42.843
p6=-68.398;42.559
p7=-68.118;41.995
p8=-68.020;41.728
p9=-67.838;40.901
p10=-67.831;40.814
p11=-67.798;40.081
p12=-67.869;39.267
p13=-67.974;38.749
p14=-68.031;38.463
p15=-68.271;37.667
p16=-68.585;36.879
p17=-68.966;36.100
p18=-69.413;35.330
p19=-69.531;35.157
p20=-69.927;34.567
p21=-70.513;33.812
p22=-71.022;33.239
p23=-71.184;33.064
p24=-71.960;32.322
p25=-72.133;32.173
p26=-72.882;31.584
p27=-73.102;31.427
p28=-73.990;30.870
p29=-74.031;30.849

p30=-74.822;30.451
p31=-75.612;30.138
p32=-75.721;30.106
p33=-76.370;29.915
p34=-77.101;29.776
p35=-77.809;29.713
p36=-78.497;29.727
p37=-79.167;29.818
p38=-79.781;29.981
p39=-79.819;29.992
p40=-80.456;30.254
p41=-81.075;30.621
p42=-81.081;30.626
p43=-81.675;31.119
p44=-81.841;31.292
p45=-82.249;31.796
p46=-82.370;31.972
p47=-82.744;32.664
p48=-82.783;32.762
p49=-83.001;33.367
p50=-83.160;34.081
p51=-83.202;34.482
p52=-83.234;34.807
p53=-83.227;35.544
p54=-83.139;36.294
p55=-82.968;37.058
p56=-82.709;37.836
p57=-82.502;38.301
p58=-82.353;38.629
p59=-81.891;39.440
p60=-81.307;40.263
p61=-81.301;40.270
p62=-80.552;41.123
p63=-80.215;41.452
p64=-79.592;42.001
p65=-79.151;42.347
p66=-78.315;42.913
p67=-78.105;43.044
p68=-77.076;43.588
p69=-76.376;43.879
p70=-76.063;44.006
p71=-75.071;44.310
p72=-74.103;44.508
p73=-73.165;44.604
p74=-72.263;44.599
p75=-71.403;44.491
p76=-70.594;44.275
p77=-70.411;44.197

[C5]

gain=-10
n_point=85
p1=-70.010;45.129
p2=-69.347;44.877
p3=-68.635;44.458
p4=-68.464;44.317
p5=-68.005;43.900

p6=-67.674;43.477
p7=-67.478;43.171
p8=-67.225;42.633
p9=-67.087;42.208
p10=-66.985;41.793
p11=-66.898;40.959
p12=-66.899;40.876
p13=-66.919;40.134
p14=-67.038;39.317
p15=-67.238;38.509
p16=-67.273;38.405
p17=-67.502;37.710
p18=-67.832;36.921
p19=-68.222;36.140
p20=-68.537;35.602
p21=-68.671;35.368
p22=-69.174;34.604
p23=-69.742;33.849
p24=-70.236;33.271
p25=-70.384;33.100
p26=-71.106;32.359
p27=-71.407;32.083
p28=-71.939;31.623
p29=-72.414;31.251
p30=-72.923;30.891
p31=-73.329;30.625
p32=-74.149;30.162
p33=-74.183;30.144
p34=-74.992;29.770
p35=-75.765;29.491
p36=-76.025;29.421
p37=-76.511;29.289
p38=-77.233;29.160
p39=-77.934;29.102
p40=-78.617;29.113
p41=-79.284;29.195
p42=-79.761;29.310
p43=-79.935;29.351
p44=-80.573;29.582
p45=-81.196;29.907
p46=-81.251;29.943
p47=-81.803;30.334
p48=-82.100;30.601
p49=-82.393;30.898
p50=-82.700;31.272
p51=-82.958;31.652
p52=-83.138;31.954
p53=-83.456;32.647
p54=-83.482;32.725
p55=-83.680;33.351
p56=-83.817;34.065
p57=-83.871;34.726
p58=-83.877;34.791
p59=-83.867;35.529
p60=-83.784;36.278
p61=-83.623;37.041
p62=-83.382;37.818

p63=-83.312;37.989
p64=-83.057;38.610
p65=-82.635;39.419
p66=-82.099;40.246
p67=-82.088;40.260
p68=-81.434;41.093
p69=-80.984;41.580
p70=-80.600;41.965
p71=-79.907;42.576
p72=-79.539;42.864
p73=-78.843;43.363
p74=-78.125;43.802
p75=-77.790;43.995
p76=-76.749;44.498
p77=-75.946;44.802
p78=-75.723;44.886
p79=-74.713;45.177
p80=-73.727;45.367
p81=-72.769;45.463
p82=-71.845;45.464
p83=-70.961;45.370
p84=-70.127;45.174
p85=-70.010;45.129

[C6]

gain=-15
n_point=97
p1=-70.052;47.011
p2=-69.182;46.864
p3=-68.345;46.617
p4=-67.578;46.258
p5=-67.523;46.223
p6=-66.873;45.803
p7=-66.414;45.365
p8=-66.262;45.207
p9=-65.777;44.496
p10=-65.755;44.457
p11=-65.411;43.628
p12=-65.378;43.508
p13=-65.219;42.766
p14=-65.180;42.269
p15=-65.157;41.912
p16=-65.196;41.068
p17=-65.285;40.492
p18=-65.319;40.234
p19=-65.503;39.411
p20=-65.756;38.597
p21=-66.067;37.794
p22=-66.429;37.000
p23=-66.836;36.216
p24=-67.290;35.441
p25=-67.792;34.675
p26=-68.350;33.917
p27=-68.468;33.773
p28=-68.949;33.168
p29=-69.615;32.426
p30=-69.836;32.203

p31=-70.350;31.692
p32=-70.948;31.158
p33=-71.177;30.963
p34=-71.934;30.374
p35=-72.122;30.239
p36=-72.841;29.758
p37=-73.248;29.519
p38=-73.692;29.267
p39=-74.501;28.879
p40=-74.705;28.798
p41=-75.278;28.567
p42=-76.027;28.330
p43=-76.752;28.163
p44=-77.459;28.056
p45=-77.619;28.045
p46=-78.149;28.004
p47=-78.775;28.012
p48=-78.823;28.013
p49=-79.485;28.076
p50=-80.134;28.200
p51=-80.771;28.393
p52=-81.267;28.607
p53=-81.395;28.662
p54=-82.010;29.002
p55=-82.355;29.246
p56=-82.613;29.440
p57=-83.112;29.900
p58=-83.202;29.993
p59=-83.681;30.565
p60=-83.775;30.699
p61=-84.122;31.241
p62=-84.323;31.641
p63=-84.459;31.925
p64=-84.710;32.620
p65=-84.817;33.046
p66=-84.888;33.325
p67=-85.003;34.040
p68=-85.049;34.766
p69=-85.033;35.502
p70=-84.955;36.251
p71=-84.815;37.013
p72=-84.608;37.788
p73=-84.326;38.577
p74=-83.959;39.383
p75=-83.725;39.805
p76=-83.504;40.205
p77=-82.950;41.047
p78=-82.597;41.504
p79=-82.271;41.909
p80=-81.501;42.735
p81=-81.440;42.796
p82=-80.415;43.711
p83=-80.414;43.712
p84=-79.330;44.516
p85=-79.103;44.662
p86=-78.247;45.186
p87=-77.309;45.662

p88=-77.171;45.731
p89=-76.097;46.187
p90=-75.038;46.538
p91=-74.097;46.772
p92=-73.995;46.798
p93=-72.968;46.984
p94=-71.967;47.082
p95=-71.000;47.093
p96=-70.073;47.015
p97=-70.052;47.011

[C7]

gain=-20
n_point=167
p1=-56.187;57.113
p2=-55.308;56.736
p3=-54.288;56.387
p4=-53.507;56.115
p5=-53.342;55.986
p6=-52.621;55.437
p7=-52.020;55.041
p8=-51.915;54.883
p9=-51.463;54.164
p10=-51.347;53.927
p11=-51.260;53.279
p12=-51.224;52.796
p13=-51.296;52.225
p14=-51.415;51.671
p15=-51.613;50.952
p16=-51.756;50.566
p17=-52.111;49.504
p18=-52.115;49.494
p19=-52.643;48.435
p20=-52.858;47.790
p21=-53.034;47.418
p22=-53.477;46.422
p23=-53.630;45.961
p24=-53.885;45.454
p25=-54.352;44.502
p26=-54.642;43.773
p27=-54.748;43.578
p28=-55.294;42.660
p29=-55.813;41.763
p30=-56.301;40.885
p31=-56.716;40.110
p32=-56.769;40.026
p33=-57.327;39.174
p34=-57.877;38.339
p35=-58.426;37.517
p36=-58.979;36.708
p37=-59.538;35.912
p38=-60.093;35.139
p39=-60.103;35.127
p40=-60.770;34.347
p41=-61.404;33.580
p42=-62.008;32.826
p43=-62.591;32.084

p44=-62.597;32.076
p45=-63.292;31.344
p46=-63.918;30.618
p47=-64.241;30.253
p48=-64.599;29.899
p49=-65.291;29.187
p50=-65.572;28.907
p51=-66.045;28.482
p52=-66.730;27.837
p53=-66.792;27.785
p54=-67.634;27.092
p55=-67.765;26.986
p56=-68.539;26.405
p57=-68.724;26.269
p58=-69.512;25.724
p59=-69.628;25.647
p60=-70.485;25.117
p61=-70.601;25.047
p62=-71.301;24.676
p63=-71.835;24.373
p64=-72.099;24.246
p65=-72.867;23.887
p66=-73.229;23.702
p67=-73.618;23.552
p68=-74.346;23.278
p69=-74.949;23.032
p70=-75.067;22.998
p71=-75.760;22.821
p72=-76.444;22.662
p73=-77.118;22.524
p74=-77.782;22.413
p75=-78.437;22.336
p76=-78.569;22.329
p77=-79.080;22.308
p78=-79.591;22.306
p79=-79.717;22.308
p80=-80.344;22.356
p81=-80.965;22.435
p82=-81.581;22.539
p83=-82.194;22.662
p84=-82.804;22.804
p85=-82.980;22.854
p86=-83.403;23.036
p87=-84.001;23.284
p88=-84.378;23.446
p89=-84.595;23.582
p90=-85.186;23.928
p91=-85.389;24.050
p92=-85.772;24.344
p93=-86.226;24.662
p94=-86.360;24.777
p95=-86.946;25.255
p96=-86.974;25.280
p97=-87.530;25.814
p98=-87.620;25.905
p99=-88.115;26.425
p100=-88.211;26.536

p101=-88.700;27.114
p102=-88.744;27.173
p103=-89.182;27.818
p104=-89.282;27.962
p105=-89.547;28.470
p106=-89.859;29.034
p107=-89.899;29.128
p108=-90.136;29.794
p109=-90.398;30.466
p110=-90.424;30.537
p111=-90.566;31.147
p112=-90.716;31.836
p113=-90.867;32.533
p114=-90.957;32.974
p115=-90.987;33.238
p116=-91.040;33.954
p117=-91.067;34.678
p118=-91.065;35.413
p119=-91.035;36.159
p120=-90.976;36.916
p121=-90.889;37.685
p122=-90.775;38.467
p123=-90.633;39.263
p124=-90.530;39.742
p125=-90.431;40.073
p126=-90.155;40.900
p127=-89.858;41.743
p128=-89.532;42.604
p129=-89.510;42.652
p130=-89.045;43.486
p131=-88.571;44.389
p132=-88.496;44.520
p133=-87.933;45.317
p134=-87.449;46.056
p135=-87.272;46.271
p136=-86.500;47.254
p137=-86.355;47.434
p138=-85.587;48.271
p139=-85.217;48.669
p140=-84.553;49.326
p141=-84.032;49.806
p142=-83.331;50.424
p143=-82.805;50.836
p144=-81.840;51.576
p145=-81.535;51.779
p146=-80.240;52.599
p147=-79.923;52.799
p148=-78.924;53.310
p149=-77.541;54.031
p150=-77.372;54.116
p151=-76.176;54.589
p152=-74.761;55.132
p153=-73.566;55.593
p154=-73.282;55.681
p155=-71.852;56.064
p156=-70.391;56.421
p157=-68.899;56.749

p158=-67.386;57.042
p159=-65.868;57.284
p160=-64.367;57.459
p161=-62.906;57.557
p162=-61.496;57.577
p163=-60.135;57.532
p164=-58.813;57.436
p165=-57.524;57.300
p166=-56.264;57.130
p167=-56.187;57.113

[C8]

gain=-20
n_point=145
p1=-65.749;53.711
p2=-65.367;53.716
p3=-64.188;53.684
p4=-63.057;53.584
p5=-62.017;53.378
p6=-61.172;52.973
p7=-61.136;52.945
p8=-60.213;52.683
p9=-59.467;52.189
p10=-59.308;51.985
p11=-58.769;51.654
p12=-58.334;50.985
p13=-58.279;50.928
p14=-57.794;50.202
p15=-57.714;49.985
p16=-57.458;49.337
p17=-57.365;48.991
p18=-57.283;48.314
p19=-57.229;48.005
p20=-57.309;47.076
p21=-57.303;47.027
p22=-57.355;46.074
p23=-57.476;45.664
p24=-57.509;45.136
p25=-57.799;44.207
p26=-57.931;43.878
p27=-58.011;43.305
p28=-58.324;42.413
p29=-58.718;41.576
p30=-58.725;41.531
p31=-58.970;40.679
p32=-59.360;39.830
p33=-59.810;38.992
p34=-60.291;38.167
p35=-60.787;37.354
p36=-61.293;36.553
p37=-61.813;35.764
p38=-62.353;34.985
p39=-62.938;34.215
p40=-63.636;33.449
p41=-63.664;33.422
p42=-64.208;32.702
p43=-64.872;31.959

p44=-65.336;31.541
p45=-65.612;31.222
p46=-66.347;30.495
p47=-66.647;30.246
p48=-67.114;29.777
p49=-67.795;29.210
p50=-67.953;29.064
p51=-68.816;28.359
p52=-68.838;28.342
p53=-69.675;27.663
p54=-69.819;27.552
p55=-70.623;26.973
p56=-70.733;26.891
p57=-71.597;26.331
p58=-71.675;26.287
p59=-72.428;25.818
p60=-72.907;25.604
p61=-73.215;25.429
p62=-73.975;25.103
p63=-74.604;24.915
p64=-74.704;24.871
p65=-75.430;24.610
p66=-76.131;24.442
p67=-76.816;24.324
p68=-77.490;24.240
p69=-78.032;24.193
p70=-78.155;24.176
p71=-78.814;24.128
p72=-79.461;24.132
p73=-79.698;24.154
p74=-80.100;24.168
p75=-80.735;24.220
p76=-81.363;24.310
p77=-81.982;24.453
p78=-82.589;24.693
p79=-82.641;24.719
p80=-83.202;24.890
p81=-83.804;25.179
p82=-84.024;25.323
p83=-84.403;25.507
p84=-84.980;25.941
p85=-84.992;25.949
p86=-85.585;26.383
p87=-85.772;26.568
p88=-86.169;26.947
p89=-86.395;27.203
p90=-86.746;27.640
p91=-86.904;27.845
p92=-87.310;28.495
p93=-87.315;28.504
p94=-87.731;29.152
p95=-87.881;29.487
p96=-88.071;29.816
p97=-88.344;30.488
p98=-88.432;30.790
p99=-88.604;31.167
p100=-88.806;31.855

p101=-88.920;32.552
p102=-88.943;32.766
p103=-89.066;33.258
p104=-89.161;33.973
p105=-89.198;34.697
p106=-89.192;35.433
p107=-89.150;36.179
p108=-89.071;36.937
p109=-88.950;37.708
p110=-88.776;38.491
p111=-88.526;39.289
p112=-88.266;39.887
p113=-88.201;40.103
p114=-87.910;40.932
p115=-87.519;41.779
p116=-87.185;42.336
p117=-87.040;42.646
p118=-86.564;43.532
p119=-86.090;44.190
p120=-85.934;44.442
p121=-85.252;45.377
p122=-84.976;45.686
p123=-84.422;46.341
p124=-83.848;46.899
p125=-83.376;47.340
p126=-82.709;47.903
p127=-82.069;48.381
p128=-81.553;48.764
p129=-80.397;49.463
p130=-80.379;49.474
p131=-79.168;50.231
p132=-78.317;50.629
p133=-77.948;50.842
p134=-76.678;51.455
p135=-75.472;51.880
p136=-75.446;51.893
p137=-74.097;52.468
p138=-72.804;52.856
p139=-71.535;53.142
p140=-70.279;53.358
p141=-70.201;53.368
p142=-68.971;53.603
p143=-67.714;53.737
p144=-66.515;53.767
p145=-65.749;53.711

[C9]

gain=-20
n_point=105
p1=-69.043;48.058
p2=-68.503;47.982
p3=-67.625;47.766
p4=-66.815;47.446
p5=-66.479;47.254
p6=-66.072;47.030
p7=-65.414;46.496
p8=-65.307;46.380

p9=-64.847;45.837
p10=-64.638;45.492
p11=-64.400;45.011
p12=-64.249;44.605
p13=-64.096;43.978
p14=-64.046;43.724
p15=-63.975;42.852
p16=-63.980;42.654
p17=-63.990;41.992
p18=-64.103;41.141
p19=-64.180;40.792
p20=-64.271;40.303
p21=-64.498;39.475
p22=-64.785;38.658
p23=-65.124;37.851
p24=-65.505;37.054
p25=-65.927;36.268
p26=-66.388;35.491
p27=-66.891;34.723
p28=-67.444;33.964
p29=-67.728;33.612
p30=-68.036;33.213
p31=-68.674;32.471
p32=-69.137;31.989
p33=-69.379;31.735
p34=-70.149;31.007
p35=-70.277;30.895
p36=-71.002;30.285
p37=-71.286;30.063
p38=-71.974;29.568
p39=-72.212;29.405
p40=-73.077;28.878
p41=-73.122;28.854
p42=-73.902;28.438
p43=-74.590;28.140
p44=-74.688;28.096
p45=-75.449;27.810
p46=-76.184;27.598
p47=-76.899;27.448
p48=-77.229;27.402
p49=-77.597;27.345
p50=-78.281;27.296
p51=-78.950;27.303
p52=-79.360;27.343
p53=-79.606;27.364
p54=-80.253;27.473
p55=-80.889;27.644
p56=-81.513;27.888
p57=-81.620;27.941
p58=-82.130;28.188
p59=-82.728;28.574
p60=-82.735;28.580
p61=-83.332;29.048
p62=-83.516;29.222
p63=-83.918;29.638
p64=-84.122;29.880
p65=-84.488;30.383

p66=-84.598;30.547
p67=-84.973;31.224
p68=-85.036;31.364
p69=-85.274;31.910
p70=-85.491;32.605
p71=-85.535;32.807
p72=-85.654;33.310
p73=-85.756;34.025
p74=-85.795;34.751
p75=-85.777;35.487
p76=-85.705;36.236
p77=-85.577;36.996
p78=-85.388;37.770
p79=-85.132;38.558
p80=-84.798;39.362
p81=-84.447;40.044
p82=-84.378;40.182
p83=-83.885;41.020
p84=-83.325;41.805
p85=-83.271;41.879
p86=-82.548;42.760
p87=-82.226;43.103
p88=-81.663;43.667
p89=-81.131;44.147
p90=-80.571;44.605
p91=-80.033;45.014
p92=-79.181;45.581
p93=-78.934;45.739
p94=-77.832;46.355
p95=-77.287;46.610
p96=-76.730;46.872
p97=-75.633;47.299
p98=-74.550;47.628
p99=-74.019;47.751
p100=-73.475;47.886
p101=-72.417;48.069
p102=-71.385;48.169
p103=-70.385;48.188
p104=-69.425;48.122
p105=-69.043;48.058