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

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beam_id=RU9
emi_rcp=R
polar_disc=C
reason=C
n_bore=1
n_cont=9

[B1]
gain=0.00
p=-102.064;36.196

[C1]
gain=-2
n_point=39
p1=-101.731;40.102
p2=-100.974;39.811
p3=-100.181;39.316
p4=-100.129;39.271
p5=-99.381;38.469
p6=-99.378;38.464
p7=-98.949;37.684
p8=-98.690;36.913
p9=-98.586;36.156
p10=-98.630;35.411
p11=-98.820;34.677
p12=-99.103;34.073
p13=-99.174;33.955
p14=-99.739;33.302
p15=-99.809;33.246
p16=-100.389;32.879
p17=-101.047;32.640
p18=-101.716;32.563
p19=-102.401;32.645
p20=-103.107;32.890
p21=-103.820;33.300
p22=-103.840;33.314
p23=-104.593;34.032
p24=-104.628;34.077
p25=-105.088;34.769
p26=-105.432;35.513
p27=-105.634;36.265
p28=-105.693;37.024
p29=-105.599;37.792
p30=-105.339;38.569
p31=-105.308;38.627
p32=-104.771;39.352
p33=-104.688;39.435

p34=-104.003;39.894
p35=-103.348;40.131
p36=-103.281;40.152
p37=-102.529;40.212
p38=-101.759;40.111
p39=-101.731;40.102

[C2]

gain=-4
n_point=55
p1=-101.930;41.769
p2=-101.156;41.558
p3=-100.349;41.200
p4=-99.861;40.900
p5=-99.541;40.675
p6=-98.865;40.066
p7=-98.735;39.924
p8=-98.219;39.253
p9=-97.930;38.763
p10=-97.771;38.456
p11=-97.477;37.673
p12=-97.301;36.904
p13=-97.233;36.147
p14=-97.266;35.402
p15=-97.399;34.668
p16=-97.635;33.944
p17=-97.722;33.759
p18=-98.006;33.231
p19=-98.357;32.742
p20=-98.545;32.528
p21=-98.997;32.108
p22=-99.384;31.837
p23=-99.641;31.680
p24=-100.288;31.406
p25=-100.941;31.247
p26=-101.601;31.197
p27=-102.271;31.255
p28=-102.955;31.422
p29=-103.656;31.707
p30=-103.992;31.896
p31=-104.383;32.145
p32=-104.966;32.614
p33=-105.148;32.787
p34=-105.643;33.336
p35=-105.987;33.807
p36=-106.158;34.065
p37=-106.545;34.801
p38=-106.834;35.546
p39=-107.026;36.298
p40=-107.122;37.060
p41=-107.115;37.831
p42=-106.995;38.611
p43=-106.880;38.993
p44=-106.728;39.401
p45=-106.334;40.114
p46=-106.273;40.199
p47=-105.696;40.828

p48=-105.473;41.004
p49=-105.006;41.317
p50=-104.279;41.638
p51=-103.594;41.801
p52=-103.524;41.817
p53=-102.748;41.859
p54=-101.957;41.776
p55=-101.930;41.769

[C3]

gain=-6
n_point=69
p1=-100.693;42.607
p2=-100.477;42.524
p3=-99.655;42.092
p4=-99.131;41.731
p5=-98.837;41.506
p6=-98.176;40.883
p7=-98.027;40.718
p8=-97.512;40.056
p9=-97.227;39.601
p10=-97.027;39.245
p11=-96.683;38.450
p12=-96.448;37.669
p13=-96.438;37.614
p14=-96.312;36.900
p15=-96.263;36.144
p16=-96.295;35.399
p17=-96.381;34.845
p18=-96.410;34.664
p19=-96.610;33.940
p20=-96.901;33.226
p21=-97.020;33.002
p22=-97.307;32.521
p23=-97.661;32.051
p24=-97.861;31.826
p25=-98.301;31.407
p26=-98.651;31.141
p27=-98.940;30.946
p28=-99.580;30.619
p29=-100.007;30.470
p30=-100.223;30.398
p31=-100.871;30.273
p32=-101.524;30.235
p33=-102.186;30.282
p34=-102.858;30.417
p35=-103.137;30.508
p36=-103.543;30.648
p37=-104.247;30.987
p38=-104.618;31.216
p39=-104.976;31.461
p40=-105.540;31.926
p41=-105.742;32.116
p42=-106.231;32.640
p43=-106.572;33.073
p44=-106.782;33.362
p45=-107.222;34.090

p46=-107.566;34.809
p47=-107.575;34.827
p48=-107.846;35.572
p49=-108.040;36.326
p50=-108.156;37.089
p51=-108.190;37.861
p52=-108.183;37.975
p53=-108.131;38.644
p54=-107.967;39.436
p55=-107.824;39.856
p56=-107.670;40.239
p57=-107.279;40.937
p58=-107.201;41.051
p59=-106.652;41.693
p60=-106.451;41.871
p61=-105.970;42.245
p62=-105.249;42.644
p63=-105.112;42.695
p64=-104.496;42.908
p65=-103.719;43.053
p66=-102.924;43.086
p67=-102.115;43.011
p68=-101.298;42.826
p69=-100.693;42.607

[C4]

gain=-8
n_point=77
p1=-100.381;43.478
p2=-99.749;43.185
p3=-98.919;42.675
p4=-98.796;42.584
p5=-98.096;42.011
p6=-97.798;41.719
p7=-97.286;41.146
p8=-97.076;40.876
p9=-96.539;40.051
p10=-96.494;39.965
p11=-96.139;39.242
p12=-95.850;38.447
p13=-95.723;37.945
p14=-95.654;37.667
p15=-95.540;36.898
p16=-95.503;36.142
p17=-95.539;35.397
p18=-95.647;34.662
p19=-95.687;34.498
p20=-95.826;33.938
p21=-96.082;33.223
p22=-96.341;32.683
p23=-96.427;32.518
p24=-96.879;31.821
p25=-96.986;31.683
p26=-97.476;31.134
p27=-97.626;30.989
p28=-98.264;30.476
p29=-98.294;30.457

p30=-98.900;30.096
p31=-99.537;29.819
p32=-99.628;29.791
p33=-100.176;29.629
p34=-100.819;29.520
p35=-101.467;29.487
p36=-102.122;29.529
p37=-102.786;29.648
p38=-103.422;29.836
p39=-103.462;29.849
p40=-104.153;30.138
p41=-104.863;30.532
p42=-104.870;30.537
p43=-105.599;31.058
p44=-105.815;31.239
p45=-106.375;31.765
p46=-106.550;31.947
p47=-107.145;32.661
p48=-107.217;32.762
p49=-107.637;33.382
p50=-108.043;34.111
p51=-108.228;34.519
p52=-108.377;34.848
p53=-108.644;35.594
p54=-108.843;36.349
p55=-108.973;37.113
p56=-109.031;37.887
p57=-109.020;38.346
p58=-109.011;38.671
p59=-108.904;39.465
p60=-108.693;40.263
p61=-108.691;40.270
p62=-108.348;41.086
p63=-108.173;41.398
p64=-107.828;41.912
p65=-107.568;42.233
p66=-107.041;42.748
p67=-106.905;42.866
p68=-106.196;43.342
p69=-105.682;43.586
p70=-105.453;43.691
p71=-104.681;43.926
p72=-103.886;44.054
p73=-103.075;44.082
p74=-102.251;44.011
p75=-101.419;43.842
p76=-100.584;43.568
p77=-100.381;43.478

[C5]

gain=-10
n_point=85
p1=-100.549;44.375
p2=-99.830;44.076
p3=-98.987;43.610
p4=-98.765;43.459
p5=-98.153;43.015

p6=-97.653;42.575
p7=-97.332;42.260
p8=-96.850;41.714
p9=-96.528;41.287
p10=-96.244;40.873
p11=-95.784;40.049
p12=-95.747;39.967
p13=-95.433;39.241
p14=-95.180;38.447
p15=-95.012;37.666
p16=-95.000;37.567
p17=-94.915;36.898
p18=-94.887;36.142
p19=-94.927;35.397
p20=-95.000;34.886
p21=-95.031;34.662
p22=-95.196;33.937
p23=-95.431;33.222
p24=-95.670;32.678
p25=-95.744;32.516
p26=-96.143;31.819
p27=-96.322;31.562
p28=-96.653;31.131
p29=-96.964;30.785
p30=-97.314;30.452
p31=-97.602;30.205
p32=-98.211;29.781
p33=-98.236;29.765
p34=-98.870;29.428
p35=-99.504;29.183
p36=-99.725;29.124
p37=-100.140;29.013
p38=-100.779;28.914
p39=-101.423;28.884
p40=-102.073;28.922
p41=-102.731;29.031
p42=-103.221;29.165
p43=-103.400;29.213
p44=-104.081;29.470
p45=-104.779;29.821
p46=-104.844;29.860
p47=-105.498;30.276
p48=-105.869;30.556
p49=-106.248;30.868
p50=-106.666;31.257
p51=-107.042;31.652
p52=-107.317;31.964
p53=-107.860;32.678
p54=-107.912;32.758
p55=-108.322;33.400
p56=-108.709;34.129
p57=-109.001;34.801
p58=-109.030;34.867
p59=-109.296;35.613
p60=-109.500;36.369
p61=-109.641;37.134
p62=-109.717;37.909

p63=-109.717;38.079
p64=-109.725;38.694
p65=-109.657;39.490
p66=-109.494;40.297
p67=-109.489;40.311
p68=-109.228;41.115
p69=-109.016;41.580
p70=-108.823;41.945
p71=-108.445;42.518
p72=-108.230;42.785
p73=-107.807;43.242
p74=-107.340;43.635
p75=-107.119;43.806
p76=-106.391;44.238
p77=-105.794;44.487
p78=-105.629;44.554
p79=-104.842;44.772
p80=-104.033;44.889
p81=-103.207;44.913
p82=-102.370;44.845
p83=-101.525;44.685
p84=-100.677;44.428
p85=-100.549;44.375

[C6]

gain=-15
n_point=97
p1=-101.714;46.251
p2=-100.862;46.036
p3=-99.989;45.726
p4=-99.121;45.311
p5=-99.054;45.273
p6=-98.263;44.809
p7=-97.631;44.344
p8=-97.417;44.177
p9=-96.627;43.444
p10=-96.587;43.403
p11=-95.869;42.567
p12=-95.780;42.447
p13=-95.275;41.710
p14=-95.000;41.221
p15=-94.810;40.871
p16=-94.448;40.048
p17=-94.259;39.491
p18=-94.173;39.241
p19=-93.967;38.448
p20=-93.835;37.668
p21=-93.768;36.900
p22=-93.758;36.143
p23=-93.804;35.398
p24=-93.903;34.663
p25=-94.058;33.938
p26=-94.274;33.223
p27=-94.326;33.087
p28=-94.540;32.516
p29=-94.878;31.818
p30=-95.000;31.609

p31=-95.290;31.129
p32=-95.653;30.629
p33=-95.797;30.447
p34=-96.296;29.899
p35=-96.425;29.774
p36=-96.931;29.328
p37=-97.230;29.109
p38=-97.562;28.877
p39=-98.191;28.526
p40=-98.356;28.453
p41=-98.819;28.247
p42=-99.447;28.041
p43=-100.077;27.903
p44=-100.710;27.824
p45=-100.857;27.818
p46=-101.346;27.798
p47=-101.942;27.830
p48=-101.988;27.833
p49=-102.636;27.921
p50=-103.292;28.070
p51=-103.960;28.288
p52=-104.500;28.522
p53=-104.640;28.582
p54=-105.336;28.947
p55=-105.743;29.207
p56=-106.053;29.412
p57=-106.681;29.896
p58=-106.798;29.993
p59=-107.446;30.590
p60=-107.581;30.728
p61=-108.095;31.290
p62=-108.424;31.704
p63=-108.653;31.998
p64=-109.136;32.712
p65=-109.388;33.148
p66=-109.556;33.434
p67=-109.925;34.164
p68=-110.236;34.903
p69=-110.497;35.651
p70=-110.709;36.408
p71=-110.872;37.175
p72=-110.982;37.952
p73=-111.034;38.739
p74=-111.018;39.538
p75=-110.972;39.954
p76=-110.933;40.348
p77=-110.771;41.170
p78=-110.636;41.613
p79=-110.509;42.005
p80=-110.155;42.794
p81=-110.126;42.852
p82=-109.586;43.711
p83=-109.586;43.712
p84=-108.953;44.451
p85=-108.811;44.582
p86=-108.269;45.051
p87=-107.632;45.462

p88=-107.539;45.521
p89=-106.777;45.900
p90=-105.982;46.171
p91=-105.241;46.332
p92=-105.162;46.350
p93=-104.325;46.456
p94=-103.471;46.474
p95=-102.607;46.408
p96=-101.734;46.257
p97=-101.714;46.251

[C7]

gain=-20
n_point=167
p1=-99.057;54.901
p2=-98.054;54.436
p3=-97.011;53.986
p4=-96.226;53.640
p5=-95.992;53.499
p6=-95.000;52.897
p7=-94.250;52.456
p8=-94.038;52.294
p9=-93.109;51.563
p10=-92.831;51.326
p11=-92.222;50.703
p12=-91.797;50.241
p13=-91.379;49.706
p14=-91.016;49.192
p15=-90.590;48.529
p16=-90.393;48.177
p17=-89.856;47.200
p18=-89.852;47.191
p19=-89.467;46.231
p20=-89.186;45.636
p21=-89.063;45.298
p22=-88.740;44.386
p23=-88.566;43.958
p24=-88.441;43.496
p25=-88.218;42.624
p26=-88.021;41.949
p27=-87.990;41.771
p28=-87.889;40.932
p29=-87.805;40.110
p30=-87.730;39.302
p31=-87.671;38.586
p32=-87.670;38.508
p33=-87.695;37.726
p34=-87.741;36.956
p35=-87.808;36.198
p36=-87.900;35.451
p37=-88.016;34.713
p38=-88.154;33.997
p39=-88.157;33.986
p40=-88.389;33.266
p41=-88.617;32.556
p42=-88.840;31.855
p43=-89.063;31.162

p44=-89.066;31.155
p45=-89.392;30.476
p46=-89.679;29.798
p47=-89.834;29.457
p48=-90.023;29.127
p49=-90.391;28.462
p50=-90.545;28.200
p51=-90.822;27.804
p52=-91.224;27.201
p53=-91.263;27.152
p54=-91.795;26.507
p55=-91.880;26.407
p56=-92.396;25.867
p57=-92.522;25.740
p58=-93.070;25.233
p59=-93.152;25.161
p60=-93.774;24.670
p61=-93.859;24.604
p62=-94.389;24.263
p63=-94.794;23.981
p64=-95.000;23.865
p65=-95.607;23.536
p66=-95.893;23.365
p67=-96.210;23.229
p68=-96.811;22.980
p69=-97.310;22.756
p70=-97.410;22.725
p71=-98.009;22.571
p72=-98.608;22.434
p73=-99.207;22.317
p74=-99.806;22.226
p75=-100.407;22.168
p76=-100.531;22.165
p77=-101.011;22.159
p78=-101.497;22.173
p79=-101.617;22.178
p80=-102.228;22.244
p81=-102.842;22.342
p82=-103.461;22.464
p83=-104.084;22.605
p84=-104.712;22.766
p85=-104.896;22.821
p86=-105.352;23.017
p87=-105.999;23.284
p88=-106.409;23.459
p89=-106.656;23.602
p90=-107.326;23.969
p91=-107.558;24.098
p92=-108.012;24.407
p93=-108.547;24.742
p94=-108.710;24.863
p95=-109.425;25.366
p96=-109.460;25.392
p97=-110.165;25.951
p98=-110.281;26.046
p99=-110.928;26.591
p100=-111.056;26.707

p101=-111.722;27.312
p102=-111.784;27.374
p103=-112.423;28.046
p104=-112.569;28.196
p105=-112.995;28.723
p106=-113.494;29.311
p107=-113.564;29.408
p108=-114.021;30.097
p109=-114.516;30.796
p110=-114.567;30.869
p111=-114.919;31.500
p112=-115.315;32.212
p113=-115.726;32.933
p114=-115.985;33.390
p115=-116.116;33.664
p116=-116.443;34.401
p117=-116.758;35.149
p118=-117.056;35.906
p119=-117.337;36.674
p120=-117.604;37.453
p121=-117.859;38.244
p122=-118.104;39.047
p123=-118.340;39.864
p124=-118.469;40.356
p125=-118.530;40.694
p126=-118.661;41.535
p127=-118.796;42.394
p128=-118.930;43.270
p129=-118.935;43.320
p130=-118.913;44.157
p131=-118.950;45.066
p132=-118.950;45.198
p133=-118.840;45.989
p134=-118.803;46.726
p135=-118.754;46.937
p136=-118.597;47.906
p137=-118.566;48.082
p138=-118.343;48.896
p139=-118.241;49.282
p140=-118.027;49.913
p141=-117.844;50.371
p142=-117.591;50.957
p143=-117.366;51.340
p144=-116.965;52.025
p145=-116.815;52.208
p146=-116.168;52.939
p147=-116.017;53.116
p148=-115.435;53.548
p149=-114.685;54.156
p150=-114.594;54.227
p151=-113.824;54.589
p152=-112.937;54.997
p153=-112.224;55.342
p154=-112.035;55.401
p155=-111.038;55.633
p156=-110.021;55.831
p157=-108.985;55.994

p158=-107.929;56.116
p159=-106.854;56.184
p160=-105.759;56.184
p161=-104.648;56.110
p162=-103.530;55.966
p163=-102.412;55.762
p164=-101.303;55.515
p165=-100.207;55.234
p166=-99.128;54.925
p167=-99.057;54.901

[C8]

gain=-20
n_point=145
p1=-103.089;52.555
p2=-102.774;52.522
p3=-101.770;52.371
p4=-100.767;52.158
p5=-99.766;51.852
p6=-98.766;51.371
p7=-98.715;51.340
p8=-97.798;50.994
p9=-96.840;50.442
p10=-96.561;50.229
p11=-95.908;49.857
p12=-95.083;49.169
p13=-95.000;49.109
p14=-94.122;48.365
p15=-93.911;48.148
p16=-93.277;47.502
p17=-92.976;47.160
p18=-92.469;46.502
p19=-92.232;46.200
p20=-91.704;45.314
p21=-91.670;45.266
p22=-91.138;44.354
p23=-90.985;43.970
p24=-90.711;43.464
p25=-90.409;42.593
p26=-90.328;42.285
p27=-90.089;41.740
p28=-89.867;40.903
p29=-89.749;40.123
p30=-89.733;40.081
p31=-89.519;39.275
p32=-89.428;38.482
p33=-89.404;37.702
p34=-89.423;36.933
p35=-89.475;36.175
p36=-89.555;35.428
p37=-89.664;34.692
p38=-89.806;33.965
p39=-89.999;33.247
p40=-90.296;32.538
p41=-90.310;32.512
p42=-90.514;31.838
p43=-90.819;31.145

p44=-91.069;30.759
p45=-91.201;30.460
p46=-91.594;29.783
p47=-91.772;29.551
p48=-92.030;29.112
p49=-92.446;28.585
p50=-92.541;28.449
p51=-93.088;27.792
p52=-93.102;27.776
p53=-93.648;27.142
p54=-93.745;27.038
p55=-94.300;26.499
p56=-94.376;26.422
p57=-95.000;25.902
p58=-95.059;25.861
p59=-95.617;25.426
p60=-95.994;25.230
p61=-96.231;25.069
p62=-96.841;24.772
p63=-97.369;24.607
p64=-97.451;24.567
p65=-98.057;24.333
p66=-98.665;24.189
p67=-99.274;24.093
p68=-99.884;24.032
p69=-100.383;24.003
p70=-100.495;23.989
p71=-101.107;23.963
p72=-101.724;23.988
p73=-101.956;24.017
p74=-102.344;24.044
p75=-102.967;24.116
p76=-103.596;24.226
p77=-104.232;24.390
p78=-104.881;24.650
p79=-104.938;24.678
p80=-105.531;24.868
p81=-106.196;25.179
p82=-106.449;25.332
p83=-106.873;25.529
p84=-107.558;25.987
p85=-107.572;25.995
p86=-108.281;26.454
p87=-108.517;26.647
p88=-109.020;27.044
p89=-109.317;27.311
p90=-109.794;27.767
p91=-110.013;27.980
p92=-110.612;28.655
p93=-110.619;28.664
p94=-111.238;29.337
p95=-111.494;29.684
p96=-111.793;30.026
p97=-112.286;30.721
p98=-112.474;31.032
p99=-112.779;31.425
p100=-113.220;32.136

p101=-113.580;32.853
p102=-113.679;33.072
p103=-113.987;33.581
p104=-114.353;34.317
p105=-114.669;35.061
p106=-114.954;35.815
p107=-115.215;36.579
p108=-115.453;37.354
p109=-115.662;38.140
p110=-115.831;38.937
p111=-115.938;39.745
p112=-115.947;40.345
p113=-115.985;40.564
p114=-116.095;41.402
p115=-116.122;42.252
p116=-116.063;42.805
p117=-116.081;43.116
p118=-116.078;44.000
p119=-115.957;44.648
p120=-115.942;44.898
p121=-115.794;45.816
p122=-115.695;46.115
p123=-115.532;46.752
p124=-115.293;47.283
p125=-115.092;47.703
p126=-114.779;48.230
p127=-114.444;48.671
p128=-114.181;49.023
p129=-113.492;49.644
p130=-113.480;49.653
p131=-112.815;50.326
p132=-112.256;50.656
p133=-112.052;50.842
p134=-111.274;51.353
p135=-110.426;51.672
p136=-110.411;51.683
p137=-109.587;52.140
p138=-108.682;52.407
p139=-107.735;52.569
p140=-106.763;52.660
p141=-106.700;52.663
p142=-105.799;52.775
p143=-104.805;52.782
p144=-103.793;52.689
p145=-103.089;52.555

[C9]

gain=-20
n_point=105
p1=-101.509;47.213
p2=-100.992;47.093
p3=-100.102;46.808
p4=-99.216;46.426
p5=-98.814;46.210
p6=-98.339;45.956
p7=-97.474;45.380
p8=-97.318;45.258

p9=-96.627;44.690
p10=-96.262;44.337
p11=-95.800;43.848
p12=-95.457;43.441
p13=-95.000;42.818
p14=-94.828;42.566
p15=-94.327;41.710
p16=-94.233;41.517
p17=-93.920;40.872
p18=-93.610;40.050
p19=-93.513;39.714
p20=-93.367;39.243
p21=-93.189;38.450
p22=-93.079;37.670
p23=-93.028;36.902
p24=-93.029;36.146
p25=-93.080;35.401
p26=-93.178;34.665
p27=-93.328;33.940
p28=-93.533;33.224
p29=-93.655;32.893
p30=-93.786;32.517
p31=-94.093;31.819
p32=-94.341;31.367
p33=-94.471;31.129
p34=-94.921;30.446
p35=-95.000;30.342
p36=-95.458;29.772
p37=-95.645;29.566
p38=-96.115;29.105
p39=-96.282;28.955
p40=-96.912;28.469
p41=-96.946;28.447
p42=-97.539;28.066
p43=-98.086;27.797
p44=-98.164;27.758
p45=-98.788;27.503
p46=-99.412;27.320
p47=-100.039;27.198
p48=-100.336;27.165
p49=-100.667;27.122
p50=-101.299;27.098
p51=-101.936;27.130
p52=-102.337;27.186
p53=-102.578;27.216
p54=-103.228;27.349
p55=-103.887;27.543
p56=-104.558;27.812
p57=-104.676;27.869
p58=-105.242;28.136
p59=-105.936;28.548
p60=-105.945;28.553
p61=-106.668;29.048
p62=-106.899;29.230
p63=-107.420;29.666
p64=-107.696;29.918
p65=-108.214;30.442

p66=-108.375;30.612
p67=-108.964;31.312
p68=-109.071;31.457
p69=-109.490;32.020
p70=-109.941;32.735
p71=-110.055;32.942
p72=-110.350;33.458
p73=-110.707;34.189
p74=-111.014;34.928
p75=-111.275;35.677
p76=-111.494;36.435
p77=-111.670;37.203
p78=-111.800;37.981
p79=-111.878;38.771
p80=-111.895;39.571
p81=-111.849;40.246
p82=-111.843;40.383
p83=-111.741;41.208
p84=-111.558;41.972
p85=-111.540;42.045
p86=-111.259;42.896
p87=-111.113;43.223
p88=-110.848;43.760
p89=-110.575;44.210
p90=-110.271;44.637
p91=-109.967;45.014
p92=-109.451;45.527
p93=-109.301;45.669
p94=-108.588;46.210
p95=-108.213;46.425
p96=-107.836;46.646
p97=-107.050;46.990
p98=-106.232;47.235
p99=-105.812;47.316
p100=-105.393;47.406
p101=-104.535;47.503
p102=-103.661;47.518
p103=-102.776;47.453
p104=-101.885;47.308
p105=-101.509;47.213