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sat_name=WILDBLUE-1
long_nom=-111.100
n_diag=1

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beam_id=KSD4
emi_rcp=E
polar_disc=C
reason=C
n_bore=1
n_cont=7

[B1]
gain=0.00
p=-103.700;47.026

[C1]
gain=-2.00
n_point=51
p1=-104.660;43.811
p2=-104.972;43.896
p3=-105.270;44.028
p4=-105.571;44.218
p5=-105.810;44.421
p6=-106.067;44.715
p7=-106.265;45.025
p8=-106.428;45.362
p9=-106.546;45.727
p10=-106.623;46.097
p11=-106.661;46.496
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p13=-106.605;47.311
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p15=-106.366;48.144
p16=-106.180;48.533
p17=-105.958;48.910
p18=-105.657;49.308
p19=-105.328;49.643
p20=-104.973;49.940
p21=-104.621;50.170
p22=-104.237;50.360
p23=-103.850;50.495
p24=-103.426;50.586
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p26=-102.678;50.592
p27=-102.304;50.513
p28=-101.953;50.381
p29=-101.647;50.202
p30=-101.377;49.971
p31=-101.118;49.662
p32=-100.911;49.326
p33=-100.780;48.997

p34=-100.676;48.590
p35=-100.623;48.201
p36=-100.625;47.783
p37=-100.662;47.360
p38=-100.753;46.938
p39=-100.878;46.519
p40=-101.046;46.120
p41=-101.241;45.745
p42=-101.480;45.373
p43=-101.738;45.047
p44=-102.056;44.710
p45=-102.409;44.415
p46=-102.718;44.210
p47=-103.046;44.036
p48=-103.379;43.904
p49=-103.708;43.817
p50=-104.078;43.771
p51=-104.419;43.776

[C2]

gain=-4.00
n_point=51
p1=-104.993;42.618
p2=-105.420;42.734
p3=-105.828;42.914
p4=-106.242;43.172
p5=-106.573;43.448
p6=-106.931;43.848
p7=-107.211;44.272
p8=-107.445;44.733
p9=-107.618;45.235
p10=-107.736;45.745
p11=-107.801;46.296
p12=-107.801;46.881
p13=-107.751;47.429
p14=-107.613;48.052
p15=-107.443;48.598
p16=-107.193;49.149
p17=-106.889;49.684
p18=-106.471;50.252
p19=-106.009;50.734
p20=-105.505;51.161
p21=-105.002;51.496
p22=-104.449;51.771
p23=-103.891;51.969
p24=-103.276;52.103
p25=-102.733;52.145
p26=-102.193;52.113
p27=-101.656;51.999
p28=-101.154;51.806
p29=-100.720;51.546
p30=-100.343;51.212
p31=-99.988;50.766
p32=-99.708;50.284
p33=-99.538;49.813
p34=-99.411;49.233
p35=-99.354;48.682

p36=-99.375;48.092
p37=-99.444;47.500
p38=-99.587;46.910
p39=-99.774;46.327
p40=-100.020;45.775
p41=-100.298;45.258
p42=-100.635;44.746
p43=-100.997;44.299
p44=-101.436;43.839
p45=-101.923;43.438
p46=-102.346;43.158
p47=-102.794;42.922
p48=-103.248;42.743
p49=-103.697;42.626
p50=-104.199;42.564
p51=-104.665;42.571

[C3]

gain=-6.00
n_point=51
p1=-105.223;41.773
p2=-105.730;41.910
p3=-106.217;42.123
p4=-106.711;42.429
p5=-107.109;42.756
p6=-107.541;43.231
p7=-107.880;43.735
p8=-108.167;44.284
p9=-108.383;44.883
p10=-108.534;45.493
p11=-108.623;46.153
p12=-108.635;46.856
p13=-108.586;47.517
p14=-108.433;48.271
p15=-108.238;48.935
p16=-107.945;49.605
p17=-107.584;50.260
p18=-107.082;50.958
p19=-106.522;51.553
p20=-105.905;52.082
p21=-105.287;52.498
p22=-104.604;52.842
p23=-103.910;53.089
p24=-103.146;53.257
p25=-102.471;53.311
p26=-101.802;53.272
p27=-101.137;53.129
p28=-100.521;52.889
p29=-99.991;52.565
p30=-99.537;52.151
p31=-99.114;51.597
p32=-98.787;51.002
p33=-98.595;50.423
p34=-98.459;49.712
p35=-98.406;49.039
p36=-98.450;48.321
p37=-98.548;47.604

p38=-98.735;46.891
p39=-98.973;46.190
p40=-99.278;45.527
p41=-99.619;44.908
p42=-100.030;44.297
p43=-100.466;43.765
p44=-100.993;43.218
p45=-101.576;42.741
p46=-102.080;42.411
p47=-102.613;42.131
p48=-103.152;41.919
p49=-103.684;41.781
p50=-104.280;41.707
p51=-104.833;41.717

[C4]

gain=-8.00
n_point=51
p1=-105.400;41.107
p2=-105.971;41.261
p3=-106.519;41.499
p4=-107.077;41.842
p5=-107.527;42.210
p6=-108.018;42.743
p7=-108.406;43.310
p8=-108.737;43.928
p9=-108.989;44.603
p10=-109.168;45.293
p11=-109.278;46.040
p12=-109.303;46.838
p13=-109.258;47.589
p14=-109.095;48.449
p15=-108.883;49.208
p16=-108.558;49.977
p17=-108.154;50.731
p18=-107.586;51.537
p19=-106.945;52.226
p20=-106.236;52.843
p21=-105.521;53.328
p22=-104.727;53.731
p23=-103.919;54.021
p24=-103.027;54.219
p25=-102.239;54.283
p26=-101.458;54.238
p27=-100.686;54.071
p28=-99.974;53.790
p29=-99.367;53.411
p30=-98.851;52.928
p31=-98.377;52.284
p32=-98.017;51.593
p33=-97.812;50.923
p34=-97.675;50.104
p35=-97.630;49.330
p36=-97.696;48.509
p37=-97.823;47.689
p38=-98.049;46.878
p39=-98.330;46.081

p40=-98.685;45.330
p41=-99.079;44.631
p42=-99.548;43.942
p43=-100.045;43.342
p44=-100.643;42.727
p45=-101.301;42.192
p46=-101.869;41.820
p47=-102.468;41.507
p48=-103.074;41.270
p49=-103.672;41.116
p50=-104.341;41.033
p51=-104.961;41.044

[C5]

gain=-10.00
n_point=51
p1=-105.541;40.569
p2=-106.162;40.737
p3=-106.760;40.996
p4=-107.370;41.369
p5=-107.863;41.769
p6=-108.402;42.349
p7=-108.830;42.966
p8=-109.197;43.640
p9=-109.479;44.377
p10=-109.682;45.130
p11=-109.812;45.948
p12=-109.848;46.824
p13=-109.809;47.650
p14=-109.641;48.596
p15=-109.417;49.434
p16=-109.068;50.286
p17=-108.629;51.122
p18=-108.007;52.020
p19=-107.301;52.790
p20=-106.514;53.481
p21=-105.717;54.026
p22=-104.828;54.480
p23=-103.921;54.808
p24=-102.918;55.033
p25=-102.031;55.106
p26=-101.155;55.055
p27=-100.290;54.868
p28=-99.497;54.550
p29=-98.825;54.125
p30=-98.260;53.581
p31=-97.747;52.859
p32=-97.363;52.087
p33=-97.151;51.340
p34=-97.017;50.429
p35=-96.984;49.572
p36=-97.072;48.664
p37=-97.226;47.760
p38=-97.486;46.868
p39=-97.805;45.994
p40=-98.202;45.171
p41=-98.639;44.406

p42=-99.158;43.653
p43=-99.704;42.999
p44=-100.359;42.329
p45=-101.078;41.747
p46=-101.697;41.344
p47=-102.350;41.003
p48=-103.009;40.746
p49=-103.660;40.578
p50=-104.388;40.489
p51=-105.063;40.501

[C6]

gain=-15.00
n_point=51
p1=-105.800;39.559
p2=-106.517;39.751
p3=-107.209;40.049
p4=-107.915;40.478
p5=-108.490;40.938
p6=-109.121;41.606
p7=-109.626;42.317
p8=-110.063;43.096
p9=-110.404;43.950
p10=-110.657;44.824
p11=-110.827;45.776
p12=-110.891;46.798
p13=-110.866;47.767
p14=-110.694;48.882
p15=-110.452;49.873
p16=-110.061;50.886
p17=-109.562;51.887
p18=-108.839;52.967
p19=-108.006;53.901
p20=-107.066;54.744
p21=-106.102;55.414
p22=-105.020;55.976
p23=-103.907;56.384
p24=-102.672;56.666
p25=-101.581;56.758
p26=-100.505;56.698
p27=-99.452;56.466
p28=-98.497;56.074
p29=-97.700;55.549
p30=-97.044;54.881
p31=-96.466;53.998
p32=-96.047;53.060
p33=-95.832;52.158
p34=-95.718;51.066
p35=-95.717;50.043
p36=-95.858;48.965
p37=-96.071;47.899
p38=-96.404;46.850
p39=-96.799;45.828
p40=-97.281;44.869
p41=-97.804;43.980
p42=-98.418;43.108
p43=-99.058;42.352

p44=-99.822;41.579
p45=-100.656;40.910
p46=-101.373;40.446
p47=-102.126;40.055
p48=-102.885;39.761
p49=-103.634;39.569
p50=-104.473;39.467
p51=-105.250;39.481

[C7]

gain=-20.00
n_point=51
p1=-105.970;38.885
p2=-106.750;39.093
p3=-107.504;39.417
p4=-108.276;39.882
p5=-108.905;40.382
p6=-109.599;41.108
p7=-110.156;41.882
p8=-110.642;42.731
p9=-111.026;43.662
p10=-111.314;44.618
p11=-111.513;45.661
p12=-111.600;46.783
p13=-111.588;47.849
p14=-111.418;49.079
p15=-111.168;50.177
p16=-110.753;51.303
p17=-110.215;52.420
p18=-109.427;53.632
p19=-108.507;54.685
p20=-107.459;55.641
p21=-106.375;56.404
p22=-105.148;57.048
p23=-103.882;57.518
p24=-102.472;57.844
p25=-101.225;57.952
p26=-100.000;57.884
p27=-98.807;57.619
p28=-97.735;57.169
p29=-96.854;56.569
p30=-96.141;55.807
p31=-95.527;54.806
p32=-95.095;53.746
p33=-94.890;52.732
p34=-94.800;51.510
p35=-94.830;50.371
p36=-95.016;49.175
p37=-95.275;47.996
p38=-95.663;46.841
p39=-96.115;45.717
p40=-96.656;44.666
p41=-97.240;43.693
p42=-97.919;42.742
p43=-98.624;41.917
p44=-99.461;41.077
p45=-100.373;40.349

p46=-101.154;39.846
p47=-101.974;39.422
p48=-102.800;39.102
p49=-103.615;38.894
p50=-104.526;38.784
p51=-105.371;38.800