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long_nom=-111.100
n_diag=1

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beam_id=KGD27
emi_rcp=E
polar_disc=C
reason=C
n_bore=1
n_cont=7

[B1]
gain=0.00
p=-117.358;31.473

[C1]
gain=-2.00
n_point=51
p1=-117.407;29.177
p2=-117.662;29.218
p3=-117.916;29.290
p4=-118.175;29.395
p5=-118.436;29.537
p6=-118.694;29.716
p7=-118.922;29.921
p8=-119.122;30.146
p9=-119.295;30.389
p10=-119.451;30.683
p11=-119.549;30.932
p12=-119.626;31.226
p13=-119.665;31.528
p14=-119.666;31.825
p15=-119.627;32.123
p16=-119.557;32.399
p17=-119.456;32.651
p18=-119.313;32.912
p19=-119.141;33.145
p20=-118.939;33.351
p21=-118.709;33.532
p22=-118.481;33.665
p23=-118.225;33.772
p24=-117.948;33.845
p25=-117.667;33.878
p26=-117.371;33.875
p27=-117.089;33.833
p28=-116.803;33.755
p29=-116.539;33.646
p30=-116.279;33.503
p31=-116.020;33.317
p32=-115.791;33.106
p33=-115.576;32.856

p34=-115.409;32.601
p35=-115.270;32.326
p36=-115.173;32.050
p37=-115.106;31.756
p38=-115.077;31.450
p39=-115.085;31.170
p40=-115.130;30.875
p41=-115.210;30.598
p42=-115.314;30.347
p43=-115.461;30.095
p44=-115.633;29.868
p45=-115.832;29.668
p46=-116.057;29.497
p47=-116.281;29.369
p48=-116.523;29.269
p49=-116.788;29.201
p50=-117.057;29.167
p51=-117.317;29.169

[C2]

gain=-4.00
n_point=51
p1=-117.430;28.295
p2=-117.782;28.352
p3=-118.133;28.451
p4=-118.490;28.596
p5=-118.852;28.791
p6=-119.210;29.039
p7=-119.526;29.321
p8=-119.806;29.632
p9=-120.049;29.968
p10=-120.269;30.376
p11=-120.409;30.723
p12=-120.520;31.131
p13=-120.579;31.552
p14=-120.585;31.967
p15=-120.535;32.384
p16=-120.442;32.769
p17=-120.304;33.123
p18=-120.109;33.490
p19=-119.871;33.819
p20=-119.589;34.109
p21=-119.268;34.364
p22=-118.948;34.552
p23=-118.587;34.703
p24=-118.197;34.806
p25=-117.800;34.853
p26=-117.382;34.848
p27=-116.983;34.788
p28=-116.580;34.678
p29=-116.208;34.524
p30=-115.843;34.322
p31=-115.480;34.059
p32=-115.159;33.762
p33=-114.861;33.410
p34=-114.630;33.053
p35=-114.440;32.667

p36=-114.307;32.281
p37=-114.218;31.870
p38=-114.183;31.443
p39=-114.199;31.053
p40=-114.266;30.644
p41=-114.380;30.260
p42=-114.528;29.911
p43=-114.734;29.562
p44=-114.975;29.248
p45=-115.252;28.973
p46=-115.564;28.737
p47=-115.875;28.560
p48=-116.210;28.423
p49=-116.576;28.328
p50=-116.947;28.282
p51=-117.305;28.284

[C3]

gain=-6.00
n_point=51
p1=-117.447;27.658
p2=-117.870;27.726
p3=-118.290;27.844
p4=-118.718;28.017
p5=-119.153;28.251
p6=-119.583;28.548
p7=-119.965;28.886
p8=-120.302;29.260
p9=-120.597;29.663
p10=-120.866;30.154
p11=-121.036;30.571
p12=-121.174;31.063
p13=-121.249;31.571
p14=-121.261;32.072
p15=-121.205;32.576
p16=-121.096;33.043
p17=-120.934;33.472
p18=-120.700;33.917
p19=-120.415;34.317
p20=-120.075;34.670
p21=-119.686;34.981
p22=-119.298;35.209
p23=-118.860;35.393
p24=-118.385;35.520
p25=-117.902;35.576
p26=-117.392;35.570
p27=-116.906;35.497
p28=-116.416;35.362
p29=-115.963;35.174
p30=-115.519;34.928
p31=-115.080;34.608
p32=-114.692;34.247
p33=-114.333;33.819
p34=-114.056;33.386
p35=-113.829;32.918
p36=-113.673;32.450
p37=-113.569;31.955

p38=-113.531;31.439
p39=-113.553;30.969
p40=-113.638;30.476
p41=-113.778;30.014
p42=-113.959;29.595
p43=-114.209;29.177
p44=-114.501;28.800
p45=-114.835;28.470
p46=-115.211;28.187
p47=-115.584;27.975
p48=-115.986;27.811
p49=-116.425;27.697
p50=-116.869;27.642
p51=-117.299;27.644

[C4]

gain=-8.00
n_point=51
p1=-117.462;27.158
p2=-117.939;27.235
p3=-118.414;27.368
p4=-118.898;27.564
p5=-119.389;27.828
p6=-119.877;28.163
p7=-120.309;28.545
p8=-120.693;28.967
p9=-121.029;29.424
p10=-121.335;29.979
p11=-121.531;30.452
p12=-121.691;31.009
p13=-121.780;31.586
p14=-121.798;32.155
p15=-121.738;32.729
p16=-121.618;33.260
p17=-121.436;33.750
p18=-121.174;34.257
p19=-120.851;34.714
p20=-120.466;35.117
p21=-120.024;35.473
p22=-119.581;35.735
p23=-119.081;35.945
p24=-118.538;36.090
p25=-117.985;36.154
p26=-117.402;36.147
p27=-116.846;36.063
p28=-116.285;35.909
p29=-115.768;35.693
p30=-115.261;35.412
p31=-114.760;35.045
p32=-114.319;34.633
p33=-113.913;34.145
p34=-113.599;33.650
p35=-113.345;33.118
p36=-113.170;32.585
p37=-113.056;32.022
p38=-113.016;31.437
p39=-113.045;30.903

p40=-113.144;30.344
p41=-113.306;29.822
p42=-113.513;29.347
p43=-113.799;28.874
p44=-114.131;28.449
p45=-114.509;28.076
p46=-114.935;27.756
p47=-115.358;27.517
p48=-115.811;27.331
p49=-116.307;27.204
p50=-116.809;27.141
p51=-117.294;27.143

[C5]

gain=-10.00
n_point=51
p1=-117.475;26.745
p2=-117.997;26.829
p3=-118.517;26.974
p4=-119.047;27.188
p5=-119.585;27.477
p6=-120.120;27.843
p7=-120.595;28.262
p8=-121.017;28.724
p9=-121.387;29.225
p10=-121.726;29.834
p11=-121.944;30.353
p12=-122.123;30.965
p13=-122.224;31.599
p14=-122.247;32.225
p15=-122.185;32.857
p16=-122.057;33.443
p17=-121.859;33.982
p18=-121.573;34.543
p19=-121.220;35.047
p20=-120.797;35.493
p21=-120.310;35.887
p22=-119.822;36.176
p23=-119.270;36.409
p24=-118.669;36.570
p25=-118.056;36.641
p26=-117.411;36.633
p27=-116.795;36.540
p28=-116.174;36.369
p29=-115.603;36.130
p30=-115.043;35.818
p31=-114.491;35.412
p32=-114.006;34.957
p33=-113.560;34.417
p34=-113.217;33.872
p35=-112.939;33.285
p36=-112.750;32.698
p37=-112.628;32.078
p38=-112.587;31.435
p39=-112.622;30.849
p40=-112.734;30.235
p41=-112.914;29.662

p42=-113.144;29.142
p43=-113.459;28.623
p44=-113.824;28.157
p45=-114.240;27.749
p46=-114.708;27.399
p47=-115.171;27.138
p48=-115.668;26.934
p49=-116.211;26.794
p50=-116.760;26.726
p51=-117.291;26.729

[C6]

gain=-15.00
n_point=51
p1=-117.500;25.970
p2=-118.106;26.067
p3=-118.711;26.236
p4=-119.326;26.484
p5=-119.954;26.819
p6=-120.577;27.244
p7=-121.132;27.731
p8=-121.627;28.269
p9=-122.062;28.852
p10=-122.464;29.561
p11=-122.723;30.167
p12=-122.939;30.883
p13=-123.065;31.625
p14=-123.101;32.359
p15=-123.036;33.101
p16=-122.894;33.790
p17=-122.669;34.425
p18=-122.340;35.087
p19=-121.930;35.683
p20=-121.435;36.212
p21=-120.864;36.678
p22=-120.288;37.022
p23=-119.635;37.298
p24=-118.924;37.489
p25=-118.197;37.574
p26=-117.431;37.563
p27=-116.700;37.452
p28=-115.964;37.249
p29=-115.288;36.964
p30=-114.627;36.594
p31=-113.977;36.113
p32=-113.408;35.574
p33=-112.887;34.936
p34=-112.489;34.293
p35=-112.170;33.602
p36=-111.954;32.913
p37=-111.818;32.185
p38=-111.778;31.432
p39=-111.825;30.747
p40=-111.963;30.030
p41=-112.179;29.361
p42=-112.452;28.756
p43=-112.823;28.152

p44=-113.252;27.610
p45=-113.738;27.136
p46=-114.283;26.730
p47=-114.823;26.427
p48=-115.401;26.191
p49=-116.032;26.028
p50=-116.670;25.949
p51=-117.286;25.952

[C7]

gain=-20.00
n_point=51
p1=-117.518;25.446
p2=-118.181;25.552
p3=-118.842;25.737
p4=-119.516;26.007
p5=-120.203;26.374
p6=-120.887;26.839
p7=-121.497;27.371
p8=-122.041;27.960
p9=-122.521;28.598
p10=-122.966;29.377
p11=-123.255;30.041
p12=-123.497;30.827
p13=-123.642;31.643
p14=-123.687;32.451
p15=-123.623;33.269
p16=-123.472;34.029
p17=-123.230;34.731
p18=-122.872;35.462
p19=-122.424;36.122
p20=-121.880;36.708
p21=-121.251;37.226
p22=-120.616;37.607
p23=-119.893;37.914
p24=-119.104;38.126
p25=-118.298;38.220
p26=-117.447;38.208
p27=-116.636;38.084
p28=-115.819;37.858
p29=-115.069;37.542
p30=-114.338;37.130
p31=-113.620;36.597
p32=-112.995;35.999
p33=-112.423;35.294
p34=-111.988;34.583
p35=-111.641;33.820
p36=-111.409;33.061
p37=-111.265;32.259
p38=-111.227;31.431
p39=-111.283;30.678
p40=-111.439;29.891
p41=-111.680;29.158
p42=-111.983;28.494
p43=-112.393;27.833
p44=-112.865;27.240
p45=-113.399;26.721

p46=-113.998;26.277
p47=-114.589;25.945
p48=-115.222;25.688
p49=-115.913;25.510
p50=-116.610;25.424
p51=-117.284;25.426