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format_ver=1

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long_nom=-111.100
n_diag=1

[COHeader]
beam_id=KGU27
emi_rcp=R
polar_disc=C
reason=C
n_bore=1
n_cont=7

[B1]
gain=0.00
p=-117.357;31.436

[C1]
gain=-2.00
n_point=51
p1=-117.396;29.119
p2=-117.658;29.160
p3=-117.911;29.230
p4=-118.171;29.334
p5=-118.430;29.473
p6=-118.695;29.657
p7=-118.914;29.854
p8=-119.118;30.087
p9=-119.287;30.328
p10=-119.439;30.620
p11=-119.537;30.876
p12=-119.611;31.164
p13=-119.650;31.473
p14=-119.655;31.762
p15=-119.619;32.061
p16=-119.562;32.318
p17=-119.460;32.598
p18=-119.328;32.858
p19=-119.159;33.104
p20=-118.948;33.328
p21=-118.711;33.520
p22=-118.490;33.650
p23=-118.241;33.755
p24=-117.965;33.829
p25=-117.687;33.863
p26=-117.389;33.862
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p28=-116.816;33.744
p29=-116.542;33.633
p30=-116.291;33.496
p31=-116.032;33.312
p32=-115.798;33.099
p33=-115.591;32.859

p34=-115.417;32.594
p35=-115.283;32.326
p36=-115.183;32.042
p37=-115.118;31.759
p38=-115.086;31.449
p39=-115.090;31.171
p40=-115.126;30.892
p41=-115.202;30.594
p42=-115.291;30.359
p43=-115.426;30.102
p44=-115.608;29.846
p45=-115.781;29.660
p46=-115.998;29.481
p47=-116.231;29.338
p48=-116.472;29.230
p49=-116.715;29.160
p50=-117.001;29.115
p51=-117.257;29.109

[C2]

gain=-4.00
n_point=51
p1=-117.414;28.226
p2=-117.777;28.282
p3=-118.127;28.379
p4=-118.486;28.522
p5=-118.845;28.714
p6=-119.213;28.968
p7=-119.518;29.240
p8=-119.802;29.563
p9=-120.040;29.898
p10=-120.255;30.302
p11=-120.394;30.658
p12=-120.502;31.059
p13=-120.561;31.489
p14=-120.572;31.893
p15=-120.528;32.312
p16=-120.451;32.672
p17=-120.312;33.065
p18=-120.132;33.431
p19=-119.898;33.778
p20=-119.604;34.093
p21=-119.272;34.365
p22=-118.962;34.548
p23=-118.611;34.697
p24=-118.222;34.802
p25=-117.828;34.850
p26=-117.408;34.848
p27=-117.006;34.789
p28=-116.598;34.681
p29=-116.212;34.523
p30=-115.859;34.330
p31=-115.495;34.070
p32=-115.168;33.770
p33=-114.880;33.431
p34=-114.639;33.058
p35=-114.455;32.683

p36=-114.319;32.285
p37=-114.232;31.889
p38=-114.193;31.457
p39=-114.202;31.069
p40=-114.257;30.681
p41=-114.366;30.266
p42=-114.492;29.942
p43=-114.684;29.585
p44=-114.938;29.231
p45=-115.180;28.973
p46=-115.482;28.726
p47=-115.805;28.529
p48=-116.139;28.381
p49=-116.475;28.283
p50=-116.870;28.221
p51=-117.224;28.213

[C3]

gain=-6.00
n_point=51
p1=-117.430;27.582
p2=-117.864;27.650
p3=-118.284;27.765
p4=-118.714;27.936
p5=-119.144;28.166
p6=-119.587;28.471
p7=-119.955;28.797
p8=-120.298;29.183
p9=-120.586;29.586
p10=-120.847;30.072
p11=-121.018;30.500
p12=-121.152;30.984
p13=-121.228;31.503
p14=-121.245;31.990
p15=-121.196;32.497
p16=-121.107;32.932
p17=-120.943;33.410
p18=-120.729;33.853
p19=-120.448;34.275
p20=-120.094;34.659
p21=-119.692;34.990
p22=-119.316;35.213
p23=-118.890;35.394
p24=-118.416;35.523
p25=-117.937;35.581
p26=-117.424;35.578
p27=-116.934;35.506
p28=-116.438;35.374
p29=-115.968;35.182
p30=-115.539;34.946
p31=-115.097;34.629
p32=-114.703;34.264
p33=-114.356;33.852
p34=-114.066;33.400
p35=-113.848;32.945
p36=-113.687;32.463
p37=-113.586;31.985

p38=-113.542;31.463
p39=-113.557;30.996
p40=-113.626;30.528
p41=-113.762;30.030
p42=-113.916;29.639
p43=-114.149;29.211
p44=-114.457;28.787
p45=-114.748;28.477
p46=-115.112;28.182
p47=-115.500;27.946
p48=-115.901;27.768
p49=-116.304;27.650
p50=-116.777;27.577
p51=-117.201;27.567

[C4]

gain=-8.00
n_point=51
p1=-117.442;27.078
p2=-117.932;27.153
p3=-118.407;27.284
p4=-118.893;27.477
p5=-119.380;27.736
p6=-119.882;28.080
p7=-120.298;28.448
p8=-120.689;28.885
p9=-121.017;29.340
p10=-121.315;29.891
p11=-121.512;30.376
p12=-121.667;30.925
p13=-121.757;31.514
p14=-121.780;32.068
p15=-121.728;32.644
p16=-121.631;33.140
p17=-121.448;33.684
p18=-121.207;34.190
p19=-120.890;34.671
p20=-120.488;35.110
p21=-120.031;35.489
p22=-119.602;35.745
p23=-119.116;35.952
p24=-118.574;36.099
p25=-118.025;36.166
p26=-117.438;36.162
p27=-116.878;36.080
p28=-116.310;35.929
p29=-115.773;35.708
p30=-115.283;35.438
p31=-114.780;35.075
p32=-114.331;34.658
p33=-113.938;34.187
p34=-113.611;33.672
p35=-113.365;33.153
p36=-113.185;32.605
p37=-113.074;32.061
p38=-113.028;31.469
p39=-113.049;30.939

p40=-113.130;30.408
p41=-113.287;29.843
p42=-113.464;29.402
p43=-113.730;28.917
p44=-114.080;28.438
p45=-114.411;28.088
p46=-114.823;27.754
p47=-115.262;27.488
p48=-115.716;27.287
p49=-116.171;27.155
p50=-116.706;27.071
p51=-117.184;27.060

[C5]

gain=-10.00
n_point=51
p1=-117.453;26.659
p2=-117.990;26.742
p3=-118.509;26.884
p4=-119.042;27.095
p5=-119.576;27.379
p6=-120.126;27.756
p7=-120.584;28.159
p8=-121.013;28.638
p9=-121.375;29.137
p10=-121.705;29.740
p11=-121.923;30.273
p12=-122.097;30.876
p13=-122.199;31.523
p14=-122.228;32.133
p15=-122.175;32.768
p16=-122.071;33.314
p17=-121.873;33.914
p18=-121.611;34.473
p19=-121.263;35.005
p20=-120.823;35.490
p21=-120.319;35.910
p22=-119.846;36.193
p23=-119.309;36.422
p24=-118.709;36.586
p25=-118.102;36.659
p26=-117.451;36.655
p27=-116.831;36.564
p28=-116.202;36.396
p29=-115.608;36.151
p30=-115.067;35.852
p31=-114.512;35.450
p32=-114.019;34.989
p33=-113.586;34.469
p34=-113.228;33.900
p35=-112.960;33.328
p36=-112.765;32.724
p37=-112.646;32.125
p38=-112.600;31.474
p39=-112.625;30.891
p40=-112.717;30.308
p41=-112.892;29.689

p42=-113.088;29.204
p43=-113.382;28.673
p44=-113.768;28.148
p45=-114.132;27.765
p46=-114.585;27.400
p47=-115.066;27.108
p48=-115.563;26.888
p49=-116.062;26.743
p50=-116.647;26.652
p51=-117.170;26.640

[C6]

gain=-15.00
n_point=51
p1=-117.475;25.878
p2=-118.098;25.974
p3=-118.701;26.139
p4=-119.321;26.383
p5=-119.942;26.713
p6=-120.583;27.149
p7=-121.118;27.618
p8=-121.621;28.175
p9=-122.047;28.755
p10=-122.437;29.458
p11=-122.697;30.081
p12=-122.907;30.784
p13=-123.034;31.542
p14=-123.076;32.256
p15=-123.022;33.002
p16=-122.908;33.644
p17=-122.684;34.351
p18=-122.383;35.011
p19=-121.980;35.639
p20=-121.465;36.214
p21=-120.875;36.711
p22=-120.317;37.047
p23=-119.682;37.319
p24=-118.972;37.513
p25=-118.251;37.601
p26=-117.479;37.595
p27=-116.743;37.487
p28=-115.998;37.286
p29=-115.295;36.995
p30=-114.656;36.640
p31=-114.002;36.163
p32=-113.423;35.617
p33=-112.919;35.003
p34=-112.503;34.333
p35=-112.194;33.659
p36=-111.973;32.949
p37=-111.840;32.246
p38=-111.793;31.484
p39=-111.829;30.803
p40=-111.943;30.122
p41=-112.154;29.400
p42=-112.387;28.835
p43=-112.734;28.217

p44=-113.187;27.607
p45=-113.613;27.162
p46=-114.141;26.738
p47=-114.702;26.399
p48=-115.280;26.144
p49=-115.860;25.976
p50=-116.539;25.870
p51=-117.147;25.856

[C7]

gain=-20.00
n_point=51
p1=-117.491;25.349
p2=-118.172;25.453
p3=-118.832;25.633
p4=-119.511;25.900
p5=-120.191;26.261
p6=-120.894;26.738
p7=-121.481;27.251
p8=-122.035;27.860
p9=-122.505;28.496
p10=-122.937;29.267
p11=-123.226;29.950
p12=-123.462;30.723
p13=-123.608;31.556
p14=-123.660;32.342
p15=-123.607;33.163
p16=-123.487;33.871
p17=-123.246;34.652
p18=-122.920;35.382
p19=-122.480;36.078
p20=-121.915;36.715
p21=-121.265;37.266
p22=-120.648;37.640
p23=-119.945;37.942
p24=-119.158;38.158
p25=-118.358;38.255
p26=-117.501;38.248
p27=-116.683;38.127
p28=-115.856;37.904
p29=-115.077;37.581
p30=-114.370;37.186
p31=-113.648;36.657
p32=-113.011;36.052
p33=-112.457;35.372
p34=-112.003;34.631
p35=-111.667;33.887
p36=-111.429;33.104
p37=-111.288;32.330
p38=-111.242;31.491
p39=-111.287;30.743
p40=-111.416;29.995
p41=-111.652;29.203
p42=-111.911;28.585
p43=-112.294;27.908
p44=-112.794;27.239
p45=-113.262;26.753

p46=-113.842;26.289
p47=-114.457;25.919
p48=-115.090;25.640
p49=-115.724;25.456
p50=-116.467;25.340
p51=-117.132;25.324