

[FormatInfo]
format_ver=1

[GeoMain]
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sat_name=WILDBLUE-1
long_nom=-111.100
n_diag=1

[COHeader]
beam_id=KSU25
emi_rcp=R
polar_disc=C
reason=C
n_bore=1
n_cont=7

[B1]
gain=0.00
p=-82.863 ;36.933

[C1]
gain=-2.00
n_point=52
p1=-84.506;34.278
p2=-84.822;34.340
p3=-85.097;34.438
p4=-85.359;34.585
p5=-85.554;34.743
p6=-85.749;34.972
p7=-85.886;35.225
p8=-85.971;35.487
p9=-86.013;35.775
p10=-86.008;36.074
p11=-85.963;36.374
p12=-85.862;36.720
p13=-85.711;37.069
p14=-85.518;37.404
p15=-85.281;37.734
p16=-85.002;38.054
p17=-84.698;38.348
p18=-84.332;38.648
p19=-83.936;38.921
p20=-83.501;39.171
p21=-83.076;39.372
p22=-82.665;39.528
p23=-82.285;39.641
p24=-81.834;39.733
p25=-81.430;39.774
p26=-81.039;39.772
p27=-80.709;39.730
p28=-80.386;39.641
p29=-80.116;39.518
p30=-79.873;39.345
p31=-79.694;39.154
p32=-79.535;38.884
p33=-79.449;38.606

p34=-79.417;38.299
p35=-79.433;38.025
p36=-79.501;37.693
p37=-79.614;37.362
p38=-79.761;37.050
p39=-79.972;36.697
p40=-80.217;36.364
p41=-80.487;36.053
p42=-80.805;35.739
p43=-81.142;35.454
p44=-81.524;35.174
p45=-81.946;34.914
p46=-82.304;34.729
p47=-82.710;34.553
p48=-83.088;34.425
p49=-83.478;34.328
p50=-83.814;34.277
p51=-84.173;34.257
p52=-84.499;34.277

[C2]

gain=-4.00
n_point=52
p1=-85.080;33.276
p2=-85.512;33.362
p3=-85.890;33.496
p4=-86.252;33.698
p5=-86.523;33.915
p6=-86.795;34.230
p7=-86.990;34.578
p8=-87.115;34.938
p9=-87.181;35.335
p10=-87.184;35.749
p11=-87.131;36.163
p12=-87.001;36.642
p13=-86.802;37.127
p14=-86.542;37.593
p15=-86.221;38.054
p16=-85.838;38.502
p17=-85.416;38.915
p18=-84.906;39.338
p19=-84.349;39.723
p20=-83.733;40.077
p21=-83.130;40.363
p22=-82.542;40.587
p23=-81.999;40.748
p24=-81.352;40.881
p25=-80.771;40.942
p26=-80.210;40.940
p27=-79.738;40.882
p28=-79.278;40.756
p29=-78.896;40.583
p30=-78.556;40.338
p31=-78.309;40.066
p32=-78.096;39.684
p33=-77.988;39.291
p34=-77.958;38.858

p35=-77.994;38.470
p36=-78.106;38.004
p37=-78.279;37.540
p38=-78.499;37.102
p39=-78.807;36.610
p40=-79.159;36.147
p41=-79.543;35.714
p42=-79.992;35.280
p43=-80.463;34.885
p44=-80.993;34.500
p45=-81.577;34.143
p46=-82.068;33.888
p47=-82.625;33.648
p48=-83.143;33.473
p49=-83.676;33.341
p50=-84.135;33.271
p51=-84.625;33.245
p52=-85.070;33.274

[C3]

gain=-6.00
n_point=52
p1=-85.479;32.554
p2=-85.994;32.657
p3=-86.445;32.818
p4=-86.880;33.059
p5=-87.205;33.318
p6=-87.535;33.696
p7=-87.774;34.111
p8=-87.930;34.543
p9=-88.016;35.018
p10=-88.027;35.514
p11=-87.971;36.011
p12=-87.824;36.588
p13=-87.593;37.171
p14=-87.287;37.734
p15=-86.906;38.290
p16=-86.449;38.834
p17=-85.942;39.334
p18=-85.325;39.849
p19=-84.648;40.319
p20=-83.897;40.753
p21=-83.158;41.103
p22=-82.434;41.379
p23=-81.765;41.577
p24=-80.964;41.743
p25=-80.247;41.819
p26=-79.554;41.819
p27=-78.971;41.748
p28=-78.406;41.595
p29=-77.939;41.384
p30=-77.528;41.084
p31=-77.233;40.751
p32=-76.985;40.284
p33=-76.866;39.804
p34=-76.844;39.276
p35=-76.901;38.804

p36=-77.052;38.237
p37=-77.277;37.673
p38=-77.556;37.143
p39=-77.941;36.548
p40=-78.375;35.989
p41=-78.847;35.468
p42=-79.393;34.946
p43=-79.964;34.473
p44=-80.603;34.012
p45=-81.303;33.585
p46=-81.891;33.280
p47=-82.556;32.994
p48=-83.173;32.786
p49=-83.808;32.629
p50=-84.354;32.547
p51=-84.937;32.517
p52=-85.467;32.551

[C4]

gain=-8.00
n_point=52
p1=-85.786;31.984
p2=-86.366;32.101
p3=-86.875;32.283
p4=-87.367;32.555
p5=-87.736;32.847
p6=-88.112;33.273
p7=-88.386;33.743
p8=-88.568;34.230
p9=-88.671;34.767
p10=-88.690;35.328
p11=-88.634;35.891
p12=-88.475;36.545
p13=-88.220;37.207
p14=-87.880;37.847
p15=-87.453;38.481
p16=-86.937;39.100
p17=-86.362;39.673
p18=-85.660;40.262
p19=-84.886;40.801
p20=-84.024;41.300
p21=-83.171;41.704
p22=-82.336;42.022
p23=-81.560;42.252
p24=-80.632;42.445
p25=-79.799;42.534
p26=-78.995;42.536
p27=-78.320;42.456
p28=-77.667;42.281
p29=-77.131;42.038
p30=-76.663;41.693
p31=-76.330;41.311
p32=-76.057;40.773
p33=-75.934;40.222
p34=-75.924;39.615
p35=-76.001;39.075
p36=-76.189;38.427

p37=-76.460;37.782
p38=-76.790;37.178
p39=-77.240;36.500
p40=-77.744;35.865
p41=-78.287;35.273
p42=-78.912;34.682
p43=-79.563;34.146
p44=-80.289;33.624
p45=-81.082;33.142
p46=-81.746;32.799
p47=-82.496;32.477
p48=-83.191;32.243
p49=-83.905;32.066
p50=-84.520;31.975
p51=-85.175;31.942
p52=-85.773;31.981

[C5]

gain=-10.00
n_point=52
p1=-86.032;31.518
p2=-86.665;31.646
p3=-87.222;31.845
p4=-87.760;32.143
p5=-88.165;32.462
p6=-88.579;32.928
p7=-88.883;33.441
p8=-89.086;33.974
p9=-89.205;34.562
p10=-89.232;35.176
p11=-89.176;35.793
p12=-89.008;36.510
p13=-88.735;37.237
p14=-88.368;37.941
p15=-87.903;38.639
p16=-87.340;39.322
p17=-86.710;39.954
p18=-85.937;40.606
p19=-85.081;41.203
p20=-84.125;41.757
p21=-83.177;42.206
p22=-82.245;42.561
p23=-81.379;42.818
p24=-80.340;43.034
p25=-79.408;43.135
p26=-78.507;43.139
p27=-77.754;43.052
p28=-77.025;42.858
p29=-76.431;42.588
p30=-75.915;42.206
p31=-75.553;41.781
p32=-75.261;41.184
p33=-75.138;40.572
p34=-75.141;39.901
p35=-75.239;39.302
p36=-75.462;38.585
p37=-75.774;37.874

p38=-76.148;37.207
p39=-76.655;36.461
p40=-77.219;35.763
p41=-77.822;35.112
p42=-78.514;34.464
p43=-79.231;33.877
p44=-80.029;33.306
p45=-80.898;32.779
p46=-81.625;32.404
p47=-82.444;32.053
p48=-83.202;31.798
p49=-83.981;31.606
p50=-84.651;31.507
p51=-85.366;31.471
p52=-86.017;31.515

[C6]

gain=-15.00
n_point=52
p1=-86.477;30.650
p2=-87.209;30.799
p3=-87.853;31.030
p4=-88.478;31.376
p5=-88.951;31.745
p6=-89.437;32.285
p7=-89.798;32.879
p8=-90.043;33.497
p9=-90.192;34.179
p10=-90.235;34.893
p11=-90.183;35.611
p12=-90.002;36.447
p13=-89.698;37.296
p14=-89.282;38.120
p15=-88.751;38.939
p16=-88.099;39.743
p17=-87.365;40.489
p18=-86.457;41.260
p19=-85.446;41.970
p20=-84.307;42.631
p21=-83.172;43.169
p22=-82.050;43.596
p23=-81.003;43.907
p24=-79.744;44.170
p25=-78.611;44.296
p26=-77.519;44.305
p27=-76.606;44.203
p28=-75.730;43.974
p29=-75.021;43.653
p30=-74.416;43.196
p31=-74.001;42.689
p32=-73.682;41.977
p33=-73.567;41.248
p34=-73.606;40.449
p35=-73.753;39.739
p36=-74.051;38.891
p37=-74.450;38.051
p38=-74.917;37.266

p39=-75.538;36.390
p40=-76.219;35.572
p41=-76.940;34.813
p42=-77.760;34.057
p43=-78.604;33.374
p44=-79.537;32.712
p45=-80.549;32.102
p46=-81.392;31.669
p47=-82.339;31.263
p48=-83.215;30.969
p49=-84.113;30.749
p50=-84.885;30.635
p51=-85.709;30.595
p52=-86.461;30.647

[C7]

gain=-20.00
n_point=52
p1=-86.769;30.067
p2=-87.566;30.230
p3=-88.269;30.483
p4=-88.953;30.860
p5=-89.471;31.263
p6=-90.006;31.852
p7=-90.406;32.501
p8=-90.680;33.176
p9=-90.851;33.922
p10=-90.908;34.703
p11=-90.859;35.489
p12=-90.672;36.405
p13=-90.349;37.337
p14=-89.902;38.243
p15=-89.326;39.145
p16=-88.616;40.032
p17=-87.812;40.857
p18=-86.812;41.712
p19=-85.692;42.500
p20=-84.425;43.236
p21=-83.156;43.838
p22=-81.897;44.316
p23=-80.719;44.667
p24=-79.298;44.964
p25=-78.019;45.108
p26=-76.785;45.122
p27=-75.757;45.011
p28=-74.774;44.757
p29=-73.984;44.400
p30=-73.318;43.891
p31=-72.870;43.325
p32=-72.539;42.531
p33=-72.438;41.719
p34=-72.511;40.831
p35=-72.700;40.044
p36=-73.057;39.103
p37=-73.525;38.175
p38=-74.061;37.309
p39=-74.766;36.344

p40=-75.530;35.444
p41=-76.335;34.610
p42=-77.244;33.782
p43=-78.175;33.035
p44=-79.200;32.311
p45=-80.308;31.645
p46=-81.229;31.173
p47=-82.263;30.731
p48=-83.217;30.412
p49=-84.195;30.172
p50=-85.035;30.049
p51=-85.932;30.007
p52=-86.750;30.063