

[FormatInfo]
format_ver=1

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

[COHeader]
beam_id=KSU34
emi_rcp=R
polar_disc=C
reason=C
n_bore=1
n_cont=7

[B1]
gain=0.00
p=-81.958 ;32.070

[C1]
gain=-2.00
n_point=51
p1=-83.416;29.663
p2=-83.686;29.719
p3=-83.950;29.814
p4=-84.203;29.951
p5=-84.399;30.101
p6=-84.590;30.310
p7=-84.721;30.523
p8=-84.827;30.786
p9=-84.880;31.055
p10=-84.888;31.327
p11=-84.853;31.618
p12=-84.769;31.927
p13=-84.650;32.217
p14=-84.478;32.525
p15=-84.271;32.821
p16=-84.003;33.130
p17=-83.731;33.390
p18=-83.402;33.656
p19=-83.011;33.919
p20=-82.667;34.112
p21=-82.270;34.294
p22=-81.889;34.433
p23=-81.522;34.530
p24=-81.153;34.597
p25=-80.764;34.625
p26=-80.434;34.615
p27=-80.096;34.561
p28=-79.798;34.471
p29=-79.546;34.351
p30=-79.309;34.182
p31=-79.113;33.987
p32=-78.955;33.737
p33=-78.866;33.501

p34=-78.812;33.220
p35=-78.812;32.942
p36=-78.856;32.656
p37=-78.946;32.357
p38=-79.094;32.032
p39=-79.274;31.730
p40=-79.510;31.417
p41=-79.776;31.124
p42=-80.057;30.864
p43=-80.385;30.601
p44=-80.728;30.367
p45=-81.089;30.163
p46=-81.432;29.997
p47=-81.792;29.857
p48=-82.134;29.753
p49=-82.491;29.677
p50=-82.838;29.640
p51=-83.177;29.637

[C2]

gain=-4.00
n_point=51
p1=-83.938;28.741
p2=-84.310;28.820
p3=-84.674;28.950
p4=-85.023;29.140
p5=-85.295;29.347
p6=-85.561;29.636
p7=-85.747;29.929
p8=-85.899;30.294
p9=-85.978;30.666
p10=-85.995;31.043
p11=-85.954;31.446
p12=-85.845;31.875
p13=-85.687;32.278
p14=-85.455;32.708
p15=-85.171;33.122
p16=-84.803;33.554
p17=-84.426;33.918
p18=-83.968;34.292
p19=-83.419;34.664
p20=-82.934;34.936
p21=-82.373;35.194
p22=-81.832;35.392
p23=-81.310;35.531
p24=-80.784;35.627
p25=-80.229;35.668
p26=-79.758;35.654
p27=-79.276;35.579
p28=-78.854;35.453
p29=-78.497;35.284
p30=-78.165;35.045
p31=-77.892;34.769
p32=-77.676;34.417
p33=-77.559;34.084
p34=-77.492;33.689
p35=-77.502;33.297

p36=-77.573;32.895
p37=-77.710;32.476
p38=-77.928;32.021
p39=-78.189;31.601
p40=-78.527;31.164
p41=-78.904;30.756
p42=-79.300;30.395
p43=-79.758;30.032
p44=-80.237;29.708
p45=-80.737;29.426
p46=-81.211;29.198
p47=-81.707;29.005
p48=-82.178;28.863
p49=-82.669;28.759
p50=-83.144;28.708
p51=-83.610;28.705

[C3]

gain=-6.00
n_point=51
p1=-84.302;28.080
p2=-84.745;28.174
p3=-85.181;28.331
p4=-85.599;28.558
p5=-85.927;28.805
p6=-86.248;29.152
p7=-86.473;29.503
p8=-86.660;29.940
p9=-86.760;30.386
p10=-86.786;30.839
p11=-86.743;31.323
p12=-86.618;31.838
p13=-86.434;32.324
p14=-86.159;32.843
p15=-85.823;33.342
p16=-85.383;33.864
p17=-84.931;34.306
p18=-84.378;34.760
p19=-83.713;35.212
p20=-83.123;35.544
p21=-82.439;35.858
p22=-81.779;36.100
p23=-81.139;36.271
p24=-80.493;36.390
p25=-79.812;36.441
p26=-79.235;36.426
p27=-78.644;36.335
p28=-78.127;36.181
p29=-77.693;35.976
p30=-77.290;35.686
p31=-76.962;35.350
p32=-76.706;34.921
p33=-76.570;34.516
p34=-76.498;34.036
p35=-76.520;33.560
p36=-76.616;33.073
p37=-76.792;32.565

p38=-77.065;32.015
p39=-77.388;31.508
p40=-77.804;30.981
p41=-78.264;30.490
p42=-78.746;30.057
p43=-79.300;29.620
p44=-79.877;29.232
p45=-80.478;28.895
p46=-81.046;28.622
p47=-81.639;28.391
p48=-82.202;28.223
p49=-82.787;28.099
p50=-83.355;28.039
p51=-83.910;28.036

[C4]

gain=-8.00
n_point=51
p1=-84.585;27.554
p2=-85.085;27.661
p3=-85.577;27.838
p4=-86.050;28.096
p5=-86.421;28.375
p6=-86.787;28.767
p7=-87.045;29.165
p8=-87.259;29.659
p9=-87.378;30.164
p10=-87.411;30.676
p11=-87.368;31.225
p12=-87.232;31.810
p13=-87.028;32.362
p14=-86.722;32.952
p15=-86.344;33.520
p16=-85.847;34.115
p17=-85.335;34.619
p18=-84.706;35.138
p19=-83.948;35.656
p20=-83.273;36.036
p21=-82.488;36.397
p22=-81.728;36.676
p23=-80.991;36.873
p24=-80.246;37.010
p25=-79.460;37.070
p26=-78.793;37.054
p27=-78.112;36.951
p28=-77.518;36.775
p29=-77.020;36.541
p30=-76.560;36.207
p31=-76.188;35.822
p32=-75.901;35.332
p33=-75.753;34.867
p34=-75.680;34.318
p35=-75.714;33.774
p36=-75.832;33.218
p37=-76.042;32.639
p38=-76.363;32.012
p39=-76.739;31.434

p40=-77.219;30.836
p41=-77.748;30.278
p42=-78.299;29.786
p43=-78.931;29.292
p44=-79.586;28.853
p45=-80.268;28.472
p46=-80.911;28.164
p47=-81.581;27.904
p48=-82.216;27.714
p49=-82.876;27.575
p50=-83.516;27.507
p51=-84.142;27.505

[C5]

gain=-10.00
n_point=51
p1=-84.810;27.128
p2=-85.356;27.245
p3=-85.894;27.439
p4=-86.412;27.720
p5=-86.819;28.026
p6=-87.220;28.455
p7=-87.505;28.889
p8=-87.743;29.430
p9=-87.877;29.983
p10=-87.918;30.544
p11=-87.874;31.146
p12=-87.730;31.787
p13=-87.512;32.393
p14=-87.180;33.041
p15=-86.769;33.666
p16=-86.227;34.321
p17=-85.665;34.877
p18=-84.974;35.449
p19=-84.138;36.021
p20=-83.393;36.442
p21=-82.523;36.842
p22=-81.681;37.152
p23=-80.862;37.371
p24=-80.033;37.524
p25=-79.159;37.592
p26=-78.417;37.575
p27=-77.660;37.462
p28=-77.000;37.268
p29=-76.450;37.009
p30=-75.942;36.640
p31=-75.534;36.214
p32=-75.224;35.672
p33=-75.067;35.158
p34=-74.994;34.551
p35=-75.040;33.951
p36=-75.180;33.338
p37=-75.419;32.700
p38=-75.782;32.010
p39=-76.203;31.375
p40=-76.737;30.717
p41=-77.323;30.105

p42=-77.932;29.566
p43=-78.627;29.025
p44=-79.347;28.544
p45=-80.095;28.128
p46=-80.798;27.791
p47=-81.531;27.507
p48=-82.224;27.300
p49=-82.946;27.148
p50=-83.644;27.075
p51=-84.327;27.073

[C6]

gain=-15.00
n_point=51
p1=-85.225;26.322
p2=-85.858;26.459
p3=-86.482;26.684
p4=-87.084;27.011
p5=-87.559;27.367
p6=-88.030;27.865
p7=-88.366;28.370
p8=-88.650;28.999
p9=-88.813;29.642
p10=-88.870;30.296
p11=-88.829;30.997
p12=-88.672;31.746
p13=-88.426;32.454
p14=-88.049;33.213
p15=-87.577;33.945
p16=-86.949;34.716
p17=-86.295;35.371
p18=-85.485;36.047
p19=-84.500;36.725
p20=-83.617;37.224
p21=-82.582;37.701
p22=-81.576;38.071
p23=-80.595;38.334
p24=-79.601;38.519
p25=-78.550;38.603
p26=-77.659;38.585
p27=-76.750;38.453
p28=-75.962;38.224
p29=-75.307;37.917
p30=-74.709;37.479
p31=-74.234;36.974
p32=-73.880;36.330
p33=-73.711;35.722
p34=-73.646;35.004
p35=-73.721;34.295
p36=-73.907;33.571
p37=-74.210;32.819
p38=-74.657;32.008
p39=-75.168;31.263
p40=-75.810;30.493
p41=-76.508;29.778
p42=-77.228;29.149
p43=-78.046;28.519

p44=-78.889;27.960
p45=-79.762;27.476
p46=-80.580;27.086
p47=-81.431;26.757
p48=-82.234;26.517
p49=-83.068;26.343
p50=-83.876;26.260
p51=-84.667;26.258

[C7]

gain=-20.00
n_point=51
p1=-85.498;25.780
p2=-86.189;25.930
p3=-86.870;26.177
p4=-87.529;26.535
p5=-88.050;26.924
p6=-88.567;27.469
p7=-88.938;28.021
p8=-89.254;28.709
p9=-89.439;29.412
p10=-89.507;30.129
p11=-89.470;30.897
p12=-89.305;31.719
p13=-89.043;32.497
p14=-88.636;33.330
p15=-88.124;34.137
p16=-87.438;34.986
p17=-86.722;35.709
p18=-85.831;36.457
p19=-84.743;37.208
p20=-83.765;37.762
p21=-82.615;38.293
p22=-81.493;38.706
p23=-80.398;39.000
p24=-79.284;39.208
p25=-78.107;39.304
p26=-77.109;39.286
p27=-76.093;39.141
p28=-75.213;38.888
p29=-74.485;38.547
p30=-73.825;38.062
p31=-73.305;37.501
p32=-72.925;36.787
p33=-72.751;36.112
p34=-72.695;35.317
p35=-72.796;34.532
p36=-73.017;33.733
p37=-73.368;32.903
p38=-73.878;32.009
p39=-74.454;31.188
p40=-75.173;30.342
p41=-75.950;29.557
p42=-76.746;28.867
p43=-77.649;28.177
p44=-78.576;27.565
p45=-79.533;27.037

p46=-80.428;26.610
p47=-81.358;26.251
p48=-82.235;25.991
p49=-83.145;25.801
p50=-84.027;25.711
p51=-84.888;25.710