

[FormatInfo]
format_ver=1

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

[COHeader]
beam_id=KGD16
emi_rcp=E
polar_disc=C
reason=C
n_bore=1
n_cont=7

[B1]
gain=0.00
p=-76.541 ;42.298

[C1]
gain=-2.00
n_point=51
p1=-78.980;39.198
p2=-79.317;39.243
p3=-79.624;39.329
p4=-79.897;39.462
p5=-80.129;39.635
p6=-80.313;39.851
p7=-80.452;40.118
p8=-80.528;40.408
p9=-80.546;40.703
p10=-80.507;41.033
p11=-80.416;41.369
p12=-80.241;41.774
p13=-80.041;42.123
p14=-79.780;42.488
p15=-79.437;42.888
p16=-79.046;43.276
p17=-78.627;43.633
p18=-78.170;43.977
p19=-77.587;44.354
p20=-77.010;44.679
p21=-76.464;44.944
p22=-75.862;45.193
p23=-75.277;45.395
p24=-74.693;45.551
p25=-74.158;45.653
p26=-73.604;45.706
p27=-73.116;45.699
p28=-72.728;45.640
p29=-72.393;45.526
p30=-72.109;45.356
p31=-71.919;45.141
p32=-71.794;44.856
p33=-71.759;44.521

p34=-71.809;44.201
p35=-71.919;43.863
p36=-72.096;43.491
p37=-72.318;43.130
p38=-72.630;42.706
p39=-72.979;42.303
p40=-73.363;41.910
p41=-73.794;41.518
p42=-74.235;41.154
p43=-74.677;40.823
p44=-75.185;40.481
p45=-75.701;40.172
p46=-76.277;39.870
p47=-76.758;39.654
p48=-77.247;39.472
p49=-77.685;39.341
p50=-78.164;39.242
p51=-78.591;39.195

[C2]

gain=-4.00
n_point=51
p1=-79.795;38.037
p2=-80.254;38.100
p3=-80.672;38.220
p4=-81.047;38.402
p5=-81.370;38.639
p6=-81.630;38.934
p7=-81.832;39.300
p8=-81.949;39.698
p9=-81.989;40.104
p10=-81.952;40.556
p11=-81.844;41.020
p12=-81.624;41.580
p13=-81.363;42.063
p14=-81.018;42.571
p15=-80.556;43.129
p16=-80.022;43.672
p17=-79.443;44.175
p18=-78.804;44.660
p19=-77.979;45.197
p20=-77.153;45.661
p21=-76.364;46.043
p22=-75.486;46.403
p23=-74.626;46.697
p24=-73.761;46.927
p25=-72.965;47.079
p26=-72.140;47.162
p27=-71.415;47.156
p28=-70.845;47.075
p29=-70.358;46.913
p30=-69.956;46.670
p31=-69.700;46.360
p32=-69.550;45.951
p33=-69.541;45.469
p34=-69.652;45.009
p35=-69.849;44.526

p36=-70.142;43.995
p37=-70.493;43.483
p38=-70.973;42.883
p39=-71.495;42.315
p40=-72.058;41.765
p41=-72.681;41.218
p42=-73.308;40.712
p43=-73.929;40.255
p44=-74.636;39.783
p45=-75.347;39.359
p46=-76.135;38.946
p47=-76.790;38.652
p48=-77.452;38.405
p49=-78.044;38.228
p50=-78.692;38.094
p51=-79.268;38.032

[C3]

gain=-6.00
n_point=51
p1=-80.342;37.218
p2=-80.885;37.294
p3=-81.382;37.437
p4=-81.830;37.654
p5=-82.217;37.936
p6=-82.532;38.287
p7=-82.782;38.722
p8=-82.933;39.195
p9=-82.992;39.679
p10=-82.961;40.219
p11=-82.846;40.773
p12=-82.599;41.443
p13=-82.301;42.023
p14=-81.900;42.633
p15=-81.358;43.305
p16=-80.724;43.962
p17=-80.031;44.571
p18=-79.259;45.162
p19=-78.255;45.818
p20=-77.240;46.388
p21=-76.263;46.858
p22=-75.167;47.305
p23=-74.085;47.673
p24=-72.991;47.961
p25=-71.980;48.155
p26=-70.931;48.264
p27=-70.011;48.262
p28=-69.291;48.166
p29=-68.685;47.968
p30=-68.195;47.669
p31=-67.898;47.287
p32=-67.746;46.780
p33=-67.777;46.185
p34=-67.955;45.619
p35=-68.238;45.025
p36=-68.639;44.374
p37=-69.105;43.748

p38=-69.727;43.018
p39=-70.391;42.329
p40=-71.095;41.664
p41=-71.864;41.004
p42=-72.630;40.397
p43=-73.384;39.849
p44=-74.234;39.285
p45=-75.084;38.780
p46=-76.020;38.290
p47=-76.796;37.941
p48=-77.579;37.649
p49=-78.277;37.439
p50=-79.041;37.282
p51=-79.720;37.210

[C4]

gain=-8.00
n_point=51
p1=-80.757;36.575
p2=-81.365;36.661
p3=-81.923;36.822
p4=-82.427;37.067
p5=-82.867;37.384
p6=-83.226;37.778
p7=-83.514;38.269
p8=-83.693;38.801
p9=-83.769;39.346
p10=-83.746;39.954
p11=-83.629;40.579
p12=-83.364;41.336
p13=-83.039;41.992
p14=-82.597;42.684
p15=-81.993;43.448
p16=-81.282;44.195
p17=-80.499;44.891
p18=-79.621;45.568
p19=-78.470;46.322
p20=-77.298;46.979
p21=-76.161;47.524
p22=-74.878;48.044
p23=-73.603;48.473
p24=-72.307;48.814
p25=-71.105;49.045
p26=-69.854;49.178
p27=-68.758;49.181
p28=-67.904;49.074
p29=-67.193;48.848
p30=-66.631;48.502
p31=-66.308;48.058
p32=-66.167;47.470
p33=-66.250;46.779
p34=-66.500;46.123
p35=-66.871;45.437
p36=-67.377;44.687
p37=-67.950;43.967
p38=-68.700;43.130
p39=-69.487;42.343

p40=-70.313;41.585
p41=-71.204;40.836
p42=-72.085;40.148
p43=-72.945;39.528
p44=-73.910;38.892
p45=-74.870;38.323
p46=-75.922;37.772
p47=-76.792;37.381
p48=-77.668;37.054
p49=-78.449;36.820
p50=-79.302;36.645
p51=-80.061;36.565

[C5]

gain=-10.00
n_point=51
p1=-81.087;36.048
p2=-81.749;36.142
p3=-82.357;36.318
p4=-82.908;36.585
p5=-83.390;36.931
p6=-83.786;37.361
p7=-84.107;37.896
p8=-84.310;38.477
p9=-84.402;39.072
p10=-84.386;39.737
p11=-84.268;40.420
p12=-83.991;41.249
p13=-83.646;41.968
p14=-83.171;42.728
p15=-82.519;43.568
p16=-81.745;44.391
p17=-80.888;45.160
p18=-79.921;45.909
p19=-78.646;46.745
p20=-77.338;47.477
p21=-76.062;48.087
p22=-74.613;48.671
p23=-73.164;49.156
p24=-71.684;49.543
p25=-70.305;49.808
p26=-68.866;49.964
p27=-67.605;49.975
p28=-66.627;49.860
p29=-65.823;49.609
p30=-65.198;49.223
p31=-64.859;48.726
p32=-64.741;48.066
p33=-64.883;47.291
p34=-65.210;46.557
p35=-65.671;45.790
p36=-66.280;44.954
p37=-66.953;44.154
p38=-67.822;43.226
p39=-68.721;42.356
p40=-69.653;41.521
p41=-70.650;40.697

p42=-71.629;39.942
p43=-72.578;39.263
p44=-73.638;38.568
p45=-74.689;37.946
p46=-75.837;37.346
p47=-76.783;36.920
p48=-77.735;36.565
p49=-78.582;36.311
p50=-79.508;36.121
p51=-80.332;36.036

[C6]

gain=-15.00
n_point=51
p1=-81.681;35.066
p2=-82.441;35.176
p3=-83.141;35.381
p4=-83.779;35.689
p5=-84.340;36.089
p6=-84.807;36.586
p7=-85.191;37.203
p8=-85.441;37.874
p9=-85.565;38.562
p10=-85.568;39.332
p11=-85.453;40.124
p12=-85.158;41.087
p13=-84.778;41.925
p14=-84.247;42.813
p15=-83.507;43.796
p16=-82.618;44.765
p17=-81.622;45.673
p18=-80.485;46.562
p19=-78.967;47.561
p20=-77.390;48.441
p21=-75.831;49.180
p22=-74.038;49.893
p23=-72.221;50.493
p24=-70.340;50.979
p25=-68.569;51.319
p26=-66.706;51.531
p27=-65.069;51.562
p28=-63.809;51.437
p29=-62.797;51.141
p30=-62.049;50.675
p31=-61.702;50.067
p32=-61.673;49.260
p33=-61.993;48.312
p34=-62.525;47.418
p35=-63.209;46.488
p36=-64.062;45.481
p37=-64.967;44.522
p38=-66.095;43.418
p39=-67.229;42.388
p40=-68.379;41.404
p41=-69.588;40.438
p42=-70.758;39.556
p43=-71.879;38.766

p44=-73.120;37.960
p45=-74.340;37.242
p46=-75.665;36.550
p47=-76.753;36.060
p48=-77.844;35.653
p49=-78.814;35.363
p50=-79.872;35.147
p51=-80.815;35.051

[C7]

gain=-20.00
n_point=51
p1=-82.063;34.408
p2=-82.889;34.529
p3=-83.650;34.753
p4=-84.347;35.089
p5=-84.962;35.525
p6=-85.477;36.066
p7=-85.904;36.738
p8=-86.188;37.469
p9=-86.336;38.220
p10=-86.353;39.060
p11=-86.243;39.925
p12=-85.939;40.980
p13=-85.539;41.898
p14=-84.974;42.872
p15=-84.177;43.955
p16=-83.211;45.023
p17=-82.121;46.028
p18=-80.868;47.015
p19=-79.179;48.128
p20=-77.407;49.115
p21=-75.638;49.947
p22=-73.582;50.758
p23=-71.475;51.445
p24=-69.271;52.009
p25=-67.171;52.411
p26=-64.943;52.672
p27=-62.974;52.728
p28=-61.462;52.601
p29=-60.271;52.276
p30=-59.431;51.753
p31=-59.107;51.062
p32=-59.200;50.140
p33=-59.717;49.060
p34=-60.456;48.043
p35=-61.351;46.991
p36=-62.422;45.859
p37=-63.522;44.786
p38=-64.859;43.556
p39=-66.175;42.414
p40=-67.489;41.328
p41=-68.852;40.264
p42=-70.156;39.296
p43=-71.398;38.431
p44=-72.762;37.550
p45=-74.097;36.768

p46=-75.541;36.014
p47=-76.723;35.482
p48=-77.906;35.040
p49=-78.957;34.726
p50=-80.103;34.493
p51=-81.125;34.390