

[FormatInfo]
format_ver=1

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

[COHeader]
beam_id=KSU17
emi_rcp=R
polar_disc=C
reason=C
n_bore=1
n_cont=7

[B1]
gain=0.00
p=-66.877 ;43.585

[C1]
gain=-2.00
n_point=52
p1=-70.554;40.326
p2=-71.023;40.361
p3=-71.378;40.444
p4=-71.688;40.568
p5=-71.952;40.741
p6=-72.127;40.942
p7=-72.265;41.216
p8=-72.310;41.510
p9=-72.271;41.838
p10=-72.157;42.182
p11=-71.976;42.533
p12=-71.719;42.902
p13=-71.340;43.334
p14=-70.906;43.740
p15=-70.395;44.151
p16=-69.839;44.543
p17=-69.176;44.957
p18=-68.488;45.339
p19=-67.646;45.741
p20=-66.772;46.109
p21=-65.922;46.424
p22=-65.090;46.676
p23=-64.251;46.901
p24=-63.479;47.057
p25=-62.632;47.190
p26=-61.918;47.247
p27=-61.249;47.255
p28=-60.706;47.213
p29=-60.268;47.106
p30=-59.879;46.967
p31=-59.650;46.745
p32=-59.518;46.503
p33=-59.513;46.181

p34=-59.678;45.821
p35=-59.921;45.470
p36=-60.270;45.077
p37=-60.742;44.645
p38=-61.312;44.197
p39=-61.965;43.738
p40=-62.632;43.312
p41=-63.317;42.905
p42=-64.038;42.505
p43=-64.781;42.113
p44=-65.529;41.749
p45=-66.316;41.404
p46=-67.002;41.123
p47=-67.689;40.874
p48=-68.323;40.678
p49=-68.922;40.518
p50=-69.543;40.402
p51=-70.032;40.339
p52=-70.554;40.325

[C2]

gain=-4.00
n_point=52
p1=-71.729;39.126
p2=-72.355;39.177
p3=-72.832;39.293
p4=-73.253;39.463
p5=-73.617;39.700
p6=-73.864;39.974
p7=-74.068;40.348
p8=-74.150;40.750
p9=-74.121;41.199
p10=-73.993;41.669
p11=-73.775;42.151
p12=-73.452;42.658
p13=-72.965;43.253
p14=-72.397;43.814
p15=-71.716;44.386
p16=-70.963;44.933
p17=-70.052;45.515
p18=-69.093;46.054
p19=-67.897;46.626
p20=-66.632;47.155
p21=-65.379;47.613
p22=-64.132;47.984
p23=-62.850;48.320
p24=-61.653;48.558
p25=-60.317;48.768
p26=-59.176;48.869
p27=-58.098;48.897
p28=-57.222;48.851
p29=-56.528;48.707
p30=-55.920;48.515
p31=-55.604;48.194
p32=-55.454;47.844
p33=-55.538;47.373
p34=-55.905;46.844

p35=-56.381;46.329
p36=-57.017;45.755
p37=-57.827;45.129
p38=-58.761;44.485
p39=-59.788;43.829
p40=-60.805;43.225
p41=-61.821;42.652
p42=-62.866;42.094
p43=-63.921;41.551
p44=-64.965;41.048
p45=-66.048;40.576
p46=-66.982;40.193
p47=-67.908;39.856
p48=-68.758;39.592
p49=-69.556;39.377
p50=-70.384;39.223
p51=-71.032;39.140
p52=-71.728;39.125

[C3]

gain=-6.00
n_point=52
p1=-72.511;38.277
p2=-73.246;38.339
p3=-73.808;38.479
p4=-74.306;38.682
p5=-74.741;38.965
p6=-75.042;39.291
p7=-75.295;39.736
p8=-75.409;40.213
p9=-75.394;40.748
p10=-75.263;41.307
p11=-75.025;41.882
p12=-74.665;42.487
p13=-74.110;43.200
p14=-73.454;43.873
p15=-72.659;44.560
p16=-71.769;45.221
p17=-70.682;45.927
p18=-69.522;46.584
p19=-68.058;47.284
p20=-66.487;47.938
p21=-64.907;48.508
p22=-63.309;48.976
p23=-61.637;49.406
p24=-60.051;49.717
p25=-58.243;50.001
p26=-56.673;50.149
p27=-55.166;50.209
p28=-53.926;50.174
p29=-52.953;50.013
p30=-52.104;49.789
p31=-51.724;49.392
p32=-51.599;48.953
p33=-51.846;48.356
p34=-52.500;47.680
p35=-53.276;47.026

p36=-54.246;46.303
p37=-55.420;45.518
p38=-56.713;44.717
p39=-58.085;43.910
p40=-59.403;43.170
p41=-60.691;42.474
p42=-61.990;41.800
p43=-63.282;41.147
p44=-64.543;40.546
p45=-65.838;39.984
p46=-66.946;39.529
p47=-68.038;39.130
p48=-69.036;38.819
p49=-69.970;38.567
p50=-70.938;38.387
p51=-71.696;38.291
p52=-72.511;38.276

[C4]

gain=-8.00
n_point=52
p1=-73.099;37.611
p2=-73.917;37.683
p3=-74.545;37.841
p4=-75.104;38.071
p5=-75.595;38.389
p6=-75.938;38.756
p7=-76.233;39.256
p8=-76.374;39.793
p9=-76.373;40.394
p10=-76.243;41.024
p11=-75.995;41.671
p12=-75.608;42.354
p13=-75.005;43.160
p14=-74.284;43.922
p15=-73.402;44.703
p16=-72.408;45.454
p17=-71.180;46.260
p18=-69.859;47.014
p19=-68.174;47.820
p20=-66.342;48.579
p21=-64.472;49.245
p22=-62.556;49.798
p23=-60.513;50.314
p24=-58.540;50.695
p25=-56.235;51.055
p26=-54.181;51.261
p27=-52.148;51.370
p28=-50.426;51.368
p29=-49.061;51.212
p30=-47.855;50.981
p31=-47.412;50.520
p32=-47.371;49.998
p33=-47.931;49.273
p34=-49.050;48.447
p35=-50.252;47.656
p36=-51.653;46.790

p37=-53.246;45.861
p38=-54.921;44.923
p39=-56.631;43.985
p40=-58.229;43.133
p41=-59.757;42.336
p42=-61.274;41.568
p43=-62.761;40.828
p44=-64.199;40.148
p45=-65.662;39.515
p46=-66.906;39.005
p47=-68.126;38.558
p48=-69.238;38.211
p49=-70.277;37.930
p50=-71.352;37.730
p51=-72.193;37.624
p52=-73.099;37.610

[C5]

gain=-10.00
n_point=52
p1=-73.562;37.069
p2=-74.447;37.149
p3=-75.128;37.322
p4=-75.736;37.573
p5=-76.273;37.920
p6=-76.652;38.320
p7=-76.982;38.865
p8=-77.146;39.450
p9=-77.159;40.106
p10=-77.032;40.793
p11=-76.777;41.501
p12=-76.372;42.247
p13=-75.732;43.129
p14=-74.961;43.965
p15=-74.011;44.822
p16=-72.931;45.649
p17=-71.590;46.539
p18=-70.134;47.373
p19=-68.259;48.270
p20=-66.199;49.119
p21=-64.069;49.870
p22=-61.856;50.500
p23=-59.453;51.095
p24=-57.084;51.547
p25=-54.229;51.991
p26=-51.581;52.270
p27=-48.808;52.459
p28=-46.267;52.537
p29=-44.078;52.447
p30=-41.881;52.294
p31=-41.269;51.791
p32=-41.574;51.161
p33=-43.061;50.241
p34=-45.184;49.212
p35=-47.105;48.260
p36=-49.109;47.243
p37=-51.214;46.174

p38=-53.305;45.109
p39=-55.355;44.056
p40=-57.218;43.107
p41=-58.964;42.225
p42=-60.670;41.378
p43=-62.324;40.566
p44=-63.909;39.822
p45=-65.511;39.131
p46=-66.865;38.576
p47=-68.188;38.090
p48=-69.392;37.714
p49=-70.514;37.410
p50=-71.675;37.194
p51=-72.583;37.081
p52=-73.562;37.068

[C6]

gain=-15.00
n_point=52
p1=-74.386;36.062
p2=-75.393;36.157
p3=-76.173;36.359
p4=-76.872;36.650
p5=-77.495;37.051
p6=-77.941;37.512
p7=-78.338;38.141
p8=-78.548;38.816
p9=-78.590;39.573
p10=-78.475;40.366
p11=-78.213;41.185
p12=-77.779;42.050
p13=-77.079;43.075
p14=-76.220;44.048
p15=-75.147;45.051
p16=-73.912;46.023
p17=-72.356;47.073
p18=-70.642;48.064
p19=-68.394;49.139
p20=-65.866;50.169
p21=-63.179;51.095
p22=-60.293;51.891
p23=-57.003;52.672
p24=-53.540;53.307
p25=-48.804;54.026
p26=-42.873;54.730
p27=-36.598;55.351
p28=-36.649;55.054
p29=-36.583;54.618
p30=-36.465;54.115
p31=-36.215;53.442
p32=-35.940;52.759
p33=-35.569;51.910
p34=-35.154;51.020
p35=-34.761;50.185
p36=-41.917;48.393
p37=-46.365;46.888
p38=-49.767;45.518

p39=-52.705;44.218
p40=-55.184;43.073
p41=-57.401;42.023
p42=-59.498;41.025
p43=-61.482;40.076
p44=-63.349;39.212
p45=-65.211;38.414
p46=-66.770;37.775
p47=-68.284;37.218
p48=-69.654;36.788
p49=-70.928;36.442
p50=-72.245;36.199
p51=-73.274;36.073
p52=-74.386;36.061

[C7]

gain=-20.00
n_point=52
p1=-74.912;35.390
p2=-75.999;35.496
p3=-76.844;35.717
p4=-77.604;36.034
p5=-78.284;36.472
p6=-78.776;36.974
p7=-79.219;37.658
p8=-79.463;38.393
p9=-79.528;39.217
p10=-79.423;40.082
p11=-79.160;40.975
p12=-78.711;41.920
p13=-77.975;43.041
p14=-77.062;44.108
p15=-75.910;45.210
p16=-74.574;46.280
p17=-72.873;47.441
p18=-70.979;48.543
p19=-68.464;49.745
p20=-65.586;50.907
p21=-62.456;51.965
p22=-58.994;52.896
p23=-54.842;53.843
p24=-50.052;54.687
p25=-40.249;56.099
p26=-37.204;56.441
p27=-37.374;56.209
p28=-37.415;55.875
p29=-37.317;55.388
p30=-37.159;54.825
p31=-36.846;54.076
p32=-36.511;53.317
p33=-36.068;52.376
p34=-35.579;51.392
p35=-35.124;50.470
p36=-34.637;49.472
p37=-41.166;47.600
p38=-46.771;45.867
p39=-50.663;44.356

p40=-53.689;43.062
p41=-56.284;41.892
p42=-58.674;40.789
p43=-60.895;39.747
p44=-62.958;38.802
p45=-64.997;37.932
p46=-66.693;37.238
p47=-68.332;36.633
p48=-69.812;36.169
p49=-71.185;35.795
p50=-72.604;35.534
p51=-73.713;35.399
p52=-74.911;35.389