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format_ver=1

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

[COHeader]
beam_id=KSU29
emi_rcp=R
polar_disc=C
reason=C
n_bore=1
n_cont=7

[B1]
gain=0.00
p=-107.755;31.462

[C1]
gain=-2.00
n_point=50
p1=-108.135;29.154
p2=-108.420;29.210
p3=-108.669;29.297
p4=-108.909;29.418
p5=-109.135;29.570
p6=-109.352;29.764
p7=-109.541;29.992
p8=-109.691;30.227
p9=-109.816;30.493
p10=-109.902;30.758
p11=-109.959;31.039
p12=-109.981;31.332
p13=-109.972;31.610
p14=-109.922;31.931
p15=-109.847;32.206
p16=-109.736;32.482
p17=-109.589;32.751
p18=-109.408;33.006
p19=-109.225;33.207
p20=-108.960;33.432
p21=-108.696;33.601
p22=-108.457;33.715
p23=-108.189;33.805
p24=-107.902;33.862
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p26=-107.306;33.857
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p28=-106.776;33.707
p29=-106.517;33.571
p30=-106.291;33.408
p31=-106.078;33.205
p32=-105.894;32.974
p33=-105.743;32.711

p34=-105.635;32.451
p35=-105.560;32.176
p36=-105.520;31.892
p37=-105.512;31.574
p38=-105.544;31.273
p39=-105.608;30.977
p40=-105.704;30.700
p41=-105.826;30.436
p42=-105.990;30.171
p43=-106.158;29.955
p44=-106.395;29.715
p45=-106.630;29.534
p46=-106.862;29.395
p47=-107.127;29.275
p48=-107.377;29.198
p49=-107.638;29.151
p50=-107.918;29.138

[C2]

gain=-4.00
n_point=50
p1=-108.277;28.270
p2=-108.669;28.348
p3=-109.014;28.468
p4=-109.345;28.634
p5=-109.659;28.844
p6=-109.959;29.111
p7=-110.224;29.426
p8=-110.434;29.750
p9=-110.611;30.119
p10=-110.733;30.486
p11=-110.816;30.876
p12=-110.851;31.283
p13=-110.843;31.670
p14=-110.778;32.118
p15=-110.678;32.502
p16=-110.526;32.888
p17=-110.323;33.266
p18=-110.072;33.624
p19=-109.818;33.906
p20=-109.448;34.224
p21=-109.078;34.463
p22=-108.742;34.623
p23=-108.364;34.750
p24=-107.959;34.830
p25=-107.528;34.857
p26=-107.118;34.824
p27=-106.732;34.741
p28=-106.373;34.612
p29=-106.008;34.421
p30=-105.693;34.191
p31=-105.395;33.905
p32=-105.141;33.579
p33=-104.933;33.211
p34=-104.785;32.845
p35=-104.686;32.460
p36=-104.633;32.063

p37=-104.628;31.621
p38=-104.676;31.201
p39=-104.769;30.790
p40=-104.907;30.405
p41=-105.080;30.039
p42=-105.310;29.672
p43=-105.544;29.374
p44=-105.874;29.043
p45=-106.199;28.793
p46=-106.521;28.601
p47=-106.887;28.437
p48=-107.232;28.331
p49=-107.591;28.267
p50=-107.978;28.248

[C3]

gain=-6.00
n_point=50
p1=-108.378;27.630
p2=-108.849;27.723
p3=-109.262;27.866
p4=-109.660;28.066
p5=-110.036;28.317
p6=-110.399;28.637
p7=-110.719;29.015
p8=-110.973;29.404
p9=-111.188;29.847
p10=-111.338;30.288
p11=-111.442;30.757
p12=-111.487;31.248
p13=-111.482;31.715
p14=-111.407;32.256
p15=-111.289;32.721
p16=-111.110;33.188
p17=-110.867;33.646
p18=-110.566;34.082
p19=-110.259;34.424
p20=-109.812;34.811
p21=-109.363;35.102
p22=-108.954;35.298
p23=-108.494;35.453
p24=-108.001;35.551
p25=-107.475;35.583
p26=-106.977;35.544
p27=-106.506;35.443
p28=-106.069;35.285
p29=-105.627;35.052
p30=-105.245;34.771
p31=-104.886;34.423
p32=-104.579;34.028
p33=-104.331;33.580
p34=-104.156;33.137
p35=-104.039;32.670
p36=-103.980;32.190
p37=-103.978;31.656
p38=-104.040;31.149
p39=-104.156;30.654

p40=-104.325;30.190
p41=-104.536;29.750
p42=-104.815;29.310
p43=-105.098;28.952
p44=-105.496;28.556
p45=-105.887;28.256
p46=-106.273;28.026
p47=-106.712;27.829
p48=-107.126;27.702
p49=-107.556;27.626
p50=-108.020;27.604

[C4]

gain=-8.00
n_point=50
p1=-108.457;27.129
p2=-108.988;27.234
p3=-109.456;27.396
p4=-109.905;27.621
p5=-110.331;27.904
p6=-110.742;28.266
p7=-111.105;28.693
p8=-111.395;29.132
p9=-111.641;29.634
p10=-111.813;30.133
p11=-111.934;30.664
p12=-111.989;31.221
p13=-111.985;31.751
p14=-111.905;32.366
p15=-111.774;32.894
p16=-111.573;33.426
p17=-111.300;33.949
p18=-110.959;34.445
p19=-110.611;34.836
p20=-110.102;35.279
p21=-109.591;35.612
p22=-109.124;35.837
p23=-108.598;36.014
p24=-108.034;36.126
p25=-107.432;36.163
p26=-106.862;36.118
p27=-106.324;36.003
p28=-105.825;35.822
p29=-105.320;35.555
p30=-104.885;35.234
p31=-104.477;34.836
p32=-104.131;34.384
p33=-103.851;33.874
p34=-103.655;33.368
p35=-103.526;32.837
p36=-103.462;32.291
p37=-103.464;31.683
p38=-103.538;31.108
p39=-103.673;30.547
p40=-103.867;30.022
p41=-104.108;29.524
p42=-104.427;29.026

p43=-104.749;28.622
p44=-105.200;28.173
p45=-105.643;27.835
p46=-106.080;27.576
p47=-106.576;27.354
p48=-107.043;27.211
p49=-107.529;27.124
p50=-108.052;27.100

[C5]

gain=-10.00
n_point=50
p1=-108.522;26.712
p2=-109.104;26.827
p3=-109.616;27.004
p4=-110.109;27.250
p5=-110.577;27.560
p6=-111.028;27.956
p7=-111.427;28.424
p8=-111.747;28.906
p9=-112.019;29.456
p10=-112.211;30.004
p11=-112.346;30.587
p12=-112.409;31.199
p13=-112.409;31.781
p14=-112.323;32.458
p15=-112.183;33.040
p16=-111.964;33.627
p17=-111.666;34.204
p18=-111.292;34.752
p19=-110.909;35.185
p20=-110.349;35.675
p21=-109.784;36.043
p22=-109.268;36.293
p23=-108.686;36.489
p24=-108.061;36.614
p25=-107.395;36.655
p26=-106.764;36.605
p27=-106.168;36.477
p28=-105.616;36.277
p29=-105.058;35.981
p30=-104.579;35.626
p31=-104.131;35.185
p32=-103.750;34.686
p33=-103.445;34.121
p34=-103.232;33.564
p35=-103.093;32.978
p36=-103.026;32.376
p37=-103.032;31.707
p38=-103.117;31.075
p39=-103.269;30.458
p40=-103.484;29.881
p41=-103.751;29.335
p42=-104.102;28.788
p43=-104.457;28.345
p44=-104.953;27.855
p45=-105.439;27.484

p46=-105.918;27.200
p47=-106.462;26.957
p48=-106.974;26.801
p49=-107.506;26.707
p50=-108.079;26.679

[C6]

gain=-15.00
n_point=50
p1=-108.643;25.934
p2=-109.318;26.067
p3=-109.914;26.272
p4=-110.488;26.558
p5=-111.033;26.918
p6=-111.560;27.378
p7=-112.028;27.921
p8=-112.405;28.482
p9=-112.726;29.123
p10=-112.955;29.762
p11=-113.119;30.442
p12=-113.200;31.158
p13=-113.205;31.839
p14=-113.113;32.633
p15=-112.955;33.317
p16=-112.705;34.007
p17=-112.360;34.687
p18=-111.926;35.335
p19=-111.478;35.846
p20=-110.820;36.427
p21=-110.154;36.864
p22=-109.544;37.161
p23=-108.854;37.394
p24=-108.113;37.543
p25=-107.323;37.592
p26=-106.573;37.533
p27=-105.866;37.381
p28=-105.214;37.143
p29=-104.555;36.791
p30=-103.991;36.370
p31=-103.467;35.848
p32=-103.024;35.258
p33=-102.671;34.591
p34=-102.428;33.934
p35=-102.272;33.244
p36=-102.202;32.537
p37=-102.217;31.753
p38=-102.324;31.012
p39=-102.508;30.291
p40=-102.765;29.618
p41=-103.082;28.981
p42=-103.496;28.345
p43=-103.912;27.829
p44=-104.491;27.259
p45=-105.059;26.829
p46=-105.617;26.499
p47=-106.250;26.218
p48=-106.844;26.036

p49=-107.462;25.927
p50=-108.128;25.896

[C7]

gain=-20.00
n_point=50
p1=-108.723;25.408
p2=-109.463;25.554
p3=-110.114;25.778
p4=-110.743;26.090
p5=-111.340;26.484
p6=-111.919;26.987
p7=-112.434;27.582
p8=-112.849;28.195
p9=-113.205;28.897
p10=-113.460;29.598
p11=-113.644;30.344
p12=-113.738;31.130
p13=-113.749;31.879
p14=-113.653;32.753
p15=-113.485;33.507
p16=-113.214;34.268
p17=-112.839;35.019
p18=-112.363;35.736
p19=-111.872;36.302
p20=-111.147;36.946
p21=-110.410;37.431
p22=-109.735;37.761
p23=-108.970;38.021
p24=-108.148;38.186
p25=-107.271;38.241
p26=-106.439;38.175
p27=-105.655;38.006
p28=-104.932;37.742
p29=-104.204;37.351
p30=-103.582;36.884
p31=-103.005;36.305
p32=-102.520;35.651
p33=-102.137;34.914
p34=-101.874;34.188
p35=-101.708;33.427
p36=-101.637;32.648
p37=-101.660;31.785
p38=-101.783;30.970
p39=-101.990;30.178
p40=-102.277;29.440
p41=-102.628;28.741
p42=-103.085;28.044
p43=-103.543;27.480
p44=-104.180;26.856
p45=-104.802;26.386
p46=-105.414;26.026
p47=-106.106;25.718
p48=-106.756;25.520
p49=-107.433;25.401
p50=-108.160;25.367