

[FormatInfo]
format_ver=1

[GeoMain]
adm=USA
sat_name=SKYTERRA-1
long_nom=-95.000
n_diag=1

[COHeader]
beam_id=RU24
emi_rcp=R
polar_disc=C
reason=C
n_bore=1
n_cont=7

[B1]
gain=0.00
p=-89.875;34.252

[C1]
gain=-2.00
n_point=31
p1=-88.000;35.172
p2=-87.920;35.000
p3=-87.806;34.500
p4=-87.799;34.000
p5=-87.892;33.500
p6=-88.000;33.215
p7=-88.108;33.000
p8=-88.500;32.522
p9=-88.528;32.500
p10=-89.000;32.213
p11=-89.500;32.065
p12=-90.000;32.091
p13=-90.500;32.302
p14=-90.760;32.500
p15=-91.000;32.748
p16=-91.166;33.000
p17=-91.347;33.500
p18=-91.408;34.000
p19=-91.356;34.500
p20=-91.197;35.000
p21=-91.000;35.359
p22=-90.881;35.500
p23=-90.500;35.804
p24=-90.089;36.000
p25=-90.000;36.035
p26=-89.500;36.098
p27=-89.000;36.026
p28=-88.939;36.000
p29=-88.500;35.761
p30=-88.222;35.500
p31=-88.000;35.172

[C2]

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gain=-4.00
n_point=43
p1=-87.500;35.890
p2=-87.282;35.500
p3=-87.104;35.000
p4=-87.023;34.500
p5=-87.020;34.000
p6=-87.100;33.500
p7=-87.264;33.000
p8=-87.500;32.534
p9=-87.521;32.500
p10=-87.935;32.000
p11=-88.000;31.936
p12=-88.500;31.564
p13=-88.631;31.500
p14=-89.000;31.349
p15=-89.500;31.256
p16=-90.000;31.286
p17=-90.500;31.428
p18=-90.643;31.500
p19=-91.000;31.719
p20=-91.319;32.000
p21=-91.500;32.201
p22=-91.704;32.500
p23=-91.960;33.000
p24=-92.000;33.142
p25=-92.080;33.500
p26=-92.120;34.000
p27=-92.091;34.500
p28=-92.000;34.976
p29=-91.994;35.000
p30=-91.789;35.500
p31=-91.500;35.968
p32=-91.473;36.000
p33=-91.000;36.453
p34=-90.929;36.500
p35=-90.500;36.741
p36=-90.000;36.914
p37=-89.500;36.980
p38=-89.000;36.934
p39=-88.500;36.763
p40=-88.074;36.500
p41=-88.000;36.444
p42=-87.580;36.000
p43=-87.500;35.890
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[C3]

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gain=-6.00
n_point=55
p1=-86.500;35.004
p2=-86.499;35.000
p3=-86.451;34.500
p4=-86.456;34.000
p5=-86.500;33.616
p6=-86.516;33.500
p7=-86.647;33.000
p8=-86.860;32.500
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p9=-87.000;32.250
p10=-87.168;32.000
p11=-87.500;31.590
p12=-87.591;31.500
p13=-88.000;31.158
p14=-88.255;31.000
p15=-88.500;30.869
p16=-89.000;30.698
p17=-89.500;30.633
p18=-90.000;30.667
p19=-90.500;30.796
p20=-90.957;31.000
p21=-91.000;31.022
p22=-91.500;31.395
p23=-91.607;31.500
p24=-92.000;31.955
p25=-92.031;32.000
p26=-92.308;32.500
p27=-92.500;32.956
p28=-92.515;33.000
p29=-92.613;33.500
p30=-92.650;34.000
p31=-92.631;34.500
p32=-92.555;35.000
p33=-92.500;35.210
p34=-92.406;35.500
p35=-92.158;36.000
p36=-92.000;36.256
p37=-91.813;36.500
p38=-91.500;36.846
p39=-91.307;37.000
p40=-91.000;37.212
p41=-90.500;37.461
p42=-90.372;37.500
p43=-90.000;37.596
p44=-89.500;37.647
p45=-89.000;37.619
p46=-88.532;37.500
p47=-88.500;37.490
p48=-88.000;37.236
p49=-87.668;37.000
p50=-87.500;36.855
p51=-87.183;36.500
p52=-87.000;36.246
p53=-86.857;36.000
p54=-86.637;35.500
p55=-86.500;35.004

[C4]

gain=-8.00
n_point=63
p1=-86.000;34.909
p2=-85.971;34.500
p3=-85.980;34.000
p4=-86.000;33.812
p5=-86.039;33.500
p6=-86.151;33.000

p7=-86.325;32.500
p8=-86.500;32.132
p9=-86.574;32.000
p10=-86.911;31.500
p11=-87.000;31.387
p12=-87.368;31.000
p13=-87.500;30.879
p14=-88.000;30.521
p15=-88.040;30.500
p16=-88.500;30.287
p17=-89.000;30.150
p18=-89.500;30.105
p19=-90.000;30.145
p20=-90.500;30.269
p21=-91.000;30.474
p22=-91.045;30.500
p23=-91.500;30.800
p24=-91.735;31.000
p25=-92.000;31.259
p26=-92.198;31.500
p27=-92.500;31.930
p28=-92.541;32.000
p29=-92.774;32.500
p30=-92.954;33.000
p31=-93.000;33.217
p32=-93.050;33.500
p33=-93.086;34.000
p34=-93.075;34.500
p35=-93.016;35.000
p36=-93.000;35.077
p37=-92.891;35.500
p38=-92.689;36.000
p39=-92.500;36.374
p40=-92.422;36.500
p41=-92.058;37.000
p42=-92.000;37.069
p43=-91.546;37.500
p44=-91.500;37.536
p45=-91.000;37.825
p46=-90.581;38.000
p47=-90.500;38.031
p48=-90.000;38.150
p49=-89.500;38.199
p50=-89.000;38.169
p51=-88.500;38.055
p52=-88.351;38.000
p53=-88.000;37.854
p54=-87.500;37.562
p55=-87.417;37.500
p56=-87.000;37.115
p57=-86.899;37.000
p58=-86.543;36.500
p59=-86.500;36.426
p60=-86.298;36.000
p61=-86.119;35.500
p62=-86.008;35.000
p63=-86.000;34.909

[C5]

gain=-10.00
n_point=67
p1=-86.000;36.434
p2=-85.828;36.000
p3=-85.679;35.500
p4=-85.587;35.000
p5=-85.555;34.500
p6=-85.567;34.000
p7=-85.623;33.500
p8=-85.721;33.000
p9=-85.869;32.500
p10=-86.000;32.169
p11=-86.079;32.000
p12=-86.364;31.500
p13=-86.500;31.295
p14=-86.731;31.000
p15=-87.000;30.701
p16=-87.220;30.500
p17=-87.500;30.274
p18=-87.942;30.000
p19=-88.000;29.968
p20=-88.500;29.771
p21=-89.000;29.664
p22=-89.500;29.636
p23=-90.000;29.684
p24=-90.500;29.807
p25=-90.994;30.000
p26=-91.000;30.003
p27=-91.500;30.303
p28=-91.757;30.500
p29=-92.000;30.709
p30=-92.273;31.000
p31=-92.500;31.273
p32=-92.656;31.500
p33=-92.952;32.000
p34=-93.000;32.100
p35=-93.161;32.500
p36=-93.318;33.000
p37=-93.414;33.500
p38=-93.458;34.000
p39=-93.453;34.500
p40=-93.399;35.000
p41=-93.298;35.500
p42=-93.133;36.000
p43=-93.000;36.317
p44=-92.908;36.500
p45=-92.608;37.000
p46=-92.500;37.156
p47=-92.211;37.500
p48=-92.000;37.710
p49=-91.629;38.000
p50=-91.500;38.090
p51=-91.000;38.352
p52=-90.612;38.500
p53=-90.500;38.539

p54=-90.000;38.649
p55=-89.500;38.695
p56=-89.000;38.660
p57=-88.500;38.558
p58=-88.327;38.500
p59=-88.000;38.379
p60=-87.500;38.120
p61=-87.321;38.000
p62=-87.000;37.757
p63=-86.726;37.500
p64=-86.500;37.242
p65=-86.325;37.000
p66=-86.031;36.500
p67=-86.000;36.434

[C6]

gain=-15.00
n_point=83
p1=-85.000;36.309
p2=-84.906;36.000
p3=-84.789;35.500
p4=-84.713;35.000
p5=-84.686;34.500
p6=-84.697;34.000
p7=-84.739;33.500
p8=-84.813;33.000
p9=-84.922;32.500
p10=-85.000;32.230
p11=-85.076;32.000
p12=-85.274;31.500
p13=-85.500;31.030
p14=-85.517;31.000
p15=-85.837;30.500
p16=-86.000;30.272
p17=-86.228;30.000
p18=-86.500;29.712
p19=-86.741;29.500
p20=-87.000;29.293
p21=-87.458;29.000
p22=-87.500;28.976
p23=-88.000;28.757
p24=-88.500;28.618
p25=-89.000;28.552
p26=-89.500;28.556
p27=-90.000;28.630
p28=-90.500;28.772
p29=-91.000;28.984
p30=-91.028;29.000
p31=-91.500;29.271
p32=-91.812;29.500
p33=-92.000;29.638
p34=-92.397;30.000
p35=-92.500;30.098
p36=-92.846;30.500
p37=-93.000;30.694
p38=-93.203;31.000
p39=-93.500;31.488

p40=-93.506;31.500
p41=-93.726;32.000
p42=-93.917;32.500
p43=-94.000;32.773
p44=-94.056;33.000
p45=-94.138;33.500
p46=-94.185;34.000
p47=-94.199;34.500
p48=-94.178;35.000
p49=-94.122;35.500
p50=-94.018;36.000
p51=-94.000;36.066
p52=-93.859;36.500
p53=-93.656;37.000
p54=-93.500;37.322
p55=-93.398;37.500
p56=-93.051;38.000
p57=-93.000;38.065
p58=-92.596;38.500
p59=-92.500;38.594
p60=-92.000;38.999
p61=-91.999;39.000
p62=-91.500;39.279
p63=-91.000;39.491
p64=-90.972;39.500
p65=-90.500;39.629
p66=-90.000;39.714
p67=-89.500;39.737
p68=-89.000;39.700
p69=-88.500;39.613
p70=-88.088;39.500
p71=-88.000;39.473
p72=-87.500;39.262
p73=-87.019;39.000
p74=-87.000;38.989
p75=-86.500;38.594
p76=-86.400;38.500
p77=-86.000;38.089
p78=-85.926;38.000
p79=-85.556;37.500
p80=-85.500;37.410
p81=-85.282;37.000
p82=-85.067;36.500
p83=-85.000;36.309

[C7]

gain=-20.00
n_point=97
p1=-84.000;34.885
p2=-83.977;34.500
p3=-83.970;34.000
p4=-83.998;33.500
p5=-84.000;33.478
p6=-84.058;33.000
p7=-84.148;32.500
p8=-84.273;32.000
p9=-84.423;31.500

p10=-84.500;31.279
p11=-84.613;31.000
p12=-84.853;30.500
p13=-85.000;30.233
p14=-85.148;30.000
p15=-85.498;29.500
p16=-85.500;29.498
p17=-85.950;29.000
p18=-86.000;28.950
p19=-86.500;28.512
p20=-86.517;28.500
p21=-87.000;28.179
p22=-87.334;28.000
p23=-87.500;27.921
p24=-88.000;27.744
p25=-88.500;27.625
p26=-89.000;27.569
p27=-89.500;27.578
p28=-90.000;27.653
p29=-90.500;27.796
p30=-90.987;28.000
p31=-91.000;28.006
p32=-91.500;28.304
p33=-91.758;28.500
p34=-92.000;28.684
p35=-92.332;29.000
p36=-92.500;29.156
p37=-92.800;29.500
p38=-93.000;29.722
p39=-93.204;30.000
p40=-93.500;30.402
p41=-93.560;30.500
p42=-93.847;31.000
p43=-94.000;31.284
p44=-94.094;31.500
p45=-94.290;32.000
p46=-94.468;32.500
p47=-94.500;32.612
p48=-94.594;33.000
p49=-94.683;33.500
p50=-94.744;34.000
p51=-94.779;34.500
p52=-94.787;35.000
p53=-94.765;35.500
p54=-94.704;36.000
p55=-94.609;36.500
p56=-94.500;36.918
p57=-94.475;37.000
p58=-94.292;37.500
p59=-94.050;38.000
p60=-94.000;38.089
p61=-93.733;38.500
p62=-93.500;38.811
p63=-93.335;39.000
p64=-93.000;39.341
p65=-92.817;39.500
p66=-92.500;39.740

p67=-92.083;40.000
p68=-92.000;40.047
p69=-91.500;40.266
p70=-91.000;40.432
p71=-90.710;40.500
p72=-90.500;40.545
p73=-90.000;40.608
p74=-89.500;40.608
p75=-89.000;40.564
p76=-88.633;40.500
p77=-88.500;40.475
p78=-88.000;40.335
p79=-87.500;40.143
p80=-87.215;40.000
p81=-87.000;39.885
p82=-86.500;39.566
p83=-86.411;39.500
p84=-86.000;39.161
p85=-85.829;39.000
p86=-85.500;38.640
p87=-85.389;38.500
p88=-85.024;38.000
p89=-85.000;37.962
p90=-84.738;37.500
p91=-84.500;37.005
p92=-84.498;37.000
p93=-84.332;36.500
p94=-84.194;36.000
p95=-84.085;35.500
p96=-84.008;35.000
p97=-84.000;34.885