

[FormatInfo]
format_ver=1

[GeoMain]
adm=USA
sat_name=SKYTERRA-2
long_nom=-95.000
n_diag=1

[COHeader]
beam_id=RD28
emi_rcp=E
polar_disc=C
reason=C
n_bore=1
n_cont=7

[B1]
gain=0.00
p=-98.017;28.971

[C1]
gain=-2.00
n_point=39
p1=-99.500;30.504
p2=-99.090;31.000
p3=-99.000;31.087
p4=-98.500;31.344
p5=-98.064;31.500
p6=-98.000;31.517
p7=-97.500;31.510
p8=-97.449;31.500
p9=-97.000;31.382
p10=-96.500;31.141
p11=-96.338;31.000
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p13=-95.886;30.500
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p15=-95.500;29.678
p16=-95.464;29.500
p17=-95.411;29.000
p18=-95.496;28.500
p19=-95.500;28.485
p20=-95.679;28.000
p21=-96.000;27.551
p22=-96.044;27.500
p23=-96.500;27.096
p24=-96.680;27.000
p25=-97.000;26.863
p26=-97.500;26.792
p27=-98.000;26.803
p28=-98.500;26.995
p29=-98.509;27.000
p30=-99.000;27.344
p31=-99.166;27.500
p32=-99.500;27.905
p33=-99.555;28.000

p34=-99.723;28.500
p35=-99.854;29.000
p36=-99.817;29.500
p37=-99.728;30.000
p38=-99.503;30.500
p39=-99.500;30.504

[C2]

gain=-4.00
n_point=53
p1=-100.500;30.616
p2=-100.296;31.000
p3=-100.000;31.438
p4=-99.947;31.500
p5=-99.500;31.885
p6=-99.341;32.000
p7=-99.000;32.228
p8=-98.500;32.392
p9=-98.030;32.500
p10=-98.000;32.505
p11=-97.500;32.501
p12=-97.496;32.500
p13=-97.000;32.397
p14=-96.500;32.225
p15=-96.144;32.000
p16=-96.000;31.904
p17=-95.500;31.524
p18=-95.478;31.500
p19=-95.131;31.000
p20=-95.000;30.772
p21=-94.867;30.500
p22=-94.691;30.000
p23=-94.604;29.500
p24=-94.558;29.000
p25=-94.637;28.500
p26=-94.751;28.000
p27=-94.967;27.500
p28=-95.000;27.442
p29=-95.287;27.000
p30=-95.500;26.729
p31=-95.761;26.500
p32=-96.000;26.341
p33=-96.500;26.065
p34=-96.689;26.000
p35=-97.000;25.903
p36=-97.500;25.856
p37=-98.000;25.869
p38=-98.488;26.000
p39=-98.500;26.003
p40=-99.000;26.238
p41=-99.440;26.500
p42=-99.500;26.547
p43=-99.896;27.000
p44=-100.000;27.139
p45=-100.245;27.500
p46=-100.500;27.959
p47=-100.518;28.000

p48=-100.647;28.500
p49=-100.749;29.000
p50=-100.733;29.500
p51=-100.685;30.000
p52=-100.546;30.500
p53=-100.500;30.616

[C3]

gain=-6.00
n_point=63
p1=-101.000;31.126
p2=-100.801;31.500
p3=-100.500;31.916
p4=-100.424;32.000
p5=-100.000;32.436
p6=-99.918;32.500
p7=-99.500;32.741
p8=-99.000;32.995
p9=-98.980;33.000
p10=-98.500;33.120
p11=-98.000;33.200
p12=-97.500;33.196
p13=-97.000;33.111
p14=-96.578;33.000
p15=-96.500;32.979
p16=-96.000;32.728
p17=-95.587;32.500
p18=-95.500;32.437
p19=-95.076;32.000
p20=-95.000;31.918
p21=-94.664;31.500
p22=-94.500;31.232
p23=-94.379;31.000
p24=-94.163;30.500
p25=-94.007;30.000
p26=-94.000;29.953
p27=-93.947;29.500
p28=-93.917;29.000
p29=-93.972;28.500
p30=-94.000;28.326
p31=-94.068;28.000
p32=-94.265;27.500
p33=-94.500;27.026
p34=-94.515;27.000
p35=-94.863;26.500
p36=-95.000;26.346
p37=-95.355;26.000
p38=-95.500;25.868
p39=-96.000;25.552
p40=-96.100;25.500
p41=-96.500;25.335
p42=-97.000;25.204
p43=-97.500;25.165
p44=-98.000;25.177
p45=-98.500;25.285
p46=-99.000;25.467
p47=-99.074;25.500

p48=-99.500;25.740
p49=-99.807;26.000
p50=-100.000;26.173
p51=-100.329;26.500
p52=-100.500;26.714
p53=-100.686;27.000
p54=-100.967;27.500
p55=-101.000;27.574
p56=-101.162;28.000
p57=-101.286;28.500
p58=-101.389;29.000
p59=-101.387;29.500
p60=-101.357;30.000
p61=-101.239;30.500
p62=-101.061;31.000
p63=-101.000;31.126

[C4]

gain=-8.00
n_point=71
p1=-101.500;31.436
p2=-101.469;31.500
p3=-101.129;32.000
p4=-101.000;32.179
p5=-100.743;32.500
p6=-100.500;32.724
p7=-100.153;33.000
p8=-100.000;33.123
p9=-99.500;33.411
p10=-99.325;33.500
p11=-99.000;33.621
p12=-98.500;33.718
p13=-98.000;33.778
p14=-97.500;33.775
p15=-97.000;33.705
p16=-96.500;33.602
p17=-96.241;33.500
p18=-96.000;33.375
p19=-95.500;33.088
p20=-95.391;33.000
p21=-95.000;32.689
p22=-94.790;32.500
p23=-94.500;32.158
p24=-94.385;32.000
p25=-94.029;31.500
p26=-94.000;31.445
p27=-93.813;31.000
p28=-93.636;30.500
p29=-93.508;30.000
p30=-93.500;29.936
p31=-93.452;29.500
p32=-93.425;29.000
p33=-93.480;28.500
p34=-93.500;28.374
p35=-93.565;28.000
p36=-93.728;27.500
p37=-93.931;27.000

p38=-94.000;26.856
p39=-94.222;26.500
p40=-94.500;26.154
p41=-94.639;26.000
p42=-95.000;25.619
p43=-95.129;25.500
p44=-95.500;25.225
p45=-95.931;25.000
p46=-96.000;24.967
p47=-96.500;24.772
p48=-97.000;24.644
p49=-97.500;24.605
p50=-98.000;24.615
p51=-98.500;24.712
p52=-99.000;24.883
p53=-99.271;25.000
p54=-99.500;25.107
p55=-100.000;25.459
p56=-100.051;25.500
p57=-100.500;25.929
p58=-100.563;26.000
p59=-100.987;26.500
p60=-101.000;26.520
p61=-101.262;27.000
p62=-101.500;27.472
p63=-101.513;27.500
p64=-101.697;28.000
p65=-101.816;28.500
p66=-101.911;29.000
p67=-101.911;29.500
p68=-101.889;30.000
p69=-101.794;30.500
p70=-101.659;31.000
p71=-101.500;31.436

[C5]

gain=-10.00
n_point=79
p1=-102.000;31.355
p2=-101.945;31.500
p3=-101.684;32.000
p4=-101.500;32.325
p5=-101.372;32.500
p6=-101.000;32.885
p7=-100.876;33.000
p8=-100.500;33.351
p9=-100.318;33.500
p10=-100.000;33.693
p11=-99.500;33.907
p12=-99.260;34.000
p13=-99.000;34.101
p14=-98.500;34.205
p15=-98.000;34.265
p16=-97.500;34.264
p17=-97.000;34.189
p18=-96.500;34.084
p19=-96.298;34.000

p20=-96.000;33.875
p21=-95.500;33.648
p22=-95.265;33.500
p23=-95.000;33.284
p24=-94.698;33.000
p25=-94.500;32.820
p26=-94.190;32.500
p27=-94.000;32.245
p28=-93.858;32.000
p29=-93.566;31.500
p30=-93.500;31.351
p31=-93.355;31.000
p32=-93.184;30.500
p33=-93.062;30.000
p34=-93.005;29.500
p35=-93.000;29.400
p36=-92.984;29.000
p37=-93.000;28.835
p38=-93.042;28.500
p39=-93.130;28.000
p40=-93.288;27.500
p41=-93.483;27.000
p42=-93.500;26.963
p43=-93.737;26.500
p44=-94.000;26.086
p45=-94.070;26.000
p46=-94.495;25.500
p47=-94.500;25.495
p48=-95.000;25.068
p49=-95.090;25.000
p50=-95.500;24.711
p51=-95.925;24.500
p52=-96.000;24.466
p53=-96.500;24.279
p54=-97.000;24.153
p55=-97.500;24.113
p56=-98.000;24.119
p57=-98.500;24.205
p58=-99.000;24.365
p59=-99.331;24.500
p60=-99.500;24.575
p61=-100.000;24.904
p62=-100.123;25.000
p63=-100.500;25.309
p64=-100.703;25.500
p65=-101.000;25.832
p66=-101.120;26.000
p67=-101.473;26.500
p68=-101.500;26.547
p69=-101.745;27.000
p70=-101.988;27.500
p71=-102.000;27.531
p72=-102.137;28.000
p73=-102.239;28.500
p74=-102.326;29.000
p75=-102.335;29.500
p76=-102.324;30.000

p77=-102.245;30.500
p78=-102.123;31.000
p79=-102.000;31.355

[C6]

gain=-15.00
n_point=93
p1=-103.000;31.170
p2=-102.895;31.500
p3=-102.685;32.000
p4=-102.500;32.426
p5=-102.459;32.500
p6=-102.061;33.000
p7=-102.000;33.080
p8=-101.676;33.500
p9=-101.500;33.658
p10=-101.077;34.000
p11=-101.000;34.069
p12=-100.500;34.436
p13=-100.408;34.500
p14=-100.000;34.710
p15=-99.500;34.890
p16=-99.177;35.000
p17=-99.000;35.062
p18=-98.500;35.163
p19=-98.000;35.217
p20=-97.500;35.226
p21=-97.000;35.162
p22=-96.500;35.073
p23=-96.309;35.000
p24=-96.000;34.885
p25=-95.500;34.682
p26=-95.178;34.500
p27=-95.000;34.377
p28=-94.524;34.000
p29=-94.500;33.982
p30=-94.000;33.558
p31=-93.946;33.500
p32=-93.584;33.000
p33=-93.500;32.896
p34=-93.173;32.500
p35=-93.000;32.217
p36=-92.912;32.000
p37=-92.685;31.500
p38=-92.503;31.000
p39=-92.500;30.991
p40=-92.366;30.500
p41=-92.268;30.000
p42=-92.220;29.500
p43=-92.195;29.000
p44=-92.245;28.500
p45=-92.313;28.000
p46=-92.439;27.500
p47=-92.500;27.315
p48=-92.619;27.000
p49=-92.839;26.500
p50=-93.000;26.215

p51=-93.142;26.000
p52=-93.467;25.500
p53=-93.500;25.458
p54=-93.887;25.000
p55=-94.000;24.863
p56=-94.400;24.500
p57=-94.500;24.412
p58=-95.000;24.006
p59=-95.008;24.000
p60=-95.500;23.666
p61=-95.855;23.500
p62=-96.000;23.427
p63=-96.500;23.221
p64=-97.000;23.077
p65=-97.500;23.018
p66=-98.000;23.003
p67=-98.500;23.058
p68=-99.000;23.193
p69=-99.500;23.387
p70=-99.689;23.500
p71=-100.000;23.682
p72=-100.401;24.000
p73=-100.500;24.074
p74=-100.994;24.500
p75=-101.000;24.505
p76=-101.403;25.000
p77=-101.500;25.118
p78=-101.785;25.500
p79=-102.000;25.807
p80=-102.106;26.000
p81=-102.381;26.500
p82=-102.500;26.760
p83=-102.594;27.000
p84=-102.790;27.500
p85=-102.970;28.000
p86=-103.000;28.112
p87=-103.080;28.500
p88=-103.167;29.000
p89=-103.188;29.500
p90=-103.191;30.000
p91=-103.137;30.500
p92=-103.047;31.000
p93=-103.000;31.170

[C7]

gain=-20.00
n_point=111
p1=-103.500;31.908
p2=-103.465;32.000
p3=-103.217;32.500
p4=-103.000;32.794
p5=-102.866;33.000
p6=-102.536;33.500
p7=-102.500;33.530
p8=-102.000;33.966
p9=-101.962;34.000
p10=-101.500;34.474

p11=-101.471;34.500
p12=-101.000;34.796
p13=-100.658;35.000
p14=-100.500;35.117
p15=-100.000;35.450
p16=-99.885;35.500
p17=-99.500;35.644
p18=-99.000;35.812
p19=-98.500;35.927
p20=-98.000;35.994
p21=-97.904;36.000
p22=-97.500;36.032
p23=-97.166;36.000
p24=-97.000;35.987
p25=-96.500;35.926
p26=-96.000;35.770
p27=-95.500;35.548
p28=-95.438;35.500
p29=-95.000;35.217
p30=-94.720;35.000
p31=-94.500;34.850
p32=-94.099;34.500
p33=-94.000;34.406
p34=-93.691;34.000
p35=-93.500;33.796
p36=-93.206;33.500
p37=-93.000;33.235
p38=-92.913;33.000
p39=-92.579;32.500
p40=-92.500;32.337
p41=-92.324;32.000
p42=-92.072;31.500
p43=-92.000;31.310
p44=-91.899;31.000
p45=-91.755;30.500
p46=-91.646;30.000
p47=-91.589;29.500
p48=-91.557;29.000
p49=-91.605;28.500
p50=-91.675;28.000
p51=-91.809;27.500
p52=-91.982;27.000
p53=-92.000;26.958
p54=-92.201;26.500
p55=-92.491;26.000
p56=-92.500;25.988
p57=-92.819;25.500
p58=-93.000;25.270
p59=-93.227;25.000
p60=-93.500;24.644
p61=-93.623;24.500
p62=-94.000;24.031
p63=-94.035;24.000
p64=-94.500;23.544
p65=-94.552;23.500
p66=-95.000;23.076
p67=-95.098;23.000

p68=-95.500;22.562
p69=-95.596;22.500
p70=-96.000;22.077
p71=-96.105;22.000
p72=-96.500;21.579
p73=-96.615;21.500
p74=-97.000;21.179
p75=-97.445;21.000
p76=-97.500;20.986
p77=-98.000;20.917
p78=-98.500;20.920
p79=-98.899;21.000
p80=-99.000;21.028
p81=-99.500;21.225
p82=-100.000;21.488
p83=-100.017;21.500
p84=-100.434;22.000
p85=-100.500;22.075
p86=-100.783;22.500
p87=-101.000;22.919
p88=-101.030;23.000
p89=-101.361;23.500
p90=-101.500;23.741
p91=-101.615;24.000
p92=-101.952;24.500
p93=-102.000;24.570
p94=-102.218;25.000
p95=-102.500;25.485
p96=-102.506;25.500
p97=-102.720;26.000
p98=-102.969;26.500
p99=-103.000;26.567
p100=-103.173;27.000
p101=-103.375;27.500
p102=-103.500;27.864
p103=-103.543;28.000
p104=-103.670;28.500
p105=-103.790;29.000
p106=-103.842;29.500
p107=-103.870;30.000
p108=-103.823;30.500
p109=-103.750;31.000
p110=-103.636;31.500
p111=-103.500;31.908