

[FormatInfo]
format_ver=1

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

[COHeader]
beam_id=SPD1
emi_rcp=E
polar_disc=C
reason=C
n_bore=1
n_cont=7

[B1]
gain=0.00
p=-122.904;45.185

[C1]
gain=-2.00
n_point=23
p1=-124.000;46.625
p2=-123.500;46.546
p3=-123.385;46.500
p4=-123.000;46.227
p5=-122.645;46.000
p6=-122.500;45.891
p7=-122.000;45.512
p8=-121.990;45.500
p9=-121.551;45.000
p10=-121.581;44.500
p11=-121.702;44.000
p12=-122.000;43.850
p13=-122.500;43.922
p14=-122.747;44.000
p15=-123.000;44.176
p16=-123.480;44.500
p17=-123.500;44.514
p18=-124.000;44.913
p19=-124.081;45.000
p20=-124.401;45.500
p21=-124.498;46.000
p22=-124.340;46.500
p23=-124.000;46.625

[C2]
gain=-4.00
n_point=35
p1=-125.000;47.072
p2=-124.500;47.284
p3=-124.000;47.229
p4=-123.500;47.026
p5=-123.435;47.000
p6=-123.000;46.824

p7=-122.500;46.586
p8=-122.383;46.500
p9=-122.000;46.132
p10=-121.861;46.000
p11=-121.500;45.587
p12=-121.422;45.500
p13=-121.018;45.000
p14=-121.000;44.932
p15=-120.890;44.500
p16=-120.765;44.000
p17=-121.000;43.578
p18=-121.129;43.500
p19=-121.500;43.312
p20=-122.000;43.273
p21=-122.500;43.451
p22=-122.640;43.500
p23=-123.000;43.627
p24=-123.500;43.895
p25=-123.652;44.000
p26=-124.000;44.371
p27=-124.132;44.500
p28=-124.500;44.893
p29=-124.605;45.000
p30=-124.988;45.500
p31=-125.000;45.532
p32=-125.180;46.000
p33=-125.376;46.500
p34=-125.115;47.000
p35=-125.000;47.072

[C3]

gain=-6.00
n_point=43
p1=-125.500;47.675
p2=-125.000;47.880
p3=-124.500;47.875
p4=-124.000;47.700
p5=-123.500;47.505
p6=-123.491;47.500
p7=-123.000;47.257
p8=-122.641;47.000
p9=-122.500;46.918
p10=-122.000;46.545
p11=-121.936;46.500
p12=-121.500;46.084
p13=-121.405;46.000
p14=-121.000;45.551
p15=-120.953;45.500
p16=-120.516;45.000
p17=-120.500;44.931
p18=-120.401;44.500
p19=-120.289;44.000
p20=-120.408;43.500
p21=-120.500;43.262
p22=-120.781;43.000
p23=-121.000;42.904
p24=-121.500;42.738

p25=-122.000;42.856
p26=-122.481;43.000
p27=-122.500;43.007
p28=-123.000;43.251
p29=-123.351;43.500
p30=-123.500;43.592
p31=-124.000;43.941
p32=-124.090;44.000
p33=-124.500;44.401
p34=-124.609;44.500
p35=-125.000;44.900
p36=-125.087;45.000
p37=-125.500;45.476
p38=-125.520;45.500
p39=-125.720;46.000
p40=-125.925;46.500
p41=-125.888;47.000
p42=-125.696;47.500
p43=-125.500;47.675

[C4]

gain=-8.00
n_point=51
p1=-126.000;48.172
p2=-125.500;48.354
p3=-125.000;48.465
p4=-124.500;48.326
p5=-124.000;48.161
p6=-123.564;48.000
p7=-123.500;47.976
p8=-123.000;47.621
p9=-122.852;47.500
p10=-122.500;47.221
p11=-122.205;47.000
p12=-122.000;46.844
p13=-121.517;46.500
p14=-121.500;46.483
p15=-121.000;46.038
p16=-120.954;46.000
p17=-120.500;45.508
p18=-120.493;45.500
p19=-120.027;45.000
p20=-120.000;44.884
p21=-119.908;44.500
p22=-119.801;44.000
p23=-119.952;43.500
p24=-120.000;43.403
p25=-120.175;43.000
p26=-120.500;42.575
p27=-120.667;42.500
p28=-121.000;42.377
p29=-121.500;42.348
p30=-122.000;42.496
p31=-122.013;42.500
p32=-122.500;42.660
p33=-123.000;42.935
p34=-123.102;43.000

p35=-123.500;43.304
p36=-123.779;43.500
p37=-124.000;43.657
p38=-124.500;43.986
p39=-124.519;44.000
p40=-125.000;44.449
p41=-125.054;44.500
p42=-125.500;44.996
p43=-125.504;45.000
p44=-125.915;45.500
p45=-126.000;45.653
p46=-126.174;46.000
p47=-126.417;46.500
p48=-126.440;47.000
p49=-126.336;47.500
p50=-126.201;48.000
p51=-126.000;48.172

[C5]

gain=-10.00
n_point=61
p1=-126.500;48.537
p2=-126.000;48.774
p3=-125.611;49.000
p4=-125.500;49.061
p5=-125.324;49.000
p6=-125.000;48.922
p7=-124.500;48.791
p8=-124.000;48.614
p9=-123.834;48.500
p10=-123.500;48.315
p11=-123.104;48.000
p12=-123.000;47.924
p13=-122.500;47.515
p14=-122.482;47.500
p15=-122.000;47.132
p16=-121.816;47.000
p17=-121.500;46.769
p18=-121.117;46.500
p19=-121.000;46.395
p20=-120.521;46.000
p21=-120.500;45.977
p22=-120.048;45.500
p23=-120.000;45.448
p24=-119.564;45.000
p25=-119.500;44.789
p26=-119.405;44.500
p27=-119.288;44.000
p28=-119.472;43.500
p29=-119.500;43.467
p30=-119.765;43.000
p31=-120.000;42.523
p32=-120.016;42.500
p33=-120.500;42.131
p34=-120.831;42.000
p35=-121.000;41.935
p36=-121.294;42.000

p37=-121.500;42.034
p38=-122.000;42.191
p39=-122.500;42.375
p40=-122.695;42.500
p41=-123.000;42.698
p42=-123.472;43.000
p43=-123.500;43.021
p44=-124.000;43.381
p45=-124.151;43.500
p46=-124.500;43.747
p47=-124.835;44.000
p48=-125.000;44.154
p49=-125.363;44.500
p50=-125.500;44.652
p51=-125.828;45.000
p52=-126.000;45.201
p53=-126.277;45.500
p54=-126.500;45.935
p55=-126.534;46.000
p56=-126.802;46.500
p57=-126.904;47.000
p58=-126.866;47.500
p59=-126.784;48.000
p60=-126.527;48.500
p61=-126.500;48.537

[C6]

gain=-15.00
n_point=89
p1=-127.500;51.457
p2=-127.000;51.426
p3=-126.500;51.370
p4=-126.000;51.243
p5=-125.500;51.013
p6=-125.479;51.000
p7=-125.000;50.684
p8=-124.694;50.500
p9=-124.500;50.313
p10=-124.209;50.000
p11=-124.000;49.783
p12=-123.755;49.500
p13=-123.500;49.229
p14=-123.312;49.000
p15=-123.000;48.752
p16=-122.706;48.500
p17=-122.500;48.325
p18=-122.191;48.000
p19=-122.000;47.835
p20=-121.623;47.500
p21=-121.500;47.407
p22=-121.000;47.039
p23=-120.942;47.000
p24=-120.500;46.695
p25=-120.184;46.500
p26=-120.000;46.358
p27=-119.500;46.099
p28=-119.268;46.000

p29=-119.000;45.804
p30=-118.617;45.500
p31=-118.500;45.407
p32=-118.026;45.000
p33=-118.000;44.945
p34=-117.848;44.500
p35=-117.658;44.000
p36=-117.758;43.500
p37=-118.000;43.295
p38=-118.306;43.000
p39=-118.500;42.867
p40=-119.000;42.588
p41=-119.083;42.500
p42=-119.500;42.080
p43=-119.551;42.000
p44=-119.804;41.500
p45=-119.500;41.030
p46=-119.486;41.000
p47=-119.488;40.500
p48=-119.500;40.477
p49=-120.000;40.212
p50=-120.500;40.275
p51=-120.948;40.500
p52=-121.000;40.535
p53=-121.500;40.869
p54=-121.612;41.000
p55=-122.000;41.301
p56=-122.154;41.500
p57=-122.500;41.770
p58=-122.775;42.000
p59=-123.000;42.152
p60=-123.500;42.468
p61=-123.540;42.500
p62=-124.000;42.819
p63=-124.241;43.000
p64=-124.500;43.220
p65=-124.855;43.500
p66=-125.000;43.616
p67=-125.500;43.971
p68=-125.549;44.000
p69=-126.000;44.385
p70=-126.200;44.500
p71=-126.500;44.803
p72=-126.769;45.000
p73=-127.000;45.214
p74=-127.420;45.500
p75=-127.500;45.774
p76=-127.574;46.000
p77=-127.829;46.500
p78=-127.879;47.000
p79=-127.890;47.500
p80=-127.928;48.000
p81=-127.618;48.500
p82=-127.500;48.771
p83=-127.419;49.000
p84=-127.464;49.500
p85=-127.500;49.604

p86=-127.624;50.000
p87=-127.730;50.500
p88=-127.702;51.000
p89=-127.500;51.457

[C7]

gain=-20.00
n_point=121
p1=-129.500;52.780
p2=-129.334;53.000
p3=-129.000;53.204
p4=-128.500;53.204
p5=-128.000;53.213
p6=-127.500;53.130
p7=-127.261;53.000
p8=-127.000;52.877
p9=-126.500;52.572
p10=-126.400;52.500
p11=-126.000;52.243
p12=-125.694;52.000
p13=-125.500;51.874
p14=-125.000;51.554
p15=-124.936;51.500
p16=-124.500;51.187
p17=-124.285;51.000
p18=-124.000;50.785
p19=-123.682;50.500
p20=-123.500;50.309
p21=-123.270;50.000
p22=-123.000;49.620
p23=-122.924;49.500
p24=-122.624;49.000
p25=-122.500;48.885
p26=-122.127;48.500
p27=-122.000;48.369
p28=-121.574;48.000
p29=-121.500;47.932
p30=-121.000;47.567
p31=-120.875;47.500
p32=-120.500;47.238
p33=-120.000;47.036
p34=-119.840;47.000
p35=-119.500;46.923
p36=-119.000;46.794
p37=-118.581;46.500
p38=-118.500;46.453
p39=-118.000;46.042
p40=-117.944;46.000
p41=-117.524;45.500
p42=-117.500;45.471
p43=-117.097;45.000
p44=-117.000;44.822
p45=-116.797;44.500
p46=-116.636;44.000
p47=-116.512;43.500
p48=-116.596;43.000
p49=-116.766;42.500

p50=-117.000;42.383
p51=-117.500;42.274
p52=-118.000;42.178
p53=-118.500;42.092
p54=-118.766;42.000
p55=-119.000;41.865
p56=-119.193;41.500
p57=-119.000;41.162
p58=-118.892;41.000
p59=-118.514;40.500
p60=-118.500;40.331
p61=-118.471;40.000
p62=-118.500;39.817
p63=-118.560;39.500
p64=-119.000;39.029
p65=-119.154;39.000
p66=-119.500;38.949
p67=-119.716;39.000
p68=-120.000;39.059
p69=-120.500;39.271
p70=-121.000;39.458
p71=-121.058;39.500
p72=-121.500;39.905
p73=-121.616;40.000
p74=-122.000;40.312
p75=-122.278;40.500
p76=-122.500;40.781
p77=-122.650;41.000
p78=-122.974;41.500
p79=-123.000;41.522
p80=-123.500;41.985
p81=-123.512;42.000
p82=-124.000;42.409
p83=-124.119;42.500
p84=-124.500;42.798
p85=-124.789;43.000
p86=-125.000;43.171
p87=-125.457;43.500
p88=-125.500;43.532
p89=-126.000;43.721
p90=-126.500;43.829
p91=-127.000;43.975
p92=-127.036;44.000
p93=-127.500;44.304
p94=-127.779;44.500
p95=-128.000;44.707
p96=-128.301;45.000
p97=-128.500;45.197
p98=-128.828;45.500
p99=-129.000;45.738
p100=-129.199;46.000
p101=-129.500;46.472
p102=-129.518;46.500
p103=-129.818;47.000
p104=-129.849;47.500
p105=-129.500;47.698
p106=-129.000;47.858

p107=-128.908;48.000
p108=-128.602;48.500
p109=-128.500;48.695
p110=-128.344;49.000
p111=-128.271;49.500
p112=-128.500;49.833
p113=-128.626;50.000
p114=-128.979;50.500
p115=-129.000;50.538
p116=-129.285;51.000
p117=-129.466;51.500
p118=-129.500;51.580
p119=-129.665;52.000
p120=-129.708;52.500
p121=-129.500;52.780