

[FormatInfo]
format_ver=1

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

[COHeader]
beam_id=RD13
emi_rcp=E
polar_disc=C
reason=C
n_bore=1
n_cont=7

[B1]
gain=0.00
p=-104.251;39.552

[C1]
gain=-2.00
n_point=43
p1=-106.500;41.459
p2=-106.475;41.500
p3=-106.019;42.000
p4=-106.000;42.016
p5=-105.500;42.311
p6=-105.000;42.453
p7=-104.500;42.484
p8=-104.000;42.399
p9=-103.500;42.233
p10=-103.094;42.000
p11=-103.000;41.936
p12=-102.500;41.561
p13=-102.445;41.500
p14=-102.115;41.000
p15=-102.000;40.808
p16=-101.815;40.500
p17=-101.679;40.000
p18=-101.546;39.500
p19=-101.607;39.000
p20=-101.667;38.500
p21=-101.902;38.000
p22=-102.000;37.802
p23=-102.230;37.500
p24=-102.500;37.307
p25=-103.000;37.005
p26=-103.028;37.000
p27=-103.500;36.925
p28=-104.000;36.900
p29=-104.396;37.000
p30=-104.500;37.027
p31=-105.000;37.217
p32=-105.465;37.500
p33=-105.500;37.534

p34=-105.944;38.000
p35=-106.000;38.054
p36=-106.319;38.500
p37=-106.500;38.948
p38=-106.521;39.000
p39=-106.707;39.500
p40=-106.758;40.000
p41=-106.771;40.500
p42=-106.674;41.000
p43=-106.500;41.459

[C2]

gain=-4.00
n_point=61
p1=-107.500;42.228
p2=-107.316;42.500
p3=-107.000;42.955
p4=-106.954;43.000
p5=-106.500;43.277
p6=-106.098;43.500
p7=-106.000;43.553
p8=-105.500;43.661
p9=-105.000;43.758
p10=-104.500;43.706
p11=-104.000;43.643
p12=-103.621;43.500
p13=-103.500;43.457
p14=-103.000;43.248
p15=-102.581;43.000
p16=-102.500;42.944
p17=-102.000;42.523
p18=-101.977;42.500
p19=-101.516;42.000
p20=-101.500;41.982
p21=-101.185;41.500
p22=-101.000;41.108
p23=-100.950;41.000
p24=-100.728;40.500
p25=-100.628;40.000
p26=-100.529;39.500
p27=-100.563;39.000
p28=-100.600;38.500
p29=-100.756;38.000
p30=-100.921;37.500
p31=-101.000;37.359
p32=-101.269;37.000
p33=-101.500;36.718
p34=-101.696;36.500
p35=-102.000;36.271
p36=-102.500;36.049
p37=-102.644;36.000
p38=-103.000;35.885
p39=-103.500;35.826
p40=-104.000;35.848
p41=-104.500;35.936
p42=-104.673;36.000
p43=-105.000;36.117

p44=-105.500;36.338
p45=-105.762;36.500
p46=-106.000;36.695
p47=-106.332;37.000
p48=-106.500;37.155
p49=-106.821;37.500
p50=-107.000;37.754
p51=-107.147;38.000
p52=-107.436;38.500
p53=-107.500;38.674
p54=-107.622;39.000
p55=-107.788;39.500
p56=-107.863;40.000
p57=-107.905;40.500
p58=-107.876;41.000
p59=-107.782;41.500
p60=-107.624;42.000
p61=-107.500;42.228

[C3]

gain=-6.00
n_point=75
p1=-108.500;42.273
p2=-108.405;42.500
p3=-108.201;43.000
p4=-108.000;43.286
p5=-107.784;43.500
p6=-107.500;43.785
p7=-107.267;44.000
p8=-107.000;44.169
p9=-106.500;44.383
p10=-106.146;44.500
p11=-106.000;44.545
p12=-105.500;44.617
p13=-105.000;44.653
p14=-104.500;44.602
p15=-104.000;44.535
p16=-103.895;44.500
p17=-103.500;44.371
p18=-103.000;44.209
p19=-102.601;44.000
p20=-102.500;43.932
p21=-102.000;43.579
p22=-101.914;43.500
p23=-101.500;43.136
p24=-101.362;43.000
p25=-101.000;42.576
p26=-100.943;42.500
p27=-100.605;42.000
p28=-100.500;41.835
p29=-100.331;41.500
p30=-100.150;41.000
p31=-100.000;40.561
p32=-99.979;40.500
p33=-99.900;40.000
p34=-99.823;39.500
p35=-99.843;39.000

p36=-99.867;38.500
p37=-99.978;38.000
p38=-100.000;37.910
p39=-100.116;37.500
p40=-100.365;37.000
p41=-100.500;36.749
p42=-100.650;36.500
p43=-101.000;36.084
p44=-101.102;36.000
p45=-101.500;35.690
p46=-101.767;35.500
p47=-102.000;35.381
p48=-102.500;35.215
p49=-103.000;35.109
p50=-103.500;35.061
p51=-104.000;35.097
p52=-104.500;35.162
p53=-105.000;35.320
p54=-105.500;35.488
p55=-105.523;35.500
p56=-106.000;35.827
p57=-106.259;36.000
p58=-106.500;36.163
p59=-106.880;36.500
p60=-107.000;36.634
p61=-107.315;37.000
p62=-107.500;37.218
p63=-107.705;37.500
p64=-107.998;38.000
p65=-108.000;38.004
p66=-108.247;38.500
p67=-108.418;39.000
p68=-108.500;39.260
p69=-108.574;39.500
p70=-108.665;40.000
p71=-108.725;40.500
p72=-108.738;41.000
p73=-108.686;41.500
p74=-108.597;42.000
p75=-108.500;42.273

[C4]

gain=-8.00
n_point=85
p1=-109.000;43.174
p2=-108.773;43.500
p3=-108.500;43.929
p4=-108.450;44.000
p5=-108.000;44.431
p6=-107.908;44.500
p7=-107.500;44.800
p8=-107.121;45.000
p9=-107.000;45.052
p10=-106.500;45.238
p11=-106.000;45.335
p12=-105.500;45.397
p13=-105.000;45.392

p14=-104.500;45.345
p15=-104.000;45.258
p16=-103.500;45.116
p17=-103.129;45.000
p18=-103.000;44.953
p19=-102.500;44.670
p20=-102.191;44.500
p21=-102.000;44.397
p22=-101.500;44.027
p23=-101.464;44.000
p24=-101.000;43.545
p25=-100.962;43.500
p26=-100.530;43.000
p27=-100.500;42.960
p28=-100.199;42.500
p29=-100.000;42.149
p30=-99.923;42.000
p31=-99.682;41.500
p32=-99.500;41.004
p33=-99.499;41.000
p34=-99.365;40.500
p35=-99.306;40.000
p36=-99.249;39.500
p37=-99.267;39.000
p38=-99.289;38.500
p39=-99.383;38.000
p40=-99.488;37.500
p41=-99.500;37.468
p42=-99.706;37.000
p43=-99.930;36.500
p44=-100.000;36.388
p45=-100.305;36.000
p46=-100.500;35.763
p47=-100.730;35.500
p48=-101.000;35.274
p49=-101.465;35.000
p50=-101.500;34.980
p51=-102.000;34.729
p52=-102.500;34.553
p53=-102.773;34.500
p54=-103.000;34.469
p55=-103.500;34.432
p56=-104.000;34.471
p57=-104.268;34.500
p58=-104.500;34.535
p59=-105.000;34.705
p60=-105.500;34.889
p61=-105.717;35.000
p62=-106.000;35.150
p63=-106.500;35.427
p64=-106.605;35.500
p65=-107.000;35.851
p66=-107.166;36.000
p67=-107.500;36.296
p68=-107.685;36.500
p69=-108.000;36.932
p70=-108.049;37.000

p71=-108.402;37.500
p72=-108.500;37.685
p73=-108.652;38.000
p74=-108.903;38.500
p75=-109.000;38.746
p76=-109.082;39.000
p77=-109.213;39.500
p78=-109.308;40.000
p79=-109.387;40.500
p80=-109.431;41.000
p81=-109.391;41.500
p82=-109.332;42.000
p83=-109.201;42.500
p84=-109.088;43.000
p85=-109.000;43.174

[C5]

gain=-10.00
n_point=95
p1=-109.500;43.529
p2=-109.276;44.000
p3=-109.000;44.378
p4=-108.896;44.500
p5=-108.500;44.950
p6=-108.439;45.000
p7=-108.000;45.296
p8=-107.697;45.500
p9=-107.500;45.603
p10=-107.000;45.759
p11=-106.500;45.918
p12=-106.000;45.976
p13=-105.789;46.000
p14=-105.500;46.033
p15=-105.000;46.002
p16=-104.972;46.000
p17=-104.500;45.959
p18=-104.000;45.855
p19=-103.500;45.720
p20=-103.000;45.554
p21=-102.878;45.500
p22=-102.500;45.318
p23=-102.000;45.080
p24=-101.878;45.000
p25=-101.500;44.697
p26=-101.247;44.500
p27=-101.000;44.313
p28=-100.672;44.000
p29=-100.500;43.796
p30=-100.267;43.500
p31=-100.000;43.156
p32=-99.895;43.000
p33=-99.597;42.500
p34=-99.500;42.318
p35=-99.361;42.000
p36=-99.162;41.500
p37=-99.022;41.000
p38=-99.000;40.920

p39=-98.892;40.500
p40=-98.832;40.000
p41=-98.772;39.500
p42=-98.792;39.000
p43=-98.816;38.500
p44=-98.909;38.000
p45=-99.000;37.539
p46=-99.008;37.500
p47=-99.195;37.000
p48=-99.391;36.500
p49=-99.500;36.306
p50=-99.698;36.000
p51=-100.000;35.525
p52=-100.020;35.500
p53=-100.500;35.077
p54=-100.591;35.000
p55=-101.000;34.658
p56=-101.261;34.500
p57=-101.500;34.395
p58=-102.000;34.214
p59=-102.500;34.078
p60=-103.000;34.011
p61=-103.121;34.000
p62=-103.500;33.968
p63=-103.881;34.000
p64=-104.000;34.011
p65=-104.500;34.073
p66=-105.000;34.201
p67=-105.500;34.354
p68=-105.858;34.500
p69=-106.000;34.574
p70=-106.500;34.863
p71=-106.704;35.000
p72=-107.000;35.207
p73=-107.388;35.500
p74=-107.500;35.601
p75=-107.875;36.000
p76=-108.000;36.137
p77=-108.330;36.500
p78=-108.500;36.731
p79=-108.666;37.000
p80=-108.976;37.500
p81=-109.000;37.547
p82=-109.214;38.000
p83=-109.436;38.500
p84=-109.500;38.692
p85=-109.603;39.000
p86=-109.750;39.500
p87=-109.850;40.000
p88=-109.921;40.500
p89=-109.960;41.000
p90=-109.955;41.500
p91=-109.937;42.000
p92=-109.844;42.500
p93=-109.741;43.000
p94=-109.512;43.500
p95=-109.500;43.529

[C6]

gain=-15.00
n_point=111
p1=-111.000;42.895
p2=-110.986;43.000
p3=-110.828;43.500
p4=-110.693;44.000
p5=-110.528;44.500
p6=-110.500;44.558
p7=-110.210;45.000
p8=-110.000;45.334
p9=-109.885;45.500
p10=-109.500;45.873
p11=-109.345;46.000
p12=-109.000;46.311
p13=-108.731;46.500
p14=-108.500;46.610
p15=-108.000;46.826
p16=-107.500;46.973
p17=-107.391;47.000
p18=-107.000;47.097
p19=-106.500;47.171
p20=-106.000;47.213
p21=-105.500;47.222
p22=-105.000;47.183
p23=-104.500;47.136
p24=-104.000;47.024
p25=-103.890;47.000
p26=-103.500;46.916
p27=-103.000;46.755
p28=-102.500;46.585
p29=-102.288;46.500
p30=-102.000;46.351
p31=-101.500;46.050
p32=-101.419;46.000
p33=-101.000;45.734
p34=-100.703;45.500
p35=-100.500;45.327
p36=-100.120;45.000
p37=-100.000;44.878
p38=-99.685;44.500
p39=-99.500;44.280
p40=-99.286;44.000
p41=-99.000;43.538
p42=-98.979;43.500
p43=-98.709;43.000
p44=-98.500;42.548
p45=-98.482;42.500
p46=-98.318;42.000
p47=-98.173;41.500
p48=-98.073;41.000
p49=-98.000;40.620
p50=-97.979;40.500
p51=-97.946;40.000
p52=-97.912;39.500
p53=-97.933;39.000

p54=-97.958;38.500
p55=-98.000;38.238
p56=-98.039;38.000
p57=-98.128;37.500
p58=-98.270;37.000
p59=-98.413;36.500
p60=-98.500;36.282
p61=-98.650;36.000
p62=-98.908;35.500
p63=-99.000;35.360
p64=-99.289;35.000
p65=-99.500;34.737
p66=-99.698;34.500
p67=-100.000;34.235
p68=-100.361;34.000
p69=-100.500;33.907
p70=-101.000;33.591
p71=-101.185;33.500
p72=-101.500;33.397
p73=-102.000;33.268
p74=-102.500;33.154
p75=-103.000;33.102
p76=-103.500;33.066
p77=-104.000;33.084
p78=-104.500;33.128
p79=-105.000;33.209
p80=-105.500;33.322
p81=-106.000;33.469
p82=-106.083;33.500
p83=-106.500;33.680
p84=-107.000;33.932
p85=-107.120;34.000
p86=-107.500;34.230
p87=-107.871;34.500
p88=-108.000;34.606
p89=-108.443;35.000
p90=-108.500;35.054
p91=-108.910;35.500
p92=-109.000;35.613
p93=-109.297;36.000
p94=-109.500;36.282
p95=-109.640;36.500
p96=-109.909;37.000
p97=-110.000;37.177
p98=-110.156;37.500
p99=-110.356;38.000
p100=-110.500;38.391
p101=-110.538;38.500
p102=-110.686;39.000
p103=-110.813;39.500
p104=-110.909;40.000
p105=-110.978;40.500
p106=-111.000;40.710
p107=-111.029;41.000
p108=-111.044;41.500
p109=-111.063;42.000
p110=-111.036;42.500

p111=-111.000;42.895

[C7]

gain=-20.00

n_point=123

p1=-111.500;44.620

p2=-111.334;45.000

p3=-111.147;45.500

p4=-111.000;45.784

p5=-110.845;46.000

p6=-110.500;46.427

p7=-110.441;46.500

p8=-110.000;46.939

p9=-109.911;47.000

p10=-109.500;47.250

p11=-109.017;47.500

p12=-109.000;47.509

p13=-108.500;47.719

p14=-108.000;47.882

p15=-107.500;47.974

p16=-107.341;48.000

p17=-107.000;48.036

p18=-106.500;48.047

p19=-106.000;48.057

p20=-105.500;48.035

p21=-105.000;48.004

p22=-104.958;48.000

p23=-104.500;47.946

p24=-104.000;47.865

p25=-103.500;47.782

p26=-103.000;47.660

p27=-102.500;47.511

p28=-102.472;47.500

p29=-102.000;47.311

p30=-101.500;47.090

p31=-101.287;47.000

p32=-101.000;46.868

p33=-100.500;46.575

p34=-100.400;46.500

p35=-100.000;46.190

p36=-99.731;46.000

p37=-99.500;45.817

p38=-99.202;45.500

p39=-99.000;45.238

p40=-98.787;45.000

p41=-98.500;44.632

p42=-98.414;44.500

p43=-98.172;44.000

p44=-98.000;43.581

p45=-97.959;43.500

p46=-97.751;43.000

p47=-97.608;42.500

p48=-97.500;42.038

p49=-97.492;42.000

p50=-97.409;41.500

p51=-97.366;41.000

p52=-97.331;40.500

p53=-97.334;40.000
p54=-97.332;39.500
p55=-97.365;39.000
p56=-97.391;38.500
p57=-97.437;38.000
p58=-97.485;37.500
p59=-97.500;37.399
p60=-97.629;37.000
p61=-97.787;36.500
p62=-97.962;36.000
p63=-98.000;35.897
p64=-98.171;35.500
p65=-98.444;35.000
p66=-98.500;34.924
p67=-98.787;34.500
p68=-99.000;34.234
p69=-99.253;34.000
p70=-99.500;33.790
p71=-99.828;33.500
p72=-100.000;33.393
p73=-100.500;33.157
p74=-100.869;33.000
p75=-101.000;32.947
p76=-101.500;32.792
p77=-102.000;32.670
p78=-102.500;32.540
p79=-102.759;32.500
p80=-103.000;32.474
p81=-103.500;32.421
p82=-104.000;32.389
p83=-104.500;32.372
p84=-105.000;32.367
p85=-105.500;32.384
p86=-106.000;32.415
p87=-106.500;32.453
p88=-106.963;32.500
p89=-107.000;32.503
p90=-107.500;32.508
p91=-108.000;32.532
p92=-108.500;32.597
p93=-109.000;32.878
p94=-109.195;33.000
p95=-109.500;33.242
p96=-109.714;33.500
p97=-110.000;33.852
p98=-110.108;34.000
p99=-110.400;34.500
p100=-110.500;34.696
p101=-110.626;35.000
p102=-110.790;35.500
p103=-110.925;36.000
p104=-111.000;36.269
p105=-111.062;36.500
p106=-111.174;37.000
p107=-111.285;37.500
p108=-111.385;38.000
p109=-111.485;38.500

p110=-111.500;38.585
p111=-111.567;39.000
p112=-111.644;39.500
p113=-111.706;40.000
p114=-111.754;40.500
p115=-111.791;41.000
p116=-111.791;41.500
p117=-111.827;42.000
p118=-111.824;42.500
p119=-111.777;43.000
p120=-111.698;43.500
p121=-111.636;44.000
p122=-111.540;44.500
p123=-111.500;44.620