

[FormatInfo]
format_ver=1

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

[COHeader]
beam_id=SPD38
emi_rcp=E
polar_disc=C
reason=C
n_bore=1
n_cont=7

[B1]
gain=0.00
p=-70.496;43.779

[C1]
gain=-2.00
n_point=21
p1=-69.000;44.592
p2=-68.971;44.500
p3=-68.989;44.000
p4=-69.000;43.983
p5=-69.303;43.500
p6=-69.500;43.231
p7=-69.767;43.000
p8=-70.000;42.751
p9=-70.463;42.500
p10=-70.500;42.489
p11=-71.000;42.341
p12=-71.425;42.500
p13=-71.479;43.000
p14=-71.424;43.500
p15=-71.091;44.000
p16=-71.000;44.080
p17=-70.529;44.500
p18=-70.500;44.524
p19=-70.000;44.955
p20=-69.500;44.974
p21=-69.000;44.592

[C2]
gain=-4.00
n_point=33
p1=-68.500;45.327
p2=-68.275;45.000
p3=-68.356;44.500
p4=-68.429;44.000
p5=-68.500;43.901
p6=-68.768;43.500
p7=-69.000;43.205
p8=-69.155;43.000

p9=-69.500;42.662
p10=-69.656;42.500
p11=-70.000;42.242
p12=-70.491;42.000
p13=-70.500;41.994
p14=-71.000;41.840
p15=-71.500;41.754
p16=-71.779;42.000
p17=-72.000;42.209
p18=-72.167;42.500
p19=-72.120;43.000
p20=-72.000;43.398
p21=-71.950;43.500
p22=-71.664;44.000
p23=-71.500;44.231
p24=-71.210;44.500
p25=-71.000;44.777
p26=-70.735;45.000
p27=-70.500;45.112
p28=-70.000;45.354
p29=-69.617;45.500
p30=-69.500;45.551
p31=-69.139;45.500
p32=-69.000;45.472
p33=-68.500;45.327

[C3]

gain=-6.00
n_point=41
p1=-68.000;45.620
p2=-67.927;45.500
p3=-67.704;45.000
p4=-67.823;44.500
p5=-67.911;44.000
p6=-68.000;43.879
p7=-68.303;43.500
p8=-68.500;43.214
p9=-68.672;43.000
p10=-69.000;42.695
p11=-69.199;42.500
p12=-69.500;42.286
p13=-69.870;42.000
p14=-70.000;41.903
p15=-70.500;41.514
p16=-70.544;41.500
p17=-71.000;41.418
p18=-71.500;41.321
p19=-72.000;41.463
p20=-72.074;41.500
p21=-72.500;42.000
p22=-72.500;42.001
p23=-72.570;42.500
p24=-72.500;42.747
p25=-72.426;43.000
p26=-72.276;43.500
p27=-72.000;43.975
p28=-71.985;44.000

p29=-71.619;44.500
p30=-71.500;44.644
p31=-71.197;45.000
p32=-71.000;45.174
p33=-70.500;45.474
p34=-70.446;45.500
p35=-70.000;45.719
p36=-69.500;45.968
p37=-69.236;46.000
p38=-69.000;46.029
p39=-68.814;46.000
p40=-68.500;45.937
p41=-68.000;45.620

[C4]

gain=-8.00
n_point=43
p1=-67.500;45.750
p2=-67.345;45.500
p3=-67.223;45.000
p4=-67.374;44.500
p5=-67.500;44.117
p6=-67.537;44.000
p7=-67.912;43.500
p8=-68.000;43.388
p9=-68.289;43.000
p10=-68.500;42.791
p11=-68.807;42.500
p12=-69.000;42.340
p13=-69.460;42.000
p14=-69.500;41.971
p15=-70.000;41.595
p16=-70.121;41.500
p17=-70.500;41.299
p18=-71.000;41.153
p19=-71.500;41.043
p20=-72.000;41.092
p21=-72.500;41.354
p22=-72.626;41.500
p23=-72.758;42.000
p24=-72.863;42.500
p25=-72.725;43.000
p26=-72.580;43.500
p27=-72.500;43.635
p28=-72.283;44.000
p29=-72.000;44.378
p30=-71.911;44.500
p31=-71.500;44.998
p32=-71.498;45.000
p33=-71.000;45.440
p34=-70.902;45.500
p35=-70.500;45.831
p36=-70.162;46.000
p37=-70.000;46.069
p38=-69.500;46.275
p39=-69.000;46.453
p40=-68.500;46.367

p41=-68.000;46.274
p42=-67.655;46.000
p43=-67.500;45.750

[C5]

gain=-10.00
n_point=51
p1=-67.000;45.861
p2=-66.820;45.500
p3=-66.803;45.000
p4=-66.982;44.500
p5=-67.000;44.453
p6=-67.162;44.000
p7=-67.500;43.587
p8=-67.566;43.500
p9=-67.958;43.000
p10=-68.000;42.962
p11=-68.467;42.500
p12=-68.500;42.473
p13=-69.000;42.053
p14=-69.072;42.000
p15=-69.500;41.696
p16=-69.753;41.500
p17=-70.000;41.376
p18=-70.500;41.092
p19=-70.757;41.000
p20=-71.000;40.894
p21=-71.500;40.782
p22=-72.000;40.729
p23=-72.485;41.000
p24=-72.500;41.008
p25=-72.924;41.500
p26=-73.000;41.902
p27=-73.016;42.000
p28=-73.148;42.500
p29=-73.019;43.000
p30=-73.000;43.074
p31=-72.874;43.500
p32=-72.570;44.000
p33=-72.500;44.103
p34=-72.199;44.500
p35=-72.000;44.729
p36=-71.774;45.000
p37=-71.500;45.235
p38=-71.205;45.500
p39=-71.000;45.683
p40=-70.640;46.000
p41=-70.500;46.126
p42=-70.000;46.371
p43=-69.682;46.500
p44=-69.500;46.565
p45=-69.000;46.726
p46=-68.500;46.709
p47=-68.000;46.637
p48=-67.540;46.500
p49=-67.500;46.472
p50=-67.085;46.000

p51=-67.000;45.861

[C6]

gain=-15.00

n_point=65

p1=-66.000;46.522

p2=-65.945;46.500

p3=-65.746;46.000

p4=-65.629;45.500

p5=-65.726;45.000

p6=-65.949;44.500

p7=-66.000;44.404

p8=-66.198;44.000

p9=-66.500;43.666

p10=-66.649;43.500

p11=-67.000;43.103

p12=-67.086;43.000

p13=-67.500;42.671

p14=-67.688;42.500

p15=-68.000;42.274

p16=-68.336;42.000

p17=-68.500;41.873

p18=-68.970;41.500

p19=-69.000;41.481

p20=-69.500;41.206

p21=-69.879;41.000

p22=-70.000;40.935

p23=-70.500;40.629

p24=-70.717;40.500

p25=-71.000;40.213

p26=-71.500;40.010

p27=-71.536;40.000

p28=-72.000;39.853

p29=-72.500;39.988

p30=-72.510;40.000

p31=-72.989;40.500

p32=-73.000;40.508

p33=-73.276;41.000

p34=-73.500;41.474

p35=-73.518;41.500

p36=-73.715;42.000

p37=-73.819;42.500

p38=-73.660;43.000

p39=-73.500;43.473

p40=-73.491;43.500

p41=-73.195;44.000

p42=-73.000;44.289

p43=-72.853;44.500

p44=-72.500;44.943

p45=-72.450;45.000

p46=-72.000;45.380

p47=-71.861;45.500

p48=-71.500;45.812

p49=-71.291;46.000

p50=-71.000;46.310

p51=-70.785;46.500

p52=-70.500;46.762

p53=-70.135;47.000
p54=-70.000;47.091
p55=-69.500;47.254
p56=-69.000;47.386
p57=-68.522;47.500
p58=-68.500;47.511
p59=-68.475;47.500
p60=-68.000;47.380
p61=-67.500;47.243
p62=-67.076;47.000
p63=-67.000;46.957
p64=-66.500;46.701
p65=-66.000;46.522

[C7]

gain=-20.00
n_point=89
p1=-64.500;46.687
p2=-64.377;46.500
p3=-64.332;46.000
p4=-64.372;45.500
p5=-64.500;45.260
p6=-64.629;45.000
p7=-64.922;44.500
p8=-65.000;44.387
p9=-65.251;44.000
p10=-65.500;43.717
p11=-65.699;43.500
p12=-66.000;43.147
p13=-66.133;43.000
p14=-66.500;42.690
p15=-66.742;42.500
p16=-67.000;42.315
p17=-67.478;42.000
p18=-67.500;41.986
p19=-68.000;41.673
p20=-68.230;41.500
p21=-68.500;41.331
p22=-69.000;41.037
p23=-69.071;41.000
p24=-69.500;40.781
p25=-70.000;40.526
p26=-70.041;40.500
p27=-70.382;40.000
p28=-70.500;39.760
p29=-70.694;39.500
p30=-71.000;39.170
p31=-71.173;39.000
p32=-71.500;38.632
p33=-71.657;38.500
p34=-72.000;38.336
p35=-72.500;38.198
p36=-73.000;38.052
p37=-73.500;38.324
p38=-73.682;38.500
p39=-73.814;39.000
p40=-73.722;39.500

p41=-73.517;40.000
p42=-73.523;40.500
p43=-73.829;41.000
p44=-74.000;41.215
p45=-74.500;41.472
p46=-74.525;41.500
p47=-74.596;42.000
p48=-74.500;42.378
p49=-74.485;42.500
p50=-74.416;43.000
p51=-74.229;43.500
p52=-74.000;43.716
p53=-73.867;44.000
p54=-73.500;44.440
p55=-73.460;44.500
p56=-73.141;45.000
p57=-73.000;45.186
p58=-72.717;45.500
p59=-72.500;45.731
p60=-72.117;46.000
p61=-72.000;46.143
p62=-71.650;46.500
p63=-71.500;46.704
p64=-71.315;47.000
p65=-71.000;47.390
p66=-70.878;47.500
p67=-70.521;48.000
p68=-70.500;48.033
p69=-70.122;48.500
p70=-70.000;48.600
p71=-69.500;48.960
p72=-69.450;49.000
p73=-69.000;49.197
p74=-68.500;49.455
p75=-68.182;49.500
p76=-68.000;49.528
p77=-67.500;49.564
p78=-67.000;49.515
p79=-66.986;49.500
p80=-66.870;49.000
p81=-66.795;48.500
p82=-66.817;48.000
p83=-66.633;47.500
p84=-66.500;47.399
p85=-66.000;47.139
p86=-65.500;47.102
p87=-65.000;47.067
p88=-64.803;47.000
p89=-64.500;46.687