

[FormatInfo]
format_ver=1

[GeoMain]
adm=USA
sat_name=SKYTERRA-2
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=-73.831;41.327

[C1]
gain=-2.00
n_point=23
p1=-72.500;41.561
p2=-72.484;41.500
p3=-72.500;41.450
p4=-72.667;41.000
p5=-72.848;40.500
p6=-73.000;40.306
p7=-73.339;40.000
p8=-73.500;39.847
p9=-74.000;39.664
p10=-74.435;39.500
p11=-74.500;39.481
p12=-74.530;39.500
p13=-74.906;40.000
p14=-74.943;40.500
p15=-74.775;41.000
p16=-74.500;41.350
p17=-74.388;41.500
p18=-74.000;41.790
p19=-73.671;42.000
p20=-73.500;42.116
p21=-73.045;42.000
p22=-73.000;41.982
p23=-72.500;41.561

[C2]
gain=-4.00
n_point=33
p1=-72.000;41.641
p2=-71.971;41.500
p3=-72.000;41.414
p4=-72.142;41.000
p5=-72.364;40.500
p6=-72.500;40.342

p7=-72.773;40.000
p8=-73.000;39.781
p9=-73.291;39.500
p10=-73.500;39.336
p11=-74.000;39.146
p12=-74.445;39.000
p13=-74.500;38.988
p14=-74.569;39.000
p15=-75.000;39.182
p16=-75.328;39.500
p17=-75.500;39.984
p18=-75.502;40.000
p19=-75.500;40.010
p20=-75.366;40.500
p21=-75.221;41.000
p22=-75.000;41.423
p23=-74.933;41.500
p24=-74.500;41.992
p25=-74.490;42.000
p26=-74.000;42.333
p27=-73.773;42.500
p28=-73.500;42.619
p29=-73.000;42.688
p30=-72.500;42.610
p31=-72.270;42.500
p32=-72.081;42.000
p33=-72.000;41.641

[C3]

gain=-6.00
n_point=37
p1=-71.500;41.547
p2=-71.495;41.500
p3=-71.500;41.489
p4=-71.741;41.000
p5=-71.925;40.500
p6=-72.000;40.399
p7=-72.358;40.000
p8=-72.500;39.838
p9=-72.849;39.500
p10=-73.000;39.392
p11=-73.482;39.000
p12=-73.500;38.989
p13=-74.000;38.795
p14=-74.500;38.684
p15=-75.000;38.708
p16=-75.500;38.962
p17=-75.536;39.000
p18=-75.718;39.500
p19=-75.786;40.000
p20=-75.690;40.500
p21=-75.524;41.000
p22=-75.500;41.042
p23=-75.246;41.500
p24=-75.000;41.824
p25=-74.838;42.000
p26=-74.500;42.442

p27=-74.420;42.500
p28=-74.000;42.704
p29=-73.500;42.927
p30=-73.242;43.000
p31=-73.000;43.084
p32=-72.500;43.008
p33=-72.457;43.000
p34=-72.000;42.882
p35=-71.666;42.500
p36=-71.570;42.000
p37=-71.500;41.547

[C4]

gain=-8.00
n_point=41
p1=-71.500;42.852
p2=-71.204;42.500
p3=-71.187;42.000
p4=-71.178;41.500
p5=-71.398;41.000
p6=-71.500;40.780
p7=-71.627;40.500
p8=-71.997;40.000
p9=-72.000;39.996
p10=-72.447;39.500
p11=-72.500;39.453
p12=-73.000;39.088
p13=-73.108;39.000
p14=-73.500;38.759
p15=-73.997;38.500
p16=-74.000;38.498
p17=-74.500;38.391
p18=-75.000;38.339
p19=-75.302;38.500
p20=-75.500;38.607
p21=-75.876;39.000
p22=-75.997;39.500
p23=-76.000;39.519
p24=-76.064;40.000
p25=-76.000;40.381
p26=-75.978;40.500
p27=-75.816;41.000
p28=-75.528;41.500
p29=-75.500;41.538
p30=-75.145;42.000
p31=-75.000;42.168
p32=-74.728;42.500
p33=-74.500;42.701
p34=-74.007;43.000
p35=-74.000;43.005
p36=-73.500;43.231
p37=-73.000;43.458
p38=-72.500;43.415
p39=-72.000;43.321
p40=-71.631;43.000
p41=-71.500;42.852

[C5]

gain=-10.00
n_point=47
p1=-71.000;42.811
p2=-70.823;42.500
p3=-70.843;42.000
p4=-70.860;41.500
p5=-71.000;41.206
p6=-71.094;41.000
p7=-71.329;40.500
p8=-71.500;40.286
p9=-71.715;40.000
p10=-72.000;39.672
p11=-72.155;39.500
p12=-72.500;39.192
p13=-72.754;39.000
p14=-73.000;38.849
p15=-73.500;38.529
p16=-73.556;38.500
p17=-74.000;38.237
p18=-74.500;38.117
p19=-74.959;38.000
p20=-75.000;37.992
p21=-75.025;38.000
p22=-75.500;38.251
p23=-75.787;38.500
p24=-76.000;38.725
p25=-76.154;39.000
p26=-76.258;39.500
p27=-76.326;40.000
p28=-76.207;40.500
p29=-76.073;41.000
p30=-76.000;41.156
p31=-75.789;41.500
p32=-75.500;41.893
p33=-75.418;42.000
p34=-75.000;42.487
p35=-74.989;42.500
p36=-74.500;42.931
p37=-74.387;43.000
p38=-74.000;43.303
p39=-73.575;43.500
p40=-73.500;43.531
p41=-73.000;43.717
p42=-72.500;43.728
p43=-72.000;43.649
p44=-71.642;43.500
p45=-71.500;43.382
p46=-71.157;43.000
p47=-71.000;42.811

[C6]

gain=-15.00
n_point=55
p1=-70.500;43.474
p2=-70.170;43.000
p3=-70.003;42.500

p4=-70.001;42.000
p5=-70.037;41.500
p6=-70.298;41.000
p7=-70.500;40.604
p8=-70.551;40.500
p9=-70.991;40.000
p10=-71.000;39.990
p11=-71.456;39.500
p12=-71.500;39.466
p13=-72.000;39.022
p14=-72.025;39.000
p15=-72.500;38.657
p16=-72.744;38.500
p17=-73.000;38.324
p18=-73.500;38.001
p19=-73.501;38.000
p20=-74.000;37.710
p21=-74.500;37.571
p22=-74.828;37.500
p23=-75.000;37.458
p24=-75.462;37.500
p25=-75.500;37.504
p26=-76.000;37.703
p27=-76.162;38.000
p28=-76.376;38.500
p29=-76.500;38.691
p30=-76.751;39.000
p31=-76.824;39.500
p32=-76.838;40.000
p33=-76.715;40.500
p34=-76.560;41.000
p35=-76.500;41.132
p36=-76.324;41.500
p37=-76.015;42.000
p38=-76.000;42.023
p39=-75.632;42.500
p40=-75.500;42.629
p41=-75.070;43.000
p42=-75.000;43.057
p43=-74.501;43.500
p44=-74.500;43.501
p45=-74.000;43.972
p46=-73.935;44.000
p47=-73.500;44.212
p48=-73.000;44.337
p49=-72.500;44.427
p50=-72.000;44.291
p51=-71.500;44.170
p52=-71.204;44.000
p53=-71.000;43.841
p54=-70.521;43.500
p55=-70.500;43.474

[C7]

gain=-20.00
n_point=81
p1=-69.000;42.660

p2=-68.975;42.500
p3=-69.000;42.355
p4=-69.060;42.000
p5=-69.199;41.500
p6=-69.467;41.000
p7=-69.500;40.940
p8=-69.743;40.500
p9=-70.000;40.182
p10=-70.157;40.000
p11=-70.500;39.624
p12=-70.620;39.500
p13=-71.000;39.193
p14=-71.262;39.000
p15=-71.500;38.849
p16=-72.000;38.505
p17=-72.007;38.500
p18=-72.500;38.113
p19=-72.673;38.000
p20=-73.000;37.767
p21=-73.469;37.500
p22=-73.500;37.479
p23=-74.000;37.172
p24=-74.451;37.000
p25=-74.458;36.500
p26=-74.500;36.418
p27=-74.824;36.000
p28=-75.000;35.941
p29=-75.500;35.827
p30=-76.000;35.827
p31=-76.500;35.914
p32=-76.666;36.000
p33=-76.500;36.444
p34=-76.461;36.500
p35=-76.145;37.000
p36=-76.500;37.225
p37=-76.622;37.500
p38=-76.573;38.000
p39=-76.917;38.500
p40=-77.000;38.601
p41=-77.316;39.000
p42=-77.322;39.500
p43=-77.323;40.000
p44=-77.254;40.500
p45=-77.045;41.000
p46=-77.000;41.050
p47=-76.818;41.500
p48=-76.558;42.000
p49=-76.500;42.082
p50=-76.253;42.500
p51=-76.000;42.863
p52=-75.858;43.000
p53=-75.500;43.303
p54=-75.228;43.500
p55=-75.000;43.820
p56=-74.888;44.000
p57=-74.570;44.500
p58=-74.500;44.598

p59=-74.022;45.000
p60=-74.000;45.019
p61=-73.563;45.500
p62=-73.500;45.571
p63=-73.188;46.000
p64=-73.000;46.084
p65=-72.500;46.173
p66=-72.000;46.223
p67=-71.500;46.187
p68=-71.289;46.000
p69=-71.500;45.604
p70=-71.541;45.500
p71=-71.788;45.000
p72=-71.500;44.835
p73=-71.049;44.500
p74=-71.000;44.473
p75=-70.500;44.159
p76=-70.019;44.000
p77=-70.000;43.988
p78=-69.500;43.515
p79=-69.485;43.500
p80=-69.071;43.000
p81=-69.000;42.660