

[FormatInfo]
format_ver=1

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

[COHeader]
beam_id=SPD4
emi_rcp=E
polar_disc=C
reason=C
n_bore=1
n_cont=7

[B1]
gain=0.00
p=-88.125;41.958

[C1]
gain=-2.00
n_point=17
p1=-87.000;43.412
p2=-86.769;43.000
p3=-86.772;42.500
p4=-86.787;42.000
p5=-87.000;41.627
p6=-87.159;41.500
p7=-87.500;41.155
p8=-88.000;41.046
p9=-88.410;41.500
p10=-88.500;41.646
p11=-88.634;42.000
p12=-88.502;42.500
p13=-88.500;42.506
p14=-88.368;43.000
p15=-88.000;43.441
p16=-87.500;43.482
p17=-87.000;43.412

[C2]
gain=-4.00
n_point=27
p1=-86.500;43.390
p2=-86.336;43.000
p3=-86.367;42.500
p4=-86.404;42.000
p5=-86.500;41.793
p6=-86.675;41.500
p7=-86.965;41.000
p8=-87.000;40.969
p9=-87.500;40.654
p10=-88.000;40.597
p11=-88.500;40.786
p12=-88.721;41.000

p13=-88.948;41.500
p14=-89.000;41.630
p15=-89.066;42.000
p16=-89.008;42.500
p17=-89.000;42.579
p18=-88.888;43.000
p19=-88.500;43.434
p20=-88.444;43.500
p21=-88.000;43.982
p22=-87.927;44.000
p23=-87.500;44.079
p24=-87.000;44.042
p25=-86.939;44.000
p26=-86.555;43.500
p27=-86.500;43.390

[C3]

gain=-6.00
n_point=31
p1=-86.000;43.183
p2=-85.967;43.000
p3=-85.994;42.500
p4=-86.000;42.445
p5=-86.098;42.000
p6=-86.372;41.500
p7=-86.500;41.154
p8=-86.592;41.000
p9=-87.000;40.639
p10=-87.201;40.500
p11=-87.500;40.287
p12=-88.000;40.236
p13=-88.500;40.361
p14=-88.660;40.500
p15=-89.000;40.830
p16=-89.094;41.000
p17=-89.203;41.500
p18=-89.291;42.000
p19=-89.216;42.500
p20=-89.151;43.000
p21=-89.000;43.362
p22=-88.874;43.500
p23=-88.500;43.945
p24=-88.449;44.000
p25=-88.000;44.323
p26=-87.500;44.479
p27=-87.000;44.445
p28=-86.500;44.108
p29=-86.408;44.000
p30=-86.139;43.500
p31=-86.000;43.183

[C4]

gain=-8.00
n_point=37
p1=-86.000;43.955
p2=-85.881;43.500
p3=-85.800;43.000

p4=-85.838;42.500
p5=-85.895;42.000
p6=-86.000;41.736
p7=-86.140;41.500
p8=-86.363;41.000
p9=-86.500;40.783
p10=-86.815;40.500
p11=-87.000;40.344
p12=-87.446;40.000
p13=-87.500;39.976
p14=-88.000;39.951
p15=-88.500;39.997
p16=-88.507;40.000
p17=-89.000;40.437
p18=-89.039;40.500
p19=-89.322;41.000
p20=-89.429;41.500
p21=-89.500;41.912
p22=-89.513;42.000
p23=-89.500;42.077
p24=-89.423;42.500
p25=-89.343;43.000
p26=-89.121;43.500
p27=-89.000;43.767
p28=-88.797;44.000
p29=-88.500;44.266
p30=-88.188;44.500
p31=-88.000;44.609
p32=-87.500;44.758
p33=-87.000;44.734
p34=-86.500;44.539
p35=-86.453;44.500
p36=-86.025;44.000
p37=-86.000;43.955

[C5]

gain=-10.00
n_point=39
p1=-86.000;44.379
p2=-85.816;44.000
p3=-85.700;43.500
p4=-85.634;43.000
p5=-85.683;42.500
p6=-85.740;42.000
p7=-85.945;41.500
p8=-86.000;41.359
p9=-86.183;41.000
p10=-86.497;40.500
p11=-86.500;40.496
p12=-87.000;40.074
p13=-87.096;40.000
p14=-87.500;39.820
p15=-88.000;39.793
p16=-88.500;39.826
p17=-88.869;40.000
p18=-89.000;40.116
p19=-89.241;40.500

p20=-89.500;40.927
p21=-89.535;41.000
p22=-89.620;41.500
p23=-89.703;42.000
p24=-89.619;42.500
p25=-89.535;43.000
p26=-89.500;43.067
p27=-89.294;43.500
p28=-89.062;44.000
p29=-89.000;44.101
p30=-88.562;44.500
p31=-88.500;44.545
p32=-88.000;44.841
p33=-87.571;45.000
p34=-87.500;45.031
p35=-87.000;45.004
p36=-86.987;45.000
p37=-86.500;44.828
p38=-86.104;44.500
p39=-86.000;44.379

[C6]

gain=-15.00
n_point=47
p1=-85.500;44.549
p2=-85.474;44.500
p3=-85.376;44.000
p4=-85.292;43.500
p5=-85.236;43.000
p6=-85.291;42.500
p7=-85.340;42.000
p8=-85.500;41.717
p9=-85.600;41.500
p10=-85.815;41.000
p11=-86.000;40.626
p12=-86.083;40.500
p13=-86.428;40.000
p14=-86.500;39.912
p15=-87.000;39.622
p16=-87.308;39.500
p17=-87.500;39.451
p18=-88.000;39.430
p19=-88.500;39.433
p20=-88.747;39.500
p21=-89.000;39.611
p22=-89.381;40.000
p23=-89.500;40.177
p24=-89.651;40.500
p25=-89.936;41.000
p26=-90.000;41.270
p27=-90.064;41.500
p28=-90.155;42.000
p29=-90.086;42.500
p30=-90.007;43.000
p31=-90.000;43.012
p32=-89.728;43.500
p33=-89.500;43.913

p34=-89.457;44.000
p35=-89.173;44.500
p36=-89.000;44.708
p37=-88.589;45.000
p38=-88.500;45.062
p39=-88.000;45.407
p40=-87.825;45.500
p41=-87.500;45.624
p42=-87.000;45.623
p43=-86.500;45.571
p44=-86.423;45.500
p45=-86.000;45.049
p46=-85.945;45.000
p47=-85.500;44.549

[C7]

gain=-20.00
n_point=53
p1=-85.000;43.872
p2=-84.838;43.500
p3=-84.713;43.000
p4=-84.796;42.500
p5=-84.858;42.000
p6=-85.000;41.818
p7=-85.164;41.500
p8=-85.500;41.009
p9=-85.504;41.000
p10=-85.728;40.500
p11=-85.997;40.000
p12=-86.000;39.993
p13=-86.342;39.500
p14=-86.500;39.376
p15=-87.000;39.242
p16=-87.500;39.178
p17=-88.000;39.157
p18=-88.500;39.151
p19=-89.000;39.262
p20=-89.480;39.500
p21=-89.500;39.521
p22=-89.672;40.000
p23=-89.961;40.500
p24=-90.000;40.565
p25=-90.454;41.000
p26=-90.500;41.253
p27=-90.541;41.500
p28=-90.567;42.000
p29=-90.529;42.500
p30=-90.500;42.879
p31=-90.490;43.000
p32=-90.286;43.500
p33=-90.000;43.803
p34=-89.891;44.000
p35=-89.659;44.500
p36=-89.500;44.763
p37=-89.325;45.000
p38=-89.000;45.301
p39=-88.676;45.500

p40=-88.500;45.700
p41=-88.000;45.947
p42=-87.688;46.000
p43=-87.500;46.024
p44=-87.000;46.068
p45=-86.500;46.120
p46=-86.074;46.000
p47=-86.000;45.942
p48=-85.797;45.500
p49=-85.500;45.230
p50=-85.186;45.000
p51=-85.080;44.500
p52=-85.026;44.000
p53=-85.000;43.872