

[FormatInfo]
format_ver=1

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

[COHeader]
beam_id=SPD7
emi_rcp=E
polar_disc=C
reason=C
n_bore=1
n_cont=7

[B1]
gain=0.00
p=-117.900;34.243

[C1]
gain=-2.00
n_point=17
p1=-119.000;35.098
p2=-118.500;35.157
p3=-118.000;35.037
p4=-117.941;35.000
p5=-117.500;34.547
p6=-117.454;34.500
p7=-117.183;34.000
p8=-117.214;33.500
p9=-117.500;33.011
p10=-118.000;33.117
p11=-118.500;33.234
p12=-118.792;33.500
p13=-119.000;33.766
p14=-119.141;34.000
p15=-119.296;34.500
p16=-119.113;35.000
p17=-119.000;35.098

[C2]
gain=-4.00
n_point=25
p1=-119.500;35.523
p2=-119.000;35.665
p3=-118.500;35.692
p4=-118.075;35.500
p5=-118.000;35.466
p6=-117.500;35.140
p7=-117.319;35.000
p8=-117.000;34.678
p9=-116.881;34.500
p10=-116.689;34.000
p11=-116.661;33.500
p12=-116.834;33.000

p13=-117.000;32.830
p14=-117.500;32.513
p15=-118.000;32.597
p16=-118.500;32.775
p17=-118.788;33.000
p18=-119.000;33.198
p19=-119.354;33.500
p20=-119.500;33.741
p21=-119.619;34.000
p22=-119.833;34.500
p23=-119.749;35.000
p24=-119.521;35.500
p25=-119.500;35.523

[C3]

gain=-6.00
n_point=33
p1=-120.000;35.534
p2=-119.576;36.000
p3=-119.500;36.058
p4=-119.000;36.091
p5=-118.500;36.084
p6=-118.346;36.000
p7=-118.000;35.797
p8=-117.500;35.527
p9=-117.467;35.500
p10=-117.000;35.114
p11=-116.869;35.000
p12=-116.535;34.500
p13=-116.500;34.421
p14=-116.310;34.000
p15=-116.281;33.500
p16=-116.361;33.000
p17=-116.500;32.698
p18=-116.693;32.500
p19=-117.000;32.256
p20=-117.500;32.149
p21=-118.000;32.236
p22=-118.500;32.440
p23=-118.608;32.500
p24=-119.000;32.812
p25=-119.237;33.000
p26=-119.500;33.229
p27=-119.722;33.500
p28=-120.000;33.988
p29=-120.006;34.000
p30=-120.192;34.500
p31=-120.170;35.000
p32=-120.025;35.500
p33=-120.000;35.534

[C4]

gain=-8.00
n_point=37
p1=-120.000;36.087
p2=-119.500;36.446
p3=-119.000;36.483

p4=-118.500;36.384
p5=-118.000;36.108
p6=-117.799;36.000
p7=-117.500;35.832
p8=-117.104;35.500
p9=-117.000;35.414
p10=-116.527;35.000
p11=-116.500;34.960
p12=-116.188;34.500
p13=-116.000;34.081
p14=-115.953;34.000
p15=-115.948;33.500
p16=-116.000;33.312
p17=-116.067;33.000
p18=-116.300;32.500
p19=-116.500;32.141
p20=-116.679;32.000
p21=-117.000;31.794
p22=-117.500;31.820
p23=-118.000;31.921
p24=-118.129;32.000
p25=-118.500;32.197
p26=-119.000;32.479
p27=-119.031;32.500
p28=-119.500;32.894
p29=-119.599;33.000
p30=-120.000;33.468
p31=-120.030;33.500
p32=-120.281;34.000
p33=-120.470;34.500
p34=-120.497;35.000
p35=-120.439;35.500
p36=-120.077;36.000
p37=-120.000;36.087

[C5]

gain=-10.00
n_point=43
p1=-120.500;36.049
p2=-120.100;36.500
p3=-120.000;36.609
p4=-119.500;36.803
p5=-119.000;36.847
p6=-118.500;36.670
p7=-118.185;36.500
p8=-118.000;36.396
p9=-117.500;36.094
p10=-117.381;36.000
p11=-117.000;35.666
p12=-116.787;35.500
p13=-116.500;35.244
p14=-116.131;35.000
p15=-116.000;34.792
p16=-115.758;34.500
p17=-115.507;34.000
p18=-115.569;33.500
p19=-115.756;33.000

p20=-116.000;32.525
p21=-116.012;32.500
p22=-116.251;32.000
p23=-116.500;31.671
p24=-116.779;31.500
p25=-117.000;31.325
p26=-117.433;31.500
p27=-117.500;31.514
p28=-118.000;31.642
p29=-118.500;31.961
p30=-118.565;32.000
p31=-119.000;32.267
p32=-119.349;32.500
p33=-119.500;32.627
p34=-119.851;33.000
p35=-120.000;33.174
p36=-120.303;33.500
p37=-120.500;33.889
p38=-120.565;34.000
p39=-120.752;34.500
p40=-120.765;35.000
p41=-120.714;35.500
p42=-120.523;36.000
p43=-120.500;36.049

[C6]

gain=-15.00
n_point=67
p1=-121.500;35.168
p2=-121.381;35.500
p3=-121.092;36.000
p4=-121.000;36.360
p5=-120.952;36.500
p6=-120.700;37.000
p7=-120.500;37.393
p8=-120.431;37.500
p9=-120.494;38.000
p10=-120.000;38.458
p11=-119.916;38.500
p12=-119.500;38.587
p13=-119.326;38.500
p14=-119.000;38.262
p15=-118.662;38.000
p16=-118.500;37.744
p17=-118.407;37.500
p18=-118.000;37.124
p19=-117.949;37.000
p20=-117.500;36.590
p21=-117.394;36.500
p22=-117.000;36.168
p23=-116.721;36.000
p24=-116.500;35.822
p25=-116.000;35.668
p26=-115.517;35.500
p27=-115.500;35.493
p28=-115.000;35.156
p29=-114.794;35.000

p30=-114.500;34.500
p31=-114.500;34.500
p32=-114.284;34.000
p33=-114.383;33.500
p34=-114.500;33.284
p35=-114.659;33.000
p36=-115.000;32.749
p37=-115.301;32.500
p38=-115.500;32.256
p39=-115.605;32.000
p40=-115.765;31.500
p41=-115.734;31.000
p42=-115.648;30.500
p43=-115.963;30.000
p44=-116.000;29.961
p45=-116.500;29.779
p46=-116.987;30.000
p47=-117.000;30.005
p48=-117.500;30.324
p49=-117.645;30.500
p50=-118.000;30.829
p51=-118.141;31.000
p52=-118.500;31.413
p53=-118.565;31.500
p54=-119.000;31.790
p55=-119.225;32.000
p56=-119.500;32.214
p57=-119.975;32.500
p58=-120.000;32.526
p59=-120.500;32.998
p60=-120.503;33.000
p61=-121.000;33.336
p62=-121.213;33.500
p63=-121.486;34.000
p64=-121.500;34.033
p65=-121.705;34.500
p66=-121.602;35.000
p67=-121.500;35.168

[C7]

gain=-20.00
n_point=87
p1=-122.500;35.634
p2=-122.000;35.875
p3=-121.794;36.000
p4=-121.500;36.327
p5=-121.442;36.500
p6=-121.340;37.000
p7=-121.276;37.500
p8=-121.500;37.934
p9=-121.532;38.000
p10=-121.594;38.500
p11=-121.500;38.637
p12=-121.219;39.000
p13=-121.000;39.468
p14=-120.945;39.500
p15=-120.500;39.636

p16=-120.000;39.734
p17=-119.500;39.540
p18=-119.412;39.500
p19=-119.000;39.296
p20=-118.689;39.000
p21=-118.500;38.874
p22=-118.151;38.500
p23=-118.000;38.285
p24=-117.813;38.000
p25=-117.748;37.500
p26=-117.516;37.000
p27=-117.500;36.986
p28=-117.000;36.547
p29=-116.892;36.500
p30=-116.500;36.270
p31=-116.000;36.263
p32=-115.500;36.203
p33=-115.000;36.005
p34=-114.983;36.000
p35=-114.500;35.656
p36=-114.272;35.500
p37=-114.000;35.284
p38=-113.703;35.000
p39=-113.500;34.539
p40=-113.480;34.500
p41=-113.306;34.000
p42=-113.361;33.500
p43=-113.484;33.000
p44=-113.500;32.980
p45=-114.000;32.543
p46=-114.061;32.500
p47=-114.500;32.326
p48=-114.969;32.000
p49=-115.000;31.966
p50=-115.264;31.500
p51=-115.166;31.000
p52=-115.000;30.664
p53=-114.960;30.500
p54=-115.000;30.226
p55=-115.081;30.000
p56=-115.257;29.500
p57=-115.500;29.030
p58=-115.664;29.000
p59=-116.000;28.922
p60=-116.441;29.000
p61=-116.500;29.005
p62=-117.000;29.233
p63=-117.500;29.466
p64=-117.548;29.500
p65=-118.000;29.970
p66=-118.032;30.000
p67=-118.461;30.500
p68=-118.500;30.547
p69=-118.767;31.000
p70=-119.000;31.293
p71=-119.093;31.500
p72=-119.500;31.889

p73=-119.652;32.000
p74=-120.000;32.242
p75=-120.500;32.378
p76=-121.000;32.472
p77=-121.062;32.500
p78=-121.500;32.817
p79=-121.720;33.000
p80=-122.000;33.240
p81=-122.355;33.500
p82=-122.500;33.749
p83=-122.588;34.000
p84=-122.953;34.500
p85=-122.814;35.000
p86=-122.665;35.500
p87=-122.500;35.634