

[FormatInfo]  
format\_ver=1

[GeoMain]  
adm=USA  
sat\_name=SKYTERRA-2  
long\_nom=-95.000  
n\_diag=1

[COHeader]  
beam\_id=SPD15  
emi\_rcp=E  
polar\_disc=C  
reason=C  
n\_bore=1  
n\_cont=7

[B1]  
gain=0.00  
p=-116.602;33.238

[C1]  
gain=-2.00  
n\_point=19  
p1=-117.500;33.562  
p2=-117.000;33.880  
p3=-116.500;33.799  
p4=-116.000;33.521  
p5=-115.978;33.500  
p6=-115.500;33.008  
p7=-115.495;33.000  
p8=-115.403;32.500  
p9=-115.500;32.097  
p10=-115.565;32.000  
p11=-116.000;31.694  
p12=-116.500;31.794  
p13=-116.916;32.000  
p14=-117.000;32.059  
p15=-117.403;32.500  
p16=-117.500;32.663  
p17=-117.607;33.000  
p18=-117.538;33.500  
p19=-117.500;33.562

[C2]  
gain=-4.00  
n\_point=27  
p1=-118.000;33.716  
p2=-117.866;34.000  
p3=-117.500;34.257  
p4=-117.000;34.440  
p5=-116.500;34.254  
p6=-116.000;34.072  
p7=-115.904;34.000  
p8=-115.500;33.605  
p9=-115.410;33.500  
p10=-115.090;33.000

p11=-115.000;32.614  
p12=-114.974;32.500  
p13=-115.000;32.053  
p14=-115.004;32.000  
p15=-115.282;31.500  
p16=-115.500;31.340  
p17=-116.000;31.163  
p18=-116.500;31.317  
p19=-117.000;31.474  
p20=-117.036;31.500  
p21=-117.500;32.000  
p22=-117.500;32.000  
p23=-117.870;32.500  
p24=-118.000;32.919  
p25=-118.024;33.000  
p26=-118.059;33.500  
p27=-118.000;33.716

[C3]

gain=-6.00  
n\_point=31  
p1=-118.000;34.560  
p2=-117.500;34.705  
p3=-117.000;34.780  
p4=-116.500;34.606  
p5=-116.199;34.500  
p6=-116.000;34.420  
p7=-115.500;34.037  
p8=-115.448;34.000  
p9=-115.016;33.500  
p10=-115.000;33.475  
p11=-114.700;33.000  
p12=-114.583;32.500  
p13=-114.626;32.000  
p14=-114.805;31.500  
p15=-115.000;31.128  
p16=-115.200;31.000  
p17=-115.500;30.884  
p18=-116.000;30.796  
p19=-116.500;30.964  
p20=-116.582;31.000  
p21=-117.000;31.176  
p22=-117.447;31.500  
p23=-117.500;31.557  
p24=-117.903;32.000  
p25=-118.000;32.129  
p26=-118.244;32.500  
p27=-118.432;33.000  
p28=-118.482;33.500  
p29=-118.328;34.000  
p30=-118.059;34.500  
p31=-118.000;34.560

[C4]

gain=-8.00  
n\_point=39  
p1=-118.500;34.393

p2=-118.441;34.500  
p3=-118.000;34.948  
p4=-117.821;35.000  
p5=-117.500;35.093  
p6=-117.000;35.094  
p7=-116.743;35.000  
p8=-116.500;34.912  
p9=-116.000;34.692  
p10=-115.734;34.500  
p11=-115.500;34.313  
p12=-115.063;34.000  
p13=-115.000;33.927  
p14=-114.642;33.500  
p15=-114.500;33.279  
p16=-114.338;33.000  
p17=-114.253;32.500  
p18=-114.296;32.000  
p19=-114.466;31.500  
p20=-114.500;31.434  
p21=-114.744;31.000  
p22=-115.000;30.655  
p23=-115.452;30.500  
p24=-115.500;30.483  
p25=-116.000;30.469  
p26=-116.078;30.500  
p27=-116.500;30.654  
p28=-117.000;30.895  
p29=-117.144;31.000  
p30=-117.500;31.269  
p31=-117.839;31.500  
p32=-118.000;31.677  
p33=-118.230;32.000  
p34=-118.500;32.383  
p35=-118.576;32.500  
p36=-118.726;33.000  
p37=-118.784;33.500  
p38=-118.687;34.000  
p39=-118.500;34.393

[C5]

gain=-10.00  
n\_point=43  
p1=-119.000;34.037  
p2=-118.821;34.500  
p3=-118.500;34.888  
p4=-118.390;35.000  
p5=-118.000;35.331  
p6=-117.500;35.479  
p7=-117.000;35.404  
p8=-116.500;35.220  
p9=-116.124;35.000  
p10=-116.000;34.941  
p11=-115.500;34.575  
p12=-115.387;34.500  
p13=-115.000;34.215  
p14=-114.675;34.000  
p15=-114.500;33.790

p16=-114.278;33.500  
p17=-114.001;33.000  
p18=-114.000;32.993  
p19=-113.936;32.500  
p20=-113.990;32.000  
p21=-114.000;31.971  
p22=-114.175;31.500  
p23=-114.438;31.000  
p24=-114.500;30.889  
p25=-114.782;30.500  
p26=-115.000;30.163  
p27=-115.500;30.026  
p28=-116.000;30.136  
p29=-116.500;30.347  
p30=-116.739;30.500  
p31=-117.000;30.641  
p32=-117.495;31.000  
p33=-117.500;31.004  
p34=-118.000;31.365  
p35=-118.161;31.500  
p36=-118.500;31.960  
p37=-118.529;32.000  
p38=-118.854;32.500  
p39=-118.998;33.000  
p40=-119.000;33.015  
p41=-119.073;33.500  
p42=-119.009;34.000  
p43=-119.000;34.037

[C6]

gain=-15.00  
n\_point=61  
p1=-119.500;34.318  
p2=-119.435;34.500  
p3=-119.163;35.000  
p4=-119.000;35.425  
p5=-118.951;35.500  
p6=-118.636;36.000  
p7=-118.500;36.242  
p8=-118.085;36.500  
p9=-118.000;36.647  
p10=-117.500;36.708  
p11=-117.251;36.500  
p12=-117.000;36.365  
p13=-116.500;36.015  
p14=-116.491;36.000  
p15=-116.000;35.594  
p16=-115.891;35.500  
p17=-115.500;35.174  
p18=-115.251;35.000  
p19=-115.000;34.838  
p20=-114.500;34.581  
p21=-114.359;34.500  
p22=-114.000;34.254  
p23=-113.578;34.000  
p24=-113.500;33.904  
p25=-113.181;33.500

p26=-113.000;33.190  
p27=-112.920;33.000  
p28=-112.930;32.500  
p29=-113.000;32.288  
p30=-113.110;32.000  
p31=-113.500;31.560  
p32=-113.527;31.500  
p33=-113.863;31.000  
p34=-114.000;30.528  
p35=-114.014;30.500  
p36=-114.104;30.000  
p37=-114.190;29.500  
p38=-114.338;29.000  
p39=-114.500;28.751  
p40=-115.000;28.707  
p41=-115.500;28.794  
p42=-115.797;29.000  
p43=-116.000;29.186  
p44=-116.343;29.500  
p45=-116.500;29.585  
p46=-116.971;30.000  
p47=-117.000;30.021  
p48=-117.500;30.408  
p49=-117.614;30.500  
p50=-118.000;30.796  
p51=-118.250;31.000  
p52=-118.500;31.211  
p53=-118.863;31.500  
p54=-119.000;31.688  
p55=-119.312;32.000  
p56=-119.500;32.250  
p57=-119.715;32.500  
p58=-119.822;33.000  
p59=-119.858;33.500  
p60=-119.662;34.000  
p61=-119.500;34.318

[C7]

gain=-20.00  
n\_point=75  
p1=-120.500;34.183  
p2=-120.000;34.485  
p3=-119.990;34.500  
p4=-119.638;35.000  
p5=-119.565;35.500  
p6=-119.542;36.000  
p7=-119.500;36.283  
p8=-119.444;36.500  
p9=-119.482;37.000  
p10=-119.196;37.500  
p11=-119.000;37.684  
p12=-118.500;37.918  
p13=-118.000;37.983  
p14=-117.500;37.850  
p15=-117.000;37.656  
p16=-116.789;37.500  
p17=-116.500;37.252

p18=-116.149;37.000  
p19=-116.000;36.647  
p20=-115.948;36.500  
p21=-115.670;36.000  
p22=-115.500;35.855  
p23=-115.000;35.524  
p24=-114.957;35.500  
p25=-114.500;35.258  
p26=-114.000;35.037  
p27=-113.885;35.000  
p28=-113.500;34.802  
p29=-113.032;34.500  
p30=-113.000;34.480  
p31=-112.511;34.000  
p32=-112.500;33.979  
p33=-112.268;33.500  
p34=-112.068;33.000  
p35=-112.062;32.500  
p36=-112.124;32.000  
p37=-112.383;31.500  
p38=-112.500;31.393  
p39=-113.000;31.277  
p40=-113.414;31.000  
p41=-113.500;30.941  
p42=-113.739;30.500  
p43=-113.701;30.000  
p44=-113.547;29.500  
p45=-113.549;29.000  
p46=-113.600;28.500  
p47=-114.000;28.072  
p48=-114.125;28.000  
p49=-114.500;27.708  
p50=-115.000;27.741  
p51=-115.364;28.000  
p52=-115.500;28.049  
p53=-116.000;28.322  
p54=-116.248;28.500  
p55=-116.500;28.716  
p56=-116.792;29.000  
p57=-117.000;29.292  
p58=-117.145;29.500  
p59=-117.500;29.812  
p60=-117.700;30.000  
p61=-118.000;30.249  
p62=-118.315;30.500  
p63=-118.500;30.651  
p64=-119.000;30.981  
p65=-119.039;31.000  
p66=-119.500;31.242  
p67=-119.911;31.500  
p68=-120.000;31.592  
p69=-120.271;32.000  
p70=-120.500;32.314  
p71=-120.634;32.500  
p72=-120.762;33.000  
p73=-120.843;33.500  
p74=-120.662;34.000

p75=-120.500;34.183