

[FormatInfo]  
format\_ver=1

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

[COHeader]  
beam\_id=SPU12  
emi\_rcp=R  
polar\_disc=C  
reason=C  
n\_bore=1  
n\_cont=7

[B1]  
gain=0.00  
p=-122.385;47.670

[C1]  
gain=-2.00  
n\_point=21  
p1=-124.000;48.751  
p2=-123.500;48.938  
p3=-123.000;48.821  
p4=-122.500;48.582  
p5=-122.350;48.500  
p6=-122.000;48.188  
p7=-121.846;48.000  
p8=-121.500;47.619  
p9=-121.411;47.500  
p10=-121.416;47.000  
p11=-121.500;46.874  
p12=-122.000;46.682  
p13=-122.500;46.792  
p14=-122.954;47.000  
p15=-123.000;47.027  
p16=-123.500;47.473  
p17=-123.531;47.500  
p18=-123.924;48.000  
p19=-124.000;48.205  
p20=-124.110;48.500  
p21=-124.000;48.751

[C2]  
gain=-4.00  
n\_point=31  
p1=-124.500;49.550  
p2=-124.000;49.600  
p3=-123.500;49.538  
p4=-123.405;49.500  
p5=-123.000;49.296  
p6=-122.500;49.039  
p7=-122.447;49.000  
p8=-122.000;48.691

p9=-121.747;48.500  
p10=-121.500;48.219  
p11=-121.299;48.000  
p12=-121.000;47.620  
p13=-120.904;47.500  
p14=-120.771;47.000  
p15=-120.867;46.500  
p16=-121.000;46.350  
p17=-121.500;46.114  
p18=-122.000;46.181  
p19=-122.500;46.339  
p20=-122.781;46.500  
p21=-123.000;46.642  
p22=-123.500;46.947  
p23=-123.574;47.000  
p24=-124.000;47.390  
p25=-124.109;47.500  
p26=-124.500;47.977  
p27=-124.520;48.000  
p28=-124.733;48.500  
p29=-124.793;49.000  
p30=-124.575;49.500  
p31=-124.500;49.550

[C3]

gain=-6.00  
n\_point=39  
p1=-125.000;49.984  
p2=-124.953;50.000  
p3=-124.500;50.082  
p4=-124.000;50.089  
p5=-123.772;50.000  
p6=-123.500;49.894  
p7=-123.000;49.680  
p8=-122.699;49.500  
p9=-122.500;49.379  
p10=-122.000;49.012  
p11=-121.984;49.000  
p12=-121.500;48.629  
p13=-121.347;48.500  
p14=-121.000;48.128  
p15=-120.886;48.000  
p16=-120.500;47.544  
p17=-120.462;47.500  
p18=-120.332;47.000  
p19=-120.325;46.500  
p20=-120.500;46.101  
p21=-120.583;46.000  
p22=-121.000;45.792  
p23=-121.500;45.740  
p24=-122.000;45.821  
p25=-122.472;46.000  
p26=-122.500;46.012  
p27=-123.000;46.306  
p28=-123.291;46.500  
p29=-123.500;46.638  
p30=-124.000;46.997

p31=-124.005;47.000  
p32=-124.497;47.500  
p33=-124.500;47.503  
p34=-124.933;48.000  
p35=-125.000;48.126  
p36=-125.203;48.500  
p37=-125.346;49.000  
p38=-125.341;49.500  
p39=-125.000;49.984

[C4]

gain=-8.00  
n\_point=47  
p1=-125.500;50.273  
p2=-125.132;50.500  
p3=-125.000;50.549  
p4=-124.500;50.594  
p5=-124.197;50.500  
p6=-124.000;50.448  
p7=-123.500;50.259  
p8=-123.000;50.009  
p9=-122.987;50.000  
p10=-122.500;49.670  
p11=-122.251;49.500  
p12=-122.000;49.308  
p13=-121.582;49.000  
p14=-121.500;48.937  
p15=-121.000;48.513  
p16=-120.985;48.500  
p17=-120.537;48.000  
p18=-120.500;47.956  
p19=-120.108;47.500  
p20=-120.000;47.183  
p21=-119.937;47.000  
p22=-119.882;46.500  
p23=-120.000;46.227  
p24=-120.110;46.000  
p25=-120.500;45.619  
p26=-120.729;45.500  
p27=-121.000;45.386  
p28=-121.500;45.412  
p29=-121.883;45.500  
p30=-122.000;45.524  
p31=-122.500;45.758  
p32=-123.000;45.994  
p33=-123.008;46.000  
p34=-123.500;46.369  
p35=-123.685;46.500  
p36=-124.000;46.742  
p37=-124.374;47.000  
p38=-124.500;47.128  
p39=-124.864;47.500  
p40=-125.000;47.654  
p41=-125.312;48.000  
p42=-125.500;48.316  
p43=-125.607;48.500  
p44=-125.800;49.000

p45=-125.838;49.500  
p46=-125.686;50.000  
p47=-125.500;50.273

[C5]

gain=-10.00  
n\_point=53  
p1=-126.000;50.527  
p2=-125.506;51.000  
p3=-125.500;51.004  
p4=-125.000;51.101  
p5=-124.500;51.019  
p6=-124.447;51.000  
p7=-124.000;50.844  
p8=-123.500;50.605  
p9=-123.352;50.500  
p10=-123.000;50.278  
p11=-122.598;50.000  
p12=-122.500;49.934  
p13=-122.000;49.582  
p14=-121.898;49.500  
p15=-121.500;49.183  
p16=-121.280;49.000  
p17=-121.000;48.754  
p18=-120.687;48.500  
p19=-120.500;48.294  
p20=-120.212;48.000  
p21=-120.000;47.757  
p22=-119.760;47.500  
p23=-119.576;47.000  
p24=-119.500;46.511  
p25=-119.498;46.500  
p26=-119.500;46.495  
p27=-119.697;46.000  
p28=-120.000;45.636  
p29=-120.139;45.500  
p30=-120.500;45.212  
p31=-121.000;45.044  
p32=-121.500;45.078  
p33=-122.000;45.260  
p34=-122.485;45.500  
p35=-122.500;45.507  
p36=-123.000;45.789  
p37=-123.323;46.000  
p38=-123.500;46.133  
p39=-124.000;46.489  
p40=-124.015;46.500  
p41=-124.500;46.860  
p42=-124.695;47.000  
p43=-125.000;47.311  
p44=-125.192;47.500  
p45=-125.500;47.835  
p46=-125.664;48.000  
p47=-125.971;48.500  
p48=-126.000;48.564  
p49=-126.204;49.000  
p50=-126.268;49.500

p51=-126.220;50.000  
p52=-126.015;50.500  
p53=-126.000;50.527

[C6]

gain=-15.00  
n\_point=69  
p1=-127.000;51.428  
p2=-126.978;51.500  
p3=-126.557;52.000  
p4=-126.500;52.041  
p5=-126.000;52.184  
p6=-125.500;52.182  
p7=-125.000;52.063  
p8=-124.826;52.000  
p9=-124.500;51.895  
p10=-124.000;51.641  
p11=-123.744;51.500  
p12=-123.500;51.339  
p13=-123.000;51.003  
p14=-122.996;51.000  
p15=-122.500;50.584  
p16=-122.411;50.500  
p17=-122.000;50.141  
p18=-121.835;50.000  
p19=-121.500;49.722  
p20=-121.216;49.500  
p21=-121.000;49.317  
p22=-120.593;49.000  
p23=-120.500;48.923  
p24=-120.000;48.544  
p25=-119.938;48.500  
p26=-119.500;48.090  
p27=-119.399;48.000  
p28=-119.000;47.590  
p29=-118.913;47.500  
p30=-118.665;47.000  
p31=-118.500;46.500  
p32=-118.500;46.500  
p33=-118.500;46.500  
p34=-118.701;46.000  
p35=-119.000;45.710  
p36=-119.182;45.500  
p37=-119.500;45.175  
p38=-119.641;45.000  
p39=-119.913;44.500  
p40=-120.000;44.380  
p41=-120.500;44.119  
p42=-121.000;44.139  
p43=-121.500;44.319  
p44=-121.904;44.500  
p45=-122.000;44.549  
p46=-122.500;44.888  
p47=-122.636;45.000  
p48=-123.000;45.267  
p49=-123.317;45.500  
p50=-123.500;45.623

p51=-124.000;45.968  
p52=-124.046;46.000  
p53=-124.500;46.350  
p54=-124.713;46.500  
p55=-125.000;46.714  
p56=-125.403;47.000  
p57=-125.500;47.095  
p58=-125.926;47.500  
p59=-126.000;47.574  
p60=-126.444;48.000  
p61=-126.500;48.081  
p62=-126.791;48.500  
p63=-127.000;48.835  
p64=-127.108;49.000  
p65=-127.230;49.500  
p66=-127.269;50.000  
p67=-127.170;50.500  
p68=-127.089;51.000  
p69=-127.000;51.428

[C7]

gain=-20.00  
n\_point=82  
p1=-125.271;53.000  
p2=-125.000;52.855  
p3=-124.500;52.535  
p4=-124.455;52.500  
p5=-124.000;52.237  
p6=-123.673;52.000  
p7=-123.500;51.893  
p8=-123.000;51.535  
p9=-122.950;51.500  
p10=-122.500;51.116  
p11=-122.356;51.000  
p12=-122.000;50.665  
p13=-121.829;50.500  
p14=-121.500;50.216  
p15=-121.248;50.000  
p16=-121.000;49.801  
p17=-120.589;49.500  
p18=-120.500;49.429  
p19=-120.000;49.063  
p20=-119.909;49.000  
p21=-119.500;48.699  
p22=-119.218;48.500  
p23=-119.000;48.303  
p24=-118.639;48.000  
p25=-118.500;47.856  
p26=-118.143;47.500  
p27=-118.000;47.256  
p28=-117.837;47.000  
p29=-117.613;46.500  
p30=-117.699;46.000  
p31=-118.000;45.591  
p32=-118.099;45.500  
p33=-118.500;45.310  
p34=-118.883;45.000

p35=-119.000;44.786  
p36=-119.132;44.500  
p37=-119.261;44.000  
p38=-119.500;43.519  
p39=-119.523;43.500  
p40=-120.000;43.355  
p41=-120.500;43.382  
p42=-121.000;43.483  
p43=-121.057;43.500  
p44=-121.500;43.709  
p45=-122.000;43.977  
p46=-122.040;44.000  
p47=-122.500;44.317  
p48=-122.770;44.500  
p49=-123.000;44.690  
p50=-123.317;45.000  
p51=-123.500;45.140  
p52=-123.924;45.500  
p53=-124.000;45.556  
p54=-124.500;45.905  
p55=-124.638;46.000  
p56=-125.000;46.265  
p57=-125.321;46.500  
p58=-125.500;46.633  
p59=-126.000;46.996  
p60=-126.005;47.000  
p61=-126.500;47.449  
p62=-126.558;47.500  
p63=-127.000;47.906  
p64=-127.107;48.000  
p65=-127.500;48.476  
p66=-127.520;48.500  
p67=-127.873;49.000  
p68=-128.000;49.344  
p69=-128.054;49.500  
p70=-128.187;50.000  
p71=-128.141;50.500  
p72=-128.098;51.000  
p73=-128.047;51.500  
p74=-128.000;51.761  
p75=-127.952;52.000  
p76=-127.701;52.500  
p77=-127.500;52.826  
p78=-127.294;53.000  
p79=-127.000;53.220  
p80=-126.500;53.338  
p81=-126.000;53.286  
p82=-125.500;53.134