

[FormatInfo]  
format\_ver=1

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

[COHeader]  
beam\_id=SPD25  
emi\_rcp=E  
polar\_disc=C  
reason=C  
n\_bore=1  
n\_cont=7

[B1]  
gain=0.00  
p=-121.633;38.411

[C1]  
gain=-2.00  
n\_point=21  
p1=-122.500;39.712  
p2=-122.000;39.765  
p3=-121.500;39.628  
p4=-121.117;39.500  
p5=-121.000;39.416  
p6=-120.728;39.000  
p7=-120.500;38.749  
p8=-120.341;38.500  
p9=-120.342;38.000  
p10=-120.500;37.696  
p11=-120.877;37.500  
p12=-121.000;37.471  
p13=-121.110;37.500  
p14=-121.500;37.623  
p15=-121.991;38.000  
p16=-122.000;38.008  
p17=-122.500;38.408  
p18=-122.574;38.500  
p19=-122.680;39.000  
p20=-122.743;39.500  
p21=-122.500;39.712

[C2]  
gain=-4.00  
n\_point=29  
p1=-123.000;40.140  
p2=-122.500;40.413  
p3=-122.000;40.286  
p4=-121.500;40.140  
p5=-121.311;40.000  
p6=-121.000;39.834  
p7=-120.557;39.500  
p8=-120.500;39.425

p9=-120.153;39.000  
p10=-120.000;38.762  
p11=-119.832;38.500  
p12=-119.757;38.000  
p13=-119.817;37.500  
p14=-120.000;37.164  
p15=-120.500;37.005  
p16=-120.524;37.000  
p17=-121.000;36.944  
p18=-121.124;37.000  
p19=-121.500;37.192  
p20=-122.000;37.418  
p21=-122.125;37.500  
p22=-122.500;37.812  
p23=-122.655;38.000  
p24=-123.000;38.394  
p25=-123.094;38.500  
p26=-123.260;39.000  
p27=-123.421;39.500  
p28=-123.166;40.000  
p29=-123.000;40.140

[C3]

gain=-6.00  
n\_point=35  
p1=-123.500;40.528  
p2=-123.000;40.812  
p3=-122.500;40.821  
p4=-122.000;40.721  
p5=-121.500;40.577  
p6=-121.384;40.500  
p7=-121.000;40.183  
p8=-120.762;40.000  
p9=-120.500;39.798  
p10=-120.085;39.500  
p11=-120.000;39.397  
p12=-119.684;39.000  
p13=-119.500;38.729  
p14=-119.363;38.500  
p15=-119.282;38.000  
p16=-119.346;37.500  
p17=-119.500;37.193  
p18=-119.604;37.000  
p19=-120.000;36.634  
p20=-120.500;36.553  
p21=-121.000;36.609  
p22=-121.500;36.844  
p23=-121.857;37.000  
p24=-122.000;37.069  
p25=-122.500;37.432  
p26=-122.596;37.500  
p27=-123.000;37.981  
p28=-123.016;38.000  
p29=-123.459;38.500  
p30=-123.500;38.616  
p31=-123.639;39.000  
p32=-123.818;39.500

p33=-123.754;40.000  
p34=-123.531;40.500  
p35=-123.500;40.528

[C4]

gain=-8.00  
n\_point=43  
p1=-124.000;40.625  
p2=-123.560;41.000  
p3=-123.500;41.032  
p4=-123.000;41.255  
p5=-122.500;41.190  
p6=-122.000;41.094  
p7=-121.840;41.000  
p8=-121.500;40.849  
p9=-121.000;40.517  
p10=-120.974;40.500  
p11=-120.500;40.127  
p12=-120.337;40.000  
p13=-120.000;39.747  
p14=-119.684;39.500  
p15=-119.500;39.277  
p16=-119.264;39.000  
p17=-119.000;38.558  
p18=-118.965;38.500  
p19=-118.857;38.000  
p20=-118.907;37.500  
p21=-119.000;37.290  
p22=-119.150;37.000  
p23=-119.500;36.517  
p24=-119.519;36.500  
p25=-120.000;36.177  
p26=-120.500;36.121  
p27=-121.000;36.299  
p28=-121.443;36.500  
p29=-121.500;36.527  
p30=-122.000;36.803  
p31=-122.244;37.000  
p32=-122.500;37.197  
p33=-122.925;37.500  
p34=-123.000;37.589  
p35=-123.361;38.000  
p36=-123.500;38.156  
p37=-123.806;38.500  
p38=-124.000;38.972  
p39=-124.011;39.000  
p40=-124.184;39.500  
p41=-124.126;40.000  
p42=-124.055;40.500  
p43=-124.000;40.625

[C5]

gain=-10.00  
n\_point=51  
p1=-124.500;39.893  
p2=-124.488;40.000  
p3=-124.387;40.500

p4=-124.160;41.000  
p5=-124.000;41.221  
p6=-123.526;41.500  
p7=-123.500;41.533  
p8=-123.000;41.703  
p9=-122.500;41.597  
p10=-122.213;41.500  
p11=-122.000;41.458  
p12=-121.500;41.116  
p13=-121.329;41.000  
p14=-121.000;40.777  
p15=-120.574;40.500  
p16=-120.500;40.442  
p17=-120.000;40.041  
p18=-119.943;40.000  
p19=-119.500;39.646  
p20=-119.306;39.500  
p21=-119.000;39.145  
p22=-118.842;39.000  
p23=-118.570;38.500  
p24=-118.500;38.189  
p25=-118.440;38.000  
p26=-118.500;37.698  
p27=-118.527;37.500  
p28=-118.765;37.000  
p29=-119.000;36.666  
p30=-119.127;36.500  
p31=-119.355;36.000  
p32=-119.500;35.791  
p33=-120.000;35.735  
p34=-120.500;35.764  
p35=-120.996;36.000  
p36=-121.000;36.002  
p37=-121.500;36.250  
p38=-121.897;36.500  
p39=-122.000;36.558  
p40=-122.500;36.968  
p41=-122.543;37.000  
p42=-123.000;37.342  
p43=-123.249;37.500  
p44=-123.500;37.782  
p45=-123.684;38.000  
p46=-124.000;38.351  
p47=-124.127;38.500  
p48=-124.334;39.000  
p49=-124.500;39.402  
p50=-124.539;39.500  
p51=-124.500;39.893

[C6]

gain=-15.00  
n\_point=77  
p1=-125.000;40.847  
p2=-124.912;41.000  
p3=-124.678;41.500  
p4=-124.619;42.000  
p5=-124.685;42.500

p6=-124.616;43.000  
p7=-124.504;43.500  
p8=-124.500;43.509  
p9=-124.000;43.738  
p10=-123.500;43.788  
p11=-123.000;43.568  
p12=-122.910;43.500  
p13=-122.500;43.191  
p14=-122.239;43.000  
p15=-122.000;42.759  
p16=-121.765;42.500  
p17=-121.500;42.024  
p18=-121.494;42.000  
p19=-121.126;41.500  
p20=-121.000;41.413  
p21=-120.560;41.000  
p22=-120.500;40.956  
p23=-120.000;40.575  
p24=-119.828;40.500  
p25=-119.500;40.246  
p26=-119.029;40.000  
p27=-119.000;39.978  
p28=-118.500;39.845  
p29=-118.000;39.680  
p30=-117.794;39.500  
p31=-117.500;39.240  
p32=-117.294;39.000  
p33=-117.040;38.500  
p34=-117.000;38.388  
p35=-116.877;38.000  
p36=-116.910;37.500  
p37=-117.000;37.325  
p38=-117.500;37.120  
p39=-117.725;37.000  
p40=-118.000;36.909  
p41=-118.338;36.500  
p42=-118.466;36.000  
p43=-118.500;35.532  
p44=-118.505;35.500  
p45=-118.536;35.000  
p46=-118.500;34.777  
p47=-118.450;34.500  
p48=-118.500;34.415  
p49=-118.970;34.000  
p50=-119.000;33.990  
p51=-119.069;34.000  
p52=-119.500;34.085  
p53=-120.000;34.252  
p54=-120.374;34.500  
p55=-120.500;34.657  
p56=-120.768;35.000  
p57=-121.000;35.213  
p58=-121.248;35.500  
p59=-121.500;35.646  
p60=-121.902;36.000  
p61=-122.000;36.073  
p62=-122.500;36.474

p63=-122.538;36.500  
p64=-123.000;36.847  
p65=-123.248;37.000  
p66=-123.500;37.163  
p67=-123.998;37.500  
p68=-124.000;37.502  
p69=-124.433;38.000  
p70=-124.500;38.078  
p71=-124.859;38.500  
p72=-125.000;38.792  
p73=-125.150;39.000  
p74=-125.309;39.500  
p75=-125.343;40.000  
p76=-125.244;40.500  
p77=-125.000;40.847

[C7]

gain=-20.00  
n\_point=97  
p1=-127.000;40.310  
p2=-126.500;40.386  
p3=-126.330;40.500  
p4=-126.000;40.799  
p5=-125.880;41.000  
p6=-125.500;41.212  
p7=-125.244;41.500  
p8=-125.209;42.000  
p9=-125.500;42.498  
p10=-125.501;42.500  
p11=-125.788;43.000  
p12=-125.828;43.500  
p13=-125.897;44.000  
p14=-125.500;44.416  
p15=-125.421;44.500  
p16=-125.000;44.797  
p17=-124.500;44.860  
p18=-124.000;44.907  
p19=-123.500;44.699  
p20=-123.102;44.500  
p21=-123.000;44.450  
p22=-122.500;44.192  
p23=-122.341;44.000  
p24=-122.000;43.709  
p25=-121.832;43.500  
p26=-121.500;43.137  
p27=-121.368;43.000  
p28=-121.081;42.500  
p29=-121.000;42.310  
p30=-120.921;42.000  
p31=-120.742;41.500  
p32=-120.500;41.265  
p33=-120.178;41.000  
p34=-120.000;40.858  
p35=-119.500;40.600  
p36=-119.000;40.539  
p37=-118.500;40.580  
p38=-118.182;40.500

p39=-118.000;40.448  
p40=-117.500;40.076  
p41=-117.372;40.000  
p42=-117.000;39.665  
p43=-116.719;39.500  
p44=-116.500;39.266  
p45=-116.038;39.000  
p46=-116.000;38.944  
p47=-115.721;38.500  
p48=-115.536;38.000  
p49=-115.941;37.500  
p50=-116.000;37.445  
p51=-116.140;37.000  
p52=-116.500;36.540  
p53=-116.601;36.500  
p54=-117.000;36.421  
p55=-117.500;36.474  
p56=-117.955;36.000  
p57=-117.995;35.500  
p58=-117.906;35.000  
p59=-117.725;34.500  
p60=-117.748;34.000  
p61=-118.000;33.514  
p62=-118.015;33.500  
p63=-118.332;33.000  
p64=-118.500;32.865  
p65=-118.918;33.000  
p66=-119.000;33.023  
p67=-119.500;33.177  
p68=-119.891;33.500  
p69=-120.000;33.563  
p70=-120.500;33.884  
p71=-120.653;34.000  
p72=-121.000;34.242  
p73=-121.346;34.500  
p74=-121.500;34.832  
p75=-121.563;35.000  
p76=-121.846;35.500  
p77=-122.000;35.640  
p78=-122.439;36.000  
p79=-122.500;36.049  
p80=-123.000;36.381  
p81=-123.237;36.500  
p82=-123.500;36.648  
p83=-124.000;36.968  
p84=-124.074;37.000  
p85=-124.500;37.252  
p86=-125.000;37.361  
p87=-125.500;37.477  
p88=-125.523;37.500  
p89=-126.000;37.941  
p90=-126.053;38.000  
p91=-126.415;38.500  
p92=-126.500;38.594  
p93=-126.757;39.000  
p94=-126.999;39.500  
p95=-127.000;39.502

p96=-127.123;40.000  
p97=-127.000;40.310