

[FormatInfo]  
format\_ver=1

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

[COHeader]  
beam\_id=SPD12  
emi\_rcp=E  
polar\_disc=C  
reason=C  
n\_bore=1  
n\_cont=7

[B1]  
gain=0.00  
p=-123.239;47.710

[C1]  
gain=-2.00  
n\_point=29  
p1=-124.500;49.050  
p2=-124.000;49.275  
p3=-123.500;49.225  
p4=-123.000;49.147  
p5=-122.690;49.000  
p6=-122.500;48.873  
p7=-122.100;48.500  
p8=-122.000;48.411  
p9=-121.582;48.000  
p10=-121.500;47.907  
p11=-121.123;47.500  
p12=-121.000;47.072  
p13=-120.980;47.000  
p14=-120.842;46.500  
p15=-121.000;46.155  
p16=-121.500;46.094  
p17=-122.000;46.101  
p18=-122.500;46.284  
p19=-122.880;46.500  
p20=-123.000;46.621  
p21=-123.389;47.000  
p22=-123.500;47.108  
p23=-123.917;47.500  
p24=-124.000;47.626  
p25=-124.270;48.000  
p26=-124.390;48.500  
p27=-124.500;48.909  
p28=-124.524;49.000  
p29=-124.500;49.050

[C2]  
gain=-4.00  
n\_point=43

p1=-125.500;49.026  
p2=-125.316;49.500  
p3=-125.000;49.956  
p4=-124.688;50.000  
p5=-124.500;50.012  
p6=-124.388;50.000  
p7=-124.000;49.960  
p8=-123.500;49.908  
p9=-123.000;49.644  
p10=-122.760;49.500  
p11=-122.500;49.343  
p12=-122.000;49.046  
p13=-121.921;49.000  
p14=-121.500;48.622  
p15=-121.382;48.500  
p16=-121.000;48.125  
p17=-120.898;48.000  
p18=-120.500;47.590  
p19=-120.423;47.500  
p20=-120.288;47.000  
p21=-120.086;46.500  
p22=-120.203;46.000  
p23=-120.500;45.571  
p24=-120.695;45.500  
p25=-121.000;45.442  
p26=-121.500;45.446  
p27=-121.724;45.500  
p28=-122.000;45.559  
p29=-122.500;45.833  
p30=-122.807;46.000  
p31=-123.000;46.115  
p32=-123.500;46.398  
p33=-123.644;46.500  
p34=-124.000;46.844  
p35=-124.137;47.000  
p36=-124.500;47.378  
p37=-124.612;47.500  
p38=-125.000;47.999  
p39=-125.001;48.000  
p40=-125.209;48.500  
p41=-125.500;48.991  
p42=-125.505;49.000  
p43=-125.500;49.026

[C3]

gain=-6.00  
n\_point=51  
p1=-126.000;49.944  
p2=-125.967;50.000  
p3=-125.661;50.500  
p4=-125.500;50.619  
p5=-125.000;50.688  
p6=-124.500;50.656  
p7=-124.000;50.584  
p8=-123.829;50.500  
p9=-123.500;50.348  
p10=-123.000;50.051

p11=-122.916;50.000  
p12=-122.500;49.748  
p13=-122.083;49.500  
p14=-122.000;49.451  
p15=-121.500;49.117  
p16=-121.352;49.000  
p17=-121.000;48.640  
p18=-120.861;48.500  
p19=-120.500;48.078  
p20=-120.431;48.000  
p21=-120.000;47.500  
p22=-120.000;47.499  
p23=-119.792;47.000  
p24=-119.602;46.500  
p25=-119.550;46.000  
p26=-119.845;45.500  
p27=-120.000;45.264  
p28=-120.245;45.000  
p29=-120.500;44.905  
p30=-121.000;44.912  
p31=-121.500;44.936  
p32=-121.657;45.000  
p33=-122.000;45.170  
p34=-122.500;45.431  
p35=-122.640;45.500  
p36=-123.000;45.700  
p37=-123.479;46.000  
p38=-123.500;46.013  
p39=-124.000;46.400  
p40=-124.137;46.500  
p41=-124.500;46.908  
p42=-124.588;47.000  
p43=-125.000;47.447  
p44=-125.050;47.500  
p45=-125.468;48.000  
p46=-125.500;48.064  
p47=-125.722;48.500  
p48=-125.989;49.000  
p49=-126.000;49.041  
p50=-126.126;49.500  
p51=-126.000;49.944

[C4]

gain=-8.00  
n\_point=57  
p1=-126.500;50.617  
p2=-126.115;51.000  
p3=-126.000;51.110  
p4=-125.500;51.254  
p5=-125.000;51.248  
p6=-124.500;51.199  
p7=-124.000;51.014  
p8=-123.975;51.000  
p9=-123.500;50.745  
p10=-123.084;50.500  
p11=-123.000;50.450  
p12=-122.500;50.150

p13=-122.302;50.000  
p14=-122.000;49.803  
p15=-121.617;49.500  
p16=-121.500;49.419  
p17=-121.000;49.022  
p18=-120.972;49.000  
p19=-120.500;48.525  
p20=-120.473;48.500  
p21=-120.033;48.000  
p22=-120.000;47.962  
p23=-119.590;47.500  
p24=-119.500;47.296  
p25=-119.366;47.000  
p26=-119.172;46.500  
p27=-119.096;46.000  
p28=-119.265;45.500  
p29=-119.500;45.023  
p30=-119.516;45.000  
p31=-120.000;44.625  
p32=-120.500;44.536  
p33=-121.000;44.533  
p34=-121.500;44.629  
p35=-122.000;44.842  
p36=-122.366;45.000  
p37=-122.500;45.072  
p38=-123.000;45.357  
p39=-123.197;45.500  
p40=-123.500;45.722  
p41=-123.860;46.000  
p42=-124.000;46.109  
p43=-124.500;46.476  
p44=-124.535;46.500  
p45=-125.000;46.988  
p46=-125.012;47.000  
p47=-125.489;47.500  
p48=-125.500;47.513  
p49=-125.938;48.000  
p50=-126.000;48.121  
p51=-126.195;48.500  
p52=-126.465;49.000  
p53=-126.500;49.120  
p54=-126.616;49.500  
p55=-126.628;50.000  
p56=-126.581;50.500  
p57=-126.500;50.617

[C5]

gain=-10.00  
n\_point=65  
p1=-127.000;51.028  
p2=-126.538;51.500  
p3=-126.500;51.558  
p4=-126.000;51.819  
p5=-125.500;51.848  
p6=-125.000;51.864  
p7=-124.500;51.677  
p8=-124.170;51.500

p9=-124.000;51.415  
p10=-123.500;51.148  
p11=-123.244;51.000  
p12=-123.000;50.862  
p13=-122.500;50.539  
p14=-122.457;50.500  
p15=-122.000;50.119  
p16=-121.862;50.000  
p17=-121.500;49.696  
p18=-121.253;49.500  
p19=-121.000;49.295  
p20=-120.614;49.000  
p21=-120.500;48.885  
p22=-120.090;48.500  
p23=-120.000;48.398  
p24=-119.630;48.000  
p25=-119.500;47.854  
p26=-119.132;47.500  
p27=-119.000;47.162  
p28=-118.921;47.000  
p29=-118.708;46.500  
p30=-118.658;46.000  
p31=-118.820;45.500  
p32=-118.969;45.000  
p33=-119.000;44.969  
p34=-119.500;44.581  
p35=-119.600;44.500  
p36=-120.000;44.196  
p37=-120.500;44.162  
p38=-121.000;44.147  
p39=-121.500;44.332  
p40=-121.884;44.500  
p41=-122.000;44.551  
p42=-122.500;44.770  
p43=-122.878;45.000  
p44=-123.000;45.073  
p45=-123.500;45.443  
p46=-123.580;45.500  
p47=-124.000;45.828  
p48=-124.233;46.000  
p49=-124.500;46.199  
p50=-124.929;46.500  
p51=-125.000;46.575  
p52=-125.431;47.000  
p53=-125.500;47.072  
p54=-125.915;47.500  
p55=-126.000;47.593  
p56=-126.390;48.000  
p57=-126.500;48.203  
p58=-126.664;48.500  
p59=-126.943;49.000  
p60=-127.000;49.171  
p61=-127.117;49.500  
p62=-127.104;50.000  
p63=-127.146;50.500  
p64=-127.018;51.000  
p65=-127.000;51.028

[C6]

gain=-15.00  
n\_point=81  
p1=-128.293;53.500  
p2=-128.128;53.000  
p3=-128.000;52.527  
p4=-127.993;52.500  
p5=-128.000;52.455  
p6=-128.037;52.000  
p7=-128.026;51.500  
p8=-128.185;51.000  
p9=-128.357;50.500  
p10=-128.400;50.000  
p11=-128.419;49.500  
p12=-128.142;49.000  
p13=-128.000;48.790  
p14=-127.820;48.500  
p15=-127.500;48.034  
p16=-127.479;48.000  
p17=-127.000;47.551  
p18=-126.947;47.500  
p19=-126.500;47.066  
p20=-126.433;47.000  
p21=-126.000;46.623  
p22=-125.868;46.500  
p23=-125.500;46.245  
p24=-125.155;46.000  
p25=-125.000;45.890  
p26=-124.500;45.529  
p27=-124.461;45.500  
p28=-124.000;45.179  
p29=-123.754;45.000  
p30=-123.500;44.827  
p31=-123.022;44.500  
p32=-123.000;44.485  
p33=-122.500;44.141  
p34=-122.244;44.000  
p35=-122.000;43.745  
p36=-121.634;43.500  
p37=-121.500;43.390  
p38=-121.000;43.059  
p39=-120.905;43.000  
p40=-120.500;42.752  
p41=-120.000;42.646  
p42=-119.500;42.692  
p43=-119.219;43.000  
p44=-119.139;43.500  
p45=-119.000;43.856  
p46=-118.948;44.000  
p47=-118.500;44.473  
p48=-118.476;44.500  
p49=-118.000;44.952  
p50=-117.846;45.000  
p51=-117.500;45.278  
p52=-117.287;45.500  
p53=-117.116;46.000

p54=-117.290;46.500  
p55=-117.500;46.969  
p56=-117.515;47.000  
p57=-117.823;47.500  
p58=-118.000;47.682  
p59=-118.331;48.000  
p60=-118.500;48.170  
p61=-118.847;48.500  
p62=-119.000;48.611  
p63=-119.500;48.976  
p64=-119.532;49.000  
p65=-120.000;49.273  
p66=-120.377;49.500  
p67=-120.500;49.572  
p68=-121.000;49.943  
p69=-121.070;50.000  
p70=-121.500;50.379  
p71=-121.639;50.500  
p72=-122.000;50.850  
p73=-122.164;51.000  
p74=-122.500;51.309  
p75=-122.723;51.500  
p76=-123.000;51.764  
p77=-123.269;52.000  
p78=-123.500;52.245  
p79=-123.757;52.500  
p80=-124.000;52.748  
p81=-124.295;53.000

[C7]

gain=-20.00  
n\_point=100  
p1=-129.730;53.500  
p2=-129.500;53.183  
p3=-129.379;53.000  
p4=-129.023;52.500  
p5=-129.000;52.428  
p6=-128.850;52.000  
p7=-128.949;51.500  
p8=-129.000;51.442  
p9=-129.500;51.140  
p10=-129.760;51.000  
p11=-129.894;50.500  
p12=-130.000;50.109  
p13=-130.035;50.000  
p14=-130.076;49.500  
p15=-130.000;49.401  
p16=-129.682;49.000  
p17=-129.500;48.739  
p18=-129.321;48.500  
p19=-129.000;48.083  
p20=-128.931;48.000  
p21=-128.500;47.614  
p22=-128.360;47.500  
p23=-128.000;47.204  
p24=-127.756;47.000  
p25=-127.500;46.845

p26=-127.000;46.509  
p27=-126.987;46.500  
p28=-126.500;46.234  
p29=-126.100;46.000  
p30=-126.000;45.943  
p31=-125.500;45.600  
p32=-125.360;45.500  
p33=-125.000;45.267  
p34=-124.607;45.000  
p35=-124.500;44.931  
p36=-124.000;44.596  
p37=-123.860;44.500  
p38=-123.500;44.243  
p39=-123.140;44.000  
p40=-123.000;43.813  
p41=-122.742;43.500  
p42=-122.500;43.198  
p43=-122.325;43.000  
p44=-122.000;42.732  
p45=-121.738;42.500  
p46=-121.500;42.321  
p47=-121.074;42.000  
p48=-121.000;41.941  
p49=-120.500;41.645  
p50=-120.284;41.500  
p51=-120.000;41.381  
p52=-119.500;41.206  
p53=-119.000;41.179  
p54=-118.500;41.178  
p55=-118.005;41.500  
p56=-118.000;41.528  
p57=-117.955;42.000  
p58=-117.936;42.500  
p59=-118.000;42.729  
p60=-118.102;43.000  
p61=-118.261;43.500  
p62=-118.127;44.000  
p63=-118.000;44.140  
p64=-117.500;44.419  
p65=-117.000;44.384  
p66=-116.500;44.375  
p67=-116.332;44.500  
p68=-116.050;45.000  
p69=-116.000;45.275  
p70=-115.948;45.500  
p71=-115.847;46.000  
p72=-116.000;46.336  
p73=-116.070;46.500  
p74=-116.306;47.000  
p75=-116.500;47.274  
p76=-116.650;47.500  
p77=-117.000;47.855  
p78=-117.139;48.000  
p79=-117.500;48.371  
p80=-117.627;48.500  
p81=-118.000;48.758  
p82=-118.322;49.000



p83=-118.500;49.115  
p84=-119.000;49.457  
p85=-119.071;49.500  
p86=-119.500;49.775  
p87=-119.897;50.000  
p88=-120.000;50.058  
p89=-120.500;50.373  
p90=-120.682;50.500  
p91=-121.000;50.739  
p92=-121.272;51.000  
p93=-121.500;51.199  
p94=-121.808;51.500  
p95=-122.000;51.702  
p96=-122.290;52.000  
p97=-122.500;52.263  
p98=-122.712;52.500  
p99=-123.000;52.830  
p100=-123.159;53.000