

[FormatInfo]  
format\_ver=1

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

[COHeader]  
beam\_id=SPD16  
emi\_rcp=E  
polar\_disc=C  
reason=C  
n\_bore=1  
n\_cont=7

[B1]  
gain=0.00  
p=-104.700;39.827

[C1]  
gain=-2.00  
n\_point=17  
p1=-105.500;40.583  
p2=-105.000;40.738  
p3=-104.702;40.500  
p4=-104.500;40.354  
p5=-104.226;40.000  
p6=-104.101;39.500  
p7=-104.137;39.000  
p8=-104.416;38.500  
p9=-104.500;38.425  
p10=-104.823;38.500  
p11=-105.000;38.563  
p12=-105.500;38.779  
p13=-105.637;39.000  
p14=-105.767;39.500  
p15=-105.840;40.000  
p16=-105.574;40.500  
p17=-105.500;40.583

[C2]  
gain=-4.00  
n\_point=25  
p1=-106.000;41.056  
p2=-105.500;41.214  
p3=-105.000;41.284  
p4=-104.505;41.000  
p5=-104.500;40.996  
p6=-104.027;40.500  
p7=-104.000;40.465  
p8=-103.765;40.000  
p9=-103.640;39.500  
p10=-103.630;39.000  
p11=-103.844;38.500  
p12=-104.000;38.328

p13=-104.372;38.000  
p14=-104.500;37.933  
p15=-104.927;38.000  
p16=-105.000;38.017  
p17=-105.500;38.262  
p18=-105.700;38.500  
p19=-106.000;38.950  
p20=-106.036;39.000  
p21=-106.203;39.500  
p22=-106.295;40.000  
p23=-106.178;40.500  
p24=-106.043;41.000  
p25=-106.000;41.056

[C3]

gain=-6.00  
n\_point=31  
p1=-106.500;40.715  
p2=-106.418;41.000  
p3=-106.033;41.500  
p4=-106.000;41.542  
p5=-105.500;41.622  
p6=-105.000;41.667  
p7=-104.771;41.500  
p8=-104.500;41.320  
p9=-104.000;41.018  
p10=-103.984;41.000  
p11=-103.690;40.500  
p12=-103.500;40.168  
p13=-103.419;40.000  
p14=-103.312;39.500  
p15=-103.299;39.000  
p16=-103.406;38.500  
p17=-103.500;38.299  
p18=-103.772;38.000  
p19=-104.000;37.847  
p20=-104.500;37.588  
p21=-105.000;37.670  
p22=-105.500;37.897  
p23=-105.620;38.000  
p24=-106.000;38.446  
p25=-106.043;38.500  
p26=-106.416;39.000  
p27=-106.500;39.242  
p28=-106.555;39.500  
p29=-106.628;40.000  
p30=-106.548;40.500  
p31=-106.500;40.715

[C4]

gain=-8.00  
n\_point=35  
p1=-106.500;41.322  
p2=-106.359;41.500  
p3=-106.000;41.960  
p4=-105.733;42.000  
p5=-105.500;42.022

p6=-105.000;42.013  
p7=-104.975;42.000  
p8=-104.500;41.640  
p9=-104.293;41.500  
p10=-104.000;41.314  
p11=-103.712;41.000  
p12=-103.500;40.673  
p13=-103.391;40.500  
p14=-103.146;40.000  
p15=-103.033;39.500  
p16=-103.023;39.000  
p17=-103.139;38.500  
p18=-103.376;38.000  
p19=-103.500;37.854  
p20=-103.996;37.500  
p21=-104.000;37.498  
p22=-104.500;37.315  
p23=-105.000;37.374  
p24=-105.266;37.500  
p25=-105.500;37.622  
p26=-105.940;38.000  
p27=-106.000;38.070  
p28=-106.345;38.500  
p29=-106.500;38.699  
p30=-106.661;39.000  
p31=-106.788;39.500  
p32=-106.894;40.000  
p33=-106.838;40.500  
p34=-106.755;41.000  
p35=-106.500;41.322

[C5]

gain=-10.00  
n\_point=39  
p1=-107.000;41.105  
p2=-106.687;41.500  
p3=-106.500;41.756  
p4=-106.313;42.000  
p5=-106.000;42.243  
p6=-105.500;42.285  
p7=-105.000;42.236  
p8=-104.559;42.000  
p9=-104.500;41.956  
p10=-104.000;41.597  
p11=-103.922;41.500  
p12=-103.500;41.049  
p13=-103.448;41.000  
p14=-103.128;40.500  
p15=-103.000;40.245  
p16=-102.855;40.000  
p17=-102.733;39.500  
p18=-102.730;39.000  
p19=-102.862;38.500  
p20=-103.000;38.243  
p21=-103.118;38.000  
p22=-103.500;37.551  
p23=-103.571;37.500

p24=-104.000;37.255  
p25=-104.500;37.066  
p26=-105.000;37.122  
p27=-105.500;37.387  
p28=-105.650;37.500  
p29=-106.000;37.808  
p30=-106.197;38.000  
p31=-106.500;38.361  
p32=-106.592;38.500  
p33=-106.868;39.000  
p34=-107.000;39.437  
p35=-107.020;39.500  
p36=-107.132;40.000  
p37=-107.095;40.500  
p38=-107.054;41.000  
p39=-107.000;41.105

[C6]

gain=-15.00  
n\_point=51  
p1=-107.500;41.162  
p2=-107.323;41.500  
p3=-107.054;42.000  
p4=-107.000;42.081  
p5=-106.625;42.500  
p6=-106.500;42.637  
p7=-106.000;42.902  
p8=-105.500;42.934  
p9=-105.000;42.781  
p10=-104.533;42.500  
p11=-104.500;42.481  
p12=-104.000;42.188  
p13=-103.826;42.000  
p14=-103.500;41.610  
p15=-103.397;41.500  
p16=-103.000;41.125  
p17=-102.738;41.000  
p18=-102.500;40.735  
p19=-102.302;40.500  
p20=-102.030;40.000  
p21=-102.000;39.879  
p22=-101.908;39.500  
p23=-101.891;39.000  
p24=-101.994;38.500  
p25=-102.000;38.490  
p26=-102.435;38.000  
p27=-102.500;37.963  
p28=-102.864;37.500  
p29=-103.000;37.389  
p30=-103.500;37.036  
p31=-103.556;37.000  
p32=-104.000;36.527  
p33=-104.070;36.500  
p34=-104.500;36.312  
p35=-105.000;36.343  
p36=-105.122;36.500  
p37=-105.500;36.834

p38=-105.629;37.000  
p39=-106.000;37.292  
p40=-106.256;37.500  
p41=-106.500;37.739  
p42=-106.712;38.000  
p43=-107.000;38.416  
p44=-107.077;38.500  
p45=-107.398;39.000  
p46=-107.500;39.329  
p47=-107.590;39.500  
p48=-107.762;40.000  
p49=-107.674;40.500  
p50=-107.600;41.000  
p51=-107.500;41.162

[C7]

gain=-20.00  
n\_point=79  
p1=-108.500;41.015  
p2=-108.000;41.270  
p3=-107.845;41.500  
p4=-107.593;42.000  
p5=-107.500;42.245  
p6=-107.360;42.500  
p7=-107.000;42.889  
p8=-106.899;43.000  
p9=-106.811;43.500  
p10=-107.000;43.957  
p11=-107.024;44.000  
p12=-107.109;44.500  
p13=-107.000;44.595  
p14=-106.500;44.963  
p15=-106.316;45.000  
p16=-106.000;45.071  
p17=-105.500;45.013  
p18=-105.479;45.000  
p19=-105.000;44.729  
p20=-104.500;44.505  
p21=-104.494;44.500  
p22=-104.482;44.000  
p23=-104.500;43.973  
p24=-104.724;43.500  
p25=-104.533;43.000  
p26=-104.500;42.979  
p27=-104.000;42.709  
p28=-103.727;42.500  
p29=-103.500;42.242  
p30=-103.350;42.000  
p31=-103.000;41.628  
p32=-102.500;41.556  
p33=-102.227;41.500  
p34=-102.000;41.432  
p35=-101.688;41.000  
p36=-101.500;40.666  
p37=-101.410;40.500  
p38=-101.192;40.000  
p39=-101.076;39.500

p40=-101.053;39.000  
p41=-101.107;38.500  
p42=-101.269;38.000  
p43=-101.468;37.500  
p44=-101.500;37.443  
p45=-102.000;37.324  
p46=-102.500;37.254  
p47=-102.818;37.000  
p48=-103.000;36.782  
p49=-103.265;36.500  
p50=-103.383;36.000  
p51=-103.500;35.607  
p52=-103.540;35.500  
p53=-103.500;35.138  
p54=-103.487;35.000  
p55=-103.500;34.992  
p56=-104.000;34.686  
p57=-104.500;34.728  
p58=-105.000;34.848  
p59=-105.237;35.000  
p60=-105.500;35.455  
p61=-105.524;35.500  
p62=-105.758;36.000  
p63=-105.833;36.500  
p64=-106.000;36.724  
p65=-106.197;37.000  
p66=-106.500;37.241  
p67=-106.755;37.500  
p68=-107.000;37.808  
p69=-107.226;38.000  
p70=-107.500;38.303  
p71=-107.867;38.500  
p72=-108.000;38.606  
p73=-108.282;39.000  
p74=-108.500;39.397  
p75=-108.520;39.500  
p76=-108.582;40.000  
p77=-108.558;40.500  
p78=-108.511;41.000  
p79=-108.500;41.015