

[FormatInfo]  
format\_ver=1

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

[COHeader]  
beam\_id=RU6  
emi\_rcp=R  
polar\_disc=C  
reason=C  
n\_bore=1  
n\_cont=7

[B1]  
gain=0.00  
p=-88.790;45.656

[C1]  
gain=-2.00  
n\_point=39  
p1=-86.500;47.428  
p2=-86.289;47.000  
p3=-86.114;46.500  
p4=-86.101;46.000  
p5=-86.155;45.500  
p6=-86.308;45.000  
p7=-86.500;44.649  
p8=-86.593;44.500  
p9=-86.956;44.000  
p10=-87.000;43.956  
p11=-87.500;43.599  
p12=-87.706;43.500  
p13=-88.000;43.383  
p14=-88.500;43.273  
p15=-89.000;43.285  
p16=-89.500;43.442  
p17=-89.606;43.500  
p18=-90.000;43.773  
p19=-90.233;44.000  
p20=-90.500;44.448  
p21=-90.524;44.500  
p22=-90.687;45.000  
p23=-90.745;45.500  
p24=-90.688;46.000  
p25=-90.580;46.500  
p26=-90.500;46.668  
p27=-90.310;47.000  
p28=-90.000;47.457  
p29=-89.956;47.500  
p30=-89.500;47.842  
p31=-89.215;48.000  
p32=-89.000;48.101  
p33=-88.500;48.243

p34=-88.000;48.240  
p35=-87.500;48.149  
p36=-87.131;48.000  
p37=-87.000;47.933  
p38=-86.550;47.500  
p39=-86.500;47.428

[C2]

gain=-4.00  
n\_point=55  
p1=-85.500;48.030  
p2=-85.482;48.000  
p3=-85.255;47.500  
p4=-85.131;47.000  
p5=-85.049;46.500  
p6=-85.083;46.000  
p7=-85.165;45.500  
p8=-85.295;45.000  
p9=-85.500;44.515  
p10=-85.507;44.500  
p11=-85.804;44.000  
p12=-86.000;43.752  
p13=-86.221;43.500  
p14=-86.500;43.235  
p15=-86.792;43.000  
p16=-87.000;42.855  
p17=-87.500;42.590  
p18=-87.730;42.500  
p19=-88.000;42.417  
p20=-88.500;42.330  
p21=-89.000;42.343  
p22=-89.500;42.431  
p23=-89.710;42.500  
p24=-90.000;42.631  
p25=-90.500;42.959  
p26=-90.543;43.000  
p27=-91.000;43.489  
p28=-91.008;43.500  
p29=-91.317;44.000  
p30=-91.500;44.488  
p31=-91.504;44.500  
p32=-91.623;45.000  
p33=-91.677;45.500  
p34=-91.653;46.000  
p35=-91.594;46.500  
p36=-91.500;46.813  
p37=-91.430;47.000  
p38=-91.187;47.500  
p39=-91.000;47.792  
p40=-90.846;48.000  
p41=-90.500;48.382  
p42=-90.369;48.500  
p43=-90.000;48.799  
p44=-89.661;49.000  
p45=-89.500;49.079  
p46=-89.000;49.277  
p47=-88.500;49.374

p48=-88.000;49.408  
p49=-87.500;49.384  
p50=-87.000;49.241  
p51=-86.500;49.020  
p52=-86.466;49.000  
p53=-86.000;48.646  
p54=-85.865;48.500  
p55=-85.500;48.030

[C3]

gain=-6.00  
n\_point=67  
p1=-84.500;47.944  
p2=-84.362;47.500  
p3=-84.297;47.000  
p4=-84.260;46.500  
p5=-84.296;46.000  
p6=-84.374;45.500  
p7=-84.500;45.002  
p8=-84.501;45.000  
p9=-84.721;44.500  
p10=-84.965;44.000  
p11=-85.000;43.944  
p12=-85.305;43.500  
p13=-85.500;43.271  
p14=-85.758;43.000  
p15=-86.000;42.770  
p16=-86.313;42.500  
p17=-86.500;42.371  
p18=-87.000;42.097  
p19=-87.224;42.000  
p20=-87.500;41.895  
p21=-88.000;41.756  
p22=-88.500;41.686  
p23=-89.000;41.694  
p24=-89.500;41.769  
p25=-90.000;41.912  
p26=-90.203;42.000  
p27=-90.500;42.148  
p28=-91.000;42.499  
p29=-91.001;42.500  
p30=-91.441;43.000  
p31=-91.500;43.078  
p32=-91.777;43.500  
p33=-92.000;43.898  
p34=-92.051;44.000  
p35=-92.204;44.500  
p36=-92.323;45.000  
p37=-92.385;45.500  
p38=-92.375;46.000  
p39=-92.333;46.500  
p40=-92.208;47.000  
p41=-92.042;47.500  
p42=-92.000;47.597  
p43=-91.800;48.000  
p44=-91.500;48.465  
p45=-91.473;48.500

p46=-91.040;49.000  
p47=-91.000;49.037  
p48=-90.500;49.452  
p49=-90.426;49.500  
p50=-90.000;49.765  
p51=-89.539;50.000  
p52=-89.500;50.016  
p53=-89.000;50.178  
p54=-88.500;50.264  
p55=-88.000;50.313  
p56=-87.500;50.293  
p57=-87.000;50.206  
p58=-86.500;50.070  
p59=-86.343;50.000  
p60=-86.000;49.814  
p61=-85.580;49.500  
p62=-85.500;49.432  
p63=-85.079;49.000  
p64=-85.000;48.894  
p65=-84.750;48.500  
p66=-84.520;48.000  
p67=-84.500;47.944

[C4]

gain=-8.00  
n\_point=77  
p1=-84.000;48.709  
p2=-83.906;48.500  
p3=-83.745;48.000  
p4=-83.623;47.500  
p5=-83.579;47.000  
p6=-83.566;46.500  
p7=-83.621;46.000  
p8=-83.713;45.500  
p9=-83.832;45.000  
p10=-84.000;44.554  
p11=-84.022;44.500  
p12=-84.266;44.000  
p13=-84.500;43.604  
p14=-84.565;43.500  
p15=-84.945;43.000  
p16=-85.000;42.937  
p17=-85.423;42.500  
p18=-85.500;42.434  
p19=-86.000;42.042  
p20=-86.061;42.000  
p21=-86.500;41.741  
p22=-87.000;41.502  
p23=-87.005;41.500  
p24=-87.500;41.330  
p25=-88.000;41.202  
p26=-88.500;41.145  
p27=-89.000;41.150  
p28=-89.500;41.216  
p29=-90.000;41.344  
p30=-90.383;41.500  
p31=-90.500;41.553

p32=-91.000;41.869  
p33=-91.173;42.000  
p34=-91.500;42.280  
p35=-91.724;42.500  
p36=-92.000;42.856  
p37=-92.100;43.000  
p38=-92.403;43.500  
p39=-92.500;43.686  
p40=-92.644;44.000  
p41=-92.793;44.500  
p42=-92.915;45.000  
p43=-92.988;45.500  
p44=-92.998;46.000  
p45=-92.977;46.500  
p46=-92.878;47.000  
p47=-92.739;47.500  
p48=-92.547;48.000  
p49=-92.500;48.093  
p50=-92.275;48.500  
p51=-92.000;48.946  
p52=-91.962;49.000  
p53=-91.507;49.500  
p54=-91.500;49.508  
p55=-91.000;49.964  
p56=-90.956;50.000  
p57=-90.500;50.307  
p58=-90.116;50.500  
p59=-90.000;50.558  
p60=-89.500;50.776  
p61=-89.000;50.933  
p62=-88.665;51.000  
p63=-88.500;51.029  
p64=-88.000;51.086  
p65=-87.500;51.070  
p66=-87.000;51.020  
p67=-86.899;51.000  
p68=-86.500;50.905  
p69=-86.000;50.696  
p70=-85.627;50.500  
p71=-85.500;50.429  
p72=-85.000;50.084  
p73=-84.907;50.000  
p74=-84.500;49.536  
p75=-84.473;49.500  
p76=-84.146;49.000  
p77=-84.000;48.709

[C5]

gain=-10.00  
n\_point=89  
p1=-83.000;47.616  
p2=-82.979;47.500  
p3=-82.960;47.000  
p4=-82.957;46.500  
p5=-83.000;46.041  
p6=-83.004;46.000  
p7=-83.102;45.500

p8=-83.226;45.000  
p9=-83.412;44.500  
p10=-83.500;44.289  
p11=-83.628;44.000  
p12=-83.906;43.500  
p13=-84.000;43.362  
p14=-84.260;43.000  
p15=-84.500;42.700  
p16=-84.673;42.500  
p17=-85.000;42.189  
p18=-85.220;42.000  
p19=-85.500;41.791  
p20=-85.928;41.500  
p21=-86.000;41.457  
p22=-86.500;41.201  
p23=-86.971;41.000  
p24=-87.000;40.990  
p25=-87.500;40.848  
p26=-88.000;40.749  
p27=-88.500;40.708  
p28=-89.000;40.715  
p29=-89.500;40.770  
p30=-90.000;40.874  
p31=-90.372;41.000  
p32=-90.500;41.055  
p33=-91.000;41.343  
p34=-91.227;41.500  
p35=-91.500;41.710  
p36=-91.831;42.000  
p37=-92.000;42.166  
p38=-92.307;42.500  
p39=-92.500;42.772  
p40=-92.640;43.000  
p41=-92.917;43.500  
p42=-93.000;43.671  
p43=-93.149;44.000  
p44=-93.299;44.500  
p45=-93.425;45.000  
p46=-93.500;45.460  
p47=-93.506;45.500  
p48=-93.529;46.000  
p49=-93.526;46.500  
p50=-93.500;46.700  
p51=-93.457;47.000  
p52=-93.350;47.500  
p53=-93.194;48.000  
p54=-93.000;48.450  
p55=-92.975;48.500  
p56=-92.700;49.000  
p57=-92.500;49.279  
p58=-92.328;49.500  
p59=-92.000;49.905  
p60=-91.910;50.000  
p61=-91.500;50.351  
p62=-91.302;50.500  
p63=-91.000;50.724  
p64=-90.575;51.000

p65=-90.500;51.042  
p66=-90.000;51.261  
p67=-89.500;51.456  
p68=-89.332;51.500  
p69=-89.000;51.585  
p70=-88.500;51.681  
p71=-88.000;51.736  
p72=-87.500;51.732  
p73=-87.000;51.700  
p74=-86.500;51.598  
p75=-86.173;51.500  
p76=-86.000;51.447  
p77=-85.500;51.253  
p78=-85.044;51.000  
p79=-85.000;50.970  
p80=-84.500;50.555  
p81=-84.442;50.500  
p82=-84.000;50.036  
p83=-83.971;50.000  
p84=-83.643;49.500  
p85=-83.500;49.235  
p86=-83.390;49.000  
p87=-83.199;48.500  
p88=-83.076;48.000  
p89=-83.000;47.616

[C6]

gain=-15.00  
n\_point=107  
p1=-82.000;49.421  
p2=-81.875;49.000  
p3=-81.743;48.500  
p4=-81.673;48.000  
p5=-81.612;47.500  
p6=-81.612;47.000  
p7=-81.628;46.500  
p8=-81.681;46.000  
p9=-81.778;45.500  
p10=-81.886;45.000  
p11=-82.000;44.632  
p12=-82.044;44.500  
p13=-82.236;44.000  
p14=-82.464;43.500  
p15=-82.500;43.434  
p16=-82.750;43.000  
p17=-83.000;42.608  
p18=-83.076;42.500  
p19=-83.482;42.000  
p20=-83.500;41.980  
p21=-83.977;41.500  
p22=-84.000;41.479  
p23=-84.500;41.076  
p24=-84.605;41.000  
p25=-85.000;40.748  
p26=-85.457;40.500  
p27=-85.500;40.479  
p28=-86.000;40.275

p29=-86.500;40.113  
p30=-86.943;40.000  
p31=-87.000;39.987  
p32=-87.500;39.900  
p33=-88.000;39.854  
p34=-88.500;39.843  
p35=-89.000;39.866  
p36=-89.500;39.924  
p37=-89.887;40.000  
p38=-90.000;40.025  
p39=-90.500;40.200  
p40=-91.000;40.411  
p41=-91.180;40.500  
p42=-91.500;40.685  
p43=-92.000;40.999  
p44=-92.001;41.000  
p45=-92.500;41.460  
p46=-92.539;41.500  
p47=-92.998;42.000  
p48=-93.000;42.002  
p49=-93.402;42.500  
p50=-93.500;42.654  
p51=-93.720;43.000  
p52=-94.000;43.492  
p53=-94.004;43.500  
p54=-94.252;44.000  
p55=-94.427;44.500  
p56=-94.500;44.742  
p57=-94.579;45.000  
p58=-94.690;45.500  
p59=-94.746;46.000  
p60=-94.779;46.500  
p61=-94.751;47.000  
p62=-94.691;47.500  
p63=-94.589;48.000  
p64=-94.500;48.292  
p65=-94.431;48.500  
p66=-94.240;49.000  
p67=-94.000;49.452  
p68=-93.973;49.500  
p69=-93.676;50.000  
p70=-93.500;50.235  
p71=-93.281;50.500  
p72=-93.000;50.823  
p73=-92.831;51.000  
p74=-92.500;51.294  
p75=-92.251;51.500  
p76=-92.000;51.699  
p77=-91.555;52.000  
p78=-91.500;52.033  
p79=-91.000;52.310  
p80=-90.585;52.500  
p81=-90.500;52.538  
p82=-90.000;52.737  
p83=-89.500;52.903  
p84=-89.109;53.000  
p85=-89.000;53.024



p86=-88.500;53.116  
p87=-88.000;53.155  
p88=-87.500;53.179  
p89=-87.000;53.160  
p90=-86.500;53.108  
p91=-86.000;53.028  
p92=-85.898;53.000  
p93=-85.500;52.871  
p94=-85.000;52.677  
p95=-84.637;52.500  
p96=-84.500;52.434  
p97=-84.000;52.121  
p98=-83.829;52.000  
p99=-83.500;51.710  
p100=-83.287;51.500  
p101=-83.000;51.196  
p102=-82.844;51.000  
p103=-82.505;50.500  
p104=-82.500;50.491  
p105=-82.248;50.000  
p106=-82.027;49.500  
p107=-82.000;49.421

[C7]

gain=-20.00  
n\_point=123  
p1=-80.500;47.532  
p2=-80.498;47.500  
p3=-80.498;47.000  
p4=-80.500;46.970  
p5=-80.532;46.500  
p6=-80.594;46.000  
p7=-80.682;45.500  
p8=-80.779;45.000  
p9=-80.924;44.500  
p10=-81.000;44.274  
p11=-81.098;44.000  
p12=-81.290;43.500  
p13=-81.500;43.051  
p14=-81.527;43.000  
p15=-81.814;42.500  
p16=-82.000;42.192  
p17=-82.125;42.000  
p18=-82.500;41.500  
p19=-82.500;41.500  
p20=-82.949;41.000  
p21=-83.000;40.946  
p22=-83.461;40.500  
p23=-83.500;40.467  
p24=-84.000;40.105  
p25=-84.163;40.000  
p26=-84.500;39.795  
p27=-85.000;39.539  
p28=-85.103;39.500  
p29=-85.500;39.362  
p30=-86.000;39.236  
p31=-86.500;39.156

p32=-87.000;39.116  
p33=-87.500;39.109  
p34=-88.000;39.125  
p35=-88.500;39.162  
p36=-89.000;39.220  
p37=-89.500;39.299  
p38=-90.000;39.411  
p39=-90.318;39.500  
p40=-90.500;39.564  
p41=-91.000;39.781  
p42=-91.462;40.000  
p43=-91.500;40.020  
p44=-92.000;40.325  
p45=-92.271;40.500  
p46=-92.500;40.672  
p47=-92.929;41.000  
p48=-93.000;41.071  
p49=-93.443;41.500  
p50=-93.500;41.562  
p51=-93.925;42.000  
p52=-94.000;42.089  
p53=-94.362;42.500  
p54=-94.500;42.703  
p55=-94.734;43.000  
p56=-95.000;43.417  
p57=-95.056;43.500  
p58=-95.343;44.000  
p59=-95.500;44.392  
p60=-95.544;44.500  
p61=-95.711;45.000  
p62=-95.834;45.500  
p63=-95.903;46.000  
p64=-95.949;46.500  
p65=-95.937;47.000  
p66=-95.896;47.500  
p67=-95.818;48.000  
p68=-95.690;48.500  
p69=-95.543;49.000  
p70=-95.500;49.099  
p71=-95.319;49.500  
p72=-95.085;50.000  
p73=-95.000;50.138  
p74=-94.762;50.500  
p75=-94.500;50.885  
p76=-94.415;51.000  
p77=-94.000;51.463  
p78=-93.965;51.500  
p79=-93.500;51.980  
p80=-93.478;52.000  
p81=-93.000;52.373  
p82=-92.830;52.500  
p83=-92.500;52.738  
p84=-92.106;53.000  
p85=-92.000;53.060  
p86=-91.500;53.314  
p87=-91.118;53.500  
p88=-91.000;53.557

p89=-90.500;53.757  
p90=-90.000;53.951  
p91=-89.835;54.000  
p92=-89.500;54.081  
p93=-89.000;54.191  
p94=-88.500;54.272  
p95=-88.000;54.329  
p96=-87.500;54.365  
p97=-87.000;54.361  
p98=-86.500;54.342  
p99=-86.000;54.272  
p100=-85.500;54.181  
p101=-85.000;54.048  
p102=-84.862;54.000  
p103=-84.500;53.856  
p104=-84.000;53.630  
p105=-83.774;53.500  
p106=-83.500;53.342  
p107=-83.005;53.000  
p108=-83.000;52.996  
p109=-82.500;52.544  
p110=-82.459;52.500  
p111=-82.000;52.011  
p112=-81.991;52.000  
p113=-81.666;51.500  
p114=-81.500;51.241  
p115=-81.369;51.000  
p116=-81.146;50.500  
p117=-81.000;50.151  
p118=-80.946;50.000  
p119=-80.800;49.500  
p120=-80.683;49.000  
p121=-80.587;48.500  
p122=-80.541;48.000  
p123=-80.500;47.532