

[FormatInfo]  
format\_ver=1

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

[COHeader]  
beam\_id=RD24  
emi\_rcp=E  
polar\_disc=C  
reason=C  
n\_bore=1  
n\_cont=7

[B1]  
gain=0.00  
p=-89.414;34.464

[C1]  
gain=-2.00  
n\_point=39  
p1=-87.500;35.786  
p2=-87.330;35.500  
p3=-87.211;35.000  
p4=-87.102;34.500  
p5=-87.174;34.000  
p6=-87.262;33.500  
p7=-87.500;33.027  
p8=-87.516;33.000  
p9=-87.847;32.500  
p10=-88.000;32.339  
p11=-88.460;32.000  
p12=-88.500;31.975  
p13=-89.000;31.758  
p14=-89.500;31.640  
p15=-90.000;31.688  
p16=-90.500;31.804  
p17=-90.798;32.000  
p18=-91.000;32.153  
p19=-91.355;32.500  
p20=-91.500;32.755  
p21=-91.607;33.000  
p22=-91.802;33.500  
p23=-91.810;34.000  
p24=-91.795;34.500  
p25=-91.613;35.000  
p26=-91.500;35.261  
p27=-91.385;35.500  
p28=-91.000;35.983  
p29=-90.979;36.000  
p30=-90.500;36.351  
p31=-90.244;36.500  
p32=-90.000;36.604  
p33=-89.500;36.687

p34=-89.000;36.685  
p35=-88.500;36.580  
p36=-88.327;36.500  
p37=-88.000;36.263  
p38=-87.712;36.000  
p39=-87.500;35.786

[C2]

gain=-4.00  
n\_point=55  
p1=-86.500;36.159  
p2=-86.440;36.000  
p3=-86.254;35.500  
p4=-86.192;35.000  
p5=-86.135;34.500  
p6=-86.207;34.000  
p7=-86.293;33.500  
p8=-86.492;33.000  
p9=-86.500;32.983  
p10=-86.725;32.500  
p11=-87.000;32.065  
p12=-87.057;32.000  
p13=-87.500;31.559  
p14=-87.562;31.500  
p15=-88.000;31.155  
p16=-88.304;31.000  
p17=-88.500;30.917  
p18=-89.000;30.750  
p19=-89.500;30.674  
p20=-90.000;30.691  
p21=-90.500;30.760  
p22=-91.000;30.973  
p23=-91.051;31.000  
p24=-91.500;31.283  
p25=-91.751;31.500  
p26=-92.000;31.781  
p27=-92.149;32.000  
p28=-92.448;32.500  
p29=-92.500;32.654  
p30=-92.605;33.000  
p31=-92.739;33.500  
p32=-92.742;34.000  
p33=-92.728;34.500  
p34=-92.602;35.000  
p35=-92.500;35.346  
p36=-92.452;35.500  
p37=-92.192;36.000  
p38=-92.000;36.337  
p39=-91.865;36.500  
p40=-91.500;36.832  
p41=-91.308;37.000  
p42=-91.000;37.261  
p43=-90.530;37.500  
p44=-90.500;37.512  
p45=-90.000;37.691  
p46=-89.500;37.753  
p47=-89.000;37.778

p48=-88.500;37.701  
p49=-88.000;37.561  
p50=-87.861;37.500  
p51=-87.500;37.283  
p52=-87.183;37.000  
p53=-87.000;36.825  
p54=-86.689;36.500  
p55=-86.500;36.159

[C3]

gain=-6.00  
n\_point=69  
p1=-85.500;35.539  
p2=-85.490;35.500  
p3=-85.464;35.000  
p4=-85.440;34.500  
p5=-85.500;34.083  
p6=-85.513;34.000  
p7=-85.598;33.500  
p8=-85.765;33.000  
p9=-85.957;32.500  
p10=-86.000;32.418  
p11=-86.269;32.000  
p12=-86.500;31.668  
p13=-86.627;31.500  
p14=-87.000;31.086  
p15=-87.100;31.000  
p16=-87.500;30.701  
p17=-87.787;30.500  
p18=-88.000;30.367  
p19=-88.500;30.171  
p20=-89.000;30.007  
p21=-89.051;30.000  
p22=-89.500;29.954  
p23=-90.000;29.960  
p24=-90.373;30.000  
p25=-90.500;30.017  
p26=-91.000;30.204  
p27=-91.500;30.433  
p28=-91.601;30.500  
p29=-92.000;30.801  
p30=-92.213;31.000  
p31=-92.500;31.316  
p32=-92.653;31.500  
p33=-92.972;32.000  
p34=-93.000;32.049  
p35=-93.186;32.500  
p36=-93.301;33.000  
p37=-93.405;33.500  
p38=-93.410;34.000  
p39=-93.400;34.500  
p40=-93.302;35.000  
p41=-93.184;35.500  
p42=-93.000;35.970  
p43=-92.985;36.000  
p44=-92.707;36.500  
p45=-92.500;36.785

p46=-92.332;37.000  
p47=-92.000;37.404  
p48=-91.891;37.500  
p49=-91.500;37.776  
p50=-91.172;38.000  
p51=-91.000;38.114  
p52=-90.500;38.318  
p53=-90.042;38.500  
p54=-90.000;38.513  
p55=-89.500;38.561  
p56=-89.000;38.598  
p57=-88.500;38.539  
p58=-88.273;38.500  
p59=-88.000;38.436  
p60=-87.500;38.207  
p61=-87.155;38.000  
p62=-87.000;37.905  
p63=-86.500;37.529  
p64=-86.470;37.500  
p65=-86.128;37.000  
p66=-86.000;36.807  
p67=-85.810;36.500  
p68=-85.644;36.000  
p69=-85.500;35.539

[C4]

gain=-8.00  
n\_point=77  
p1=-85.000;35.941  
p2=-84.903;35.500  
p3=-84.885;35.000  
p4=-84.870;34.500  
p5=-84.932;34.000  
p6=-85.000;33.595  
p7=-85.021;33.500  
p8=-85.201;33.000  
p9=-85.389;32.500  
p10=-85.500;32.266  
p11=-85.643;32.000  
p12=-85.951;31.500  
p13=-86.000;31.433  
p14=-86.354;31.000  
p15=-86.500;30.840  
p16=-86.862;30.500  
p17=-87.000;30.381  
p18=-87.500;30.022  
p19=-87.534;30.000  
p20=-88.000;29.760  
p21=-88.500;29.589  
p22=-88.814;29.500  
p23=-89.000;29.450  
p24=-89.500;29.404  
p25=-90.000;29.407  
p26=-90.500;29.464  
p27=-90.622;29.500  
p28=-91.000;29.617  
p29=-91.500;29.808

p30=-91.850;30.000  
p31=-92.000;30.101  
p32=-92.485;30.500  
p33=-92.500;30.514  
p34=-92.970;31.000  
p35=-93.000;31.036  
p36=-93.289;31.500  
p37=-93.500;31.934  
p38=-93.530;32.000  
p39=-93.727;32.500  
p40=-93.840;33.000  
p41=-93.941;33.500  
p42=-93.946;34.000  
p43=-93.937;34.500  
p44=-93.846;35.000  
p45=-93.737;35.500  
p46=-93.560;36.000  
p47=-93.500;36.154  
p48=-93.345;36.500  
p49=-93.049;37.000  
p50=-93.000;37.078  
p51=-92.673;37.500  
p52=-92.500;37.681  
p53=-92.170;38.000  
p54=-92.000;38.160  
p55=-91.530;38.500  
p56=-91.500;38.518  
p57=-91.000;38.784  
p58=-90.500;38.960  
p59=-90.376;39.000  
p60=-90.000;39.122  
p61=-89.500;39.182  
p62=-89.000;39.231  
p63=-88.500;39.169  
p64=-88.000;39.091  
p65=-87.757;39.000  
p66=-87.500;38.908  
p67=-87.000;38.700  
p68=-86.652;38.500  
p69=-86.500;38.380  
p70=-86.118;38.000  
p71=-86.000;37.884  
p72=-85.643;37.500  
p73=-85.500;37.277  
p74=-85.372;37.000  
p75=-85.144;36.500  
p76=-85.016;36.000  
p77=-85.000;35.941

[C5]

gain=-10.00  
n\_point=85  
p1=-84.500;35.967  
p2=-84.421;35.500  
p3=-84.416;35.000  
p4=-84.419;34.500  
p5=-84.491;34.000

p6=-84.500;33.943  
p7=-84.578;33.500  
p8=-84.730;33.000  
p9=-84.904;32.500  
p10=-85.000;32.289  
p11=-85.146;32.000  
p12=-85.417;31.500  
p13=-85.500;31.362  
p14=-85.766;31.000  
p15=-86.000;30.725  
p16=-86.207;30.500  
p17=-86.500;30.197  
p18=-86.728;30.000  
p19=-87.000;29.805  
p20=-87.492;29.500  
p21=-87.500;29.495  
p22=-88.000;29.246  
p23=-88.500;29.073  
p24=-88.758;29.000  
p25=-89.000;28.947  
p26=-89.500;28.915  
p27=-90.000;28.918  
p28=-90.500;28.969  
p29=-90.636;29.000  
p30=-91.000;29.112  
p31=-91.500;29.299  
p32=-91.862;29.500  
p33=-92.000;29.579  
p34=-92.500;29.920  
p35=-92.606;30.000  
p36=-93.000;30.362  
p37=-93.113;30.500  
p38=-93.486;31.000  
p39=-93.500;31.022  
p40=-93.784;31.500  
p41=-94.000;31.960  
p42=-94.015;32.000  
p43=-94.184;32.500  
p44=-94.281;33.000  
p45=-94.370;33.500  
p46=-94.377;34.000  
p47=-94.371;34.500  
p48=-94.293;35.000  
p49=-94.199;35.500  
p50=-94.043;36.000  
p51=-94.000;36.125  
p52=-93.847;36.500  
p53=-93.581;37.000  
p54=-93.500;37.147  
p55=-93.274;37.500  
p56=-93.000;37.848  
p57=-92.854;38.000  
p58=-92.500;38.371  
p59=-92.363;38.500  
p60=-92.000;38.776  
p61=-91.628;39.000  
p62=-91.500;39.079

p63=-91.000;39.357  
p64=-90.631;39.500  
p65=-90.500;39.538  
p66=-90.000;39.663  
p67=-89.500;39.717  
p68=-89.000;39.756  
p69=-88.500;39.715  
p70=-88.000;39.664  
p71=-87.500;39.527  
p72=-87.406;39.500  
p73=-87.000;39.330  
p74=-86.500;39.011  
p75=-86.484;39.000  
p76=-86.000;38.670  
p77=-85.793;38.500  
p78=-85.500;38.160  
p79=-85.390;38.000  
p80=-85.029;37.500  
p81=-85.000;37.436  
p82=-84.814;37.000  
p83=-84.602;36.500  
p84=-84.506;36.000  
p85=-84.500;35.967

[C6]

gain=-15.00  
n\_point=99  
p1=-84.000;37.664  
p2=-83.914;37.500  
p3=-83.771;37.000  
p4=-83.626;36.500  
p5=-83.570;36.000  
p6=-83.512;35.500  
p7=-83.525;35.000  
p8=-83.542;34.500  
p9=-83.617;34.000  
p10=-83.706;33.500  
p11=-83.843;33.000  
p12=-83.999;32.500  
p13=-84.000;32.497  
p14=-84.201;32.000  
p15=-84.409;31.500  
p16=-84.500;31.308  
p17=-84.692;31.000  
p18=-85.000;30.536  
p19=-85.025;30.500  
p20=-85.390;30.000  
p21=-85.500;29.863  
p22=-85.876;29.500  
p23=-86.000;29.383  
p24=-86.441;29.000  
p25=-86.500;28.951  
p26=-87.000;28.644  
p27=-87.284;28.500  
p28=-87.500;28.390  
p29=-88.000;28.202  
p30=-88.500;28.075

p31=-88.904;28.000  
p32=-89.000;27.984  
p33=-89.500;27.975  
p34=-90.000;27.993  
p35=-90.047;28.000  
p36=-90.500;28.071  
p37=-91.000;28.212  
p38=-91.500;28.373  
p39=-91.761;28.500  
p40=-92.000;28.617  
p41=-92.500;28.889  
p42=-92.697;29.000  
p43=-93.000;29.237  
p44=-93.255;29.500  
p45=-93.500;29.742  
p46=-93.760;30.000  
p47=-94.000;30.296  
p48=-94.134;30.500  
p49=-94.445;31.000  
p50=-94.500;31.102  
p51=-94.675;31.500  
p52=-94.851;32.000  
p53=-95.000;32.450  
p54=-95.015;32.500  
p55=-95.096;33.000  
p56=-95.171;33.500  
p57=-95.178;34.000  
p58=-95.174;34.500  
p59=-95.110;35.000  
p60=-95.035;35.500  
p61=-95.000;35.635  
p62=-94.895;36.000  
p63=-94.744;36.500  
p64=-94.554;37.000  
p65=-94.500;37.142  
p66=-94.314;37.500  
p67=-94.003;38.000  
p68=-94.000;38.004  
p69=-93.651;38.500  
p70=-93.500;38.678  
p71=-93.180;39.000  
p72=-93.000;39.191  
p73=-92.660;39.500  
p74=-92.500;39.615  
p75=-92.000;39.929  
p76=-91.862;40.000  
p77=-91.500;40.198  
p78=-91.000;40.436  
p79=-90.821;40.500  
p80=-90.500;40.583  
p81=-90.000;40.682  
p82=-89.500;40.734  
p83=-89.000;40.759  
p84=-88.500;40.733  
p85=-88.000;40.686  
p86=-87.500;40.585  
p87=-87.110;40.500



p88=-87.000;40.464  
p89=-86.500;40.202  
p90=-86.099;40.000  
p91=-86.000;39.951  
p92=-85.500;39.606  
p93=-85.341;39.500  
p94=-85.000;39.151  
p95=-84.880;39.000  
p96=-84.500;38.590  
p97=-84.430;38.500  
p98=-84.181;38.000  
p99=-84.000;37.664

[C7]

gain=-20.00  
n\_point=113  
p1=-83.000;36.803  
p2=-82.936;36.500  
p3=-82.901;36.000  
p4=-82.876;35.500  
p5=-82.904;35.000  
p6=-82.948;34.500  
p7=-83.000;34.160  
p8=-83.033;34.000  
p9=-83.132;33.500  
p10=-83.243;33.000  
p11=-83.351;32.500  
p12=-83.487;32.000  
p13=-83.500;31.959  
p14=-83.692;31.500  
p15=-83.906;31.000  
p16=-84.000;30.785  
p17=-84.131;30.500  
p18=-84.397;30.000  
p19=-84.500;29.782  
p20=-84.667;29.500  
p21=-85.000;29.065  
p22=-85.055;29.000  
p23=-85.385;28.500  
p24=-85.500;28.355  
p25=-85.897;28.000  
p26=-86.000;27.875  
p27=-86.500;27.510  
p28=-86.521;27.500  
p29=-87.000;27.215  
p30=-87.500;27.070  
p31=-88.000;27.007  
p32=-88.171;27.000  
p33=-88.500;26.982  
p34=-89.000;27.000  
p35=-89.001;27.000  
p36=-89.500;27.068  
p37=-90.000;27.157  
p38=-90.500;27.305  
p39=-90.952;27.500  
p40=-91.000;27.515  
p41=-91.500;27.689

p42=-92.000;27.936  
p43=-92.123;28.000  
p44=-92.500;28.236  
p45=-92.893;28.500  
p46=-93.000;28.568  
p47=-93.500;28.959  
p48=-93.570;29.000  
p49=-94.000;29.451  
p50=-94.037;29.500  
p51=-94.475;30.000  
p52=-94.500;30.035  
p53=-94.790;30.500  
p54=-95.000;30.878  
p55=-95.060;31.000  
p56=-95.291;31.500  
p57=-95.480;32.000  
p58=-95.500;32.060  
p59=-95.602;32.500  
p60=-95.657;33.000  
p61=-95.701;33.500  
p62=-95.696;34.000  
p63=-95.684;34.500  
p64=-95.629;35.000  
p65=-95.580;35.500  
p66=-95.511;36.000  
p67=-95.500;36.074  
p68=-95.362;36.500  
p69=-95.157;37.000  
p70=-95.000;37.428  
p71=-94.970;37.500  
p72=-94.727;38.000  
p73=-94.500;38.454  
p74=-94.471;38.500  
p75=-94.103;39.000  
p76=-94.000;39.147  
p77=-93.712;39.500  
p78=-93.500;39.727  
p79=-93.186;40.000  
p80=-93.000;40.158  
p81=-92.540;40.500  
p82=-92.500;40.532  
p83=-92.000;40.830  
p84=-91.585;41.000  
p85=-91.500;41.032  
p86=-91.000;41.202  
p87=-90.500;41.334  
p88=-90.000;41.433  
p89=-89.500;41.491  
p90=-89.241;41.500  
p91=-89.000;41.507  
p92=-88.869;41.500  
p93=-88.500;41.478  
p94=-88.000;41.408  
p95=-87.500;41.285  
p96=-87.000;41.138  
p97=-86.664;41.000  
p98=-86.500;40.934

p99=-86.000;40.737  
p100=-85.500;40.508  
p101=-85.484;40.500  
p102=-85.000;40.143  
p103=-84.842;40.000  
p104=-84.500;39.700  
p105=-84.271;39.500  
p106=-84.000;39.144  
p107=-83.906;39.000  
p108=-83.558;38.500  
p109=-83.500;38.388  
p110=-83.337;38.000  
p111=-83.163;37.500  
p112=-83.051;37.000  
p113=-83.000;36.803