

[FormatInfo]  
format\_ver=1

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

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

[B1]  
gain=0.00  
p=-110.644;39.839

[C1]  
gain=-2.00  
n\_point=37  
p1=-112.500;40.868  
p2=-112.433;41.000  
p3=-112.016;41.500  
p4=-112.000;41.513  
p5=-111.500;41.767  
p6=-111.000;41.879  
p7=-110.500;41.870  
p8=-110.000;41.710  
p9=-109.599;41.500  
p10=-109.500;41.443  
p11=-109.000;41.038  
p12=-108.967;41.000  
p13=-108.613;40.500  
p14=-108.500;40.248  
p15=-108.408;40.000  
p16=-108.300;39.500  
p17=-108.283;39.000  
p18=-108.407;38.500  
p19=-108.500;38.306  
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p24=-110.000;37.326  
p25=-110.500;37.363  
p26=-110.988;37.500  
p27=-111.000;37.504  
p28=-111.500;37.773  
p29=-111.788;38.000  
p30=-112.000;38.215  
p31=-112.231;38.500  
p32=-112.500;38.992  
p33=-112.504;39.000

p34=-112.642;39.500  
p35=-112.697;40.000  
p36=-112.636;40.500  
p37=-112.500;40.868

[C2]

gain=-4.00  
n\_point=53  
p1=-113.500;41.265  
p2=-113.406;41.500  
p3=-113.077;42.000  
p4=-113.000;42.083  
p5=-112.500;42.482  
p6=-112.469;42.500  
p7=-112.000;42.718  
p8=-111.500;42.851  
p9=-111.000;42.877  
p10=-110.500;42.824  
p11=-110.000;42.712  
p12=-109.500;42.504  
p13=-109.493;42.500  
p14=-109.000;42.198  
p15=-108.735;42.000  
p16=-108.500;41.774  
p17=-108.284;41.500  
p18=-108.000;41.102  
p19=-107.938;41.000  
p20=-107.687;40.500  
p21=-107.544;40.000  
p22=-107.500;39.727  
p23=-107.470;39.500  
p24=-107.451;39.000  
p25=-107.500;38.628  
p26=-107.521;38.500  
p27=-107.691;38.000  
p28=-107.952;37.500  
p29=-108.000;37.432  
p30=-108.408;37.000  
p31=-108.500;36.931  
p32=-109.000;36.664  
p33=-109.489;36.500  
p34=-109.500;36.497  
p35=-110.000;36.434  
p36=-110.500;36.441  
p37=-110.831;36.500  
p38=-111.000;36.538  
p39=-111.500;36.735  
p40=-111.993;37.000  
p41=-112.000;37.004  
p42=-112.500;37.420  
p43=-112.577;37.500  
p44=-112.999;38.000  
p45=-113.000;38.002  
p46=-113.301;38.500  
p47=-113.496;39.000  
p48=-113.500;39.015  
p49=-113.625;39.500

p50=-113.705;40.000  
p51=-113.685;40.500  
p52=-113.585;41.000  
p53=-113.500;41.265

[C3]

gain=-6.00  
n\_point=63  
p1=-114.000;42.168  
p2=-113.762;42.500  
p3=-113.500;42.793  
p4=-113.266;43.000  
p5=-113.000;43.184  
p6=-112.500;43.433  
p7=-112.287;43.500  
p8=-112.000;43.573  
p9=-111.500;43.644  
p10=-111.000;43.663  
p11=-110.500;43.607  
p12=-110.016;43.500  
p13=-110.000;43.496  
p14=-109.500;43.314  
p15=-109.000;43.045  
p16=-108.933;43.000  
p17=-108.500;42.698  
p18=-108.267;42.500  
p19=-108.000;42.236  
p20=-107.807;42.000  
p21=-107.500;41.554  
p22=-107.468;41.500  
p23=-107.214;41.000  
p24=-107.028;40.500  
p25=-107.000;40.378  
p26=-106.926;40.000  
p27=-106.866;39.500  
p28=-106.844;39.000  
p29=-106.900;38.500  
p30=-107.000;38.043  
p31=-107.012;38.000  
p32=-107.224;37.500  
p33=-107.500;37.011  
p34=-107.508;37.000  
p35=-108.000;36.504  
p36=-108.005;36.500  
p37=-108.500;36.184  
p38=-108.903;36.000  
p39=-109.000;35.962  
p40=-109.500;35.837  
p41=-110.000;35.776  
p42=-110.500;35.775  
p43=-111.000;35.833  
p44=-111.500;35.964  
p45=-111.591;36.000  
p46=-112.000;36.182  
p47=-112.500;36.465  
p48=-112.552;36.500  
p49=-113.000;36.885

p50=-113.110;37.000  
p51=-113.500;37.457  
p52=-113.533;37.500  
p53=-113.861;38.000  
p54=-114.000;38.276  
p55=-114.102;38.500  
p56=-114.275;39.000  
p57=-114.401;39.500  
p58=-114.478;40.000  
p59=-114.474;40.500  
p60=-114.425;41.000  
p61=-114.312;41.500  
p62=-114.100;42.000  
p63=-114.000;42.168

[C4]

gain=-8.00  
n\_point=73  
p1=-115.000;41.612  
p2=-114.869;42.000  
p3=-114.634;42.500  
p4=-114.500;42.728  
p5=-114.309;43.000  
p6=-114.000;43.319  
p7=-113.786;43.500  
p8=-113.500;43.697  
p9=-113.000;43.962  
p10=-112.906;44.000  
p11=-112.500;44.145  
p12=-112.000;44.260  
p13=-111.500;44.305  
p14=-111.000;44.301  
p15=-110.500;44.252  
p16=-110.000;44.140  
p17=-109.552;44.000  
p18=-109.500;43.983  
p19=-109.000;43.770  
p20=-108.538;43.500  
p21=-108.500;43.475  
p22=-108.000;43.087  
p23=-107.908;43.000  
p24=-107.500;42.564  
p25=-107.448;42.500  
p26=-107.094;42.000  
p27=-107.000;41.841  
p28=-106.834;41.500  
p29=-106.640;41.000  
p30=-106.500;40.524  
p31=-106.494;40.500  
p32=-106.413;40.000  
p33=-106.366;39.500  
p34=-106.355;39.000  
p35=-106.415;38.500  
p36=-106.500;38.081  
p37=-106.520;38.000  
p38=-106.693;37.500  
p39=-106.925;37.000

p40=-107.000;36.883  
p41=-107.304;36.500  
p42=-107.500;36.294  
p43=-107.848;36.000  
p44=-108.000;35.891  
p45=-108.500;35.606  
p46=-108.746;35.500  
p47=-109.000;35.403  
p48=-109.500;35.275  
p49=-110.000;35.207  
p50=-110.500;35.191  
p51=-111.000;35.230  
p52=-111.500;35.324  
p53=-112.000;35.489  
p54=-112.025;35.500  
p55=-112.500;35.739  
p56=-112.924;36.000  
p57=-113.000;36.052  
p58=-113.500;36.477  
p59=-113.522;36.500  
p60=-113.950;37.000  
p61=-114.000;37.065  
p62=-114.295;37.500  
p63=-114.500;37.862  
p64=-114.572;38.000  
p65=-114.788;38.500  
p66=-114.946;39.000  
p67=-115.000;39.236  
p68=-115.056;39.500  
p69=-115.133;40.000  
p70=-115.144;40.500  
p71=-115.108;41.000  
p72=-115.033;41.500  
p73=-115.000;41.612

[C5]

gain=-10.00  
n\_point=81  
p1=-115.500;42.111  
p2=-115.345;42.500  
p3=-115.098;43.000  
p4=-115.000;43.140  
p5=-114.712;43.500  
p6=-114.500;43.719  
p7=-114.175;44.000  
p8=-114.000;44.133  
p9=-113.500;44.438  
p10=-113.361;44.500  
p11=-113.000;44.633  
p12=-112.500;44.766  
p13=-112.000;44.857  
p14=-111.500;44.903  
p15=-111.000;44.886  
p16=-110.500;44.835  
p17=-110.000;44.742  
p18=-109.500;44.591  
p19=-109.256;44.500

p20=-109.000;44.399  
p21=-108.500;44.141  
p22=-108.277;44.000  
p23=-108.000;43.813  
p24=-107.607;43.500  
p25=-107.500;43.399  
p26=-107.151;43.000  
p27=-107.000;42.812  
p28=-106.781;42.500  
p29=-106.500;42.015  
p30=-106.493;42.000  
p31=-106.301;41.500  
p32=-106.145;41.000  
p33=-106.030;40.500  
p34=-106.000;40.288  
p35=-105.967;40.000  
p36=-105.941;39.500  
p37=-105.951;39.000  
p38=-106.000;38.588  
p39=-106.012;38.500  
p40=-106.119;38.000  
p41=-106.264;37.500  
p42=-106.457;37.000  
p43=-106.500;36.919  
p44=-106.771;36.500  
p45=-107.000;36.207  
p46=-107.197;36.000  
p47=-107.500;35.730  
p48=-107.814;35.500  
p49=-108.000;35.381  
p50=-108.500;35.121  
p51=-108.798;35.000  
p52=-109.000;34.927  
p53=-109.500;34.790  
p54=-110.000;34.702  
p55=-110.500;34.668  
p56=-111.000;34.685  
p57=-111.500;34.756  
p58=-112.000;34.884  
p59=-112.296;35.000  
p60=-112.500;35.091  
p61=-113.000;35.372  
p62=-113.191;35.500  
p63=-113.500;35.726  
p64=-113.811;36.000  
p65=-114.000;36.191  
p66=-114.273;36.500  
p67=-114.500;36.789  
p68=-114.646;37.000  
p69=-114.941;37.500  
p70=-115.000;37.611  
p71=-115.194;38.000  
p72=-115.388;38.500  
p73=-115.500;38.885  
p74=-115.531;39.000  
p75=-115.644;39.500  
p76=-115.717;40.000

p77=-115.728;40.500  
p78=-115.710;41.000  
p79=-115.661;41.500  
p80=-115.539;42.000  
p81=-115.500;42.111

[C6]

gain=-15.00  
n\_point=97  
p1=-116.500;43.286  
p2=-116.392;43.500  
p3=-116.093;44.000  
p4=-116.000;44.128  
p5=-115.697;44.500  
p6=-115.500;44.690  
p7=-115.123;45.000  
p8=-115.000;45.090  
p9=-114.500;45.402  
p10=-114.308;45.500  
p11=-114.000;45.642  
p12=-113.500;45.822  
p13=-113.000;45.964  
p14=-112.839;46.000  
p15=-112.500;46.064  
p16=-112.000;46.120  
p17=-111.500;46.141  
p18=-111.000;46.139  
p19=-110.500;46.102  
p20=-110.000;46.030  
p21=-109.839;46.000  
p22=-109.500;45.929  
p23=-109.000;45.779  
p24=-108.500;45.594  
p25=-108.283;45.500  
p26=-108.000;45.369  
p27=-107.500;45.083  
p28=-107.371;45.000  
p29=-107.000;44.721  
p30=-106.753;44.500  
p31=-106.500;44.251  
p32=-106.270;44.000  
p33=-106.000;43.658  
p34=-105.890;43.500  
p35=-105.613;43.000  
p36=-105.500;42.754  
p37=-105.393;42.500  
p38=-105.242;42.000  
p39=-105.144;41.500  
p40=-105.082;41.000  
p41=-105.063;40.500  
p42=-105.079;40.000  
p43=-105.112;39.500  
p44=-105.162;39.000  
p45=-105.245;38.500  
p46=-105.338;38.000  
p47=-105.444;37.500  
p48=-105.500;37.289

p49=-105.596;37.000  
p50=-105.823;36.500  
p51=-106.000;36.161  
p52=-106.105;36.000  
p53=-106.490;35.500  
p54=-106.500;35.489  
p55=-107.000;35.024  
p56=-107.031;35.000  
p57=-107.500;34.695  
p58=-107.830;34.500  
p59=-108.000;34.408  
p60=-108.500;34.168  
p61=-108.891;34.000  
p62=-109.000;33.953  
p63=-109.500;33.778  
p64=-110.000;33.641  
p65=-110.500;33.552  
p66=-111.000;33.519  
p67=-111.500;33.558  
p68=-112.000;33.652  
p69=-112.500;33.797  
p70=-113.000;33.986  
p71=-113.028;34.000  
p72=-113.500;34.269  
p73=-113.849;34.500  
p74=-114.000;34.610  
p75=-114.476;35.000  
p76=-114.500;35.022  
p77=-114.951;35.500  
p78=-115.000;35.555  
p79=-115.367;36.000  
p80=-115.500;36.185  
p81=-115.696;36.500  
p82=-115.988;37.000  
p83=-116.000;37.022  
p84=-116.236;37.500  
p85=-116.449;38.000  
p86=-116.500;38.144  
p87=-116.619;38.500  
p88=-116.758;39.000  
p89=-116.866;39.500  
p90=-116.950;40.000  
p91=-116.992;40.500  
p92=-116.996;41.000  
p93=-116.972;41.500  
p94=-116.901;42.000  
p95=-116.787;42.500  
p96=-116.630;43.000  
p97=-116.500;43.286

[C7]

gain=-20.00  
n\_point=115  
p1=-118.000;42.485  
p2=-117.999;42.500  
p3=-117.901;43.000  
p4=-117.756;43.500



p5=-117.558;44.000  
p6=-117.500;44.113  
p7=-117.287;44.500  
p8=-117.000;44.915  
p9=-116.934;45.000  
p10=-116.500;45.469  
p11=-116.467;45.500  
p12=-116.000;45.866  
p13=-115.803;46.000  
p14=-115.500;46.179  
p15=-115.000;46.428  
p16=-114.829;46.500  
p17=-114.500;46.627  
p18=-114.000;46.787  
p19=-113.500;46.920  
p20=-113.136;47.000  
p21=-113.000;47.026  
p22=-112.500;47.091  
p23=-112.000;47.141  
p24=-111.500;47.171  
p25=-111.000;47.172  
p26=-110.500;47.152  
p27=-110.000;47.110  
p28=-109.500;47.033  
p29=-109.326;47.000  
p30=-109.000;46.934  
p31=-108.500;46.799  
p32=-108.000;46.631  
p33=-107.658;46.500  
p34=-107.500;46.431  
p35=-107.000;46.162  
p36=-106.730;46.000  
p37=-106.500;45.849  
p38=-106.047;45.500  
p39=-106.000;45.461  
p40=-105.507;45.000  
p41=-105.500;44.992  
p42=-105.104;44.500  
p43=-105.000;44.355  
p44=-104.770;44.000  
p45=-104.506;43.500  
p46=-104.500;43.485  
p47=-104.316;43.000  
p48=-104.169;42.500  
p49=-104.095;42.000  
p50=-104.075;41.500  
p51=-104.095;41.000  
p52=-104.173;40.500  
p53=-104.289;40.000  
p54=-104.410;39.500  
p55=-104.500;39.113  
p56=-104.524;39.000  
p57=-104.657;38.500  
p58=-104.781;38.000  
p59=-104.887;37.500  
p60=-105.000;37.027  
p61=-105.009;37.000

p62=-105.189;36.500  
p63=-105.390;36.000  
p64=-105.500;35.787  
p65=-105.679;35.500  
p66=-106.000;35.097  
p67=-106.088;35.000  
p68=-106.500;34.647  
p69=-106.690;34.500  
p70=-107.000;34.298  
p71=-107.453;34.000  
p72=-107.500;33.972  
p73=-108.000;33.674  
p74=-108.304;33.500  
p75=-108.500;33.379  
p76=-109.000;33.111  
p77=-109.250;33.000  
p78=-109.500;32.889  
p79=-110.000;32.731  
p80=-110.500;32.634  
p81=-111.000;32.596  
p82=-111.500;32.612  
p83=-112.000;32.680  
p84=-112.500;32.795  
p85=-113.000;32.951  
p86=-113.125;33.000  
p87=-113.500;33.158  
p88=-114.000;33.423  
p89=-114.120;33.500  
p90=-114.500;33.757  
p91=-114.806;34.000  
p92=-115.000;34.166  
p93=-115.334;34.500  
p94=-115.500;34.681  
p95=-115.764;35.000  
p96=-116.000;35.299  
p97=-116.139;35.500  
p98=-116.457;36.000  
p99=-116.500;36.072  
p100=-116.734;36.500  
p101=-116.983;37.000  
p102=-117.000;37.037  
p103=-117.190;37.500  
p104=-117.402;38.000  
p105=-117.500;38.303  
p106=-117.554;38.500  
p107=-117.694;39.000  
p108=-117.828;39.500  
p109=-117.920;40.000  
p110=-117.996;40.500  
p111=-118.000;40.531  
p112=-118.053;41.000  
p113=-118.060;41.500  
p114=-118.043;42.000  
p115=-118.000;42.485