

[FormatInfo]  
format\_ver=1

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

[COHeader]  
beam\_id=RU22  
emi\_rcp=R  
polar\_disc=C  
reason=C  
n\_bore=1  
n\_cont=7

[B1]  
gain=0.00  
p=-100.388;34.255

[C1]  
gain=-2.00  
n\_point=31  
p1=-102.000;35.557  
p2=-101.500;35.925  
p3=-101.297;36.000  
p4=-101.000;36.086  
p5=-100.500;36.096  
p6=-100.170;36.000  
p7=-100.000;35.938  
p8=-99.500;35.583  
p9=-99.421;35.500  
p10=-99.098;35.000  
p11=-99.000;34.751  
p12=-98.927;34.500  
p13=-98.876;34.000  
p14=-98.923;33.500  
p15=-99.000;33.243  
p16=-99.100;33.000  
p17=-99.488;32.500  
p18=-99.500;32.489  
p19=-100.000;32.192  
p20=-100.500;32.065  
p21=-101.000;32.105  
p22=-101.500;32.305  
p23=-101.777;32.500  
p24=-102.000;32.715  
p25=-102.197;33.000  
p26=-102.402;33.500  
p27=-102.498;34.000  
p28=-102.480;34.500  
p29=-102.340;35.000  
p30=-102.052;35.500  
p31=-102.000;35.557

[C2]

```
gain=-4.00
n_point=43
p1=-103.000;35.541
p2=-102.702;36.000
p3=-102.500;36.236
p4=-102.190;36.500
p5=-102.000;36.632
p6=-101.500;36.857
p7=-101.000;36.965
p8=-100.500;36.961
p9=-100.000;36.846
p10=-99.500;36.593
p11=-99.373;36.500
p12=-99.000;36.181
p13=-98.841;36.000
p14=-98.500;35.526
p15=-98.485;35.500
p16=-98.297;35.000
p17=-98.184;34.500
p18=-98.147;34.000
p19=-98.187;33.500
p20=-98.310;33.000
p21=-98.500;32.572
p22=-98.541;32.500
p23=-98.929;32.000
p24=-99.000;31.927
p25=-99.500;31.552
p26=-99.608;31.500
p27=-100.000;31.345
p28=-100.500;31.257
p29=-101.000;31.281
p30=-101.500;31.413
p31=-101.681;31.500
p32=-102.000;31.683
p33=-102.384;32.000
p34=-102.500;32.121
p35=-102.772;32.500
p36=-103.000;32.919
p37=-103.036;33.000
p38=-103.176;33.500
p39=-103.249;34.000
p40=-103.251;34.500
p41=-103.182;35.000
p42=-103.021;35.500
p43=-103.000;35.541
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[C3]

```
gain=-6.00
n_point=53
p1=-103.500;35.906
p2=-103.452;36.000
p3=-103.125;36.500
p4=-103.000;36.656
p5=-102.636;37.000
p6=-102.500;37.109
p7=-102.000;37.392
p8=-101.706;37.500
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p9=-101.500;37.562  
p10=-101.000;37.633  
p11=-100.500;37.626  
p12=-100.000;37.542  
p13=-99.882;37.500  
p14=-99.500;37.335  
p15=-99.000;37.015  
p16=-98.982;37.000  
p17=-98.500;36.534  
p18=-98.472;36.500  
p19=-98.123;36.000  
p20=-98.000;35.784  
p21=-97.870;35.500  
p22=-97.721;35.000  
p23=-97.636;34.500  
p24=-97.614;34.000  
p25=-97.655;33.500  
p26=-97.760;33.000  
p27=-97.944;32.500  
p28=-98.000;32.385  
p29=-98.237;32.000  
p30=-98.500;31.647  
p31=-98.643;31.500  
p32=-99.000;31.194  
p33=-99.304;31.000  
p34=-99.500;30.893  
p35=-100.000;30.714  
p36=-100.500;30.631  
p37=-101.000;30.643  
p38=-101.500;30.750  
p39=-102.000;30.953  
p40=-102.079;31.000  
p41=-102.500;31.290  
p42=-102.729;31.500  
p43=-103.000;31.801  
p44=-103.144;32.000  
p45=-103.441;32.500  
p46=-103.500;32.631  
p47=-103.640;33.000  
p48=-103.765;33.500  
p49=-103.834;34.000  
p50=-103.845;34.500  
p51=-103.795;35.000  
p52=-103.666;35.500  
p53=-103.500;35.906

[C4]

gain=-8.00  
n\_point=61  
p1=-104.000;36.015  
p2=-103.742;36.500  
p3=-103.500;36.868  
p4=-103.394;37.000  
p5=-103.000;37.402  
p6=-102.879;37.500  
p7=-102.500;37.753  
p8=-102.000;37.990

p9=-101.967;38.000  
p10=-101.500;38.123  
p11=-101.000;38.184  
p12=-100.500;38.175  
p13=-100.000;38.097  
p14=-99.690;38.000  
p15=-99.500;37.934  
p16=-99.000;37.664  
p17=-98.767;37.500  
p18=-98.500;37.274  
p19=-98.241;37.000  
p20=-98.000;36.707  
p21=-97.860;36.500  
p22=-97.577;36.000  
p23=-97.500;35.833  
p24=-97.380;35.500  
p25=-97.267;35.000  
p26=-97.205;34.500  
p27=-97.194;34.000  
p28=-97.234;33.500  
p29=-97.328;33.000  
p30=-97.485;32.500  
p31=-97.500;32.464  
p32=-97.736;32.000  
p33=-98.000;31.570  
p34=-98.053;31.500  
p35=-98.498;31.000  
p36=-98.500;30.998  
p37=-99.000;30.618  
p38=-99.209;30.500  
p39=-99.500;30.355  
p40=-100.000;30.188  
p41=-100.500;30.102  
p42=-101.000;30.101  
p43=-101.500;30.185  
p44=-102.000;30.356  
p45=-102.279;30.500  
p46=-102.500;30.629  
p47=-102.974;31.000  
p48=-103.000;31.023  
p49=-103.408;31.500  
p50=-103.500;31.627  
p51=-103.727;32.000  
p52=-103.978;32.500  
p53=-104.000;32.557  
p54=-104.146;33.000  
p55=-104.257;33.500  
p56=-104.321;34.000  
p57=-104.330;34.500  
p58=-104.287;35.000  
p59=-104.177;35.500  
p60=-104.007;36.000  
p61=-104.000;36.015

[C5]

gain=-10.00

n\_point=69

p1=-104.500;35.902  
p2=-104.467;36.000  
p3=-104.246;36.500  
p4=-104.000;36.948  
p5=-103.966;37.000  
p6=-103.563;37.500  
p7=-103.500;37.564  
p8=-103.000;37.986  
p9=-102.979;38.000  
p10=-102.500;38.285  
p11=-102.017;38.500  
p12=-102.000;38.507  
p13=-101.500;38.625  
p14=-101.000;38.679  
p15=-100.500;38.670  
p16=-100.000;38.598  
p17=-99.643;38.500  
p18=-99.500;38.457  
p19=-99.000;38.212  
p20=-98.669;38.000  
p21=-98.500;37.881  
p22=-98.070;37.500  
p23=-98.000;37.425  
p24=-97.671;37.000  
p25=-97.500;36.746  
p26=-97.367;36.500  
p27=-97.143;36.000  
p28=-97.000;35.594  
p29=-96.973;35.500  
p30=-96.884;35.000  
p31=-96.838;34.500  
p32=-96.834;34.000  
p33=-96.874;33.500  
p34=-96.958;33.000  
p35=-97.000;32.848  
p36=-97.117;32.500  
p37=-97.333;32.000  
p38=-97.500;31.680  
p39=-97.614;31.500  
p40=-97.980;31.000  
p41=-98.000;30.976  
p42=-98.484;30.500  
p43=-98.500;30.486  
p44=-99.000;30.137  
p45=-99.264;30.000  
p46=-99.500;29.887  
p47=-100.000;29.725  
p48=-100.500;29.635  
p49=-101.000;29.620  
p50=-101.500;29.682  
p51=-102.000;29.823  
p52=-102.396;30.000  
p53=-102.500;30.052  
p54=-103.000;30.393  
p55=-103.124;30.500  
p56=-103.500;30.874  
p57=-103.602;31.000

p58=-103.956;31.500  
p59=-104.000;31.573  
p60=-104.222;32.000  
p61=-104.438;32.500  
p62=-104.500;32.689  
p63=-104.590;33.000  
p64=-104.687;33.500  
p65=-104.740;34.000  
p66=-104.746;34.500  
p67=-104.709;35.000  
p68=-104.616;35.500  
p69=-104.500;35.902

[C6]

gain=-15.00  
n\_point=83  
p1=-105.500;35.579  
p2=-105.396;36.000  
p3=-105.233;36.500  
p4=-105.032;37.000  
p5=-105.000;37.064  
p6=-104.744;37.500  
p7=-104.500;37.846  
p8=-104.374;38.000  
p9=-104.000;38.403  
p10=-103.894;38.500  
p11=-103.500;38.825  
p12=-103.245;39.000  
p13=-103.000;39.146  
p14=-102.500;39.388  
p15=-102.199;39.500  
p16=-102.000;39.566  
p17=-101.500;39.680  
p18=-101.000;39.729  
p19=-100.500;39.727  
p20=-100.000;39.675  
p21=-99.500;39.570  
p22=-99.290;39.500  
p23=-99.000;39.391  
p24=-98.500;39.131  
p25=-98.300;39.000  
p26=-98.000;38.783  
p27=-97.678;38.500  
p28=-97.500;38.327  
p29=-97.221;38.000  
p30=-97.000;37.705  
p31=-96.874;37.500  
p32=-96.623;37.000  
p33=-96.500;36.707  
p34=-96.426;36.500  
p35=-96.283;36.000  
p36=-96.177;35.500  
p37=-96.120;35.000  
p38=-96.099;34.500  
p39=-96.115;34.000  
p40=-96.167;33.500  
p41=-96.257;33.000

p42=-96.390;32.500  
p43=-96.500;32.167  
p44=-96.566;32.000  
p45=-96.805;31.500  
p46=-97.000;31.131  
p47=-97.083;31.000  
p48=-97.437;30.500  
p49=-97.500;30.417  
p50=-97.887;30.000  
p51=-98.000;29.883  
p52=-98.452;29.500  
p53=-98.500;29.459  
p54=-99.000;29.123  
p55=-99.237;29.000  
p56=-99.500;28.861  
p57=-100.000;28.677  
p58=-100.500;28.562  
p59=-101.000;28.517  
p60=-101.500;28.541  
p61=-102.000;28.639  
p62=-102.500;28.810  
p63=-102.892;29.000  
p64=-103.000;29.057  
p65=-103.500;29.401  
p66=-103.618;29.500  
p67=-104.000;29.858  
p68=-104.125;30.000  
p69=-104.500;30.490  
p70=-104.507;30.500  
p71=-104.801;31.000  
p72=-105.000;31.389  
p73=-105.050;31.500  
p74=-105.243;32.000  
p75=-105.404;32.500  
p76=-105.500;32.915  
p77=-105.517;33.000  
p78=-105.581;33.500  
p79=-105.614;34.000  
p80=-105.617;34.500  
p81=-105.589;35.000  
p82=-105.517;35.500  
p83=-105.500;35.579

[C7]

gain=-20.00  
n\_point=95  
p1=-106.000;36.485  
p2=-105.995;36.500  
p3=-105.809;37.000  
p4=-105.578;37.500  
p5=-105.500;37.644  
p6=-105.278;38.000  
p7=-105.000;38.405  
p8=-104.925;38.500  
p9=-104.500;38.996  
p10=-104.496;39.000  
p11=-104.000;39.431

p12=-103.906;39.500  
p13=-103.500;39.768  
p14=-103.083;40.000  
p15=-103.000;40.043  
p16=-102.500;40.255  
p17=-102.000;40.424  
p18=-101.690;40.500  
p19=-101.500;40.544  
p20=-101.000;40.607  
p21=-100.500;40.617  
p22=-100.000;40.584  
p23=-99.500;40.505  
p24=-99.480;40.500  
p25=-99.000;40.371  
p26=-98.500;40.166  
p27=-98.177;40.000  
p28=-98.000;39.901  
p29=-97.500;39.559  
p30=-97.427;39.500  
p31=-97.000;39.102  
p32=-96.909;39.000  
p33=-96.521;38.500  
p34=-96.500;38.469  
p35=-96.221;38.000  
p36=-96.000;37.547  
p37=-95.979;37.500  
p38=-95.808;37.000  
p39=-95.678;36.500  
p40=-95.585;36.000  
p41=-95.525;35.500  
p42=-95.505;35.000  
p43=-95.515;34.500  
p44=-95.555;34.000  
p45=-95.624;33.500  
p46=-95.722;33.000  
p47=-95.856;32.500  
p48=-96.000;32.031  
p49=-96.011;32.000  
p50=-96.231;31.500  
p51=-96.463;31.000  
p52=-96.500;30.928  
p53=-96.765;30.500  
p54=-97.000;30.134  
p55=-97.105;30.000  
p56=-97.498;29.500  
p57=-97.500;29.498  
p58=-97.967;29.000  
p59=-98.000;28.963  
p60=-98.500;28.520  
p61=-98.528;28.500  
p62=-99.000;28.165  
p63=-99.301;28.000  
p64=-99.500;27.896  
p65=-100.000;27.707  
p66=-100.500;27.587  
p67=-101.000;27.538  
p68=-101.500;27.555



p69=-102.000;27.639  
p70=-102.500;27.785  
p71=-103.000;27.988  
p72=-103.023;28.000  
p73=-103.500;28.280  
p74=-103.814;28.500  
p75=-104.000;28.644  
p76=-104.396;29.000  
p77=-104.500;29.104  
p78=-104.836;29.500  
p79=-105.000;29.719  
p80=-105.181;30.000  
p81=-105.475;30.500  
p82=-105.500;30.549  
p83=-105.703;31.000  
p84=-105.905;31.500  
p85=-106.000;31.773  
p86=-106.067;32.000  
p87=-106.181;32.500  
p88=-106.259;33.000  
p89=-106.309;33.500  
p90=-106.332;34.000  
p91=-106.330;34.500  
p92=-106.302;35.000  
p93=-106.231;35.500  
p94=-106.129;36.000  
p95=-106.000;36.485