

[FormatInfo]
format_ver=1

[GeoMain]
adm=USA
sat_name=SKYTERRA-2
long_nom=-95.000
n_diag=1

[COHeader]
beam_id=RU25
emi_rcp=R
polar_disc=C
reason=C
n_bore=1
n_cont=7

[B1]
gain=0.00
p=-83.941;34.351

[C1]
gain=-2.00
n_point=31
p1=-82.500;35.540
p2=-82.468;35.500
p3=-82.193;35.000
p4=-82.089;34.500
p5=-82.108;34.000
p6=-82.229;33.500
p7=-82.446;33.000
p8=-82.500;32.914
p9=-82.851;32.500
p10=-83.000;32.383
p11=-83.500;32.142
p12=-84.000;32.042
p13=-84.500;32.093
p14=-85.000;32.305
p15=-85.255;32.500
p16=-85.500;32.780
p17=-85.631;33.000
p18=-85.789;33.500
p19=-85.829;34.000
p20=-85.761;34.500
p21=-85.596;35.000
p22=-85.500;35.172
p23=-85.246;35.500
p24=-85.000;35.726
p25=-84.514;36.000
p26=-84.500;36.007
p27=-84.000;36.119
p28=-83.500;36.106
p29=-83.148;36.000
p30=-83.000;35.941
p31=-82.500;35.540

[C2]

gain=-4.00
n_point=47
p1=-81.500;35.536
p2=-81.483;35.500
p3=-81.324;35.000
p4=-81.256;34.500
p5=-81.278;34.000
p6=-81.373;33.500
p7=-81.500;33.097
p8=-81.536;33.000
p9=-81.796;32.500
p10=-82.000;32.211
p11=-82.189;32.000
p12=-82.500;31.730
p13=-82.872;31.500
p14=-83.000;31.433
p15=-83.500;31.269
p16=-84.000;31.207
p17=-84.500;31.247
p18=-85.000;31.391
p19=-85.216;31.500
p20=-85.500;31.672
p21=-85.869;32.000
p22=-86.000;32.148
p23=-86.231;32.500
p24=-86.463;33.000
p25=-86.500;33.165
p26=-86.558;33.500
p27=-86.577;34.000
p28=-86.530;34.500
p29=-86.500;34.636
p30=-86.401;35.000
p31=-86.177;35.500
p32=-86.000;35.795
p33=-85.844;36.000
p34=-85.500;36.364
p35=-85.314;36.500
p36=-85.000;36.700
p37=-84.500;36.919
p38=-84.160;37.000
p39=-84.000;37.032
p40=-83.500;37.045
p41=-83.273;37.000
p42=-83.000;36.932
p43=-82.500;36.691
p44=-82.239;36.500
p45=-82.000;36.280
p46=-81.775;36.000
p47=-81.500;35.536

[C3]
gain=-6.00
n_point=55
p1=-81.000;36.023
p2=-80.988;36.000
p3=-80.801;35.500
p4=-80.680;35.000

p5=-80.630;34.500
p6=-80.648;34.000
p7=-80.724;33.500
p8=-80.864;33.000
p9=-81.000;32.644
p10=-81.064;32.500
p11=-81.357;32.000
p12=-81.500;31.801
p13=-81.764;31.500
p14=-82.000;31.279
p15=-82.392;31.000
p16=-82.500;30.933
p17=-83.000;30.712
p18=-83.500;30.583
p19=-84.000;30.544
p20=-84.500;30.593
p21=-85.000;30.737
p22=-85.500;30.970
p23=-85.545;31.000
p24=-86.000;31.344
p25=-86.159;31.500
p26=-86.500;31.901
p27=-86.566;32.000
p28=-86.831;32.500
p29=-87.000;32.949
p30=-87.015;33.000
p31=-87.096;33.500
p32=-87.116;34.000
p33=-87.079;34.500
p34=-87.000;34.937
p35=-86.986;35.000
p36=-86.805;35.500
p37=-86.560;36.000
p38=-86.500;36.103
p39=-86.212;36.500
p40=-86.000;36.751
p41=-85.716;37.000
p42=-85.500;37.159
p43=-85.000;37.435
p44=-84.830;37.500
p45=-84.500;37.611
p46=-84.000;37.702
p47=-83.500;37.702
p48=-83.000;37.624
p49=-82.600;37.500
p50=-82.500;37.464
p51=-82.000;37.191
p52=-81.744;37.000
p53=-81.500;36.759
p54=-81.293;36.500
p55=-81.000;36.023

[C4]

gain=-8.00
n_point=65
p1=-80.500;36.269
p2=-80.388;36.000

p3=-80.235;35.500
p4=-80.139;35.000
p5=-80.100;34.500
p6=-80.121;34.000
p7=-80.185;33.500
p8=-80.299;33.000
p9=-80.466;32.500
p10=-80.500;32.422
p11=-80.710;32.000
p12=-81.000;31.527
p13=-81.019;31.500
p14=-81.443;31.000
p15=-81.500;30.943
p16=-82.000;30.547
p17=-82.078;30.500
p18=-82.500;30.273
p19=-83.000;30.091
p20=-83.464;30.000
p21=-83.500;29.994
p22=-84.000;29.979
p23=-84.156;30.000
p24=-84.500;30.048
p25=-85.000;30.198
p26=-85.500;30.421
p27=-85.630;30.500
p28=-86.000;30.749
p29=-86.294;31.000
p30=-86.500;31.203
p31=-86.742;31.500
p32=-87.000;31.877
p33=-87.068;32.000
p34=-87.287;32.500
p35=-87.444;33.000
p36=-87.500;33.328
p37=-87.524;33.500
p38=-87.549;34.000
p39=-87.530;34.500
p40=-87.500;34.714
p41=-87.449;35.000
p42=-87.303;35.500
p43=-87.103;36.000
p44=-87.000;36.213
p45=-86.832;36.500
p46=-86.500;36.983
p47=-86.486;37.000
p48=-86.000;37.477
p49=-85.969;37.500
p50=-85.500;37.802
p51=-85.094;38.000
p52=-85.000;38.042
p53=-84.500;38.198
p54=-84.000;38.272
p55=-83.500;38.273
p56=-83.000;38.209
p57=-82.500;38.077
p58=-82.308;38.000
p59=-82.000;37.859

p60=-81.500;37.543
p61=-81.448;37.500
p62=-81.000;37.070
p63=-80.940;37.000
p64=-80.615;36.500
p65=-80.500;36.269

[C5]

gain=-10.00
n_point=71
p1=-80.000;36.317
p2=-79.883;36.000
p3=-79.749;35.500
p4=-79.665;35.000
p5=-79.633;34.500
p6=-79.655;34.000
p7=-79.713;33.500
p8=-79.808;33.000
p9=-79.950;32.500
p10=-80.000;32.367
p11=-80.158;32.000
p12=-80.424;31.500
p13=-80.500;31.375
p14=-80.766;31.000
p15=-81.000;30.714
p16=-81.215;30.500
p17=-81.500;30.254
p18=-81.866;30.000
p19=-82.000;29.917
p20=-82.500;29.684
p21=-83.000;29.533
p22=-83.233;29.500
p23=-83.500;29.467
p24=-84.000;29.480
p25=-84.117;29.500
p26=-84.500;29.568
p27=-85.000;29.725
p28=-85.500;29.944
p29=-85.596;30.000
p30=-86.000;30.254
p31=-86.315;30.500
p32=-86.500;30.660
p33=-86.820;31.000
p34=-87.000;31.219
p35=-87.189;31.500
p36=-87.474;32.000
p37=-87.500;32.057
p38=-87.662;32.500
p39=-87.795;33.000
p40=-87.870;33.500
p41=-87.900;34.000
p42=-87.888;34.500
p43=-87.831;35.000
p44=-87.723;35.500
p45=-87.561;36.000
p46=-87.500;36.155
p47=-87.336;36.500

p48=-87.055;37.000
p49=-87.000;37.084
p50=-86.670;37.500
p51=-86.500;37.681
p52=-86.112;38.000
p53=-86.000;38.083
p54=-85.500;38.376
p55=-85.219;38.500
p56=-85.000;38.590
p57=-84.500;38.727
p58=-84.000;38.787
p59=-83.500;38.788
p60=-83.000;38.732
p61=-82.500;38.616
p62=-82.185;38.500
p63=-82.000;38.425
p64=-81.500;38.138
p65=-81.309;38.000
p66=-81.000;37.745
p67=-80.756;37.500
p68=-80.500;37.200
p69=-80.356;37.000
p70=-80.078;36.500
p71=-80.000;36.317

[C6]

gain=-15.00
n_point=87
p1=-79.000;36.517
p2=-78.994;36.500
p3=-78.855;36.000
p4=-78.751;35.500
p5=-78.680;35.000
p6=-78.643;34.500
p7=-78.658;34.000
p8=-78.710;33.500
p9=-78.790;33.000
p10=-78.898;32.500
p11=-79.000;32.118
p12=-79.037;32.000
p13=-79.252;31.500
p14=-79.496;31.000
p15=-79.500;30.993
p16=-79.807;30.500
p17=-80.000;30.217
p18=-80.173;30.000
p19=-80.500;29.641
p20=-80.652;29.500
p21=-81.000;29.208
p22=-81.296;29.000
p23=-81.500;28.873
p24=-82.000;28.625
p25=-82.346;28.500
p26=-82.500;28.451
p27=-83.000;28.363
p28=-83.500;28.341
p29=-84.000;28.385

p30=-84.500;28.497
p31=-84.508;28.500
p32=-85.000;28.686
p33=-85.500;28.937
p34=-85.596;29.000
p35=-86.000;29.255
p36=-86.324;29.500
p37=-86.500;29.634
p38=-86.909;30.000
p39=-87.000;30.088
p40=-87.358;30.500
p41=-87.500;30.679
p42=-87.712;31.000
p43=-88.000;31.482
p44=-88.009;31.500
p45=-88.207;32.000
p46=-88.373;32.500
p47=-88.500;32.999
p48=-88.500;33.000
p49=-88.560;33.500
p50=-88.596;34.000
p51=-88.609;34.500
p52=-88.596;35.000
p53=-88.553;35.500
p54=-88.500;35.847
p55=-88.471;36.000
p56=-88.344;36.500
p57=-88.174;37.000
p58=-88.000;37.403
p59=-87.950;37.500
p60=-87.639;38.000
p61=-87.500;38.192
p62=-87.237;38.500
p63=-87.000;38.743
p64=-86.684;39.000
p65=-86.500;39.131
p66=-86.000;39.418
p67=-85.817;39.500
p68=-85.500;39.630
p69=-85.000;39.773
p70=-84.500;39.853
p71=-84.000;39.887
p72=-83.500;39.875
p73=-83.000;39.815
p74=-82.500;39.699
p75=-82.000;39.539
p76=-81.905;39.500
p77=-81.500;39.320
p78=-81.000;39.048
p79=-80.925;39.000
p80=-80.500;38.681
p81=-80.293;38.500
p82=-80.000;38.198
p83=-79.835;38.000
p84=-79.500;37.541
p85=-79.474;37.500
p86=-79.203;37.000

p87=-79.000;36.517

[C7]

gain=-20.00

n_point=101

p1=-78.000;36.038

p2=-77.991;36.000

p3=-77.910;35.500

p4=-77.859;35.000

p5=-77.837;34.500

p6=-77.849;34.000

p7=-77.891;33.500

p8=-77.970;33.000

p9=-78.000;32.855

p10=-78.082;32.500

p11=-78.221;32.000

p12=-78.384;31.500

p13=-78.500;31.209

p14=-78.600;31.000

p15=-78.858;30.500

p16=-79.000;30.238

p17=-79.148;30.000

p18=-79.480;29.500

p19=-79.500;29.473

p20=-79.913;29.000

p21=-80.000;28.908

p22=-80.455;28.500

p23=-80.500;28.462

p24=-81.000;28.109

p25=-81.189;28.000

p26=-81.500;27.835

p27=-82.000;27.638

p28=-82.500;27.503

p29=-82.522;27.500

p30=-83.000;27.435

p31=-83.500;27.423

p32=-84.000;27.466

p33=-84.166;27.500

p34=-84.500;27.578

p35=-85.000;27.765

p36=-85.451;28.000

p37=-85.500;28.027

p38=-86.000;28.384

p39=-86.128;28.500

p40=-86.500;28.813

p41=-86.681;29.000

p42=-87.000;29.296

p43=-87.186;29.500

p44=-87.500;29.829

p45=-87.641;30.000

p46=-88.000;30.466

p47=-88.022;30.500

p48=-88.310;31.000

p49=-88.500;31.364

p50=-88.557;31.500

p51=-88.725;32.000

p52=-88.869;32.500

p53=-88.990;33.000
p54=-89.000;33.059
p55=-89.055;33.500
p56=-89.113;34.000
p57=-89.162;34.500
p58=-89.201;35.000
p59=-89.222;35.500
p60=-89.214;36.000
p61=-89.176;36.500
p62=-89.103;37.000
p63=-89.000;37.440
p64=-88.984;37.500
p65=-88.788;38.000
p66=-88.531;38.500
p67=-88.500;38.552
p68=-88.192;39.000
p69=-88.000;39.230
p70=-87.742;39.500
p71=-87.500;39.717
p72=-87.112;40.000
p73=-87.000;40.074
p74=-86.500;40.347
p75=-86.151;40.500
p76=-86.000;40.559
p77=-85.500;40.704
p78=-85.000;40.792
p79=-84.500;40.837
p80=-84.000;40.842
p81=-83.500;40.801
p82=-83.000;40.716
p83=-82.500;40.600
p84=-82.156;40.500
p85=-82.000;40.449
p86=-81.500;40.247
p87=-81.000;40.001
p88=-80.998;40.000
p89=-80.500;39.690
p90=-80.226;39.500
p91=-80.000;39.327
p92=-79.620;39.000
p93=-79.500;38.881
p94=-79.154;38.500
p95=-79.000;38.293
p96=-78.801;38.000
p97=-78.516;37.500
p98=-78.500;37.467
p99=-78.291;37.000
p100=-78.117;36.500
p101=-78.000;36.038