

[FormatInfo]
format_ver=1

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

[COHeader]
beam_id=RU28
emi_rcp=R
polar_disc=C
reason=C
n_bore=1
n_cont=7

[B1]
gain=0.00
p=-97.847;28.803

[C1]
gain=-2.00
n_point=27
p1=-99.000;30.367
p2=-98.878;30.500
p3=-98.500;30.792
p4=-98.000;30.976
p5=-97.500;30.971
p6=-97.000;30.779
p7=-96.633;30.500
p8=-96.500;30.357
p9=-96.282;30.000
p10=-96.114;29.500
p11=-96.072;29.000
p12=-96.156;28.500
p13=-96.365;28.000
p14=-96.500;27.796
p15=-96.798;27.500
p16=-97.000;27.353
p17=-97.500;27.175
p18=-98.000;27.185
p19=-98.500;27.383
p20=-98.653;27.500
p21=-99.000;27.858
p22=-99.093;28.000
p23=-99.305;28.500
p24=-99.401;29.000
p25=-99.369;29.500
p26=-99.216;30.000
p27=-99.000;30.367

[C2]
gain=-4.00
n_point=43
p1=-100.000;29.887
p2=-99.975;30.000

p3=-99.754;30.500
p4=-99.500;30.905
p5=-99.420;31.000
p6=-99.000;31.387
p7=-98.818;31.500
p8=-98.500;31.662
p9=-98.000;31.781
p10=-97.500;31.774
p11=-97.000;31.645
p12=-96.713;31.500
p13=-96.500;31.371
p14=-96.093;31.000
p15=-96.000;30.893
p16=-95.748;30.500
p17=-95.522;30.000
p18=-95.500;29.912
p19=-95.422;29.500
p20=-95.400;29.000
p21=-95.451;28.500
p22=-95.500;28.300
p23=-95.595;28.000
p24=-95.843;27.500
p25=-96.000;27.264
p26=-96.237;27.000
p27=-96.500;26.764
p28=-96.942;26.500
p29=-97.000;26.471
p30=-97.500;26.348
p31=-98.000;26.350
p32=-98.500;26.478
p33=-98.543;26.500
p34=-99.000;26.780
p35=-99.239;27.000
p36=-99.500;27.298
p37=-99.633;27.500
p38=-99.881;28.000
p39=-100.000;28.372
p40=-100.032;28.500
p41=-100.085;29.000
p42=-100.068;29.500
p43=-100.000;29.887

[C3]

gain=-6.00
n_point=51
p1=-100.500;30.041
p2=-100.340;30.500
p3=-100.092;31.000
p4=-100.000;31.145
p5=-99.713;31.500
p6=-99.500;31.719
p7=-99.133;32.000
p8=-99.000;32.087
p9=-98.500;32.307
p10=-98.000;32.416
p11=-97.500;32.409
p12=-97.000;32.295

p13=-96.500;32.075
p14=-96.387;32.000
p15=-96.000;31.703
p16=-95.804;31.500
p17=-95.500;31.126
p18=-95.420;31.000
p19=-95.169;30.500
p20=-95.000;30.022
p21=-94.994;30.000
p22=-94.919;29.500
p23=-94.903;29.000
p24=-94.947;28.500
p25=-95.000;28.241
p26=-95.062;28.000
p27=-95.261;27.500
p28=-95.500;27.044
p29=-95.529;27.000
p30=-95.942;26.500
p31=-96.000;26.441
p32=-96.500;26.059
p33=-96.616;26.000
p34=-97.000;25.827
p35=-97.500;25.711
p36=-98.000;25.706
p37=-98.500;25.812
p38=-98.925;26.000
p39=-99.000;26.038
p40=-99.500;26.424
p41=-99.573;26.500
p42=-99.978;27.000
p43=-100.000;27.033
p44=-100.243;27.500
p45=-100.435;28.000
p46=-100.500;28.261
p47=-100.548;28.500
p48=-100.593;29.000
p49=-100.581;29.500
p50=-100.511;30.000
p51=-100.500;30.041

[C4]

gain=-8.00
n_point=59
p1=-101.000;29.576
p2=-100.941;30.000
p3=-100.798;30.500
p4=-100.595;31.000
p5=-100.500;31.184
p6=-100.298;31.500
p7=-100.000;31.887
p8=-99.890;32.000
p9=-99.500;32.344
p10=-99.264;32.500
p11=-99.000;32.654
p12=-98.500;32.851
p13=-98.000;32.953
p14=-97.500;32.947

p15=-97.000;32.846
p16=-96.500;32.649
p17=-96.248;32.500
p18=-96.000;32.335
p19=-95.629;32.000
p20=-95.500;31.867
p21=-95.224;31.500
p22=-95.000;31.149
p23=-94.924;31.000
p24=-94.722;30.500
p25=-94.580;30.000
p26=-94.505;29.500
p27=-94.500;29.333
p28=-94.493;29.000
p29=-94.500;28.905
p30=-94.539;28.500
p31=-94.647;28.000
p32=-94.811;27.500
p33=-95.000;27.060
p34=-95.032;27.000
p35=-95.360;26.500
p36=-95.500;26.316
p37=-95.808;26.000
p38=-96.000;25.823
p39=-96.469;25.500
p40=-96.500;25.480
p41=-97.000;25.266
p42=-97.500;25.154
p43=-98.000;25.142
p44=-98.500;25.232
p45=-99.000;25.427
p46=-99.120;25.500
p47=-99.500;25.754
p48=-99.769;26.000
p49=-100.000;26.241
p50=-100.194;26.500
p51=-100.500;26.980
p52=-100.510;27.000
p53=-100.719;27.500
p54=-100.873;28.000
p55=-100.975;28.500
p56=-101.000;28.770
p57=-101.018;29.000
p58=-101.009;29.500
p59=-101.000;29.576

[C5]

gain=-10.00
n_point=63
p1=-101.000;31.032
p2=-100.754;31.500
p3=-100.500;31.904
p4=-100.426;32.000
p5=-100.000;32.477
p6=-99.974;32.500
p7=-99.500;32.871
p8=-99.282;33.000

p9=-99.000;33.145
p10=-98.500;33.320
p11=-98.000;33.414
p12=-97.500;33.413
p13=-97.000;33.325
p14=-96.500;33.152
p15=-96.211;33.000
p16=-96.000;32.875
p17=-95.535;32.500
p18=-95.500;32.469
p19=-95.095;32.000
p20=-95.000;31.874
p21=-94.774;31.500
p22=-94.517;31.000
p23=-94.500;30.959
p24=-94.348;30.500
p25=-94.233;30.000
p26=-94.173;29.500
p27=-94.164;29.000
p28=-94.206;28.500
p29=-94.297;28.000
p30=-94.434;27.500
p31=-94.500;27.317
p32=-94.641;27.000
p33=-94.907;26.500
p34=-95.000;26.350
p35=-95.269;26.000
p36=-95.500;25.727
p37=-95.746;25.500
p38=-96.000;25.279
p39=-96.432;25.000
p40=-96.500;24.958
p41=-97.000;24.752
p42=-97.500;24.640
p43=-98.000;24.622
p44=-98.500;24.700
p45=-99.000;24.875
p46=-99.228;25.000
p47=-99.500;25.163
p48=-99.908;25.500
p49=-100.000;25.584
p50=-100.354;26.000
p51=-100.500;26.196
p52=-100.684;26.500
p53=-100.940;27.000
p54=-101.000;27.145
p55=-101.119;27.500
p56=-101.246;28.000
p57=-101.331;28.500
p58=-101.369;29.000
p59=-101.360;29.500
p60=-101.302;30.000
p61=-101.182;30.500
p62=-101.014;31.000
p63=-101.000;31.032

[C6]

gain=-15.00
n_point=81
p1=-102.000;30.260
p2=-101.949;30.500
p3=-101.801;31.000
p4=-101.613;31.500
p5=-101.500;31.753
p6=-101.367;32.000
p7=-101.061;32.500
p8=-101.000;32.589
p9=-100.660;33.000
p10=-100.500;33.172
p11=-100.128;33.500
p12=-100.000;33.607
p13=-99.500;33.937
p14=-99.374;34.000
p15=-99.000;34.178
p16=-98.500;34.341
p17=-98.000;34.433
p18=-97.500;34.448
p19=-97.000;34.379
p20=-96.500;34.235
p21=-96.000;34.008
p22=-95.987;34.000
p23=-95.500;33.678
p24=-95.295;33.500
p25=-95.000;33.225
p26=-94.809;33.000
p27=-94.500;32.597
p28=-94.441;32.500
p29=-94.162;32.000
p30=-94.000;31.673
p31=-93.933;31.500
p32=-93.768;31.000
p33=-93.633;30.500
p34=-93.537;30.000
p35=-93.500;29.630
p36=-93.490;29.500
p37=-93.485;29.000
p38=-93.500;28.748
p39=-93.519;28.500
p40=-93.601;28.000
p41=-93.724;27.500
p42=-93.880;27.000
p43=-94.000;26.673
p44=-94.079;26.500
p45=-94.336;26.000
p46=-94.500;25.704
p47=-94.640;25.500
p48=-94.999;25.000
p49=-95.000;24.999
p50=-95.469;24.500
p51=-95.500;24.469
p52=-96.000;24.074
p53=-96.124;24.000
p54=-96.500;23.793
p55=-97.000;23.601

p56=-97.469;23.500
p57=-97.500;23.494
p58=-98.000;23.472
p59=-98.261;23.500
p60=-98.500;23.529
p61=-99.000;23.672
p62=-99.500;23.897
p63=-99.667;24.000
p64=-100.000;24.228
p65=-100.313;24.500
p66=-100.500;24.680
p67=-100.770;25.000
p68=-101.000;25.304
p69=-101.124;25.500
p70=-101.405;26.000
p71=-101.500;26.198
p72=-101.620;26.500
p73=-101.786;27.000
p74=-101.921;27.500
p75=-102.000;27.890
p76=-102.019;28.000
p77=-102.074;28.500
p78=-102.098;29.000
p79=-102.089;29.500
p80=-102.045;30.000
p81=-102.000;30.260

[C7]

gain=-20.00
n_point=91
p1=-102.500;30.632
p2=-102.402;31.000
p3=-102.234;31.500
p4=-102.040;32.000
p5=-102.000;32.091
p6=-101.781;32.500
p7=-101.500;32.985
p8=-101.489;33.000
p9=-101.099;33.500
p10=-101.000;33.623
p11=-100.632;34.000
p12=-100.500;34.133
p13=-100.050;34.500
p14=-100.000;34.540
p15=-99.500;34.855
p16=-99.198;35.000
p17=-99.000;35.093
p18=-98.500;35.258
p19=-98.000;35.356
p20=-97.500;35.387
p21=-97.000;35.338
p22=-96.500;35.219
p23=-96.000;35.025
p24=-95.953;35.000
p25=-95.500;34.742
p26=-95.181;34.500
p27=-95.000;34.353

p28=-94.658;34.000
p29=-94.500;33.825
p30=-94.269;33.500
p31=-94.000;33.089
p32=-93.954;33.000
p33=-93.719;32.500
p34=-93.507;32.000
p35=-93.500;31.982
p36=-93.357;31.500
p37=-93.227;31.000
p38=-93.119;30.500
p39=-93.040;30.000
p40=-93.000;29.510
p41=-92.999;29.500
p42=-92.997;29.000
p43=-93.000;28.927
p44=-93.029;28.500
p45=-93.098;28.000
p46=-93.200;27.500
p47=-93.329;27.000
p48=-93.479;26.500
p49=-93.500;26.436
p50=-93.685;26.000
p51=-93.909;25.500
p52=-94.000;25.304
p53=-94.176;25.000
p54=-94.482;24.500
p55=-94.500;24.473
p56=-94.883;24.000
p57=-95.000;23.870
p58=-95.400;23.500
p59=-95.500;23.418
p60=-96.000;23.082
p61=-96.158;23.000
p62=-96.500;22.843
p63=-97.000;22.679
p64=-97.500;22.583
p65=-98.000;22.560
p66=-98.500;22.608
p67=-99.000;22.728
p68=-99.500;22.917
p69=-99.659;23.000
p70=-100.000;23.196
p71=-100.425;23.500
p72=-100.500;23.559
p73=-100.962;24.000
p74=-101.000;24.040
p75=-101.367;24.500
p76=-101.500;24.686
p77=-101.692;25.000
p78=-101.966;25.500
p79=-102.000;25.572
p80=-102.165;26.000
p81=-102.325;26.500
p82=-102.456;27.000
p83=-102.500;27.210
p84=-102.550;27.500

p85=-102.613;28.000
p86=-102.652;28.500
p87=-102.665;29.000
p88=-102.651;29.500
p89=-102.608;30.000
p90=-102.529;30.500
p91=-102.500;30.632