

[FormatInfo]
format_ver=1

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

[COHeader]
beam_id=RU14
emi_rcp=R
polar_disc=C
reason=C
n_bore=1
n_cont=7

[B1]
gain=0.00
p=-98.302;39.566

[C1]
gain=-2.00
n_point=35
p1=-100.000;40.390
p2=-99.965;40.500
p3=-99.691;41.000
p4=-99.500;41.201
p5=-99.085;41.500
p6=-99.000;41.549
p7=-98.500;41.689
p8=-98.000;41.680
p9=-97.500;41.552
p10=-97.393;41.500
p11=-97.000;41.270
p12=-96.709;41.000
p13=-96.500;40.688
p14=-96.411;40.500
p15=-96.256;40.000
p16=-96.188;39.500
p17=-96.252;39.000
p18=-96.422;38.500
p19=-96.500;38.352
p20=-96.748;38.000
p21=-97.000;37.740
p22=-97.397;37.500
p23=-97.500;37.457
p24=-98.000;37.378
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p26=-98.742;37.500
p27=-99.000;37.619
p28=-99.499;38.000
p29=-99.500;38.001
p30=-99.834;38.500
p31=-100.000;38.867
p32=-100.048;39.000
p33=-100.127;39.500

p34=-100.093;40.000
p35=-100.000;40.390

[C2]

gain=-4.00
n_point=47
p1=-100.500;41.455
p2=-100.468;41.500
p3=-100.028;42.000
p4=-100.000;42.026
p5=-99.500;42.380
p6=-99.248;42.500
p7=-99.000;42.590
p8=-98.500;42.688
p9=-98.000;42.670
p10=-97.500;42.574
p11=-97.289;42.500
p12=-97.000;42.374
p13=-96.500;42.045
p14=-96.452;42.000
p15=-96.000;41.503
p16=-95.997;41.500
p17=-95.696;41.000
p18=-95.512;40.500
p19=-95.500;40.451
p20=-95.414;40.000
p21=-95.378;39.500
p22=-95.430;39.000
p23=-95.500;38.718
p24=-95.564;38.500
p25=-95.785;38.000
p26=-96.000;37.636
p27=-96.100;37.500
p28=-96.500;37.115
p29=-96.659;37.000
p30=-97.000;36.797
p31=-97.500;36.613
p32=-98.000;36.548
p33=-98.500;36.588
p34=-99.000;36.728
p35=-99.500;36.962
p36=-99.559;37.000
p37=-100.000;37.349
p38=-100.143;37.500
p39=-100.491;38.000
p40=-100.500;38.016
p41=-100.721;38.500
p42=-100.890;39.000
p43=-100.976;39.500
p44=-100.972;40.000
p45=-100.899;40.500
p46=-100.750;41.000
p47=-100.500;41.455

[C3]

gain=-6.00
n_point=59

p1=-101.500;40.880
p2=-101.472;41.000
p3=-101.262;41.500
p4=-101.000;41.985
p5=-100.990;42.000
p6=-100.593;42.500
p7=-100.500;42.589
p8=-100.000;42.942
p9=-99.890;43.000
p10=-99.500;43.182
p11=-99.000;43.339
p12=-98.500;43.423
p13=-98.000;43.407
p14=-97.500;43.315
p15=-97.000;43.155
p16=-96.663;43.000
p17=-96.500;42.916
p18=-96.000;42.537
p19=-95.960;42.500
p20=-95.534;42.000
p21=-95.500;41.954
p22=-95.223;41.500
p23=-95.000;41.046
p24=-94.981;41.000
p25=-94.859;40.500
p26=-94.787;40.000
p27=-94.766;39.500
p28=-94.823;39.000
p29=-94.939;38.500
p30=-95.000;38.319
p31=-95.124;38.000
p32=-95.381;37.500
p33=-95.500;37.332
p34=-95.779;37.000
p35=-96.000;36.779
p36=-96.345;36.500
p37=-96.500;36.393
p38=-97.000;36.135
p39=-97.410;36.000
p40=-97.500;35.975
p41=-98.000;35.926
p42=-98.500;35.954
p43=-98.725;36.000
p44=-99.000;36.067
p45=-99.500;36.271
p46=-99.907;36.500
p47=-100.000;36.561
p48=-100.500;36.997
p49=-100.503;37.000
p50=-100.902;37.500
p51=-101.000;37.663
p52=-101.178;38.000
p53=-101.388;38.500
p54=-101.500;38.851
p55=-101.541;39.000
p56=-101.614;39.500
p57=-101.620;40.000

p58=-101.575;40.500
p59=-101.500;40.880

[C4]

gain=-8.00
n_point=69
p1=-102.000;41.152
p2=-101.881;41.500
p3=-101.659;42.000
p4=-101.500;42.290
p5=-101.364;42.500
p6=-101.000;42.921
p7=-100.917;43.000
p8=-100.500;43.355
p9=-100.272;43.500
p10=-100.000;43.658
p11=-99.500;43.862
p12=-99.000;43.999
p13=-98.993;44.000
p14=-98.500;44.060
p15=-98.000;44.050
p16=-97.666;44.000
p17=-97.500;43.971
p18=-97.000;43.820
p19=-96.500;43.608
p20=-96.326;43.500
p21=-96.000;43.279
p22=-95.662;43.000
p23=-95.500;42.850
p24=-95.183;42.500
p25=-95.000;42.242
p26=-94.855;42.000
p27=-94.600;41.500
p28=-94.500;41.254
p29=-94.416;41.000
p30=-94.323;40.500
p31=-94.273;40.000
p32=-94.266;39.500
p33=-94.323;39.000
p34=-94.431;38.500
p35=-94.500;38.271
p36=-94.597;38.000
p37=-94.828;37.500
p38=-95.000;37.225
p39=-95.162;37.000
p40=-95.500;36.599
p41=-95.598;36.500
p42=-96.000;36.154
p43=-96.220;36.000
p44=-96.500;35.830
p45=-97.000;35.601
p46=-97.336;35.500
p47=-97.500;35.460
p48=-98.000;35.416
p49=-98.500;35.436
p50=-98.875;35.500
p51=-99.000;35.526

p52=-99.500;35.703
p53=-100.000;35.949
p54=-100.080;36.000
p55=-100.500;36.310
p56=-100.708;36.500
p57=-101.000;36.807
p58=-101.161;37.000
p59=-101.500;37.483
p60=-101.511;37.500
p61=-101.751;38.000
p62=-101.946;38.500
p63=-102.000;38.693
p64=-102.075;39.000
p65=-102.141;39.500
p66=-102.152;40.000
p67=-102.123;40.500
p68=-102.045;41.000
p69=-102.000;41.152

[C5]

gain=-10.00
n_point=77
p1=-102.500;41.187
p2=-102.411;41.500
p3=-102.226;42.000
p4=-102.000;42.483
p5=-101.991;42.500
p6=-101.626;43.000
p7=-101.500;43.151
p8=-101.159;43.500
p9=-101.000;43.643
p10=-100.525;44.000
p11=-100.500;44.016
p12=-100.000;44.263
p13=-99.500;44.429
p14=-99.179;44.500
p15=-99.000;44.537
p16=-98.500;44.590
p17=-98.000;44.583
p18=-97.500;44.510
p19=-97.457;44.500
p20=-97.000;44.383
p21=-96.500;44.204
p22=-96.104;44.000
p23=-96.000;43.935
p24=-95.500;43.556
p25=-95.438;43.500
p26=-95.000;43.071
p27=-94.938;43.000
p28=-94.554;42.500
p29=-94.500;42.410
p30=-94.299;42.000
p31=-94.095;41.500
p32=-94.000;41.201
p33=-93.944;41.000
p34=-93.869;40.500
p35=-93.834;40.000

p36=-93.836;39.500
p37=-93.897;39.000
p38=-94.000;38.506
p39=-94.001;38.500
p40=-94.163;38.000
p41=-94.367;37.500
p42=-94.500;37.259
p43=-94.666;37.000
p44=-95.000;36.548
p45=-95.040;36.500
p46=-95.500;36.029
p47=-95.533;36.000
p48=-96.000;35.645
p49=-96.235;35.500
p50=-96.500;35.364
p51=-97.000;35.169
p52=-97.500;35.038
p53=-97.863;35.000
p54=-98.000;34.987
p55=-98.471;35.000
p56=-98.500;35.001
p57=-99.000;35.082
p58=-99.500;35.226
p59=-100.000;35.433
p60=-100.126;35.500
p61=-100.500;35.736
p62=-100.834;36.000
p63=-101.000;36.152
p64=-101.333;36.500
p65=-101.500;36.701
p66=-101.721;37.000
p67=-102.000;37.444
p68=-102.032;37.500
p69=-102.249;38.000
p70=-102.420;38.500
p71=-102.500;38.815
p72=-102.543;39.000
p73=-102.609;39.500
p74=-102.627;40.000
p75=-102.609;40.500
p76=-102.546;41.000
p77=-102.500;41.187

[C6]

gain=-15.00
n_point=91
p1=-103.500;41.468
p2=-103.493;41.500
p3=-103.355;42.000
p4=-103.177;42.500
p5=-103.000;42.870
p6=-102.930;43.000
p7=-102.626;43.500
p8=-102.500;43.681
p9=-102.249;44.000
p10=-102.000;44.261
p11=-101.726;44.500

p12=-101.500;44.687
p13=-101.041;45.000
p14=-101.000;45.025
p15=-100.500;45.279
p16=-100.000;45.486
p17=-99.952;45.500
p18=-99.500;45.616
p19=-99.000;45.693
p20=-98.500;45.732
p21=-98.000;45.732
p22=-97.500;45.669
p23=-97.000;45.571
p24=-96.739;45.500
p25=-96.500;45.426
p26=-96.000;45.208
p27=-95.614;45.000
p28=-95.500;44.932
p29=-95.000;44.588
p30=-94.890;44.500
p31=-94.500;44.164
p32=-94.341;44.000
p33=-94.000;43.570
p34=-93.950;43.500
p35=-93.630;43.000
p36=-93.500;42.764
p37=-93.369;42.500
p38=-93.186;42.000
p39=-93.040;41.500
p40=-93.000;41.316
p41=-92.938;41.000
p42=-92.897;40.500
p43=-92.889;40.000
p44=-92.913;39.500
p45=-92.987;39.000
p46=-93.000;38.944
p47=-93.106;38.500
p48=-93.259;38.000
p49=-93.448;37.500
p50=-93.500;37.397
p51=-93.709;37.000
p52=-94.000;36.518
p53=-94.012;36.500
p54=-94.390;36.000
p55=-94.500;35.872
p56=-94.860;35.500
p57=-95.000;35.375
p58=-95.485;35.000
p59=-95.500;34.989
p60=-96.000;34.690
p61=-96.386;34.500
p62=-96.500;34.447
p63=-97.000;34.271
p64=-97.500;34.148
p65=-98.000;34.082
p66=-98.500;34.074
p67=-99.000;34.117
p68=-99.500;34.212

p69=-100.000;34.362
p70=-100.332;34.500
p71=-100.500;34.575
p72=-101.000;34.859
p73=-101.199;35.000
p74=-101.500;35.235
p75=-101.792;35.500
p76=-102.000;35.716
p77=-102.243;36.000
p78=-102.500;36.343
p79=-102.607;36.500
p80=-102.902;37.000
p81=-103.000;37.198
p82=-103.136;37.500
p83=-103.314;38.000
p84=-103.458;38.500
p85=-103.500;38.687
p86=-103.566;39.000
p87=-103.626;39.500
p88=-103.648;40.000
p89=-103.639;40.500
p90=-103.590;41.000
p91=-103.500;41.468

[C7]

gain=-20.00
n_point=105
p1=-104.500;40.525
p2=-104.457;41.000
p3=-104.369;41.500
p4=-104.257;42.000
p5=-104.112;42.500
p6=-104.000;42.786
p7=-103.908;43.000
p8=-103.664;43.500
p9=-103.500;43.789
p10=-103.368;44.000
p11=-103.000;44.481
p12=-102.984;44.500
p13=-102.528;45.000
p14=-102.500;45.027
p15=-102.000;45.453
p16=-101.938;45.500
p17=-101.500;45.789
p18=-101.110;46.000
p19=-101.000;46.058
p20=-100.500;46.271
p21=-100.000;46.447
p22=-99.801;46.500
p23=-99.500;46.567
p24=-99.000;46.626
p25=-98.500;46.656
p26=-98.000;46.656
p27=-97.500;46.607
p28=-97.000;46.525
p29=-96.887;46.500
p30=-96.500;46.398

p31=-96.000;46.216
p32=-95.518;46.000
p33=-95.500;45.991
p34=-95.000;45.719
p35=-94.646;45.500
p36=-94.500;45.394
p37=-94.041;45.000
p38=-94.000;44.961
p39=-93.559;44.500
p40=-93.500;44.433
p41=-93.153;44.000
p42=-93.000;43.760
p43=-92.850;43.500
p44=-92.592;43.000
p45=-92.500;42.788
p46=-92.385;42.500
p47=-92.245;42.000
p48=-92.137;41.500
p49=-92.062;41.000
p50=-92.042;40.500
p51=-92.052;40.000
p52=-92.092;39.500
p53=-92.177;39.000
p54=-92.298;38.500
p55=-92.453;38.000
p56=-92.500;37.880
p57=-92.645;37.500
p58=-92.892;37.000
p59=-93.000;36.815
p60=-93.183;36.500
p61=-93.500;36.035
p62=-93.524;36.000
p63=-93.924;35.500
p64=-94.000;35.417
p65=-94.413;35.000
p66=-94.500;34.917
p67=-95.000;34.504
p68=-95.006;34.500
p69=-95.500;34.159
p70=-95.779;34.000
p71=-96.000;33.874
p72=-96.500;33.646
p73=-96.910;33.500
p74=-97.000;33.465
p75=-97.500;33.325
p76=-98.000;33.233
p77=-98.500;33.192
p78=-99.000;33.195
p79=-99.500;33.246
p80=-100.000;33.349
p81=-100.477;33.500
p82=-100.500;33.507
p83=-101.000;33.725
p84=-101.485;34.000
p85=-101.500;34.009
p86=-102.000;34.383
p87=-102.134;34.500

p88=-102.500;34.844
p89=-102.646;35.000
p90=-103.000;35.417
p91=-103.063;35.500
p92=-103.399;36.000
p93=-103.500;36.172
p94=-103.671;36.500
p95=-103.906;37.000
p96=-104.000;37.236
p97=-104.095;37.500
p98=-104.244;38.000
p99=-104.367;38.500
p100=-104.455;39.000
p101=-104.500;39.499
p102=-104.500;39.500
p103=-104.512;40.000
p104=-104.502;40.500
p105=-104.500;40.525