

[FormatInfo]
format_ver=1

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

[COHeader]
beam_id=RU3
emi_rcp=R
polar_disc=C
reason=C
n_bore=1
n_cont=7

[B1]
gain=0.00
p=-108.807;45.859

[C1]
gain=-2.00
n_point=41
p1=-111.000;47.666
p2=-110.618;48.000
p3=-110.500;48.082
p4=-110.000;48.292
p5=-109.500;48.382
p6=-109.000;48.327
p7=-108.500;48.182
p8=-108.081;48.000
p9=-108.000;47.962
p10=-107.500;47.609
p11=-107.365;47.500
p12=-107.000;47.068
p13=-106.958;47.000
p14=-106.672;46.500
p15=-106.500;46.055
p16=-106.483;46.000
p17=-106.399;45.500
p18=-106.396;45.000
p19=-106.500;44.622
p20=-106.544;44.500
p21=-106.818;44.000
p22=-107.000;43.789
p23=-107.362;43.500
p24=-107.500;43.427
p25=-108.000;43.306
p26=-108.500;43.297
p27=-109.000;43.368
p28=-109.421;43.500
p29=-109.500;43.537
p30=-110.000;43.889
p31=-110.136;44.000
p32=-110.500;44.344
p33=-110.631;44.500

p34=-110.961;45.000
p35=-111.000;45.081
p36=-111.175;45.500
p37=-111.329;46.000
p38=-111.353;46.500
p39=-111.308;47.000
p40=-111.119;47.500
p41=-111.000;47.666

[C2]

gain=-4.00
n_point=61
p1=-112.500;47.405
p2=-112.489;47.500
p3=-112.311;48.000
p4=-112.060;48.500
p5=-112.000;48.570
p6=-111.509;49.000
p7=-111.500;49.007
p8=-111.000;49.292
p9=-110.500;49.476
p10=-110.388;49.500
p11=-110.000;49.566
p12=-109.500;49.549
p13=-109.082;49.500
p14=-109.000;49.490
p15=-108.500;49.345
p16=-108.000;49.138
p17=-107.727;49.000
p18=-107.500;48.872
p19=-107.000;48.506
p20=-106.993;48.500
p21=-106.500;48.016
p22=-106.487;48.000
p23=-106.109;47.500
p24=-106.000;47.312
p25=-105.845;47.000
p26=-105.634;46.500
p27=-105.519;46.000
p28=-105.500;45.856
p29=-105.459;45.500
p30=-105.447;45.000
p31=-105.500;44.653
p32=-105.528;44.500
p33=-105.679;44.000
p34=-105.931;43.500
p35=-106.000;43.402
p36=-106.384;43.000
p37=-106.500;42.900
p38=-107.000;42.592
p39=-107.231;42.500
p40=-107.500;42.415
p41=-108.000;42.332
p42=-108.500;42.333
p43=-109.000;42.416
p44=-109.313;42.500
p45=-109.500;42.557

p46=-110.000;42.775
p47=-110.385;43.000
p48=-110.500;43.075
p49=-111.000;43.446
p50=-111.059;43.500
p51=-111.479;44.000
p52=-111.500;44.027
p53=-111.841;44.500
p54=-112.000;44.796
p55=-112.098;45.000
p56=-112.294;45.500
p57=-112.463;46.000
p58=-112.500;46.344
p59=-112.516;46.500
p60=-112.541;47.000
p61=-112.500;47.405

[C3]

gain=-6.00
n_point=69
p1=-113.000;48.889
p2=-112.927;49.000
p3=-112.537;49.500
p4=-112.500;49.536
p5=-112.000;49.906
p6=-111.837;50.000
p7=-111.500;50.175
p8=-111.000;50.362
p9=-110.500;50.454
p10=-110.000;50.479
p11=-109.500;50.465
p12=-109.000;50.364
p13=-108.500;50.242
p14=-108.000;50.054
p15=-107.882;50.000
p16=-107.500;49.814
p17=-107.000;49.507
p18=-106.991;49.500
p19=-106.500;49.119
p20=-106.366;49.000
p21=-106.000;48.624
p22=-105.896;48.500
p23=-105.525;48.000
p24=-105.500;47.963
p25=-105.236;47.500
p26=-105.041;47.000
p27=-105.000;46.885
p28=-104.878;46.500
p29=-104.791;46.000
p30=-104.750;45.500
p31=-104.752;45.000
p32=-104.834;44.500
p33=-104.948;44.000
p34=-105.000;43.857
p35=-105.150;43.500
p36=-105.444;43.000
p37=-105.500;42.920

p38=-105.861;42.500
p39=-106.000;42.375
p40=-106.500;42.019
p41=-106.540;42.000
p42=-107.000;41.820
p43=-107.500;41.702
p44=-108.000;41.645
p45=-108.500;41.643
p46=-109.000;41.705
p47=-109.500;41.821
p48=-110.000;41.975
p49=-110.062;42.000
p50=-110.500;42.222
p51=-110.952;42.500
p52=-111.000;42.532
p53=-111.500;42.913
p54=-111.597;43.000
p55=-112.000;43.413
p56=-112.079;43.500
p57=-112.449;44.000
p58=-112.500;44.078
p59=-112.756;44.500
p60=-113.000;44.989
p61=-113.005;45.000
p62=-113.177;45.500
p63=-113.329;46.000
p64=-113.414;46.500
p65=-113.462;47.000
p66=-113.438;47.500
p67=-113.358;48.000
p68=-113.204;48.500
p69=-113.000;48.889

[C4]

gain=-8.00
n_point=81
p1=-114.000;48.787
p2=-113.914;49.000
p3=-113.665;49.500
p4=-113.500;49.724
p5=-113.258;50.000
p6=-113.000;50.269
p7=-112.732;50.500
p8=-112.500;50.659
p9=-112.000;50.931
p10=-111.814;51.000
p11=-111.500;51.106
p12=-111.000;51.200
p13=-110.500;51.257
p14=-110.000;51.251
p15=-109.500;51.208
p16=-109.000;51.130
p17=-108.500;51.002
p18=-108.494;51.000
p19=-108.000;50.836
p20=-107.500;50.605
p21=-107.294;50.500

p22=-107.000;50.344
p23=-106.500;50.013
p24=-106.482;50.000
p25=-106.000;49.612
p26=-105.884;49.500
p27=-105.500;49.090
p28=-105.422;49.000
p29=-105.041;48.500
p30=-105.000;48.435
p31=-104.765;48.000
p32=-104.528;47.500
p33=-104.500;47.420
p34=-104.370;47.000
p35=-104.243;46.500
p36=-104.189;46.000
p37=-104.170;45.500
p38=-104.189;45.000
p39=-104.270;44.500
p40=-104.376;44.000
p41=-104.500;43.621
p42=-104.545;43.500
p43=-104.799;43.000
p44=-105.000;42.659
p45=-105.112;42.500
p46=-105.500;42.073
p47=-105.581;42.000
p48=-106.000;41.695
p49=-106.340;41.500
p50=-106.500;41.421
p51=-107.000;41.238
p52=-107.500;41.130
p53=-108.000;41.083
p54=-108.500;41.083
p55=-109.000;41.127
p56=-109.500;41.224
p57=-110.000;41.363
p58=-110.394;41.500
p59=-110.500;41.541
p60=-111.000;41.788
p61=-111.360;42.000
p62=-111.500;42.097
p63=-112.000;42.491
p64=-112.010;42.500
p65=-112.500;42.979
p66=-112.520;43.000
p67=-112.931;43.500
p68=-113.000;43.603
p69=-113.254;44.000
p70=-113.500;44.405
p71=-113.553;44.500
p72=-113.758;45.000
p73=-113.946;45.500
p74=-114.000;45.680
p75=-114.088;46.000
p76=-114.168;46.500
p77=-114.240;47.000
p78=-114.240;47.500

p79=-114.198;48.000
p80=-114.100;48.500
p81=-114.000;48.787

[C5]

gain=-10.00
n_point=89
p1=-114.500;49.616
p2=-114.272;50.000
p3=-114.000;50.407
p4=-113.928;50.500
p5=-113.500;50.940
p6=-113.431;51.000
p7=-113.000;51.337
p8=-112.718;51.500
p9=-112.500;51.604
p10=-112.000;51.762
p11=-111.500;51.873
p12=-111.000;51.936
p13=-110.500;51.949
p14=-110.000;51.942
p15=-109.500;51.882
p16=-109.000;51.802
p17=-108.500;51.676
p18=-108.000;51.518
p19=-107.952;51.500
p20=-107.500;51.318
p21=-107.000;51.081
p22=-106.849;51.000
p23=-106.500;50.786
p24=-106.098;50.500
p25=-106.000;50.429
p26=-105.500;50.018
p27=-105.481;50.000
p28=-105.018;49.500
p29=-105.000;49.479
p30=-104.632;49.000
p31=-104.500;48.791
p32=-104.333;48.500
p33=-104.090;48.000
p34=-104.000;47.783
p35=-103.897;47.500
p36=-103.781;47.000
p37=-103.687;46.500
p38=-103.659;46.000
p39=-103.658;45.500
p40=-103.691;45.000
p41=-103.779;44.500
p42=-103.887;44.000
p43=-104.000;43.619
p44=-104.041;43.500
p45=-104.280;43.000
p46=-104.500;42.549
p47=-104.529;42.500
p48=-104.923;42.000
p49=-105.000;41.914
p50=-105.462;41.500

p51=-105.500;41.470
p52=-106.000;41.151
p53=-106.300;41.000
p54=-106.500;40.916
p55=-107.000;40.756
p56=-107.500;40.647
p57=-108.000;40.597
p58=-108.500;40.588
p59=-109.000;40.616
p60=-109.500;40.684
p61=-110.000;40.799
p62=-110.500;40.951
p63=-110.631;41.000
p64=-111.000;41.152
p65=-111.500;41.415
p66=-111.642;41.500
p67=-112.000;41.736
p68=-112.343;42.000
p69=-112.500;42.142
p70=-112.863;42.500
p71=-113.000;42.642
p72=-113.309;43.000
p73=-113.500;43.260
p74=-113.668;43.500
p75=-113.979;44.000
p76=-114.000;44.038
p77=-114.240;44.500
p78=-114.454;45.000
p79=-114.500;45.131
p80=-114.620;45.500
p81=-114.759;46.000
p82=-114.855;46.500
p83=-114.930;47.000
p84=-114.943;47.500
p85=-114.941;48.000
p86=-114.868;48.500
p87=-114.739;49.000
p88=-114.560;49.500
p89=-114.500;49.616

[C6]

gain=-15.00
n_point=111
p1=-116.000;50.551
p2=-115.777;51.000
p3=-115.504;51.500
p4=-115.500;51.506
p5=-115.141;52.000
p6=-115.000;52.175
p7=-114.688;52.500
p8=-114.500;52.634
p9=-114.000;52.916
p10=-113.785;53.000
p11=-113.500;53.096
p12=-113.000;53.234
p13=-112.500;53.333
p14=-112.000;53.395

p15=-111.500;53.443
p16=-111.000;53.450
p17=-110.500;53.444
p18=-110.000;53.405
p19=-109.500;53.345
p20=-109.000;53.260
p21=-108.500;53.150
p22=-108.000;53.021
p23=-107.936;53.000
p24=-107.500;52.845
p25=-107.000;52.645
p26=-106.693;52.500
p27=-106.500;52.409
p28=-106.000;52.153
p29=-105.736;52.000
p30=-105.500;51.843
p31=-105.028;51.500
p32=-105.000;51.479
p33=-104.500;51.069
p34=-104.420;51.000
p35=-104.000;50.551
p36=-103.957;50.500
p37=-103.545;50.000
p38=-103.500;49.932
p39=-103.234;49.500
p40=-103.000;49.074
p41=-102.962;49.000
p42=-102.764;48.500
p43=-102.608;48.000
p44=-102.500;47.505
p45=-102.499;47.500
p46=-102.453;47.000
p47=-102.427;46.500
p48=-102.476;46.000
p49=-102.500;45.826
p50=-102.542;45.500
p51=-102.641;45.000
p52=-102.781;44.500
p53=-102.927;44.000
p54=-103.000;43.809
p55=-103.118;43.500
p56=-103.338;43.000
p57=-103.500;42.631
p58=-103.565;42.500
p59=-103.869;42.000
p60=-104.000;41.802
p61=-104.235;41.500
p62=-104.500;41.182
p63=-104.681;41.000
p64=-105.000;40.732
p65=-105.324;40.500
p66=-105.500;40.398
p67=-106.000;40.170
p68=-106.454;40.000
p69=-106.500;39.985
p70=-107.000;39.853
p71=-107.500;39.740

p72=-108.000;39.649
p73=-108.500;39.586
p74=-109.000;39.556
p75=-109.500;39.557
p76=-110.000;39.594
p77=-110.500;39.680
p78=-111.000;39.818
p79=-111.500;39.991
p80=-111.520;40.000
p81=-112.000;40.232
p82=-112.456;40.500
p83=-112.500;40.528
p84=-113.000;40.885
p85=-113.140;41.000
p86=-113.500;41.320
p87=-113.691;41.500
p88=-114.000;41.824
p89=-114.148;42.000
p90=-114.500;42.452
p91=-114.536;42.500
p92=-114.887;43.000
p93=-115.000;43.188
p94=-115.177;43.500
p95=-115.454;44.000
p96=-115.500;44.094
p97=-115.682;44.500
p98=-115.886;45.000
p99=-116.000;45.332
p100=-116.052;45.500
p101=-116.185;46.000
p102=-116.293;46.500
p103=-116.381;47.000
p104=-116.431;47.500
p105=-116.471;48.000
p106=-116.451;48.500
p107=-116.411;49.000
p108=-116.333;49.500
p109=-116.196;50.000
p110=-116.023;50.500
p111=-116.000;50.551

[C7]

gain=-20.00
n_point=131
p1=-117.500;50.896
p2=-117.476;51.000
p3=-117.321;51.500
p4=-117.145;52.000
p5=-117.000;52.326
p6=-116.916;52.500
p7=-116.602;53.000
p8=-116.500;53.129
p9=-116.169;53.500
p10=-116.000;53.600
p11=-115.500;53.832
p12=-115.030;54.000
p13=-115.000;54.010

p14=-114.500;54.179
p15=-114.000;54.328
p16=-113.500;54.458
p17=-113.335;54.500
p18=-113.000;54.576
p19=-112.500;54.667
p20=-112.000;54.748
p21=-111.500;54.770
p22=-111.000;54.759
p23=-110.500;54.710
p24=-110.000;54.643
p25=-109.500;54.561
p26=-109.173;54.500
p27=-109.000;54.466
p28=-108.500;54.355
p29=-108.000;54.230
p30=-107.500;54.094
p31=-107.200;54.000
p32=-107.000;53.928
p33=-106.500;53.730
p34=-106.000;53.506
p35=-105.986;53.500
p36=-105.500;53.266
p37=-105.000;53.004
p38=-104.993;53.000
p39=-104.500;52.670
p40=-104.269;52.500
p41=-104.000;52.305
p42=-103.607;52.000
p43=-103.500;51.898
p44=-103.108;51.500
p45=-103.000;51.391
p46=-102.638;51.000
p47=-102.500;50.809
p48=-102.288;50.500
p49=-102.000;50.069
p50=-101.957;50.000
p51=-101.723;49.500
p52=-101.511;49.000
p53=-101.500;48.964
p54=-101.368;48.500
p55=-101.258;48.000
p56=-101.192;47.500
p57=-101.180;47.000
p58=-101.197;46.500
p59=-101.299;46.000
p60=-101.439;45.500
p61=-101.500;45.355
p62=-101.626;45.000
p63=-101.863;44.500
p64=-102.000;44.246
p65=-102.106;44.000
p66=-102.364;43.500
p67=-102.500;43.253
p68=-102.632;43.000
p69=-102.882;42.500
p70=-103.000;42.293

p71=-103.179;42.000
p72=-103.476;41.500
p73=-103.500;41.459
p74=-103.827;41.000
p75=-104.000;40.790
p76=-104.289;40.500
p77=-104.500;40.312
p78=-104.941;40.000
p79=-105.000;39.964
p80=-105.500;39.712
p81=-105.977;39.500
p82=-106.000;39.491
p83=-106.500;39.322
p84=-107.000;39.160
p85=-107.495;39.000
p86=-107.500;38.999
p87=-108.000;38.860
p88=-108.500;38.727
p89=-109.000;38.624
p90=-109.500;38.580
p91=-110.000;38.585
p92=-110.500;38.641
p93=-111.000;38.747
p94=-111.500;38.907
p95=-111.738;39.000
p96=-112.000;39.109
p97=-112.500;39.351
p98=-112.762;39.500
p99=-113.000;39.645
p100=-113.500;39.972
p101=-113.539;40.000
p102=-114.000;40.380
p103=-114.136;40.500
p104=-114.500;40.847
p105=-114.646;41.000
p106=-115.000;41.403
p107=-115.081;41.500
p108=-115.453;42.000
p109=-115.500;42.069
p110=-115.772;42.500
p111=-116.000;42.862
p112=-116.080;43.000
p113=-116.330;43.500
p114=-116.500;43.842
p115=-116.575;44.000
p116=-116.789;44.500
p117=-116.976;45.000
p118=-117.000;45.060
p119=-117.157;45.500
p120=-117.281;46.000
p121=-117.424;46.500
p122=-117.500;46.894
p123=-117.517;47.000
p124=-117.590;47.500
p125=-117.667;48.000
p126=-117.695;48.500
p127=-117.724;49.000

p128=-117.708;49.500
p129=-117.663;50.000
p130=-117.581;50.500
p131=-117.500;50.896