

[FormatInfo]
format_ver=1

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

[COHeader]
beam_id=RU20
emi_rcp=R
polar_disc=C
reason=C
n_bore=1
n_cont=7

[B1]
gain=0.00
p=-112.340;33.899

[C1]
gain=-2.00
n_point=35
p1=-114.000;35.202
p2=-113.821;35.500
p3=-113.500;35.837
p4=-113.241;36.000
p5=-113.000;36.110
p6=-112.500;36.198
p7=-112.000;36.160
p8=-111.500;36.014
p9=-111.474;36.000
p10=-111.000;35.682
p11=-110.821;35.500
p12=-110.500;35.106
p13=-110.433;35.000
p14=-110.203;34.500
p15=-110.121;34.000
p16=-110.154;33.500
p17=-110.305;33.000
p18=-110.500;32.651
p19=-110.625;32.500
p20=-111.000;32.193
p21=-111.413;32.000
p22=-111.500;31.970
p23=-112.000;31.913
p24=-112.500;31.965
p25=-112.595;32.000
p26=-113.000;32.202
p27=-113.395;32.500
p28=-113.500;32.600
p29=-113.820;33.000
p30=-114.000;33.339
p31=-114.065;33.500
p32=-114.184;34.000
p33=-114.190;34.500

p34=-114.087;35.000
p35=-114.000;35.202

[C2]

gain=-4.00
n_point=49
p1=-115.000;35.220
p2=-114.910;35.500
p3=-114.657;36.000
p4=-114.500;36.210
p5=-114.220;36.500
p6=-114.000;36.666
p7=-113.500;36.929
p8=-113.279;37.000
p9=-113.000;37.075
p10=-112.500;37.130
p11=-112.000;37.085
p12=-111.673;37.000
p13=-111.500;36.950
p14=-111.000;36.719
p15=-110.668;36.500
p16=-110.500;36.361
p17=-110.178;36.000
p18=-110.000;35.771
p19=-109.829;35.500
p20=-109.565;35.000
p21=-109.500;34.798
p22=-109.427;34.500
p23=-109.370;34.000
p24=-109.374;33.500
p25=-109.446;33.000
p26=-109.500;32.815
p27=-109.621;32.500
p28=-109.930;32.000
p29=-110.000;31.920
p30=-110.489;31.500
p31=-110.500;31.492
p32=-111.000;31.245
p33=-111.500;31.092
p34=-112.000;31.032
p35=-112.500;31.063
p36=-113.000;31.183
p37=-113.500;31.411
p38=-113.634;31.500
p39=-114.000;31.798
p40=-114.197;32.000
p41=-114.500;32.374
p42=-114.584;32.500
p43=-114.828;33.000
p44=-115.000;33.477
p45=-115.007;33.500
p46=-115.112;34.000
p47=-115.125;34.500
p48=-115.059;35.000
p49=-115.000;35.220

[C3]

gain=-6.00
n_point=59
p1=-115.500;36.058
p2=-115.230;36.500
p3=-115.000;36.780
p4=-114.776;37.000
p5=-114.500;37.222
p6=-114.044;37.500
p7=-114.000;37.523
p8=-113.500;37.696
p9=-113.000;37.795
p10=-112.500;37.826
p11=-112.000;37.794
p12=-111.500;37.679
p13=-111.040;37.500
p14=-111.000;37.483
p15=-110.500;37.199
p16=-110.239;37.000
p17=-110.000;36.780
p18=-109.764;36.500
p19=-109.500;36.137
p20=-109.418;36.000
p21=-109.159;35.500
p22=-109.000;35.085
p23=-108.975;35.000
p24=-108.871;34.500
p25=-108.818;34.000
p26=-108.811;33.500
p27=-108.858;33.000
p28=-108.969;32.500
p29=-109.000;32.423
p30=-109.213;32.000
p31=-109.500;31.584
p32=-109.574;31.500
p33=-110.000;31.103
p34=-110.142;31.000
p35=-110.500;30.775
p36=-111.000;30.540
p37=-111.135;30.500
p38=-111.500;30.401
p39=-112.000;30.336
p40=-112.500;30.344
p41=-113.000;30.427
p42=-113.235;30.500
p43=-113.500;30.594
p44=-114.000;30.863
p45=-114.187;31.000
p46=-114.500;31.265
p47=-114.729;31.500
p48=-115.000;31.832
p49=-115.115;32.000
p50=-115.384;32.500
p51=-115.500;32.771
p52=-115.588;33.000
p53=-115.736;33.500
p54=-115.820;34.000
p55=-115.829;34.500

p56=-115.787;35.000
p57=-115.690;35.500
p58=-115.530;36.000
p59=-115.500;36.058

[C4]

gain=-8.00
n_point=67
p1=-116.000;36.429
p2=-115.964;36.500
p3=-115.627;37.000
p4=-115.500;37.152
p5=-115.150;37.500
p6=-115.000;37.624
p7=-114.500;37.956
p8=-114.414;38.000
p9=-114.000;38.180
p10=-113.500;38.335
p11=-113.000;38.425
p12=-112.500;38.447
p13=-112.000;38.412
p14=-111.500;38.320
p15=-111.000;38.152
p16=-110.689;38.000
p17=-110.500;37.901
p18=-110.000;37.565
p19=-109.925;37.500
p20=-109.500;37.072
p21=-109.443;37.000
p22=-109.100;36.500
p23=-109.000;36.331
p24=-108.839;36.000
p25=-108.647;35.500
p26=-108.500;35.000
p27=-108.500;35.000
p28=-108.416;34.500
p29=-108.368;34.000
p30=-108.357;33.500
p31=-108.393;33.000
p32=-108.491;32.500
p33=-108.500;32.472
p34=-108.688;32.000
p35=-108.966;31.500
p36=-109.000;31.451
p37=-109.388;31.000
p38=-109.500;30.890
p39=-109.981;30.500
p40=-110.000;30.487
p41=-110.500;30.196
p42=-110.928;30.000
p43=-111.000;29.969
p44=-111.500;29.818
p45=-112.000;29.733
p46=-112.500;29.721
p47=-113.000;29.784
p48=-113.500;29.918
p49=-113.703;30.000

p50=-114.000;30.134
p51=-114.500;30.444
p52=-114.571;30.500
p53=-115.000;30.887
p54=-115.107;31.000
p55=-115.500;31.468
p56=-115.523;31.500
p57=-115.811;32.000
p58=-116.000;32.396
p59=-116.045;32.500
p60=-116.225;33.000
p61=-116.352;33.500
p62=-116.423;34.000
p63=-116.442;34.500
p64=-116.418;35.000
p65=-116.333;35.500
p66=-116.192;36.000
p67=-116.000;36.429

[C5]

gain=-10.00
n_point=75
p1=-116.500;36.673
p2=-116.317;37.000
p3=-116.000;37.447
p4=-115.956;37.500
p5=-115.500;37.954
p6=-115.444;38.000
p7=-115.000;38.296
p8=-114.622;38.500
p9=-114.500;38.557
p10=-114.000;38.739
p11=-113.500;38.873
p12=-113.000;38.959
p13=-112.500;38.989
p14=-112.000;38.962
p15=-111.500;38.888
p16=-111.000;38.760
p17=-110.500;38.553
p18=-110.403;38.500
p19=-110.000;38.256
p20=-109.665;38.000
p21=-109.500;37.858
p22=-109.180;37.500
p23=-109.000;37.271
p24=-108.822;37.000
p25=-108.553;36.500
p26=-108.500;36.385
p27=-108.361;36.000
p28=-108.221;35.500
p29=-108.108;35.000
p30=-108.028;34.500
p31=-108.000;34.217
p32=-107.983;34.000
p33=-107.972;33.500
p34=-108.000;33.130
p35=-108.012;33.000

p36=-108.105;32.500
p37=-108.262;32.000
p38=-108.486;31.500
p39=-108.500;31.476
p40=-108.835;31.000
p41=-109.000;30.807
p42=-109.312;30.500
p43=-109.500;30.338
p44=-109.959;30.000
p45=-110.000;29.972
p46=-110.500;29.690
p47=-110.913;29.500
p48=-111.000;29.461
p49=-111.500;29.302
p50=-112.000;29.203
p51=-112.500;29.171
p52=-113.000;29.214
p53=-113.500;29.331
p54=-113.965;29.500
p55=-114.000;29.514
p56=-114.500;29.785
p57=-114.814;30.000
p58=-115.000;30.147
p59=-115.371;30.500
p60=-115.500;30.635
p61=-115.806;31.000
p62=-116.000;31.269
p63=-116.142;31.500
p64=-116.399;32.000
p65=-116.500;32.225
p66=-116.613;32.500
p67=-116.775;33.000
p68=-116.890;33.500
p69=-116.962;34.000
p70=-116.991;34.500
p71=-116.964;35.000
p72=-116.893;35.500
p73=-116.777;36.000
p74=-116.586;36.500
p75=-116.500;36.673

[C6]

gain=-15.00
n_point=93
p1=-118.000;36.128
p2=-117.894;36.500
p3=-117.704;37.000
p4=-117.500;37.413
p5=-117.453;37.500
p6=-117.118;38.000
p7=-117.000;38.137
p8=-116.650;38.500
p9=-116.500;38.632
p10=-116.024;39.000
p11=-116.000;39.016
p12=-115.500;39.314
p13=-115.136;39.500

p14=-115.000;39.563
p15=-114.500;39.765
p16=-114.000;39.933
p17=-113.736;40.000
p18=-113.500;40.055
p19=-113.000;40.136
p20=-112.500;40.187
p21=-112.000;40.206
p22=-111.500;40.179
p23=-111.000;40.099
p24=-110.592;40.000
p25=-110.500;39.976
p26=-110.000;39.791
p27=-109.500;39.529
p28=-109.454;39.500
p29=-109.000;39.186
p30=-108.778;39.000
p31=-108.500;38.715
p32=-108.327;38.500
p33=-108.000;38.011
p34=-107.994;38.000
p35=-107.749;37.500
p36=-107.572;37.000
p37=-107.500;36.681
p38=-107.466;36.500
p39=-107.395;36.000
p40=-107.346;35.500
p41=-107.309;35.000
p42=-107.287;34.500
p43=-107.278;34.000
p44=-107.286;33.500
p45=-107.304;33.000
p46=-107.342;32.500
p47=-107.421;32.000
p48=-107.500;31.701
p49=-107.565;31.500
p50=-107.796;31.000
p51=-108.000;30.683
p52=-108.134;30.500
p53=-108.500;30.095
p54=-108.596;30.000
p55=-109.000;29.644
p56=-109.178;29.500
p57=-109.500;29.254
p58=-109.862;29.000
p59=-110.000;28.905
p60=-110.500;28.610
p61=-110.728;28.500
p62=-111.000;28.375
p63=-111.500;28.207
p64=-112.000;28.099
p65=-112.500;28.053
p66=-113.000;28.067
p67=-113.500;28.139
p68=-114.000;28.272
p69=-114.500;28.469
p70=-114.561;28.500

p71=-115.000;28.744
p72=-115.377;29.000
p73=-115.500;29.091
p74=-115.953;29.500
p75=-116.000;29.547
p76=-116.398;30.000
p77=-116.500;30.124
p78=-116.775;30.500
p79=-117.000;30.848
p80=-117.085;31.000
p81=-117.340;31.500
p82=-117.500;31.832
p83=-117.572;32.000
p84=-117.745;32.500
p85=-117.899;33.000
p86=-118.000;33.379
p87=-118.030;33.500
p88=-118.099;34.000
p89=-118.137;34.500
p90=-118.145;35.000
p91=-118.116;35.500
p92=-118.034;36.000
p93=-118.000;36.128

[C7]

gain=-20.00
n_point=107
p1=-119.000;36.915
p2=-118.978;37.000
p3=-118.796;37.500
p4=-118.530;38.000
p5=-118.500;38.044
p6=-118.181;38.500
p7=-118.000;38.706
p8=-117.723;39.000
p9=-117.500;39.193
p10=-117.115;39.500
p11=-117.000;39.576
p12=-116.500;39.881
p13=-116.288;40.000
p14=-116.000;40.140
p15=-115.500;40.364
p16=-115.172;40.500
p17=-115.000;40.566
p18=-114.500;40.738
p19=-114.000;40.893
p20=-113.610;41.000
p21=-113.500;41.029
p22=-113.000;41.139
p23=-112.500;41.217
p24=-112.000;41.257
p25=-111.500;41.268
p26=-111.000;41.243
p27=-110.500;41.168
p28=-110.000;41.050
p29=-109.844;41.000
p30=-109.500;40.885

p31=-109.000;40.654
p32=-108.740;40.500
p33=-108.500;40.341
p34=-108.071;40.000
p35=-108.000;39.937
p36=-107.598;39.500
p37=-107.500;39.381
p38=-107.226;39.000
p39=-107.000;38.607
p40=-106.947;38.500
p41=-106.751;38.000
p42=-106.610;37.500
p43=-106.528;37.000
p44=-106.524;36.500
p45=-106.564;36.000
p46=-106.626;35.500
p47=-106.685;35.000
p48=-106.744;34.500
p49=-106.779;34.000
p50=-106.786;33.500
p51=-106.772;33.000
p52=-106.745;32.500
p53=-106.740;32.000
p54=-106.778;31.500
p55=-106.894;31.000
p56=-107.000;30.775
p57=-107.127;30.500
p58=-107.500;30.051
p59=-107.542;30.000
p60=-108.000;29.596
p61=-108.104;29.500
p62=-108.500;29.195
p63=-108.736;29.000
p64=-109.000;28.793
p65=-109.367;28.500
p66=-109.500;28.391
p67=-110.000;28.021
p68=-110.033;28.000
p69=-110.500;27.732
p70=-110.995;27.500
p71=-111.000;27.498
p72=-111.500;27.354
p73=-112.000;27.249
p74=-112.500;27.187
p75=-113.000;27.164
p76=-113.500;27.182
p77=-114.000;27.243
p78=-114.500;27.358
p79=-114.880;27.500
p80=-115.000;27.547
p81=-115.500;27.808
p82=-115.774;28.000
p83=-116.000;28.163
p84=-116.370;28.500
p85=-116.500;28.628
p86=-116.812;29.000
p87=-117.000;29.238

p88=-117.177;29.500
p89=-117.500;29.996
p90=-117.502;30.000
p91=-117.762;30.500
p92=-118.000;30.965
p93=-118.016;31.000
p94=-118.236;31.500
p95=-118.433;32.000
p96=-118.500;32.179
p97=-118.613;32.500
p98=-118.781;33.000
p99=-118.920;33.500
p100=-119.000;33.847
p101=-119.036;34.000
p102=-119.126;34.500
p103=-119.182;35.000
p104=-119.207;35.500
p105=-119.180;36.000
p106=-119.104;36.500
p107=-119.000;36.915