

[FormatInfo]
format_ver=1

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

[COHeader]
beam_id=SPD37
emi_rcp=E
polar_disc=C
reason=C
n_bore=1
n_cont=7

[B1]
gain=0.00
p=-112.043;41.142

[C1]
gain=-2.00
n_point=19
p1=-112.500;42.093
p2=-112.000;42.040
p3=-111.901;42.000
p4=-111.500;41.738
p5=-111.264;41.500
p6=-111.000;41.266
p7=-110.857;41.000
p8=-110.874;40.500
p9=-110.916;40.000
p10=-111.000;39.930
p11=-111.500;39.726
p12=-112.000;39.899
p13=-112.185;40.000
p14=-112.500;40.391
p15=-112.570;40.500
p16=-112.935;41.000
p17=-112.876;41.500
p18=-112.602;42.000
p19=-112.500;42.093

[C2]
gain=-4.00
n_point=27
p1=-113.000;42.540
p2=-112.500;42.748
p3=-112.000;42.590
p4=-111.725;42.500
p5=-111.500;42.402
p6=-111.065;42.000
p7=-111.000;41.934
p8=-110.713;41.500
p9=-110.500;41.132
p10=-110.421;41.000

p11=-110.368;40.500
p12=-110.317;40.000
p13=-110.500;39.603
p14=-110.633;39.500
p15=-111.000;39.291
p16=-111.500;39.134
p17=-112.000;39.411
p18=-112.159;39.500
p19=-112.500;39.690
p20=-112.823;40.000
p21=-113.000;40.238
p22=-113.150;40.500
p23=-113.383;41.000
p24=-113.468;41.500
p25=-113.443;42.000
p26=-113.075;42.500
p27=-113.000;42.540

[C3]

gain=-6.00
n_point=35
p1=-113.500;42.813
p2=-113.161;43.000
p3=-113.000;43.091
p4=-112.500;43.173
p5=-112.000;43.009
p6=-111.979;43.000
p7=-111.500;42.804
p8=-111.158;42.500
p9=-111.000;42.350
p10=-110.652;42.000
p11=-110.500;41.772
p12=-110.324;41.500
p13=-110.004;41.000
p14=-110.000;40.958
p15=-109.969;40.500
p16=-109.928;40.000
p17=-110.000;39.847
p18=-110.173;39.500
p19=-110.431;39.000
p20=-110.500;38.942
p21=-111.000;38.819
p22=-111.500;38.787
p23=-112.000;38.962
p24=-112.092;39.000
p25=-112.500;39.257
p26=-112.725;39.500
p27=-113.000;39.766
p28=-113.233;40.000
p29=-113.500;40.449
p30=-113.531;40.500
p31=-113.778;41.000
p32=-113.875;41.500
p33=-113.860;42.000
p34=-113.743;42.500
p35=-113.500;42.813

[C4]

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gain=-8.00
n_point=41
p1=-114.000;42.753
p2=-113.820;43.000
p3=-113.500;43.343
p4=-113.229;43.500
p5=-113.000;43.598
p6=-112.500;43.560
p7=-112.282;43.500
p8=-112.000;43.404
p9=-111.500;43.143
p10=-111.344;43.000
p11=-111.000;42.687
p12=-110.779;42.500
p13=-110.500;42.219
p14=-110.298;42.000
p15=-110.000;41.567
p16=-109.962;41.500
p17=-109.705;41.000
p18=-109.647;40.500
p19=-109.581;40.000
p20=-109.808;39.500
p21=-110.000;39.097
p22=-110.049;39.000
p23=-110.500;38.621
p24=-110.955;38.500
p25=-111.000;38.488
p26=-111.307;38.500
p27=-111.500;38.507
p28=-112.000;38.694
p29=-112.500;38.918
p30=-112.616;39.000
p31=-113.000;39.409
p32=-113.092;39.500
p33=-113.500;39.909
p34=-113.588;40.000
p35=-113.901;40.500
p36=-114.000;40.691
p37=-114.143;41.000
p38=-114.250;41.500
p39=-114.248;42.000
p40=-114.146;42.500
p41=-114.000;42.753
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[C5]

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gain=-10.00
n_point=45
p1=-114.500;42.553
p2=-114.227;43.000
p3=-114.000;43.497
p4=-113.997;43.500
p5=-113.500;43.748
p6=-113.000;43.988
p7=-112.500;43.878
p8=-112.000;43.752
p9=-111.594;43.500
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p10=-111.500;43.447
p11=-111.011;43.000
p12=-111.000;42.990
p13=-110.500;42.562
p14=-110.435;42.500
p15=-110.000;42.033
p16=-109.971;42.000
p17=-109.682;41.500
p18=-109.500;41.162
p19=-109.411;41.000
p20=-109.345;40.500
p21=-109.283;40.000
p22=-109.459;39.500
p23=-109.500;39.405
p24=-109.705;39.000
p25=-110.000;38.721
p26=-110.263;38.500
p27=-110.500;38.311
p28=-111.000;38.167
p29=-111.500;38.238
p30=-112.000;38.428
p31=-112.120;38.500
p32=-112.500;38.695
p33=-112.932;39.000
p34=-113.000;39.072
p35=-113.434;39.500
p36=-113.500;39.566
p37=-113.921;40.000
p38=-114.000;40.123
p39=-114.232;40.500
p40=-114.473;41.000
p41=-114.500;41.104
p42=-114.604;41.500
p43=-114.617;42.000
p44=-114.533;42.500
p45=-114.500;42.553

[C6]

gain=-15.00
n_point=59
p1=-115.000;43.202
p2=-114.830;43.500
p3=-114.500;43.795
p4=-114.310;44.000
p5=-114.000;44.394
p6=-113.810;44.500
p7=-113.504;45.000
p8=-113.500;45.010
p9=-113.000;45.115
p10=-112.677;45.000
p11=-112.500;44.953
p12=-112.000;44.614
p13=-111.923;44.500
p14=-111.500;44.181
p15=-111.287;44.000
p16=-111.000;43.748
p17=-110.751;43.500

p18=-110.500;43.274
p19=-110.228;43.000
p20=-110.000;42.782
p21=-109.713;42.500
p22=-109.500;42.255
p23=-109.236;42.000
p24=-109.000;41.572
p25=-108.941;41.500
p26=-108.556;41.000
p27=-108.521;40.500
p28=-108.502;40.000
p29=-108.727;39.500
p30=-108.951;39.000
p31=-109.000;38.951
p32=-109.500;38.523
p33=-109.525;38.500
p34=-109.941;38.000
p35=-110.000;37.721
p36=-110.182;37.500
p37=-110.500;37.298
p38=-111.000;37.171
p39=-111.500;37.410
p40=-111.671;37.500
p41=-112.000;37.671
p42=-112.275;38.000
p43=-112.500;38.150
p44=-112.974;38.500
p45=-113.000;38.519
p46=-113.500;38.859
p47=-113.708;39.000
p48=-114.000;39.288
p49=-114.218;39.500
p50=-114.500;39.796
p51=-114.700;40.000
p52=-115.000;40.462
p53=-115.027;40.500
p54=-115.287;41.000
p55=-115.441;41.500
p56=-115.455;42.000
p57=-115.424;42.500
p58=-115.125;43.000
p59=-115.000;43.202

[C7]

gain=-20.00
n_point=81
p1=-116.000;43.064
p2=-115.742;43.500
p3=-115.500;43.642
p4=-115.000;43.951
p5=-114.947;44.000
p6=-114.618;44.500
p7=-114.646;45.000
p8=-114.722;45.500
p9=-114.767;46.000
p10=-114.500;46.421
p11=-114.443;46.500

p12=-114.000;46.977
p13=-113.500;46.918
p14=-113.000;46.858
p15=-112.500;46.505
p16=-112.493;46.500
p17=-112.000;46.145
p18=-111.767;46.000
p19=-111.500;45.731
p20=-111.350;45.500
p21=-111.126;45.000
p22=-111.000;44.731
p23=-110.894;44.500
p24=-110.500;44.136
p25=-110.377;44.000
p26=-110.000;43.548
p27=-109.964;43.500
p28=-109.513;43.000
p29=-109.500;42.987
p30=-109.000;42.674
p31=-108.715;42.500
p32=-108.500;42.346
p33=-108.157;42.000
p34=-108.000;41.790
p35=-107.861;41.500
p36=-107.632;41.000
p37=-107.546;40.500
p38=-107.500;40.251
p39=-107.462;40.000
p40=-107.500;39.681
p41=-107.540;39.500
p42=-107.889;39.000
p43=-108.000;38.946
p44=-108.500;38.668
p45=-108.671;38.500
p46=-109.000;38.310
p47=-109.407;38.000
p48=-109.464;37.500
p49=-109.405;37.000
p50=-109.445;36.500
p51=-109.498;36.000
p52=-109.500;35.998
p53=-110.000;35.776
p54=-110.500;35.694
p55=-111.000;35.847
p56=-111.474;36.000
p57=-111.500;36.025
p58=-111.811;36.500
p59=-112.000;36.691
p60=-112.254;37.000
p61=-112.500;37.287
p62=-112.653;37.500
p63=-112.984;38.000
p64=-113.000;38.012
p65=-113.500;38.339
p66=-113.743;38.500
p67=-114.000;38.671
p68=-114.468;39.000

p69=-114.500;39.031
p70=-115.000;39.497
p71=-115.004;39.500
p72=-115.500;39.992
p73=-115.507;40.000
p74=-115.877;40.500
p75=-116.000;40.734
p76=-116.109;41.000
p77=-116.302;41.500
p78=-116.350;42.000
p79=-116.346;42.500
p80=-116.038;43.000
p81=-116.000;43.064