

[FormatInfo]
format_ver=1

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

[COHeader]
beam_id=SPD28
emi_rcp=E
polar_disc=C
reason=C
n_bore=1
n_cont=7

[B1]
gain=0.00
p=-106.695;34.813

[C1]
gain=-2.00
n_point=15
p1=-107.000;36.404
p2=-106.500;36.284
p3=-106.000;36.115
p4=-105.915;36.000
p5=-105.702;35.500
p6=-105.610;35.000
p7=-105.777;34.500
p8=-106.000;34.251
p9=-106.500;34.093
p10=-107.000;34.487
p11=-107.014;34.500
p12=-107.392;35.000
p13=-107.456;35.500
p14=-107.327;36.000
p15=-107.000;36.404

[C2]
gain=-4.00
n_point=23
p1=-107.500;36.560
p2=-107.000;36.897
p3=-106.500;36.781
p4=-106.000;36.603
p5=-105.891;36.500
p6=-105.511;36.000
p7=-105.500;35.977
p8=-105.269;35.500
p9=-105.183;35.000
p10=-105.272;34.500
p11=-105.474;34.000
p12=-105.500;33.966
p13=-106.000;33.729
p14=-106.500;33.658

p15=-107.000;33.938
p16=-107.108;34.000
p17=-107.500;34.371
p18=-107.577;34.500
p19=-107.810;35.000
p20=-107.889;35.500
p21=-107.859;36.000
p22=-107.565;36.500
p23=-107.500;36.560

[C3]

gain=-6.00
n_point=31
p1=-108.000;36.620
p2=-107.585;37.000
p3=-107.500;37.046
p4=-107.000;37.237
p5=-106.500;37.145
p6=-106.117;37.000
p7=-106.000;36.949
p8=-105.522;36.500
p9=-105.500;36.471
p10=-105.152;36.000
p11=-105.000;35.716
p12=-104.928;35.500
p13=-104.877;35.000
p14=-104.934;34.500
p15=-105.000;34.268
p16=-105.118;34.000
p17=-105.500;33.506
p18=-105.516;33.500
p19=-106.000;33.358
p20=-106.500;33.326
p21=-106.818;33.500
p22=-107.000;33.611
p23=-107.500;33.914
p24=-107.592;34.000
p25=-107.898;34.500
p26=-108.000;34.697
p27=-108.152;35.000
p28=-108.227;35.500
p29=-108.216;36.000
p30=-108.061;36.500
p31=-108.000;36.620

[C4]

gain=-8.00
n_point=35
p1=-108.500;36.061
p2=-108.349;36.500
p3=-108.089;37.000
p4=-108.000;37.104
p5=-107.500;37.383
p6=-107.146;37.500
p7=-107.000;37.541
p8=-106.780;37.500
p9=-106.500;37.445

p10=-106.000;37.216
p11=-105.717;37.000
p12=-105.500;36.795
p13=-105.200;36.500
p14=-105.000;36.240
p15=-104.871;36.000
p16=-104.704;35.500
p17=-104.646;35.000
p18=-104.701;34.500
p19=-104.847;34.000
p20=-105.000;33.732
p21=-105.185;33.500
p22=-105.500;33.133
p23=-106.000;33.029
p24=-106.500;33.034
p25=-107.000;33.320
p26=-107.288;33.500
p27=-107.500;33.635
p28=-107.888;34.000
p29=-108.000;34.179
p30=-108.207;34.500
p31=-108.465;35.000
p32=-108.500;35.241
p33=-108.534;35.500
p34=-108.521;36.000
p35=-108.500;36.061

[C5]

gain=-10.00
n_point=39
p1=-108.500;36.733
p2=-108.355;37.000
p3=-108.000;37.417
p4=-107.856;37.500
p5=-107.500;37.716
p6=-107.000;37.829
p7=-106.500;37.735
p8=-106.066;37.500
p9=-106.000;37.469
p10=-105.500;37.080
p11=-105.397;37.000
p12=-105.000;36.609
p13=-104.914;36.500
p14=-104.646;36.000
p15=-104.500;35.560
p16=-104.479;35.500
p17=-104.422;35.000
p18=-104.474;34.500
p19=-104.500;34.397
p20=-104.619;34.000
p21=-104.909;33.500
p22=-105.000;33.366
p23=-105.321;33.000
p24=-105.500;32.804
p25=-106.000;32.751
p26=-106.500;32.797
p27=-106.920;33.000

p28=-107.000;33.046
p29=-107.500;33.377
p30=-107.642;33.500
p31=-108.000;33.838
p32=-108.184;34.000
p33=-108.500;34.486
p34=-108.509;34.500
p35=-108.750;35.000
p36=-108.818;35.500
p37=-108.812;36.000
p38=-108.636;36.500
p39=-108.500;36.733

[C6]

gain=-15.00
n_point=51
p1=-109.500;36.022
p2=-109.335;36.500
p3=-109.019;37.000
p4=-109.000;37.014
p5=-108.544;37.500
p6=-108.500;37.578
p7=-108.184;38.000
p8=-108.000;38.205
p9=-107.500;38.497
p10=-107.367;38.500
p11=-107.000;38.511
p12=-106.949;38.500
p13=-106.500;38.432
p14=-106.000;38.137
p15=-105.854;38.000
p16=-105.500;37.690
p17=-105.285;37.500
p18=-105.000;37.282
p19=-104.697;37.000
p20=-104.500;36.739
p21=-104.294;36.500
p22=-104.028;36.000
p23=-104.000;35.899
p24=-103.839;35.500
p25=-103.822;35.000
p26=-103.973;34.500
p27=-104.000;34.461
p28=-104.155;34.000
p29=-104.416;33.500
p30=-104.500;33.329
p31=-104.728;33.000
p32=-104.961;32.500
p33=-105.000;32.444
p34=-105.500;32.083
p35=-106.000;32.099
p36=-106.500;32.240
p37=-106.992;32.500
p38=-107.000;32.504
p39=-107.500;32.811
p40=-107.743;33.000
p41=-108.000;33.224

p42=-108.360;33.500
p43=-108.500;33.623
p44=-108.924;34.000
p45=-109.000;34.126
p46=-109.207;34.500
p47=-109.446;35.000
p48=-109.500;35.432
p49=-109.508;35.500
p50=-109.507;36.000
p51=-109.500;36.022

[C7]

gain=-20.00
n_point=69
p1=-110.000;36.516
p2=-109.762;37.000
p3=-109.500;37.216
p4=-109.111;37.500
p5=-109.000;37.609
p6=-108.765;38.000
p7=-108.568;38.500
p8=-108.500;38.661
p9=-108.219;39.000
p10=-108.362;39.500
p11=-108.286;40.000
p12=-108.000;40.129
p13=-107.500;40.246
p14=-107.000;40.202
p15=-106.500;40.049
p16=-106.399;40.000
p17=-106.000;39.524
p18=-105.981;39.500
p19=-105.843;39.000
p20=-105.500;38.614
p21=-105.400;38.500
p22=-105.000;38.105
p23=-104.917;38.000
p24=-104.500;37.570
p25=-104.422;37.500
p26=-104.000;37.177
p27=-103.729;37.000
p28=-103.500;36.802
p29=-103.334;36.500
p30=-103.127;36.000
p31=-103.000;35.521
p32=-102.996;35.500
p33=-102.984;35.000
p34=-103.000;34.864
p35=-103.069;34.500
p36=-103.413;34.000
p37=-103.500;33.956
p38=-104.000;33.598
p39=-104.056;33.500
p40=-104.342;33.000
p41=-104.372;32.500
p42=-104.397;32.000
p43=-104.426;31.500

p44=-104.480;31.000
p45=-104.500;30.979
p46=-105.000;30.733
p47=-105.500;30.649
p48=-106.000;30.709
p49=-106.500;30.986
p50=-106.526;31.000
p51=-106.843;31.500
p52=-106.995;32.000
p53=-107.000;32.003
p54=-107.500;32.299
p55=-107.782;32.500
p56=-108.000;32.665
p57=-108.500;32.998
p58=-108.503;33.000
p59=-109.000;33.350
p60=-109.138;33.500
p61=-109.500;33.900
p62=-109.581;34.000
p63=-109.832;34.500
p64=-110.000;34.883
p65=-110.055;35.000
p66=-110.124;35.500
p67=-110.149;36.000
p68=-110.007;36.500
p69=-110.000;36.516