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adm=USA
sat_name=SKYTERRA-2
long_nom=-95.000
n_diag=1

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beam_id=RU30
emi_rcp=R
polar_disc=C
reason=C
n_bore=1
n_cont=7

[B1]
gain=0.00
p=-87.462;28.846

[C1]
gain=-2.00
n_point=29
p1=-86.000;30.364
p2=-85.782;30.000
p3=-85.627;29.500
p4=-85.607;29.000
p5=-85.702;28.500
p6=-85.908;28.000
p7=-86.000;27.853
p8=-86.321;27.500
p9=-86.500;27.357
p10=-87.000;27.153
p11=-87.500;27.133
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p17=-89.000;28.936
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p25=-87.500;30.975
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p27=-86.500;30.788
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p29=-86.000;30.364

[C2]
gain=-4.00
n_point=43

p1=-85.000;30.080
p2=-84.973;30.000
p3=-84.885;29.500
p4=-84.879;29.000
p5=-84.941;28.500
p6=-85.000;28.268
p7=-85.085;28.000
p8=-85.325;27.500
p9=-85.500;27.224
p10=-85.689;27.000
p11=-86.000;26.710
p12=-86.350;26.500
p13=-86.500;26.425
p14=-87.000;26.300
p15=-87.500;26.299
p16=-88.000;26.419
p17=-88.167;26.500
p18=-88.500;26.689
p19=-88.862;27.000
p20=-89.000;27.147
p21=-89.242;27.500
p22=-89.495;28.000
p23=-89.500;28.015
p24=-89.616;28.500
p25=-89.660;29.000
p26=-89.630;29.500
p27=-89.529;30.000
p28=-89.500;30.079
p29=-89.301;30.500
p30=-89.000;30.958
p31=-88.961;31.000
p32=-88.500;31.404
p33=-88.335;31.500
p34=-88.000;31.666
p35=-87.500;31.793
p36=-87.000;31.801
p37=-86.500;31.688
p38=-86.097;31.500
p39=-86.000;31.444
p40=-85.500;31.002
p41=-85.498;31.000
p42=-85.182;30.500
p43=-85.000;30.080

[C3]

gain=-6.00
n_point=51
p1=-84.500;30.346
p2=-84.404;30.000
p3=-84.332;29.500
p4=-84.329;29.000
p5=-84.382;28.500
p6=-84.488;28.000
p7=-84.500;27.963
p8=-84.676;27.500
p9=-84.927;27.000
p10=-85.000;26.883

p11=-85.301;26.500
p12=-85.500;26.293
p13=-85.891;26.000
p14=-86.000;25.930
p15=-86.500;25.723
p16=-87.000;25.631
p17=-87.500;25.647
p18=-88.000;25.768
p19=-88.500;25.990
p20=-88.516;26.000
p21=-89.000;26.363
p22=-89.137;26.500
p23=-89.500;26.921
p24=-89.553;27.000
p25=-89.822;27.500
p26=-90.000;27.944
p27=-90.018;28.000
p28=-90.115;28.500
p29=-90.151;29.000
p30=-90.127;29.500
p31=-90.045;30.000
p32=-90.000;30.154
p33=-89.872;30.500
p34=-89.623;31.000
p35=-89.500;31.199
p36=-89.251;31.500
p37=-89.000;31.754
p38=-88.671;32.000
p39=-88.500;32.112
p40=-88.000;32.329
p41=-87.500;32.442
p42=-87.000;32.451
p43=-86.500;32.358
p44=-86.000;32.158
p45=-85.745;32.000
p46=-85.500;31.823
p47=-85.171;31.500
p48=-85.000;31.296
p49=-84.805;31.000
p50=-84.553;30.500
p51=-84.500;30.346

[C4]

gain=-8.00
n_point=59
p1=-84.000;30.256
p2=-83.937;30.000
p3=-83.872;29.500
p4=-83.870;29.000
p5=-83.914;28.500
p6=-84.000;28.015
p7=-84.003;28.000
p8=-84.157;27.500
p9=-84.362;27.000
p10=-84.500;26.727
p11=-84.640;26.500
p12=-85.000;26.012

p13=-85.012;26.000
p14=-85.500;25.573
p15=-85.615;25.500
p16=-86.000;25.287
p17=-86.500;25.115
p18=-87.000;25.047
p19=-87.500;25.079
p20=-88.000;25.206
p21=-88.500;25.426
p22=-88.615;25.500
p23=-89.000;25.762
p24=-89.267;26.000
p25=-89.500;26.232
p26=-89.711;26.500
p27=-90.000;26.922
p28=-90.043;27.000
p29=-90.262;27.500
p30=-90.426;28.000
p31=-90.500;28.363
p32=-90.522;28.500
p33=-90.552;29.000
p34=-90.533;29.500
p35=-90.500;29.751
p36=-90.459;30.000
p37=-90.311;30.500
p38=-90.112;31.000
p39=-90.000;31.230
p40=-89.833;31.500
p41=-89.500;31.949
p42=-89.450;32.000
p43=-89.000;32.401
p44=-88.848;32.500
p45=-88.500;32.703
p46=-88.000;32.894
p47=-87.500;32.990
p48=-87.000;32.996
p49=-86.500;32.910
p50=-86.000;32.727
p51=-85.578;32.500
p52=-85.500;32.451
p53=-85.000;32.033
p54=-84.968;32.000
p55=-84.564;31.500
p56=-84.500;31.403
p57=-84.281;31.000
p58=-84.072;30.500
p59=-84.000;30.256

[C5]

gain=-10.00
n_point=65
p1=-83.500;29.719
p2=-83.472;29.500
p3=-83.467;29.000
p4=-83.500;28.548
p5=-83.504;28.500
p6=-83.590;28.000

p7=-83.717;27.500
p8=-83.886;27.000
p9=-84.000;26.727
p10=-84.113;26.500
p11=-84.412;26.000
p12=-84.500;25.873
p13=-84.825;25.500
p14=-85.000;25.329
p15=-85.434;25.000
p16=-85.500;24.956
p17=-86.000;24.713
p18=-86.500;24.567
p19=-87.000;24.517
p20=-87.500;24.560
p21=-88.000;24.694
p22=-88.500;24.916
p23=-88.632;25.000
p24=-89.000;25.241
p25=-89.303;25.500
p26=-89.500;25.677
p27=-89.786;26.000
p28=-90.000;26.268
p29=-90.150;26.500
p30=-90.431;27.000
p31=-90.500;27.153
p32=-90.627;27.500
p33=-90.762;28.000
p34=-90.846;28.500
p35=-90.879;29.000
p36=-90.860;29.500
p37=-90.793;30.000
p38=-90.676;30.500
p39=-90.518;31.000
p40=-90.500;31.046
p41=-90.279;31.500
p42=-90.000;31.989
p43=-89.992;32.000
p44=-89.566;32.500
p45=-89.500;32.568
p46=-89.000;32.965
p47=-88.939;33.000
p48=-88.500;33.226
p49=-88.000;33.390
p50=-87.500;33.470
p51=-87.000;33.469
p52=-86.500;33.379
p53=-86.000;33.211
p54=-85.565;33.000
p55=-85.500;32.964
p56=-85.000;32.605
p57=-84.883;32.500
p58=-84.500;32.098
p59=-84.423;32.000
p60=-84.088;31.500
p61=-84.000;31.338
p62=-83.844;31.000
p63=-83.667;30.500

p64=-83.541;30.000
p65=-83.500;29.719

[C6]

gain=-15.00
n_point=83
p1=-83.000;31.083
p2=-82.970;31.000
p3=-82.832;30.500
p4=-82.733;30.000
p5=-82.671;29.500
p6=-82.651;29.000
p7=-82.667;28.500
p8=-82.723;28.000
p9=-82.811;27.500
p10=-82.931;27.000
p11=-83.000;26.773
p12=-83.096;26.500
p13=-83.308;26.000
p14=-83.500;25.612
p15=-83.565;25.500
p16=-83.906;25.000
p17=-84.000;24.881
p18=-84.360;24.500
p19=-84.500;24.367
p20=-84.969;24.000
p21=-85.000;23.978
p22=-85.500;23.707
p23=-86.000;23.513
p24=-86.058;23.500
p25=-86.500;23.412
p26=-87.000;23.386
p27=-87.500;23.435
p28=-87.764;23.500
p29=-88.000;23.565
p30=-88.500;23.785
p31=-88.851;24.000
p32=-89.000;24.096
p33=-89.482;24.500
p34=-89.500;24.515
p35=-89.952;25.000
p36=-90.000;25.052
p37=-90.337;25.500
p38=-90.500;25.721
p39=-90.668;26.000
p40=-90.949;26.500
p41=-91.000;26.605
p42=-91.154;27.000
p43=-91.314;27.500
p44=-91.434;28.000
p45=-91.500;28.439
p46=-91.507;28.500
p47=-91.529;29.000
p48=-91.519;29.500
p49=-91.500;29.741
p50=-91.473;30.000
p51=-91.383;30.500

p52=-91.265;31.000
p53=-91.121;31.500
p54=-91.000;31.855
p55=-90.938;32.000
p56=-90.694;32.500
p57=-90.500;32.845
p58=-90.389;33.000
p59=-90.000;33.470
p60=-89.968;33.500
p61=-89.500;33.895
p62=-89.332;34.000
p63=-89.000;34.192
p64=-88.500;34.393
p65=-88.050;34.500
p66=-88.000;34.511
p67=-87.500;34.553
p68=-87.000;34.515
p69=-86.927;34.500
p70=-86.500;34.410
p71=-86.000;34.240
p72=-85.500;34.011
p73=-85.482;34.000
p74=-85.000;33.700
p75=-84.733;33.500
p76=-84.500;33.312
p77=-84.173;33.000
p78=-84.000;32.815
p79=-83.745;32.500
p80=-83.500;32.138
p81=-83.419;32.000
p82=-83.170;31.500
p83=-83.000;31.083

[C7]

gain=-20.00
n_point=95
p1=-82.000;29.534
p2=-81.996;29.500
p3=-81.972;29.000
p4=-81.977;28.500
p5=-82.000;28.115
p6=-82.008;28.000
p7=-82.085;27.500
p8=-82.196;27.000
p9=-82.338;26.500
p10=-82.500;26.013
p11=-82.505;26.000
p12=-82.735;25.500
p13=-82.987;25.000
p14=-83.000;24.977
p15=-83.325;24.500
p16=-83.500;24.267
p17=-83.736;24.000
p18=-84.000;23.718
p19=-84.248;23.500
p20=-84.500;23.290
p21=-84.943;23.000

p22=-85.000;22.964
p23=-85.500;22.733
p24=-86.000;22.581
p25=-86.492;22.500
p26=-86.500;22.499
p27=-87.000;22.488
p28=-87.112;22.500
p29=-87.500;22.545
p30=-88.000;22.673
p31=-88.500;22.865
p32=-88.761;23.000
p33=-89.000;23.140
p34=-89.486;23.500
p35=-89.500;23.511
p36=-89.977;24.000
p37=-90.000;24.024
p38=-90.356;24.500
p39=-90.500;24.690
p40=-90.687;25.000
p41=-91.000;25.489
p42=-91.005;25.500
p43=-91.259;26.000
p44=-91.500;26.483
p45=-91.507;26.500
p46=-91.676;27.000
p47=-91.815;27.500
p48=-91.916;28.000
p49=-91.977;28.500
p50=-91.999;29.000
p51=-91.989;29.500
p52=-91.953;30.000
p53=-91.896;30.500
p54=-91.826;31.000
p55=-91.743;31.500
p56=-91.641;32.000
p57=-91.510;32.500
p58=-91.500;32.532
p59=-91.328;33.000
p60=-91.091;33.500
p61=-91.000;33.661
p62=-90.766;34.000
p63=-90.500;34.325
p64=-90.319;34.500
p65=-90.000;34.774
p66=-89.659;35.000
p67=-89.500;35.095
p68=-89.000;35.317
p69=-88.500;35.463
p70=-88.250;35.500
p71=-88.000;35.534
p72=-87.500;35.527
p73=-87.300;35.500
p74=-87.000;35.459
p75=-86.500;35.329
p76=-86.000;35.143
p77=-85.706;35.000
p78=-85.500;34.898

p79=-85.000;34.591
p80=-84.877;34.500
p81=-84.500;34.218
p82=-84.249;34.000
p83=-84.000;33.776
p84=-83.733;33.500
p85=-83.500;33.245
p86=-83.302;33.000
p87=-83.000;32.590
p88=-82.940;32.500
p89=-82.672;32.000
p90=-82.500;31.624
p91=-82.449;31.500
p92=-82.281;31.000
p93=-82.152;30.500
p94=-82.057;30.000
p95=-82.000;29.534