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sat_name=SKYTERRA-1
long_nom=-95.000
n_diag=1

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emi_rcp=E
polar_disc=C
reason=C
n_bore=1
n_cont=7

[B1]
gain=0.00
p=-102.989;29.020

[C1]
gain=-2.00
n_point=39
p1=-105.000;30.173
p2=-104.829;30.500
p3=-104.500;30.937
p4=-104.440;31.000
p5=-104.000;31.318
p6=-103.500;31.466
p7=-103.109;31.500
p8=-103.000;31.507
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p16=-100.908;30.000
p17=-100.753;29.500
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p19=-100.733;28.500
p20=-100.877;28.000
p21=-101.000;27.790
p22=-101.220;27.500
p23=-101.500;27.240
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p26=-102.500;26.824
p27=-103.000;26.824
p28=-103.500;26.944
p29=-103.602;27.000
p30=-104.000;27.245
p31=-104.351;27.500
p32=-104.500;27.647
p33=-104.726;28.000

p34=-104.951;28.500
p35=-105.000;28.644
p36=-105.111;29.000
p37=-105.110;29.500
p38=-105.068;30.000
p39=-105.000;30.173

[C2]

gain=-4.00
n_point=55
p1=-106.000;30.192
p2=-105.913;30.500
p3=-105.717;31.000
p4=-105.500;31.343
p5=-105.383;31.500
p6=-105.000;31.900
p7=-104.846;32.000
p8=-104.500;32.187
p9=-104.000;32.399
p10=-103.528;32.500
p11=-103.500;32.505
p12=-103.000;32.502
p13=-102.978;32.500
p14=-102.500;32.446
p15=-102.000;32.243
p16=-101.500;32.011
p17=-101.485;32.000
p18=-101.000;31.607
p19=-100.883;31.500
p20=-100.500;31.067
p21=-100.454;31.000
p22=-100.173;30.500
p23=-100.000;30.102
p24=-99.962;30.000
p25=-99.858;29.500
p26=-99.783;29.000
p27=-99.828;28.500
p28=-99.911;28.000
p29=-100.000;27.758
p30=-100.109;27.500
p31=-100.404;27.000
p32=-100.500;26.869
p33=-100.859;26.500
p34=-101.000;26.393
p35=-101.500;26.125
p36=-101.803;26.000
p37=-102.000;25.927
p38=-102.500;25.862
p39=-103.000;25.874
p40=-103.500;25.949
p41=-103.624;26.000
p42=-104.000;26.165
p43=-104.500;26.429
p44=-104.595;26.500
p45=-105.000;26.904
p46=-105.081;27.000
p47=-105.474;27.500

p48=-105.500;27.541
p49=-105.730;28.000
p50=-105.908;28.500
p51=-106.000;28.857
p52=-106.033;29.000
p53=-106.054;29.500
p54=-106.048;30.000
p55=-106.000;30.192

[C3]

gain=-6.00
n_point=63
p1=-106.500;31.102
p2=-106.292;31.500
p3=-106.000;31.954
p4=-105.962;32.000
p5=-105.500;32.448
p6=-105.439;32.500
p7=-105.000;32.787
p8=-104.519;33.000
p9=-104.500;33.008
p10=-104.000;33.147
p11=-103.500;33.231
p12=-103.000;33.210
p13=-102.500;33.160
p14=-102.016;33.000
p15=-102.000;32.994
p16=-101.500;32.789
p17=-101.007;32.500
p18=-101.000;32.495
p19=-100.500;32.052
p20=-100.451;32.000
p21=-100.009;31.500
p22=-100.000;31.487
p23=-99.720;31.000
p24=-99.500;30.560
p25=-99.473;30.500
p26=-99.302;30.000
p27=-99.203;29.500
p28=-99.134;29.000
p29=-99.169;28.500
p30=-99.233;28.000
p31=-99.379;27.500
p32=-99.500;27.201
p33=-99.605;27.000
p34=-99.932;26.500
p35=-100.000;26.425
p36=-100.431;26.000
p37=-100.500;25.938
p38=-101.000;25.580
p39=-101.163;25.500
p40=-101.500;25.369
p41=-102.000;25.218
p42=-102.500;25.153
p43=-103.000;25.165
p44=-103.500;25.224
p45=-104.000;25.397

p46=-104.234;25.500
p47=-104.500;25.638
p48=-105.000;25.983
p49=-105.019;26.000
p50=-105.500;26.446
p51=-105.553;26.500
p52=-105.925;27.000
p53=-106.000;27.111
p54=-106.211;27.500
p55=-106.434;28.000
p56=-106.500;28.192
p57=-106.595;28.500
p58=-106.710;29.000
p59=-106.744;29.500
p60=-106.757;30.000
p61=-106.668;30.500
p62=-106.542;31.000
p63=-106.500;31.102

[C4]

gain=-8.00
n_point=71
p1=-107.000;31.409
p2=-106.963;31.500
p3=-106.694;32.000
p4=-106.500;32.282
p5=-106.331;32.500
p6=-106.000;32.835
p7=-105.773;33.000
p8=-105.500;33.184
p9=-105.000;33.481
p10=-104.956;33.500
p11=-104.500;33.652
p12=-104.000;33.751
p13=-103.500;33.822
p14=-103.000;33.795
p15=-102.500;33.746
p16=-102.000;33.616
p17=-101.657;33.500
p18=-101.500;33.433
p19=-101.000;33.138
p20=-100.814;33.000
p21=-100.500;32.769
p22=-100.180;32.500
p23=-100.000;32.310
p24=-99.769;32.000
p25=-99.500;31.633
p26=-99.408;31.500
p27=-99.134;31.000
p28=-99.000;30.709
p29=-98.927;30.500
p30=-98.787;30.000
p31=-98.700;29.500
p32=-98.636;29.000
p33=-98.659;28.500
p34=-98.709;28.000
p35=-98.837;27.500

p36=-99.000;27.045
p37=-99.019;27.000
p38=-99.278;26.500
p39=-99.500;26.182
p40=-99.666;26.000
p41=-100.000;25.665
p42=-100.182;25.500
p43=-100.500;25.272
p44=-100.951;25.000
p45=-101.000;24.973
p46=-101.500;24.795
p47=-102.000;24.652
p48=-102.500;24.579
p49=-103.000;24.586
p50=-103.500;24.636
p51=-104.000;24.781
p52=-104.500;24.984
p53=-104.530;25.000
p54=-105.000;25.272
p55=-105.290;25.500
p56=-105.500;25.688
p57=-105.821;26.000
p58=-106.000;26.183
p59=-106.235;26.500
p60=-106.500;26.941
p61=-106.533;27.000
p62=-106.807;27.500
p63=-107.000;27.954
p64=-107.015;28.000
p65=-107.142;28.500
p66=-107.246;29.000
p67=-107.288;29.500
p68=-107.314;30.000
p69=-107.248;30.500
p70=-107.151;31.000
p71=-107.000;31.409

[C5]

gain=-10.00
n_point=79
p1=-107.500;31.569
p2=-107.293;32.000
p3=-107.002;32.500
p4=-107.000;32.503
p5=-106.546;33.000
p6=-106.500;33.044
p7=-106.004;33.500
p8=-106.000;33.503
p9=-105.500;33.766
p10=-105.000;33.989
p11=-104.968;34.000
p12=-104.500;34.167
p13=-104.000;34.260
p14=-103.500;34.331
p15=-103.000;34.304
p16=-102.500;34.245
p17=-102.000;34.114

p18=-101.687;34.000
p19=-101.500;33.933
p20=-101.000;33.699
p21=-100.678;33.500
p22=-100.500;33.365
p23=-100.068;33.000
p24=-100.000;32.943
p25=-99.596;32.500
p26=-99.500;32.373
p27=-99.228;32.000
p28=-99.000;31.676
p29=-98.910;31.500
p30=-98.697;31.000
p31=-98.503;30.500
p32=-98.500;30.489
p33=-98.361;30.000
p34=-98.269;29.500
p35=-98.199;29.000
p36=-98.214;28.500
p37=-98.258;28.000
p38=-98.374;27.500
p39=-98.500;27.116
p40=-98.542;27.000
p41=-98.776;26.500
p42=-99.000;26.153
p43=-99.109;26.000
p44=-99.486;25.500
p45=-99.500;25.486
p46=-100.000;25.092
p47=-100.125;25.000
p48=-100.500;24.757
p49=-100.948;24.500
p50=-101.000;24.472
p51=-101.500;24.298
p52=-102.000;24.155
p53=-102.500;24.071
p54=-103.000;24.067
p55=-103.500;24.106
p56=-104.000;24.226
p57=-104.500;24.412
p58=-104.687;24.500
p59=-105.000;24.659
p60=-105.461;25.000
p61=-105.500;25.031
p62=-106.000;25.471
p63=-106.026;25.500
p64=-106.421;26.000
p65=-106.500;26.106
p66=-106.770;26.500
p67=-107.000;26.889
p68=-107.053;27.000
p69=-107.277;27.500
p70=-107.454;28.000
p71=-107.500;28.158
p72=-107.596;28.500
p73=-107.707;29.000
p74=-107.756;29.500

p75=-107.787;30.000
p76=-107.738;30.500
p77=-107.672;31.000
p78=-107.527;31.500
p79=-107.500;31.569

[C6]

gain=-15.00
n_point=97
p1=-108.500;31.824
p2=-108.442;32.000
p3=-108.212;32.500
p4=-108.000;32.864
p5=-107.909;33.000
p6=-107.505;33.500
p7=-107.500;33.504
p8=-107.000;33.947
p9=-106.927;34.000
p10=-106.500;34.312
p11=-106.223;34.500
p12=-106.000;34.599
p13=-105.500;34.814
p14=-105.000;34.981
p15=-104.940;35.000
p16=-104.500;35.145
p17=-104.000;35.229
p18=-103.500;35.293
p19=-103.000;35.295
p20=-102.500;35.253
p21=-102.000;35.166
p22=-101.500;35.012
p23=-101.467;35.000
p24=-101.000;34.824
p25=-100.500;34.532
p26=-100.454;34.500
p27=-100.000;34.179
p28=-99.819;34.000
p29=-99.500;33.689
p30=-99.324;33.500
p31=-99.000;33.127
p32=-98.919;33.000
p33=-98.593;32.500
p34=-98.500;32.335
p35=-98.333;32.000
p36=-98.057;31.500
p37=-98.000;31.377
p38=-97.867;31.000
p39=-97.698;30.500
p40=-97.554;30.000
p41=-97.500;29.725
p42=-97.458;29.500
p43=-97.381;29.000
p44=-97.371;28.500
p45=-97.383;28.000
p46=-97.465;27.500
p47=-97.500;27.365
p48=-97.595;27.000

p49=-97.775;26.500
p50=-98.000;26.091
p51=-98.056;26.000
p52=-98.390;25.500
p53=-98.500;25.375
p54=-98.856;25.000
p55=-99.000;24.871
p56=-99.402;24.500
p57=-99.500;24.413
p58=-100.000;24.052
p59=-100.079;24.000
p60=-100.500;23.763
p61=-100.971;23.500
p62=-101.000;23.482
p63=-101.500;23.275
p64=-102.000;23.091
p65=-102.312;23.000
p66=-102.500;22.935
p67=-103.000;22.861
p68=-103.500;22.821
p69=-104.000;22.844
p70=-104.500;22.968
p71=-104.586;23.000
p72=-105.000;23.139
p73=-105.500;23.433
p74=-105.583;23.500
p75=-106.000;23.846
p76=-106.137;24.000
p77=-106.500;24.366
p78=-106.604;24.500
p79=-106.956;25.000
p80=-107.000;25.060
p81=-107.274;25.500
p82=-107.500;25.892
p83=-107.550;26.000
p84=-107.778;26.500
p85=-107.996;27.000
p86=-108.000;27.009
p87=-108.182;27.500
p88=-108.340;28.000
p89=-108.476;28.500
p90=-108.500;28.609
p91=-108.581;29.000
p92=-108.655;29.500
p93=-108.710;30.000
p94=-108.701;30.500
p95=-108.676;31.000
p96=-108.589;31.500
p97=-108.500;31.824

[C7]

gain=-20.00
n_point=115
p1=-109.500;31.671
p2=-109.446;32.000
p3=-109.309;32.500
p4=-109.125;33.000

p5=-109.000;33.168
p6=-108.751;33.500
p7=-108.500;33.763
p8=-108.247;34.000
p9=-108.000;34.149
p10=-107.578;34.500
p11=-107.500;34.548
p12=-107.000;34.797
p13=-106.616;35.000
p14=-106.500;35.063
p15=-106.000;35.318
p16=-105.679;35.500
p17=-105.500;35.558
p18=-105.000;35.690
p19=-104.500;35.857
p20=-104.000;35.982
p21=-103.912;36.000
p22=-103.500;36.101
p23=-103.000;36.190
p24=-102.500;36.234
p25=-102.000;36.262
p26=-101.500;36.229
p27=-101.000;36.163
p28=-100.594;36.000
p29=-100.500;35.952
p30=-100.088;35.500
p31=-100.000;35.449
p32=-99.500;35.046
p33=-99.463;35.000
p34=-99.151;34.500
p35=-99.000;34.337
p36=-98.762;34.000
p37=-98.509;33.500
p38=-98.500;33.486
p39=-98.213;33.000
p40=-98.000;32.591
p41=-97.971;32.500
p42=-97.756;32.000
p43=-97.505;31.500
p44=-97.500;31.489
p45=-97.324;31.000
p46=-97.129;30.500
p47=-97.000;30.146
p48=-96.948;30.000
p49=-96.813;29.500
p50=-96.685;29.000
p51=-96.622;28.500
p52=-96.569;28.000
p53=-96.578;27.500
p54=-96.632;27.000
p55=-96.779;26.500
p56=-97.000;26.192
p57=-97.099;26.000
p58=-97.442;25.500
p59=-97.500;25.444
p60=-97.950;25.000
p61=-98.000;24.967

p62=-98.491;24.500
p63=-98.500;24.493
p64=-99.000;24.089
p65=-99.098;24.000
p66=-99.500;23.714
p67=-99.816;23.500
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p69=-100.456;23.000
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p71=-101.000;22.560
p72=-101.103;22.500
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p74=-101.600;22.000
p75=-102.000;21.564
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p77=-102.500;21.044
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p80=-103.500;20.730
p81=-104.000;20.700
p82=-104.500;20.764
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p84=-105.390;21.000
p85=-105.500;21.041
p86=-106.000;21.334
p87=-106.273;21.500
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p89=-106.846;22.000
p90=-107.000;22.161
p91=-107.288;22.500
p92=-107.500;22.858
p93=-107.578;23.000
p94=-107.782;23.500
p95=-107.915;24.000
p96=-108.000;24.417
p97=-108.014;24.500
p98=-108.122;25.000
p99=-108.244;25.500
p100=-108.388;26.000
p101=-108.500;26.327
p102=-108.542;26.500
p103=-108.670;27.000
p104=-108.798;27.500
p105=-108.954;28.000
p106=-109.000;28.147
p107=-109.095;28.500
p108=-109.224;29.000
p109=-109.334;29.500
p110=-109.437;30.000
p111=-109.500;30.470
p112=-109.504;30.500
p113=-109.553;31.000
p114=-109.533;31.500
p115=-109.500;31.671