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

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beam_id=RU13
emi_rcp=R
polar_disc=C
reason=C
n_bore=1
n_cont=7

[B1]
gain=0.00
p=-104.049;39.650

[C1]
gain=-2.00
n_point=35
p1=-106.000;40.870
p2=-105.919;41.000
p3=-105.500;41.418
p4=-105.369;41.500
p5=-105.000;41.680
p6=-104.500;41.754
p7=-104.000;41.692
p8=-103.500;41.525
p9=-103.455;41.500
p10=-103.000;41.204
p11=-102.803;41.000
p12=-102.500;40.553
p13=-102.472;40.500
p14=-102.295;40.000
p15=-102.195;39.500
p16=-102.211;39.000
p17=-102.363;38.500
p18=-102.500;38.234
p19=-102.671;38.000
p20=-103.000;37.690
p21=-103.342;37.500
p22=-103.500;37.439
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p26=-105.000;37.610
p27=-105.500;38.000
p28=-105.500;38.000
p29=-105.890;38.500
p30=-106.000;38.682
p31=-106.157;39.000
p32=-106.254;39.500
p33=-106.257;40.000

p34=-106.169;40.500
p35=-106.000;40.870

[C2]

gain=-4.00
n_point=49
p1=-107.000;41.055
p2=-106.773;41.500
p3=-106.500;41.896
p4=-106.404;42.000
p5=-106.000;42.320
p6=-105.670;42.500
p7=-105.500;42.573
p8=-105.000;42.701
p9=-104.500;42.747
p10=-104.000;42.690
p11=-103.500;42.549
p12=-103.385;42.500
p13=-103.000;42.305
p14=-102.576;42.000
p15=-102.500;41.935
p16=-102.116;41.500
p17=-102.000;41.349
p18=-101.779;41.000
p19=-101.560;40.500
p20=-101.500;40.301
p21=-101.430;40.000
p22=-101.374;39.500
p23=-101.397;39.000
p24=-101.497;38.500
p25=-101.500;38.491
p26=-101.697;38.000
p27=-101.975;37.500
p28=-102.000;37.469
p29=-102.481;37.000
p30=-102.500;36.985
p31=-103.000;36.713
p32=-103.500;36.562
p33=-104.000;36.512
p34=-104.500;36.559
p35=-105.000;36.694
p36=-105.500;36.916
p37=-105.630;37.000
p38=-106.000;37.304
p39=-106.196;37.500
p40=-106.500;37.873
p41=-106.589;38.000
p42=-106.869;38.500
p43=-107.000;38.829
p44=-107.058;39.000
p45=-107.141;39.500
p46=-107.171;40.000
p47=-107.146;40.500
p48=-107.022;41.000
p49=-107.000;41.055

[C3]

gain=-6.00
n_point=59
p1=-107.500;41.738
p2=-107.363;42.000
p3=-107.000;42.488
p4=-106.989;42.500
p5=-106.500;42.920
p6=-106.375;43.000
p7=-106.000;43.212
p8=-105.500;43.387
p9=-105.000;43.477
p10=-104.500;43.498
p11=-104.000;43.452
p12=-103.500;43.305
p13=-103.000;43.100
p14=-102.812;43.000
p15=-102.500;42.820
p16=-102.096;42.500
p17=-102.000;42.405
p18=-101.658;42.000
p19=-101.500;41.786
p20=-101.321;41.500
p21=-101.057;41.000
p22=-101.000;40.829
p23=-100.913;40.500
p24=-100.828;40.000
p25=-100.789;39.500
p26=-100.815;39.000
p27=-100.905;38.500
p28=-101.000;38.163
p29=-101.055;38.000
p30=-101.287;37.500
p31=-101.500;37.174
p32=-101.640;37.000
p33=-102.000;36.639
p34=-102.178;36.500
p35=-102.500;36.288
p36=-103.000;36.047
p37=-103.168;36.000
p38=-103.500;35.918
p39=-104.000;35.878
p40=-104.500;35.909
p41=-104.959;36.000
p42=-105.000;36.009
p43=-105.500;36.197
p44=-106.000;36.466
p45=-106.049;36.500
p46=-106.500;36.865
p47=-106.642;37.000
p48=-107.000;37.420
p49=-107.059;37.500
p50=-107.360;38.000
p51=-107.500;38.298
p52=-107.585;38.500
p53=-107.746;39.000
p54=-107.837;39.500
p55=-107.880;40.000

p56=-107.867;40.500
p57=-107.768;41.000
p58=-107.604;41.500
p59=-107.500;41.738

[C4]

gain=-8.00
n_point=69
p1=-108.000;42.172
p2=-107.803;42.500
p3=-107.500;42.894
p4=-107.401;43.000
p5=-107.000;43.369
p6=-106.820;43.500
p7=-106.500;43.689
p8=-106.000;43.915
p9=-105.729;44.000
p10=-105.500;44.062
p11=-105.000;44.119
p12=-104.500;44.124
p13=-104.000;44.080
p14=-103.625;44.000
p15=-103.500;43.969
p16=-103.000;43.776
p17=-102.500;43.529
p18=-102.453;43.500
p19=-102.000;43.181
p20=-101.796;43.000
p21=-101.500;42.714
p22=-101.309;42.500
p23=-101.000;42.069
p24=-100.959;42.000
p25=-100.705;41.500
p26=-100.503;41.000
p27=-100.500;40.989
p28=-100.394;40.500
p29=-100.328;40.000
p30=-100.302;39.500
p31=-100.333;39.000
p32=-100.419;38.500
p33=-100.500;38.182
p34=-100.554;38.000
p35=-100.756;37.500
p36=-101.000;37.064
p37=-101.042;37.000
p38=-101.451;36.500
p39=-101.500;36.449
p40=-102.000;36.021
p41=-102.032;36.000
p42=-102.500;35.729
p43=-103.000;35.513
p44=-103.049;35.500
p45=-103.500;35.394
p46=-104.000;35.346
p47=-104.500;35.364
p48=-105.000;35.441
p49=-105.215;35.500

p50=-105.500;35.590
p51=-106.000;35.811
p52=-106.314;36.000
p53=-106.500;36.129
p54=-106.943;36.500
p55=-107.000;36.554
p56=-107.407;37.000
p57=-107.500;37.125
p58=-107.739;37.500
p59=-107.997;38.000
p60=-108.000;38.008
p61=-108.193;38.500
p62=-108.344;39.000
p63=-108.428;39.500
p64=-108.465;40.000
p65=-108.464;40.500
p66=-108.387;41.000
p67=-108.262;41.500
p68=-108.088;42.000
p69=-108.000;42.172

[C5]

gain=-10.00
n_point=77
p1=-108.500;42.417
p2=-108.457;42.500
p3=-108.142;43.000
p4=-108.000;43.194
p5=-107.733;43.500
p6=-107.500;43.715
p7=-107.112;44.000
p8=-107.000;44.074
p9=-106.500;44.322
p10=-106.017;44.500
p11=-106.000;44.506
p12=-105.500;44.626
p13=-105.000;44.684
p14=-104.500;44.678
p15=-104.000;44.628
p16=-103.500;44.534
p17=-103.397;44.500
p18=-103.000;44.361
p19=-102.500;44.143
p20=-102.231;44.000
p21=-102.000;43.857
p22=-101.555;43.500
p23=-101.500;43.451
p24=-101.060;43.000
p25=-101.000;42.933
p26=-100.669;42.500
p27=-100.500;42.210
p28=-100.397;42.000
p29=-100.192;41.500
p30=-100.027;41.000
p31=-100.000;40.866
p32=-99.937;40.500
p33=-99.890;40.000

p34=-99.878;39.500
p35=-99.916;39.000
p36=-100.000;38.500
p37=-100.000;38.499
p38=-100.140;38.000
p39=-100.320;37.500
p40=-100.500;37.138
p41=-100.580;37.000
p42=-100.929;36.500
p43=-101.000;36.412
p44=-101.395;36.000
p45=-101.500;35.904
p46=-102.000;35.525
p47=-102.043;35.500
p48=-102.500;35.270
p49=-103.000;35.075
p50=-103.285;35.000
p51=-103.500;34.949
p52=-104.000;34.888
p53=-104.500;34.888
p54=-105.000;34.942
p55=-105.270;35.000
p56=-105.500;35.057
p57=-106.000;35.241
p58=-106.500;35.491
p59=-106.514;35.500
p60=-107.000;35.856
p61=-107.167;36.000
p62=-107.500;36.323
p63=-107.660;36.500
p64=-108.000;36.926
p65=-108.051;37.000
p66=-108.325;37.500
p67=-108.500;37.871
p68=-108.556;38.000
p69=-108.738;38.500
p70=-108.869;39.000
p71=-108.943;39.500
p72=-108.984;40.000
p73=-108.993;40.500
p74=-108.934;41.000
p75=-108.830;41.500
p76=-108.686;42.000
p77=-108.500;42.417

[C6]

gain=-15.00
n_point=95
p1=-110.000;41.424
p2=-109.989;41.500
p3=-109.888;42.000
p4=-109.721;42.500
p5=-109.517;43.000
p6=-109.500;43.037
p7=-109.251;43.500
p8=-109.000;43.862
p9=-108.889;44.000

p10=-108.500;44.427
p11=-108.422;44.500
p12=-108.000;44.858
p13=-107.804;45.000
p14=-107.500;45.177
p15=-107.000;45.419
p16=-106.794;45.500
p17=-106.500;45.608
p18=-106.000;45.732
p19=-105.500;45.812
p20=-105.000;45.857
p21=-104.500;45.859
p22=-104.000;45.811
p23=-103.500;45.731
p24=-103.000;45.613
p25=-102.666;45.500
p26=-102.500;45.438
p27=-102.000;45.215
p28=-101.600;45.000
p29=-101.500;44.939
p30=-101.000;44.573
p31=-100.912;44.500
p32=-100.500;44.133
p33=-100.369;44.000
p34=-100.000;43.541
p35=-99.971;43.500
p36=-99.660;43.000
p37=-99.500;42.698
p38=-99.405;42.500
p39=-99.232;42.000
p40=-99.099;41.500
p41=-99.004;41.000
p42=-99.000;40.939
p43=-98.972;40.500
p44=-98.973;40.000
p45=-99.000;39.547
p46=-99.003;39.500
p47=-99.079;39.000
p48=-99.192;38.500
p49=-99.331;38.000
p50=-99.489;37.500
p51=-99.500;37.475
p52=-99.734;37.000
p53=-100.000;36.500
p54=-100.000;36.500
p55=-100.362;36.000
p56=-100.500;35.819
p57=-100.796;35.500
p58=-101.000;35.311
p59=-101.389;35.000
p60=-101.500;34.921
p61=-102.000;34.619
p62=-102.236;34.500
p63=-102.500;34.373
p64=-103.000;34.177
p65=-103.500;34.023
p66=-103.612;34.000

p67=-104.000;33.917
p68=-104.500;33.857
p69=-105.000;33.854
p70=-105.500;33.906
p71=-105.937;34.000
p72=-106.000;34.015
p73=-106.500;34.189
p74=-107.000;34.423
p75=-107.130;34.500
p76=-107.500;34.746
p77=-107.816;35.000
p78=-108.000;35.166
p79=-108.323;35.500
p80=-108.500;35.698
p81=-108.735;36.000
p82=-109.000;36.388
p83=-109.068;36.500
p84=-109.340;37.000
p85=-109.500;37.343
p86=-109.566;37.500
p87=-109.743;38.000
p88=-109.887;38.500
p89=-109.995;39.000
p90=-110.000;39.038
p91=-110.061;39.500
p92=-110.100;40.000
p93=-110.101;40.500
p94=-110.058;41.000
p95=-110.000;41.424

[C7]

gain=-20.00
n_point=109
p1=-111.000;40.818
p2=-110.992;41.000
p3=-110.932;41.500
p4=-110.847;42.000
p5=-110.712;42.500
p6=-110.552;43.000
p7=-110.500;43.140
p8=-110.351;43.500
p9=-110.076;44.000
p10=-110.000;44.125
p11=-109.744;44.500
p12=-109.500;44.812
p13=-109.335;45.000
p14=-109.000;45.314
p15=-108.773;45.500
p16=-108.500;45.707
p17=-108.053;46.000
p18=-108.000;46.030
p19=-107.500;46.274
p20=-107.000;46.466
p21=-106.894;46.500
p22=-106.500;46.606
p23=-106.000;46.713
p24=-105.500;46.778

p25=-105.000;46.810
p26=-104.500;46.817
p27=-104.000;46.787
p28=-103.500;46.723
p29=-103.000;46.636
p30=-102.500;46.514
p31=-102.455;46.500
p32=-102.000;46.329
p33=-101.500;46.110
p34=-101.290;46.000
p35=-101.000;45.839
p36=-100.500;45.521
p37=-100.470;45.500
p38=-100.000;45.123
p39=-99.866;45.000
p40=-99.500;44.614
p41=-99.402;44.500
p42=-99.009;44.000
p43=-99.000;43.985
p44=-98.722;43.500
p45=-98.500;43.036
p46=-98.484;43.000
p47=-98.304;42.500
p48=-98.193;42.000
p49=-98.119;41.500
p50=-98.083;41.000
p51=-98.108;40.500
p52=-98.163;40.000
p53=-98.246;39.500
p54=-98.372;39.000
p55=-98.500;38.610
p56=-98.532;38.500
p57=-98.708;38.000
p58=-98.895;37.500
p59=-99.000;37.285
p60=-99.142;37.000
p61=-99.412;36.500
p62=-99.500;36.346
p63=-99.730;36.000
p64=-100.000;35.593
p65=-100.074;35.500
p66=-100.500;35.029
p67=-100.531;35.000
p68=-101.000;34.596
p69=-101.129;34.500
p70=-101.500;34.236
p71=-101.869;34.000
p72=-102.000;33.913
p73=-102.500;33.633
p74=-102.779;33.500
p75=-103.000;33.386
p76=-103.500;33.178
p77=-104.000;33.016
p78=-104.078;33.000
p79=-104.500;32.910
p80=-105.000;32.865
p81=-105.500;32.884

p82=-106.000;32.966
p83=-106.125;33.000
p84=-106.500;33.114
p85=-107.000;33.319
p86=-107.359;33.500
p87=-107.500;33.578
p88=-108.000;33.910
p89=-108.114;34.000
p90=-108.500;34.331
p91=-108.677;34.500
p92=-109.000;34.835
p93=-109.143;35.000
p94=-109.500;35.467
p95=-109.522;35.500
p96=-109.826;36.000
p97=-110.000;36.300
p98=-110.105;36.500
p99=-110.337;37.000
p100=-110.500;37.429
p101=-110.523;37.500
p102=-110.670;38.000
p103=-110.810;38.500
p104=-110.907;39.000
p105=-110.965;39.500
p106=-111.000;39.982
p107=-111.001;40.000
p108=-111.012;40.500
p109=-111.000;40.818