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

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beam_id=RD3
emi_rcp=E
polar_disc=C
reason=C
n_bore=1
n_cont=7

[B1]
gain=0.00
p=-108.558;45.348

[C1]
gain=-2.00
n_point=53
p1=-112.000;48.016
p2=-111.680;48.500
p3=-111.500;48.704
p4=-111.203;49.000
p5=-111.000;49.161
p6=-110.500;49.307
p7=-110.000;49.411
p8=-109.500;49.370
p9=-109.000;49.254
p10=-108.500;49.127
p11=-108.270;49.000
p12=-108.000;48.814
p13=-107.552;48.500
p14=-107.500;48.464
p15=-107.000;48.089
p16=-106.916;48.000
p17=-106.554;47.500
p18=-106.500;47.418
p19=-106.252;47.000
p20=-106.000;46.567
p21=-105.963;46.500
p22=-105.847;46.000
p23=-105.736;45.500
p24=-105.719;45.000
p25=-105.789;44.500
p26=-105.878;44.000
p27=-106.000;43.766
p28=-106.236;43.500
p29=-106.500;43.231
p30=-106.753;43.000
p31=-107.000;42.869
p32=-107.500;42.766
p33=-108.000;42.711

p34=-108.500;42.791
p35=-109.000;42.880
p36=-109.267;43.000
p37=-109.500;43.157
p38=-110.000;43.486
p39=-110.016;43.500
p40=-110.500;43.900
p41=-110.603;44.000
p42=-111.000;44.481
p43=-111.016;44.500
p44=-111.346;45.000
p45=-111.500;45.241
p46=-111.662;45.500
p47=-111.827;46.000
p48=-111.989;46.500
p49=-112.000;46.597
p50=-112.048;47.000
p51=-112.023;47.500
p52=-112.007;48.000
p53=-112.000;48.016

[C2]

gain=-4.00
n_point=71
p1=-113.000;49.660
p2=-112.729;50.000
p3=-112.500;50.251
p4=-112.116;50.500
p5=-112.000;50.563
p6=-111.500;50.797
p7=-111.000;50.866
p8=-110.500;50.925
p9=-110.000;50.876
p10=-109.500;50.792
p11=-109.000;50.696
p12=-108.500;50.504
p13=-108.490;50.500
p14=-108.000;50.254
p15=-107.552;50.000
p16=-107.500;49.973
p17=-107.000;49.594
p18=-106.877;49.500
p19=-106.500;49.190
p20=-106.292;49.000
p21=-106.000;48.691
p22=-105.863;48.500
p23=-105.506;48.000
p24=-105.500;47.990
p25=-105.219;47.500
p26=-105.000;47.016
p27=-104.993;47.000
p28=-104.770;46.500
p29=-104.667;46.000
p30=-104.574;45.500
p31=-104.541;45.000
p32=-104.577;44.500
p33=-104.618;44.000

p34=-104.790;43.500
p35=-104.977;43.000
p36=-105.000;42.962
p37=-105.374;42.500
p38=-105.500;42.355
p39=-105.918;42.000
p40=-106.000;41.949
p41=-106.500;41.696
p42=-107.000;41.579
p43=-107.500;41.503
p44=-108.000;41.547
p45=-108.500;41.618
p46=-109.000;41.770
p47=-109.500;41.950
p48=-109.609;42.000
p49=-110.000;42.214
p50=-110.411;42.500
p51=-110.500;42.562
p52=-111.000;42.907
p53=-111.106;43.000
p54=-111.500;43.420
p55=-111.572;43.500
p56=-111.995;44.000
p57=-112.000;44.008
p58=-112.365;44.500
p59=-112.500;44.731
p60=-112.647;45.000
p61=-112.957;45.500
p62=-113.000;45.627
p63=-113.109;46.000
p64=-113.288;46.500
p65=-113.411;47.000
p66=-113.451;47.500
p67=-113.500;48.000
p68=-113.430;48.500
p69=-113.315;49.000
p70=-113.130;49.500
p71=-113.000;49.660

[C3]

gain=-6.00
n_point=91
p1=-114.500;49.542
p2=-114.299;50.000
p3=-114.105;50.500
p4=-114.000;50.690
p5=-113.745;51.000
p6=-113.500;51.229
p7=-113.176;51.500
p8=-113.000;51.626
p9=-112.500;51.845
p10=-112.087;52.000
p11=-112.000;52.023
p12=-111.500;52.050
p13=-111.000;52.077
p14=-110.500;52.042
p15=-110.199;52.000

p16=-110.000;51.966
p17=-109.500;51.883
p18=-109.000;51.703
p19=-108.500;51.512
p20=-108.472;51.500
p21=-108.000;51.312
p22=-107.500;51.027
p23=-107.454;51.000
p24=-107.000;50.729
p25=-106.618;50.500
p26=-106.500;50.409
p27=-106.098;50.000
p28=-106.000;49.908
p29=-105.598;49.500
p30=-105.500;49.394
p31=-105.132;49.000
p32=-105.000;48.813
p33=-104.827;48.500
p34=-104.520;48.000
p35=-104.500;47.963
p36=-104.284;47.500
p37=-104.102;47.000
p38=-104.000;46.715
p39=-103.924;46.500
p40=-103.832;46.000
p41=-103.751;45.500
p42=-103.713;45.000
p43=-103.729;44.500
p44=-103.750;44.000
p45=-103.878;43.500
p46=-104.000;43.036
p47=-104.012;43.000
p48=-104.273;42.500
p49=-104.500;42.099
p50=-104.571;42.000
p51=-105.000;41.548
p52=-105.051;41.500
p53=-105.500;41.147
p54=-105.814;41.000
p55=-106.000;40.927
p56=-106.500;40.748
p57=-107.000;40.689
p58=-107.500;40.653
p59=-108.000;40.714
p60=-108.500;40.784
p61=-109.000;40.936
p62=-109.214;41.000
p63=-109.500;41.101
p64=-110.000;41.359
p65=-110.269;41.500
p66=-110.500;41.627
p67=-111.000;41.937
p68=-111.092;42.000
p69=-111.500;42.361
p70=-111.659;42.500
p71=-112.000;42.798
p72=-112.199;43.000

p73=-112.500;43.347
p74=-112.624;43.500
p75=-112.996;44.000
p76=-113.000;44.005
p77=-113.337;44.500
p78=-113.500;44.803
p79=-113.607;45.000
p80=-113.881;45.500
p81=-114.000;45.820
p82=-114.065;46.000
p83=-114.244;46.500
p84=-114.392;47.000
p85=-114.471;47.500
p86=-114.500;47.663
p87=-114.560;48.000
p88=-114.578;48.500
p89=-114.570;49.000
p90=-114.516;49.500
p91=-114.500;49.542

[C4]

gain=-8.00
n_point=101
p1=-115.000;51.211
p2=-114.824;51.500
p3=-114.501;52.000
p4=-114.500;52.001
p5=-114.000;52.432
p6=-113.908;52.500
p7=-113.500;52.695
p8=-113.000;52.829
p9=-112.500;52.960
p10=-112.000;52.982
p11=-111.539;53.000
p12=-111.500;53.002
p13=-111.457;53.000
p14=-111.000;52.984
p15=-110.500;52.911
p16=-110.000;52.839
p17=-109.500;52.713
p18=-109.000;52.556
p19=-108.820;52.500
p20=-108.500;52.398
p21=-108.000;52.185
p22=-107.605;52.000
p23=-107.500;51.938
p24=-107.000;51.640
p25=-106.816;51.500
p26=-106.500;51.280
p27=-106.143;51.000
p28=-106.000;50.888
p29=-105.500;50.502
p30=-105.498;50.500
p31=-105.067;50.000
p32=-105.000;49.929
p33=-104.665;49.500
p34=-104.500;49.278

p35=-104.294;49.000
p36=-104.016;48.500
p37=-104.000;48.471
p38=-103.759;48.000
p39=-103.519;47.500
p40=-103.500;47.447
p41=-103.380;47.000
p42=-103.240;46.500
p43=-103.160;46.000
p44=-103.083;45.500
p45=-103.034;45.000
p46=-103.039;44.500
p47=-103.071;44.000
p48=-103.200;43.500
p49=-103.319;43.000
p50=-103.496;42.500
p51=-103.500;42.490
p52=-103.741;42.000
p53=-104.000;41.593
p54=-104.064;41.500
p55=-104.481;41.000
p56=-104.500;40.980
p57=-105.000;40.622
p58=-105.183;40.500
p59=-105.500;40.339
p60=-106.000;40.177
p61=-106.500;40.058
p62=-107.000;40.008
p63=-107.500;40.005
p64=-108.000;40.056
p65=-108.500;40.146
p66=-109.000;40.284
p67=-109.500;40.441
p68=-109.644;40.500
p69=-110.000;40.664
p70=-110.500;40.891
p71=-110.693;41.000
p72=-111.000;41.205
p73=-111.436;41.500
p74=-111.500;41.544
p75=-112.000;41.912
p76=-112.108;42.000
p77=-112.500;42.402
p78=-112.595;42.500
p79=-113.000;42.914
p80=-113.078;43.000
p81=-113.487;43.500
p82=-113.500;43.517
p83=-113.821;44.000
p84=-114.000;44.267
p85=-114.148;44.500
p86=-114.400;45.000
p87=-114.500;45.192
p88=-114.658;45.500
p89=-114.854;46.000
p90=-115.000;46.399
p91=-115.037;46.500

p92=-115.206;47.000
p93=-115.308;47.500
p94=-115.420;48.000
p95=-115.496;48.500
p96=-115.482;49.000
p97=-115.486;49.500
p98=-115.395;50.000
p99=-115.286;50.500
p100=-115.136;51.000
p101=-115.000;51.211

[C5]

gain=-10.00
n_point=113
p1=-116.000;51.360
p2=-115.944;51.500
p3=-115.728;52.000
p4=-115.500;52.405
p5=-115.447;52.500
p6=-115.000;52.953
p7=-114.927;53.000
p8=-114.500;53.280
p9=-114.121;53.500
p10=-114.000;53.550
p11=-113.500;53.666
p12=-113.000;53.785
p13=-112.500;53.824
p14=-112.000;53.850
p15=-111.500;53.857
p16=-111.000;53.791
p17=-110.500;53.723
p18=-110.000;53.632
p19=-109.530;53.500
p20=-109.500;53.490
p21=-109.000;53.325
p22=-108.500;53.138
p23=-108.218;53.000
p24=-108.000;52.895
p25=-107.500;52.655
p26=-107.200;52.500
p27=-107.000;52.401
p28=-106.500;52.091
p29=-106.354;52.000
p30=-106.000;51.719
p31=-105.730;51.500
p32=-105.500;51.318
p33=-105.170;51.000
p34=-105.000;50.840
p35=-104.651;50.500
p36=-104.500;50.308
p37=-104.258;50.000
p38=-104.000;49.666
p39=-103.896;49.500
p40=-103.579;49.000
p41=-103.500;48.843
p42=-103.347;48.500
p43=-103.128;48.000

p44=-103.000;47.652
p45=-102.945;47.500
p46=-102.808;47.000
p47=-102.675;46.500
p48=-102.607;46.000
p49=-102.553;45.500
p50=-102.526;45.000
p51=-102.546;44.500
p52=-102.566;44.000
p53=-102.661;43.500
p54=-102.757;43.000
p55=-102.911;42.500
p56=-103.000;42.257
p57=-103.109;42.000
p58=-103.350;41.500
p59=-103.500;41.240
p60=-103.695;41.000
p61=-104.000;40.665
p62=-104.156;40.500
p63=-104.500;40.223
p64=-104.880;40.000
p65=-105.000;39.932
p66=-105.500;39.708
p67=-106.000;39.555
p68=-106.318;39.500
p69=-106.500;39.477
p70=-107.000;39.445
p71=-107.500;39.462
p72=-107.977;39.500
p73=-108.000;39.502
p74=-108.500;39.607
p75=-109.000;39.733
p76=-109.500;39.892
p77=-109.799;40.000
p78=-110.000;40.084
p79=-110.500;40.309
p80=-110.867;40.500
p81=-111.000;40.576
p82=-111.500;40.861
p83=-111.712;41.000
p84=-112.000;41.222
p85=-112.348;41.500
p86=-112.500;41.623
p87=-112.955;42.000
p88=-113.000;42.046
p89=-113.405;42.500
p90=-113.500;42.604
p91=-113.842;43.000
p92=-114.000;43.212
p93=-114.214;43.500
p94=-114.500;43.928
p95=-114.545;44.000
p96=-114.861;44.500
p97=-115.000;44.775
p98=-115.103;45.000
p99=-115.350;45.500
p100=-115.500;45.853

p101=-115.556;46.000
p102=-115.726;46.500
p103=-115.921;47.000
p104=-116.000;47.398
p105=-116.018;47.500
p106=-116.131;48.000
p107=-116.196;48.500
p108=-116.231;49.000
p109=-116.285;49.500
p110=-116.248;50.000
p111=-116.199;50.500
p112=-116.125;51.000
p113=-116.000;51.360

[C6]

gain=-15.00
n_point=135
p1=-117.500;53.107
p2=-117.323;53.500
p3=-117.085;54.000
p4=-117.000;54.084
p5=-116.500;54.427
p6=-116.364;54.500
p7=-116.000;54.652
p8=-115.500;54.792
p9=-115.000;54.929
p10=-114.739;55.000
p11=-114.500;55.073
p12=-114.000;55.251
p13=-113.500;55.402
p14=-113.013;55.500
p15=-113.000;55.502
p16=-112.500;55.587
p17=-112.000;55.563
p18=-111.500;55.507
p19=-111.441;55.500
p20=-111.000;55.436
p21=-110.500;55.279
p22=-110.000;55.120
p23=-109.570;55.000
p24=-109.500;54.976
p25=-109.000;54.786
p26=-108.500;54.584
p27=-108.292;54.500
p28=-108.000;54.384
p29=-107.500;54.177
p30=-107.126;54.000
p31=-107.000;53.939
p32=-106.500;53.692
p33=-106.134;53.500
p34=-106.000;53.414
p35=-105.500;53.054
p36=-105.428;53.000
p37=-105.000;52.676
p38=-104.774;52.500
p39=-104.500;52.282
p40=-104.173;52.000

p41=-104.000;51.823
p42=-103.706;51.500
p43=-103.500;51.261
p44=-103.288;51.000
p45=-103.000;50.630
p46=-102.894;50.500
p47=-102.593;50.000
p48=-102.500;49.828
p49=-102.338;49.500
p50=-102.116;49.000
p51=-102.000;48.623
p52=-101.965;48.500
p53=-101.824;48.000
p54=-101.712;47.500
p55=-101.636;47.000
p56=-101.562;46.500
p57=-101.538;46.000
p58=-101.522;45.500
p59=-101.524;45.000
p60=-101.562;44.500
p61=-101.594;44.000
p62=-101.678;43.500
p63=-101.757;43.000
p64=-101.866;42.500
p65=-102.000;42.000
p66=-102.000;42.000
p67=-102.174;41.500
p68=-102.373;41.000
p69=-102.500;40.714
p70=-102.635;40.500
p71=-103.000;40.013
p72=-103.011;40.000
p73=-103.460;39.500
p74=-103.500;39.464
p75=-104.000;39.107
p76=-104.204;39.000
p77=-104.500;38.858
p78=-105.000;38.653
p79=-105.500;38.533
p80=-105.660;38.500
p81=-106.000;38.453
p82=-106.500;38.440
p83=-107.000;38.434
p84=-107.500;38.468
p85=-107.921;38.500
p86=-108.000;38.509
p87=-108.500;38.608
p88=-109.000;38.706
p89=-109.500;38.832
p90=-110.000;38.966
p91=-110.114;39.000
p92=-110.500;39.125
p93=-111.000;39.303
p94=-111.500;39.491
p95=-111.522;39.500
p96=-112.000;39.722
p97=-112.500;39.983

p98=-112.532;40.000
p99=-113.000;40.267
p100=-113.335;40.500
p101=-113.500;40.623
p102=-114.000;40.996
p103=-114.005;41.000
p104=-114.500;41.472
p105=-114.526;41.500
p106=-114.955;42.000
p107=-115.000;42.059
p108=-115.344;42.500
p109=-115.500;42.737
p110=-115.677;43.000
p111=-115.978;43.500
p112=-116.000;43.542
p113=-116.234;44.000
p114=-116.487;44.500
p115=-116.500;44.533
p116=-116.672;45.000
p117=-116.868;45.500
p118=-117.000;45.889
p119=-117.036;46.000
p120=-117.189;46.500
p121=-117.348;47.000
p122=-117.465;47.500
p123=-117.500;47.659
p124=-117.566;48.000
p125=-117.659;48.500
p126=-117.700;49.000
p127=-117.771;49.500
p128=-117.809;50.000
p129=-117.836;50.500
p130=-117.874;51.000
p131=-117.835;51.500
p132=-117.797;52.000
p133=-117.746;52.500
p134=-117.549;53.000
p135=-117.500;53.107

[C7]

gain=-20.00
n_point=163
p1=-119.000;54.486
p2=-118.996;54.500
p3=-118.718;55.000
p4=-118.500;55.296
p5=-118.297;55.500
p6=-118.000;55.665
p7=-117.500;55.766
p8=-117.000;55.819
p9=-116.500;55.841
p10=-116.000;55.848
p11=-115.500;55.855
p12=-115.000;55.969
p13=-114.891;56.000
p14=-114.500;56.157
p15=-114.000;56.372

p16=-113.660;56.500
p17=-113.500;56.585
p18=-113.000;56.831
p19=-112.500;56.778
p20=-112.000;56.702
p21=-111.500;56.614
p22=-111.191;56.500
p23=-111.000;56.434
p24=-110.500;56.249
p25=-110.000;56.081
p26=-109.702;56.000
p27=-109.500;55.944
p28=-109.000;55.823
p29=-108.500;55.695
p30=-108.000;55.566
p31=-107.753;55.500
p32=-107.500;55.423
p33=-107.000;55.258
p34=-106.500;55.082
p35=-106.227;55.000
p36=-106.000;54.925
p37=-105.500;54.730
p38=-105.000;54.523
p39=-104.812;54.500
p40=-104.500;54.457
p41=-104.000;54.347
p42=-103.500;54.189
p43=-103.000;54.178
p44=-102.500;54.169
p45=-102.084;54.000
p46=-102.000;53.972
p47=-101.500;53.797
p48=-101.000;53.671
p49=-100.804;53.500
p50=-100.500;53.155
p51=-100.356;53.000
p52=-100.000;52.592
p53=-99.922;52.500
p54=-99.500;52.125
p55=-99.433;52.000
p56=-99.242;51.500
p57=-99.030;51.000
p58=-99.000;50.941
p59=-98.778;50.500
p60=-98.668;50.000
p61=-98.632;49.500
p62=-98.601;49.000
p63=-99.000;48.671
p64=-99.500;48.570
p65=-100.000;48.548
p66=-100.030;48.500
p67=-100.243;48.000
p68=-100.374;47.500
p69=-100.490;47.000
p70=-100.500;46.920
p71=-100.536;46.500
p72=-100.620;46.000

p73=-100.685;45.500
p74=-100.752;45.000
p75=-100.844;44.500
p76=-100.905;44.000
p77=-100.993;43.500
p78=-101.000;43.462
p79=-101.099;43.000
p80=-101.200;42.500
p81=-101.300;42.000
p82=-101.379;41.500
p83=-101.486;41.000
p84=-101.500;40.957
p85=-101.673;40.500
p86=-101.793;40.000
p87=-102.000;39.563
p88=-102.038;39.500
p89=-102.201;39.000
p90=-102.500;38.689
p91=-102.751;38.500
p92=-103.000;38.207
p93=-103.293;38.000
p94=-103.500;37.928
p95=-104.000;37.829
p96=-104.500;37.770
p97=-105.000;37.733
p98=-105.500;37.716
p99=-106.000;37.714
p100=-106.500;37.741
p101=-107.000;37.784
p102=-107.500;37.848
p103=-108.000;37.893
p104=-108.500;37.935
p105=-109.000;37.977
p106=-109.327;38.000
p107=-109.500;38.013
p108=-110.000;38.031
p109=-110.500;38.019
p110=-110.737;38.000
p111=-111.000;37.959
p112=-111.500;37.779
p113=-112.000;37.579
p114=-112.198;37.500
p115=-112.500;37.381
p116=-113.000;37.477
p117=-113.099;37.500
p118=-113.500;37.603
p119=-114.000;37.890
p120=-114.198;38.000
p121=-114.500;38.202
p122=-114.942;38.500
p123=-115.000;38.536
p124=-115.500;38.958
p125=-115.557;39.000
p126=-116.000;39.418
p127=-116.073;39.500
p128=-116.500;39.893
p129=-116.598;40.000

p130=-116.936;40.500
p131=-117.000;40.580
p132=-117.313;41.000
p133=-117.500;41.305
p134=-117.628;41.500
p135=-117.931;42.000
p136=-118.000;42.138
p137=-118.189;42.500
p138=-118.385;43.000
p139=-118.500;43.327
p140=-118.564;43.500
p141=-118.602;44.000
p142=-118.648;44.500
p143=-118.619;45.000
p144=-118.627;45.500
p145=-118.646;46.000
p146=-118.644;46.500
p147=-118.685;47.000
p148=-118.692;47.500
p149=-118.728;48.000
p150=-118.797;48.500
p151=-118.814;49.000
p152=-118.881;49.500
p153=-118.944;50.000
p154=-118.988;50.500
p155=-119.000;50.686
p156=-119.019;51.000
p157=-119.088;51.500
p158=-119.171;52.000
p159=-119.254;52.500
p160=-119.292;53.000
p161=-119.230;53.500
p162=-119.128;54.000
p163=-119.000;54.486