

[FormatInfo]  
format\_ver=1

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adm=USA  
sat\_name=SKYTERRA-2  
long\_nom=-95.000  
n\_diag=1

[COHeader]  
beam\_id=RU11  
emi\_rcp=R  
polar\_disc=C  
reason=C  
n\_bore=1  
n\_cont=7

[B1]  
gain=0.00  
p=-116.649;39.388

[C1]  
gain=-2.00  
n\_point=41  
p1=-119.500;40.672  
p2=-119.428;41.000  
p3=-119.070;41.500  
p4=-119.000;41.565  
p5=-118.500;41.863  
p6=-118.000;41.997  
p7=-117.959;42.000  
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p9=-117.269;42.000  
p10=-117.000;41.968  
p11=-116.500;41.780  
p12=-116.000;41.549  
p13=-115.930;41.500  
p14=-115.500;41.093  
p15=-115.418;41.000  
p16=-115.015;40.500  
p17=-115.000;40.475  
p18=-114.788;40.000  
p19=-114.665;39.500  
p20=-114.628;39.000  
p21=-114.716;38.500  
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p24=-115.500;37.548  
p25=-115.598;37.500  
p26=-116.000;37.349  
p27=-116.500;37.284  
p28=-117.000;37.324  
p29=-117.500;37.440  
p30=-117.660;37.500  
p31=-118.000;37.663  
p32=-118.470;38.000  
p33=-118.500;38.027

p34=-118.937;38.500  
p35=-119.000;38.593  
p36=-119.243;39.000  
p37=-119.483;39.500  
p38=-119.500;39.635  
p39=-119.539;40.000  
p40=-119.528;40.500  
p41=-119.500;40.672

[C2]

gain=-4.00  
n\_point=57  
p1=-120.500;41.574  
p2=-120.255;42.000  
p3=-120.000;42.320  
p4=-119.809;42.500  
p5=-119.500;42.700  
p6=-119.000;42.922  
p7=-118.690;43.000  
p8=-118.500;43.038  
p9=-118.000;43.086  
p10=-117.500;43.070  
p11=-117.101;43.000  
p12=-117.000;42.980  
p13=-116.500;42.829  
p14=-116.000;42.595  
p15=-115.842;42.500  
p16=-115.500;42.289  
p17=-115.140;42.000  
p18=-115.000;41.869  
p19=-114.655;41.500  
p20=-114.500;41.297  
p21=-114.320;41.000  
p22=-114.065;40.500  
p23=-114.000;40.354  
p24=-113.869;40.000  
p25=-113.779;39.500  
p26=-113.745;39.000  
p27=-113.762;38.500  
p28=-113.878;38.000  
p29=-114.000;37.719  
p30=-114.126;37.500  
p31=-114.500;37.050  
p32=-114.558;37.000  
p33=-115.000;36.705  
p34=-115.454;36.500  
p35=-115.500;36.483  
p36=-116.000;36.371  
p37=-116.500;36.323  
p38=-117.000;36.336  
p39=-117.500;36.428  
p40=-117.725;36.500  
p41=-118.000;36.598  
p42=-118.500;36.830  
p43=-118.771;37.000  
p44=-119.000;37.167  
p45=-119.406;37.500

p46=-119.500;37.597  
p47=-119.826;38.000  
p48=-120.000;38.256  
p49=-120.154;38.500  
p50=-120.406;39.000  
p51=-120.500;39.263  
p52=-120.581;39.500  
p53=-120.678;40.000  
p54=-120.705;40.500  
p55=-120.678;41.000  
p56=-120.535;41.500  
p57=-120.500;41.574

[C3]

gain=-6.00  
n\_point=67  
p1=-121.500;41.619  
p2=-121.384;42.000  
p3=-121.136;42.500  
p4=-121.000;42.674  
p5=-120.688;43.000  
p6=-120.500;43.160  
p7=-120.000;43.485  
p8=-119.968;43.500  
p9=-119.500;43.684  
p10=-119.000;43.816  
p11=-118.500;43.891  
p12=-118.000;43.900  
p13=-117.500;43.858  
p14=-117.000;43.774  
p15=-116.500;43.629  
p16=-116.146;43.500  
p17=-116.000;43.445  
p18=-115.500;43.185  
p19=-115.209;43.000  
p20=-115.000;42.851  
p21=-114.611;42.500  
p22=-114.500;42.388  
p23=-114.156;42.000  
p24=-114.000;41.798  
p25=-113.814;41.500  
p26=-113.562;41.000  
p27=-113.500;40.868  
p28=-113.357;40.500  
p29=-113.219;40.000  
p30=-113.138;39.500  
p31=-113.086;39.000  
p32=-113.084;38.500  
p33=-113.178;38.000  
p34=-113.346;37.500  
p35=-113.500;37.184  
p36=-113.615;37.000  
p37=-114.000;36.539  
p38=-114.042;36.500  
p39=-114.500;36.178  
p40=-114.827;36.000  
p41=-115.000;35.921

p42=-115.500;35.749  
p43=-116.000;35.636  
p44=-116.500;35.587  
p45=-117.000;35.592  
p46=-117.500;35.650  
p47=-118.000;35.770  
p48=-118.500;35.960  
p49=-118.585;36.000  
p50=-119.000;36.221  
p51=-119.416;36.500  
p52=-119.500;36.565  
p53=-120.000;36.989  
p54=-120.012;37.000  
p55=-120.461;37.500  
p56=-120.500;37.554  
p57=-120.802;38.000  
p58=-121.000;38.353  
p59=-121.074;38.500  
p60=-121.306;39.000  
p61=-121.461;39.500  
p62=-121.500;39.692  
p63=-121.562;40.000  
p64=-121.628;40.500  
p65=-121.617;41.000  
p66=-121.531;41.500  
p67=-121.500;41.619

[C4]

gain=-8.00  
n\_point=79  
p1=-122.000;42.680  
p2=-121.806;43.000  
p3=-121.500;43.389  
p4=-121.394;43.500  
p5=-121.000;43.823  
p6=-120.731;44.000  
p7=-120.500;44.116  
p8=-120.000;44.315  
p9=-119.500;44.461  
p10=-119.291;44.500  
p11=-119.000;44.550  
p12=-118.500;44.588  
p13=-118.000;44.595  
p14=-117.500;44.556  
p15=-117.150;44.500  
p16=-117.000;44.475  
p17=-116.500;44.356  
p18=-116.000;44.176  
p19=-115.591;44.000  
p20=-115.500;43.958  
p21=-115.000;43.661  
p22=-114.767;43.500  
p23=-114.500;43.303  
p24=-114.172;43.000  
p25=-114.000;42.813  
p26=-113.744;42.500  
p27=-113.500;42.163

p28=-113.402;42.000  
p29=-113.147;41.500  
p30=-113.000;41.167  
p31=-112.939;41.000  
p32=-112.797;40.500  
p33=-112.687;40.000  
p34=-112.610;39.500  
p35=-112.569;39.000  
p36=-112.575;38.500  
p37=-112.641;38.000  
p38=-112.757;37.500  
p39=-112.936;37.000  
p40=-113.000;36.874  
p41=-113.237;36.500  
p42=-113.500;36.213  
p43=-113.742;36.000  
p44=-114.000;35.815  
p45=-114.500;35.525  
p46=-114.554;35.500  
p47=-115.000;35.316  
p48=-115.500;35.153  
p49=-116.000;35.033  
p50=-116.230;35.000  
p51=-116.500;34.964  
p52=-117.000;34.957  
p53=-117.486;35.000  
p54=-117.500;35.001  
p55=-118.000;35.099  
p56=-118.500;35.251  
p57=-119.000;35.466  
p58=-119.065;35.500  
p59=-119.500;35.750  
p60=-119.851;36.000  
p61=-120.000;36.121  
p62=-120.434;36.500  
p63=-120.500;36.563  
p64=-120.898;37.000  
p65=-121.000;37.125  
p66=-121.287;37.500  
p67=-121.500;37.848  
p68=-121.584;38.000  
p69=-121.847;38.500  
p70=-122.000;38.855  
p71=-122.057;39.000  
p72=-122.208;39.500  
p73=-122.321;40.000  
p74=-122.396;40.500  
p75=-122.422;41.000  
p76=-122.368;41.500  
p77=-122.267;42.000  
p78=-122.094;42.500  
p79=-122.000;42.680

[C5]

gain=-10.00  
n\_point=89  
p1=-123.000;42.207

p2=-122.913;42.500  
p3=-122.698;43.000  
p4=-122.500;43.355  
p5=-122.407;43.500  
p6=-122.000;43.964  
p7=-121.963;44.000  
p8=-121.500;44.351  
p9=-121.258;44.500  
p10=-121.000;44.638  
p11=-120.500;44.855  
p12=-120.056;45.000  
p13=-120.000;45.016  
p14=-119.500;45.116  
p15=-119.000;45.187  
p16=-118.500;45.222  
p17=-118.000;45.215  
p18=-117.500;45.181  
p19=-117.000;45.106  
p20=-116.520;45.000  
p21=-116.500;44.996  
p22=-116.000;44.855  
p23=-115.500;44.659  
p24=-115.142;44.500  
p25=-115.000;44.427  
p26=-114.500;44.098  
p27=-114.369;44.000  
p28=-114.000;43.706  
p29=-113.786;43.500  
p30=-113.500;43.189  
p31=-113.347;43.000  
p32=-113.020;42.500  
p33=-113.000;42.466  
p34=-112.763;42.000  
p35=-112.558;41.500  
p36=-112.500;41.311  
p37=-112.421;41.000  
p38=-112.312;40.500  
p39=-112.226;40.000  
p40=-112.177;39.500  
p41=-112.155;39.000  
p42=-112.156;38.500  
p43=-112.196;38.000  
p44=-112.270;37.500  
p45=-112.403;37.000  
p46=-112.500;36.764  
p47=-112.635;36.500  
p48=-113.000;36.007  
p49=-113.007;36.000  
p50=-113.500;35.565  
p51=-113.590;35.500  
p52=-114.000;35.245  
p53=-114.459;35.000  
p54=-114.500;34.980  
p55=-115.000;34.782  
p56=-115.500;34.619  
p57=-115.982;34.500  
p58=-116.000;34.496

p59=-116.500;34.424  
p60=-117.000;34.397  
p61=-117.500;34.428  
p62=-117.936;34.500  
p63=-118.000;34.512  
p64=-118.500;34.648  
p65=-119.000;34.836  
p66=-119.335;35.000  
p67=-119.500;35.088  
p68=-120.000;35.389  
p69=-120.153;35.500  
p70=-120.500;35.793  
p71=-120.729;36.000  
p72=-121.000;36.263  
p73=-121.215;36.500  
p74=-121.500;36.838  
p75=-121.630;37.000  
p76=-121.973;37.500  
p77=-122.000;37.547  
p78=-122.257;38.000  
p79=-122.500;38.490  
p80=-122.505;38.500  
p81=-122.714;39.000  
p82=-122.867;39.500  
p83=-122.991;40.000  
p84=-123.000;40.042  
p85=-123.092;40.500  
p86=-123.117;41.000  
p87=-123.106;41.500  
p88=-123.056;42.000  
p89=-123.000;42.207

[C6]

gain=-15.00  
n\_point=109  
p1=-124.500;43.307  
p2=-124.440;43.500  
p3=-124.202;44.000  
p4=-124.000;44.315  
p5=-123.870;44.500  
p6=-123.500;44.908  
p7=-123.408;45.000  
p8=-123.000;45.313  
p9=-122.715;45.500  
p10=-122.500;45.623  
p11=-122.000;45.866  
p12=-121.663;46.000  
p13=-121.500;46.058  
p14=-121.000;46.211  
p15=-120.500;46.339  
p16=-120.000;46.441  
p17=-119.581;46.500  
p18=-119.500;46.510  
p19=-119.000;46.562  
p20=-118.500;46.586  
p21=-118.000;46.587  
p22=-117.500;46.573

p23=-117.000;46.520  
p24=-116.861;46.500  
p25=-116.500;46.447  
p26=-116.000;46.343  
p27=-115.500;46.206  
p28=-115.000;46.041  
p29=-114.900;46.000  
p30=-114.500;45.817  
p31=-114.000;45.554  
p32=-113.914;45.500  
p33=-113.500;45.218  
p34=-113.207;45.000  
p35=-113.000;44.827  
p36=-112.667;44.500  
p37=-112.500;44.310  
p38=-112.256;44.000  
p39=-112.000;43.628  
p40=-111.922;43.500  
p41=-111.679;43.000  
p42=-111.502;42.500  
p43=-111.500;42.494  
p44=-111.380;42.000  
p45=-111.324;41.500  
p46=-111.300;41.000  
p47=-111.288;40.500  
p48=-111.305;40.000  
p49=-111.324;39.500  
p50=-111.329;39.000  
p51=-111.329;38.500  
p52=-111.339;38.000  
p53=-111.368;37.500  
p54=-111.413;37.000  
p55=-111.500;36.500  
p56=-111.500;36.499  
p57=-111.673;36.000  
p58=-111.976;35.500  
p59=-112.000;35.473  
p60=-112.493;35.000  
p61=-112.500;34.995  
p62=-113.000;34.666  
p63=-113.276;34.500  
p64=-113.500;34.386  
p65=-114.000;34.133  
p66=-114.272;34.000  
p67=-114.500;33.896  
p68=-115.000;33.683  
p69=-115.487;33.500  
p70=-115.500;33.496  
p71=-116.000;33.364  
p72=-116.500;33.285  
p73=-117.000;33.255  
p74=-117.500;33.265  
p75=-118.000;33.311  
p76=-118.500;33.402  
p77=-118.857;33.500  
p78=-119.000;33.545  
p79=-119.500;33.735



p80=-120.000;33.973  
p81=-120.048;34.000  
p82=-120.500;34.275  
p83=-120.827;34.500  
p84=-121.000;34.629  
p85=-121.434;35.000  
p86=-121.500;35.060  
p87=-121.940;35.500  
p88=-122.000;35.567  
p89=-122.353;36.000  
p90=-122.500;36.184  
p91=-122.725;36.500  
p92=-123.000;36.919  
p93=-123.051;37.000  
p94=-123.335;37.500  
p95=-123.500;37.814  
p96=-123.596;38.000  
p97=-123.841;38.500  
p98=-124.000;38.869  
p99=-124.057;39.000  
p100=-124.240;39.500  
p101=-124.395;40.000  
p102=-124.500;40.368  
p103=-124.536;40.500  
p104=-124.617;41.000  
p105=-124.683;41.500  
p106=-124.711;42.000  
p107=-124.672;42.500  
p108=-124.588;43.000  
p109=-124.500;43.307

[C7]

gain=-20.00  
n\_point=129  
p1=-126.000;44.787  
p2=-125.891;45.000  
p3=-125.500;45.494  
p4=-125.494;45.500  
p5=-125.000;45.937  
p6=-124.924;46.000  
p7=-124.500;46.299  
p8=-124.161;46.500  
p9=-124.000;46.582  
p10=-123.500;46.804  
p11=-123.000;46.984  
p12=-122.951;47.000  
p13=-122.500;47.125  
p14=-122.000;47.249  
p15=-121.500;47.356  
p16=-121.000;47.451  
p17=-120.721;47.500  
p18=-120.500;47.535  
p19=-120.000;47.602  
p20=-119.500;47.661  
p21=-119.000;47.709  
p22=-118.500;47.736  
p23=-118.000;47.749

p24=-117.500;47.735  
p25=-117.000;47.705  
p26=-116.500;47.660  
p27=-116.000;47.589  
p28=-115.500;47.502  
p29=-115.493;47.500  
p30=-115.000;47.375  
p31=-114.500;47.225  
p32=-114.000;47.028  
p33=-113.937;47.000  
p34=-113.500;46.791  
p35=-113.000;46.502  
p36=-112.997;46.500  
p37=-112.500;46.173  
p38=-112.281;46.000  
p39=-112.000;45.748  
p40=-111.755;45.500  
p41=-111.500;45.221  
p42=-111.325;45.000  
p43=-111.000;44.518  
p44=-110.989;44.500  
p45=-110.723;44.000  
p46=-110.500;43.506  
p47=-110.497;43.500  
p48=-110.349;43.000  
p49=-110.238;42.500  
p50=-110.171;42.000  
p51=-110.199;41.500  
p52=-110.277;41.000  
p53=-110.384;40.500  
p54=-110.500;40.126  
p55=-110.532;40.000  
p56=-110.649;39.500  
p57=-110.715;39.000  
p58=-110.755;38.500  
p59=-110.740;38.000  
p60=-110.683;37.500  
p61=-110.608;37.000  
p62=-110.517;36.500  
p63=-110.500;36.395  
p64=-110.400;36.000  
p65=-110.358;35.500  
p66=-110.458;35.000  
p67=-110.500;34.927  
p68=-110.862;34.500  
p69=-111.000;34.421  
p70=-111.500;34.209  
p71=-112.000;34.045  
p72=-112.124;34.000  
p73=-112.500;33.895  
p74=-113.000;33.721  
p75=-113.500;33.505  
p76=-113.510;33.500  
p77=-114.000;33.262  
p78=-114.500;33.006  
p79=-114.514;33.000  
p80=-115.000;32.791

p81=-115.500;32.618  
p82=-115.963;32.500  
p83=-116.000;32.492  
p84=-116.500;32.419  
p85=-117.000;32.374  
p86=-117.500;32.357  
p87=-118.000;32.365  
p88=-118.500;32.398  
p89=-119.000;32.461  
p90=-119.209;32.500  
p91=-119.500;32.558  
p92=-120.000;32.697  
p93=-120.500;32.893  
p94=-120.716;33.000  
p95=-121.000;33.150  
p96=-121.500;33.496  
p97=-121.506;33.500  
p98=-122.000;33.913  
p99=-122.087;34.000  
p100=-122.500;34.428  
p101=-122.562;34.500  
p102=-122.966;35.000  
p103=-123.000;35.045  
p104=-123.316;35.500  
p105=-123.500;35.787  
p106=-123.621;36.000  
p107=-123.906;36.500  
p108=-124.000;36.674  
p109=-124.155;37.000  
p110=-124.403;37.500  
p111=-124.500;37.697  
p112=-124.633;38.000  
p113=-124.883;38.500  
p114=-125.000;38.754  
p115=-125.104;39.000  
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p117=-125.500;39.925  
p118=-125.530;40.000  
p119=-125.713;40.500  
p120=-125.881;41.000  
p121=-126.000;41.382  
p122=-126.039;41.500  
p123=-126.173;42.000  
p124=-126.274;42.500  
p125=-126.332;43.000  
p126=-126.328;43.500  
p127=-126.271;44.000  
p128=-126.132;44.500  
p129=-126.000;44.787