

[FormatInfo]  
format\_ver=1  
[GeoMain]  
ntc\_id=1  
adm=USA  
sat\_name=VIASAT-1  
long\_nom=-115.10  
n\_diag=1  
[COHeader]  
beam\_id=BNL  
emi\_rcp=R  
polar\_disc=C  
reason=C  
n\_bore=1  
n\_cont=14  
[B1]  
gain=0.00  
p=-103.2740;44.3960  
[C1]  
gain=-2.00  
n\_point=23  
P1=-112.3820;39.3120  
P2=-112.3490;39.2640  
P3=-112.2160;38.8930  
P4=-112.1740;38.4770  
P5=-112.2270;38.0640  
P6=-112.3720;37.6540  
P7=-112.4200;37.5700  
P8=-112.7100;37.2470  
P9=-112.8020;37.1700  
P10=-113.1710;37.0700  
P11=-113.5350;37.1890  
P12=-113.5930;37.2430  
P13=-113.8830;37.6480  
P14=-113.8930;37.6760  
P15=-113.9810;38.0570  
P16=-113.9800;38.4690  
P17=-113.8860;38.8860  
P18=-113.8710;38.9210  
P19=-113.6310;39.3070  
P20=-113.4810;39.4700  
P21=-113.0950;39.6580  
P22=-112.7150;39.6090  
P23=-112.3820;39.3120  
[C2]  
gain=-4.00  
n\_point=33  
P1=-112.5840;40.1640  
P2=-112.3160;40.0110  
P3=-112.0920;39.7390  
P4=-111.9590;39.4900  
P5=-111.8940;39.3160  
P6=-111.8120;38.8960  
P7=-111.8010;38.4800  
P8=-111.8510;38.0670  
P9=-111.9620;37.6570

P10=-112.0570;37.4340  
P11=-112.1540;37.2500  
P12=-112.4470;36.8550  
P13=-112.4590;36.8460  
P14=-112.8210;36.6010  
P15=-113.1860;36.5220  
P16=-113.5480;36.6000  
P17=-113.8870;36.8400  
P18=-113.9070;36.8580  
P19=-114.1590;37.2420  
P20=-114.2640;37.5050  
P21=-114.3090;37.6470  
P22=-114.3720;38.0560  
P23=-114.3670;38.4690  
P24=-114.2940;38.8850  
P25=-114.2460;39.0280  
P26=-114.1380;39.3050  
P27=-113.8770;39.7300  
P28=-113.8550;39.7570  
P29=-113.4650;40.0900  
P30=-113.2820;40.1600  
P31=-113.0760;40.2340  
P32=-112.6920;40.2160  
P33=-112.5840;40.1640

[C3]

gain=-6.00

n\_point=41

P1=-112.4670;40.5970  
P2=-112.2930;40.5260  
P3=-111.9230;40.1890  
P4=-111.9080;40.1680  
P5=-111.6850;39.7420  
P6=-111.5840;39.3890  
P7=-111.5670;39.3180  
P8=-111.5170;38.8990  
P9=-111.5210;38.4820  
P10=-111.5720;38.0690  
P11=-111.6710;37.6590  
P12=-111.6780;37.6400  
P13=-111.8200;37.2520  
P14=-112.0360;36.8480  
P15=-112.0860;36.7750  
P16=-112.3860;36.4470  
P17=-112.4660;36.3760  
P18=-112.8340;36.1750  
P19=-113.1970;36.1110  
P20=-113.5570;36.1690  
P21=-113.9150;36.3620  
P22=-114.0010;36.4410  
P23=-114.2720;36.7530  
P24=-114.3280;36.8390  
P25=-114.5130;37.2410  
P26=-114.6190;37.6470  
P27=-114.6310;37.7440  
P28=-114.6670;38.0560  
P29=-114.6600;38.4680

P30=-114.6250;38.6990  
P31=-114.5980;38.8850  
P32=-114.4790;39.3050  
P33=-114.2820;39.7290  
P34=-114.2360;39.8040  
P35=-113.9640;40.1580  
P36=-113.8450;40.2810  
P37=-113.4530;40.5500  
P38=-113.3230;40.5920  
P39=-113.0620;40.6760  
P40=-112.6740;40.6720  
P41=-112.4670;40.5970

[C4]

gain=-10.00

n\_point=66

P1=-111.7770;40.9430  
P2=-111.6100;40.7680  
P3=-111.4570;40.5800  
P4=-111.3480;40.3630  
P5=-111.2480;40.1420  
P6=-111.1800;39.9090  
P7=-111.1240;39.6740  
P8=-111.0910;39.4330  
P9=-111.0710;39.1920  
P10=-111.0660;38.9490  
P11=-111.0730;38.7070  
P12=-111.0910;38.4650  
P13=-111.1200;38.2240  
P14=-111.1590;37.9850  
P15=-111.2080;37.7480  
P16=-111.2690;37.5130  
P17=-111.3380;37.2810  
P18=-111.4190;37.0520  
P19=-111.5120;36.8280  
P20=-111.6230;36.6130  
P21=-111.7450;36.4030  
P22=-111.8990;36.2150  
P23=-112.0540;36.0290  
P24=-112.2420;35.8770  
P25=-112.4390;35.7350  
P26=-112.6570;35.6280  
P27=-112.8860;35.5520  
P28=-113.1260;35.5130  
P29=-113.3680;35.5160  
P30=-113.6050;35.5670  
P31=-113.8350;35.6450  
P32=-114.0440;35.7670  
P33=-114.2410;35.9090  
P34=-114.4160;36.0760  
P35=-114.5690;36.2640  
P36=-114.7100;36.4610  
P37=-114.8200;36.6770  
P38=-114.9190;36.8980  
P39=-114.9920;37.1300  
P40=-115.0540;37.3640  
P41=-115.1010;37.6020

P42=-115.1290;37.8430  
P43=-115.1430;38.0850  
P44=-115.1410;38.3270  
P45=-115.1250;38.5690  
P46=-115.0940;38.8100  
P47=-115.0470;39.0470  
P48=-114.9910;39.2840  
P49=-114.9210;39.5160  
P50=-114.8380;39.7440  
P51=-114.7350;39.9630  
P52=-114.6220;40.1770  
P53=-114.4790;40.3740  
P54=-114.3360;40.5700  
P55=-114.1700;40.7450  
P56=-113.9820;40.8990  
P57=-113.7890;41.0450  
P58=-113.5770;41.1650  
P59=-113.3550;41.2610  
P60=-113.1210;41.3240  
P61=-112.8800;41.3540  
P62=-112.6380;41.3470  
P63=-112.4000;41.3020  
P64=-112.1730;41.2170  
P65=-111.9620;41.0970  
P66=-111.7770;40.9430

[C5]

gain=-8.00

n\_point=66

P1=-112.5370;41.0070  
P2=-112.3290;40.9440  
P3=-112.1380;40.8400  
P4=-111.9620;40.7130  
P5=-111.8050;40.5650  
P6=-111.6850;40.3810  
P7=-111.5660;40.2010  
P8=-111.4750;40.0030  
P9=-111.4050;39.7970  
P10=-111.3510;39.5870  
P11=-111.3150;39.3720  
P12=-111.2930;39.1560  
P13=-111.2830;38.9390  
P14=-111.2850;38.7220  
P15=-111.2970;38.5050  
P16=-111.3180;38.2880  
P17=-111.3480;38.0730  
P18=-111.3880;37.8590  
P19=-111.4380;37.6480  
P20=-111.4980;37.4390  
P21=-111.5700;37.2340  
P22=-111.6550;37.0340  
P23=-111.7470;36.8370  
P24=-111.8660;36.6540  
P25=-111.9840;36.4730  
P26=-112.1220;36.3040  
P27=-112.2870;36.1620  
P28=-112.4540;36.0240

P29=-112.6460;35.9220  
P30=-112.8480;35.8420  
P31=-113.0610;35.7980  
P32=-113.2780;35.7900  
P33=-113.4930;35.8190  
P34=-113.7000;35.8850  
P35=-113.8970;35.9780  
P36=-114.0710;36.1070  
P37=-114.2340;36.2510  
P38=-114.3790;36.4120  
P39=-114.4970;36.5950  
P40=-114.6080;36.7820  
P41=-114.6940;36.9810  
P42=-114.7720;37.1840  
P43=-114.8280;37.3940  
P44=-114.8710;37.6070  
P45=-114.8990;37.8220  
P46=-114.9130;38.0390  
P47=-114.9160;38.2560  
P48=-114.9060;38.4740  
P49=-114.8850;38.6900  
P50=-114.8510;38.9050  
P51=-114.8040;39.1170  
P52=-114.7440;39.3260  
P53=-114.6680;39.5290  
P54=-114.5850;39.7300  
P55=-114.4790;39.9200  
P56=-114.3690;40.1080  
P57=-114.2450;40.2860  
P58=-114.0950;40.4440  
P59=-113.9430;40.5980  
P60=-113.7710;40.7320  
P61=-113.5830;40.8410  
P62=-113.3890;40.9400  
P63=-113.1800;40.9980  
P64=-112.9670;41.0380  
P65=-112.7500;41.0410  
P66=-112.5370;41.0070

[C6]

gain=-15.00

n\_point=65

P1=-112.2600;41.9170  
P2=-111.9790;41.8200  
P3=-111.7200;41.6740  
P4=-111.4850;41.4910  
P5=-111.2920;41.2640  
P6=-111.1040;41.0350  
P7=-110.9520;40.7780  
P8=-110.8280;40.5080  
P9=-110.7370;40.2240  
P10=-110.6720;39.9340  
P11=-110.6280;39.6400  
P12=-110.6130;39.3430  
P13=-110.6170;39.0450  
P14=-110.6350;38.7480  
P15=-110.6640;38.4520

P16=-110.7040;38.1570  
P17=-110.7540;37.8630  
P18=-110.8160;37.5720  
P19=-110.8910;37.2840  
P20=-110.9800;37.0000  
P21=-111.0800;36.7200  
P22=-111.2000;36.4470  
P23=-111.3500;36.1900  
P24=-111.5230;35.9490  
P25=-111.7100;35.7170  
P26=-111.9290;35.5170  
P27=-112.1590;35.3280  
P28=-112.4150;35.1740  
P29=-112.6860;35.0530  
P30=-112.9740;34.9810  
P31=-113.2710;34.9600  
P32=-113.5670;34.9920  
P33=-113.8520;35.0760  
P34=-114.1170;35.2110  
P35=-114.3630;35.3780  
P36=-114.5920;35.5680  
P37=-114.7930;35.7870  
P38=-114.9820;36.0170  
P39=-115.1460;36.2660  
P40=-115.2880;36.5260  
P41=-115.4020;36.8010  
P42=-115.4980;37.0830  
P43=-115.5690;37.3720  
P44=-115.6130;37.6670  
P45=-115.6350;37.9630  
P46=-115.6390;38.2610  
P47=-115.6260;38.5580  
P48=-115.5980;38.8540  
P49=-115.5500;39.1480  
P50=-115.4780;39.4370  
P51=-115.3850;39.7200  
P52=-115.2860;40.0010  
P53=-115.1610;40.2710  
P54=-115.0080;40.5250  
P55=-114.8290;40.7640  
P56=-114.6450;40.9970  
P57=-114.4260;41.1980  
P58=-114.2090;41.4020  
P59=-113.9640;41.5710  
P60=-113.7050;41.7180  
P61=-113.4300;41.8310  
P62=-113.1450;41.9170  
P63=-112.8520;41.9670  
P64=-112.5540;41.9640  
P65=-112.2600;41.9170  
[C7]  
gain=-20.00  
n\_point=65  
P1=-111.7070;42.3190  
P2=-111.4230;42.1300  
P3=-111.1910;41.8790

P4=-110.9800;41.6100  
P5=-110.8020;41.3190  
P6=-110.6370;41.0200  
P7=-110.5010;40.7070  
P8=-110.3970;40.3810  
P9=-110.3160;40.0500  
P10=-110.2640;39.7120  
P11=-110.2450;39.3710  
P12=-110.2530;39.0300  
P13=-110.2800;38.6890  
P14=-110.3210;38.3500  
P15=-110.3750;38.0130  
P16=-110.4400;37.6770  
P17=-110.5210;37.3460  
P18=-110.6180;37.0180  
P19=-110.7240;36.6930  
P20=-110.8610;36.3800  
P21=-111.0300;36.0830  
P22=-111.2240;35.8020  
P23=-111.4330;35.5330  
P24=-111.6690;35.2860  
P25=-111.9220;35.0560  
P26=-112.1960;34.8520  
P27=-112.4740;34.6530  
P28=-112.7900;34.5280  
P29=-113.1230;34.4510  
P30=-113.4610;34.4700  
P31=-113.7920;34.5540  
P32=-114.0960;34.7070  
P33=-114.3690;34.9120  
P34=-114.6380;35.1220  
P35=-114.8800;35.3630  
P36=-115.1140;35.6120  
P37=-115.3230;35.8820  
P38=-115.5220;36.1600  
P39=-115.6900;36.4570  
P40=-115.8500;36.7590  
P41=-115.9730;37.0780  
P42=-116.0540;37.4090  
P43=-116.0990;37.7480  
P44=-116.1290;38.0880  
P45=-116.1300;38.4300  
P46=-116.1100;38.7710  
P47=-116.0770;39.1110  
P48=-116.0170;39.4470  
P49=-115.9190;39.7740  
P50=-115.7750;40.0840  
P51=-115.6280;40.3920  
P52=-115.4440;40.6790  
P53=-115.2360;40.9500  
P54=-115.0020;41.1990  
P55=-114.7570;41.4370  
P56=-114.4920;41.6520  
P57=-114.2160;41.8540  
P58=-113.9350;42.0480  
P59=-113.6400;42.2190

P60=-113.3240;42.3480  
P61=-113.0070;42.4780  
P62=-112.6770;42.5620  
P63=-112.3360;42.5720  
P64=-112.0100;42.4770  
P65=-111.7070;42.3190

[C8]

gain=-2.00

n\_point=21

P1=-102.0960;45.4000  
P2=-101.9730;44.9180  
P3=-102.0310;44.4360  
P4=-102.2740;43.9540  
P5=-102.6130;43.5950  
P6=-102.8280;43.4680  
P7=-103.0880;43.3590  
P8=-103.5080;43.3520  
P9=-103.7090;43.4420  
P10=-103.8840;43.5540  
P11=-104.1160;43.8980  
P12=-104.1770;44.1590  
P13=-104.2030;44.3690  
P14=-104.1100;44.8510  
P15=-103.9700;45.1170  
P16=-103.8150;45.3450  
P17=-103.4060;45.6840  
P18=-102.9280;45.8440  
P19=-102.5060;45.7720  
P20=-102.1430;45.4770  
P21=-102.0960;45.4000

[C9]

gain=-4.00

n\_point=31

P1=-102.6510;46.3730  
P2=-102.3600;46.3290  
P3=-101.9740;46.1100  
P4=-101.7920;45.9030  
P5=-101.6520;45.6640  
P6=-101.5630;45.4180  
P7=-101.5160;44.9330  
P8=-101.5910;44.4510  
P9=-101.7840;43.9700  
P10=-102.1170;43.4910  
P11=-102.2480;43.3590  
P12=-102.7400;43.0080  
P13=-102.7510;43.0020  
P14=-103.1990;42.8640  
P15=-103.6120;42.8700  
P16=-103.9020;42.9740  
P17=-103.9970;43.0130  
P18=-104.3480;43.3310  
P19=-104.4110;43.4230  
P20=-104.6020;43.8850  
P21=-104.6220;44.0510  
P22=-104.6490;44.3570  
P23=-104.5750;44.8380



P24=-104.3770;45.3290  
P25=-104.3460;45.3780  
P26=-103.9920;45.8320  
P27=-103.7630;46.0340  
P28=-103.2550;46.3070  
P29=-102.9650;46.3630  
P30=-102.7890;46.3930  
P31=-102.6510;46.3730

[C10]

gain=-8.00

n\_point=41

P1=-101.6980;46.9120  
P2=-101.3760;46.6450  
P3=-101.2150;46.4230  
P4=-101.0700;46.1520  
P5=-100.9830;45.9320  
P6=-100.8930;45.4420  
P7=-100.8950;45.2220  
P8=-100.8940;44.9560  
P9=-100.9770;44.4720  
P10=-101.1420;43.9920  
P11=-101.3300;43.6380  
P12=-101.3960;43.5150  
P13=-101.7560;43.0400  
P14=-101.9540;42.8430  
P15=-102.3180;42.5640  
P16=-102.4580;42.4710  
P17=-102.9170;42.2710  
P18=-103.3450;42.1900  
P19=-103.7510;42.2060  
P20=-104.1380;42.3170  
P21=-104.4430;42.5030  
P22=-104.5040;42.5410  
P23=-104.8470;42.8970  
P24=-104.8830;42.9480  
P25=-105.1180;43.4040  
P26=-105.1470;43.5050  
P27=-105.2460;43.8690  
P28=-105.2770;44.3410  
P29=-105.2250;44.8210  
P30=-105.0910;45.3100  
P31=-104.8560;45.8080  
P32=-104.6160;46.1480  
P33=-104.4790;46.3170  
P34=-104.0490;46.7070  
P35=-103.8360;46.8410  
P36=-103.5290;47.0110  
P37=-103.0400;47.1650  
P38=-102.5780;47.2010  
P39=-102.1430;47.1320  
P40=-101.7410;46.9470  
P41=-101.6980;46.9120

[C11]

gain=-10.00

n\_point=47

P1=-101.9800;47.4160

P2=-101.6440;47.2850  
P3=-101.2720;46.9980  
P4=-101.2140;46.9300  
P5=-100.9460;46.5710  
P6=-100.8750;46.4360  
P7=-100.7070;45.9420  
P8=-100.6990;45.8920  
P9=-100.6330;45.4520  
P10=-100.6510;44.9650  
P11=-100.7410;44.4810  
P12=-100.8970;44.0010  
P13=-101.1250;43.5240  
P14=-101.4510;43.0500  
P15=-101.4960;42.9980  
P16=-101.9070;42.5770  
P17=-102.0460;42.4610  
P18=-102.5290;42.1630  
P19=-102.6970;42.1000  
P20=-102.9780;41.9920  
P21=-103.4010;41.9220  
P22=-103.8040;41.9450  
P23=-104.1760;42.0570  
P24=-104.1880;42.0610  
P25=-104.5600;42.2490  
P26=-104.8340;42.4920  
P27=-104.9090;42.5670  
P28=-105.1770;42.9410  
P29=-105.2310;43.0490  
P30=-105.3860;43.3980  
P31=-105.4880;43.8620  
P32=-105.4900;43.9070  
P33=-105.5290;44.3340  
P34=-105.4890;44.8150  
P35=-105.3710;45.3030  
P36=-105.1620;45.8000  
P37=-105.1080;45.8920  
P38=-104.8500;46.3060  
P39=-104.4950;46.7050  
P40=-104.3610;46.8260  
P41=-103.9500;47.1320  
P42=-103.4570;47.3660  
P43=-103.4390;47.3740  
P44=-102.9520;47.5050  
P45=-102.4890;47.5280  
P46=-102.0540;47.4490  
P47=-101.9800;47.4160  
[C12]  
gain=-15.00  
n\_point=55  
P1=-101.4340;47.9570  
P2=-101.0510;47.7330  
P3=-100.7880;47.4600  
P4=-100.7030;47.3690  
P5=-100.4460;46.9590  
P6=-100.4020;46.8660  
P7=-100.2450;46.4600

P8=-100.1820;46.1210  
P9=-100.1490;45.9640  
P10=-100.1160;45.4720  
P11=-100.1580;44.9830  
P12=-100.2550;44.4990  
P13=-100.4000;44.0190  
P14=-100.5980;43.5430  
P15=-100.8640;43.0700  
P16=-101.1580;42.6810  
P17=-101.2220;42.5990  
P18=-101.6920;42.1310  
P19=-101.7170;42.1100  
P20=-102.2110;41.7610  
P21=-102.4280;41.6600  
P22=-102.6680;41.5450  
P23=-103.1010;41.4200  
P24=-103.5140;41.3770  
P25=-103.9130;41.4030  
P26=-104.2960;41.5070  
P27=-104.4840;41.6020  
P28=-104.6670;41.6800  
P29=-105.0250;41.9330  
P30=-105.1260;42.0330  
P31=-105.3670;42.2910  
P32=-105.5020;42.4760  
P33=-105.6860;42.8050  
P34=-105.7510;42.9270  
P35=-105.9180;43.3850  
P36=-105.9600;43.6120  
P37=-106.0160;43.8500  
P38=-106.0560;44.3220  
P39=-106.0270;44.8020  
P40=-105.9370;45.2890  
P41=-105.7770;45.7840  
P42=-105.5300;46.2890  
P43=-105.4370;46.4320  
P44=-105.1880;46.8030  
P45=-104.8340;47.1920  
P46=-104.6860;47.3290  
P47=-104.2810;47.6460  
P48=-103.8630;47.8740  
P49=-103.7570;47.9310  
P50=-103.2500;48.1180  
P51=-102.7640;48.2060  
P52=-102.2990;48.2120  
P53=-101.8570;48.1360  
P54=-101.4440;47.9640  
P55=-101.4340;47.9570  
[C13]  
gain=-6.00  
n\_point=66  
P1=-101.5830;46.3130  
P2=-101.4640;46.1570  
P3=-101.3680;45.9870  
P4=-101.2920;45.8060  
P5=-101.2360;45.6190

P6=-101.1930;45.4280  
P7=-101.1820;45.2320  
P8=-101.1790;45.0370  
P9=-101.1920;44.8420  
P10=-101.2230;44.6480  
P11=-101.2660;44.4570  
P12=-101.3230;44.2700  
P13=-101.3930;44.0870  
P14=-101.4760;43.9100  
P15=-101.5710;43.7380  
P16=-101.6730;43.5710  
P17=-101.7850;43.4110  
P18=-101.9170;43.2660  
P19=-102.0530;43.1250  
P20=-102.1950;42.9910  
P21=-102.3500;42.8710  
P22=-102.5180;42.7690  
P23=-102.6910;42.6800  
P24=-102.8710;42.6030  
P25=-103.0600;42.5430  
P26=-103.2510;42.5160  
P27=-103.4470;42.5030  
P28=-103.6440;42.5070  
P29=-103.8330;42.5540  
P30=-104.0190;42.6200  
P31=-104.1910;42.7110  
P32=-104.3520;42.8230  
P33=-104.5000;42.9500  
P34=-104.6140;43.1100  
P35=-104.7250;43.2710  
P36=-104.8190;43.4410  
P37=-104.8760;43.6300  
P38=-104.9320;43.8170  
P39=-104.9630;44.0100  
P40=-104.9770;44.2060  
P41=-104.9760;44.4010  
P42=-104.9570;44.5960  
P43=-104.9310;44.7910  
P44=-104.8790;44.9790  
P45=-104.8200;45.1660  
P46=-104.7450;45.3460  
P47=-104.6560;45.5210  
P48=-104.5570;45.6900  
P49=-104.4470;45.8520  
P50=-104.3240;46.0040  
P51=-104.1910;46.1480  
P52=-104.0490;46.2820  
P53=-103.8930;46.4000  
P54=-103.7310;46.5110  
P55=-103.5590;46.6050  
P56=-103.3780;46.6800  
P57=-103.1940;46.7440  
P58=-103.0030;46.7890  
P59=-102.8080;46.8100  
P60=-102.6120;46.8080  
P61=-102.4170;46.7860

P62=-102.2260;46.7420  
P63=-102.0440;46.6700  
P64=-101.8730;46.5740  
P65=-101.7180;46.4550  
P66=-101.5830;46.3130  
[C14]  
gain=-20.00  
n\_point=66  
P1=-101.1740;48.4430  
P2=-100.8670;48.2740  
P3=-100.6020;48.0470  
P4=-100.3730;47.7820  
P5=-100.1640;47.5020  
P6=-100.0220;47.1820  
P7=-99.8910;46.8580  
P8=-99.7940;46.5210  
P9=-99.7560;46.1730  
P10=-99.7270;45.8250  
P11=-99.7220;45.4750  
P12=-99.7530;45.1260  
P13=-99.8110;44.7810  
P14=-99.8920;44.4400  
P15=-99.9920;44.1050  
P16=-100.1130;43.7770  
P17=-100.2540;43.4570  
P18=-100.4160;43.1460  
P19=-100.6030;42.8510  
P20=-100.8050;42.5640  
P21=-101.0270;42.2940  
P22=-101.2580;42.0310  
P23=-101.5180;41.7970  
P24=-101.7920;41.5780  
P25=-102.0890;41.3950  
P26=-102.4000;41.2340  
P27=-102.7260;41.1060  
P28=-103.0640;41.0150  
P29=-103.4110;40.9710  
P30=-103.7610;40.9700  
P31=-104.1080;41.0180  
P32=-104.4440;41.1180  
P33=-104.7660;41.2550  
P34=-105.0650;41.4360  
P35=-105.3360;41.6570  
P36=-105.5800;41.9080  
P37=-105.7930;42.1860  
P38=-105.9770;42.4830  
P39=-106.1320;42.7980  
P40=-106.2570;43.1240  
P41=-106.3480;43.4620  
P42=-106.4120;43.8060  
P43=-106.4510;44.1540  
P44=-106.4560;44.5040  
P45=-106.4280;44.8530  
P46=-106.3720;45.1980  
P47=-106.2890;45.5380  
P48=-106.1780;45.8700

P49=-106.0420;46.1930  
P50=-105.8820;46.5040  
P51=-105.7030;46.8050  
P52=-105.5020;47.0910  
P53=-105.2860;47.3670  
P54=-105.0340;47.6100  
P55=-104.7790;47.8490  
P56=-104.4950;48.0530  
P57=-104.1970;48.2380  
P58=-103.8820;48.3910  
P59=-103.5600;48.5250  
P60=-103.2240;48.6250  
P61=-102.8810;48.6930  
P62=-102.5320;48.7220  
P63=-102.1820;48.7150  
P64=-101.8340;48.6690  
P65=-101.4970;48.5770  
P66=-101.1740;48.4430