

[FormatInfo]  
format\_ver=1  
[GeoMain]  
ntc\_id=1  
adm=USA  
sat\_name=VIASAT-1  
long\_nom=-115.10  
n\_diag=1  
[COHeader]  
beam\_id=TMR  
emi\_rcp=E  
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=27  
P1=-112.4890;39.7360  
P2=-112.3320;39.6530  
P3=-112.0130;39.3150  
P4=-111.9710;39.2370  
P5=-111.8460;38.8960  
P6=-111.8130;38.4800  
P7=-111.8950;38.0670  
P8=-112.0420;37.7620  
P9=-112.1110;37.6560  
P10=-112.4280;37.3490  
P11=-112.6210;37.2470  
P12=-112.8020;37.1730  
P13=-113.1690;37.1460  
P14=-113.5210;37.2430  
P15=-113.5330;37.2480  
P16=-113.8950;37.5500  
P17=-113.9700;37.6480  
P18=-114.1550;38.0560  
P19=-114.2110;38.4690  
P20=-114.1410;38.8850  
P21=-113.9360;39.3060  
P22=-113.8620;39.3990  
P23=-113.4740;39.7210  
P24=-113.4480;39.7310  
P25=-113.0890;39.8400  
P26=-112.7070;39.8240  
P27=-112.4890;39.7360  
[C2]  
gain=-4.00  
n\_point=37  
P1=-112.1220;40.1660  
P2=-111.9310;40.0260  
P3=-111.6830;39.7420  
P4=-111.5740;39.5630  
P5=-111.4600;39.3190

P6=-111.3550;38.9000  
P7=-111.3400;38.4840  
P8=-111.4100;38.0700  
P9=-111.5660;37.6600  
P10=-111.6870;37.4580  
P11=-111.8370;37.2520  
P12=-112.0760;37.0100  
P13=-112.3090;36.8460  
P14=-112.4510;36.7620  
P15=-112.8200;36.6390  
P16=-113.1840;36.6150  
P17=-113.5460;36.6880  
P18=-113.8530;36.8400  
P19=-113.9060;36.8710  
P20=-114.2670;37.2100  
P21=-114.2920;37.2410  
P22=-114.5270;37.6470  
P23=-114.6290;37.9600  
P24=-114.6570;38.0560  
P25=-114.6960;38.4680  
P26=-114.6510;38.8850  
P27=-114.6230;38.9730  
P28=-114.5080;39.3050  
P29=-114.2520;39.7290  
P30=-114.2370;39.7480  
P31=-113.8490;40.1090  
P32=-113.7650;40.1590  
P33=-113.4590;40.3150  
P34=-113.0710;40.4070  
P35=-112.6850;40.3960  
P36=-112.3040;40.2780  
P37=-112.1220;40.1660

[C3]

gain=-6.00

n\_point=45

P1=-112.0320;40.6000  
P2=-111.9050;40.5280  
P3=-111.5380;40.1930  
P4=-111.5200;40.1710  
P5=-111.2440;39.7450  
P6=-111.1890;39.6160  
P7=-111.0800;39.3230  
P8=-111.0020;38.9030  
P9=-110.9960;38.4870  
P10=-111.0600;38.0730  
P11=-111.1950;37.6630  
P12=-111.3200;37.4180  
P13=-111.4130;37.2550  
P14=-111.7160;36.8700  
P15=-111.7360;36.8500  
P16=-112.0960;36.5500  
P17=-112.2780;36.4480  
P18=-112.4670;36.3480  
P19=-112.8320;36.2410  
P20=-113.1940;36.2180  
P21=-113.5540;36.2770

P22=-113.9140;36.4270  
P23=-113.9350;36.4410  
P24=-114.2730;36.6840  
P25=-114.4270;36.8390  
P26=-114.6340;37.1030  
P27=-114.7250;37.2410  
P28=-114.9130;37.6470  
P29=-115.0000;37.9750  
P30=-115.0210;38.0560  
P31=-115.0580;38.4680  
P32=-115.0210;38.8850  
P33=-115.0000;38.9640  
P34=-114.9080;39.3050  
P35=-114.7060;39.7290  
P36=-114.6180;39.8580  
P37=-114.3760;40.1570  
P38=-114.2300;40.3010  
P39=-113.8390;40.5830  
P40=-113.8230;40.5910  
P41=-113.4480;40.7570  
P42=-113.0560;40.8370  
P43=-112.6680;40.8310  
P44=-112.2830;40.7320  
P45=-112.0320;40.6000

[C4]

gain=-8.00

n\_point=51

P1=-112.1190;41.0360  
P2=-111.8840;40.9260  
P3=-111.5110;40.6350  
P4=-111.4830;40.6040  
P5=-111.1520;40.1930  
P6=-111.1400;40.1740  
P7=-110.9210;39.7480  
P8=-110.8190;39.4340  
P9=-110.7860;39.3260  
P10=-110.7200;38.9060  
P11=-110.7190;38.4890  
P12=-110.7800;38.0760  
P13=-110.9060;37.6650  
P14=-110.9410;37.5910  
P15=-111.0990;37.2580  
P16=-111.3500;36.8830  
P17=-111.3730;36.8530  
P18=-111.7360;36.4720  
P19=-111.7620;36.4510  
P20=-112.1110;36.1940  
P21=-112.4090;36.0510  
P22=-112.4790;36.0160  
P23=-112.8430;35.9130  
P24=-113.2030;35.8890  
P25=-113.5620;35.9410  
P26=-113.8350;36.0450  
P27=-113.9190;36.0760  
P28=-114.2770;36.2920  
P29=-114.4460;36.4400

P30=-114.6370;36.6290  
P31=-114.8070;36.8390  
P32=-115.0000;37.1470  
P33=-115.0540;37.2410  
P34=-115.2220;37.6470  
P35=-115.3190;38.0560  
P36=-115.3530;38.4680  
P37=-115.3250;38.8850  
P38=-115.2300;39.3050  
P39=-115.0540;39.7290  
P40=-115.0000;39.8190  
P41=-114.7830;40.1570  
P42=-114.6150;40.3570  
P43=-114.3740;40.5890  
P44=-114.2250;40.7160  
P45=-113.8320;40.9600  
P46=-113.6630;41.0280  
P47=-113.4380;41.1200  
P48=-113.0440;41.1990  
P49=-112.6530;41.1950  
P50=-112.2660;41.1060  
P51=-112.1190;41.0360  
[C5]  
gain=-15.00  
n\_point=69  
P1=-111.6130;41.9270  
P2=-111.4390;41.8200  
P3=-111.1230;41.4850  
P4=-111.0690;41.4330  
P5=-110.7870;41.0470  
P6=-110.7120;40.9390  
P7=-110.5270;40.6130  
P8=-110.3730;40.2820  
P9=-110.3290;40.1830  
P10=-110.1770;39.7560  
P11=-110.0860;39.3330  
P12=-110.0740;39.2190  
P13=-110.0290;38.9130  
P14=-110.0270;38.4970  
P15=-110.0840;38.0830  
P16=-110.1900;37.7320  
P17=-110.2040;37.6720  
P18=-110.3590;37.2650  
P19=-110.5860;36.8600  
P20=-110.6230;36.8070  
P21=-110.8590;36.4580  
P22=-111.0220;36.2550  
P23=-111.1970;36.0590  
P24=-111.4060;35.8340  
P25=-111.6090;35.6630  
P26=-111.7820;35.4990  
P27=-112.1380;35.2700  
P28=-112.1500;35.2600  
P29=-112.5140;35.0480  
P30=-112.8720;34.9450  
P31=-113.2280;34.9160

P32=-113.5820;34.9530  
P33=-113.9350;35.0700  
P34=-114.2270;35.2620  
P35=-114.2880;35.2920  
P36=-114.6430;35.5640  
P37=-114.7230;35.6510  
P38=-115.0000;35.9250  
P39=-115.0970;36.0440  
P40=-115.3620;36.3870  
P41=-115.4010;36.4400  
P42=-115.6550;36.8390  
P43=-115.7310;36.9950  
P44=-115.8660;37.2420  
P45=-116.0200;37.6480  
P46=-116.1130;38.0570  
P47=-116.1140;38.0740  
P48=-116.1720;38.4700  
P49=-116.1590;38.8860  
P50=-116.1310;39.0150  
P51=-116.0880;39.3060  
P52=-115.9570;39.7300  
P53=-115.7680;40.0780  
P54=-115.7300;40.1570  
P55=-115.4410;40.5890  
P56=-115.3880;40.6520  
P57=-115.0640;41.0260  
P58=-115.0000;41.0910  
P59=-114.6070;41.4430  
P60=-114.5750;41.4670  
P61=-114.2100;41.7490  
P62=-113.9010;41.9140  
P63=-113.8110;41.9770  
P64=-113.4090;42.1660  
P65=-113.0070;42.2660  
P66=-112.6070;42.2930  
P67=-112.2100;42.2440  
P68=-111.8200;42.0910  
P69=-111.6130;41.9270  
[C6]  
gain=-20.00  
n\_point=63  
P1=-111.1200;43.2330  
P2=-110.8730;42.8950  
P3=-110.7670;42.4920  
P4=-110.6960;42.0810  
P5=-110.5750;41.6820  
P6=-110.4310;41.2890  
P7=-110.2710;40.9030  
P8=-110.1110;40.5170  
P9=-109.9680;40.1240  
P10=-109.8280;39.7310  
P11=-109.7410;39.3220  
P12=-109.6690;38.9110  
P13=-109.6340;38.4950  
P14=-109.6830;38.0800  
P15=-109.8230;37.6870

P16=-109.9660;37.2940  
P17=-110.1740;36.9320  
P18=-110.3990;36.5800  
P19=-110.6460;36.2430  
P20=-110.9030;35.9130  
P21=-111.1680;35.5910  
P22=-111.4240;35.2610  
P23=-111.6600;34.9160  
P24=-111.8660;34.5520  
P25=-112.1180;34.2190  
P26=-112.4480;33.9660  
P27=-112.8380;33.8180  
P28=-113.2530;33.7820  
P29=-113.6620;33.8640  
P30=-114.0350;34.0510  
P31=-114.3390;34.3350  
P32=-114.5860;34.6720  
P33=-114.8060;35.0280  
P34=-115.0490;35.3680  
P35=-115.2960;35.7050  
P36=-115.5420;36.0430  
P37=-115.7800;36.3860  
P38=-116.0070;36.7370  
P39=-116.2300;37.0900  
P40=-116.4260;37.4580  
P41=-116.6230;37.8260  
P42=-116.7680;38.2180  
P43=-116.8360;38.6300  
P44=-116.8310;39.0470  
P45=-116.7380;39.4540  
P46=-116.5480;39.8250  
P47=-116.3320;40.1820  
P48=-116.0700;40.5080  
P49=-115.7980;40.8240  
P50=-115.5200;41.1360  
P51=-115.2240;41.4320  
P52=-114.9260;41.7240  
P53=-114.6220;42.0100  
P54=-114.3100;42.2880  
P55=-114.0120;42.5810  
P56=-113.7080;42.8680  
P57=-113.4150;43.1660  
P58=-113.0700;43.4010  
P59=-112.6870;43.5660  
P60=-112.2760;43.6350  
P61=-111.8610;43.5970  
P62=-111.4650;43.4620  
P63=-111.1200;43.2330  
[C7]  
gain=-10.00  
n\_point=65  
P1=-112.3600;41.4540  
P2=-112.1040;41.3750  
P3=-111.8610;41.2620  
P4=-111.6400;41.1100  
P5=-111.4330;40.9400

P6=-111.2500;40.7430  
P7=-111.0800;40.5360  
P8=-110.9330;40.3110  
P9=-110.8020;40.0770  
P10=-110.6950;39.8310  
P11=-110.6100;39.5760  
P12=-110.5460;39.3160  
P13=-110.5070;39.0500  
P14=-110.4900;38.7820  
P15=-110.4960;38.5140  
P16=-110.5260;38.2470  
P17=-110.5780;37.9840  
P18=-110.6510;37.7260  
P19=-110.7480;37.4750  
P20=-110.8640;37.2340  
P21=-111.0000;37.0020  
P22=-111.1530;36.7820  
P23=-111.3220;36.5730  
P24=-111.5070;36.3790  
P25=-111.7040;36.1970  
P26=-111.9180;36.0340  
P27=-112.1440;35.8910  
P28=-112.3850;35.7730  
P29=-112.6400;35.6880  
P30=-112.9010;35.6300  
P31=-113.1690;35.6100  
P32=-113.4360;35.6370  
P33=-113.6970;35.6960  
P34=-113.9490;35.7880  
P35=-114.1840;35.9170  
P36=-114.4040;36.0700  
P37=-114.6090;36.2440  
P38=-114.7950;36.4370  
P39=-114.9630;36.6460  
P40=-115.1180;36.8660  
P41=-115.2460;37.1010  
P42=-115.3610;37.3440  
P43=-115.4600;37.5930  
P44=-115.5330;37.8510  
P45=-115.5830;38.1150  
P46=-115.6080;38.3820  
P47=-115.6090;38.6500  
P48=-115.5840;38.9170  
P49=-115.5330;39.1810  
P50=-115.4550;39.4380  
P51=-115.3570;39.6870  
P52=-115.2340;39.9260  
P53=-115.0990;40.1580  
P54=-114.9390;40.3730  
P55=-114.7660;40.5780  
P56=-114.5750;40.7670  
P57=-114.3670;40.9370  
P58=-114.1510;41.0950  
P59=-113.9200;41.2310  
P60=-113.6760;41.3450  
P61=-113.4210;41.4270

P62=-113.1590;41.4850  
P63=-112.8920;41.5130  
P64=-112.6240;41.5030  
P65=-112.3600;41.4540

[C8]

gain=-2.00

n\_point=27

P1=-102.4540;45.8800  
P2=-102.0970;45.6510  
P3=-101.9180;45.4060  
P4=-101.8110;45.0780  
P5=-101.7850;44.9240  
P6=-101.8400;44.4420  
P7=-102.0260;43.9620  
P8=-102.1430;43.7870  
P9=-102.3890;43.4820  
P10=-102.7010;43.2180  
P11=-103.1250;42.9970  
P12=-103.1740;42.9770  
P13=-103.6010;42.9230  
P14=-103.8510;42.9760  
P15=-103.9960;43.0170  
P16=-104.3520;43.3110  
P17=-104.4260;43.4220  
P18=-104.5730;43.8860  
P19=-104.5580;44.3600  
P20=-104.3830;44.8440  
P21=-104.0330;45.3390  
P22=-103.8900;45.4760  
P23=-103.3760;45.8110  
P24=-103.2200;45.8550  
P25=-102.9070;45.9290  
P26=-102.4750;45.8900  
P27=-102.4540;45.8800

[C9]

gain=-6.00

n\_point=45

P1=-101.8410;46.9070  
P2=-101.7600;46.8810  
P3=-101.3770;46.6410  
P4=-101.1730;46.4250  
P5=-101.0440;46.2380  
P6=-100.9020;45.9350  
P7=-100.8090;45.5210  
P8=-100.7960;45.4460  
P9=-100.8020;44.9590  
P10=-100.8960;44.4750  
P11=-101.0680;43.9950  
P12=-101.3220;43.5170  
P13=-101.3860;43.4270  
P14=-101.6760;43.0420  
P15=-101.9810;42.7310  
P16=-102.1740;42.5680  
P17=-102.4870;42.3470  
P18=-102.9510;42.1150  
P19=-103.0340;42.0890



P20=-103.3870;41.9890  
P21=-103.8020;41.9540  
P22=-104.1990;42.0050  
P23=-104.3340;42.0540  
P24=-104.5790;42.1490  
P25=-104.9390;42.4060  
P26=-105.0170;42.4880  
P27=-105.2680;42.8430  
P28=-105.3190;42.9370  
P29=-105.4680;43.3960  
P30=-105.5100;43.7990  
P31=-105.5150;43.8620  
P32=-105.4740;44.3360  
P33=-105.3480;44.8180  
P34=-105.2960;44.9400  
P35=-105.1300;45.3090  
P36=-104.8000;45.8090  
P37=-104.6520;45.9790  
P38=-104.2970;46.3220  
P39=-104.1020;46.4770  
P40=-103.5850;46.7800  
P41=-103.3850;46.8550  
P42=-103.0930;46.9580  
P43=-102.6230;47.0310  
P44=-102.1780;47.0060  
P45=-101.8410;46.9070

[C10]

gain=-8.00

n\_point=49

P1=-102.3800;47.4020  
P2=-102.0720;47.3870  
P3=-101.6460;47.2800  
P4=-101.2500;47.0740  
P5=-101.0840;46.9340  
P6=-100.8940;46.7440  
P7=-100.6940;46.4430  
P8=-100.5990;46.2260  
P9=-100.5080;45.9500  
P10=-100.4480;45.4590  
P11=-100.4630;45.1920  
P12=-100.4760;44.9710  
P13=-100.5770;44.4870  
P14=-100.7500;44.0060  
P15=-100.8660;43.7780  
P16=-100.9920;43.5290  
P17=-101.3120;43.0540  
P18=-101.5520;42.7760  
P19=-101.7390;42.5820  
P20=-102.0890;42.2830  
P21=-102.3430;42.1100  
P22=-102.5730;41.9700  
P23=-103.0250;41.7740  
P24=-103.4550;41.6680  
P25=-103.8660;41.6370  
P26=-104.2630;41.6800  
P27=-104.6440;41.8010

P28=-105.0090;42.0170  
P29=-105.0320;42.0360  
P30=-105.3550;42.3580  
P31=-105.4420;42.4770  
P32=-105.6670;42.9150  
P33=-105.6720;42.9290  
P34=-105.7930;43.3880  
P35=-105.8250;43.8540  
P36=-105.7820;44.3290  
P37=-105.6670;44.8100  
P38=-105.4730;45.3000  
P39=-105.1840;45.7990  
P40=-105.1050;45.9070  
P41=-104.7710;46.3090  
P42=-104.5310;46.5400  
P43=-104.1520;46.8320  
P44=-103.9950;46.9380  
P45=-103.4840;47.1970  
P46=-102.9930;47.3470  
P47=-102.6430;47.3930  
P48=-102.5220;47.4090  
P49=-102.3800;47.4020  
[C11]  
gain=-10.00  
n\_point=53  
P1=-101.1910;47.4440  
P2=-101.1460;47.4230  
P3=-100.7740;47.1380  
P4=-100.6150;46.9520  
P5=-100.4520;46.7070  
P6=-100.3290;46.4570  
P7=-100.2110;46.0280  
P8=-100.1950;45.9620  
P9=-100.1570;45.4700  
P10=-100.2030;44.9820  
P11=-100.3140;44.4970  
P12=-100.4850;44.0160  
P13=-100.7170;43.5390  
P14=-101.0230;43.0640  
P15=-101.0760;42.9980  
P16=-101.4090;42.5930  
P17=-101.6590;42.3480  
P18=-101.9240;42.1240  
P19=-102.1700;41.9410  
P20=-102.6390;41.6740  
P21=-102.6940;41.6520  
P22=-103.0850;41.4950  
P23=-103.5100;41.3980  
P24=-103.9190;41.3710  
P25=-104.3140;41.4110  
P26=-104.6960;41.5220  
P27=-104.8380;41.5930  
P28=-105.0640;41.7120  
P29=-105.4170;42.0030  
P30=-105.4390;42.0260  
P31=-105.7470;42.4450

P32=-105.7620;42.4700  
P33=-105.9560;42.9220  
P34=-106.0240;43.2330  
P35=-106.0560;43.3820  
P36=-106.0850;43.8480  
P37=-106.0430;44.3220  
P38=-105.9350;44.8040  
P39=-105.7550;45.2930  
P40=-105.6020;45.5850  
P41=-105.4920;45.7910  
P42=-105.1320;46.2990  
P43=-104.9910;46.4580  
P44=-104.6200;46.8180  
P45=-104.4350;46.9720  
P46=-103.9070;47.3120  
P47=-103.8150;47.3550  
P48=-103.3960;47.5470  
P49=-102.9050;47.6830  
P50=-102.4320;47.7370  
P51=-101.9790;47.7150  
P52=-101.5480;47.6140  
P53=-101.1910;47.4440  
[C12]  
gain=-15.00  
n\_point=61  
P1=-100.7660;47.9830  
P2=-100.5490;47.8550  
P3=-100.1940;47.5190  
P4=-100.1660;47.4850  
P5=-99.8830;47.0590  
P6=-99.8430;46.9830  
P7=-99.6740;46.4830  
P8=-99.6550;46.3570  
P9=-99.5970;45.9860  
P10=-99.6080;45.4920  
P11=-99.6850;45.0020  
P12=-99.8120;44.5160  
P13=-99.9850;44.0350  
P14=-100.2050;43.5570  
P15=-100.4830;43.0840  
P16=-100.7160;42.7660  
P17=-100.8280;42.6130  
P18=-101.2470;42.1460  
P19=-101.3100;42.0850  
P20=-101.7860;41.6800  
P21=-101.8290;41.6470  
P22=-102.3090;41.3350  
P23=-102.5690;41.2130  
P24=-102.7610;41.1200  
P25=-103.1950;40.9750  
P26=-103.6110;40.8970  
P27=-104.0150;40.8760  
P28=-104.4080;40.9100  
P29=-104.7890;41.0040  
P30=-105.1050;41.1450  
P31=-105.1600;41.1670

P32=-105.5220;41.3870  
P33=-105.7270;41.5720  
P34=-105.8690;41.7150  
P35=-106.0930;42.0110  
P36=-106.1950;42.1890  
P37=-106.3320;42.4570  
P38=-106.4700;42.9110  
P39=-106.4790;42.9660  
P40=-106.5560;43.3710  
P41=-106.5740;43.8380  
P42=-106.5350;44.3110  
P43=-106.4430;44.7920  
P44=-106.2950;45.2800  
P45=-106.0780;45.7770  
P46=-105.9620;45.9810  
P47=-105.7930;46.2820  
P48=-105.4080;46.7970  
P49=-105.3500;46.8620  
P50=-104.8880;47.3240  
P51=-104.7860;47.4130  
P52=-104.2470;47.7900  
P53=-104.0970;47.8670  
P54=-103.7230;48.0660  
P55=-103.2180;48.2410  
P56=-102.7290;48.3370  
P57=-102.2540;48.3710  
P58=-101.7960;48.3450  
P59=-101.3550;48.2560  
P60=-100.9400;48.0900  
P61=-100.7660;47.9830  
[C13]  
gain=-20.00  
n\_point=69  
P1=-100.7400;48.5140  
P2=-100.3920;48.3400  
P3=-100.0160;48.0560  
P4=-99.9730;48.0140  
P5=-99.6710;47.6940  
P6=-99.5380;47.5100  
P7=-99.3810;47.1810  
P8=-99.2970;47.0060  
P9=-99.1990;46.5020  
P10=-99.1940;46.3760  
  
P11=-99.1480;46.0040  
P12=-99.1930;45.5090  
P13=-99.2980;45.0170  
P14=-99.4430;44.5310  
P15=-99.6240;44.0490  
P16=-99.8440;43.5710  
P17=-100.1160;43.0970  
P18=-100.2590;42.8980  
P19=-100.4340;42.6270  
P20=-100.8090;42.1610  
P21=-100.9020;42.0620  
P22=-101.2620;41.6970

P23=-101.4470;41.5330  
P24=-101.8630;41.2350  
P25=-101.9390;41.1770  
P26=-102.4030;40.9120  
P27=-102.7930;40.7680  
P28=-102.8420;40.7440  
P29=-103.2700;40.6060  
P30=-103.6800;40.5470  
P31=-104.0790;40.5380  
P32=-104.4690;40.5750  
P33=-104.8500;40.6610  
P34=-104.9710;40.7100  
P35=-105.2230;40.8010  
P36=-105.5870;40.9930  
P37=-105.7680;41.1290  
P38=-105.9410;41.2670  
P39=-106.2160;41.5620  
P40=-106.2810;41.6460  
P41=-106.5130;42.0020  
P42=-106.5990;42.1940  
P43=-106.7130;42.4490  
P44=-106.8300;42.9030  
P45=-106.8600;43.1580  
P46=-106.8960;43.3640  
P47=-106.9170;43.8300  
P48=-106.8870;44.3040  
P49=-106.8140;44.7840  
P50=-106.6970;45.2710  
P51=-106.5240;45.7660  
P52=-106.3840;46.0530  
P53=-106.2930;46.2700  
P54=-106.0380;46.7810  
P55=-105.7290;47.1970  
P56=-105.6470;47.3030  
P57=-105.1500;47.8190  
P58=-105.1270;47.8380  
P59=-104.5940;48.2640  
P60=-104.3260;48.3890  
P61=-104.0680;48.5380  
P62=-103.5550;48.7270  
P63=-103.0630;48.8200  
P64=-102.5820;48.8620  
P65=-102.1130;48.8600  
P66=-101.6550;48.8120  
P67=-101.2150;48.7120  
P68=-100.7950;48.5470  
P69=-100.7400;48.5140  
[C14]  
gain=-4.00  
n\_point=66  
P1=-101.9180;46.3890  
P2=-101.7670;46.2660  
P3=-101.6210;46.1390  
P4=-101.4890;45.9960  
P5=-101.3970;45.8260  
P6=-101.3210;45.6460

P7=-101.2550;45.4640  
P8=-101.2330;45.2710  
P9=-101.2260;45.0770  
P10=-101.2270;44.8840  
P11=-101.2560;44.6900  
P12=-101.2940;44.5000  
P13=-101.3470;44.3140  
P14=-101.4150;44.1310  
P15=-101.4930;43.9530  
P16=-101.5850;43.7820  
P17=-101.6830;43.6140  
P18=-101.7880;43.4510  
P19=-101.9170;43.3060  
P20=-102.0470;43.1610  
P21=-102.1820;43.0220  
P22=-102.3280;42.8930  
P23=-102.4880;42.7830  
P24=-102.6510;42.6780  
P25=-102.8170;42.5770  
P26=-102.9950;42.5020  
P27=-103.1810;42.4440  
P28=-103.3680;42.3950  
P29=-103.5630;42.3750  
P30=-103.7560;42.3720  
P31=-103.9500;42.3940  
P32=-104.1390;42.4390  
P33=-104.3190;42.5120  
P34=-104.4830;42.6150  
P35=-104.6320;42.7400  
P36=-104.7670;42.8790  
P37=-104.8780;43.0390  
P38=-104.9650;43.2120  
P39=-105.0340;43.3950  
P40=-105.0830;43.5820  
P41=-105.1100;43.7750  
P42=-105.1180;43.9680  
P43=-105.1000;44.1630  
P44=-105.0770;44.3550  
P45=-105.0300;44.5430  
P46=-104.9740;44.7300  
P47=-104.9060;44.9110  
P48=-104.8170;45.0840  
P49=-104.7240;45.2550  
P50=-104.6150;45.4150  
P51=-104.4920;45.5660  
P52=-104.3700;45.7170  
P53=-104.2420;45.8630  
P54=-104.0840;45.9770  
P55=-103.9270;46.0920  
P56=-103.7730;46.2090  
P57=-103.6040;46.3060  
P58=-103.4270;46.3870  
P59=-103.2440;46.4530  
P60=-103.0570;46.5040  
P61=-102.8650;46.5370  
P62=-102.6720;46.5510

P63=-102.4780;46.5430  
P64=-102.2850;46.5160  
P65=-102.1010;46.4550  
P66=-101.9180;46.3890