

[FormatInfo]
format_ver=1
[GeoMain]
ntc_id=1
adm=USA
sat_name=VIASAT-1
long_nom=-115.10
n_diag=1
[COHeader]
beam_id=BNR
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=27
P1=-112.2840;39.7370
P2=-112.1310;39.3140
P3=-112.0820;38.8940
P4=-112.0990;38.4780
P5=-112.1630;38.0650
P6=-112.2760;37.6550
P7=-112.4300;37.3150
P8=-112.4740;37.2480
P9=-112.8100;36.9220
P10=-113.0460;36.8430
P11=-113.1780;36.8100
P12=-113.3230;36.8420
P13=-113.5410;36.9060
P14=-113.8920;37.2420
P15=-113.9000;37.2540
P16=-114.0580;37.6470
P17=-114.1300;38.0560
P18=-114.1310;38.4690
P19=-114.0690;38.8850
P20=-113.9390;39.3060
P21=-113.8610;39.4630
P22=-113.6750;39.7310
P23=-113.4690;39.9340
P24=-113.0800;40.1210
P25=-112.6970;40.0880
P26=-112.3260;39.8000
P27=-112.2840;39.7370
[C2]
gain=-6.00
n_point=45
P1=-112.4880;41.0330
P2=-112.2720;40.9670
P3=-111.8950;40.7150
P4=-111.7850;40.6010
P5=-111.5350;40.2420

P6=-111.4950;40.1710
P7=-111.3440;39.7440
P8=-111.2740;39.3210
P9=-111.2610;38.9010
P10=-111.2870;38.4840
P11=-111.3430;38.0710
P12=-111.4300;37.6610
P13=-111.5630;37.2540
P14=-111.7120;36.9500
P15=-111.7640;36.8500
P16=-112.0720;36.4490
P17=-112.1010;36.4200
P18=-112.4750;36.1370
P19=-112.6680;36.0490
P20=-112.8410;35.9810
P21=-113.2020;35.9330
P22=-113.5610;35.9840
P23=-113.7060;36.0450
P24=-113.9180;36.1450
P25=-114.2760;36.4330
P26=-114.2830;36.4400
P27=-114.5740;36.8390
P28=-114.6350;36.9620
P29=-114.7620;37.2410
P30=-114.8750;37.6460
P31=-114.9300;38.0560
P32=-114.9370;38.4680
P33=-114.8980;38.8840
P34=-114.8090;39.3050
P35=-114.6550;39.7290
P36=-114.6180;39.7980
P37=-114.4160;40.1570
P38=-114.2290;40.3910
P39=-114.0350;40.5900
P40=-113.8360;40.7520
P41=-113.4420;40.9710
P42=-113.2350;41.0290
P43=-113.0480;41.0790
P44=-112.6580;41.0800
P45=-112.4880;41.0330

[C3]

gain=-8.00

n_point=49

P1=-111.8120;41.0380
P2=-111.5060;40.7300
P3=-111.4120;40.6050
P4=-111.1810;40.1740
P5=-111.1580;40.1030
P6=-111.0440;39.7470
P7=-110.9750;39.3240
P8=-110.9580;38.9030
P9=-110.9790;38.4870
P10=-111.0330;38.0740
P11=-111.1240;37.6640
P12=-111.2590;37.2560
P13=-111.3390;37.0890

P14=-111.4500;36.8530
P15=-111.7230;36.4510
P16=-111.7380;36.4340
P17=-112.1160;36.0640
P18=-112.1320;36.0530
P19=-112.4860;35.8310
P20=-112.8490;35.7010
P21=-113.2090;35.6610
P22=-113.5670;35.7040
P23=-113.9230;35.8400
P24=-114.2260;36.0440
P25=-114.2790;36.0860
P26=-114.6150;36.4400
P27=-114.6380;36.4710
P28=-114.8720;36.8390
P29=-115.0000;37.1370
P30=-115.0460;37.2410
P31=-115.1620;37.6460
P32=-115.2220;38.0560
P33=-115.2350;38.4680
P34=-115.2020;38.8840
P35=-115.1170;39.3050
P36=-115.0000;39.6380
P37=-114.9700;39.7290
P38=-114.7560;40.1570
P39=-114.6150;40.3550
P40=-114.4320;40.5890
P41=-114.2230;40.7970
P42=-113.9280;41.0270
P43=-113.8290;41.0950
P44=-113.4330;41.2870
P45=-113.0380;41.3840
P46=-112.6450;41.3900
P47=-112.2560;41.2990
P48=-111.8750;41.0910
P49=-111.8120;41.0380
[C4]
gain=-10.00
n_point=57
P1=-112.0450;41.4770
P2=-111.8590;41.3870
P3=-111.4850;41.0760
P4=-111.4540;41.0410
P5=-111.1350;40.6070
P6=-111.1260;40.5900
P7=-110.9270;40.1760
P8=-110.8020;39.7490
P9=-110.7990;39.7310
P10=-110.7270;39.3260
P11=-110.7020;38.9060
P12=-110.7180;38.4890
P13=-110.7720;38.0760
P14=-110.8670;37.6660
P15=-110.9510;37.4230
P16=-111.0050;37.2590
P17=-111.1930;36.8550

P18=-111.3660;36.5850
P19=-111.4530;36.4530
P20=-111.7530;36.1120
P21=-111.8120;36.0550
P22=-112.1280;35.7960
P23=-112.3680;35.6580
P24=-112.4950;35.5850
P25=-112.8570;35.4610
P26=-113.2150;35.4210
P27=-113.5720;35.4620
P28=-113.9270;35.5940
P29=-114.0200;35.6520
P30=-114.2820;35.8130
P31=-114.5400;36.0440
P32=-114.6400;36.1470
P33=-114.8760;36.4390
P34=-115.0000;36.6430
P35=-115.1180;36.8390
P36=-115.2890;37.2410
P37=-115.3680;37.5340
P38=-115.4040;37.6470
P39=-115.4760;38.0560
P40=-115.4960;38.4680
P41=-115.4650;38.8850
P42=-115.3790;39.2960
P43=-115.3770;39.3050
P44=-115.2470;39.7290
P45=-115.0350;40.1570
P46=-115.0000;40.2090
P47=-114.7410;40.5890
P48=-114.6120;40.7320
P49=-114.3100;41.0260
P50=-114.2190;41.1020
P51=-113.8230;41.3660
P52=-113.5930;41.4690
P53=-113.4260;41.5470
P54=-113.0290;41.6480
P55=-112.6340;41.6600
P56=-112.2430;41.5770
P57=-112.0450;41.4770
[C5]
gain=-20.00
n_point=81
P1=-111.4480;42.8350
P2=-111.3770;42.7660
P3=-111.1820;42.3810
P4=-111.0280;42.0220
P5=-111.0060;41.9320
P6=-110.7700;41.4890
P7=-110.6820;41.3450
P8=-110.5350;41.0500
P9=-110.3460;40.6250
P10=-110.3420;40.6150
P11=-110.1560;40.1850
P12=-110.0390;39.7580
P13=-110.0330;39.7240

P14=-109.9190;39.3350
P15=-109.8680;38.9150
P16=-109.8670;38.4980
P17=-109.9110;38.0850
P18=-110.0040;37.6750
P19=-110.1840;37.2670
P20=-110.2280;37.2060
P21=-110.3820;36.8620
P22=-110.6450;36.4720
P23=-110.6520;36.4600
P24=-110.9450;36.0610
P25=-111.0390;35.9500
P26=-111.2970;35.6660
P27=-111.4230;35.5070
P28=-111.6760;35.2730
P29=-111.8010;35.0880
P30=-112.0310;34.8830
P31=-112.1750;34.6360
P32=-112.3230;34.4970
P33=-112.5400;34.2980
P34=-112.8960;34.1390
P35=-113.2480;34.1140
P36=-113.5970;34.1940
P37=-113.9450;34.4070
P38=-114.0270;34.4910
P39=-114.2930;34.7350
P40=-114.3820;34.8740
P41=-114.6450;35.1260
P42=-114.7360;35.2610
P43=-115.0000;35.5330
P44=-115.0950;35.6510
P45=-115.3600;35.9610
P46=-115.4410;36.0440
P47=-115.7240;36.4120
P48=-115.7560;36.4400
P49=-116.0720;36.8400
P50=-116.0940;36.8830
P51=-116.3980;37.2430
P52=-116.4700;37.3890
P53=-116.6420;37.6490
P54=-116.8060;38.0590
P55=-116.8660;38.3730
P56=-116.8840;38.4720
P57=-116.8920;38.8890
P58=-116.8840;38.9540
P59=-116.8270;39.3080
P60=-116.6730;39.7320
P61=-116.5330;39.9780
P62=-116.4170;40.1590
P63=-116.1580;40.4150
P64=-116.0080;40.5900
P65=-115.7770;40.7650
P66=-115.5030;41.0260
P67=-115.3910;41.1030
P68=-115.0000;41.4320
P69=-114.9600;41.4670

P70=-114.6050;41.7550
P71=-114.3770;41.9130
P72=-114.2060;42.0750
P73=-113.8030;42.3420
P74=-113.7510;42.3650
P75=-113.3940;42.6850
P76=-113.1030;42.8230
P77=-112.9830;42.9220
P78=-112.5720;43.0930
P79=-112.1650;43.1220
P80=-111.7650;43.0190
P81=-111.4480;42.8350
[C6]
gain=-4.00
n_point=66
P1=-112.3660;40.5640
P2=-112.2200;40.4570
P3=-112.0860;40.3360
P4=-111.9660;40.2020
P5=-111.8650;40.0520
P6=-111.7890;39.8880
P7=-111.7280;39.7180
P8=-111.6810;39.5440
P9=-111.6510;39.3650
P10=-111.6320;39.1860
P11=-111.6240;39.0060
P12=-111.6260;38.8250
P13=-111.6350;38.6450
P14=-111.6520;38.4650
P15=-111.6740;38.2860
P16=-111.7020;38.1080
P17=-111.7360;37.9300
P18=-111.7760;37.7540
P19=-111.8250;37.5810
P20=-111.8830;37.4100
P21=-111.9520;37.2430
P22=-112.0330;37.0810
P23=-112.1260;36.9260
P24=-112.2390;36.7850
P25=-112.3640;36.6550
P26=-112.5000;36.5370
P27=-112.6520;36.4390
P28=-112.8170;36.3660
P29=-112.9920;36.3200
P30=-113.1710;36.3020
P31=-113.3510;36.3140
P32=-113.5270;36.3530
P33=-113.6940;36.4210
P34=-113.8470;36.5170
P35=-113.9850;36.6340
P36=-114.1090;36.7650
P37=-114.2220;36.9060
P38=-114.3130;37.0620
P39=-114.3920;37.2240
P40=-114.4520;37.3950
P41=-114.5030;37.5680

P42=-114.5410;37.7440
P43=-114.5660;37.9230
P44=-114.5820;38.1030
P45=-114.5870;38.2830
P46=-114.5810;38.4640
P47=-114.5670;38.6440
P48=-114.5440;38.8230
P49=-114.5100;39.0000
P50=-114.4680;39.1760
P51=-114.4150;39.3480
P52=-114.3510;39.5170
P53=-114.2810;39.6830
P54=-114.1930;39.8400
P55=-114.0860;39.9860
P56=-113.9820;40.1320
P57=-113.8590;40.2670
P58=-113.7150;40.3740
P59=-113.5690;40.4810
P60=-113.4170;40.5770
P61=-113.2450;40.6330
P62=-113.0680;40.6730
P63=-112.8880;40.6890
P64=-112.7090;40.6740
P65=-112.5330;40.6320
P66=-112.3660;40.5640
[C7]
gain=-15.00
n_point=65
P1=-111.5810;41.8330
P2=-111.3410;41.6260
P3=-111.1330;41.3850
P4=-110.9450;41.1290
P5=-110.7800;40.8570
P6=-110.6320;40.5750
P7=-110.5100;40.2810
P8=-110.4100;39.9790
P9=-110.3260;39.6730
P10=-110.2670;39.3600
P11=-110.2350;39.0440
P12=-110.2280;38.7260
P13=-110.2450;38.4080
P14=-110.2860;38.0930
P15=-110.3530;37.7820
P16=-110.4470;37.4780
P17=-110.5670;37.1830
P18=-110.7070;36.8980
P19=-110.8650;36.6220
P20=-111.0430;36.3590
P21=-111.2400;36.1080
P22=-111.4550;35.8740
P23=-111.6830;35.6530
P24=-111.9300;35.4530
P25=-112.1920;35.2720
P26=-112.4610;35.1030
P27=-112.7560;34.9860
P28=-113.0690;34.9270

P29=-113.3870;34.9260
P30=-113.6990;34.9850
P31=-113.9920;35.1080
P32=-114.2570;35.2840
P33=-114.5080;35.4790
P34=-114.7440;35.6920
P35=-114.9630;35.9220
P36=-115.1620;36.1690
P37=-115.3470;36.4280
P38=-115.5220;36.6940
P39=-115.6710;36.9740
P40=-115.8070;37.2620
P41=-115.9240;37.5580
P42=-116.0070;37.8650
P43=-116.0570;38.1790
P44=-116.0770;38.4960
P45=-116.0700;38.8140
P46=-116.0310;39.1300
P47=-115.9550;39.4390
P48=-115.8420;39.7360
P49=-115.7030;40.0220
P50=-115.5430;40.2960
P51=-115.3590;40.5560
P52=-115.1550;40.8000
P53=-114.9430;41.0370
P54=-114.7100;41.2540
P55=-114.4670;41.4590
P56=-114.2110;41.6480
P57=-113.9400;41.8140
P58=-113.6580;41.9600
P59=-113.3730;42.1020
P60=-113.0680;42.1920
P61=-112.7530;42.2360
P62=-112.4350;42.2290
P63=-112.1260;42.1570
P64=-111.8400;42.0170
P65=-111.5810;41.8330

[C8]

gain=-2.00

n_point=25

P1=-102.6830;45.8730
P2=-102.4930;45.8210
P3=-102.1360;45.5030
P4=-102.0740;45.4010
P5=-101.9340;44.9190
P6=-101.9470;44.5580
P7=-101.9560;44.4380
P8=-102.0370;44.2090
P9=-102.1310;43.9590
P10=-102.5060;43.4780
P11=-102.6730;43.3390
P12=-103.1410;43.1250
P13=-103.5600;43.1140
P14=-103.9410;43.2800
P15=-104.0970;43.4310
P16=-104.2710;43.7060

P17=-104.3450;43.8920
P18=-104.3910;44.3640
P19=-104.2900;44.8460
P20=-104.0170;45.3390
P21=-103.8900;45.4780
P22=-103.3690;45.8380
P23=-103.3030;45.8530
P24=-102.9090;45.9220
P25=-102.6830;45.8730
[C9]
gain=-15.00
n_point=61
P1=-101.2360;47.9650
P2=-101.0120;47.8600
P3=-100.6390;47.5720
P4=-100.5440;47.4690
P5=-100.3080;47.1640
P6=-100.1960;46.9690
P7=-100.0440;46.5580
P8=-100.0140;46.4690
P9=-99.9250;45.9720
P10=-99.9240;45.5120
P11=-99.9220;45.4790
P12=-99.9600;44.9910
P13=-100.0630;44.5060
P14=-100.2210;44.0260
P15=-100.4370;43.5490
P16=-100.5600;43.3400
P17=-100.7080;43.0760
P18=-101.0440;42.6060
P19=-101.2320;42.3930
P20=-101.4780;42.1380
P21=-101.7730;41.8800
P22=-102.0730;41.6710
P23=-102.2600;41.5490
P24=-102.7150;41.3320
P25=-103.1460;41.2060
P26=-103.2310;41.1940
P27=-103.5630;41.1380
P28=-103.9650;41.1360
P29=-104.1750;41.1680
P30=-104.3550;41.1920
P31=-104.7360;41.3030
P32=-105.1020;41.4980
P33=-105.2150;41.5840
P34=-105.4560;41.7780
P35=-105.6740;42.0200
P36=-105.7920;42.1800
P37=-105.9680;42.4650
P38=-106.1000;42.7760
P39=-106.1580;42.9180
P40=-106.2740;43.3770
P41=-106.3160;43.8430
P42=-106.3120;43.9940
P43=-106.3090;44.3160
P44=-106.2400;44.7970

P45=-106.1050;45.2850
P46=-106.0760;45.3570
P47=-105.9130;45.7810
P48=-105.6440;46.2850
P49=-105.3980;46.6250
P50=-105.2630;46.8010
P51=-104.8210;47.2520
P52=-104.7300;47.3280
P53=-104.2770;47.6640
P54=-103.8570;47.8740
P55=-103.7580;47.9260
P56=-103.2530;48.1060
P57=-102.7670;48.1980
P58=-102.2970;48.2210
P59=-101.8450;48.1760
P60=-101.4170;48.0530
P61=-101.2360;47.9650
[C10]
gain=-20.00
n_point=65
P1=-101.4180;48.4880
P2=-101.2930;48.4600
P3=-100.8720;48.3060
P4=-100.4810;48.0650
P5=-100.4030;47.9970
P6=-100.1210;47.7420
P7=-99.9330;47.4940
P8=-99.8120;47.2740
P9=-99.6750;46.9900
P10=-99.5860;46.5680
P11=-99.5620;46.4870
P12=-99.5030;45.9900
P13=-99.5390;45.4950
P14=-99.6040;45.1150
P15=-99.6150;45.0050
P16=-99.7270;44.5190
P17=-99.9020;44.0380
P18=-99.9750;43.8910
P19=-100.1170;43.5600
P20=-100.3700;43.0880
P21=-100.6940;42.6180
P22=-100.7850;42.5070
P23=-101.0740;42.1520
P24=-101.3660;41.8600
P25=-101.5650;41.6880
P26=-101.8780;41.4400
P27=-102.2630;41.2220
P28=-102.3460;41.1700
P29=-102.7920;40.9790
P30=-103.2150;40.8750
P31=-103.6260;40.8240
P32=-104.0260;40.8210
P33=-104.4160;40.8670
P34=-104.7970;40.9640
P35=-105.1660;41.1290
P36=-105.1880;41.1430

P37=-105.5260;41.3630
P38=-105.7540;41.5720
P39=-105.8720;41.6950
P40=-106.1140;42.0110
P41=-106.2000;42.1580
P42=-106.3590;42.4570
P43=-106.4950;42.8670
P44=-106.5100;42.9100
P45=-106.6160;43.3690
P46=-106.6500;43.8360
P47=-106.6300;44.3090
P48=-106.5610;44.7900
P49=-106.4450;45.2770
P50=-106.2800;45.7720
P51=-106.0480;46.2760
P52=-105.8470;46.5910
P53=-105.7260;46.7890
P54=-105.3080;47.3120
P55=-105.2430;47.3820
P56=-104.6960;47.8500
P57=-104.6870;47.8570
P58=-104.1460;48.2130
P59=-103.6410;48.3910
P60=-103.5510;48.4130
P61=-103.1360;48.5480
P62=-102.6500;48.6200
P63=-102.1800;48.6280
P64=-101.7260;48.5770
P65=-101.4180;48.4880
[C11]
gain=-4.00
n_point=66
P1=-102.0790;46.3050
P2=-101.9350;46.1970
P3=-101.8090;46.0710
P4=-101.6970;45.9300
P5=-101.6020;45.7790
P6=-101.5400;45.6100
P7=-101.4820;45.4420
P8=-101.4480;45.2660
P9=-101.4280;45.0870
P10=-101.4200;44.9090
P11=-101.4310;44.7300
P12=-101.4550;44.5520
P13=-101.4920;44.3770
P14=-101.5420;44.2050
P15=-101.6010;44.0360
P16=-101.6720;43.8720
P17=-101.7580;43.7140
P18=-101.8550;43.5640
P19=-101.9610;43.4190
P20=-102.0750;43.2820
P21=-102.1970;43.1500
P22=-102.3190;43.0190
P23=-102.4660;42.9190
P24=-102.6230;42.8300

P25=-102.7750;42.7360
P26=-102.9390;42.6650
P27=-103.1120;42.6150
P28=-103.2880;42.5800
P29=-103.4660;42.5690
P30=-103.6460;42.5810
P31=-103.8220;42.6160
P32=-103.9930;42.6720
P33=-104.1520;42.7530
P34=-104.2980;42.8560
P35=-104.4420;42.9630
P36=-104.5390;43.1150
P37=-104.6400;43.2620
P38=-104.7300;43.4150
P39=-104.7960;43.5840
P40=-104.8440;43.7560
P41=-104.8770;43.9320
P42=-104.8950;44.1100
P43=-104.8970;44.2890
P44=-104.8840;44.4680
P45=-104.8570;44.6450
P46=-104.8160;44.8190
P47=-104.7610;44.9900
P48=-104.6940;45.1560
P49=-104.6140;45.3160
P50=-104.5230;45.4700
P51=-104.4210;45.6170
P52=-104.3170;45.7640
P53=-104.2010;45.8990
P54=-104.0530;46.0030
P55=-103.9120;46.1140
P56=-103.7740;46.2260
P57=-103.6200;46.3180
P58=-103.4550;46.3890
P59=-103.2850;46.4430
P60=-103.1100;46.4860
P61=-102.9330;46.5130
P62=-102.7550;46.5100
P63=-102.5760;46.4920
P64=-102.3980;46.4620
P65=-102.2320;46.3990
P66=-102.0790;46.3050
[C12]
gain=-6.00
n_point=66
P1=-101.9880;46.8090
P2=-101.8020;46.6950
P3=-101.6260;46.5660
P4=-101.4610;46.4230
P5=-101.3500;46.2350
P6=-101.2410;46.0470
P7=-101.1460;45.8510
P8=-101.0990;45.6370
P9=-101.0510;45.4240
P10=-101.0400;45.2060
P11=-101.0330;44.9880

P12=-101.0570;44.7710
P13=-101.0830;44.5550
P14=-101.1360;44.3430
P15=-101.2000;44.1350
P16=-101.2780;43.9310
P17=-101.3700;43.7340
P18=-101.4750;43.5420
P19=-101.5930;43.3590
P20=-101.7220;43.1830
P21=-101.8570;43.0100
P22=-102.0130;42.8590
P23=-102.1830;42.7220
P24=-102.3450;42.5770
P25=-102.5320;42.4630
P26=-102.7270;42.3650
P27=-102.9290;42.2840
P28=-103.1390;42.2240
P29=-103.3540;42.1870
P30=-103.5730;42.1750
P31=-103.7910;42.1900
P32=-104.0030;42.2380
P33=-104.2070;42.3160
P34=-104.4050;42.4110
P35=-104.5840;42.5330
P36=-104.7330;42.6940
P37=-104.8810;42.8540
P38=-104.9920;43.0410
P39=-105.0870;43.2380
P40=-105.1750;43.4370
P41=-105.2210;43.6500
P42=-105.2630;43.8640
P43=-105.2790;44.0820
P44=-105.2770;44.3000
P45=-105.2580;44.5170
P46=-105.2200;44.7320
P47=-105.1660;44.9430
P48=-105.0970;45.1500
P49=-105.0110;45.3500
P50=-104.9110;45.5440
P51=-104.8000;45.7320
P52=-104.6780;45.9130
P53=-104.5300;46.0740
P54=-104.3820;46.2330
P55=-104.2240;46.3830
P56=-104.0490;46.5140
P57=-103.8620;46.6260
P58=-103.6720;46.7350
P59=-103.4740;46.8250
P60=-103.2660;46.8910
P61=-103.0520;46.9400
P62=-102.8360;46.9630
P63=-102.6180;46.9590
P64=-102.4000;46.9420
P65=-102.1860;46.9010
P66=-101.9880;46.8090

[C13]

gain=-8.00
n_point=66
P1=-101.3660;46.8830
P2=-101.2010;46.6950
P3=-101.0490;46.4970
P4=-100.9360;46.2770
P5=-100.8420;46.0460
P6=-100.7740;45.8060
P7=-100.7330;45.5600
P8=-100.7150;45.3110
P9=-100.7190;45.0610
P10=-100.7430;44.8130
P11=-100.7850;44.5670
P12=-100.8450;44.3240
P13=-100.9210;44.0870
P14=-101.0130;43.8550
P15=-101.1200;43.6290
P16=-101.2430;43.4120
P17=-101.3790;43.2030
P18=-101.5300;43.0040
P19=-101.6940;42.8160
P20=-101.8670;42.6360
P21=-102.0490;42.4670
P22=-102.2560;42.3260
P23=-102.4640;42.1890
P24=-102.6850;42.0720
P25=-102.9170;41.9800
P26=-103.1570;41.9120
P27=-103.4030;41.8720
P28=-103.6520;41.8610
P29=-103.9020;41.8820
P30=-104.1450;41.9350
P31=-104.3810;42.0180
P32=-104.5990;42.1380
P33=-104.7980;42.2890
P34=-104.9860;42.4530
P35=-105.1340;42.6540
P36=-105.2760;42.8590
P37=-105.3780;43.0870
P38=-105.4670;43.3200
P39=-105.5300;43.5610
P40=-105.5700;43.8070
P41=-105.5870;44.0570
P42=-105.5830;44.3060
P43=-105.5580;44.5540
P44=-105.5120;44.8000
P45=-105.4470;45.0400
P46=-105.3650;45.2770
P47=-105.2620;45.5040
P48=-105.1520;45.7280
P49=-105.0140;45.9350
P50=-104.8660;46.1360
P51=-104.7100;46.3300
P52=-104.5360;46.5090
P53=-104.3450;46.6700
P54=-104.1480;46.8240

P55=-103.9400;46.9600
P56=-103.7140;47.0680
P57=-103.4870;47.1700
P58=-103.2480;47.2450
P59=-103.0050;47.2990
P60=-102.7570;47.3290
P61=-102.5070;47.3280
P62=-102.2590;47.3000
P63=-102.0160;47.2440
P64=-101.7830;47.1550
P65=-101.5670;47.0300
P66=-101.3660;46.8830
[C14]
gain=-10.00
n_point=66
P1=-101.4890;47.3730
P2=-101.2560;47.2250
P3=-101.0510;47.0410
P4=-100.8720;46.8320
P5=-100.7330;46.5930
P6=-100.6150;46.3450
P7=-100.5330;46.0820
P8=-100.4790;45.8120
P9=-100.4530;45.5370
P10=-100.4500;45.2610
P11=-100.4670;44.9860
P12=-100.5050;44.7130
P13=-100.5630;44.4440
P14=-100.6420;44.1800
P15=-100.7380;43.9210
P16=-100.8530;43.6710
P17=-100.9810;43.4270
P18=-101.1250;43.1910
P19=-101.2840;42.9670
P20=-101.4580;42.7530
P21=-101.6440;42.5490
P22=-101.8530;42.3690
P23=-102.0600;42.1880
P24=-102.2890;42.0350
P25=-102.5270;41.8960
P26=-102.7790;41.7840
P27=-103.0400;41.6990
P28=-103.3100;41.6390
P29=-103.5840;41.6110
P30=-103.8600;41.6120
P31=-104.1320;41.6590
P32=-104.3970;41.7310
P33=-104.6490;41.8430
P34=-104.8800;41.9930
P35=-105.0880;42.1730
P36=-105.2750;42.3750
P37=-105.4310;42.6010
P38=-105.5670;42.8410
P39=-105.6750;43.0940
P40=-105.7580;43.3570
P41=-105.8070;43.6280

P42=-105.8360;43.9020
P43=-105.8370;44.1780
P44=-105.8170;44.4530
P45=-105.7760;44.7250
P46=-105.7100;44.9930
P47=-105.6300;45.2570
P48=-105.5260;45.5120
P49=-105.4050;45.7600
P50=-105.2650;45.9970
P51=-105.1110;46.2260
P52=-104.9390;46.4410
P53=-104.7470;46.6390
P54=-104.5530;46.8350
P55=-104.3350;47.0020
P56=-104.1040;47.1540
P57=-103.8690;47.2960
P58=-103.6180;47.4110
P59=-103.3590;47.5050
P60=-103.0930;47.5780
P61=-102.8200;47.6210
P62=-102.5460;47.6380
P63=-102.2700;47.6230
P64=-101.9980;47.5770
P65=-101.7370;47.4890
P66=-101.4890;47.3730