

[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