

[FormatInfo]
format_ver=1
[GeoMain]
ntc_id=9000021
adm=USA
sat_name=USABSS-21
long_nom=-101.0000
n_diag=1
[COHeader]
beam_id=BB23
emi_rcp=E
polar_disc=X
reason=B
n_bore=1
n_cont=9
[B1]
gain=0.00
p=-86.2900;39.5180
[C1]
gain=-2.00
n_point=84
P1=-84.0000 ;41.0800
P2=-83.9500 ;41.0000
P3=-83.8990 ;40.8333
P4=-83.8480 ;40.6667
P5=-83.7970 ;40.5000
P6=-83.8040 ;40.3333
P7=-83.8110 ;40.1667
P8=-83.8180 ;40.0000
P9=-83.8633 ;39.8333
P10=-83.9087 ;39.6667
P11=-83.9540 ;39.5000
P12=-84.0000 ;39.4070
P13=-84.0773 ;39.2713
P14=-84.1547 ;39.1357
P15=-84.2320 ;39.0000
P16=-84.3213 ;38.8857
P17=-84.4107 ;38.7713
P18=-84.5000 ;38.6570
P19=-84.5730 ;38.5785
P20=-84.6460 ;38.5000
P21=-84.7640 ;38.4017
P22=-84.8820 ;38.3033
P23=-85.0000 ;38.2050
P24=-85.1525 ;38.1025
P25=-85.3050 ;38.0000
P26=-85.4025 ;37.9475
P27=-85.5000 ;37.8950
P28=-85.6667 ;37.8350
P29=-85.8333 ;37.7750
P30=-86.0000 ;37.7150
P31=-86.1667 ;37.6880
P32=-86.3333 ;37.6610
P33=-86.5000 ;37.6340
P34=-86.6667 ;37.6447
P35=-86.8333 ;37.6553
P36=-87.0000 ;37.6660

P37=-87.1667 ;37.7227
P38=-87.3333 ;37.7793
P39=-87.5000 ;37.8360
P40=-87.6240 ;37.9180
P41=-87.7480 ;38.0000
P42=-87.8740 ;38.1330
P43=-88.0000 ;38.2660
P44=-88.0760 ;38.3830
P45=-88.1520 ;38.5000
P46=-88.2007 ;38.6667
P47=-88.2493 ;38.8333
P48=-88.2980 ;39.0000
P49=-88.2913 ;39.1667
P50=-88.2847 ;39.3333
P51=-88.2780 ;39.5000
P52=-88.2290 ;39.6667
P53=-88.1800 ;39.8333
P54=-88.1310 ;40.0000
P55=-88.0655 ;40.1275
P56=-88.0000 ;40.2550
P57=-87.9235 ;40.3775
P58=-87.8470 ;40.5000
P59=-87.7313 ;40.6357
P60=-87.6157 ;40.7713
P61=-87.5000 ;40.9070
P62=-87.4010 ;41.0000
P63=-87.2673 ;41.0993
P64=-87.1337 ;41.1987
P65=-87.0000 ;41.2980
P66=-86.8235 ;41.3990
P67=-86.6470 ;41.5000
P68=-86.5000 ;41.5680
P69=-86.3333 ;41.6187
P70=-86.1667 ;41.6693
P71=-86.0000 ;41.7200
P72=-85.8333 ;41.7410
P73=-85.6667 ;41.7620
P74=-85.5000 ;41.7830
P75=-85.3333 ;41.7687
P76=-85.1667 ;41.7543
P77=-85.0000 ;41.7400
P78=-84.8333 ;41.6830
P79=-84.6667 ;41.6260
P80=-84.5000 ;41.5690
P81=-84.3940 ;41.5000
P82=-84.2627 ;41.3600
P83=-84.1313 ;41.2200
P84=-84.0000 ;41.0800
[C2]
gain=-4.00
n_point=90
P1=-83.0000 ;41.3510
P2=-82.9475 ;41.1755
P3=-82.8950 ;41.0000
P4=-82.8815 ;40.7500
P5=-82.8680 ;40.5000
P6=-82.9005 ;40.2500

P7=-82.9330 ;40.0000
P8=-83.0000 ;39.7810
P9=-83.0480 ;39.6405
P10=-83.0960 ;39.5000
P11=-83.1807 ;39.3333
P12=-83.2653 ;39.1667
P13=-83.3500 ;39.0000
P14=-83.4250 ;38.8820
P15=-83.5000 ;38.7640
P16=-83.5955 ;38.6320
P17=-83.6910 ;38.5000
P18=-83.8455 ;38.3220
P19=-84.0000 ;38.1440
P20=-84.1440 ;38.0000
P21=-84.3220 ;37.8505
P22=-84.5000 ;37.7010
P23=-84.6390 ;37.6005
P24=-84.7780 ;37.5000
P25=-85.0000 ;37.3700
P26=-85.2500 ;37.2500
P27=-85.5000 ;37.1300
P28=-85.6790 ;37.0650
P29=-85.8580 ;37.0000
P30=-86.0000 ;36.9580
P31=-86.2500 ;36.9155
P32=-86.5000 ;36.8730
P33=-86.7500 ;36.8680
P34=-87.0000 ;36.8630
P35=-87.2500 ;36.8965
P36=-87.5000 ;36.9300
P37=-87.7390 ;37.0000
P38=-88.0000 ;37.1090
P39=-88.1667 ;37.2230
P40=-88.3333 ;37.3370
P41=-88.5000 ;37.4510
P42=-88.5530 ;37.5000
P43=-88.6800 ;37.6667
P44=-88.8070 ;37.8333
P45=-88.9340 ;38.0000
P46=-89.0000 ;38.1510
P47=-89.0590 ;38.3255
P48=-89.1180 ;38.5000
P49=-89.1520 ;38.7500
P50=-89.1860 ;39.0000
P51=-89.1665 ;39.2500
P52=-89.1470 ;39.5000
P53=-89.1043 ;39.6667
P54=-89.0617 ;39.8333
P55=-89.0190 ;40.0000
P56=-89.0000 ;40.0460
P57=-88.8875 ;40.2730
P58=-88.7750 ;40.5000
P59=-88.6375 ;40.7135
P60=-88.5000 ;40.9270
P61=-88.4450 ;41.0000
P62=-88.2967 ;41.1617
P63=-88.1483 ;41.3233

P64=-88.0000 ;41.4850
P65=-87.9840 ;41.5000
P66=-87.8227 ;41.6267
P67=-87.6613 ;41.7533
P68=-87.5000 ;41.8800
P69=-87.3170 ;42.0000
P70=-87.1585 ;42.0895
P71=-87.0000 ;42.1790
P72=-86.7500 ;42.2930
P73=-86.5000 ;42.4070
P74=-86.2170 ;42.5000
P75=-86.0000 ;42.5610
P76=-85.7500 ;42.6015
P77=-85.5000 ;42.6420
P78=-85.2500 ;42.6475
P79=-85.0000 ;42.6530
P80=-84.7500 ;42.6205
P81=-84.5000 ;42.5880
P82=-84.2090 ;42.5000
P83=-84.0000 ;42.4170
P84=-83.7500 ;42.2540
P85=-83.5000 ;42.0910
P86=-83.4040 ;42.0000
P87=-83.2893 ;41.8333
P88=-83.1747 ;41.6667
P89=-83.0600 ;41.5000
P90=-83.0000 ;41.3510

[C3]

gain=-6.00

n_point=98

P1=-82.5000 ;42.0600
P2=-82.4660 ;42.0000
P3=-82.3690 ;41.7500
P4=-82.2720 ;41.5000
P5=-82.2340 ;41.2500
P6=-82.1960 ;41.0000
P7=-82.2025 ;40.7500
P8=-82.2090 ;40.5000
P9=-82.2560 ;40.2500
P10=-82.3030 ;40.0000
P11=-82.3860 ;39.7500
P12=-82.4690 ;39.5000
P13=-82.5000 ;39.4310
P14=-82.6085 ;39.2155
P15=-82.7170 ;39.0000
P16=-82.8585 ;38.7625
P17=-83.0000 ;38.5250
P18=-83.0160 ;38.5000
P19=-83.2190 ;38.2500
P20=-83.4220 ;38.0000
P21=-83.5000 ;37.9190
P22=-83.7195 ;37.7095
P23=-83.9390 ;37.5000
P24=-84.0000 ;37.4510
P25=-84.2500 ;37.2715
P26=-84.5000 ;37.0920
P27=-84.6460 ;37.0000

P28=-84.8230 ;36.9065
P29=-85.0000 ;36.8130
P30=-85.2500 ;36.7010
P31=-85.5000 ;36.5890
P32=-85.7680 ;36.5000
P33=-86.0000 ;36.4370
P34=-86.2500 ;36.3940
P35=-86.5000 ;36.3510
P36=-86.7500 ;36.3365
P37=-87.0000 ;36.3220
P38=-87.2500 ;36.3420
P39=-87.5000 ;36.3620
P40=-87.7500 ;36.4155
P41=-88.0000 ;36.4690
P42=-88.0890 ;36.5000
P43=-88.2945 ;36.5955
P44=-88.5000 ;36.6910
P45=-88.7310 ;36.8455
P46=-88.9620 ;37.0000
P47=-89.0000 ;37.0350
P48=-89.1975 ;37.2675
P49=-89.3950 ;37.5000
P50=-89.5000 ;37.6820
P51=-89.5735 ;37.8410
P52=-89.6470 ;38.0000
P53=-89.7165 ;38.2500
P54=-89.7860 ;38.5000
P55=-89.8070 ;38.7500
P56=-89.8280 ;39.0000
P57=-89.8010 ;39.2500
P58=-89.7740 ;39.5000
P59=-89.7100 ;39.7500
P60=-89.6460 ;40.0000
P61=-89.5730 ;40.1870
P62=-89.5000 ;40.3740
P63=-89.4430 ;40.5000
P64=-89.2950 ;40.7500
P65=-89.1470 ;41.0000
P66=-89.0000 ;41.2040
P67=-88.8795 ;41.3520
P68=-88.7590 ;41.5000
P69=-88.6295 ;41.6355
P70=-88.5000 ;41.7710
P71=-88.2530 ;42.0000
P72=-88.0000 ;42.2030
P73=-87.7905 ;42.3515
P74=-87.5810 ;42.5000
P75=-87.5000 ;42.5490
P76=-87.2500 ;42.6790
P77=-87.0000 ;42.8090
P78=-86.7795 ;42.9045
P79=-86.5590 ;43.0000
P80=-86.5000 ;43.0220
P81=-86.2500 ;43.0910
P82=-86.0000 ;43.1600
P83=-85.7500 ;43.2050
P84=-85.5000 ;43.2500

P85=-85.2500 ;43.2680
P86=-85.0000 ;43.2860
P87=-84.7500 ;43.2735
P88=-84.5000 ;43.2610
P89=-84.2500 ;43.2125
P90=-84.0000 ;43.1640
P91=-83.7670 ;43.0820
P92=-83.5340 ;43.0000
P93=-83.5000 ;42.9840
P94=-83.2500 ;42.8170
P95=-83.0000 ;42.6500
P96=-82.8330 ;42.5000
P97=-82.6665 ;42.2800
P98=-82.5000 ;42.0600

[C4]

gain=-10.00
n_point=108
P1=-81.5000 ;42.5590
P2=-81.4700 ;42.5000
P3=-81.3810 ;42.2500
P4=-81.2920 ;42.0000
P5=-81.2490 ;41.7500
P6=-81.2060 ;41.5000
P7=-81.2010 ;41.2500
P8=-81.1960 ;41.0000
P9=-81.2265 ;40.7500
P10=-81.2570 ;40.5000
P11=-81.3205 ;40.2500
P12=-81.3840 ;40.0000
P13=-81.5000 ;39.6510
P14=-81.5570 ;39.5000
P15=-81.6795 ;39.2500
P16=-81.8020 ;39.0000
P17=-81.9010 ;38.8270
P18=-82.0000 ;38.6540
P19=-82.0980 ;38.5000
P20=-82.2765 ;38.2500
P21=-82.4550 ;38.0000
P22=-82.5000 ;37.9460
P23=-82.7010 ;37.7230
P24=-82.9020 ;37.5000
P25=-83.0000 ;37.4030
P26=-83.2200 ;37.2015
P27=-83.4400 ;37.0000
P28=-83.5000 ;36.9520
P29=-83.7500 ;36.7680
P30=-84.0000 ;36.5840
P31=-84.1260 ;36.5000
P32=-84.5000 ;36.2880
P33=-84.7500 ;36.1565
P34=-85.0000 ;36.0250
P35=-85.0570 ;36.0000
P36=-85.2785 ;35.9210
P37=-85.5000 ;35.8420
P38=-85.7500 ;35.7695
P39=-86.0000 ;35.6970
P40=-86.2500 ;35.6475

P41=-86.5000 ;35.5980
P42=-86.7500 ;35.5755
P43=-87.0000 ;35.5530
P44=-87.2500 ;35.5590
P45=-87.5000 ;35.5650
P46=-87.7500 ;35.6035
P47=-88.0000 ;35.6420
P48=-88.2500 ;35.7120
P49=-88.5000 ;35.7820
P50=-88.7500 ;35.8795
P51=-89.0000 ;35.9770
P52=-89.0450 ;36.0000
P53=-89.2725 ;36.1515
P54=-89.5000 ;36.3030
P55=-89.7520 ;36.5000
P56=-90.0000 ;36.7600
P57=-90.1870 ;37.0000
P58=-90.3355 ;37.2500
P59=-90.4840 ;37.5000
P60=-90.5000 ;37.5400
P61=-90.5775 ;37.7700
P62=-90.6550 ;38.0000
P63=-90.6995 ;38.2500
P64=-90.7440 ;38.5000
P65=-90.7525 ;38.7500
P66=-90.7610 ;39.0000
P67=-90.7350 ;39.2500
P68=-90.7090 ;39.5000
P69=-90.6515 ;39.7500
P70=-90.5940 ;40.0000
P71=-90.5000 ;40.2730
P72=-90.4100 ;40.5000
P73=-90.2815 ;40.7500
P74=-90.1530 ;41.0000
P75=-90.0000 ;41.2490
P76=-89.8270 ;41.5000
P77=-89.6635 ;41.7075
P78=-89.5000 ;41.9150
P79=-89.4260 ;42.0000
P80=-89.2130 ;42.2140
P81=-89.0000 ;42.4280
P82=-88.9210 ;42.5000
P83=-88.7105 ;42.6670
P84=-88.5000 ;42.8340
P85=-88.2750 ;43.0000
P86=-88.0000 ;43.1750
P87=-87.7500 ;43.3225
P88=-87.5000 ;43.4700
P89=-87.4420 ;43.5000
P90=-87.0000 ;43.6930
P91=-86.7500 ;43.7900
P92=-86.5000 ;43.8870
P93=-86.1440 ;44.0000
P94=-86.0000 ;44.0380
P95=-85.5000 ;44.1330
P96=-85.0000 ;44.1880
P97=-84.5000 ;44.1980

P98=-84.0000 ;44.1590
P99=-83.5000 ;44.0650
P100=-83.2790 ;44.0000
P101=-83.0000 ;43.8960
P102=-82.7500 ;43.7650
P103=-82.5000 ;43.6340
P104=-82.3030 ;43.5000
P105=-82.0000 ;43.2320
P106=-81.7880 ;43.0000
P107=-81.6440 ;42.7795
P108=-81.5000 ;42.5590

[C5]

gain=-20.00

n_point=122

P1=-80.0000 ;43.1660
P2=-79.9330 ;43.0000
P3=-79.8640 ;42.7500
P4=-79.7950 ;42.5000
P5=-79.7640 ;42.2500
P6=-79.7330 ;42.0000
P7=-79.7320 ;41.7500
P8=-79.7310 ;41.5000
P9=-79.7615 ;41.2500
P10=-79.7920 ;41.0000
P11=-79.8470 ;40.7500
P12=-79.9020 ;40.5000
P13=-80.0000 ;40.1050
P14=-80.0340 ;40.0000
P15=-80.1555 ;39.7500
P16=-80.2770 ;39.5000
P17=-80.3875 ;39.2500
P18=-80.4980 ;39.0000
P19=-80.5000 ;38.9960
P20=-80.6555 ;38.7480
P21=-80.8110 ;38.5000
P22=-81.0000 ;38.2150
P23=-81.1580 ;38.0000
P24=-81.3290 ;37.7785
P25=-81.5000 ;37.5570
P26=-81.5490 ;37.5000
P27=-81.7745 ;37.2505
P28=-82.0000 ;37.0010
P29=-82.0010 ;37.0000
P30=-82.2505 ;36.7670
P31=-82.5000 ;36.5340
P32=-82.5380 ;36.5000
P33=-82.7690 ;36.3200
P34=-83.0000 ;36.1400
P35=-83.1780 ;36.0000
P36=-83.5000 ;35.8140
P37=-83.7270 ;35.6570
P38=-83.9540 ;35.5000
P39=-84.0000 ;35.4790
P40=-84.5000 ;35.2700
P41=-84.7500 ;35.1415
P42=-85.0000 ;35.0130
P43=-85.0310 ;35.0000

P44=-85.5000 ;34.8770
P45=-86.0000 ;34.7490
P46=-86.5000 ;34.6430
P47=-87.0000 ;34.5750
P48=-87.5000 ;34.5600
P49=-88.0000 ;34.5940
P50=-88.5000 ;34.6760
P51=-89.0000 ;34.8020
P52=-89.5000 ;34.9510
P53=-89.6160 ;35.0000
P54=-90.0000 ;35.2300
P55=-90.4660 ;35.5000
P56=-90.5000 ;35.5260
P57=-90.7500 ;35.7460
P58=-91.0000 ;35.9660
P59=-91.0390 ;36.0000
P60=-91.2660 ;36.2500
P61=-91.4930 ;36.5000
P62=-91.5000 ;36.5110
P63=-91.6350 ;36.7555
P64=-91.7700 ;37.0000
P65=-91.8850 ;37.2445
P66=-92.0000 ;37.4890
P67=-92.0050 ;37.5000
P68=-92.0755 ;37.7500
P69=-92.1460 ;38.0000
P70=-92.1835 ;38.2500
P71=-92.2210 ;38.5000
P72=-92.2265 ;38.7500
P73=-92.2320 ;39.0000
P74=-92.2090 ;39.2500
P75=-92.1860 ;39.5000
P76=-92.1350 ;39.7500
P77=-92.0840 ;40.0000
P78=-92.0000 ;40.2600
P79=-91.9190 ;40.5000
P80=-91.8115 ;40.7500
P81=-91.7040 ;41.0000
P82=-91.5000 ;41.3630
P83=-91.4210 ;41.5000
P84=-91.2510 ;41.7500
P85=-91.0810 ;42.0000
P86=-91.0000 ;42.0940
P87=-90.6560 ;42.5000
P88=-90.5000 ;42.6540
P89=-90.1500 ;43.0000
P90=-90.0000 ;43.1240
P91=-89.7750 ;43.3120
P92=-89.5500 ;43.5000
P93=-89.5000 ;43.5350
P94=-89.2500 ;43.7035
P95=-89.0000 ;43.8720
P96=-88.8150 ;44.0000
P97=-88.5000 ;44.1700
P98=-88.0000 ;44.4600
P99=-87.9280 ;44.5000
P100=-87.5000 ;44.6650

P101=-87.0000 ;44.8860
P102=-86.7300 ;45.0000
P103=-86.5000 ;45.0580
P104=-86.0000 ;45.1800
P105=-85.5000 ;45.3090
P106=-85.0000 ;45.4110
P107=-84.5000 ;45.4740
P108=-84.0000 ;45.4830
P109=-83.5000 ;45.4420
P110=-83.0000 ;45.3540
P111=-82.5000 ;45.2250
P112=-82.0000 ;45.0620
P113=-81.8520 ;45.0000
P114=-81.5000 ;44.7980
P115=-81.0400 ;44.5000
P116=-81.0000 ;44.4670
P117=-80.7580 ;44.2335
P118=-80.5160 ;44.0000
P119=-80.5000 ;43.9810
P120=-80.3360 ;43.7405
P121=-80.1720 ;43.5000
P122=-80.0000 ;43.1660

[C6]

gain=-30.00
n_point=172
P1=-74.5000 ;48.8890
P2=-74.3880 ;48.5000
P3=-74.3160 ;48.0000
P4=-74.2560 ;47.5000
P5=-74.2830 ;47.0000
P6=-74.3150 ;46.5000
P7=-74.3660 ;46.0000
P8=-74.4500 ;45.5000
P9=-74.5000 ;45.0660
P10=-74.5110 ;45.0000
P11=-74.6680 ;44.5000
P12=-74.7780 ;44.0000
P13=-74.8990 ;43.5000
P14=-75.0000 ;43.0210
P15=-75.0060 ;43.0000
P16=-75.1570 ;42.5000
P17=-75.3100 ;42.0000
P18=-75.4250 ;41.5000
P19=-75.5000 ;41.2190
P20=-75.5820 ;41.0000
P21=-75.7510 ;40.5000
P22=-75.9310 ;40.0000
P23=-76.0000 ;39.7730
P24=-76.1260 ;39.5000
P25=-76.3630 ;39.0000
P26=-76.5000 ;38.6670
P27=-76.5970 ;38.5000
P28=-76.8720 ;38.0000
P29=-77.0000 ;37.7700
P30=-77.1880 ;37.5000
P31=-77.4840 ;37.0000
P32=-77.5000 ;36.9770

P33=-77.8720 ;36.5000
P34=-78.0000 ;36.3240
P35=-78.2710 ;36.0000
P36=-78.5000 ;35.6940
P37=-78.6680 ;35.5000
P38=-79.0000 ;35.0800
P39=-79.0710 ;35.0000
P40=-79.5000 ;34.5020
P41=-79.5020 ;34.5000
P42=-79.9870 ;34.0000
P43=-80.0000 ;33.9860
P44=-80.5000 ;33.5120
P45=-80.5130 ;33.5000
P46=-81.0000 ;33.0850
P47=-81.0970 ;33.0000
P48=-81.5000 ;32.6930
P49=-81.7460 ;32.5000
P50=-82.0000 ;32.3250
P51=-82.4860 ;32.0000
P52=-82.5000 ;31.9910
P53=-83.0000 ;31.7270
P54=-83.3700 ;31.5000
P55=-83.5000 ;31.4320
P56=-84.0000 ;31.2130
P57=-84.4020 ;31.0000
P58=-84.5000 ;30.9520
P59=-85.0000 ;30.8060
P60=-85.5000 ;30.6540
P61=-85.9310 ;30.5000
P62=-86.0000 ;30.4780
P63=-86.5000 ;30.3960
P64=-87.0000 ;30.3370
P65=-87.5000 ;30.2910
P66=-88.0000 ;30.2690
P67=-88.5000 ;30.2750
P68=-89.0000 ;30.3110
P69=-89.5000 ;30.3590
P70=-90.0000 ;30.4150
P71=-90.4140 ;30.5000
P72=-90.5000 ;30.5300
P73=-91.0000 ;30.7620
P74=-91.5000 ;30.9610
P75=-91.5960 ;31.0000
P76=-92.0000 ;31.2670
P77=-92.4450 ;31.5000
P78=-92.5000 ;31.5450
P79=-93.0000 ;31.9720
P80=-93.0340 ;32.0000
P81=-93.5000 ;32.5000
P82=-93.8730 ;33.0000
P83=-94.0000 ;33.2020
P84=-94.1510 ;33.5000
P85=-94.4000 ;34.0000
P86=-94.5000 ;34.2140
P87=-94.6110 ;34.5000
P88=-94.7730 ;35.0000
P89=-94.9350 ;35.5000

P90=-95.0000 ;35.7160
P91=-95.0650 ;36.0000
P92=-95.1800 ;36.5000
P93=-95.3050 ;37.0000
P94=-95.4270 ;37.5000
P95=-95.5000 ;37.8430
P96=-95.5210 ;38.0000
P97=-95.5750 ;38.5000
P98=-95.6180 ;39.0000
P99=-95.6470 ;39.5000
P100=-95.6500 ;40.0000
P101=-95.6230 ;40.5000
P102=-95.5750 ;41.0000
P103=-95.5010 ;41.5000
P104=-95.5000 ;41.5060
P105=-95.3800 ;42.0000
P106=-95.2430 ;42.5000
P107=-95.0900 ;43.0000
P108=-95.0000 ;43.2490
P109=-94.8940 ;43.5000
P110=-94.6740 ;44.0000
P111=-94.5000 ;44.3790
P112=-94.4370 ;44.5000
P113=-94.1600 ;45.0000
P114=-94.0000 ;45.2690
P115=-93.8490 ;45.5000
P116=-93.5110 ;46.0000
P117=-93.5000 ;46.0140
P118=-93.1130 ;46.5000
P119=-93.0000 ;46.6330
P120=-92.6750 ;47.0000
P121=-92.5000 ;47.1840
P122=-92.1900 ;47.5000
P123=-92.0000 ;47.6780
P124=-91.6490 ;48.0000
P125=-91.5000 ;48.1230
P126=-91.0350 ;48.5000
P127=-91.0000 ;48.5260
P128=-90.5000 ;48.8700
P129=-90.3180 ;49.0000
P130=-90.0000 ;49.1940
P131=-89.5270 ;49.5000
P132=-89.5000 ;49.5140
P133=-89.0000 ;49.7660
P134=-88.5790 ;50.0000
P135=-88.5000 ;50.0310
P136=-88.0000 ;50.2230
P137=-87.5000 ;50.4430
P138=-87.3650 ;50.5000
P139=-87.0000 ;50.5980
P140=-86.5000 ;50.7460
P141=-86.0000 ;50.9090
P142=-85.7090 ;51.0000
P143=-85.5000 ;51.0350
P144=-85.0000 ;51.1150
P145=-84.5000 ;51.2090
P146=-84.0000 ;51.3050

P147=-83.5000 ;51.3990
P148=-83.0000 ;51.4850
P149=-82.8980 ;51.5000
P150=-82.5000 ;51.5330
P151=-82.0000 ;51.5650
P152=-81.5000 ;51.5850
P153=-81.0000 ;51.5860
P154=-80.5000 ;51.5780
P155=-80.0000 ;51.5610
P156=-79.5000 ;51.5350
P157=-79.0000 ;51.5020
P158=-78.9800 ;51.5000
P159=-78.5000 ;51.4130
P160=-78.0000 ;51.3060
P161=-77.5000 ;51.1860
P162=-77.0000 ;51.0590
P163=-76.7920 ;51.0000
P164=-76.5000 ;50.8670
P165=-76.0000 ;50.6120
P166=-75.8060 ;50.5000
P167=-75.5000 ;50.2640
P168=-75.1910 ;50.0000
P169=-75.0000 ;49.7730
P170=-74.8170 ;49.5000
P171=-74.5440 ;49.0000
P172=-74.5000 ;48.8890

[C7]

gain=-30.00

n_point=74

P1=-85.0000 ;46.3080
P2=-85.1250 ;46.3140
P3=-85.2500 ;46.3200
P4=-85.3750 ;46.3260
P5=-85.5000 ;46.3320
P6=-85.6250 ;46.3412
P7=-85.7500 ;46.3505
P8=-85.8750 ;46.3598
P9=-86.0000 ;46.3690
P10=-86.1250 ;46.3592
P11=-86.2500 ;46.3495
P12=-86.3750 ;46.3397
P13=-86.5000 ;46.3300
P14=-86.6000 ;46.2898
P15=-86.7000 ;46.2496
P16=-86.8000 ;46.2094
P17=-86.9000 ;46.1692
P18=-87.0000 ;46.1290
P19=-87.0763 ;46.0860
P20=-87.1527 ;46.0430
P21=-87.2290 ;46.0000
P22=-87.2968 ;45.9495
P23=-87.3645 ;45.8990
P24=-87.4323 ;45.8485
P25=-87.5000 ;45.7980
P26=-87.6000 ;45.7676
P27=-87.7000 ;45.7372
P28=-87.8000 ;45.7068

P29=-87.9000 ;45.6764
P30=-88.0000 ;45.6460
P31=-88.0783 ;45.5973
P32=-88.1567 ;45.5487
P33=-88.2350 ;45.5000
P34=-88.1880 ;45.4340
P35=-88.1410 ;45.3680
P36=-88.0940 ;45.3020
P37=-88.0470 ;45.2360
P38=-88.0000 ;45.1700
P39=-87.9000 ;45.1920
P40=-87.8000 ;45.2140
P41=-87.7000 ;45.2360
P42=-87.6000 ;45.2580
P43=-87.5000 ;45.2800
P44=-87.4000 ;45.3142
P45=-87.3000 ;45.3484
P46=-87.2000 ;45.3826
P47=-87.1000 ;45.4168
P48=-87.0000 ;45.4510
P49=-86.9025 ;45.4755
P50=-86.8050 ;45.5000
P51=-86.7033 ;45.5223
P52=-86.6017 ;45.5447
P53=-86.5000 ;45.5670
P54=-86.4000 ;45.5898
P55=-86.3000 ;45.6126
P56=-86.2000 ;45.6354
P57=-86.1000 ;45.6582
P58=-86.0000 ;45.6810
P59=-85.9000 ;45.7164
P60=-85.8000 ;45.7518
P61=-85.7000 ;45.7872
P62=-85.6000 ;45.8226
P63=-85.5000 ;45.8580
P64=-85.4000 ;45.8816
P65=-85.3000 ;45.9052
P66=-85.2000 ;45.9288
P67=-85.1000 ;45.9524
P68=-85.0000 ;45.9760
P69=-84.9125 ;45.9880
P70=-84.8250 ;46.0000
P71=-84.8688 ;46.0770
P72=-84.9125 ;46.1540
P73=-84.9563 ;46.2310
P74=-85.0000 ;46.3080

[C8]

gain=-30.00

n_point=101

P1=-78.5000 ;42.8870
P2=-78.6220 ;42.6935
P3=-78.7440 ;42.5000
P4=-78.7010 ;42.2500
P5=-78.6580 ;42.0000
P6=-78.7525 ;41.7500
P7=-78.8470 ;41.5000
P8=-78.8990 ;41.2500

P9=-78.9510 ;41.0000
P10=-79.0000 ;40.9840
P11=-79.0855 ;40.7420
P12=-79.1710 ;40.5000
P13=-79.2170 ;40.2500
P14=-79.2630 ;40.0000
P15=-79.3815 ;39.8565
P16=-79.5000 ;39.7130
P17=-79.6060 ;39.5000
P18=-79.7225 ;39.2500
P19=-79.8390 ;39.0000
P20=-80.0000 ;38.7490
P21=-80.1430 ;38.5000
P22=-80.3215 ;38.2995
P23=-80.5000 ;38.0990
P24=-80.5780 ;38.0000
P25=-80.7680 ;37.7500
P26=-80.9580 ;37.5000
P27=-81.0000 ;37.4660
P28=-81.1965 ;37.2330
P29=-81.3930 ;37.0000
P30=-81.5000 ;36.9230
P31=-81.7100 ;36.7115
P32=-81.9200 ;36.5000
P33=-82.0000 ;36.4370
P34=-82.2430 ;36.2185
P35=-82.4860 ;36.0000
P36=-82.5000 ;35.9760
P37=-82.7500 ;35.8115
P38=-83.0000 ;35.6470
P39=-83.2030 ;35.5000
P40=-83.3515 ;35.3650
P41=-83.5000 ;35.2300
P42=-83.7500 ;35.1385
P43=-84.0000 ;35.0470
P44=-84.0830 ;35.0000
P45=-84.2915 ;34.8110
P46=-84.5000 ;34.6220
P47=-84.7500 ;34.5825
P48=-85.0000 ;34.5430
P49=-85.1310 ;34.5000
P50=-85.0000 ;34.3940
P51=-84.7500 ;34.3890
P52=-84.5000 ;34.3840
P53=-84.2500 ;34.4125
P54=-84.0000 ;34.4410
P55=-83.9050 ;34.5000
P56=-83.7025 ;34.6245
P57=-83.5000 ;34.7490
P58=-83.2500 ;34.8525
P59=-83.0000 ;34.9560
P60=-82.9400 ;35.0000
P61=-82.7200 ;35.0910
P62=-82.5000 ;35.1820
P63=-82.3160 ;35.3410
P64=-82.1320 ;35.5000
P65=-82.0000 ;35.5860

P66=-81.7765 ;35.7930
P67=-81.5530 ;36.0000
P68=-81.5000 ;36.0670
P69=-81.2670 ;36.2835
P70=-81.0340 ;36.5000
P71=-81.0000 ;36.5480
P72=-80.7845 ;36.7740
P73=-80.5690 ;37.0000
P74=-80.5000 ;37.0840
P75=-80.3195 ;37.2920
P76=-80.1390 ;37.5000
P77=-80.0000 ;37.7270
P78=-79.7740 ;38.0000
P79=-79.6370 ;38.1945
P80=-79.5000 ;38.3890
P81=-79.4070 ;38.5000
P82=-79.2705 ;38.7500
P83=-79.1340 ;39.0000
P84=-79.0670 ;39.1750
P85=-79.0000 ;39.3500
P86=-78.9120 ;39.5000
P87=-78.8090 ;39.7500
P88=-78.7060 ;40.0000
P89=-78.6330 ;40.2500
P90=-78.5600 ;40.5000
P91=-78.5000 ;40.6560
P92=-78.4490 ;40.8280
P93=-78.3980 ;41.0000
P94=-78.3490 ;41.2500
P95=-78.3000 ;41.5000
P96=-78.3405 ;41.7500
P97=-78.3810 ;42.0000
P98=-78.3655 ;42.2500
P99=-78.3500 ;42.5000
P100=-78.4250 ;42.6935
P101=-78.5000 ;42.8870
[C9]
gain=-30.00
n_point=75
P1=-90.0000 ;34.5620
P2=-90.1000 ;34.6190
P3=-90.2000 ;34.6760
P4=-90.3000 ;34.7330
P5=-90.4000 ;34.7900
P6=-90.5000 ;34.8470
P7=-90.5455 ;34.9235
P8=-90.5910 ;35.0000
P9=-90.6932 ;35.0832
P10=-90.7955 ;35.1665
P11=-90.8978 ;35.2497
P12=-91.0000 ;35.3330
P13=-91.0817 ;35.3887
P14=-91.1633 ;35.4443
P15=-91.2450 ;35.5000
P16=-91.3300 ;35.5777
P17=-91.4150 ;35.6553
P18=-91.5000 ;35.7330

P19=-91.6020 ;35.7998
P20=-91.7040 ;35.8665
P21=-91.8060 ;35.9333
P22=-91.9080 ;36.0000
P23=-91.9540 ;36.0525
P24=-92.0000 ;36.1050
P25=-92.0842 ;36.1840
P26=-92.1684 ;36.2630
P27=-92.2526 ;36.3420
P28=-92.3368 ;36.4210
P29=-92.4210 ;36.5000
P30=-92.4605 ;36.5630
P31=-92.5000 ;36.6260
P32=-92.6250 ;36.6405
P33=-92.7500 ;36.6550
P34=-92.8750 ;36.6695
P35=-93.0000 ;36.6840
P36=-93.0190 ;36.5920
P37=-93.0380 ;36.5000
P38=-93.0000 ;36.4370
P39=-92.9550 ;36.3278
P40=-92.9100 ;36.2185
P41=-92.8650 ;36.1092
P42=-92.8200 ;36.0000
P43=-92.7560 ;35.9074
P44=-92.6920 ;35.8148
P45=-92.6280 ;35.7222
P46=-92.5640 ;35.6296
P47=-92.5000 ;35.5370
P48=-92.4810 ;35.5000
P49=-92.3848 ;35.4144
P50=-92.2886 ;35.3288
P51=-92.1924 ;35.2432
P52=-92.0962 ;35.1576
P53=-92.0000 ;35.0720
P54=-91.9330 ;35.0000
P55=-91.8248 ;34.9250
P56=-91.7165 ;34.8500
P57=-91.6083 ;34.7750
P58=-91.5000 ;34.7000
P59=-91.3842 ;34.6500
P60=-91.2685 ;34.6000
P61=-91.1528 ;34.5500
P62=-91.0370 ;34.5000
P63=-91.0000 ;34.4790
P64=-90.8750 ;34.4222
P65=-90.7500 ;34.3655
P66=-90.6250 ;34.3088
P67=-90.5000 ;34.2520
P68=-90.3750 ;34.2782
P69=-90.2500 ;34.3045
P70=-90.1250 ;34.3307
P71=-90.0000 ;34.3570
P72=-89.9320 ;34.4285
P73=-89.8640 ;34.5000
P74=-89.9320 ;34.5310
P75=-90.0000 ;34.5620