

```
[FormatInfo]
format_ver=1
[GeoMain]
ntc_id=9000021
adm=USA
sat_name=USABSS-21
long_nom=-101.0000
n_diag=1
[COHeader]
beam_id=RB01
emi_rcp=E
polar_disc=X
reason=B
n_bore=1
n_cont=12
[B1]
gain=0.00
p=-71.6070;42.4500
[C1]
gain=-30.00
n_point=145
P1=-30.2659 ;62.7514
P2=-30.5700 ;62.7120
P3=-31.0000 ;62.6550
P4=-31.5000 ;62.5910
P5=-32.0000 ;62.5240
P6=-32.1660 ;62.5000
P7=-32.5000 ;62.4440
P8=-33.0000 ;62.3840
P9=-33.5000 ;62.3450
P10=-34.0000 ;62.3000
P11=-34.5000 ;62.2440
P12=-35.0000 ;62.1850
P13=-35.5000 ;62.1290
P14=-36.0000 ;62.0690
P15=-36.5000 ;62.0300
P16=-36.8250 ;62.0000
P17=-37.0000 ;61.9800
P18=-37.5000 ;61.9290
P19=-38.0000 ;61.8840
P20=-38.5000 ;61.8370
P21=-39.0000 ;61.7810
P22=-39.5000 ;61.7010
P23=-40.0000 ;61.6400
P24=-40.5000 ;61.5880
P25=-41.0000 ;61.5390
P26=-41.5000 ;61.5010
P27=-41.5150 ;61.5000
P28=-42.0000 ;61.4450
P29=-42.5000 ;61.3760
P30=-43.0000 ;61.2880
P31=-43.5000 ;61.2070
P32=-44.0000 ;61.1320
P33=-44.5000 ;61.0710
P34=-45.0000 ;61.0190
P35=-45.1650 ;61.0000
P36=-45.5000 ;60.9430
```

P37=-46.0000 ;60.8630  
P38=-46.5000 ;60.7680  
P39=-47.0000 ;60.6660  
P40=-47.5000 ;60.5840  
P41=-48.0000 ;60.5050  
P42=-48.0360 ;60.5000  
P43=-48.5000 ;60.4090  
P44=-49.0000 ;60.3090  
P45=-49.5000 ;60.2030  
P46=-50.0000 ;60.1030  
P47=-50.4760 ;60.0000  
P48=-50.5000 ;59.9930  
P49=-51.0000 ;59.8660  
P50=-51.5000 ;59.7490  
P51=-52.0000 ;59.6480  
P52=-52.5000 ;59.5320  
P53=-52.6340 ;59.5000  
P54=-53.0000 ;59.3620  
P55=-53.5000 ;59.2020  
P56=-54.0000 ;59.0660  
P57=-54.2670 ;59.0000  
P58=-54.5000 ;58.9140  
P59=-55.0000 ;58.7300  
P60=-55.5000 ;58.5580  
P61=-55.6730 ;58.5000  
P62=-56.0000 ;58.2890  
P63=-56.5000 ;58.0580  
P64=-56.6600 ;58.0000  
P65=-57.0000 ;57.5970  
P66=-57.0950 ;57.5000  
P67=-57.0000 ;57.4720  
P68=-56.5000 ;57.3890  
P69=-56.0000 ;57.3570  
P70=-55.5000 ;57.3350  
P71=-55.0000 ;57.3170  
P72=-54.5000 ;57.3260  
P73=-54.0000 ;57.3240  
P74=-53.5000 ;57.3160  
P75=-53.0000 ;57.2900  
P76=-52.5000 ;57.2520  
P77=-52.0000 ;57.1920  
P78=-51.5000 ;57.1100  
P79=-51.0010 ;57.0000  
P80=-51.0000 ;57.0000  
P81=-50.5000 ;56.8460  
P82=-50.0000 ;56.6430  
P83=-49.7210 ;56.5000  
P84=-49.5000 ;56.3060  
P85=-49.1650 ;56.0000  
P86=-49.0000 ;55.6270  
P87=-48.9210 ;55.5000  
P88=-48.7800 ;55.0000  
P89=-48.6790 ;54.5000  
P90=-48.5000 ;54.1360  
P91=-48.4320 ;54.0000  
P92=-48.0000 ;53.6860  
P93=-47.5000 ;53.6530

P94=-47.0000 ;53.7120  
P95=-46.5000 ;53.8980  
P96=-46.1350 ;54.0000  
P97=-46.0000 ;54.0410  
P98=-45.5000 ;54.3120  
P99=-45.0000 ;54.4820  
P100=-44.9650 ;54.5000  
P101=-44.5000 ;54.7640  
P102=-44.0950 ;55.0000  
P103=-44.0000 ;55.0690  
P104=-43.5000 ;55.3570  
P105=-43.2910 ;55.5000  
P106=-43.0000 ;55.6870  
P107=-42.5000 ;55.9620  
P108=-42.4140 ;56.0000  
P109=-42.0000 ;56.2120  
P110=-41.5980 ;56.5000  
P111=-41.5000 ;56.5570  
P112=-41.0000 ;56.8570  
P113=-40.7090 ;57.0000  
P114=-40.5000 ;57.0920  
P115=-40.0000 ;57.3080  
P116=-39.6540 ;57.5000  
P117=-39.5000 ;57.5950  
P118=-39.0000 ;57.8660  
P119=-38.6940 ;58.0000  
P120=-38.5000 ;58.0810  
P121=-38.0000 ;58.2560  
P122=-37.5000 ;58.4650  
P123=-37.4190 ;58.5000  
P124=-37.0000 ;58.7250  
P125=-36.5000 ;58.9370  
P126=-36.3100 ;59.0000  
P127=-36.0000 ;59.1010  
P128=-35.5000 ;59.2500  
P129=-35.0000 ;59.4230  
P130=-34.7890 ;59.5000  
P131=-34.5000 ;59.6360  
P132=-34.0000 ;59.8170  
P133=-33.5000 ;59.9470  
P134=-33.2090 ;60.0000  
P135=-33.0000 ;60.0470  
P136=-32.5000 ;60.1760  
P137=-32.0000 ;60.3080  
P138=-31.5000 ;60.4650  
P139=-31.3520 ;60.5000  
P140=-31.0000 ;60.5910  
P141=-30.5000 ;60.6760  
P142=-30.0000 ;60.7260  
P143=-29.5000 ;60.7980  
P144=-29.3580 ;60.8170  
P145=-29.0707 ;60.8549  
[C2]  
gain=-30.00  
n\_point=193  
P1=-56.5000 ;53.0260  
P2=-56.4650 ;53.0000

P3=-56.1930 ;52.5000  
P4=-56.1830 ;52.0000  
P5=-56.3070 ;51.5000  
P6=-56.5000 ;51.0110  
P7=-56.5040 ;51.0000  
P8=-56.7490 ;50.5000  
P9=-56.9850 ;50.0000  
P10=-57.0000 ;49.9500  
P11=-57.1620 ;49.5000  
P12=-57.1900 ;49.0000  
P13=-57.0300 ;48.5000  
P14=-57.0000 ;48.4400  
P15=-56.8370 ;48.0000  
P16=-56.7380 ;47.5000  
P17=-56.7760 ;47.0000  
P18=-56.9210 ;46.5000  
P19=-57.0000 ;46.3410  
P20=-57.1610 ;46.0000  
P21=-57.4600 ;45.5000  
P22=-57.5000 ;45.4480  
P23=-57.8260 ;45.0000  
P24=-58.0000 ;44.7960  
P25=-58.2390 ;44.5000  
P26=-58.5000 ;44.2170  
P27=-58.6910 ;44.0000  
P28=-59.0000 ;43.6860  
P29=-59.1760 ;43.5000  
P30=-59.5000 ;43.1870  
P31=-59.6860 ;43.0000  
P32=-60.0000 ;42.7100  
P33=-60.2200 ;42.5000  
P34=-60.5000 ;42.2540  
P35=-60.7780 ;42.0000  
P36=-61.0000 ;41.8140  
P37=-61.3620 ;41.5000  
P38=-61.5000 ;41.3900  
P39=-61.9700 ;41.0000  
P40=-62.0000 ;40.9770  
P41=-62.5000 ;40.5960  
P42=-62.6240 ;40.5000  
P43=-63.0000 ;40.2280  
P44=-63.3050 ;40.0000  
P45=-63.5000 ;39.8640  
P46=-63.9960 ;39.5000  
P47=-64.0000 ;39.4980  
P48=-64.5000 ;39.2140  
P49=-64.8620 ;39.0000  
P50=-65.0000 ;38.9280  
P51=-65.5000 ;38.7110  
P52=-66.0000 ;38.5470  
P53=-66.5000 ;38.5130  
P54=-66.6730 ;38.5000  
P55=-67.0000 ;38.4750  
P56=-67.5000 ;38.3260  
P57=-68.0000 ;38.1580  
P58=-68.2830 ;38.0000  
P59=-68.5000 ;37.9110

P60=-69.0000 ;37.6690  
P61=-69.2760 ;37.5000  
P62=-69.5000 ;37.3940  
P63=-70.0000 ;37.0910  
P64=-70.1620 ;37.0000  
P65=-70.5000 ;36.7390  
P66=-70.9170 ;36.5000  
P67=-71.0000 ;36.2360  
P68=-71.1340 ;36.0000  
P69=-71.0420 ;35.5000  
P70=-71.3430 ;35.0000  
P71=-71.5000 ;34.8930  
P72=-71.9980 ;34.5000  
P73=-72.0000 ;34.4990  
P74=-72.5000 ;34.2750  
P75=-73.0000 ;34.0280  
P76=-73.0570 ;34.0000  
P77=-73.5000 ;33.8770  
P78=-74.0000 ;33.7290  
P79=-74.5000 ;33.5780  
P80=-74.7740 ;33.5000  
P81=-75.0000 ;33.4600  
P82=-75.5000 ;33.3730  
P83=-76.0000 ;33.2920  
P84=-76.5000 ;33.2340  
P85=-77.0000 ;33.2110  
P86=-77.5000 ;33.2480  
P87=-78.0000 ;33.4290  
P88=-78.0750 ;33.5000  
P89=-78.5000 ;33.6880  
P90=-78.8860 ;34.0000  
P91=-79.0000 ;34.0920  
P92=-79.3520 ;34.5000  
P93=-79.5000 ;34.6850  
P94=-79.6910 ;35.0000  
P95=-80.0000 ;35.4910  
P96=-80.0050 ;35.5000  
P97=-80.2330 ;36.0000  
P98=-80.4780 ;36.5000  
P99=-80.5000 ;36.5540  
P100=-80.6720 ;37.0000  
P101=-80.9140 ;37.5000  
P102=-81.0000 ;37.6560  
P103=-81.1600 ;38.0000  
P104=-81.3640 ;38.5000  
P105=-81.5000 ;38.8640  
P106=-81.5350 ;39.0000  
P107=-81.6080 ;39.5000  
P108=-81.6360 ;40.0000  
P109=-81.6270 ;40.5000  
P110=-81.5450 ;41.0000  
P111=-81.5000 ;41.2220  
P112=-81.4180 ;41.5000  
P113=-81.2250 ;42.0000  
P114=-81.0220 ;42.5000  
P115=-81.0000 ;42.5530  
P116=-80.7520 ;43.0000

P117=-80.5000 ;43.4400  
P118=-80.4560 ;43.5000  
P119=-80.0950 ;44.0000  
P120=-80.0000 ;44.1430  
P121=-79.7030 ;44.5000  
P122=-79.5000 ;44.7410  
P123=-79.2180 ;45.0000  
P124=-79.0000 ;45.2450  
P125=-78.6940 ;45.5000  
P126=-78.5000 ;45.6600  
P127=-78.0000 ;45.9620  
P128=-77.7110 ;45.5000  
P129=-77.7940 ;45.0000  
P130=-77.7500 ;44.5000  
P131=-77.5000 ;44.3000  
P132=-77.3120 ;44.5000  
P133=-77.0000 ;44.6530  
P134=-76.6940 ;45.0000  
P135=-76.5000 ;45.1440  
P136=-76.1510 ;45.5000  
P137=-76.0000 ;45.6390  
P138=-75.6420 ;46.0000  
P139=-75.5000 ;46.1150  
P140=-75.1050 ;46.5000  
P141=-75.0000 ;46.6260  
P142=-74.5890 ;47.0000  
P143=-74.5000 ;47.1160  
P144=-74.0910 ;47.5000  
P145=-74.0000 ;47.6260  
P146=-73.5690 ;48.0000  
P147=-73.5000 ;48.1000  
P148=-73.0850 ;48.5000  
P149=-73.0000 ;48.6210  
P150=-72.6310 ;49.0000  
P151=-72.5000 ;49.1820  
P152=-72.2050 ;49.5000  
P153=-72.0000 ;49.7130  
P154=-71.7050 ;50.0000  
P155=-71.5000 ;50.1580  
P156=-71.0730 ;50.5000  
P157=-71.0000 ;50.5430  
P158=-70.5000 ;50.8410  
P159=-70.2480 ;51.0000  
P160=-70.0000 ;51.1230  
P161=-69.5000 ;51.3850  
P162=-69.2910 ;51.5000  
P163=-69.0000 ;51.6280  
P164=-68.5000 ;51.8610  
P165=-68.2210 ;52.0000  
P166=-68.0000 ;52.0890  
P167=-67.5000 ;52.2930  
P168=-67.0110 ;52.5000  
P169=-67.0000 ;52.5040  
P170=-66.5000 ;52.6670  
P171=-66.0000 ;52.8400  
P172=-65.5550 ;53.0000  
P173=-65.5000 ;53.0170

P174=-65.0000 ;53.1610  
P175=-64.5000 ;53.3070  
P176=-64.0000 ;53.4570  
P177=-63.8480 ;53.5000  
P178=-63.5000 ;53.5790  
P179=-63.0000 ;53.6710  
P180=-62.5000 ;53.7540  
P181=-62.0000 ;53.8300  
P182=-61.5000 ;53.8940  
P183=-61.0000 ;53.9370  
P184=-60.5000 ;53.9660  
P185=-60.0000 ;53.9850  
P186=-59.5000 ;53.9660  
P187=-59.0000 ;53.9360  
P188=-58.5000 ;53.8720  
P189=-58.0000 ;53.7420  
P190=-57.5000 ;53.6060  
P191=-57.1870 ;53.5000  
P192=-57.0000 ;53.3840  
P193=-56.5000 ;53.0260

[C3]

gain=-30.00

n\_point=76

P1=-61.5000 ;49.2620  
P2=-61.5685 ;49.3215  
P3=-61.6370 ;49.3810  
P4=-61.7055 ;49.4405  
P5=-61.7740 ;49.5000  
P6=-61.8870 ;49.5350  
P7=-62.0000 ;49.5700  
P8=-62.1000 ;49.5996  
P9=-62.2000 ;49.6292  
P10=-62.3000 ;49.6588  
P11=-62.4000 ;49.6884  
P12=-62.5000 ;49.7180  
P13=-62.6250 ;49.7107  
P14=-62.7500 ;49.7035  
P15=-62.8750 ;49.6963  
P16=-63.0000 ;49.6890  
P17=-63.1250 ;49.6903  
P18=-63.2500 ;49.6915  
P19=-63.3750 ;49.6928  
P20=-63.5000 ;49.6940  
P21=-63.6250 ;49.6857  
P22=-63.7500 ;49.6775  
P23=-63.8750 ;49.6693  
P24=-64.0000 ;49.6610  
P25=-64.0936 ;49.6288  
P26=-64.1872 ;49.5966  
P27=-64.2808 ;49.5644  
P28=-64.3744 ;49.5322  
P29=-64.4680 ;49.5000  
P30=-64.4558 ;49.4167  
P31=-64.4437 ;49.3333  
P32=-64.4315 ;49.2500  
P33=-64.4193 ;49.1667  
P34=-64.4072 ;49.0833

P35=-64.3950 ;49.0000  
P36=-64.3160 ;48.9372  
P37=-64.2370 ;48.8744  
P38=-64.1580 ;48.8116  
P39=-64.0790 ;48.7488  
P40=-64.0000 ;48.6860  
P41=-63.9000 ;48.6520  
P42=-63.8000 ;48.6180  
P43=-63.7000 ;48.5840  
P44=-63.6000 ;48.5500  
P45=-63.5000 ;48.5160  
P46=-63.3803 ;48.5107  
P47=-63.2607 ;48.5053  
P48=-63.1410 ;48.5000  
P49=-63.0705 ;48.4930  
P50=-63.0000 ;48.4860  
P51=-62.9000 ;48.4620  
P52=-62.8000 ;48.4380  
P53=-62.7000 ;48.4140  
P54=-62.6000 ;48.3900  
P55=-62.5000 ;48.3660  
P56=-62.3750 ;48.3690  
P57=-62.2500 ;48.3720  
P58=-62.1250 ;48.3750  
P59=-62.0000 ;48.3780  
P60=-61.9000 ;48.4012  
P61=-61.8000 ;48.4244  
P62=-61.7000 ;48.4476  
P63=-61.6000 ;48.4708  
P64=-61.5000 ;48.4940  
P65=-61.4840 ;48.5000  
P66=-61.4401 ;48.5714  
P67=-61.3963 ;48.6429  
P68=-61.3524 ;48.7143  
P69=-61.3086 ;48.7857  
P70=-61.2647 ;48.8571  
P71=-61.2209 ;48.9286  
P72=-61.1770 ;49.0000  
P73=-61.2578 ;49.0655  
P74=-61.3385 ;49.1310  
P75=-61.4192 ;49.1965  
P76=-61.5000 ;49.2620  
[C4]  
gain=-20.00  
n\_point=116  
P1=-62.5000 ;46.1490  
P2=-62.4650 ;46.0000  
P3=-62.4640 ;45.5000  
P4=-62.5000 ;45.3000  
P5=-62.5480 ;45.0000  
P6=-62.6970 ;44.5000  
P7=-62.9280 ;44.0000  
P8=-63.0000 ;43.8870  
P9=-63.2130 ;43.5000  
P10=-63.5000 ;43.0950  
P11=-63.5620 ;43.0000  
P12=-63.7535 ;42.7500



P13=-63.9450 ;42.5000  
P14=-64.0000 ;42.4420  
P15=-64.3780 ;42.0000  
P16=-64.5000 ;41.8860  
P17=-64.8740 ;41.5000  
P18=-65.0000 ;41.3930  
P19=-65.4230 ;41.0000  
P20=-65.5000 ;40.9370  
P21=-65.7500 ;40.7205  
P22=-66.0000 ;40.5040  
P23=-66.0040 ;40.5000  
P24=-66.2520 ;40.2985  
P25=-66.5000 ;40.0970  
P26=-66.6140 ;40.0000  
P27=-67.0000 ;39.7150  
P28=-67.2740 ;39.5000  
P29=-67.5000 ;39.3480  
P30=-67.9830 ;39.0000  
P31=-68.0000 ;38.9900  
P32=-68.5000 ;38.6740  
P33=-68.7610 ;38.5000  
P34=-69.0000 ;38.3640  
P35=-69.5000 ;38.0630  
P36=-69.6100 ;38.0000  
P37=-70.0000 ;37.8110  
P38=-70.5000 ;37.5570  
P39=-70.6250 ;37.5000  
P40=-71.0000 ;37.3490  
P41=-71.5000 ;37.1660  
P42=-72.0000 ;37.0110  
P43=-72.0500 ;37.0000  
P44=-72.5000 ;36.8950  
P45=-73.0000 ;36.8180  
P46=-73.5000 ;36.7770  
P47=-74.0000 ;36.7760  
P48=-74.5000 ;36.8230  
P49=-75.0000 ;36.9640  
P50=-75.0640 ;37.0000  
P51=-75.5000 ;37.1440  
P52=-76.0000 ;37.4540  
P53=-76.0440 ;37.5000  
P54=-76.5000 ;37.8240  
P55=-76.6680 ;38.0000  
P56=-77.0000 ;38.3490  
P57=-77.1060 ;38.5000  
P58=-77.2825 ;38.7500  
P59=-77.4590 ;39.0000  
P60=-77.5000 ;39.0770  
P61=-77.6830 ;39.5000  
P62=-77.8250 ;40.0000  
P63=-77.8990 ;40.5000  
P64=-77.8970 ;41.0000  
P65=-77.8230 ;41.5000  
P66=-77.6990 ;42.0000  
P67=-77.5060 ;42.5000  
P68=-77.5000 ;42.5120  
P69=-77.2580 ;43.0000

P70=-77.0000 ;43.4370  
P71=-76.9600 ;43.5000  
P72=-76.7890 ;43.7500  
P73=-76.6180 ;44.0000  
P74=-76.5000 ;44.1500  
P75=-76.2090 ;44.5000  
P76=-76.0000 ;44.7530  
P77=-75.7790 ;45.0000  
P78=-75.5000 ;45.2860  
P79=-75.2780 ;45.5000  
P80=-75.0000 ;45.7640  
P81=-74.7350 ;46.0000  
P82=-74.5000 ;46.2000  
P83=-74.1270 ;46.5000  
P84=-74.0000 ;46.5980  
P85=-73.5000 ;46.9590  
P86=-73.4380 ;47.0000  
P87=-73.0000 ;47.2850  
P88=-72.6440 ;47.5000  
P89=-72.5000 ;47.5860  
P90=-72.0000 ;47.8490  
P91=-71.6820 ;48.0000  
P92=-71.5000 ;48.0890  
P93=-71.0000 ;48.2940  
P94=-70.5000 ;48.4660  
P95=-70.3770 ;48.5000  
P96=-70.0000 ;48.6130  
P97=-69.5000 ;48.7200  
P98=-69.0000 ;48.7880  
P99=-68.5000 ;48.8200  
P100=-68.0000 ;48.8120  
P101=-67.5000 ;48.7600  
P102=-67.0000 ;48.6700  
P103=-66.5000 ;48.5470  
P104=-66.3480 ;48.5000  
P105=-66.0000 ;48.4060  
P106=-65.5000 ;48.2520  
P107=-65.0000 ;48.0890  
P108=-64.7130 ;48.0000  
P109=-64.5000 ;47.9130  
P110=-64.0000 ;47.7030  
P111=-63.5340 ;47.5000  
P112=-63.5000 ;47.4760  
P113=-63.0000 ;47.0880  
P114=-62.8960 ;47.0000  
P115=-62.5820 ;46.5000  
P116=-62.5000 ;46.1490  
[C5]  
gain=-10.00  
n\_point=112  
P1=-65.5000 ;45.9300  
P2=-65.3875 ;45.7150  
P3=-65.2750 ;45.5000  
P4=-65.2285 ;45.2500  
P5=-65.1820 ;45.0000  
P6=-65.1985 ;44.7500  
P7=-65.2150 ;44.5000

P8=-65.2835 ;44.2500  
P9=-65.3520 ;44.0000  
P10=-65.5000 ;43.6410  
P11=-65.5590 ;43.5000  
P12=-65.6950 ;43.2500  
P13=-65.8310 ;43.0000  
P14=-66.0000 ;42.7330  
P15=-66.1490 ;42.5000  
P16=-66.3245 ;42.2675  
P17=-66.5000 ;42.0350  
P18=-66.5260 ;42.0000  
P19=-66.7415 ;41.7500  
P20=-66.9570 ;41.5000  
P21=-67.0000 ;41.4540  
P22=-67.2165 ;41.2270  
P23=-67.4330 ;41.0000  
P24=-67.5000 ;40.9370  
P25=-67.7330 ;40.7185  
P26=-67.9660 ;40.5000  
P27=-68.0000 ;40.4720  
P28=-68.2500 ;40.2670  
P29=-68.5000 ;40.0620  
P30=-68.5770 ;40.0000  
P31=-68.7885 ;39.8465  
P32=-69.0000 ;39.6930  
P33=-69.2680 ;39.5000  
P34=-69.5000 ;39.3550  
P35=-69.7500 ;39.2050  
P36=-70.0000 ;39.0550  
P37=-70.0990 ;39.0000  
P38=-70.5000 ;38.8030  
P39=-70.7500 ;38.6875  
P40=-71.0000 ;38.5720  
P41=-71.1830 ;38.5000  
P42=-71.5000 ;38.3950  
P43=-71.7500 ;38.3290  
P44=-72.0000 ;38.2630  
P45=-72.5000 ;38.1670  
P46=-73.0000 ;38.1170  
P47=-73.5000 ;38.1190  
P48=-74.0000 ;38.1840  
P49=-74.2500 ;38.2490  
P50=-74.5000 ;38.3140  
P51=-74.7490 ;38.4070  
P52=-74.9980 ;38.5000  
P53=-75.0000 ;38.5010  
P54=-75.2500 ;38.6655  
P55=-75.5000 ;38.8300  
P56=-75.7060 ;39.0000  
P57=-76.0000 ;39.3210  
P58=-76.1310 ;39.5000  
P59=-76.2525 ;39.7500  
P60=-76.3740 ;40.0000  
P61=-76.4300 ;40.2500  
P62=-76.4860 ;40.5000  
P63=-76.5000 ;40.7820  
P64=-76.5090 ;41.0000

P65=-76.5000 ;41.0650  
P66=-76.4660 ;41.2825  
P67=-76.4320 ;41.5000  
P68=-76.3640 ;41.7500  
P69=-76.2960 ;42.0000  
P70=-76.1935 ;42.2500  
P71=-76.0910 ;42.5000  
P72=-76.0000 ;42.6860  
P73=-75.8260 ;43.0000  
P74=-75.6630 ;43.2490  
P75=-75.5000 ;43.4980  
P76=-75.4980 ;43.5000  
P77=-75.2975 ;43.7500  
P78=-75.0970 ;44.0000  
P79=-75.0000 ;44.1080  
P80=-74.8080 ;44.3040  
P81=-74.6160 ;44.5000  
P82=-74.5000 ;44.6130  
P83=-74.2850 ;44.8065  
P84=-74.0700 ;45.0000  
P85=-74.0000 ;45.0560  
P86=-73.7500 ;45.2405  
P87=-73.5000 ;45.4250  
P88=-73.3900 ;45.5000  
P89=-73.0000 ;45.7480  
P90=-72.5750 ;46.0000  
P91=-72.5000 ;46.0410  
P92=-72.2500 ;46.1610  
P93=-72.0000 ;46.2810  
P94=-71.5050 ;46.5000  
P95=-71.5000 ;46.5020  
P96=-71.0000 ;46.6680  
P97=-70.5000 ;46.8080  
P98=-70.0000 ;46.9200  
P99=-69.5130 ;47.0000  
P100=-69.5000 ;47.0020  
P101=-69.0000 ;47.0430  
P102=-68.5000 ;47.0540  
P103=-68.0000 ;47.0270  
P104=-67.7910 ;47.0000  
P105=-67.5000 ;46.9520  
P106=-67.0000 ;46.8260  
P107=-66.5000 ;46.6500  
P108=-66.1720 ;46.5000  
P109=-66.0000 ;46.3890  
P110=-65.7730 ;46.1945  
P111=-65.5460 ;46.0000  
P112=-65.5000 ;45.9300  
[C6]  
gain=-6.00  
n\_point=102  
P1=-67.0000 ;45.2900  
P2=-66.8960 ;45.1450  
P3=-66.7920 ;45.0000  
P4=-66.7150 ;44.7500  
P5=-66.6380 ;44.5000  
P6=-66.6415 ;44.2500

P7=-66.6450 ;44.0000  
P8=-66.7125 ;43.7500  
P9=-66.7800 ;43.5000  
P10=-66.8835 ;43.2500  
P11=-66.9870 ;43.0000  
P12=-67.0000 ;42.9780  
P13=-67.1395 ;42.7390  
P14=-67.2790 ;42.5000  
P15=-67.3895 ;42.3430  
P16=-67.5000 ;42.1860  
P17=-67.6340 ;42.0000  
P18=-67.8170 ;41.7835  
P19=-68.0000 ;41.5670  
P20=-68.0580 ;41.5000  
P21=-68.2790 ;41.2740  
P22=-68.5000 ;41.0480  
P23=-68.5480 ;41.0000  
P24=-68.7740 ;40.8045  
P25=-69.0000 ;40.6090  
P26=-69.1310 ;40.5000  
P27=-69.3155 ;40.3650  
P28=-69.5000 ;40.2300  
P29=-69.6640 ;40.1150  
P30=-69.8280 ;40.0000  
P31=-70.0000 ;39.8910  
P32=-70.2500 ;39.7470  
P33=-70.5000 ;39.6030  
P34=-70.7020 ;39.5000  
P35=-71.0000 ;39.3700  
P36=-71.2500 ;39.2770  
P37=-71.5000 ;39.1840  
P38=-71.7500 ;39.1100  
P39=-72.0000 ;39.0360  
P40=-72.1880 ;39.0000  
P41=-72.5000 ;38.9510  
P42=-72.7500 ;38.9375  
P43=-73.0000 ;38.9240  
P44=-73.2500 ;38.9405  
P45=-73.5000 ;38.9570  
P46=-73.7170 ;39.0000  
P47=-74.0000 ;39.0760  
P48=-74.2500 ;39.1875  
P49=-74.5000 ;39.2990  
P50=-74.8160 ;39.5000  
P51=-75.0000 ;39.6730  
P52=-75.1285 ;39.8365  
P53=-75.2570 ;40.0000  
P54=-75.3705 ;40.2500  
P55=-75.4840 ;40.5000  
P56=-75.5000 ;40.6070  
P57=-75.5220 ;40.8035  
P58=-75.5440 ;41.0000  
P59=-75.5275 ;41.2500  
P60=-75.5110 ;41.5000  
P61=-75.5000 ;41.5440  
P62=-75.4355 ;41.7720  
P63=-75.3710 ;42.0000

P64=-75.2640 ;42.2500  
P65=-75.1570 ;42.5000  
P66=-75.0000 ;42.7820  
P67=-74.8640 ;43.0000  
P68=-74.6820 ;43.2465  
P69=-74.5000 ;43.4930  
P70=-74.4940 ;43.5000  
P71=-74.2595 ;43.7500  
P72=-74.0250 ;44.0000  
P73=-74.0000 ;44.0230  
P74=-73.7500 ;44.2370  
P75=-73.5000 ;44.4510  
P76=-73.4360 ;44.5000  
P77=-73.2180 ;44.6550  
P78=-73.0000 ;44.8100  
P79=-72.7060 ;45.0000  
P80=-72.5000 ;45.1170  
P81=-72.2500 ;45.2430  
P82=-72.0000 ;45.3690  
P83=-71.7030 ;45.5000  
P84=-71.5000 ;45.5810  
P85=-71.2500 ;45.6640  
P86=-71.0000 ;45.7470  
P87=-70.7500 ;45.8135  
P88=-70.5000 ;45.8800  
P89=-70.2500 ;45.9280  
P90=-70.0000 ;45.9760  
P91=-69.7800 ;46.0000  
P92=-69.5000 ;46.0270  
P93=-69.2500 ;46.0300  
P94=-69.0000 ;46.0330  
P95=-68.5500 ;46.0000  
P96=-68.5000 ;45.9950  
P97=-68.2500 ;45.9380  
P98=-68.0000 ;45.8810  
P99=-67.7500 ;45.7790  
P100=-67.5000 ;45.6770  
P101=-67.2070 ;45.5000  
P102=-67.0000 ;45.2900  
[C7]  
gain=-4.00  
n\_point=92  
P1=-68.0000 ;44.9020  
P2=-67.8390 ;44.7010  
P3=-67.6780 ;44.5000  
P4=-67.6050 ;44.2500  
P5=-67.5320 ;44.0000  
P6=-67.5585 ;43.7500  
P7=-67.5850 ;43.5000  
P8=-67.6710 ;43.2500  
P9=-67.7570 ;43.0000  
P10=-67.8785 ;42.7515  
P11=-68.0000 ;42.5030  
P12=-68.0020 ;42.5000  
P13=-68.1193 ;42.3333  
P14=-68.2367 ;42.1667  
P15=-68.3540 ;42.0000

P16=-68.5000 ;41.8290  
P17=-68.6455 ;41.6645  
P18=-68.7910 ;41.5000  
P19=-69.0000 ;41.2930  
P20=-69.1545 ;41.1465  
P21=-69.3090 ;41.0000  
P22=-69.5000 ;40.8450  
P23=-69.7245 ;40.6725  
P24=-69.9490 ;40.5000  
P25=-70.0000 ;40.4660  
P26=-70.2500 ;40.3165  
P27=-70.5000 ;40.1670  
P28=-70.6535 ;40.0835  
P29=-70.8070 ;40.0000  
P30=-71.0000 ;39.9090  
P31=-71.2500 ;39.8140  
P32=-71.5000 ;39.7190  
P33=-71.7500 ;39.6475  
P34=-72.0000 ;39.5760  
P35=-72.2320 ;39.5380  
P36=-72.4640 ;39.5000  
P37=-72.5000 ;39.4950  
P38=-72.7500 ;39.4925  
P39=-73.0000 ;39.4900  
P40=-73.0760 ;39.5000  
P41=-73.2880 ;39.5375  
P42=-73.5000 ;39.5750  
P43=-73.7500 ;39.6750  
P44=-74.0000 ;39.7750  
P45=-74.1695 ;39.8875  
P46=-74.3390 ;40.0000  
P47=-74.5000 ;40.1660  
P48=-74.6140 ;40.3330  
P49=-74.7280 ;40.5000  
P50=-74.7925 ;40.7500  
P51=-74.8570 ;41.0000  
P52=-74.8580 ;41.2500  
P53=-74.8590 ;41.5000  
P54=-74.7945 ;41.7500  
P55=-74.7300 ;42.0000  
P56=-74.6275 ;42.2500  
P57=-74.5250 ;42.5000  
P58=-74.5000 ;42.5420  
P59=-74.3460 ;42.7710  
P60=-74.1920 ;43.0000  
P61=-74.0960 ;43.1205  
P62=-74.0000 ;43.2410  
P63=-73.8855 ;43.3705  
P64=-73.7710 ;43.5000  
P65=-73.6355 ;43.6305  
P66=-73.5000 ;43.7610  
P67=-73.3615 ;43.8805  
P68=-73.2230 ;44.0000  
P69=-73.0000 ;44.1680  
P70=-72.7575 ;44.3340  
P71=-72.5150 ;44.5000  
P72=-72.5000 ;44.5090

P73=-72.2500 ;44.6395  
P74=-72.0000 ;44.7700  
P75=-71.7510 ;44.8850  
P76=-71.5020 ;45.0000  
P77=-71.5000 ;45.0010  
P78=-71.2500 ;45.0780  
P79=-71.0000 ;45.1550  
P80=-70.7500 ;45.2125  
P81=-70.5000 ;45.2700  
P82=-70.2500 ;45.3055  
P83=-70.0000 ;45.3410  
P84=-69.7500 ;45.3505  
P85=-69.5000 ;45.3600  
P86=-69.2500 ;45.3375  
P87=-69.0000 ;45.3150  
P88=-68.7500 ;45.2510  
P89=-68.5000 ;45.1870  
P90=-68.3095 ;45.0935  
P91=-68.1190 ;45.0000  
P92=-68.0000 ;44.9020  
[C8]  
gain=-2.00  
n\_point=83  
P1=-69.0000 ;44.0920  
P2=-68.9080 ;44.0000  
P3=-68.8473 ;43.8333  
P4=-68.7867 ;43.6667  
P5=-68.7260 ;43.5000  
P6=-68.7467 ;43.3333  
P7=-68.7673 ;43.1667  
P8=-68.7880 ;43.0000  
P9=-68.8513 ;42.8333  
P10=-68.9147 ;42.6667  
P11=-68.9780 ;42.5000  
P12=-69.0000 ;42.4660  
P13=-69.1060 ;42.3107  
P14=-69.2120 ;42.1553  
P15=-69.3180 ;42.0000  
P16=-69.4090 ;41.8990  
P17=-69.5000 ;41.7980  
P18=-69.6435 ;41.6490  
P19=-69.7870 ;41.5000  
P20=-69.8935 ;41.4075  
P21=-70.0000 ;41.3150  
P22=-70.1307 ;41.2100  
P23=-70.2613 ;41.1050  
P24=-70.3920 ;41.0000  
P25=-70.5000 ;40.9300  
P26=-70.6667 ;40.8387  
P27=-70.8333 ;40.7473  
P28=-71.0000 ;40.6560  
P29=-71.1750 ;40.5780  
P30=-71.3500 ;40.5000  
P31=-71.5000 ;40.4430  
P32=-71.6667 ;40.4027  
P33=-71.8333 ;40.3623  
P34=-72.0000 ;40.3220



P35=-72.1667 ;40.3070  
P36=-72.3333 ;40.2920  
P37=-72.5000 ;40.2770  
P38=-72.6667 ;40.2980  
P39=-72.8333 ;40.3190  
P40=-73.0000 ;40.3400  
P41=-73.2035 ;40.4200  
P42=-73.4070 ;40.5000  
P43=-73.5000 ;40.5630  
P44=-73.6143 ;40.7087  
P45=-73.7287 ;40.8543  
P46=-73.8430 ;41.0000  
P47=-73.8793 ;41.1667  
P48=-73.9157 ;41.3333  
P49=-73.9520 ;41.5000  
P50=-73.9167 ;41.6667  
P51=-73.8813 ;41.8333  
P52=-73.8460 ;42.0000  
P53=-73.7743 ;42.1667  
P54=-73.7027 ;42.3333  
P55=-73.6310 ;42.5000  
P56=-73.5655 ;42.5935  
P57=-73.5000 ;42.6870  
P58=-73.3735 ;42.8435  
P59=-73.2470 ;43.0000  
P60=-73.1235 ;43.1265  
P61=-73.0000 ;43.2530  
P62=-72.8620 ;43.3765  
P63=-72.7240 ;43.5000  
P64=-72.6120 ;43.5815  
P65=-72.5000 ;43.6630  
P66=-72.3333 ;43.7673  
P67=-72.1667 ;43.8717  
P68=-72.0000 ;43.9760  
P69=-71.9510 ;44.0000  
P70=-71.7255 ;44.0945  
P71=-71.5000 ;44.1890  
P72=-71.3333 ;44.2423  
P73=-71.1667 ;44.2957  
P74=-71.0000 ;44.3490  
P75=-70.7500 ;44.3980  
P76=-70.5000 ;44.4470  
P77=-70.2500 ;44.4555  
P78=-70.0000 ;44.4640  
P79=-69.7500 ;44.4160  
P80=-69.5000 ;44.3680  
P81=-69.3333 ;44.2760  
P82=-69.1667 ;44.1840  
P83=-69.0000 ;44.0920  
[C9]  
gain=-30.00  
n\_point=75  
P1=-78.0000 ;38.5990  
P2=-78.0260 ;38.6563  
P3=-78.0520 ;38.7136  
P4=-78.0780 ;38.7709  
P5=-78.1040 ;38.8281

P6=-78.1300 ;38.8854  
P7=-78.1560 ;38.9427  
P8=-78.1820 ;39.0000  
P9=-78.2141 ;39.0556  
P10=-78.2462 ;39.1111  
P11=-78.2783 ;39.1667  
P12=-78.3104 ;39.2222  
P13=-78.3426 ;39.2778  
P14=-78.3747 ;39.3333  
P15=-78.4068 ;39.3889  
P16=-78.4389 ;39.4444  
P17=-78.4710 ;39.5000  
P18=-78.4855 ;39.5315  
P19=-78.5000 ;39.5630  
P20=-78.5714 ;39.5749  
P21=-78.6429 ;39.5867  
P22=-78.7143 ;39.5986  
P23=-78.7857 ;39.6104  
P24=-78.8571 ;39.6223  
P25=-78.9286 ;39.6341  
P26=-79.0000 ;39.6460  
P27=-79.0287 ;39.5973  
P28=-79.0573 ;39.5487  
P29=-79.0860 ;39.5000  
P30=-79.1022 ;39.4375  
P31=-79.1185 ;39.3750  
P32=-79.1348 ;39.3125  
P33=-79.1510 ;39.2500  
P34=-79.1673 ;39.1875  
P35=-79.1835 ;39.1250  
P36=-79.1998 ;39.0625  
P37=-79.2160 ;39.0000  
P38=-79.1989 ;38.9375  
P39=-79.1818 ;38.8750  
P40=-79.1646 ;38.8125  
P41=-79.1475 ;38.7500  
P42=-79.1304 ;38.6875  
P43=-79.1133 ;38.6250  
P44=-79.0961 ;38.5625  
P45=-79.0790 ;38.5000  
P46=-79.0395 ;38.4545  
P47=-79.0000 ;38.4090  
P48=-78.9496 ;38.3636  
P49=-78.8991 ;38.3181  
P50=-78.8487 ;38.2727  
P51=-78.7982 ;38.2272  
P52=-78.7478 ;38.1818  
P53=-78.6973 ;38.1363  
P54=-78.6469 ;38.0909  
P55=-78.5965 ;38.0454  
P56=-78.5460 ;38.0000  
P57=-78.5000 ;37.9720  
P58=-78.4286 ;37.9729  
P59=-78.3571 ;37.9737  
P60=-78.2857 ;37.9746  
P61=-78.2143 ;37.9754  
P62=-78.1429 ;37.9763

P63=-78.0714 ;37.9771  
P64=-78.0000 ;37.9780  
P65=-77.9770 ;38.0000  
P66=-77.9735 ;38.0625  
P67=-77.9700 ;38.1250  
P68=-77.9665 ;38.1875  
P69=-77.9630 ;38.2500  
P70=-77.9595 ;38.3125  
P71=-77.9560 ;38.3750  
P72=-77.9525 ;38.4375  
P73=-77.9490 ;38.5000  
P74=-77.9745 ;38.5495  
P75=-78.0000 ;38.5990

[C10]

gain=-20.00

n\_point=75

P1=-75.5000 ;35.7030  
P2=-75.4277 ;35.6353  
P3=-75.3553 ;35.5677  
P4=-75.2830 ;35.5000  
P5=-75.3138 ;35.4167  
P6=-75.3447 ;35.3333  
P7=-75.3755 ;35.2500  
P8=-75.4063 ;35.1667  
P9=-75.4372 ;35.0833  
P10=-75.4680 ;35.0000  
P11=-75.5000 ;34.9820  
P12=-75.6000 ;34.9436  
P13=-75.7000 ;34.9052  
P14=-75.8000 ;34.8668  
P15=-75.9000 ;34.8284  
P16=-76.0000 ;34.7900  
P17=-76.1000 ;34.7742  
P18=-76.2000 ;34.7584  
P19=-76.3000 ;34.7426  
P20=-76.4000 ;34.7268  
P21=-76.5000 ;34.7110  
P22=-76.6000 ;34.7190  
P23=-76.7000 ;34.7270  
P24=-76.8000 ;34.7350  
P25=-76.9000 ;34.7430  
P26=-77.0000 ;34.7510  
P27=-77.1000 ;34.7818  
P28=-77.2000 ;34.8126  
P29=-77.3000 ;34.8434  
P30=-77.4000 ;34.8742  
P31=-77.5000 ;34.9050  
P32=-77.5895 ;34.9525  
P33=-77.6790 ;35.0000  
P34=-77.7432 ;35.0708  
P35=-77.8074 ;35.1416  
P36=-77.8716 ;35.2124  
P37=-77.9358 ;35.2832  
P38=-78.0000 ;35.3540  
P39=-78.0470 ;35.4270  
P40=-78.0940 ;35.5000  
P41=-78.0973 ;35.5833

P42=-78.1007 ;35.6667  
P43=-78.1040 ;35.7500  
P44=-78.1073 ;35.8333  
P45=-78.1107 ;35.9167  
P46=-78.1140 ;36.0000  
P47=-78.0570 ;36.0625  
P48=-78.0000 ;36.1250  
P49=-77.9000 ;36.1604  
P50=-77.8000 ;36.1958  
P51=-77.7000 ;36.2312  
P52=-77.6000 ;36.2666  
P53=-77.5000 ;36.3020  
P54=-77.4000 ;36.2984  
P55=-77.3000 ;36.2948  
P56=-77.2000 ;36.2912  
P57=-77.1000 ;36.2876  
P58=-77.0000 ;36.2840  
P59=-76.9000 ;36.2660  
P60=-76.8000 ;36.2480  
P61=-76.7000 ;36.2300  
P62=-76.6000 ;36.2120  
P63=-76.5000 ;36.1940  
P64=-76.4000 ;36.1642  
P65=-76.3000 ;36.1344  
P66=-76.2000 ;36.1046  
P67=-76.1000 ;36.0748  
P68=-76.0000 ;36.0450  
P69=-75.9475 ;36.0225  
P70=-75.8950 ;36.0000  
P71=-75.8160 ;35.9406  
P72=-75.7370 ;35.8812  
P73=-75.6580 ;35.8218  
P74=-75.5790 ;35.7624  
P75=-75.5000 ;35.7030

[C11]

gain=-30.00

n\_point=89

P1=-76.0000 ;31.7870  
P2=-75.7810 ;31.6435  
P3=-75.5620 ;31.5000  
P4=-75.6670 ;31.2500  
P5=-75.7720 ;31.0000  
P6=-76.0000 ;30.9040  
P7=-76.2500 ;30.7995  
P8=-76.5000 ;30.6950  
P9=-76.7500 ;30.5985  
P10=-77.0000 ;30.5020  
P11=-77.0060 ;30.5000  
P12=-77.2530 ;30.4645  
P13=-77.5000 ;30.4290  
P14=-77.7500 ;30.4050  
P15=-78.0000 ;30.3810  
P16=-78.2500 ;30.3725  
P17=-78.5000 ;30.3640  
P18=-78.7500 ;30.3750  
P19=-79.0000 ;30.3860  
P20=-79.2500 ;30.4150

P21=-79.5000 ;30.4440  
P22=-79.7500 ;30.5000  
P23=-80.0000 ;30.5840  
P24=-80.2500 ;30.6885  
P25=-80.5000 ;30.7930  
P26=-80.7105 ;30.8965  
P27=-80.9210 ;31.0000  
P28=-81.0000 ;31.0500  
P29=-81.1667 ;31.1697  
P30=-81.3333 ;31.2893  
P31=-81.5000 ;31.4090  
P32=-81.6050 ;31.5000  
P33=-81.8025 ;31.7040  
P34=-82.0000 ;31.9080  
P35=-82.0800 ;32.0000  
P36=-82.2097 ;32.1667  
P37=-82.3393 ;32.3333  
P38=-82.4690 ;32.5000  
P39=-82.5000 ;32.5490  
P40=-82.6190 ;32.7745  
P41=-82.7380 ;33.0000  
P42=-82.8605 ;33.2500  
P43=-82.9830 ;33.5000  
P44=-83.0000 ;33.5430  
P45=-83.0715 ;33.7715  
P46=-83.1430 ;34.0000  
P47=-83.1795 ;34.2500  
P48=-83.2160 ;34.5000  
P49=-83.2120 ;34.7500  
P50=-83.2080 ;35.0000  
P51=-83.1075 ;35.2500  
P52=-83.0070 ;35.5000  
P53=-83.0000 ;35.5070  
P54=-82.7500 ;35.5035  
P55=-82.5000 ;35.5000  
P56=-82.4990 ;35.5000  
P57=-82.2495 ;35.3640  
P58=-82.0000 ;35.2280  
P59=-81.8650 ;35.1140  
P60=-81.7300 ;35.0000  
P61=-81.5000 ;34.8290  
P62=-81.2910 ;34.6645  
P63=-81.0820 ;34.5000  
P64=-81.0000 ;34.4340  
P65=-80.8360 ;34.2893  
P66=-80.6720 ;34.1447  
P67=-80.5080 ;34.0000  
P68=-80.5000 ;33.9940  
P69=-80.3333 ;33.8713  
P70=-80.1667 ;33.7487  
P71=-80.0000 ;33.6260  
P72=-79.7400 ;33.5000  
P73=-79.5000 ;33.3600  
P74=-79.2500 ;33.2515  
P75=-79.0000 ;33.1430  
P76=-78.7210 ;33.0000  
P77=-78.5000 ;32.8940

P78=-78.2500 ;32.8060  
P79=-78.0000 ;32.7180  
P80=-77.7740 ;32.6090  
P81=-77.5480 ;32.5000  
P82=-77.5000 ;32.4780  
P83=-77.2500 ;32.3695  
P84=-77.0000 ;32.2610  
P85=-76.7500 ;32.1655  
P86=-76.5000 ;32.0700  
P87=-76.2930 ;32.0000  
P88=-76.1465 ;31.8935  
P89=-76.0000 ;31.7870  
[C12]  
gain=-30.00  
n\_point=83  
P1=-80.0000 ;28.0890  
P2=-79.8450 ;28.0000  
P3=-80.0000 ;27.9380  
P4=-80.1667 ;27.9060  
P5=-80.3333 ;27.8740  
P6=-80.5000 ;27.8420  
P7=-80.6667 ;27.8427  
P8=-80.8333 ;27.8433  
P9=-81.0000 ;27.8440  
P10=-81.1667 ;27.8630  
P11=-81.3333 ;27.8820  
P12=-81.5000 ;27.9010  
P13=-81.6667 ;27.9330  
P14=-81.8333 ;27.9650  
P15=-82.0000 ;27.9970  
P16=-82.0100 ;28.0000  
P17=-82.1733 ;28.0750  
P18=-82.3367 ;28.1500  
P19=-82.5000 ;28.2250  
P20=-82.6667 ;28.2977  
P21=-82.8333 ;28.3703  
P22=-83.0000 ;28.4430  
P23=-83.1100 ;28.5000  
P24=-83.2400 ;28.5933  
P25=-83.3700 ;28.6867  
P26=-83.5000 ;28.7800  
P27=-83.6430 ;28.8900  
P28=-83.7860 ;29.0000  
P29=-83.8930 ;29.1025  
P30=-84.0000 ;29.2050  
P31=-84.0953 ;29.3033  
P32=-84.1907 ;29.4017  
P33=-84.2860 ;29.5000  
P34=-84.3930 ;29.6365  
P35=-84.5000 ;29.7730  
P36=-84.5775 ;29.8865  
P37=-84.6550 ;30.0000  
P38=-84.7423 ;30.1667  
P39=-84.8297 ;30.3333  
P40=-84.9170 ;30.5000  
P41=-84.9585 ;30.6335  
P42=-85.0000 ;30.7670

P43=-85.0270 ;30.8835  
P44=-85.0540 ;31.0000  
P45=-85.0000 ;31.1760  
P46=-84.8333 ;31.1830  
P47=-84.6667 ;31.1900  
P48=-84.5000 ;31.1970  
P49=-84.3500 ;31.0985  
P50=-84.2000 ;31.0000  
P51=-84.1000 ;30.9295  
P52=-84.0000 ;30.8590  
P53=-83.8367 ;30.7393  
P54=-83.6733 ;30.6197  
P55=-83.5100 ;30.5000  
P56=-83.5000 ;30.4930  
P57=-83.3750 ;30.3890  
P58=-83.2500 ;30.2850  
P59=-83.1250 ;30.1810  
P60=-83.0000 ;30.0770  
P61=-82.8810 ;30.0000  
P62=-82.7540 ;29.8943  
P63=-82.6270 ;29.7887  
P64=-82.5000 ;29.6830  
P65=-82.3570 ;29.5915  
P66=-82.2140 ;29.5000  
P67=-82.1070 ;29.4190  
P68=-82.0000 ;29.3380  
P69=-81.8333 ;29.2467  
P70=-81.6667 ;29.1553  
P71=-81.5000 ;29.0640  
P72=-81.3370 ;29.0000  
P73=-81.2247 ;28.9170  
P74=-81.1123 ;28.8340  
P75=-81.0000 ;28.7510  
P76=-80.8333 ;28.6747  
P77=-80.6667 ;28.5983  
P78=-80.5000 ;28.5220  
P79=-80.4410 ;28.5000  
P80=-80.3307 ;28.3973  
P81=-80.2205 ;28.2945  
P82=-80.1103 ;28.1917  
P83=-80.0000 ;28.0890