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sat_name=USABSS-21
long_nom=-101.0000
n_diag=1
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beam_id=CB15
emi_rcp=E
polar_disc=C
reason=B
n_bore=1
n_cont=20
[B1]
gain=0.00
p=-81.2280;26.2220
[C1]
gain=-2.00
n_point=78
P1=-80.0000 ;27.4350
P2=-79.9458 ;27.3263
P3=-79.8915 ;27.2175
P4=-79.8372 ;27.1088
P5=-79.7830 ;27.0000
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P7=-79.7685 ;26.7500
P8=-79.7613 ;26.6250
P9=-79.7540 ;26.5000
P10=-79.7795 ;26.3750
P11=-79.8050 ;26.2500
P12=-79.8305 ;26.1250
P13=-79.8560 ;26.0000
P14=-79.9040 ;25.8877
P15=-79.9520 ;25.7753
P16=-80.0000 ;25.6630
P17=-80.0465 ;25.5815
P18=-80.0930 ;25.5000
P19=-80.1744 ;25.4016
P20=-80.2558 ;25.3032
P21=-80.3372 ;25.2048
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P23=-80.5000 ;25.0080
P24=-80.5100 ;25.0000
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P26=-80.7550 ;24.8475
P27=-80.8775 ;24.7712
P28=-81.0000 ;24.6950
P29=-81.1250 ;24.6530
P30=-81.2500 ;24.6110
P31=-81.3750 ;24.5690
P32=-81.5000 ;24.5270
P33=-81.6250 ;24.5460
P34=-81.7500 ;24.5650
P35=-81.8750 ;24.5840
P36=-82.0000 ;24.6030
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P37=-82.0908 ;24.6824  
P38=-82.1816 ;24.7618  
P39=-82.2724 ;24.8412  
P40=-82.3632 ;24.9206  
P41=-82.4540 ;25.0000  
P42=-82.5000 ;25.1110  
P43=-82.5270 ;25.2407  
P44=-82.5540 ;25.3703  
P45=-82.5810 ;25.5000  
P46=-82.5703 ;25.6250  
P47=-82.5595 ;25.7500  
P48=-82.5488 ;25.8750  
P49=-82.5380 ;26.0000  
P50=-82.5000 ;26.1290  
P51=-82.4513 ;26.2527  
P52=-82.4027 ;26.3763  
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P54=-82.2904 ;26.6000  
P55=-82.2268 ;26.7000  
P56=-82.1632 ;26.8000  
P57=-82.0996 ;26.9000  
P58=-82.0360 ;27.0000  
P59=-82.0000 ;27.0440  
P60=-81.9000 ;27.1300  
P61=-81.8000 ;27.2160  
P62=-81.7000 ;27.3020  
P63=-81.6000 ;27.3880  
P64=-81.5000 ;27.4740  
P65=-81.4480 ;27.5000  
P66=-81.3360 ;27.5443  
P67=-81.2240 ;27.5885  
P68=-81.1120 ;27.6327  
P69=-81.0000 ;27.6770  
P70=-80.8750 ;27.6828  
P71=-80.7500 ;27.6885  
P72=-80.6250 ;27.6943  
P73=-80.5000 ;27.7000  
P74=-80.3940 ;27.6500  
P75=-80.2880 ;27.6000  
P76=-80.1820 ;27.5500  
P77=-80.0760 ;27.5000  
P78=-80.0000 ;27.4350  
[C2]  
gain=-4.00  
n\_point=84  
P1=-79.5000 ;27.9770  
P2=-79.4180 ;27.8180  
P3=-79.3360 ;27.6590  
P4=-79.2540 ;27.5000  
P5=-79.2200 ;27.3333  
P6=-79.1860 ;27.1667  
P7=-79.1520 ;27.0000  
P8=-79.1610 ;26.8333  
P9=-79.1700 ;26.6667  
P10=-79.1790 ;26.5000  
P11=-79.2190 ;26.3333  
P12=-79.2590 ;26.1667

P13=-79.2990 ;26.0000  
P14=-79.3660 ;25.8343  
P15=-79.4330 ;25.6687  
P16=-79.5000 ;25.5030  
P17=-79.5010 ;25.5000  
P18=-79.5865 ;25.3750  
P19=-79.6720 ;25.2500  
P20=-79.7575 ;25.1250  
P21=-79.8430 ;25.0000  
P22=-79.9215 ;24.9070  
P23=-80.0000 ;24.8140  
P24=-80.1100 ;24.7093  
P25=-80.2200 ;24.6047  
P26=-80.3300 ;24.5000  
P27=-80.4150 ;24.4335  
P28=-80.5000 ;24.3670  
P29=-80.6667 ;24.2717  
P30=-80.8333 ;24.1763  
P31=-81.0000 ;24.0810  
P32=-81.1270 ;24.0405  
P33=-81.2540 ;24.0000  
P34=-81.3770 ;23.9685  
P35=-81.5000 ;23.9370  
P36=-81.6667 ;23.9313  
P37=-81.8333 ;23.9257  
P38=-82.0000 ;23.9200  
P39=-82.1405 ;23.9600  
P40=-82.2810 ;24.0000  
P41=-82.3905 ;24.0480  
P42=-82.5000 ;24.0960  
P43=-82.6393 ;24.2307  
P44=-82.7787 ;24.3653  
P45=-82.9180 ;24.5000  
P46=-83.0000 ;24.6710  
P47=-83.0480 ;24.8355  
P48=-83.0960 ;25.0000  
P49=-83.1087 ;25.1667  
P50=-83.1213 ;25.3333  
P51=-83.1340 ;25.5000  
P52=-83.1130 ;25.6667  
P53=-83.0920 ;25.8333  
P54=-83.0710 ;26.0000  
P55=-83.0355 ;26.1255  
P56=-83.0000 ;26.2510  
P57=-82.9535 ;26.3755  
P58=-82.9070 ;26.5000  
P59=-82.8177 ;26.6667  
P60=-82.7283 ;26.8333  
P61=-82.6390 ;27.0000  
P62=-82.5695 ;27.1050  
P63=-82.5000 ;27.2100  
P64=-82.3775 ;27.3550  
P65=-82.2550 ;27.5000  
P66=-82.1275 ;27.6255  
P67=-82.0000 ;27.7510  
P68=-81.8877 ;27.8340  
P69=-81.7753 ;27.9170

P70=-81.6630 ;28.0000  
P71=-81.5000 ;28.1040  
P72=-81.3333 ;28.1703  
P73=-81.1667 ;28.2367  
P74=-81.0000 ;28.3030  
P75=-80.8333 ;28.3290  
P76=-80.6667 ;28.3550  
P77=-80.5000 ;28.3810  
P78=-80.3333 ;28.3537  
P79=-80.1667 ;28.3263  
P80=-80.0000 ;28.2990  
P81=-79.8407 ;28.1993  
P82=-79.6813 ;28.0997  
P83=-79.5220 ;28.0000  
P84=-79.5000 ;27.9770  
[C3]  
gain=-6.00  
n\_point=88  
P1=-79.0000 ;28.1660  
P2=-78.9070 ;28.0000  
P3=-78.8603 ;27.8333  
P4=-78.8137 ;27.6667  
P5=-78.7670 ;27.5000  
P6=-78.7513 ;27.3333  
P7=-78.7357 ;27.1667  
P8=-78.7200 ;27.0000  
P9=-78.7373 ;26.8333  
P10=-78.7547 ;26.6667  
P11=-78.7720 ;26.5000  
P12=-78.8113 ;26.3333  
P13=-78.8507 ;26.1667  
P14=-78.8900 ;26.0000  
P15=-78.9450 ;25.8495  
P16=-79.0000 ;25.6990  
P17=-79.0890 ;25.5000  
P18=-79.1853 ;25.3333  
P19=-79.2817 ;25.1667  
P20=-79.3780 ;25.0000  
P21=-79.5000 ;24.8280  
P22=-79.6410 ;24.6640  
P23=-79.7820 ;24.5000  
P24=-79.8910 ;24.3940  
P25=-80.0000 ;24.2880  
P26=-80.1805 ;24.1440  
P27=-80.3610 ;24.0000  
P28=-80.5000 ;23.9080  
P29=-80.6667 ;23.8237  
P30=-80.8333 ;23.7393  
P31=-81.0000 ;23.6550  
P32=-81.1587 ;23.6033  
P33=-81.3173 ;23.5517  
P34=-81.4760 ;23.5000  
P35=-81.5000 ;23.4940  
P36=-81.7500 ;23.4765  
P37=-82.0000 ;23.4590  
P38=-82.1485 ;23.4795  
P39=-82.2970 ;23.5000

P40=-82.5000 ;23.5430  
P41=-82.6667 ;23.6427  
P42=-82.8333 ;23.7423  
P43=-83.0000 ;23.8420  
P44=-83.1460 ;24.0000  
P45=-83.2407 ;24.1667  
P46=-83.3353 ;24.3333  
P47=-83.4300 ;24.5000  
P48=-83.4650 ;24.6365  
P49=-83.5000 ;24.7730  
P50=-83.5380 ;25.0000  
P51=-83.5383 ;25.1667  
P52=-83.5387 ;25.3333  
P53=-83.5390 ;25.5000  
P54=-83.5195 ;25.6280  
P55=-83.5000 ;25.7560  
P56=-83.4760 ;25.8780  
P57=-83.4520 ;26.0000  
P58=-83.3980 ;26.1667  
P59=-83.3440 ;26.3333  
P60=-83.2900 ;26.5000  
P61=-83.2147 ;26.6667  
P62=-83.1393 ;26.8333  
P63=-83.0640 ;27.0000  
P64=-83.0000 ;27.1160  
P65=-82.8675 ;27.3080  
P66=-82.7350 ;27.5000  
P67=-82.6175 ;27.6440  
P68=-82.5000 ;27.7880  
P69=-82.3925 ;27.8940  
P70=-82.2850 ;28.0000  
P71=-82.1425 ;28.1220  
P72=-82.0000 ;28.2440  
P73=-81.8100 ;28.3720  
P74=-81.6200 ;28.5000  
P75=-81.5000 ;28.5700  
P76=-81.3333 ;28.6357  
P77=-81.1667 ;28.7013  
P78=-81.0000 ;28.7670  
P79=-80.7500 ;28.8160  
P80=-80.5000 ;28.8650  
P81=-80.2500 ;28.8520  
P82=-80.0000 ;28.8390  
P83=-79.8333 ;28.7763  
P84=-79.6667 ;28.7137  
P85=-79.5000 ;28.6510  
P86=-79.3030 ;28.5000  
P87=-79.1515 ;28.3330  
P88=-79.0000 ;28.1660  
[C4]  
gain=-10.00  
n\_point=92  
P1=-78.5000 ;28.7990  
P2=-78.4185 ;28.6495  
P3=-78.3370 ;28.5000  
P4=-78.2515 ;28.2500  
P5=-78.1660 ;28.0000

P6=-78.1300 ;27.7500  
P7=-78.0940 ;27.5000  
P8=-78.0965 ;27.2500  
P9=-78.0990 ;27.0000  
P10=-78.1335 ;26.7500  
P11=-78.1680 ;26.5000  
P12=-78.2300 ;26.2500  
P13=-78.2920 ;26.0000  
P14=-78.3775 ;25.7500  
P15=-78.4630 ;25.5000  
P16=-78.5000 ;25.4150  
P17=-78.6105 ;25.2075  
P18=-78.7210 ;25.0000  
P19=-78.8605 ;24.7765  
P20=-79.0000 ;24.5530  
P21=-79.0390 ;24.5000  
P22=-79.1823 ;24.3333  
P23=-79.3257 ;24.1667  
P24=-79.4690 ;24.0000  
P25=-79.5000 ;23.9690  
P26=-79.6667 ;23.8290  
P27=-79.8333 ;23.6890  
P28=-80.0000 ;23.5490  
P29=-80.0710 ;23.5000  
P30=-80.2855 ;23.3755  
P31=-80.5000 ;23.2510  
P32=-80.7500 ;23.1330  
P33=-81.0000 ;23.0150  
P34=-81.0460 ;23.0000  
P35=-81.2730 ;22.9420  
P36=-81.5000 ;22.8840  
P37=-81.7500 ;22.8550  
P38=-82.0000 ;22.8260  
P39=-82.2500 ;22.8355  
P40=-82.5000 ;22.8450  
P41=-82.7500 ;22.9070  
P42=-83.0000 ;22.9690  
P43=-83.0680 ;23.0000  
P44=-83.2840 ;23.1435  
P45=-83.5000 ;23.2870  
P46=-83.6940 ;23.5000  
P47=-83.8360 ;23.7500  
P48=-83.9780 ;24.0000  
P49=-84.0000 ;24.0680  
P50=-84.0455 ;24.2840  
P51=-84.0910 ;24.5000  
P52=-84.1045 ;24.7500  
P53=-84.1180 ;25.0000  
P54=-84.1040 ;25.2500  
P55=-84.0900 ;25.5000  
P56=-84.0530 ;25.7500  
P57=-84.0160 ;26.0000  
P58=-84.0000 ;26.0680  
P59=-83.9300 ;26.2840  
P60=-83.8600 ;26.5000  
P61=-83.7595 ;26.7500  
P62=-83.6590 ;27.0000

P63=-83.5795 ;27.1695  
P64=-83.5000 ;27.3390  
P65=-83.4030 ;27.5000  
P66=-83.2897 ;27.6667  
P67=-83.1763 ;27.8333  
P68=-83.0630 ;28.0000  
P69=-83.0000 ;28.0810  
P70=-82.8035 ;28.2905  
P71=-82.6070 ;28.5000  
P72=-82.5000 ;28.6010  
P73=-82.3333 ;28.7307  
P74=-82.1667 ;28.8603  
P75=-82.0000 ;28.9900  
P76=-81.9840 ;29.0000  
P77=-81.7420 ;29.1260  
P78=-81.5000 ;29.2520  
P79=-81.2500 ;29.3520  
P80=-81.0000 ;29.4520  
P81=-80.8050 ;29.5000  
P82=-80.5000 ;29.5630  
P83=-80.2500 ;29.5730  
P84=-80.0000 ;29.5830  
P85=-79.7500 ;29.5475  
P86=-79.5000 ;29.5120  
P87=-79.4640 ;29.5000  
P88=-79.2320 ;29.3910  
P89=-79.0000 ;29.2820  
P90=-78.8335 ;29.1410  
P91=-78.6670 ;29.0000  
P92=-78.5000 ;28.7990

[C5]

gain=-30.00

n\_point=112

P1=-74.5000 ;31.4380  
P2=-74.3740 ;31.0000  
P3=-74.2580 ;30.5000  
P4=-74.1840 ;30.0000  
P5=-74.1550 ;29.5000  
P6=-74.1960 ;29.0000  
P7=-74.2440 ;28.5000  
P8=-74.3780 ;28.0000  
P9=-74.4970 ;27.5000  
P10=-74.5000 ;27.4880  
P11=-74.7480 ;27.0000  
P12=-74.9650 ;26.5000  
P13=-75.0000 ;26.4180  
P14=-75.3140 ;26.0000  
P15=-75.5000 ;25.5990  
P16=-75.5840 ;25.5000  
P17=-75.8590 ;25.0000  
P18=-76.0000 ;24.5840  
P19=-76.0420 ;24.5000  
P20=-76.2960 ;24.0000  
P21=-76.5000 ;23.5280  
P22=-76.5170 ;23.5000  
P23=-76.8470 ;23.0000  
P24=-77.0000 ;22.7890

P25=-77.2460 ;22.5000  
P26=-77.5000 ;22.2210  
P27=-77.7240 ;22.0000  
P28=-78.0000 ;21.7580  
P29=-78.3090 ;21.5000  
P30=-78.5000 ;21.3610  
P31=-78.9550 ;21.0000  
P32=-79.0000 ;20.9710  
P33=-79.5000 ;20.6500  
P34=-79.7000 ;20.5000  
P35=-80.0000 ;20.3320  
P36=-80.4580 ;20.0000  
P37=-80.5000 ;19.9820  
P38=-81.0000 ;19.7610  
P39=-81.4770 ;19.5000  
P40=-81.5000 ;19.4940  
P41=-82.0000 ;19.3680  
P42=-82.5000 ;19.2400  
P43=-83.0000 ;19.1460  
P44=-83.5000 ;19.1050  
P45=-84.0000 ;19.1270  
P46=-84.5000 ;19.2090  
P47=-85.0000 ;19.3610  
P48=-85.2290 ;19.5000  
P49=-85.5000 ;19.6520  
P50=-85.8900 ;20.0000  
P51=-86.0000 ;20.0990  
P52=-86.3320 ;20.5000  
P53=-86.5000 ;20.7280  
P54=-86.6580 ;21.0000  
P55=-86.8880 ;21.5000  
P56=-87.0000 ;21.7760  
P57=-87.0700 ;22.0000  
P58=-87.1640 ;22.5000  
P59=-87.2400 ;23.0000  
P60=-87.2760 ;23.5000  
P61=-87.2910 ;24.0000  
P62=-87.2820 ;24.5000  
P63=-87.2550 ;25.0000  
P64=-87.1890 ;25.5000  
P65=-87.1140 ;26.0000  
P66=-87.0550 ;26.5000  
P67=-87.0000 ;26.7850  
P68=-86.9150 ;27.0000  
P69=-86.7400 ;27.5000  
P70=-86.5770 ;28.0000  
P71=-86.5000 ;28.1820  
P72=-86.3370 ;28.5000  
P73=-86.0940 ;29.0000  
P74=-86.0000 ;29.1540  
P75=-85.7760 ;29.5000  
P76=-85.5000 ;29.8970  
P77=-85.4170 ;30.0000  
P78=-85.0040 ;30.5000  
P79=-85.0000 ;30.5040  
P80=-84.7590 ;30.7520  
P81=-84.5180 ;31.0000



P82=-84.5000 ;31.0180  
P83=-84.0000 ;31.4430  
P84=-83.9260 ;31.5000  
P85=-83.5000 ;31.8090  
P86=-83.2170 ;32.0000  
P87=-83.0000 ;32.1380  
P88=-82.5000 ;32.4260  
P89=-82.3640 ;32.5000  
P90=-82.0000 ;32.6700  
P91=-81.5000 ;32.8930  
P92=-81.2710 ;33.0000  
P93=-81.0000 ;33.0940  
P94=-80.5000 ;33.2550  
P95=-80.0000 ;33.4370  
P96=-79.8300 ;33.5000  
P97=-79.5000 ;33.5740  
P98=-79.0000 ;33.6720  
P99=-78.5000 ;33.7430  
P100=-78.0000 ;33.7720  
P101=-77.5000 ;33.7440  
P102=-77.0000 ;33.6620  
P103=-76.5000 ;33.5230  
P104=-76.4430 ;33.5000  
P105=-76.0000 ;33.2330  
P106=-75.6810 ;33.0000  
P107=-75.5000 ;32.8430  
P108=-75.1540 ;32.5000  
P109=-75.0000 ;32.3060  
P110=-74.8320 ;32.0000  
P111=-74.5290 ;31.5000  
P112=-74.5000 ;31.4380

[C6]

gain=-40.00

n\_point=77

P1=-74.5000 ;33.3440  
P2=-74.5135 ;33.4220  
P3=-74.5270 ;33.5000  
P4=-74.5898 ;33.6250  
P5=-74.6525 ;33.7500  
P6=-74.7152 ;33.8750  
P7=-74.7780 ;34.0000  
P8=-74.8520 ;34.0807  
P9=-74.9260 ;34.1613  
P10=-75.0000 ;34.2420  
P11=-75.0930 ;34.3280  
P12=-75.1860 ;34.4140  
P13=-75.2790 ;34.5000  
P14=-75.3895 ;34.5990  
P15=-75.5000 ;34.6980  
P16=-75.6250 ;34.7545  
P17=-75.7500 ;34.8110  
P18=-75.8750 ;34.8675  
P19=-76.0000 ;34.9240  
P20=-76.1165 ;34.9620  
P21=-76.2330 ;35.0000  
P22=-76.3665 ;35.0620  
P23=-76.5000 ;35.1240

P24=-76.6667 ;35.1433  
P25=-76.8333 ;35.1627  
P26=-77.0000 ;35.1820  
P27=-77.1667 ;35.1977  
P28=-77.3333 ;35.2133  
P29=-77.5000 ;35.2290  
P30=-77.6667 ;35.2230  
P31=-77.8333 ;35.2170  
P32=-78.0000 ;35.2110  
P33=-78.1667 ;35.1790  
P34=-78.3333 ;35.1470  
P35=-78.5000 ;35.1150  
P36=-78.6227 ;35.0767  
P37=-78.7453 ;35.0383  
P38=-78.8680 ;35.0000  
P39=-78.7453 ;34.9037  
P40=-78.6227 ;34.8073  
P41=-78.5000 ;34.7110  
P42=-78.3333 ;34.6723  
P43=-78.1667 ;34.6337  
P44=-78.0000 ;34.5950  
P45=-77.8760 ;34.5475  
P46=-77.7520 ;34.5000  
P47=-77.6260 ;34.4815  
P48=-77.5000 ;34.4630  
P49=-77.3750 ;34.4263  
P50=-77.2500 ;34.3895  
P51=-77.1250 ;34.3527  
P52=-77.0000 ;34.3160  
P53=-76.8333 ;34.2803  
P54=-76.6667 ;34.2447  
P55=-76.5000 ;34.2090  
P56=-76.3687 ;34.1393  
P57=-76.2373 ;34.0697  
P58=-76.1060 ;34.0000  
P59=-76.0000 ;33.9370  
P60=-75.8750 ;33.8780  
P61=-75.7500 ;33.8190  
P62=-75.6250 ;33.7600  
P63=-75.5000 ;33.7010  
P64=-75.3860 ;33.6005  
P65=-75.2720 ;33.5000  
P66=-75.1813 ;33.4140  
P67=-75.0907 ;33.3280  
P68=-75.0000 ;33.2420  
P69=-74.8897 ;33.1815  
P70=-74.7795 ;33.1210  
P71=-74.6693 ;33.0605  
P72=-74.5590 ;33.0000  
P73=-74.5000 ;32.9300  
P74=-74.4300 ;33.0000  
P75=-74.4533 ;33.1147  
P76=-74.4767 ;33.2293  
P77=-74.5000 ;33.3440  
[C7]  
gain=-40.00  
n\_point=78

P1=-78.0000 ;20.7450  
P2=-78.1250 ;20.7108  
P3=-78.2500 ;20.6765  
P4=-78.3750 ;20.6423  
P5=-78.5000 ;20.6080  
P6=-78.5705 ;20.5540  
P7=-78.6410 ;20.5000  
P8=-78.7607 ;20.4287  
P9=-78.8803 ;20.3573  
P10=-79.0000 ;20.2860  
P11=-79.1083 ;20.2145  
P12=-79.2165 ;20.1430  
P13=-79.3248 ;20.0715  
P14=-79.4330 ;20.0000  
P15=-79.5000 ;19.9580  
P16=-79.6250 ;19.9120  
P17=-79.7500 ;19.8660  
P18=-79.8750 ;19.8200  
P19=-80.0000 ;19.7740  
P20=-80.1207 ;19.6827  
P21=-80.2413 ;19.5913  
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P39=-82.2660 ;18.5000  
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P47=-81.1177 ;18.6033  
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P74=-78.0000 ;20.3230  
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P494=-68.0000 ;40.0950  
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P503=-66.1360 ;37.5000  
P504=-66.0000 ;37.0030  
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n\_point=75  
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P12=-78.3360 ;17.5482  
P13=-78.4200 ;17.5000  
P14=-78.4600 ;17.4480  
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P17=-78.7000 ;17.3220  
P18=-78.8000 ;17.2850  
P19=-78.9000 ;17.2480  
P20=-79.0000 ;17.2110  
P21=-79.0817 ;17.1407  
P22=-79.1633 ;17.0703  
P23=-79.2450 ;17.0000  
P24=-79.3088 ;16.9210  
P25=-79.3725 ;16.8420  
P26=-79.4362 ;16.7630  
P27=-79.5000 ;16.6840  
P28=-79.6000 ;16.6512  
P29=-79.7000 ;16.6184  
P30=-79.8000 ;16.5856  
P31=-79.9000 ;16.5528  
P32=-80.0000 ;16.5200  
P33=-80.0290 ;16.5000  
P34=-80.0193 ;16.3850  
P35=-80.0097 ;16.2700  
P36=-80.0000 ;16.1550  
P37=-79.9000 ;16.1802  
P38=-79.8000 ;16.2054  
P39=-79.7000 ;16.2306

P40=-79.6000 ;16.2558  
P41=-79.5000 ;16.2810  
P42=-79.4028 ;16.3248  
P43=-79.3056 ;16.3686  
P44=-79.2084 ;16.4124  
P45=-79.1112 ;16.4562  
P46=-79.0140 ;16.5000  
P47=-79.0000 ;16.5090  
P48=-78.9000 ;16.5710  
P49=-78.8000 ;16.6330  
P50=-78.7000 ;16.6950  
P51=-78.6000 ;16.7570  
P52=-78.5000 ;16.8190  
P53=-78.4293 ;16.8793  
P54=-78.3587 ;16.9397  
P55=-78.2880 ;17.0000  
P56=-78.2160 ;17.0617  
P57=-78.1440 ;17.1235  
P58=-78.0720 ;17.1852  
P59=-78.0000 ;17.2470  
P60=-77.9148 ;17.3103  
P61=-77.8295 ;17.3735  
P62=-77.7442 ;17.4367  
P63=-77.6590 ;17.5000  
P64=-77.6060 ;17.5617  
P65=-77.5530 ;17.6233  
P66=-77.5000 ;17.6850  
P67=-77.4172 ;17.7480  
P68=-77.3344 ;17.8110  
P69=-77.2516 ;17.8740  
P70=-77.1688 ;17.9370  
P71=-77.0860 ;18.0000  
P72=-77.1895 ;18.0448  
P73=-77.2930 ;18.0895  
P74=-77.3965 ;18.1342  
P75=-77.5000 ;18.1790  
[C10]  
gain=-50.00  
n\_point=69  
P1=-76.0000 ;19.0530  
P2=-76.0403 ;19.0442  
P3=-76.0807 ;19.0353  
P4=-76.1210 ;19.0265  
P5=-76.1613 ;19.0177  
P6=-76.2017 ;19.0088  
P7=-76.2420 ;19.0000  
P8=-76.2789 ;18.9794  
P9=-76.3157 ;18.9589  
P10=-76.3526 ;18.9383  
P11=-76.3894 ;18.9177  
P12=-76.4263 ;18.8971  
P13=-76.4631 ;18.8766  
P14=-76.5000 ;18.8560  
P15=-76.5385 ;18.8342  
P16=-76.5769 ;18.8123  
P17=-76.6154 ;18.7905  
P18=-76.6538 ;18.7686

P19=-76.6923 ;18.7468  
P20=-76.7308 ;18.7249  
P21=-76.7692 ;18.7031  
P22=-76.8077 ;18.6812  
P23=-76.8462 ;18.6594  
P24=-76.8846 ;18.6375  
P25=-76.9231 ;18.6157  
P26=-76.9615 ;18.5938  
P27=-77.0000 ;18.5720  
P28=-77.0277 ;18.5480  
P29=-77.0553 ;18.5240  
P30=-77.0830 ;18.5000  
P31=-77.0726 ;18.4606  
P32=-77.0622 ;18.4212  
P33=-77.0519 ;18.3819  
P34=-77.0415 ;18.3425  
P35=-77.0311 ;18.3031  
P36=-77.0208 ;18.2638  
P37=-77.0104 ;18.2244  
P38=-77.0000 ;18.1850  
P39=-76.9583 ;18.2067  
P40=-76.9167 ;18.2283  
P41=-76.8750 ;18.2500  
P42=-76.8333 ;18.2717  
P43=-76.7917 ;18.2933  
P44=-76.7500 ;18.3150  
P45=-76.7083 ;18.3367  
P46=-76.6667 ;18.3583  
P47=-76.6250 ;18.3800  
P48=-76.5833 ;18.4017  
P49=-76.5417 ;18.4233  
P50=-76.5000 ;18.4450  
P51=-76.4705 ;18.4725  
P52=-76.4410 ;18.5000  
P53=-76.4095 ;18.5340  
P54=-76.3780 ;18.5680  
P55=-76.3465 ;18.6020  
P56=-76.3150 ;18.6360  
P57=-76.2835 ;18.6700  
P58=-76.2520 ;18.7040  
P59=-76.2205 ;18.7380  
P60=-76.1890 ;18.7720  
P61=-76.1575 ;18.8060  
P62=-76.1260 ;18.8400  
P63=-76.0945 ;18.8740  
P64=-76.0630 ;18.9080  
P65=-76.0315 ;18.9420  
P66=-76.0000 ;18.9760  
P67=-75.9760 ;19.0000  
P68=-75.9880 ;19.0265  
P69=-76.0000 ;19.0530  
[C11]  
gain=-50.00  
n\_point=163  
P1=-65.5000 ;32.9930  
P2=-65.8230 ;32.5000  
P3=-65.8670 ;32.0000

P4=-66.0000 ;31.7080  
P5=-66.0050 ;31.5000  
P6=-66.1350 ;31.0000  
P7=-66.3610 ;30.5000  
P8=-66.5000 ;30.3830  
P9=-66.7620 ;30.0000  
P10=-66.8300 ;29.5000  
P11=-67.0000 ;29.1920  
P12=-67.1270 ;29.0000  
P13=-67.2740 ;28.5000  
P14=-67.5000 ;28.0400  
P15=-67.5280 ;28.0000  
P16=-67.7910 ;27.5000  
P17=-67.9430 ;27.0000  
P18=-68.0000 ;26.9570  
P19=-68.2890 ;26.5000  
P20=-68.3800 ;26.0000  
P21=-68.5000 ;25.7270  
P22=-68.6410 ;25.5000  
P23=-68.8230 ;25.0000  
P24=-69.0000 ;24.6420  
P25=-69.0730 ;24.5000  
P26=-69.2330 ;24.0000  
P27=-69.5000 ;23.6200  
P28=-69.5700 ;23.5000  
P29=-69.7990 ;23.0000  
P30=-70.0000 ;22.5060  
P31=-70.0040 ;22.5000  
P32=-70.3580 ;22.0000  
P33=-70.5000 ;21.5090  
P34=-70.5060 ;21.5000  
P35=-70.8330 ;21.0000  
P36=-71.0000 ;20.6240  
P37=-71.0890 ;20.5000  
P38=-71.3750 ;20.0000  
P39=-71.5000 ;19.8520  
P40=-71.7770 ;19.5000  
P41=-72.0000 ;19.2530  
P42=-72.2240 ;19.0000  
P43=-72.5000 ;18.6940  
P44=-72.6900 ;18.5000  
P45=-73.0000 ;18.1610  
P46=-73.1660 ;18.0000  
P47=-73.5000 ;17.6650  
P48=-73.6800 ;17.5000  
P49=-74.0000 ;17.1950  
P50=-74.2220 ;17.0000  
P51=-74.5000 ;16.7600  
P52=-74.7980 ;16.5000  
P53=-75.0000 ;16.3500  
P54=-75.3980 ;16.0000  
P55=-75.5000 ;15.9110  
P56=-75.9550 ;15.5000  
P57=-76.0000 ;15.4670  
P58=-76.5000 ;15.0810  
P59=-76.6090 ;15.0000  
P60=-77.0000 ;14.7290



P61=-77.2870 ;14.5000  
P62=-77.5000 ;14.3320  
P63=-77.9010 ;14.0000  
P64=-78.0000 ;13.9310  
P65=-78.5000 ;13.5330  
P66=-78.5440 ;13.5000  
P67=-79.0000 ;13.2250  
P68=-79.3280 ;13.0000  
P69=-79.5000 ;12.9290  
P70=-80.0000 ;12.7760  
P71=-80.5000 ;12.8920  
P72=-80.8260 ;13.0000  
P73=-81.0000 ;13.0070  
P74=-81.0290 ;13.0000  
P75=-81.5000 ;12.8730  
P76=-82.0000 ;12.8380  
P77=-82.5000 ;12.8600  
P78=-83.0000 ;12.7040  
P79=-83.5000 ;12.5200  
P80=-83.5700 ;12.5000  
P81=-83.5000 ;12.4380  
P82=-83.0000 ;12.0290  
P83=-82.8920 ;12.0000  
P84=-82.5000 ;11.8620  
P85=-82.0000 ;11.6950  
P86=-81.7930 ;11.5000  
P87=-81.5000 ;11.0550  
P88=-81.0000 ;11.1080  
P89=-80.5000 ;11.2100  
P90=-80.0000 ;11.3930  
P91=-79.8050 ;11.5000  
P92=-79.5000 ;11.6300  
P93=-79.0000 ;11.8600  
P94=-78.7930 ;12.0000  
P95=-78.5000 ;12.1550  
P96=-78.0190 ;12.5000  
P97=-78.0000 ;12.5100  
P98=-77.5000 ;12.8090  
P99=-77.2730 ;13.0000  
P100=-77.0000 ;13.1830  
P101=-76.6340 ;13.5000  
P102=-76.5000 ;13.6000  
P103=-76.0700 ;14.0000  
P104=-76.0000 ;14.0430  
P105=-75.5200 ;14.5000  
P106=-75.5000 ;14.5210  
P107=-75.0070 ;15.0000  
P108=-75.0000 ;15.0070  
P109=-74.5000 ;15.4780  
P110=-74.4780 ;15.5000  
P111=-74.0000 ;15.9440  
P112=-73.9460 ;16.0000  
P113=-73.5000 ;16.4820  
P114=-73.4830 ;16.5000  
P115=-73.0070 ;17.0000  
P116=-73.0000 ;17.0080  
P117=-72.5690 ;17.5000

P118=-72.5000 ;17.5910  
P119=-72.1520 ;18.0000  
P120=-72.0000 ;18.1830  
P121=-71.7320 ;18.5000  
P122=-71.5000 ;18.7970  
P123=-71.3280 ;19.0000  
P124=-71.0000 ;19.4440  
P125=-70.9530 ;19.5000  
P126=-70.6150 ;20.0000  
P127=-70.5000 ;20.0970  
P128=-70.1770 ;20.5000  
P129=-70.0000 ;20.8020  
P130=-69.8450 ;21.0000  
P131=-69.5610 ;21.5000  
P132=-69.5000 ;21.6260  
P133=-69.2300 ;22.0000  
P134=-69.0890 ;22.5000  
P135=-69.0000 ;22.7960  
P136=-68.9030 ;23.0000  
P137=-68.7570 ;23.5000  
P138=-68.6450 ;24.0000  
P139=-68.5000 ;24.1690  
P140=-68.3300 ;24.5000  
P141=-68.2000 ;25.0000  
P142=-68.0000 ;25.3580  
P143=-67.9060 ;25.5000  
P144=-67.6540 ;26.0000  
P145=-67.5400 ;26.5000  
P146=-67.5000 ;26.5530  
P147=-67.2240 ;27.0000  
P148=-67.1170 ;27.5000  
P149=-67.0000 ;27.7740  
P150=-66.8650 ;28.0000  
P151=-66.6630 ;28.5000  
P152=-66.5000 ;28.9240  
P153=-66.4590 ;29.0000  
P154=-66.1770 ;29.5000  
P155=-66.0000 ;29.9920  
P156=-65.9950 ;30.0000  
P157=-65.7510 ;30.5000  
P158=-65.8290 ;31.0000  
P159=-65.9690 ;31.5000  
P160=-65.5000 ;31.8990  
P161=-65.4770 ;32.0000  
P162=-65.1780 ;32.5000  
P163=-65.5000 ;32.9930  
[C12]  
gain=-50.00  
n\_point=97  
P1=-91.0000 ;36.6960  
P2=-91.1510 ;36.5000  
P3=-91.5000 ;36.0800  
P4=-91.5650 ;36.0000  
P5=-91.8360 ;35.5000  
P6=-92.0000 ;35.3920  
P7=-92.2660 ;35.0000  
P8=-92.5000 ;34.6960

P9=-92.6420 ;34.5000  
P10=-92.8820 ;34.0000  
P11=-93.0000 ;33.8870  
P12=-93.2450 ;33.5000  
P13=-93.5000 ;33.0060  
P14=-93.5040 ;33.0000  
P15=-93.7530 ;32.5000  
P16=-94.0000 ;32.0420  
P17=-94.0260 ;32.0000  
P18=-94.2190 ;31.5000  
P19=-94.3600 ;31.0000  
P20=-94.5000 ;30.8490  
P21=-94.6560 ;30.5000  
P22=-94.7840 ;30.0000  
P23=-94.9700 ;29.5000  
P24=-95.0000 ;29.4740  
P25=-95.2060 ;29.0000  
P26=-95.3480 ;28.5000  
P27=-95.4230 ;28.0000  
P28=-95.5000 ;27.8330  
P29=-95.6330 ;27.5000  
P30=-95.7900 ;27.0000  
P31=-95.8890 ;26.5000  
P32=-95.9110 ;26.0000  
P33=-95.9100 ;25.5000  
P34=-95.9880 ;25.0000  
P35=-96.0000 ;24.9670  
P36=-96.0690 ;24.5000  
P37=-96.1150 ;24.0000  
P38=-96.1340 ;23.5000  
P39=-96.1210 ;23.0000  
P40=-96.0900 ;22.5000  
P41=-96.0840 ;22.0000  
P42=-96.1100 ;21.5000  
P43=-96.0150 ;21.0000  
P44=-96.0000 ;20.9440  
P45=-95.7900 ;20.5000  
P46=-95.8390 ;20.0000  
P47=-95.7850 ;19.5000  
P48=-95.6090 ;19.0000  
P49=-95.5000 ;18.5140  
P50=-95.3350 ;19.0000  
P51=-95.2260 ;19.5000  
P52=-95.2370 ;20.0000  
P53=-95.3740 ;20.5000  
P54=-95.4930 ;21.0000  
P55=-95.4950 ;21.5000  
P56=-95.5000 ;21.5680  
P57=-95.6360 ;22.0000  
P58=-95.7110 ;22.5000  
P59=-95.6850 ;23.0000  
P60=-95.6410 ;23.5000  
P61=-95.5460 ;24.0000  
P62=-95.5000 ;24.0790  
P63=-95.4440 ;24.5000  
P64=-95.3610 ;25.0000  
P65=-95.2630 ;25.5000

P66=-95.1590 ;26.0000  
P67=-95.1210 ;26.5000  
P68=-95.1310 ;27.0000  
P69=-95.0000 ;27.3940  
P70=-94.9610 ;27.5000  
P71=-94.7620 ;28.0000  
P72=-94.6870 ;28.5000  
P73=-94.6550 ;29.0000  
P74=-94.5000 ;29.1710  
P75=-94.3490 ;29.5000  
P76=-94.2640 ;30.0000  
P77=-94.1340 ;30.5000  
P78=-94.0000 ;30.6240  
P79=-93.8470 ;31.0000  
P80=-93.7280 ;31.5000  
P81=-93.5000 ;31.8170  
P82=-93.3940 ;32.0000  
P83=-93.2150 ;32.5000  
P84=-93.0000 ;32.7740  
P85=-92.8560 ;33.0000  
P86=-92.6620 ;33.5000  
P87=-92.5000 ;33.6690  
P88=-92.2820 ;34.0000  
P89=-92.0000 ;34.4720  
P90=-91.9800 ;34.5000  
P91=-91.7150 ;35.0000  
P92=-91.5000 ;35.2870  
P93=-91.3490 ;35.5000  
P94=-91.0000 ;35.9490  
P95=-90.9590 ;36.0000  
P96=-90.6810 ;36.5000  
P97=-91.0000 ;36.6960  
[C13]  
gain=-50.00  
n\_point=159  
P1=-58.5000 ;41.0280  
P2=-58.6290 ;41.5000  
P3=-58.6210 ;42.0000  
P4=-58.6220 ;42.5000  
P5=-58.6950 ;43.0000  
P6=-58.8560 ;43.5000  
P7=-59.0000 ;43.7440  
P8=-59.0890 ;44.0000  
P9=-59.2930 ;44.5000  
P10=-59.5000 ;44.8230  
P11=-59.6940 ;45.0000  
P12=-60.0000 ;45.4120  
P13=-60.0390 ;45.5000  
P14=-60.5000 ;45.9600  
P15=-60.6110 ;46.0000  
P16=-61.0000 ;46.2510  
P17=-61.4110 ;46.5000  
P18=-61.5000 ;46.5510  
P19=-62.0000 ;46.8060  
P20=-62.4630 ;47.0000  
P21=-62.5000 ;47.0190  
P22=-63.0000 ;47.2350

P23=-63.5000 ;47.3720  
P24=-63.9830 ;47.5000  
P25=-64.0000 ;47.5060  
P26=-64.5000 ;47.6040  
P27=-65.0000 ;47.6520  
P28=-65.5000 ;47.6760  
P29=-66.0000 ;47.6900  
P30=-66.5000 ;47.7030  
P31=-67.0000 ;47.7130  
P32=-67.5000 ;47.7170  
P33=-68.0000 ;47.7150  
P34=-68.5000 ;47.6850  
P35=-69.0000 ;47.5760  
P36=-69.3340 ;47.5000  
P37=-69.0000 ;47.4540  
P38=-68.5000 ;47.3780  
P39=-68.0000 ;47.3290  
P40=-67.5000 ;47.2860  
P41=-67.0000 ;47.2120  
P42=-66.5000 ;47.0370  
P43=-66.4420 ;47.0000  
P44=-66.0000 ;46.9310  
P45=-65.5000 ;46.8470  
P46=-65.0000 ;46.7230  
P47=-64.5270 ;46.5000  
P48=-64.5000 ;46.4920  
P49=-64.0000 ;46.3450  
P50=-63.5000 ;46.1240  
P51=-63.2810 ;46.0000  
P52=-63.0000 ;45.8690  
P53=-62.5000 ;45.5750  
P54=-62.4120 ;45.5000  
P55=-62.0000 ;45.1600  
P56=-61.8390 ;45.0000  
P57=-61.5000 ;44.6960  
P58=-61.2840 ;44.5000  
P59=-61.0000 ;44.1720  
P60=-60.8030 ;44.0000  
P61=-60.5160 ;43.5000  
P62=-60.5000 ;43.4760  
P63=-60.2610 ;43.0000  
P64=-60.0010 ;42.5000  
P65=-60.0000 ;42.4990  
P66=-59.7930 ;42.0000  
P67=-59.6610 ;41.5000  
P68=-59.7030 ;41.0000  
P69=-59.7530 ;40.5000  
P70=-59.6350 ;40.0000  
P71=-59.7130 ;39.5000  
P72=-59.7230 ;39.0000  
P73=-59.8960 ;38.5000  
P74=-59.8760 ;38.0000  
P75=-60.0000 ;37.7600  
P76=-60.0870 ;37.5000  
P77=-60.1200 ;37.0000  
P78=-60.3940 ;36.5000  
P79=-60.4280 ;36.0000

P80=-60.5000 ;35.9490  
P81=-60.6980 ;35.5000  
P82=-60.9020 ;35.0000  
P83=-60.9730 ;34.5000  
P84=-61.0000 ;34.4780  
P85=-61.1950 ;34.0000  
P86=-61.4480 ;33.5000  
P87=-61.5000 ;33.3280  
P88=-61.6980 ;33.0000  
P89=-61.7510 ;32.5000  
P90=-62.0000 ;32.0810  
P91=-62.0370 ;32.0000  
P92=-62.2990 ;31.5000  
P93=-62.5000 ;31.1100  
P94=-62.5640 ;31.0000  
P95=-62.8990 ;30.5000  
P96=-63.0000 ;30.3080  
P97=-63.2360 ;30.0000  
P98=-63.4320 ;29.5000  
P99=-63.5000 ;29.3420  
P100=-63.7740 ;29.0000  
P101=-63.9370 ;28.5000  
P102=-64.0000 ;28.3310  
P103=-64.2490 ;28.0000  
P104=-64.4230 ;27.5000  
P105=-64.5000 ;27.2810  
P106=-64.6790 ;27.0000  
P107=-64.8870 ;26.5000  
P108=-65.0000 ;26.1840  
P109=-65.0850 ;26.0000  
P110=-65.2000 ;25.5000  
P111=-65.1230 ;25.0000  
P112=-65.0000 ;24.8560  
P113=-64.8950 ;25.0000  
P114=-64.5780 ;25.5000  
P115=-64.5000 ;25.5460  
P116=-64.2240 ;26.0000  
P117=-64.0310 ;26.5000  
P118=-64.0000 ;26.5330  
P119=-63.6790 ;27.0000  
P120=-63.5310 ;27.5000  
P121=-63.5000 ;27.5410  
P122=-63.1410 ;28.0000  
P123=-63.0240 ;28.5000  
P124=-63.0000 ;28.5350  
P125=-62.6120 ;29.0000  
P126=-62.5000 ;29.4360  
P127=-62.4590 ;29.5000  
P128=-62.0940 ;30.0000  
P129=-62.0000 ;30.3110  
P130=-61.8650 ;30.5000  
P131=-61.6340 ;31.0000  
P132=-61.5000 ;31.3440  
P133=-61.3860 ;31.5000  
P134=-61.2070 ;32.0000  
P135=-61.0000 ;32.4830  
P136=-60.9890 ;32.5000

P137=-60.8120 ;33.0000  
P138=-60.5480 ;33.5000  
P139=-60.5000 ;33.6100  
P140=-60.2070 ;34.0000  
P141=-60.2200 ;34.5000  
P142=-60.0000 ;34.9940  
P143=-59.9980 ;35.0000  
P144=-59.6220 ;35.5000  
P145=-59.6660 ;36.0000  
P146=-59.5000 ;36.1440  
P147=-59.3200 ;36.5000  
P148=-59.2330 ;37.0000  
P149=-59.1430 ;37.5000  
P150=-59.0000 ;37.7870  
P151=-58.8840 ;38.0000  
P152=-58.7740 ;38.5000  
P153=-58.7500 ;39.0000  
P154=-58.6240 ;39.5000  
P155=-58.6900 ;40.0000  
P156=-58.5490 ;40.5000  
P157=-58.5000 ;40.9180  
P158=-58.4920 ;41.0000  
P159=-58.5000 ;41.0280  
[C14]  
gain=-50.00  
n\_point=531  
P1=-48.5000 ;50.4240  
P2=-48.5190 ;50.5000  
P3=-48.6320 ;51.0000  
P4=-48.8300 ;51.5000  
P5=-49.0000 ;51.7470  
P6=-49.2740 ;52.0000  
P7=-49.5000 ;52.1790  
P8=-49.9330 ;52.5000  
P9=-50.0000 ;52.5410  
P10=-50.5000 ;52.7990  
P11=-50.9740 ;53.0000  
P12=-51.0000 ;53.0110  
P13=-51.5000 ;53.2290  
P14=-52.0000 ;53.4010  
P15=-52.3900 ;53.5000  
P16=-52.5000 ;53.5390  
P17=-53.0000 ;53.7040  
P18=-53.5000 ;53.8260  
P19=-54.0000 ;53.9300  
P20=-54.3720 ;54.0000  
P21=-54.5000 ;54.0300  
P22=-55.0000 ;54.1220  
P23=-55.5000 ;54.1910  
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P26=-86.3333 ;9.3150  
P27=-86.1667 ;9.2090  
P28=-86.0000 ;9.1030  
P29=-85.8625 ;9.0515  
P30=-85.7250 ;9.0000  
P31=-85.6125 ;8.8695  
P32=-85.5000 ;8.7390  
P33=-85.3630 ;8.6195  
P34=-85.2260 ;8.5000  
P35=-85.3630 ;8.4120  
P36=-85.5000 ;8.3240  
P37=-85.6570 ;8.1620  
P38=-85.8140 ;8.0000  
P39=-86.0000 ;7.8700  
P40=-86.2500 ;7.7845  
P41=-86.5000 ;7.6990  
P42=-86.7500 ;7.6625  
P43=-87.0000 ;7.6260  
P44=-87.2500 ;7.6260

P45=-87.5000 ;7.6260  
P46=-87.7500 ;7.6575  
P47=-88.0000 ;7.6890  
P48=-88.2500 ;7.7250  
P49=-88.5000 ;7.7610  
P50=-88.7500 ;7.7600  
P51=-89.0000 ;7.7590  
P52=-89.2500 ;7.7365  
P53=-89.5000 ;7.7140  
P54=-89.6055 ;7.6070  
P55=-89.7110 ;7.5000  
P56=-89.5000 ;7.3670  
P57=-89.3333 ;7.2757  
P58=-89.1667 ;7.1843  
P59=-89.0000 ;7.0930  
P60=-88.8840 ;7.0000  
P61=-88.6920 ;6.8830  
P62=-88.5000 ;6.7660  
P63=-88.2500 ;6.6935  
P64=-88.0000 ;6.6210  
P65=-87.7500 ;6.6225  
P66=-87.5000 ;6.6240  
P67=-87.2500 ;6.6755  
P68=-87.0000 ;6.7270  
P69=-86.7500 ;6.8070  
P70=-86.5000 ;6.8870  
P71=-86.3350 ;6.9435  
P72=-86.1700 ;7.0000  
P73=-86.0000 ;7.0710  
P74=-85.7500 ;7.1090  
P75=-85.5000 ;7.1470  
P76=-85.2500 ;7.1660  
P77=-85.0000 ;7.1850  
P78=-84.7500 ;7.2345  
P79=-84.5000 ;7.2840  
P80=-84.2500 ;7.3660  
P81=-84.0000 ;7.4480  
P82=-83.8420 ;7.5000  
P83=-83.6710 ;7.5665  
P84=-83.5000 ;7.6330  
P85=-83.2500 ;7.7180  
P86=-83.0000 ;7.8030  
P87=-82.7500 ;7.8675  
P88=-82.5000 ;7.9320  
P89=-82.3270 ;7.9660  
P90=-82.1540 ;8.0000  
P91=-82.3270 ;8.0525  
P92=-82.5000 ;8.1050  
[C18]  
gain=-20.00  
n\_point=115  
P1=-77.5000 ;29.4990  
P2=-77.4160 ;29.2495  
P3=-77.3320 ;29.0000  
P4=-77.2835 ;28.7500  
P5=-77.2350 ;28.5000  
P6=-77.2215 ;28.2500

P7=-77.2080 ;28.0000  
P8=-77.2040 ;27.7500  
P9=-77.2000 ;27.5000  
P10=-77.2250 ;27.2500  
P11=-77.2500 ;27.0000  
P12=-77.2795 ;26.7500  
P13=-77.3090 ;26.5000  
P14=-77.3445 ;26.2500  
P15=-77.3800 ;26.0000  
P16=-77.4330 ;25.7500  
P17=-77.4860 ;25.5000  
P18=-77.5000 ;25.4530  
P19=-77.5790 ;25.2265  
P20=-77.6580 ;25.0000  
P21=-77.7620 ;24.7500  
P22=-77.8660 ;24.5000  
P23=-78.0000 ;24.2590  
P24=-78.1570 ;24.0000  
P25=-78.3285 ;23.7805  
P26=-78.5000 ;23.5610  
P27=-78.5540 ;23.5000  
P28=-78.7770 ;23.2920  
P29=-79.0000 ;23.0840  
P30=-79.1030 ;23.0000  
P31=-79.3015 ;22.8675  
P32=-79.5000 ;22.7350  
P33=-79.7130 ;22.6175  
P34=-79.9260 ;22.5000  
P35=-80.0000 ;22.4680  
P36=-80.2500 ;22.3740  
P37=-80.5000 ;22.2800  
P38=-80.7500 ;22.1965  
P39=-81.0000 ;22.1130  
P40=-81.3880 ;22.0000  
P41=-81.5000 ;21.9900  
P42=-81.7500 ;21.9505  
P43=-82.0000 ;21.9110  
P44=-82.2500 ;21.8770  
P45=-82.5000 ;21.8430  
P46=-82.7500 ;21.8185  
P47=-83.0000 ;21.7940  
P48=-83.2500 ;21.7800  
P49=-83.5000 ;21.7660  
P50=-83.7500 ;21.7600  
P51=-84.0000 ;21.7540  
P52=-84.2500 ;21.7575  
P53=-84.5000 ;21.7610  
P54=-84.7500 ;21.8600  
P55=-85.0000 ;21.9590  
P56=-85.0330 ;22.0000  
P57=-85.1240 ;22.2500  
P58=-85.2150 ;22.5000  
P59=-85.2135 ;22.7500  
P60=-85.2120 ;23.0000  
P61=-85.1860 ;23.2500  
P62=-85.1600 ;23.5000  
P63=-85.1310 ;23.7500



P64=-85.1020 ;24.0000  
P65=-85.0700 ;24.2500  
P66=-85.0380 ;24.5000  
P67=-85.0000 ;24.7230  
P68=-84.9560 ;25.0000  
P69=-84.9090 ;25.2500  
P70=-84.8620 ;25.5000  
P71=-84.8185 ;25.7500  
P72=-84.7750 ;26.0000  
P73=-84.7370 ;26.2500  
P74=-84.6990 ;26.5000  
P75=-84.6580 ;26.7500  
P76=-84.6170 ;27.0000  
P77=-84.5585 ;27.1915  
P78=-84.5000 ;27.3830  
P79=-84.4620 ;27.5000  
P80=-84.3950 ;27.7500  
P81=-84.3280 ;28.0000  
P82=-84.2070 ;28.2500  
P83=-84.0860 ;28.5000  
P84=-84.0000 ;28.6280  
P85=-83.8850 ;28.8140  
P86=-83.7700 ;29.0000  
P87=-83.5000 ;29.2770  
P88=-83.2530 ;29.5000  
P89=-83.0000 ;29.6820  
P90=-82.7500 ;29.8215  
P91=-82.5000 ;29.9610  
P92=-82.4290 ;30.0000  
P93=-82.2145 ;30.1050  
P94=-82.0000 ;30.2100  
P95=-81.7500 ;30.2910  
P96=-81.5000 ;30.3720  
P97=-81.2700 ;30.4360  
P98=-81.0400 ;30.5000  
P99=-81.0000 ;30.5090  
P100=-80.7500 ;30.5455  
P101=-80.5000 ;30.5820  
P102=-80.2500 ;30.5995  
P103=-80.0000 ;30.6170  
P104=-79.7500 ;30.6185  
P105=-79.5000 ;30.6200  
P106=-79.2500 ;30.5970  
P107=-79.0000 ;30.5740  
P108=-78.6970 ;30.5000  
P109=-78.5000 ;30.4250  
P110=-78.2500 ;30.2715  
P111=-78.0000 ;30.1180  
P112=-77.8650 ;30.0000  
P113=-77.6830 ;29.7500  
P114=-77.5010 ;29.5000  
P115=-77.5000 ;29.4990  
[C19]  
gain=-15.00  
n\_point=99  
P1=-81.1777 ;29.9184  
P2=-81.3923 ;29.8442

P3=-81.6068 ;29.7700  
P4=-81.8111 ;29.6871  
P5=-82.0952 ;29.5338  
P6=-82.3793 ;29.3806  
P7=-82.5820 ;29.2342  
P8=-82.7847 ;29.0878  
P9=-82.9874 ;28.9414  
P10=-83.0460 ;28.8848  
P11=-83.1209 ;28.8125  
P12=-83.2731 ;28.6233  
P13=-83.4252 ;28.4341  
P14=-83.5774 ;28.2449  
P15=-83.6788 ;28.0743  
P16=-83.7803 ;27.9038  
P17=-83.8775 ;27.6867  
P18=-83.9748 ;27.4697  
P19=-84.0637 ;27.2252  
P20=-84.1283 ;27.0360  
P21=-84.1929 ;26.8467  
P22=-84.2621 ;26.5846  
P23=-84.3315 ;26.2786  
P24=-84.4009 ;25.9726  
P25=-84.4323 ;25.7811  
P26=-84.4601 ;25.6108  
P27=-84.4949 ;25.3575  
P28=-84.5298 ;25.1041  
P29=-84.5646 ;24.8507  
P30=-84.5778 ;24.7111  
P31=-84.5859 ;24.5663  
P32=-84.5927 ;24.3186  
P33=-84.5995 ;24.0708  
P34=-84.6063 ;23.8231  
P35=-84.6054 ;23.6362  
P36=-84.5853 ;23.3937  
P37=-84.5227 ;23.1707  
P38=-84.4601 ;22.9478  
P39=-84.2584 ;22.7440  
P40=-84.0566 ;22.5402  
P41=-83.8358 ;22.4704  
P42=-83.7709 ;22.4561  
P43=-83.6750 ;22.4344  
P44=-83.3854 ;22.3995  
P45=-83.0957 ;22.3646  
P46=-82.8061 ;22.3297  
P47=-82.6326 ;22.3266  
P48=-82.4763 ;22.3330  
P49=-82.1499 ;22.3679  
P50=-81.8234 ;22.4029  
P51=-81.4970 ;22.4378  
P52=-81.2070 ;22.5278  
P53=-80.9170 ;22.6178  
P54=-80.6270 ;22.7078  
P55=-80.4523 ;22.7826  
P56=-80.2776 ;22.8575  
P57=-80.0723 ;22.9650  
P58=-79.8670 ;23.0724  
P59=-79.6297 ;23.2405

P60=-79.3923 ;23.4085  
P61=-79.2162 ;23.5583  
P62=-79.0210 ;23.7532  
P63=-78.8455 ;23.9561  
P64=-78.6700 ;24.1590  
P65=-78.4859 ;24.4273  
P66=-78.3597 ;24.6556  
P67=-78.2335 ;24.8839  
P68=-78.1548 ;25.0538  
P69=-78.0707 ;25.2591  
P70=-77.9867 ;25.4644  
P71=-77.9061 ;25.7353  
P72=-77.8442 ;26.0093  
P73=-77.7824 ;26.2834  
P74=-77.7395 ;26.5143  
P75=-77.7101 ;26.7381  
P76=-77.6813 ;27.0298  
P77=-77.6526 ;27.3216  
P78=-77.6514 ;27.5732  
P79=-77.6619 ;27.7484  
P80=-77.6724 ;27.9236  
P81=-77.7006 ;28.2239  
P82=-77.7529 ;28.4357  
P83=-77.8053 ;28.6476  
P84=-77.8686 ;28.8194  
P85=-77.9319 ;28.9912  
P86=-78.0846 ;29.2216  
P87=-78.2373 ;29.4520  
P88=-78.3869 ;29.5977  
P89=-78.6159 ;29.7654  
P90=-78.8696 ;29.8842  
P91=-79.1233 ;30.0030  
P92=-79.3482 ;30.0523  
P93=-79.6337 ;30.0848  
P94=-79.9714 ;30.0839  
P95=-80.3090 ;30.0830  
P96=-80.5547 ;30.0558  
P97=-80.7142 ;30.0303  
P98=-80.9459 ;29.9744  
P99=-81.1777 ;29.9184

[C20]

gain=-8.00

n\_point=93

P1=-81.5783 ;28.8685  
P2=-81.7885 ;28.7487  
P3=-81.9467 ;28.6505  
P4=-82.1143 ;28.5157  
P5=-82.2818 ;28.3809  
P6=-82.4493 ;28.2462  
P7=-82.6305 ;28.0521  
P8=-82.8117 ;27.8581  
P9=-82.8999 ;27.7387  
P10=-82.9880 ;27.6192  
P11=-83.0984 ;27.4427  
P12=-83.2088 ;27.2663  
P13=-83.3192 ;27.0898  
P14=-83.4152 ;26.8791

P15=-83.4429 ;26.8139  
P16=-83.4926 ;26.6966  
P17=-83.5710 ;26.4710  
P18=-83.6493 ;26.2454  
P19=-83.7277 ;26.0198  
P20=-83.7517 ;25.8866  
P21=-83.7757 ;25.7534  
P22=-83.7956 ;25.6051  
P23=-83.8155 ;25.4568  
P24=-83.8181 ;25.2840  
P25=-83.8208 ;25.1111  
P26=-83.8234 ;24.9382  
P27=-83.8134 ;24.8090  
P28=-83.8035 ;24.6798  
P29=-83.7681 ;24.5088  
P30=-83.6956 ;24.3070  
P31=-83.6232 ;24.1052  
P32=-83.5326 ;23.9456  
P33=-83.4420 ;23.7860  
P34=-83.2680 ;23.5835  
P35=-83.0474 ;23.4420  
P36=-82.8268 ;23.3005  
P37=-82.6887 ;23.2539  
P38=-82.5507 ;23.2072  
P39=-82.3459 ;23.1785  
P40=-82.1411 ;23.1498  
P41=-81.9649 ;23.1551  
P42=-81.7887 ;23.1604  
P43=-81.5915 ;23.1896  
P44=-81.3944 ;23.2188  
P45=-81.1637 ;23.2850  
P46=-80.9404 ;23.3785  
P47=-80.7170 ;23.4720  
P48=-80.5551 ;23.5569  
P49=-80.3933 ;23.6417  
P50=-80.1773 ;23.7798  
P51=-80.0344 ;23.8982  
P52=-79.8915 ;24.0166  
P53=-79.7486 ;24.1349  
P54=-79.5894 ;24.3059  
P55=-79.4302 ;24.4769  
P56=-79.3203 ;24.6125  
P57=-79.2104 ;24.7481  
P58=-79.0787 ;24.9719  
P59=-78.9470 ;25.1957  
P60=-78.8153 ;25.4195  
P61=-78.7819 ;25.4871  
P62=-78.7547 ;25.5478  
P63=-78.6905 ;25.7575  
P64=-78.6263 ;25.9672  
P65=-78.5621 ;26.1769  
P66=-78.4979 ;26.3866  
P67=-78.4631 ;26.5569  
P68=-78.4414 ;26.7348  
P69=-78.4412 ;26.9374  
P70=-78.4411 ;27.1401  
P71=-78.4410 ;27.3427

P72=-78.4408 ;27.5454  
P73=-78.4502 ;27.6223  
P74=-78.4566 ;27.6685  
P75=-78.4865 ;27.8156  
P76=-78.5635 ;28.0164  
P77=-78.6406 ;28.2172  
P78=-78.7177 ;28.4180  
P79=-78.8397 ;28.5686  
P80=-78.9616 ;28.7193  
P81=-79.1082 ;28.8426  
P82=-79.2548 ;28.9660  
P83=-79.4965 ;29.0706  
P84=-79.7234 ;29.1342  
P85=-79.9504 ;29.1978  
P86=-80.1975 ;29.2172  
P87=-80.4388 ;29.1973  
P88=-80.6801 ;29.1773  
P89=-80.8372 ;29.1427  
P90=-80.9943 ;29.1081  
P91=-81.1889 ;29.0283  
P92=-81.3836 ;28.9484  
P93=-81.5783 ;28.8685