

```
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sat_name=USABSS-21
long_nom=-101.0000
n_diag=1
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beam_id=RB02
emi_rcp=E
polar_disc=X
reason=B
n_bore=1
n_cont=10
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P3=-69.9400 ;39.0000
P4=-69.9620 ;38.5000
P5=-70.0000 ;38.3310
P6=-70.0850 ;38.0000
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P12=-71.0750 ;36.0000
P13=-71.4160 ;35.5000
P14=-71.5000 ;35.4020
P15=-71.8120 ;35.0000
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P17=-72.2150 ;34.5000
P18=-72.5000 ;34.1820
P19=-72.6620 ;34.0000
P20=-73.0000 ;33.6320
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P22=-73.5000 ;33.0960
P23=-73.5900 ;33.0000
P24=-74.0000 ;32.5940
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P37=-77.5000 ;29.5710
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P39=-78.0000 ;29.2620
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P42=-79.0000 ;28.7380
P43=-79.4150 ;28.5000
P44=-79.5000 ;28.4700
P45=-80.0000 ;28.3230
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P48=-81.0000 ;27.9590
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P63=-85.5720 ;30.5000
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P100=-79.5000 ;42.6780
P101=-79.0000 ;42.9600
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P104=-78.0000 ;43.4680
P105=-77.9360 ;43.5000
P106=-77.5000 ;43.6900
P107=-77.0000 ;43.8730
P108=-76.6910 ;44.0000
P109=-76.5000 ;44.0730
P110=-76.0000 ;44.1930
P111=-75.5000 ;44.3160
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P113=-74.7300 ;44.5000
P114=-74.5000 ;44.5350
P115=-74.0000 ;44.5800
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P117=-73.0000 ;44.6060
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P119=-72.0000 ;44.5180
P120=-71.9040 ;44.5000
P121=-71.5000 ;44.3470
P122=-71.0000 ;44.0910
P123=-70.8610 ;44.0000
P124=-70.5000 ;43.5670
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P126=-70.3310 ;43.0000
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P128=-70.3780 ;42.0000
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P130=-70.5100 ;41.5000
P131=-70.8250 ;41.0000
P132=-71.0000 ;40.8720
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P134=-71.5000 ;41.1900
P135=-72.0000 ;41.3330
P136=-72.5000 ;41.3570
P137=-73.0000 ;41.2900
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P148=-71.5000 ;39.6850
P149=-71.1510 ;40.0000
P150=-71.0000 ;40.3470

P151=-70.5530 ;40.5000
P152=-70.5000 ;40.5780
P153=-70.4870 ;40.5000
P154=-70.2030 ;40.0000
P155=-70.0000 ;39.6440
[C2]
gain=-20.00
n_point=84
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P2=-75.4960 ;42.5000
P3=-75.5000 ;42.4980
P4=-75.6667 ;42.3963
P5=-75.8333 ;42.2947
P6=-76.0000 ;42.1930
P7=-76.0890 ;42.0965
P8=-76.1780 ;42.0000
P9=-76.3390 ;41.9475
P10=-76.5000 ;41.8950
P11=-76.6667 ;41.8233
P12=-76.8333 ;41.7517
P13=-77.0000 ;41.6800
P14=-77.1355 ;41.5900
P15=-77.2710 ;41.5000
P16=-77.5000 ;41.4290
P17=-77.6667 ;41.3637
P18=-77.8333 ;41.2983
P19=-78.0000 ;41.2330
P20=-78.1790 ;41.1165
P21=-78.3580 ;41.0000
P22=-78.5000 ;40.9520
P23=-78.6667 ;40.8797
P24=-78.8333 ;40.8073
P25=-79.0000 ;40.7350
P26=-79.1655 ;40.6175
P27=-79.3310 ;40.5000
P28=-79.5000 ;40.4330
P29=-79.6667 ;40.3357
P30=-79.8333 ;40.2383
P31=-80.0000 ;40.1410
P32=-80.0945 ;40.0705
P33=-80.1890 ;40.0000
P34=-80.3445 ;39.9305
P35=-80.5000 ;39.8610
P36=-80.6520 ;39.7407
P37=-80.8040 ;39.6203
P38=-80.9560 ;39.5000
P39=-81.0000 ;39.4750
P40=-81.1667 ;39.4007
P41=-81.3333 ;39.3263
P42=-81.5000 ;39.2520
P43=-81.6715 ;39.3760
P44=-81.8430 ;39.5000
P45=-81.7287 ;39.6653
P46=-81.6143 ;39.8307
P47=-81.5000 ;39.9960
P48=-81.4970 ;40.0000
P49=-81.3745 ;40.1250

P50=-81.2520 ;40.2500
P51=-81.1295 ;40.3750
P52=-81.0070 ;40.5000
P53=-81.0000 ;40.5060
P54=-80.8333 ;40.6373
P55=-80.6667 ;40.7687
P56=-80.5000 ;40.9000
P57=-80.3920 ;41.0000
P58=-80.1960 ;41.1220
P59=-80.0000 ;41.2440
P60=-79.8285 ;41.3720
P61=-79.6570 ;41.5000
P62=-79.5000 ;41.5870
P63=-79.3333 ;41.6790
P64=-79.1667 ;41.7710
P65=-79.0000 ;41.8630
P66=-78.8850 ;41.9315
P67=-78.7700 ;42.0000
P68=-78.6350 ;42.0555
P69=-78.5000 ;42.1110
P70=-78.3333 ;42.1787
P71=-78.1667 ;42.2463
P72=-78.0000 ;42.3140
P73=-77.7940 ;42.4070
P74=-77.5880 ;42.5000
P75=-77.5000 ;42.5250
P76=-77.2500 ;42.5765
P77=-77.0000 ;42.6280
P78=-76.7500 ;42.6640
P79=-76.5000 ;42.7000
P80=-76.2500 ;42.7005
P81=-76.0000 ;42.7010
P82=-75.8333 ;42.6353
P83=-75.6667 ;42.5697
P84=-75.5000 ;42.5040
[C3]
gain=-30.00
n_point=70
P1=-80.5000 ;39.1740
P2=-80.5505 ;39.1305
P3=-80.6010 ;39.0870
P4=-80.6515 ;39.0435
P5=-80.7020 ;39.0000
P6=-80.7616 ;38.9742
P7=-80.8212 ;38.9484
P8=-80.8808 ;38.9226
P9=-80.9404 ;38.8968
P10=-81.0000 ;38.8710
P11=-81.0490 ;38.8246
P12=-81.0980 ;38.7782
P13=-81.1470 ;38.7319
P14=-81.1960 ;38.6855
P15=-81.2450 ;38.6391
P16=-81.2940 ;38.5928
P17=-81.3430 ;38.5464
P18=-81.3920 ;38.5000
P19=-81.4190 ;38.4508

P20=-81.4460 ;38.4015
P21=-81.4730 ;38.3522
P22=-81.5000 ;38.3030
P23=-81.5530 ;38.2525
P24=-81.6060 ;38.2020
P25=-81.6590 ;38.1515
P26=-81.7120 ;38.1010
P27=-81.7650 ;38.0505
P28=-81.8180 ;38.0000
P29=-81.7650 ;37.9568
P30=-81.7120 ;37.9137
P31=-81.6590 ;37.8705
P32=-81.6060 ;37.8273
P33=-81.5530 ;37.7842
P34=-81.5000 ;37.7410
P35=-81.4552 ;37.7842
P36=-81.4103 ;37.8273
P37=-81.3655 ;37.8705
P38=-81.3207 ;37.9137
P39=-81.2758 ;37.9568
P40=-81.2310 ;38.0000
P41=-81.1733 ;38.0335
P42=-81.1155 ;38.0670
P43=-81.0577 ;38.1005
P44=-81.0000 ;38.1340
P45=-80.9504 ;38.1797
P46=-80.9007 ;38.2255
P47=-80.8511 ;38.2713
P48=-80.8015 ;38.3170
P49=-80.7519 ;38.3628
P50=-80.7022 ;38.4085
P51=-80.6526 ;38.4543
P52=-80.6030 ;38.5000
P53=-80.5824 ;38.5524
P54=-80.5618 ;38.6048
P55=-80.5412 ;38.6572
P56=-80.5206 ;38.7096
P57=-80.5000 ;38.7620
P58=-80.4416 ;38.7960
P59=-80.3831 ;38.8300
P60=-80.3247 ;38.8640
P61=-80.2663 ;38.8980
P62=-80.2079 ;38.9320
P63=-80.1494 ;38.9660
P64=-80.0910 ;39.0000
P65=-80.1592 ;39.0290
P66=-80.2273 ;39.0580
P67=-80.2955 ;39.0870
P68=-80.3637 ;39.1160
P69=-80.4318 ;39.1450
P70=-80.5000 ;39.1740
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gain=-20.00
n_point=115
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P2=-73.3890 ;39.2200
P3=-73.2780 ;39.0000

P4=-73.2115 ;38.7500
P5=-73.1450 ;38.5000
P6=-73.1205 ;38.2500
P7=-73.0960 ;38.0000
P8=-73.1080 ;37.7500
P9=-73.1200 ;37.5000
P10=-73.1550 ;37.2500
P11=-73.1900 ;37.0000
P12=-73.2545 ;36.7500
P13=-73.3190 ;36.5000
P14=-73.4095 ;36.2920
P15=-73.5000 ;36.0840
P16=-73.5310 ;36.0000
P17=-73.6420 ;35.7500
P18=-73.7530 ;35.5000
P19=-74.0000 ;35.1510
P20=-74.0940 ;35.0000
P21=-74.2830 ;34.7500
P22=-74.4720 ;34.5000
P23=-74.5000 ;34.4700
P24=-74.7100 ;34.2350
P25=-74.9200 ;34.0000
P26=-75.0000 ;33.9270
P27=-75.2495 ;33.7135
P28=-75.4990 ;33.5000
P29=-75.5000 ;33.4990
P30=-75.7500 ;33.3090
P31=-76.0000 ;33.1190
P32=-76.1640 ;33.0000
P33=-76.5000 ;32.7810
P34=-76.7500 ;32.6450
P35=-77.0000 ;32.5090
P36=-77.0150 ;32.5000
P37=-77.2575 ;32.3800
P38=-77.5000 ;32.2600
P39=-77.7500 ;32.1325
P40=-78.0000 ;32.0050
P41=-78.0100 ;32.0000
P42=-78.2550 ;31.9165
P43=-78.5000 ;31.8330
P44=-78.7500 ;31.7430
P45=-79.0000 ;31.6530
P46=-79.3510 ;31.5000
P47=-79.5000 ;31.4530
P48=-79.7500 ;31.3975
P49=-80.0000 ;31.3420
P50=-80.2500 ;31.2860
P51=-80.5000 ;31.2300
P52=-80.7500 ;31.1945
P53=-81.0000 ;31.1590
P54=-81.2500 ;31.1535
P55=-81.5000 ;31.1480
P56=-81.7500 ;31.1870
P57=-82.0000 ;31.2260
P58=-82.2500 ;31.3260
P59=-82.5000 ;31.4260
P60=-82.5970 ;31.5000

P61=-82.7985 ;31.6885
P62=-83.0000 ;31.8770
P63=-83.0860 ;32.0000
P64=-83.2070 ;32.2500
P65=-83.3280 ;32.5000
P66=-83.3875 ;32.7500
P67=-83.4470 ;33.0000
P68=-83.4675 ;33.2500
P69=-83.4880 ;33.5000
P70=-83.4520 ;33.7500
P71=-83.4160 ;34.0000
P72=-83.3445 ;34.2500
P73=-83.2730 ;34.5000
P74=-83.1890 ;34.7500
P75=-83.1050 ;35.0000
P76=-83.0000 ;35.2840
P77=-82.8900 ;35.5000
P78=-82.7475 ;35.7500
P79=-82.6050 ;36.0000
P80=-82.5000 ;36.1460
P81=-82.3610 ;36.3230
P82=-82.2220 ;36.5000
P83=-82.0000 ;36.7670
P84=-81.7930 ;37.0000
P85=-81.5000 ;37.3130
P86=-81.3150 ;37.5000
P87=-81.0000 ;37.7950
P88=-80.7760 ;38.0000
P89=-80.5000 ;38.2180
P90=-80.1660 ;38.5000
P91=-80.0000 ;38.6130
P92=-79.7500 ;38.8035
P93=-79.5000 ;38.9940
P94=-79.4910 ;39.0000
P95=-79.2455 ;39.1375
P96=-79.0000 ;39.2750
P97=-78.6320 ;39.5000
P98=-78.5000 ;39.5930
P99=-78.2500 ;39.7065
P100=-78.0000 ;39.8200
P101=-77.5950 ;40.0000
P102=-77.5000 ;40.0580
P103=-77.2500 ;40.1475
P104=-77.0000 ;40.2370
P105=-76.5000 ;40.3570
P106=-76.0000 ;40.4390
P107=-75.5000 ;40.4660
P108=-75.0000 ;40.4170
P109=-74.5000 ;40.2640
P110=-74.2515 ;40.1320
P111=-74.0030 ;40.0000
P112=-74.0000 ;39.9980
P113=-73.7685 ;39.7490
P114=-73.5370 ;39.5000
P115=-73.5000 ;39.4400
[C5]
gain=-30.00

n_point=77
P1=-84.0000 ;35.2340
P2=-84.0607 ;35.1560
P3=-84.1213 ;35.0780
P4=-84.1820 ;35.0000
P5=-84.2246 ;34.9000
P6=-84.2672 ;34.8000
P7=-84.3098 ;34.7000
P8=-84.3524 ;34.6000
P9=-84.3950 ;34.5000
P10=-84.4300 ;34.4193
P11=-84.4650 ;34.3387
P12=-84.5000 ;34.2580
P13=-84.5593 ;34.1720
P14=-84.6187 ;34.0860
P15=-84.6780 ;34.0000
P16=-84.7214 ;33.9000
P17=-84.7648 ;33.8000
P18=-84.8082 ;33.7000
P19=-84.8516 ;33.6000
P20=-84.8950 ;33.5000
P21=-84.9026 ;33.4000
P22=-84.9102 ;33.3000
P23=-84.9178 ;33.2000
P24=-84.9254 ;33.1000
P25=-84.9330 ;33.0000
P26=-84.9206 ;32.9000
P27=-84.9082 ;32.8000
P28=-84.8958 ;32.7000
P29=-84.8834 ;32.6000
P30=-84.8710 ;32.5000
P31=-84.8244 ;32.4000
P32=-84.7778 ;32.3000
P33=-84.7312 ;32.2000
P34=-84.6846 ;32.1000
P35=-84.6380 ;32.0000
P36=-84.5690 ;31.9280
P37=-84.5000 ;31.8560
P38=-84.3750 ;31.8157
P39=-84.2500 ;31.7755
P40=-84.1250 ;31.7353
P41=-84.0000 ;31.6950
P42=-83.9780 ;31.7967
P43=-83.9560 ;31.8983
P44=-83.9340 ;32.0000
P45=-83.9282 ;32.1000
P46=-83.9224 ;32.2000
P47=-83.9166 ;32.3000
P48=-83.9108 ;32.4000
P49=-83.9050 ;32.5000
P50=-83.9148 ;32.6000
P51=-83.9246 ;32.7000
P52=-83.9344 ;32.8000
P53=-83.9442 ;32.9000
P54=-83.9540 ;33.0000
P55=-83.9408 ;33.1000
P56=-83.9276 ;33.2000

P57=-83.9144 ;33.3000
P58=-83.9012 ;33.4000
P59=-83.8880 ;33.5000
P60=-83.8746 ;33.6000
P61=-83.8612 ;33.7000
P62=-83.8478 ;33.8000
P63=-83.8344 ;33.9000
P64=-83.8210 ;34.0000
P65=-83.8096 ;34.1000
P66=-83.7982 ;34.2000
P67=-83.7868 ;34.3000
P68=-83.7754 ;34.4000
P69=-83.7640 ;34.5000
P70=-83.7648 ;34.6000
P71=-83.7656 ;34.7000
P72=-83.7664 ;34.8000
P73=-83.7672 ;34.9000
P74=-83.7680 ;35.0000
P75=-83.8453 ;35.0780
P76=-83.9227 ;35.1560
P77=-84.0000 ;35.2340

[C6]

gain=-30.00

n_point=65

P1=-79.0000 ;31.1010
P2=-79.0313 ;31.0972
P3=-79.0625 ;31.0935
P4=-79.0938 ;31.0898
P5=-79.1250 ;31.0860
P6=-79.1563 ;31.0823
P7=-79.1875 ;31.0785
P8=-79.2188 ;31.0748
P9=-79.2500 ;31.0710
P10=-79.2813 ;31.0672
P11=-79.3125 ;31.0635
P12=-79.3438 ;31.0597
P13=-79.3750 ;31.0560
P14=-79.4063 ;31.0522
P15=-79.4375 ;31.0485
P16=-79.4688 ;31.0448
P17=-79.5000 ;31.0410
P18=-79.5278 ;31.0328
P19=-79.5556 ;31.0246
P20=-79.5834 ;31.0164
P21=-79.6112 ;31.0082
P22=-79.6390 ;31.0000
P23=-79.6158 ;30.9842
P24=-79.5927 ;30.9683
P25=-79.5695 ;30.9525
P26=-79.5463 ;30.9367
P27=-79.5232 ;30.9208
P28=-79.5000 ;30.9050
P29=-79.4688 ;30.9037
P30=-79.4375 ;30.9024
P31=-79.4063 ;30.9011
P32=-79.3750 ;30.8998
P33=-79.3438 ;30.8984

P34=-79.3125 ;30.8971
P35=-79.2813 ;30.8958
P36=-79.2500 ;30.8945
P37=-79.2188 ;30.8932
P38=-79.1875 ;30.8919
P39=-79.1563 ;30.8906
P40=-79.1250 ;30.8892
P41=-79.0938 ;30.8879
P42=-79.0625 ;30.8866
P43=-79.0313 ;30.8853
P44=-79.0000 ;30.8840
P45=-78.9727 ;30.8945
P46=-78.9455 ;30.9051
P47=-78.9182 ;30.9156
P48=-78.8909 ;30.9262
P49=-78.8636 ;30.9367
P50=-78.8364 ;30.9473
P51=-78.8091 ;30.9578
P52=-78.7818 ;30.9684
P53=-78.7545 ;30.9789
P54=-78.7273 ;30.9895
P55=-78.7000 ;31.0000
P56=-78.7300 ;31.0101
P57=-78.7600 ;31.0202
P58=-78.7900 ;31.0303
P59=-78.8200 ;31.0404
P60=-78.8500 ;31.0505
P61=-78.8800 ;31.0606
P62=-78.9100 ;31.0707
P63=-78.9400 ;31.0808
P64=-78.9700 ;31.0909
P65=-79.0000 ;31.1010
[C7]
gain=-10.00
n_point=96
P1=-75.0000 ;38.6780
P2=-74.8670 ;38.5000
P3=-74.7760 ;38.2500
P4=-74.6850 ;38.0000
P5=-74.6660 ;37.7500
P6=-74.6470 ;37.5000
P7=-74.6810 ;37.2500
P8=-74.7150 ;37.0000
P9=-74.7830 ;36.7500
P10=-74.8510 ;36.5000
P11=-74.9255 ;36.3120
P12=-75.0000 ;36.1240
P13=-75.0540 ;36.0000
P14=-75.1875 ;35.7500
P15=-75.3210 ;35.5000
P16=-75.5000 ;35.2290
P17=-75.6590 ;35.0000
P18=-75.8295 ;34.7845
P19=-76.0000 ;34.5690
P20=-76.0580 ;34.5000
P21=-76.2790 ;34.2650
P22=-76.5000 ;34.0300

P23=-76.5300 ;34.0000
P24=-76.7650 ;33.7935
P25=-77.0000 ;33.5870
P26=-77.1030 ;33.5000
P27=-77.3015 ;33.3630
P28=-77.5000 ;33.2260
P29=-77.6635 ;33.1130
P30=-77.8270 ;33.0000
P31=-78.0000 ;32.9020
P32=-78.2500 ;32.7695
P33=-78.5000 ;32.6370
P34=-78.7850 ;32.5000
P35=-79.0000 ;32.4180
P36=-79.2500 ;32.3375
P37=-79.5000 ;32.2570
P38=-79.7500 ;32.1965
P39=-80.0000 ;32.1360
P40=-80.2500 ;32.1060
P41=-80.5000 ;32.0760
P42=-80.7500 ;32.0915
P43=-81.0000 ;32.1070
P44=-81.2500 ;32.1805
P45=-81.5000 ;32.2540
P46=-81.7130 ;32.3770
P47=-81.9260 ;32.5000
P48=-82.0000 ;32.5720
P49=-82.1420 ;32.7860
P50=-82.2840 ;33.0000
P51=-82.3615 ;33.2500
P52=-82.4390 ;33.5000
P53=-82.4500 ;33.7500
P54=-82.4610 ;34.0000
P55=-82.4215 ;34.2500
P56=-82.3820 ;34.5000
P57=-82.3000 ;34.7500
P58=-82.2180 ;35.0000
P59=-82.1130 ;35.2500
P60=-82.0080 ;35.5000
P61=-82.0000 ;35.5150
P62=-81.8495 ;35.7575
P63=-81.6990 ;36.0000
P64=-81.5995 ;36.1450
P65=-81.5000 ;36.2900
P66=-81.3370 ;36.5000
P67=-81.1685 ;36.6985
P68=-81.0000 ;36.8970
P69=-80.9040 ;37.0000
P70=-80.7020 ;37.1920
P71=-80.5000 ;37.3840
P72=-80.3710 ;37.5000
P73=-80.1855 ;37.6460
P74=-80.0000 ;37.7920
P75=-79.7290 ;38.0000
P76=-79.5000 ;38.1530
P77=-79.2500 ;38.3140
P78=-79.0000 ;38.4750
P79=-78.9560 ;38.5000

P80=-78.7280 ;38.6090
P81=-78.5000 ;38.7180
P82=-78.2500 ;38.8305
P83=-78.0000 ;38.9430
P84=-77.8370 ;39.0000
P85=-77.5000 ;39.0990
P86=-77.2500 ;39.1520
P87=-77.0000 ;39.2050
P88=-76.7500 ;39.2270
P89=-76.5000 ;39.2490
P90=-76.2500 ;39.2310
P91=-76.0000 ;39.2130
P92=-75.7500 ;39.1400
P93=-75.5000 ;39.0670
P94=-75.3750 ;39.0000
P95=-75.1875 ;38.8390
P96=-75.0000 ;38.6780
[C8]
gain=-6.00
n_point=84
P1=-76.0000 ;38.1680
P2=-75.8280 ;38.0000
P3=-75.7443 ;37.8333
P4=-75.6607 ;37.6667
P5=-75.5770 ;37.5000
P6=-75.5685 ;37.2500
P7=-75.5600 ;37.0000
P8=-75.6050 ;36.7500
P9=-75.6500 ;36.5000
P10=-75.7103 ;36.3333
P11=-75.7707 ;36.1667
P12=-75.8310 ;36.0000
P13=-75.9155 ;35.8255
P14=-76.0000 ;35.6510
P15=-76.0800 ;35.5000
P16=-76.1910 ;35.3333
P17=-76.3020 ;35.1667
P18=-76.4130 ;35.0000
P19=-76.5000 ;34.8930
P20=-76.6710 ;34.6965
P21=-76.8420 ;34.5000
P22=-77.0000 ;34.3410
P23=-77.1825 ;34.1705
P24=-77.3650 ;34.0000
P25=-77.5000 ;33.8890
P26=-77.6667 ;33.7620
P27=-77.8333 ;33.6350
P28=-78.0000 ;33.5080
P29=-78.0120 ;33.5000
P30=-78.2560 ;33.3660
P31=-78.5000 ;33.2320
P32=-78.7300 ;33.1160
P33=-78.9600 ;33.0000
P34=-79.0000 ;32.9840
P35=-79.2500 ;32.9090
P36=-79.5000 ;32.8340
P37=-79.7500 ;32.7900

P38=-80.0000 ;32.7460
P39=-80.2500 ;32.7465
P40=-80.5000 ;32.7470
P41=-80.7500 ;32.8090
P42=-81.0000 ;32.8710
P43=-81.2280 ;33.0000
P44=-81.3640 ;33.1440
P45=-81.5000 ;33.2880
P46=-81.6220 ;33.5000
P47=-81.6627 ;33.6667
P48=-81.7033 ;33.8333
P49=-81.7440 ;34.0000
P50=-81.7305 ;34.2500
P51=-81.7170 ;34.5000
P52=-81.6757 ;34.6667
P53=-81.6343 ;34.8333
P54=-81.5930 ;35.0000
P55=-81.5000 ;35.2370
P56=-81.4400 ;35.3685
P57=-81.3800 ;35.5000
P58=-81.2800 ;35.6667
P59=-81.1800 ;35.8333
P60=-81.0800 ;36.0000
P61=-81.0000 ;36.1100
P62=-80.8395 ;36.3050
P63=-80.6790 ;36.5000
P64=-80.5000 ;36.6940
P65=-80.3430 ;36.8470
P66=-80.1860 ;37.0000
P67=-80.0000 ;37.1630
P68=-79.7885 ;37.3315
P69=-79.5770 ;37.5000
P70=-79.5000 ;37.5540
P71=-79.2500 ;37.7090
P72=-79.0000 ;37.8640
P73=-78.7450 ;38.0000
P74=-78.5000 ;38.1140
P75=-78.2500 ;38.2080
P76=-78.0000 ;38.3020
P77=-77.7500 ;38.3680
P78=-77.5000 ;38.4340
P79=-77.2500 ;38.4595
P80=-77.0000 ;38.4850
P81=-76.7500 ;38.4515
P82=-76.5000 ;38.4180
P83=-76.2500 ;38.2930
P84=-76.0000 ;38.1680
[C9]
gain=-4.00
n_point=86
P1=-76.5000 ;37.6760
P2=-76.4175 ;37.5880
P3=-76.3350 ;37.5000
P4=-76.2767 ;37.3333
P5=-76.2183 ;37.1667
P6=-76.1600 ;37.0000
P7=-76.1710 ;36.8333

P8=-76.1820 ;36.6667
P9=-76.1930 ;36.5000
P10=-76.2393 ;36.3333
P11=-76.2857 ;36.1667
P12=-76.3320 ;36.0000
P13=-76.4160 ;35.8210
P14=-76.5000 ;35.6420
P15=-76.5740 ;35.5000
P16=-76.6867 ;35.3333
P17=-76.7993 ;35.1667
P18=-76.9120 ;35.0000
P19=-77.0000 ;34.8960
P20=-77.1200 ;34.7640
P21=-77.2400 ;34.6320
P22=-77.3600 ;34.5000
P23=-77.5000 ;34.3700
P24=-77.6443 ;34.2467
P25=-77.7887 ;34.1233
P26=-77.9330 ;34.0000
P27=-78.0000 ;33.9510
P28=-78.1667 ;33.8480
P29=-78.3333 ;33.7450
P30=-78.5000 ;33.6420
P31=-78.6335 ;33.5710
P32=-78.7670 ;33.5000
P33=-78.8835 ;33.4500
P34=-79.0000 ;33.4000
P35=-79.1667 ;33.3503
P36=-79.3333 ;33.3007
P37=-79.5000 ;33.2510
P38=-79.6667 ;33.2303
P39=-79.8333 ;33.2097
P40=-80.0000 ;33.1890
P41=-80.1667 ;33.2123
P42=-80.3333 ;33.2357
P43=-80.5000 ;33.2590
P44=-80.6453 ;33.3393
P45=-80.7907 ;33.4197
P46=-80.9360 ;33.5000
P47=-81.0000 ;33.5710
P48=-81.0710 ;33.7140
P49=-81.1420 ;33.8570
P50=-81.2130 ;34.0000
P51=-81.2277 ;34.1667
P52=-81.2423 ;34.3333
P53=-81.2570 ;34.5000
P54=-81.2203 ;34.6667
P55=-81.1837 ;34.8333
P56=-81.1470 ;35.0000
P57=-81.0735 ;35.1935
P58=-81.0000 ;35.3870
P59=-80.9490 ;35.5000
P60=-80.8447 ;35.6667
P61=-80.7403 ;35.8333
P62=-80.6360 ;36.0000
P63=-80.5000 ;36.1730
P64=-80.3575 ;36.3365

P65=-80.2150 ;36.5000
P66=-80.1075 ;36.6040
P67=-80.0000 ;36.7080
P68=-79.8290 ;36.8540
P69=-79.6580 ;37.0000
P70=-79.5000 ;37.1200
P71=-79.3333 ;37.2297
P72=-79.1667 ;37.3393
P73=-79.0000 ;37.4490
P74=-78.9030 ;37.5000
P75=-78.7015 ;37.5920
P76=-78.5000 ;37.6840
P77=-78.3333 ;37.7420
P78=-78.1667 ;37.8000
P79=-78.0000 ;37.8580
P80=-77.7500 ;37.9045
P81=-77.5000 ;37.9510
P82=-77.2500 ;37.9370
P83=-77.0000 ;37.9230
P84=-76.8333 ;37.8407
P85=-76.6667 ;37.7583
P86=-76.5000 ;37.6760
[C10]
gain=-2.00
n_point=80
P1=-77.0000 ;36.7360
P2=-76.9725 ;36.6180
P3=-76.9450 ;36.5000
P4=-76.9587 ;36.3813
P5=-76.9725 ;36.2625
P6=-76.9863 ;36.1437
P7=-77.0000 ;36.0250
P8=-77.0030 ;36.0000
P9=-77.0615 ;35.8750
P10=-77.1200 ;35.7500
P11=-77.1785 ;35.6250
P12=-77.2370 ;35.5000
P13=-77.3027 ;35.4015
P14=-77.3685 ;35.3030
P15=-77.4342 ;35.2045
P16=-77.5000 ;35.1060
P17=-77.5820 ;35.0000
P18=-77.6865 ;34.8967
P19=-77.7910 ;34.7935
P20=-77.8955 ;34.6903
P21=-78.0000 ;34.5870
P22=-78.1050 ;34.5000
P23=-78.2367 ;34.4110
P24=-78.3683 ;34.3220
P25=-78.5000 ;34.2330
P26=-78.6440 ;34.1553
P27=-78.7880 ;34.0777
P28=-78.9320 ;34.0000
P29=-79.0000 ;33.9700
P30=-79.1667 ;33.9313
P31=-79.3333 ;33.8927
P32=-79.5000 ;33.8540

P33=-79.6667 ;33.8600
P34=-79.8333 ;33.8660
P35=-80.0000 ;33.8720
P36=-80.1315 ;33.9360
P37=-80.2630 ;34.0000
P38=-80.3420 ;34.0980
P39=-80.4210 ;34.1960
P40=-80.5000 ;34.2940
P41=-80.5400 ;34.3970
P42=-80.5800 ;34.5000
P43=-80.5720 ;34.6250
P44=-80.5640 ;34.7500
P45=-80.5560 ;34.8750
P46=-80.5480 ;35.0000
P47=-80.5000 ;35.1300
P48=-80.4443 ;35.2533
P49=-80.3887 ;35.3767
P50=-80.3330 ;35.5000
P51=-80.2550 ;35.6250
P52=-80.1770 ;35.7500
P53=-80.0990 ;35.8750
P54=-80.0210 ;36.0000
P55=-80.0000 ;36.0250
P56=-79.9078 ;36.1200
P57=-79.8156 ;36.2150
P58=-79.7234 ;36.3100
P59=-79.6312 ;36.4050
P60=-79.5390 ;36.5000
P61=-79.5000 ;36.5320
P62=-79.3750 ;36.6160
P63=-79.2500 ;36.7000
P64=-79.1250 ;36.7840
P65=-79.0000 ;36.8680
P66=-78.8720 ;36.9340
P67=-78.7440 ;37.0000
P68=-78.6220 ;37.0510
P69=-78.5000 ;37.1020
P70=-78.3333 ;37.1417
P71=-78.1667 ;37.1813
P72=-78.0000 ;37.2210
P73=-77.8333 ;37.2120
P74=-77.6667 ;37.2030
P75=-77.5000 ;37.1940
P76=-77.3783 ;37.1293
P77=-77.2567 ;37.0647
P78=-77.1350 ;37.0000
P79=-77.0675 ;36.8680
P80=-77.0000 ;36.7360