

```
[FormatInfo]
format_ver=1
[GeoMain]
ntc_id=9000021
adm=USA
sat_name=USABSS-21
long_nom=-101.0000
n_diag=1
[COHeader]
beam_id=BB07
emi_rcp=E
polar_disc=X
reason=B
n_bore=1
n_cont=17
[B1]
gain=0.00
p=-94.1690;38.9010
[C1]
gain=-30.00
n_point=101
P1=-23.8929 ;47.3864
P2=-24.1020 ;47.3560
P3=-24.5000 ;47.2970
P4=-25.0000 ;47.2350
P5=-25.5000 ;47.1810
P6=-26.0000 ;47.1340
P7=-26.5000 ;47.0710
P8=-26.9430 ;47.0000
P9=-27.0000 ;46.9800
P10=-27.2500 ;46.9085
P11=-27.5000 ;46.8370
P12=-28.0000 ;46.7340
P13=-28.5000 ;46.6580
P14=-29.0000 ;46.5950
P15=-29.4700 ;46.5000
P16=-29.5000 ;46.4870
P17=-29.7500 ;46.3935
P18=-30.0000 ;46.3000
P19=-30.2500 ;46.2395
P20=-30.5000 ;46.1790
P21=-31.0000 ;46.0950
P22=-31.4920 ;46.0000
P23=-31.5000 ;45.9970
P24=-31.7500 ;45.8810
P25=-32.0000 ;45.7650
P26=-32.2500 ;45.6970
P27=-32.5000 ;45.6290
P28=-33.0000 ;45.5420
P29=-33.1500 ;45.5000
P30=-33.5000 ;45.3210
P31=-33.7500 ;45.2265
P32=-34.0000 ;45.1320
P33=-34.2500 ;45.0770
P34=-34.5000 ;45.0220
P35=-34.5820 ;45.0000
P36=-35.0000 ;44.7940
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P37=-35.2500 ;44.6885
P38=-35.5000 ;44.5830
P39=-35.8390 ;44.5000
P40=-36.0000 ;44.3890
P41=-36.2500 ;44.2805
P42=-36.5000 ;44.1720
P43=-36.7330 ;44.0860
P44=-36.9660 ;44.0000
P45=-37.0000 ;43.8960
P46=-37.2500 ;43.7970
P47=-37.5000 ;43.6980
P48=-37.7500 ;43.6020
P49=-38.0000 ;43.5060
P50=-38.0170 ;43.5000
P51=-38.0000 ;43.4620
P52=-37.7500 ;43.3990
P53=-37.5000 ;43.3360
P54=-37.2500 ;43.4010
P55=-37.0000 ;43.4660
P56=-36.7030 ;43.5000
P57=-36.5000 ;43.5800
P58=-36.2500 ;43.6960
P59=-36.0000 ;43.8120
P60=-35.7500 ;43.8700
P61=-35.5000 ;43.9280
P62=-35.2500 ;43.9555
P63=-35.0000 ;43.9830
P64=-34.9380 ;44.0000
P65=-34.7190 ;44.1245
P66=-34.5000 ;44.2490
P67=-34.2500 ;44.3135
P68=-34.0000 ;44.3780
P69=-33.7500 ;44.4105
P70=-33.5000 ;44.4430
P71=-33.2540 ;44.5000
P72=-33.0000 ;44.6270
P73=-32.7500 ;44.7125
P74=-32.5000 ;44.7980
P75=-32.2500 ;44.8415
P76=-32.0000 ;44.8850
P77=-31.5000 ;44.9510
P78=-31.2820 ;45.0000
P79=-31.0000 ;45.1370
P80=-30.7500 ;45.2070
P81=-30.5000 ;45.2770
P82=-30.0000 ;45.3570
P83=-29.5000 ;45.4130
P84=-29.0480 ;45.5000
P85=-29.0000 ;45.5210
P86=-28.7500 ;45.6040
P87=-28.5000 ;45.6870
P88=-28.2500 ;45.7355
P89=-28.0000 ;45.7840
P90=-27.5000 ;45.8470
P91=-27.0000 ;45.8950
P92=-26.5000 ;45.9680
P93=-26.2610 ;46.0000

P94=-26.0000 ;46.0800
P95=-25.7500 ;46.1335
P96=-25.5000 ;46.1870
P97=-25.0000 ;46.2600
P98=-24.5000 ;46.3130
P99=-24.0000 ;46.3520
P100=-23.8580 ;46.3610
P101=-23.6478 ;46.3740

[C2]

gain=-30.00

n_point=208

P1=-25.7832 ;53.6972
P2=-26.0220 ;53.6660
P3=-26.5000 ;53.6020
P4=-27.0000 ;53.5380
P5=-27.3050 ;53.5000
P6=-27.5000 ;53.4660
P7=-28.0000 ;53.3840
P8=-28.5000 ;53.3070
P9=-29.0000 ;53.2220
P10=-29.5000 ;53.1320
P11=-30.0000 ;53.0450
P12=-30.2780 ;53.0000
P13=-30.5000 ;52.9510
P14=-31.0000 ;52.8490
P15=-31.5000 ;52.7490
P16=-32.0000 ;52.6400
P17=-32.5000 ;52.5350
P18=-32.6770 ;52.5000
P19=-33.0000 ;52.4160
P20=-33.5000 ;52.3000
P21=-34.0000 ;52.1740
P22=-34.5000 ;52.0490
P23=-34.7130 ;52.0000
P24=-35.0000 ;51.9150
P25=-35.5000 ;51.7840
P26=-36.0000 ;51.6360
P27=-36.4960 ;51.5000
P28=-36.5000 ;51.4980
P29=-37.0000 ;51.3380
P30=-37.5000 ;51.1850
P31=-38.0000 ;51.0260
P32=-38.0880 ;51.0000
P33=-38.5000 ;50.8530
P34=-39.0000 ;50.6860
P35=-39.5000 ;50.5100
P36=-39.5320 ;50.5000
P37=-40.0000 ;50.3190
P38=-40.5000 ;50.1320
P39=-40.8530 ;50.0000
P40=-41.0000 ;49.9340
P41=-41.5000 ;49.7380
P42=-42.0000 ;49.5290
P43=-42.0740 ;49.5000
P44=-42.5000 ;49.3070
P45=-43.0000 ;49.0910
P46=-43.2090 ;49.0000

P47=-43.5000 ;48.8530
P48=-44.0000 ;48.6270
P49=-44.2660 ;48.5000
P50=-44.5000 ;48.3730
P51=-45.0000 ;48.1330
P52=-45.2590 ;48.0000
P53=-45.5000 ;47.8600
P54=-46.0000 ;47.6060
P55=-46.1930 ;47.5000
P56=-46.5000 ;47.3140
P57=-47.0000 ;47.0440
P58=-47.0760 ;47.0000
P59=-47.5000 ;46.7350
P60=-47.9010 ;46.5000
P61=-48.0000 ;46.4370
P62=-48.5000 ;46.1250
P63=-48.6940 ;46.0000
P64=-49.0000 ;45.7870
P65=-49.4450 ;45.5000
P66=-49.5000 ;45.4620
P67=-50.0000 ;45.1050
P68=-50.1480 ;45.0000
P69=-50.5000 ;44.7330
P70=-50.8190 ;44.5000
P71=-51.0000 ;44.3610
P72=-51.4700 ;44.0000
P73=-51.5000 ;43.9770
P74=-52.0000 ;43.5610
P75=-52.0740 ;43.5000
P76=-52.5000 ;43.1370
P77=-52.6590 ;43.0000
P78=-53.0000 ;42.7010
P79=-53.2250 ;42.5000
P80=-53.5000 ;42.2500
P81=-53.7640 ;42.0000
P82=-54.0000 ;41.7770
P83=-54.2820 ;41.5000
P84=-54.5000 ;41.2820
P85=-54.7770 ;41.0000
P86=-55.0000 ;40.7690
P87=-55.2580 ;40.5000
P88=-55.5000 ;40.2430
P89=-55.7260 ;40.0000
P90=-56.0000 ;39.7010
P91=-56.1810 ;39.5000
P92=-56.5000 ;39.1400
P93=-56.6220 ;39.0000
P94=-57.0000 ;38.5630
P95=-57.0530 ;38.5000
P96=-57.4710 ;38.0000
P97=-57.5000 ;37.9610
P98=-57.8390 ;37.5000
P99=-58.0000 ;37.2760
P100=-58.1900 ;37.0000
P101=-58.5000 ;36.5600
P102=-58.5410 ;36.5000
P103=-58.8180 ;36.0000

P104=-59.0000 ;35.6810
P105=-59.0970 ;35.5000
P106=-59.0050 ;35.0000
P107=-59.0000 ;34.9980
P108=-58.9960 ;35.0000
P109=-58.5000 ;35.2290
P110=-58.0000 ;35.4880
P111=-57.9840 ;35.5000
P112=-57.5000 ;35.8360
P113=-57.2550 ;36.0000
P114=-57.0000 ;36.1790
P115=-56.5000 ;36.4950
P116=-56.4930 ;36.5000
P117=-56.0000 ;36.8740
P118=-55.8180 ;37.0000
P119=-55.5000 ;37.2380
P120=-55.1180 ;37.5000
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P122=-54.5000 ;37.9460
P123=-54.4250 ;38.0000
P124=-54.0000 ;38.3200
P125=-53.7430 ;38.5000
P126=-53.5000 ;38.6780
P127=-53.0220 ;39.0000
P128=-53.0000 ;39.0160
P129=-52.5000 ;39.3700
P130=-52.3000 ;39.5000
P131=-52.0000 ;39.7130
P132=-51.5510 ;40.0000
P133=-51.5000 ;40.0360
P134=-51.0000 ;40.3770
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P137=-50.0760 ;41.0000
P138=-50.0000 ;41.0530
P139=-49.5000 ;41.3770
P140=-49.3000 ;41.5000
P141=-49.0000 ;41.6920
P142=-48.5000 ;41.9990
P143=-48.4970 ;42.0000
P144=-48.0000 ;42.3120
P145=-47.6670 ;42.5000
P146=-47.5000 ;42.6030
P147=-47.0000 ;42.9050
P148=-46.8290 ;43.0000
P149=-46.5000 ;43.2010
P150=-46.0000 ;43.4820
P151=-45.9670 ;43.5000
P152=-45.5000 ;43.7810
P153=-45.0900 ;44.0000
P154=-45.0000 ;44.0510
P155=-44.5000 ;44.3390
P156=-44.1870 ;44.5000
P157=-44.0000 ;44.6020
P158=-43.5000 ;44.8690
P159=-43.2340 ;45.0000
P160=-43.0000 ;45.1210

P161=-42.5000 ;45.3730
P162=-42.2270 ;45.5000
P163=-42.0000 ;45.6130
P164=-41.5000 ;45.8550
P165=-41.1750 ;46.0000
P166=-41.0000 ;46.0850
P167=-40.5000 ;46.3170
P168=-40.0800 ;46.5000
P169=-40.0000 ;46.5390
P170=-39.5000 ;46.7610
P171=-39.0000 ;46.9730
P172=-38.9340 ;47.0000
P173=-38.5000 ;47.1890
P174=-38.0000 ;47.3920
P175=-37.7310 ;47.5000
P176=-37.5000 ;47.6010
P177=-37.0000 ;47.7930
P178=-36.5000 ;47.9810
P179=-36.4480 ;48.0000
P180=-36.0000 ;48.1750
P181=-35.5000 ;48.3460
P182=-35.0410 ;48.5000
P183=-35.0000 ;48.5150
P184=-34.5000 ;48.6910
P185=-34.0000 ;48.8470
P186=-33.5000 ;48.9910
P187=-33.4710 ;49.0000
P188=-33.0000 ;49.1500
P189=-32.5000 ;49.2950
P190=-32.0000 ;49.4250
P191=-31.6960 ;49.5000
P192=-31.5000 ;49.5530
P193=-31.0000 ;49.6860
P194=-30.5000 ;49.8070
P195=-30.0000 ;49.9170
P196=-29.5930 ;50.0000
P197=-29.5000 ;50.0220
P198=-29.0000 ;50.1310
P199=-28.5000 ;50.2340
P200=-28.0000 ;50.3290
P201=-27.5000 ;50.4160
P202=-27.0000 ;50.4950
P203=-26.9650 ;50.5000
P204=-26.5000 ;50.5770
P205=-26.0000 ;50.6500
P206=-25.5000 ;50.7210
P207=-25.0560 ;50.7800
P208=-24.8316 ;50.8091
[C3]
gain=-30.00
n_point=116
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P2=-52.4640 ;48.0000
P3=-52.5000 ;47.9000
P4=-52.6220 ;47.5000
P5=-52.7800 ;47.2500
P6=-52.9380 ;47.0000

P7=-53.0000 ;46.9260
P8=-53.1525 ;46.7130
P9=-53.3050 ;46.5000
P10=-53.5000 ;46.2590
P11=-53.6850 ;46.0000
P12=-53.8425 ;45.8080
P13=-54.0000 ;45.6160
P14=-54.0970 ;45.5000
P15=-54.2985 ;45.2760
P16=-54.5000 ;45.0520
P17=-54.5450 ;45.0000
P18=-54.7725 ;44.7710
P19=-55.0000 ;44.5420
P20=-55.0380 ;44.5000
P21=-55.2690 ;44.2745
P22=-55.5000 ;44.0490
P23=-55.5470 ;44.0000
P24=-55.7735 ;43.7800
P25=-56.0000 ;43.5600
P26=-56.0580 ;43.5000
P27=-56.2790 ;43.2845
P28=-56.5000 ;43.0690
P29=-56.5670 ;43.0000
P30=-56.7835 ;42.7910
P31=-57.0000 ;42.5820
P32=-57.0810 ;42.5000
P33=-57.2905 ;42.3040
P34=-57.5000 ;42.1080
P35=-57.6110 ;42.0000
P36=-57.8055 ;41.8245
P37=-58.0000 ;41.6490
P38=-58.1590 ;41.5000
P39=-58.5000 ;41.2000
P40=-58.7210 ;41.0000
P41=-59.0000 ;40.7540
P42=-59.2840 ;40.5000
P43=-59.5000 ;40.3080
P44=-59.8440 ;40.0000
P45=-60.0000 ;39.8610
P46=-60.2030 ;39.6805
P47=-60.4060 ;39.5000
P48=-60.5000 ;39.4170
P49=-60.7395 ;39.2085
P50=-60.9790 ;39.0000
P51=-61.0000 ;38.9810
P52=-61.2500 ;38.7805
P53=-61.5000 ;38.5800
P54=-61.6100 ;38.5000
P55=-62.0000 ;38.2030
P56=-62.2870 ;38.0000
P57=-62.5000 ;37.8560
P58=-62.7500 ;37.7390
P59=-63.0000 ;37.6220
P60=-63.1705 ;37.8110
P61=-63.3410 ;38.0000
P62=-63.2535 ;38.2500
P63=-63.1660 ;38.5000

P64=-63.0830 ;38.7150
P65=-63.0000 ;38.9300
P66=-62.9680 ;39.0000
P67=-62.8275 ;39.2500
P68=-62.6870 ;39.5000
P69=-62.5000 ;39.8140
P70=-62.3790 ;40.0000
P71=-62.2105 ;40.2500
P72=-62.0420 ;40.5000
P73=-62.0000 ;40.5610
P74=-61.8330 ;40.7805
P75=-61.6660 ;41.0000
P76=-61.5000 ;41.2320
P77=-61.2890 ;41.5000
P78=-61.0000 ;41.8810
P79=-60.9010 ;42.0000
P80=-60.7005 ;42.2460
P81=-60.5000 ;42.4920
P82=-60.4930 ;42.5000
P83=-60.2660 ;42.7500
P84=-60.0390 ;43.0000
P85=-60.0000 ;43.0430
P86=-59.7820 ;43.2715
P87=-59.5640 ;43.5000
P88=-59.5000 ;43.5670
P89=-59.2845 ;43.7835
P90=-59.0690 ;44.0000
P91=-59.0000 ;44.0690
P92=-58.7745 ;44.2845
P93=-58.5490 ;44.5000
P94=-58.5000 ;44.5470
P95=-58.2500 ;44.7730
P96=-58.0000 ;44.9990
P97=-57.9990 ;45.0000
P98=-57.7495 ;45.2025
P99=-57.5000 ;45.4050
P100=-57.3810 ;45.5000
P101=-57.0000 ;45.7950
P102=-56.7370 ;46.0000
P103=-56.5000 ;46.1790
P104=-56.0840 ;46.5000
P105=-56.0000 ;46.5630
P106=-55.7500 ;46.7470
P107=-55.5000 ;46.9310
P108=-55.3840 ;47.0000
P109=-55.0000 ;47.2220
P110=-54.5400 ;47.5000
P111=-54.5000 ;47.5220
P112=-54.0000 ;47.7720
P113=-53.5820 ;48.0000
P114=-53.5000 ;48.0420
P115=-53.0000 ;48.1180
P116=-52.5000 ;48.0440
[C4]
gain=-30.00
n_point=67
P1=-74.0000 ;48.8950

P2=-73.9764 ;48.8160
P3=-73.9528 ;48.7370
P4=-73.9292 ;48.6580
P5=-73.9056 ;48.5790
P6=-73.8820 ;48.5000
P7=-73.8837 ;48.4167
P8=-73.8853 ;48.3333
P9=-73.8870 ;48.2500
P10=-73.8887 ;48.1667
P11=-73.8903 ;48.0833
P12=-73.8920 ;48.0000
P13=-73.8958 ;47.9167
P14=-73.8997 ;47.8333
P15=-73.9035 ;47.7500
P16=-73.9073 ;47.6667
P17=-73.9112 ;47.5833
P18=-73.9150 ;47.5000
P19=-73.9433 ;47.4227
P20=-73.9717 ;47.3453
P21=-74.0000 ;47.2680
P22=-74.0573 ;47.2010
P23=-74.1145 ;47.1340
P24=-74.1718 ;47.0670
P25=-74.2290 ;47.0000
P26=-74.2600 ;46.9286
P27=-74.2910 ;46.8571
P28=-74.3220 ;46.7857
P29=-74.3530 ;46.7143
P30=-74.3840 ;46.6429
P31=-74.4150 ;46.5714
P32=-74.4460 ;46.5000
P33=-74.4730 ;46.4405
P34=-74.5000 ;46.3810
P35=-74.5855 ;46.4405
P36=-74.6710 ;46.5000
P37=-74.6863 ;46.5833
P38=-74.7017 ;46.6667
P39=-74.7170 ;46.7500
P40=-74.7323 ;46.8333
P41=-74.7477 ;46.9167
P42=-74.7630 ;47.0000
P43=-74.7652 ;47.0833
P44=-74.7673 ;47.1667
P45=-74.7695 ;47.2500
P46=-74.7717 ;47.3333
P47=-74.7738 ;47.4167
P48=-74.7760 ;47.5000
P49=-74.7450 ;47.5833
P50=-74.7140 ;47.6667
P51=-74.6830 ;47.7500
P52=-74.6520 ;47.8333
P53=-74.6210 ;47.9167
P54=-74.5900 ;48.0000
P55=-74.5720 ;48.0798
P56=-74.5540 ;48.1596
P57=-74.5360 ;48.2394
P58=-74.5180 ;48.3192

P59=-74.5000 ;48.3990
P60=-74.4440 ;48.4495
P61=-74.3880 ;48.5000
P62=-74.3233 ;48.5658
P63=-74.2587 ;48.6317
P64=-74.1940 ;48.6975
P65=-74.1293 ;48.7633
P66=-74.0647 ;48.8292
P67=-74.0000 ;48.8950
[C5]
gain=-30.00
n_point=86
P1=-79.5000 ;34.5520
P2=-79.2760 ;34.5000
P3=-79.2833 ;34.3333
P4=-79.2907 ;34.1667
P5=-79.2980 ;34.0000
P6=-79.3450 ;33.8333
P7=-79.3920 ;33.6667
P8=-79.4390 ;33.5000
P9=-79.5000 ;33.3450
P10=-79.5935 ;33.1725
P11=-79.6870 ;33.0000
P12=-79.7713 ;32.8333
P13=-79.8557 ;32.6667
P14=-79.9400 ;32.5000
P15=-80.0000 ;32.3940
P16=-80.1410 ;32.1970
P17=-80.2820 ;32.0000
P18=-80.3910 ;31.8180
P19=-80.5000 ;31.6360
P20=-80.6060 ;31.5000
P21=-80.7277 ;31.3333
P22=-80.8493 ;31.1667
P23=-80.9710 ;31.0000
P24=-81.0000 ;30.9610
P25=-81.1343 ;30.8073
P26=-81.2687 ;30.6537
P27=-81.4030 ;30.5000
P28=-81.5000 ;30.3830
P29=-81.6815 ;30.1915
P30=-81.8630 ;30.0000
P31=-82.0000 ;29.8580
P32=-82.1920 ;29.6790
P33=-82.3840 ;29.5000
P34=-82.5000 ;29.3880
P35=-82.6447 ;29.2587
P36=-82.7893 ;29.1293
P37=-82.9340 ;29.0000
P38=-83.0000 ;28.9440
P39=-83.1667 ;28.8160
P40=-83.3333 ;28.6880
P41=-83.5000 ;28.5600
P42=-83.6310 ;28.5000
P43=-83.8155 ;28.4240
P44=-84.0000 ;28.3480
P45=-84.1080 ;28.5000

P46=-84.0000 ;28.6390
P47=-83.8745 ;28.8195
P48=-83.7490 ;29.0000
P49=-83.6245 ;29.1790
P50=-83.5000 ;29.3580
P51=-83.4000 ;29.5000
P52=-83.2807 ;29.6667
P53=-83.1613 ;29.8333
P54=-83.0420 ;30.0000
P55=-83.0000 ;30.0540
P56=-82.8760 ;30.2027
P57=-82.7520 ;30.3513
P58=-82.6280 ;30.5000
P59=-82.5000 ;30.6820
P60=-82.3710 ;30.8410
P61=-82.2420 ;31.0000
P62=-82.1210 ;31.1820
P63=-82.0000 ;31.3640
P64=-81.8870 ;31.5000
P65=-81.7690 ;31.6667
P66=-81.6510 ;31.8333
P67=-81.5330 ;32.0000
P68=-81.5000 ;32.0530
P69=-81.3783 ;32.2020
P70=-81.2567 ;32.3510
P71=-81.1350 ;32.5000
P72=-81.0675 ;32.6105
P73=-81.0000 ;32.7210
P74=-80.8785 ;32.8605
P75=-80.7570 ;33.0000
P76=-80.6285 ;33.2085
P77=-80.5000 ;33.4170
P78=-80.4120 ;33.5000
P79=-80.2860 ;33.6667
P80=-80.1600 ;33.8333
P81=-80.0340 ;34.0000
P82=-80.0000 ;34.0520
P83=-79.8457 ;34.2013
P84=-79.6913 ;34.3507
P85=-79.5370 ;34.5000
P86=-79.5000 ;34.5520
[C6]
gain=-30.00
n_point=161
P1=-79.5000 ;49.1430
P2=-79.4620 ;49.0000
P3=-79.3090 ;48.5000
P4=-79.2280 ;48.0000
P5=-79.1330 ;47.5000
P6=-79.1090 ;47.0000
P7=-79.0670 ;46.5000
P8=-79.0800 ;46.0000
P9=-79.0670 ;45.5000
P10=-79.1040 ;45.0000
P11=-79.1150 ;44.5000
P12=-79.1750 ;44.0000
P13=-79.2060 ;43.5000

P14=-79.2800 ;43.0000
P15=-79.3260 ;42.5000
P16=-79.4090 ;42.0000
P17=-79.4810 ;41.5000
P18=-79.5000 ;41.4040
P19=-79.6030 ;41.0000
P20=-79.7360 ;40.5000
P21=-79.8560 ;40.0000
P22=-80.0000 ;39.5030
P23=-80.0010 ;39.5000
P24=-80.1870 ;39.0000
P25=-80.3670 ;38.5000
P26=-80.5000 ;38.1530
P27=-80.5740 ;38.0000
P28=-80.8020 ;37.5000
P29=-81.0000 ;37.0120
P30=-81.0060 ;37.0000
P31=-81.2900 ;36.5000
P32=-81.5000 ;36.0630
P33=-81.5370 ;36.0000
P34=-81.8300 ;35.5000
P35=-82.0000 ;35.1690
P36=-82.1050 ;35.0000
P37=-82.4110 ;34.5000
P38=-82.5000 ;34.3480
P39=-82.7430 ;34.0000
P40=-83.0000 ;33.5810
P41=-83.0590 ;33.5000
P42=-83.4160 ;33.0000
P43=-83.5000 ;32.8720
P44=-83.7900 ;32.5000
P45=-84.0000 ;32.2160
P46=-84.1840 ;32.0000
P47=-84.5000 ;31.6060
P48=-84.5970 ;31.5000
P49=-85.0000 ;31.0390
P50=-85.0380 ;31.0000
P51=-85.5000 ;30.5400
P52=-85.5440 ;30.5000
P53=-86.0000 ;30.0800
P54=-86.0950 ;30.0000
P55=-86.5000 ;29.6590
P56=-86.7000 ;29.5000
P57=-87.0000 ;29.2850
P58=-87.3910 ;29.0000
P59=-87.5000 ;28.9260
P60=-88.0000 ;28.5960
P61=-88.1540 ;28.5000
P62=-88.5000 ;28.3130
P63=-89.0000 ;28.0100
P64=-89.0170 ;28.0000
P65=-89.5000 ;27.7910
P66=-90.0000 ;27.5470
P67=-90.1010 ;27.5000
P68=-90.5000 ;27.3670
P69=-91.0000 ;27.2070
P70=-91.5000 ;27.0280

P71=-91.5990 ;27.0000
P72=-92.0000 ;26.9450
P73=-92.5000 ;26.9040
P74=-93.0000 ;26.8940
P75=-93.5000 ;26.9210
P76=-94.0000 ;26.9890
P77=-94.0610 ;27.0000
P78=-94.0000 ;27.0120
P79=-93.5000 ;27.1750
P80=-93.1270 ;27.5000
P81=-93.0000 ;27.5350
P82=-92.5000 ;27.7190
P83=-92.0770 ;28.0000
P84=-92.0000 ;28.0250
P85=-91.5000 ;28.2170
P86=-91.0600 ;28.5000
P87=-91.0000 ;28.5260
P88=-90.5000 ;28.7940
P89=-90.2500 ;29.0000
P90=-90.0000 ;29.1470
P91=-89.5820 ;29.5000
P92=-89.5000 ;29.5530
P93=-89.0000 ;29.9910
P94=-88.9910 ;30.0000
P95=-88.5000 ;30.4810
P96=-88.4840 ;30.5000
P97=-88.0130 ;31.0000
P98=-88.0000 ;31.0130
P99=-87.5540 ;31.5000
P100=-87.5000 ;31.5630
P101=-87.1270 ;32.0000
P102=-87.0000 ;32.1540
P103=-86.7080 ;32.5000
P104=-86.5000 ;32.7820
P105=-86.3230 ;33.0000
P106=-86.0000 ;33.4860
P107=-85.9890 ;33.5000
P108=-85.5980 ;34.0000
P109=-85.5000 ;34.1580
P110=-85.2370 ;34.5000
P111=-85.0000 ;34.9220
P112=-84.9420 ;35.0000
P113=-84.6010 ;35.5000
P114=-84.5000 ;35.7020
P115=-84.2890 ;36.0000
P116=-84.0350 ;36.5000
P117=-84.0000 ;36.5940
P118=-83.7380 ;37.0000
P119=-83.5400 ;37.5000
P120=-83.5000 ;37.6530
P121=-83.3270 ;38.0000
P122=-83.1040 ;38.5000
P123=-83.0000 ;38.9360
P124=-82.9680 ;39.0000
P125=-82.7900 ;39.5000
P126=-82.6460 ;40.0000
P127=-82.5450 ;40.5000

P128=-82.5000 ;40.9800
P129=-82.4950 ;41.0000
P130=-82.3880 ;41.5000
P131=-82.3080 ;42.0000
P132=-82.3000 ;42.5000
P133=-82.2430 ;43.0000
P134=-82.2570 ;43.5000
P135=-82.2710 ;44.0000
P136=-82.2950 ;44.5000
P137=-82.3610 ;45.0000
P138=-82.3820 ;45.5000
P139=-82.4710 ;46.0000
P140=-82.5000 ;46.3080
P141=-82.5110 ;46.5000
P142=-82.5670 ;47.0000
P143=-82.6140 ;47.5000
P144=-82.6550 ;48.0000
P145=-82.7080 ;48.5000
P146=-82.7250 ;49.0000
P147=-82.7730 ;49.5000
P148=-82.7570 ;50.0000
P149=-82.7190 ;50.5000
P150=-82.5260 ;51.0000
P151=-82.5000 ;51.0360
P152=-82.0000 ;51.2860
P153=-81.5000 ;51.2470
P154=-81.0000 ;51.0480
P155=-80.9320 ;51.0000
P156=-80.5000 ;50.6990
P157=-80.3060 ;50.5000
P158=-80.0000 ;50.1210
P159=-79.9350 ;50.0000
P160=-79.6470 ;49.5000
P161=-79.5000 ;49.1430

[C7]

gain=-30.00

n_point=165

P1=-84.0000 ;43.2420
P2=-83.9790 ;43.0000
P3=-83.9680 ;42.5000
P4=-83.9410 ;42.0000
P5=-83.9690 ;41.5000
P6=-83.9900 ;41.0000
P7=-84.0000 ;40.7080
P8=-84.0170 ;40.5000
P9=-84.1710 ;40.0000
P10=-84.2850 ;39.5000
P11=-84.3840 ;39.0000
P12=-84.5000 ;38.5420
P13=-84.5170 ;38.5000
P14=-84.7540 ;38.0000
P15=-84.9300 ;37.5000
P16=-85.0000 ;37.2600
P17=-85.1370 ;37.0000
P18=-85.3840 ;36.5000
P19=-85.5000 ;36.2720
P20=-85.6800 ;36.0000

P21=-85.9460 ;35.5000
P22=-86.0000 ;35.4100
P23=-86.3000 ;35.0000
P24=-86.5000 ;34.6740
P25=-86.6360 ;34.5000
P26=-86.9780 ;34.0000
P27=-87.0000 ;33.9710
P28=-87.3880 ;33.5000
P29=-87.5000 ;33.3540
P30=-87.8170 ;33.0000
P31=-88.0000 ;32.7830
P32=-88.2690 ;32.5000
P33=-88.5000 ;32.2410
P34=-88.7460 ;32.0000
P35=-89.0000 ;31.7500
P36=-89.2810 ;31.5000
P37=-89.5000 ;31.3080
P38=-89.8730 ;31.0000
P39=-90.0000 ;30.8960
P40=-90.5000 ;30.5240
P41=-90.5360 ;30.5000
P42=-91.0000 ;30.2350
P43=-91.4400 ;30.0000
P44=-91.5000 ;29.9670
P45=-92.0000 ;29.7710
P46=-92.5000 ;29.6080
P47=-92.8870 ;29.5000
P48=-93.0000 ;29.4720
P49=-93.5000 ;29.4010
P50=-94.0000 ;29.3610
P51=-94.5000 ;29.3530
P52=-95.0000 ;29.3700
P53=-95.5000 ;29.4140
P54=-96.0000 ;29.4730
P55=-96.1640 ;29.5000
P56=-96.5000 ;29.5900
P57=-97.0000 ;29.7400
P58=-97.5000 ;29.8990
P59=-97.8300 ;30.0000
P60=-98.0000 ;30.0850
P61=-98.5000 ;30.3530
P62=-98.7950 ;30.5000
P63=-99.0000 ;30.6400
P64=-99.5000 ;30.9840
P65=-99.5220 ;31.0000
P66=-100.0000;31.4180
P67=-100.0860;31.5000
P68=-100.5000;31.9390
P69=-100.5510;32.0000
P70=-100.9820;32.5000
P71=-101.0000;32.5210
P72=-101.3170;33.0000
P73=-101.5000;33.2530
P74=-101.6490;33.5000
P75=-101.9820;34.0000
P76=-102.0000;34.0270
P77=-102.2410;34.5000

P78=-102.5000;34.9830
P79=-102.5090;35.0000
P80=-102.7300;35.5000
P81=-102.9360;36.0000
P82=-103.0000;36.1690
P83=-103.1300;36.5000
P84=-103.2820;37.0000
P85=-103.4100;37.5000
P86=-103.5000;37.9360
P87=-103.5250;38.0000
P88=-103.6390;38.5000
P89=-103.6980;39.0000
P90=-103.7280;39.5000
P91=-103.7400;40.0000
P92=-103.7220;40.5000
P93=-103.6650;41.0000
P94=-103.5370;41.5000
P95=-103.5000;41.5810
P96=-103.4200;42.0000
P97=-103.2970;42.5000
P98=-103.1160;43.0000
P99=-103.0000;43.2010
P100=-102.8780;43.5000
P101=-102.6620;44.0000
P102=-102.5000;44.3120
P103=-102.4000;44.5000
P104=-102.1240;45.0000
P105=-102.0000;45.1960
P106=-101.7980;45.5000
P107=-101.5000;45.9480
P108=-101.4600;46.0000
P109=-101.0680;46.5000
P110=-101.0000;46.5850
P111=-100.6240;47.0000
P112=-100.5000;47.1390
P113=-100.1260;47.5000
P114=-100.0000;47.6180
P115=-99.5600 ;48.0000
P116=-99.5000 ;48.0490
P117=-99.0000 ;48.4180
P118=-98.8780 ;48.5000
P119=-98.5000 ;48.7310
P120=-98.0520 ;49.0000
P121=-98.0000 ;49.0280
P122=-97.5000 ;49.2530
P123=-97.0000 ;49.4680
P124=-96.9080 ;49.5000
P125=-96.5000 ;49.6210
P126=-96.0000 ;49.7470
P127=-95.5000 ;49.8500
P128=-95.0000 ;49.9320
P129=-94.5000 ;49.9930
P130=-94.4140 ;50.0000
P131=-94.0000 ;50.0260
P132=-93.5000 ;50.0470
P133=-93.0000 ;50.0630
P134=-92.5000 ;50.0750

P135=-92.0000 ;50.0800
P136=-91.5000 ;50.0770
P137=-91.0000 ;50.0640
P138=-90.5000 ;50.0400
P139=-90.0000 ;50.0060
P140=-89.9430 ;50.0000
P141=-89.5000 ;49.9390
P142=-89.0000 ;49.8430
P143=-88.5000 ;49.7230
P144=-88.0000 ;49.5780
P145=-87.7910 ;49.5000
P146=-87.5000 ;49.3690
P147=-87.0000 ;49.1010
P148=-86.8500 ;49.0000
P149=-86.5000 ;48.7310
P150=-86.2520 ;48.5000
P151=-86.0000 ;48.2580
P152=-85.7880 ;48.0000
P153=-85.5000 ;47.6060
P154=-85.4430 ;47.5000
P155=-85.1450 ;47.0000
P156=-85.0000 ;46.7420
P157=-84.9070 ;46.5000
P158=-84.7010 ;46.0000
P159=-84.5000 ;45.5450
P160=-84.4870 ;45.5000
P161=-84.3760 ;45.0000
P162=-84.2320 ;44.5000
P163=-84.1490 ;44.0000
P164=-84.0400 ;43.5000
P165=-84.0000 ;43.2420

[C8]

gain=-30.00

n_point=71

P1=-88.0000 ;43.4370
P2=-88.0370 ;43.5000
P3=-88.0632 ;43.5833
P4=-88.0893 ;43.6667
P5=-88.1155 ;43.7500
P6=-88.1417 ;43.8333
P7=-88.1678 ;43.9167
P8=-88.1940 ;44.0000
P9=-88.2450 ;44.0805
P10=-88.2960 ;44.1610
P11=-88.3470 ;44.2415
P12=-88.3980 ;44.3220
P13=-88.4490 ;44.4025
P14=-88.5000 ;44.4830
P15=-88.5620 ;44.4025
P16=-88.6240 ;44.3220
P17=-88.6860 ;44.2415
P18=-88.7480 ;44.1610
P19=-88.8100 ;44.0805
P20=-88.8720 ;44.0000
P21=-88.8570 ;43.9167
P22=-88.8420 ;43.8333
P23=-88.8270 ;43.7500

P24=-88.8120 ;43.6667
P25=-88.7970 ;43.5833
P26=-88.7820 ;43.5000
P27=-88.7803 ;43.4167
P28=-88.7787 ;43.3333
P29=-88.7770 ;43.2500
P30=-88.7753 ;43.1667
P31=-88.7737 ;43.0833
P32=-88.7720 ;43.0000
P33=-88.7580 ;42.9167
P34=-88.7440 ;42.8333
P35=-88.7300 ;42.7500
P36=-88.7160 ;42.6667
P37=-88.7020 ;42.5833
P38=-88.6880 ;42.5000
P39=-88.6504 ;42.4096
P40=-88.6128 ;42.3192
P41=-88.5752 ;42.2288
P42=-88.5376 ;42.1384
P43=-88.5000 ;42.0480
P44=-88.4300 ;42.0240
P45=-88.3600 ;42.0000
P46=-88.2880 ;41.9360
P47=-88.2160 ;41.8720
P48=-88.1440 ;41.8080
P49=-88.0720 ;41.7440
P50=-88.0000 ;41.6800
P51=-87.9788 ;41.7600
P52=-87.9575 ;41.8400
P53=-87.9362 ;41.9200
P54=-87.9150 ;42.0000
P55=-87.9183 ;42.0833
P56=-87.9217 ;42.1667
P57=-87.9250 ;42.2500
P58=-87.9283 ;42.3333
P59=-87.9317 ;42.4167
P60=-87.9350 ;42.5000
P61=-87.9198 ;42.5833
P62=-87.9047 ;42.6667
P63=-87.8895 ;42.7500
P64=-87.8743 ;42.8333
P65=-87.8592 ;42.9167
P66=-87.8440 ;43.0000
P67=-87.8752 ;43.0874
P68=-87.9064 ;43.1748
P69=-87.9376 ;43.2622
P70=-87.9688 ;43.3496
P71=-88.0000 ;43.4370
[C9]
gain=-30.00
n_point=67
P1=-89.5000 ;36.4760
P2=-89.5325 ;36.4284
P3=-89.5650 ;36.3808
P4=-89.5975 ;36.3332
P5=-89.6300 ;36.2856
P6=-89.6625 ;36.2380

P7=-89.6950 ;36.1904
P8=-89.7275 ;36.1428
P9=-89.7600 ;36.0952
P10=-89.7925 ;36.0476
P11=-89.8250 ;36.0000
P12=-89.8687 ;35.9550
P13=-89.9125 ;35.9100
P14=-89.9563 ;35.8650
P15=-90.0000 ;35.8200
P16=-90.0320 ;35.7667
P17=-90.0640 ;35.7133
P18=-90.0960 ;35.6600
P19=-90.1280 ;35.6067
P20=-90.1600 ;35.5533
P21=-90.1920 ;35.5000
P22=-90.2014 ;35.4444
P23=-90.2109 ;35.3889
P24=-90.2203 ;35.3333
P25=-90.2298 ;35.2778
P26=-90.2392 ;35.2222
P27=-90.2487 ;35.1667
P28=-90.2581 ;35.1111
P29=-90.2676 ;35.0556
P30=-90.2770 ;35.0000
P31=-90.2216 ;34.9776
P32=-90.1662 ;34.9552
P33=-90.1108 ;34.9328
P34=-90.0554 ;34.9104
P35=-90.0000 ;34.8880
P36=-89.9710 ;34.9253
P37=-89.9420 ;34.9627
P38=-89.9130 ;35.0000
P39=-89.8753 ;35.0500
P40=-89.8376 ;35.1000
P41=-89.7999 ;35.1500
P42=-89.7622 ;35.2000
P43=-89.7245 ;35.2500
P44=-89.6868 ;35.3000
P45=-89.6491 ;35.3500
P46=-89.6114 ;35.4000
P47=-89.5737 ;35.4500
P48=-89.5360 ;35.5000
P49=-89.5000 ;35.5350
P50=-89.4739 ;35.5867
P51=-89.4478 ;35.6383
P52=-89.4217 ;35.6900
P53=-89.3956 ;35.7417
P54=-89.3694 ;35.7933
P55=-89.3433 ;35.8450
P56=-89.3172 ;35.8967
P57=-89.2911 ;35.9483
P58=-89.2650 ;36.0000
P59=-89.2911 ;36.0529
P60=-89.3172 ;36.1058
P61=-89.3433 ;36.1587
P62=-89.3694 ;36.2116
P63=-89.3956 ;36.2644

P64=-89.4217 ;36.3173
P65=-89.4478 ;36.3702
P66=-89.4739 ;36.4231
P67=-89.5000 ;36.4760
[C10]
gain=-20.00
n_point=124
P1=-89.0000 ;41.6920
P2=-88.9780 ;41.5000
P3=-88.9500 ;41.0000
P4=-88.9360 ;40.5000
P5=-88.9370 ;40.0000
P6=-88.9890 ;39.5000
P7=-89.0000 ;39.4470
P8=-89.0970 ;39.0000
P9=-89.2310 ;38.5000
P10=-89.3790 ;38.0000
P11=-89.5000 ;37.6130
P12=-89.5470 ;37.5000
P13=-89.7910 ;37.0000
P14=-89.9980 ;36.5000
P15=-90.0000 ;36.4980
P16=-90.1840 ;36.2490
P17=-90.3680 ;36.0000
P18=-90.5000 ;35.7110
P19=-90.6590 ;35.5000
P20=-90.8290 ;35.2500
P21=-90.9990 ;35.0000
P22=-91.0000 ;34.9980
P23=-91.2245 ;34.7490
P24=-91.4490 ;34.5000
P25=-91.5000 ;34.4360
P26=-91.7315 ;34.2180
P27=-91.9630 ;34.0000
P28=-92.0000 ;33.9610
P29=-92.2500 ;33.7680
P30=-92.5000 ;33.5750
P31=-92.6220 ;33.5000
P32=-93.0000 ;33.2640
P33=-93.5000 ;33.0480
P34=-93.6560 ;33.0000
P35=-94.0000 ;32.8840
P36=-94.5000 ;32.8190
P37=-95.0000 ;32.8290
P38=-95.5000 ;32.9100
P39=-95.7880 ;33.0000
P40=-96.0000 ;33.0680
P41=-96.5000 ;33.2960
P42=-96.8760 ;33.5000
P43=-97.0000 ;33.5770
P44=-97.5000 ;33.9240
P45=-97.6080 ;34.0000
P46=-98.0000 ;34.3460
P47=-98.1880 ;34.5000
P48=-98.5000 ;34.8370
P49=-98.6820 ;35.0000
P50=-99.0000 ;35.4030

P51=-99.1060 ;35.5000
P52=-99.2795 ;35.7500
P53=-99.4530 ;36.0000
P54=-99.5000 ;36.1030
P55=-99.8530 ;36.5000
P56=-100.0000;36.8120
P57=-100.3080;37.0000
P58=-100.5000;37.2180
P59=-101.0000;37.3170
P60=-101.1320;37.5000
P61=-101.2985;37.7500
P62=-101.4650;38.0000
P63=-101.5000;38.0660
P64=-101.5960;38.5000
P65=-101.6700;39.0000
P66=-101.7060;39.5000
P67=-101.7000;40.0000
P68=-101.6550;40.5000
P69=-101.5780;41.0000
P70=-101.5000;41.3740
P71=-101.4420;41.5000
P72=-101.2030;42.0000
P73=-101.0000;42.4930
P74=-100.9080;42.5000
P75=-100.5000;42.5550
P76=-100.4900;42.5000
P77=-100.4460;42.0000
P78=-100.4160;41.5000
P79=-100.3600;41.0000
P80=-100.2090;40.5000
P81=-100.0000;40.2320
P82=-99.7880 ;40.5000
P83=-99.5000 ;40.6450
P84=-99.3100 ;41.0000
P85=-99.0000 ;41.3150
P86=-98.8940 ;41.5000
P87=-98.7120 ;41.7500
P88=-98.5300 ;42.0000
P89=-98.5000 ;42.0280
P90=-98.1430 ;42.5000
P91=-98.0000 ;42.6540
P92=-97.7110 ;43.0000
P93=-97.5000 ;43.2280
P94=-97.2480 ;43.5000
P95=-97.0000 ;43.7530
P96=-96.7440 ;44.0000
P97=-96.5000 ;44.2270
P98=-96.1800 ;44.5000
P99=-96.0000 ;44.6510
P100=-95.5360 ;45.0000
P101=-95.5000 ;45.0270
P102=-95.0000 ;45.3220
P103=-94.6440 ;45.5000
P104=-94.5000 ;45.5730
P105=-94.0000 ;45.7590
P106=-93.5000 ;45.8880
P107=-93.0000 ;45.9540

P108=-92.5000 ;45.9510
P109=-92.0000 ;45.8720
P110=-91.5000 ;45.7020
P111=-91.1450 ;45.5000
P112=-91.0000 ;45.4150
P113=-90.5030 ;45.0000
P114=-90.5000 ;44.9970
P115=-90.2935 ;44.7485
P116=-90.0870 ;44.5000
P117=-90.0000 ;44.3850
P118=-89.7920 ;44.0000
P119=-89.5090 ;43.5000
P120=-89.5000 ;43.4810
P121=-89.3520 ;43.0000
P122=-89.2010 ;42.5000
P123=-89.0580 ;42.0000
P124=-89.0000 ;41.6920
[C11]
gain=-10.00
n_point=112
P1=-90.5000 ;42.2240
P2=-90.4060 ;42.0000
P3=-90.3245 ;41.7500
P4=-90.2430 ;41.5000
P5=-90.1815 ;41.2500
P6=-90.1200 ;41.0000
P7=-90.0865 ;40.7500
P8=-90.0530 ;40.5000
P9=-90.0470 ;40.2500
P10=-90.0410 ;40.0000
P11=-90.0550 ;39.7500
P12=-90.0690 ;39.5000
P13=-90.1030 ;39.2500
P14=-90.1370 ;39.0000
P15=-90.1935 ;38.7500
P16=-90.2500 ;38.5000
P17=-90.3225 ;38.2500
P18=-90.3950 ;38.0000
P19=-90.5000 ;37.7000
P20=-90.5870 ;37.5000
P21=-90.7100 ;37.2500
P22=-90.8330 ;37.0000
P23=-91.0000 ;36.6840
P24=-91.1180 ;36.5000
P25=-91.2930 ;36.2500
P26=-91.4680 ;36.0000
P27=-91.5000 ;35.9580
P28=-91.7080 ;35.7290
P29=-91.9160 ;35.5000
P30=-92.0000 ;35.4120
P31=-92.2395 ;35.2060
P32=-92.4790 ;35.0000
P33=-92.5000 ;34.9830
P34=-92.7500 ;34.8260
P35=-93.0000 ;34.6690
P36=-93.3310 ;34.5000
P37=-93.5000 ;34.4260

P38=-93.7500 ;34.3545
P39=-94.0000 ;34.2830
P40=-94.2500 ;34.2480
P41=-94.5000 ;34.2130
P42=-94.7500 ;34.2145
P43=-95.0000 ;34.2160
P44=-95.2500 ;34.2620
P45=-95.5000 ;34.3080
P46=-95.7500 ;34.3885
P47=-96.0000 ;34.4690
P48=-96.0630 ;34.5000
P49=-96.2815 ;34.6315
P50=-96.5000 ;34.7630
P51=-96.8170 ;35.0000
P52=-97.0000 ;35.1610
P53=-97.1565 ;35.3305
P54=-97.3130 ;35.5000
P55=-97.5000 ;35.7430
P56=-97.6700 ;36.0000
P57=-97.8005 ;36.2500
P58=-97.9310 ;36.5000
P59=-98.0000 ;36.6760
P60=-98.1080 ;37.0000
P61=-98.1650 ;37.2500
P62=-98.2220 ;37.5000
P63=-98.2530 ;37.7500
P64=-98.2840 ;38.0000
P65=-98.2860 ;38.2500
P66=-98.2880 ;38.5000
P67=-98.2650 ;38.7500
P68=-98.2420 ;39.0000
P69=-98.1960 ;39.2500
P70=-98.1500 ;39.5000
P71=-98.0835 ;39.7500
P72=-98.0170 ;40.0000
P73=-98.0000 ;40.0490
P74=-97.9105 ;40.2745
P75=-97.8210 ;40.5000
P76=-97.7040 ;40.7500
P77=-97.5870 ;41.0000
P78=-97.5000 ;41.1580
P79=-97.2830 ;41.5000
P80=-97.1415 ;41.7065
P81=-97.0000 ;41.9130
P82=-96.9290 ;42.0000
P83=-96.7145 ;42.2450
P84=-96.5000 ;42.4900
P85=-96.4900 ;42.5000
P86=-96.2450 ;42.7220
P87=-96.0000 ;42.9440
P88=-95.9270 ;43.0000
P89=-95.7135 ;43.1520
P90=-95.5000 ;43.3040
P91=-95.1730 ;43.5000
P92=-95.0000 ;43.5950
P93=-94.7500 ;43.7015
P94=-94.5000 ;43.8080

P95=-94.2500 ;43.8840
P96=-94.0000 ;43.9600
P97=-93.7390 ;44.0000
P98=-93.5000 ;44.0330
P99=-93.0000 ;44.0270
P100=-92.8350 ;44.0000
P101=-92.5000 ;43.9370
P102=-92.2500 ;43.8445
P103=-92.0000 ;43.7520
P104=-91.7785 ;43.6260
P105=-91.5570 ;43.5000
P106=-91.5000 ;43.4610
P107=-91.2570 ;43.2305
P108=-91.0140 ;43.0000
P109=-91.0000 ;42.9850
P110=-90.8290 ;42.7425
P111=-90.6580 ;42.5000
P112=-90.5000 ;42.2240
[C12]
gain=-6.00
n_point=95
P1=-91.0000 ;40.8810
P2=-90.9570 ;40.6905
P3=-90.9140 ;40.5000
P4=-90.8845 ;40.2500
P5=-90.8550 ;40.0000
P6=-90.8530 ;39.7500
P7=-90.8510 ;39.5000
P8=-90.8755 ;39.2500
P9=-90.9000 ;39.0000
P10=-90.9475 ;38.7500
P11=-90.9950 ;38.5000
P12=-91.0000 ;38.4810
P13=-91.0820 ;38.2405
P14=-91.1640 ;38.0000
P15=-91.2690 ;37.7500
P16=-91.3740 ;37.5000
P17=-91.5000 ;37.2490
P18=-91.6490 ;37.0000
P19=-91.8190 ;36.7500
P20=-91.9890 ;36.5000
P21=-92.0000 ;36.4870
P22=-92.2335 ;36.2435
P23=-92.4670 ;36.0000
P24=-92.5000 ;35.9700
P25=-92.7500 ;35.7815
P26=-93.0000 ;35.5930
P27=-93.1650 ;35.5000
P28=-93.3325 ;35.4165
P29=-93.5000 ;35.3330
P30=-93.7500 ;35.2525
P31=-94.0000 ;35.1720
P32=-94.2500 ;35.1345
P33=-94.5000 ;35.0970
P34=-94.7500 ;35.1125
P35=-95.0000 ;35.1280
P36=-95.2500 ;35.1955

P37=-95.5000 ;35.2630
P38=-95.7500 ;35.3800
P39=-96.0000 ;35.4970
P40=-96.0040 ;35.5000
P41=-96.2520 ;35.7075
P42=-96.5000 ;35.9150
P43=-96.5810 ;36.0000
P44=-96.7650 ;36.2500
P45=-96.9490 ;36.5000
P46=-97.0000 ;36.5920
P47=-97.0885 ;36.7960
P48=-97.1770 ;37.0000
P49=-97.2535 ;37.2500
P50=-97.3300 ;37.5000
P51=-97.3730 ;37.7500
P52=-97.4160 ;38.0000
P53=-97.4245 ;38.2500
P54=-97.4330 ;38.5000
P55=-97.4085 ;38.7500
P56=-97.3840 ;39.0000
P57=-97.3310 ;39.2500
P58=-97.2780 ;39.5000
P59=-97.1990 ;39.7500
P60=-97.1200 ;40.0000
P61=-97.0000 ;40.2930
P62=-96.8990 ;40.5000
P63=-96.7525 ;40.7500
P64=-96.6060 ;41.0000
P65=-96.5000 ;41.1530
P66=-96.3580 ;41.3265
P67=-96.2160 ;41.5000
P68=-96.0000 ;41.7350
P69=-95.8540 ;41.8675
P70=-95.7080 ;42.0000
P71=-95.5000 ;42.1700
P72=-95.2515 ;42.3350
P73=-95.0030 ;42.5000
P74=-95.0000 ;42.5020
P75=-94.7500 ;42.6100
P76=-94.5000 ;42.7180
P77=-94.2500 ;42.7855
P78=-94.0000 ;42.8530
P79=-93.7500 ;42.8765
P80=-93.5000 ;42.9000
P81=-93.2500 ;42.8770
P82=-93.0000 ;42.8540
P83=-92.7500 ;42.7790
P84=-92.5000 ;42.7040
P85=-92.3150 ;42.6020
P86=-92.1300 ;42.5000
P87=-92.0000 ;42.4120
P88=-91.7865 ;42.2060
P89=-91.5730 ;42.0000
P90=-91.5000 ;41.9130
P91=-91.3750 ;41.7065
P92=-91.2500 ;41.5000
P93=-91.1425 ;41.2500

P94=-91.0350 ;41.0000
P95=-91.0000 ;40.8810
[C13]
gain=-4.00
n_point=89
P1=-91.5000 ;40.3490
P2=-91.4675 ;40.1745
P3=-91.4350 ;40.0000
P4=-91.4190 ;39.7500
P5=-91.4030 ;39.5000
P6=-91.4165 ;39.2500
P7=-91.4300 ;39.0000
P8=-91.4650 ;38.8070
P9=-91.5000 ;38.6140
P10=-91.5260 ;38.5000
P11=-91.5860 ;38.3333
P12=-91.6460 ;38.1667
P13=-91.7060 ;38.0000
P14=-91.7823 ;37.8333
P15=-91.8587 ;37.6667
P16=-91.9350 ;37.5000
P17=-92.0000 ;37.3850
P18=-92.1325 ;37.1925
P19=-92.2650 ;37.0000
P20=-92.3825 ;36.8525
P21=-92.5000 ;36.7050
P22=-92.6040 ;36.6025
P23=-92.7080 ;36.5000
P24=-92.8540 ;36.3770
P25=-93.0000 ;36.2540
P26=-93.2040 ;36.1270
P27=-93.4080 ;36.0000
P28=-93.5000 ;35.9520
P29=-93.7500 ;35.8680
P30=-94.0000 ;35.7840
P31=-94.2500 ;35.7495
P32=-94.5000 ;35.7150
P33=-94.7500 ;35.7430
P34=-95.0000 ;35.7710
P35=-95.2500 ;35.8550
P36=-95.5000 ;35.9390
P37=-95.6060 ;36.0000
P38=-95.8030 ;36.1495
P39=-96.0000 ;36.2990
P40=-96.1880 ;36.5000
P41=-96.3440 ;36.7200
P42=-96.5000 ;36.9400
P43=-96.5330 ;37.0000
P44=-96.5960 ;37.1667
P45=-96.6590 ;37.3333
P46=-96.7220 ;37.5000
P47=-96.7760 ;37.7500
P48=-96.8300 ;38.0000
P49=-96.8425 ;38.2500
P50=-96.8550 ;38.5000
P51=-96.8300 ;38.7500
P52=-96.8050 ;39.0000

P53=-96.7475 ;39.2500
P54=-96.6900 ;39.5000
P55=-96.6320 ;39.6667
P56=-96.5740 ;39.8333
P57=-96.5160 ;40.0000
P58=-96.5000 ;40.0340
P59=-96.3695 ;40.2670
P60=-96.2390 ;40.5000
P61=-96.1195 ;40.6775
P62=-96.0000 ;40.8550
P63=-95.8800 ;41.0000
P64=-95.6900 ;41.1945
P65=-95.5000 ;41.3890
P66=-95.3600 ;41.5000
P67=-95.1800 ;41.6255
P68=-95.0000 ;41.7510
P69=-94.7500 ;41.8755
P70=-94.5000 ;42.0000
P71=-94.4980 ;42.0000
P72=-94.2490 ;42.0625
P73=-94.0000 ;42.1250
P74=-93.7500 ;42.1400
P75=-93.5000 ;42.1550
P76=-93.2500 ;42.1175
P77=-93.0000 ;42.0800
P78=-92.8050 ;42.0000
P79=-92.6525 ;41.9210
P80=-92.5000 ;41.8420
P81=-92.2975 ;41.6710
P82=-92.0950 ;41.5000
P83=-92.0000 ;41.3970
P84=-91.8740 ;41.1985
P85=-91.7480 ;41.0000
P86=-91.6777 ;40.8333
P87=-91.6073 ;40.6667
P88=-91.5370 ;40.5000
P89=-91.5000 ;40.3490
[C14]
gain=-2.00
n_point=83
P1=-92.5000 ;40.4810
P2=-92.4300 ;40.3207
P3=-92.3600 ;40.1603
P4=-92.2900 ;40.0000
P5=-92.2583 ;39.8333
P6=-92.2267 ;39.6667
P7=-92.1950 ;39.5000
P8=-92.1957 ;39.3333
P9=-92.1963 ;39.1667
P10=-92.1970 ;39.0000
P11=-92.2280 ;38.8333
P12=-92.2590 ;38.6667
P13=-92.2900 ;38.5000
P14=-92.3497 ;38.3333
P15=-92.4093 ;38.1667
P16=-92.4690 ;38.0000
P17=-92.5000 ;37.9390

P18=-92.5970 ;37.7927
P19=-92.6940 ;37.6463
P20=-92.7910 ;37.5000
P21=-92.8955 ;37.3750
P22=-93.0000 ;37.2500
P23=-93.1430 ;37.1250
P24=-93.2860 ;37.0000
P25=-93.3930 ;36.9240
P26=-93.5000 ;36.8480
P27=-93.6667 ;36.7743
P28=-93.8333 ;36.7007
P29=-94.0000 ;36.6270
P30=-94.1667 ;36.6087
P31=-94.3333 ;36.5903
P32=-94.5000 ;36.5720
P33=-94.6667 ;36.6127
P34=-94.8333 ;36.6533
P35=-95.0000 ;36.6940
P36=-95.1667 ;36.7957
P37=-95.3333 ;36.8973
P38=-95.5000 ;36.9990
P39=-95.5010 ;37.0000
P40=-95.5853 ;37.1250
P41=-95.6695 ;37.2500
P42=-95.7537 ;37.3750
P43=-95.8380 ;37.5000
P44=-95.8920 ;37.6330
P45=-95.9460 ;37.7660
P46=-96.0000 ;37.8990
P47=-96.0300 ;38.0000
P48=-96.0463 ;38.1667
P49=-96.0627 ;38.3333
P50=-96.0790 ;38.5000
P51=-96.0643 ;38.6667
P52=-96.0497 ;38.8333
P53=-96.0350 ;39.0000
P54=-96.0000 ;39.1450
P55=-95.9430 ;39.3225
P56=-95.8860 ;39.5000
P57=-95.8013 ;39.6667
P58=-95.7167 ;39.8333
P59=-95.6320 ;40.0000
P60=-95.5660 ;40.0990
P61=-95.5000 ;40.1980
P62=-95.3650 ;40.3490
P63=-95.2300 ;40.5000
P64=-95.1150 ;40.6045
P65=-95.0000 ;40.7090
P66=-94.8460 ;40.8060
P67=-94.6920 ;40.9030
P68=-94.5380 ;41.0000
P69=-94.5000 ;41.0200
P70=-94.3333 ;41.0650
P71=-94.1667 ;41.1100
P72=-94.0000 ;41.1550
P73=-93.8333 ;41.1540
P74=-93.6667 ;41.1530

P75=-93.5000 ;41.1520
P76=-93.2870 ;41.0760
P77=-93.0740 ;41.0000
P78=-93.0000 ;40.9640
P79=-92.8783 ;40.8480
P80=-92.7565 ;40.7320
P81=-92.6348 ;40.6160
P82=-92.5130 ;40.5000
P83=-92.5000 ;40.4810
[C15]
gain=-30.00
n_point=72
P1=-96.0000 ;46.3350
P2=-96.1250 ;46.2957
P3=-96.2500 ;46.2565
P4=-96.3750 ;46.2173
P5=-96.5000 ;46.1780
P6=-96.5697 ;46.1187
P7=-96.6393 ;46.0593
P8=-96.7090 ;46.0000
P9=-96.8060 ;45.9417
P10=-96.9030 ;45.8833
P11=-97.0000 ;45.8250
P12=-97.0632 ;45.7600
P13=-97.1264 ;45.6950
P14=-97.1896 ;45.6300
P15=-97.2528 ;45.5650
P16=-97.3160 ;45.5000
P17=-97.3773 ;45.4343
P18=-97.4387 ;45.3687
P19=-97.5000 ;45.3030
P20=-97.5592 ;45.2272
P21=-97.6185 ;45.1515
P22=-97.6777 ;45.0758
P23=-97.7370 ;45.0000
P24=-97.7778 ;44.9167
P25=-97.8187 ;44.8333
P26=-97.8595 ;44.7500
P27=-97.9003 ;44.6667
P28=-97.9412 ;44.5833
P29=-97.9820 ;44.5000
P30=-98.0000 ;44.4060
P31=-98.0178 ;44.3248
P32=-98.0356 ;44.2436
P33=-98.0534 ;44.1624
P34=-98.0712 ;44.0812
P35=-98.0890 ;44.0000
P36=-98.0445 ;43.9490
P37=-98.0000 ;43.8980
P38=-97.9240 ;43.9490
P39=-97.8480 ;44.0000
P40=-97.7320 ;44.0453
P41=-97.6160 ;44.0907
P42=-97.5000 ;44.1360
P43=-97.4142 ;44.2088
P44=-97.3284 ;44.2816
P45=-97.2426 ;44.3544

P46=-97.1568 ;44.4272
P47=-97.0710 ;44.5000
P48=-97.0000 ;44.5540
P49=-96.9252 ;44.6283
P50=-96.8503 ;44.7027
P51=-96.7755 ;44.7770
P52=-96.7007 ;44.8513
P53=-96.6258 ;44.9257
P54=-96.5510 ;45.0000
P55=-96.5000 ;45.0770
P56=-96.4355 ;45.1475
P57=-96.3710 ;45.2180
P58=-96.3065 ;45.2885
P59=-96.2420 ;45.3590
P60=-96.1775 ;45.4295
P61=-96.1130 ;45.5000
P62=-96.0753 ;45.5767
P63=-96.0377 ;45.6533
P64=-96.0000 ;45.7300
P65=-95.9400 ;45.7975
P66=-95.8800 ;45.8650
P67=-95.8200 ;45.9325
P68=-95.7600 ;46.0000
P69=-95.8200 ;46.0838
P70=-95.8800 ;46.1675
P71=-95.9400 ;46.2512
P72=-96.0000 ;46.3350

[C16]

gain=-30.00

n_point=73

P1=-97.0000 ;32.7760
P2=-97.0368 ;32.8320
P3=-97.0735 ;32.8880
P4=-97.1103 ;32.9440
P5=-97.1470 ;33.0000
P6=-97.2058 ;33.0453
P7=-97.2647 ;33.0907
P8=-97.3235 ;33.1360
P9=-97.3823 ;33.1813
P10=-97.4412 ;33.2267
P11=-97.5000 ;33.2720
P12=-97.5664 ;33.3046
P13=-97.6329 ;33.3371
P14=-97.6993 ;33.3697
P15=-97.7657 ;33.4023
P16=-97.8321 ;33.4349
P17=-97.8986 ;33.4674
P18=-97.9650 ;33.5000
P19=-98.0000 ;33.5270
P20=-98.0833 ;33.5425
P21=-98.1667 ;33.5580
P22=-98.2500 ;33.5735
P23=-98.3333 ;33.5890
P24=-98.4167 ;33.6045
P25=-98.5000 ;33.6200
P26=-98.5460 ;33.5800
P27=-98.5920 ;33.5400

P28=-98.6380 ;33.5000
P29=-98.6183 ;33.4301
P30=-98.5986 ;33.3603
P31=-98.5789 ;33.2904
P32=-98.5591 ;33.2206
P33=-98.5394 ;33.1507
P34=-98.5197 ;33.0809
P35=-98.5000 ;33.0110
P36=-98.4990 ;33.0000
P37=-98.4490 ;32.9444
P38=-98.3990 ;32.8889
P39=-98.3490 ;32.8333
P40=-98.2990 ;32.7778
P41=-98.2490 ;32.7222
P42=-98.1990 ;32.6667
P43=-98.1490 ;32.6111
P44=-98.0990 ;32.5556
P45=-98.0490 ;32.5000
P46=-98.0000 ;32.4570
P47=-97.9375 ;32.4178
P48=-97.8750 ;32.3785
P49=-97.8125 ;32.3393
P50=-97.7500 ;32.3000
P51=-97.6875 ;32.2607
P52=-97.6250 ;32.2215
P53=-97.5625 ;32.1823
P54=-97.5000 ;32.1430
P55=-97.4167 ;32.1412
P56=-97.3333 ;32.1393
P57=-97.2500 ;32.1375
P58=-97.1667 ;32.1357
P59=-97.0833 ;32.1338
P60=-97.0000 ;32.1320
P61=-96.9500 ;32.1846
P62=-96.9000 ;32.2371
P63=-96.8500 ;32.2897
P64=-96.8000 ;32.3423
P65=-96.7500 ;32.3949
P66=-96.7000 ;32.4474
P67=-96.6500 ;32.5000
P68=-96.7083 ;32.5460
P69=-96.7667 ;32.5920
P70=-96.8250 ;32.6380
P71=-96.8833 ;32.6840
P72=-96.9417 ;32.7300
P73=-97.0000 ;32.7760
[C17]
gain=-30.00
n_point=121
P1=-107.0000;44.3700
P2=-106.9660;44.5000
P3=-106.8230;45.0000
P4=-106.6810;45.5000
P5=-106.5330;46.0000
P6=-106.5000;46.0980
P7=-106.3170;46.5000
P8=-106.1000;47.0000

P9=-106.0000;47.2330
P10=-105.8490;47.5000
P11=-105.5830;48.0000
P12=-105.5000;48.1620
P13=-105.2740;48.5000
P14=-105.0000;48.9350
P15=-104.9470;49.0000
P16=-104.5630;49.5000
P17=-104.5000;49.5870
P18=-104.1290;50.0000
P19=-104.0000;50.1530
P20=-103.6440;50.5000
P21=-103.5000;50.6470
P22=-103.0920;51.0000
P23=-103.0000;51.0810
P24=-102.5000;51.4470
P25=-102.4090;51.5000
P26=-102.0000;51.7280
P27=-101.5000;51.9720
P28=-101.3720;52.0000
P29=-101.0000;52.0780
P30=-100.7050;52.0000
P31=-100.6800;51.5000
P32=-100.9390;51.0000
P33=-101.0000;50.9200
P34=-101.2850;50.5000
P35=-101.5000;50.1750
P36=-101.6100;50.0000
P37=-101.9290;49.5000
P38=-102.0000;49.3840
P39=-102.2450;49.0000
P40=-102.4920;48.5000
P41=-102.5000;48.4830
P42=-102.7710;48.0000
P43=-102.9720;47.5000
P44=-103.0000;47.4230
P45=-103.1980;47.0000
P46=-103.3770;46.5000
P47=-103.5000;46.0530
P48=-103.5200;46.0000
P49=-103.6980;45.5000
P50=-103.8390;45.0000
P51=-103.9480;44.5000
P52=-104.0000;44.2360
P53=-104.0600;44.0000
P54=-104.1570;43.5000
P55=-104.2250;43.0000
P56=-104.2760;42.5000
P57=-104.3210;42.0000
P58=-104.3690;41.5000
P59=-104.4260;41.0000
P60=-104.4830;40.5000
P61=-104.5000;40.3280
P62=-104.5210;40.0000
P63=-104.5450;39.5000
P64=-104.5610;39.0000
P65=-104.5670;38.5000

P66=-104.5590;38.0000
P67=-104.5330;37.5000
P68=-104.5000;37.1610
P69=-104.4870;37.0000
P70=-104.4370;36.5000
P71=-104.3740;36.0000
P72=-104.2890;35.5000
P73=-104.1700;35.0000
P74=-104.0000;34.5160
P75=-103.9960;34.5000
P76=-103.8720;34.0000
P77=-103.7050;33.5000
P78=-103.5000;33.0670
P79=-103.4790;33.0000
P80=-103.3250;32.5000
P81=-103.1140;32.0000
P82=-103.0000;31.7580
P83=-102.9260;31.5000
P84=-102.8680;31.0000
P85=-103.0000;30.7480
P86=-103.5000;30.9750
P87=-103.5260;31.0000
P88=-104.0000;31.4230
P89=-104.0560;31.5000
P90=-104.4070;32.0000
P91=-104.5000;32.1140
P92=-104.7040;32.5000
P93=-105.0000;32.9650
P94=-105.0150;33.0000
P95=-105.2240;33.5000
P96=-105.4910;34.0000
P97=-105.5000;34.0180
P98=-105.6530;34.5000
P99=-105.8450;35.0000
P100=-106.0000;35.3280
P101=-106.0520;35.5000
P102=-106.2040;36.0000
P103=-106.3780;36.5000
P104=-106.5000;36.8120
P105=-106.5480;37.0000
P106=-106.6770;37.5000
P107=-106.8090;38.0000
P108=-106.9530;38.5000
P109=-107.0000;38.6780
P110=-107.0560;39.0000
P111=-107.1250;39.5000
P112=-107.1890;40.0000
P113=-107.2370;40.5000
P114=-107.2700;41.0000
P115=-107.2840;41.5000
P116=-107.2760;42.0000
P117=-107.2530;42.5000
P118=-107.2110;43.0000
P119=-107.1500;43.5000
P120=-107.0690;44.0000
P121=-107.0000;44.3700