

```
[FormatInfo]
format_ver=1
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ntc_id=9000021
adm=USA
sat_name=USABSS-21
long_nom=-101.0000
n_diag=1
[COHeader]
beam_id=RB25
emi_rcp=E
polar_disc=X
reason=B
n_bore=1
n_cont=9
[B1]
gain=0.00
p=-97.9970;29.3430
[C1]
gain=-30.00
n_point=179
P1=-91.5000 ;32.7760
P2=-91.4510 ;32.5000
P3=-91.3790 ;32.0000
P4=-91.3050 ;31.5000
P5=-91.2860 ;31.0000
P6=-91.3160 ;30.5000
P7=-91.3760 ;30.0000
P8=-91.4520 ;29.5000
P9=-91.5000 ;29.2910
P10=-91.5910 ;29.0000
P11=-91.7730 ;28.5000
P12=-91.9300 ;28.0000
P13=-92.0000 ;27.6790
P14=-92.0950 ;27.5000
P15=-92.3500 ;27.0000
P16=-92.5000 ;26.6010
P17=-92.5740 ;26.5000
P18=-92.8790 ;26.0000
P19=-93.0000 ;25.7790
P20=-93.2520 ;25.5000
P21=-93.5000 ;25.1630
P22=-93.6640 ;25.0000
P23=-94.0000 ;24.6060
P24=-94.1120 ;24.5000
P25=-94.5000 ;24.0960
P26=-94.5840 ;24.0000
P27=-95.0000 ;23.6150
P28=-95.1190 ;23.5000
P29=-95.5000 ;23.2130
P30=-95.7760 ;23.0000
P31=-96.0000 ;22.8800
P32=-96.5000 ;22.6600
P33=-96.9330 ;22.5000
P34=-97.0000 ;22.4850
P35=-97.5000 ;22.4360
P36=-98.0000 ;22.4350
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P37=-98.5000 ;22.4450
P38=-99.0000 ;22.4300
P39=-99.5000 ;22.3900
P40=-100.0000;22.3570
P41=-100.5000;22.4230
P42=-100.5700;22.5000
P43=-101.0000;22.6240
P44=-101.4460;23.0000
P45=-101.5000;23.0410
P46=-102.0000;23.4870
P47=-102.0100;23.5000
P48=-102.3760;24.0000
P49=-102.4380;24.5000
P50=-102.1680;25.0000
P51=-102.3790;25.5000
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P59=-104.6700;25.0000
P60=-105.0000;25.0790
P61=-105.5000;25.1850
P62=-106.0000;25.3440
P63=-106.4410;25.5000
P64=-106.5000;25.5330
P65=-106.5750;25.5000
P66=-107.0000;25.0450
P67=-107.0250;25.0000
P68=-107.5000;24.5270
P69=-108.0000;24.6190
P70=-108.3420;25.0000
P71=-108.5000;25.1730
P72=-108.6590;25.5000
P73=-108.8960;26.0000
P74=-109.0000;26.2110
P75=-109.0970;26.5000
P76=-109.2280;27.0000
P77=-109.3500;27.5000
P78=-109.4780;28.0000
P79=-109.5000;28.1010
P80=-109.5670;28.5000
P81=-109.6200;29.0000
P82=-109.6540;29.5000
P83=-109.6750;30.0000
P84=-109.6850;30.5000
P85=-109.6800;31.0000
P86=-109.6640;31.5000
P87=-109.6260;32.0000
P88=-109.5720;32.5000
P89=-109.5090;33.0000
P90=-109.5000;33.0550
P91=-109.3410;33.5000
P92=-109.1710;34.0000
P93=-109.0200;34.5000

P94=-109.0000;34.5620
P95=-108.6000;34.5000
P96=-108.5000;34.4010
P97=-108.4840;34.0000
P98=-108.4650;33.5000
P99=-108.4360;33.0000
P100=-108.3760;32.5000
P101=-108.2760;32.0000
P102=-108.1370;31.5000
P103=-108.0000;31.1350
P104=-107.7950;31.5000
P105=-107.5000;31.8590
P106=-107.4640;32.0000
P107=-107.3090;32.5000
P108=-107.1520;33.0000
P109=-107.0000;33.3920
P110=-106.9480;33.5000
P111=-106.6950;34.0000
P112=-106.5000;34.3910
P113=-106.4050;34.5000
P114=-106.0350;35.0000
P115=-106.0000;35.0560
P116=-105.5000;35.3790
P117=-105.1970;35.0000
P118=-105.0560;34.5000
P119=-105.0000;34.4090
P120=-104.5260;34.0000
P121=-104.5000;33.9930
P122=-104.4920;34.0000
P123=-104.0000;34.2740
P124=-103.7090;34.5000
P125=-103.5000;34.6020
P126=-103.0000;34.8710
P127=-102.7130;35.0000
P128=-102.5000;35.1020
P129=-102.0000;35.4420
P130=-101.9370;35.5000
P131=-101.8240;36.0000
P132=-101.8080;36.5000
P133=-101.5690;37.0000
P134=-101.5000;37.0720
P135=-101.0500;37.5000
P136=-101.0000;37.5450
P137=-100.5000;37.9110
P138=-100.3260;38.0000
P139=-100.1580;38.5000
P140=-100.3190;39.0000
P141=-100.3900;39.5000
P142=-100.2580;40.0000
P143=-100.0000;40.3440
P144=-99.8520 ;40.5000
P145=-99.5000 ;40.7190
P146=-99.0000 ;40.9460
P147=-98.7820 ;41.0000
P148=-98.5000 ;41.0470
P149=-98.0000 ;41.0640
P150=-97.5000 ;41.0180

P151=-97.4260 ;41.0000
P152=-97.0000 ;40.8620
P153=-96.5000 ;40.6360
P154=-96.2320 ;40.5000
P155=-96.0000 ;40.3370
P156=-95.5580 ;40.0000
P157=-95.5000 ;39.9370
P158=-95.1070 ;39.5000
P159=-95.0000 ;39.3440
P160=-94.7710 ;39.0000
P161=-94.5000 ;38.5420
P162=-94.4770 ;38.5000
P163=-94.2290 ;38.0000
P164=-94.0000 ;37.7060
P165=-93.8800 ;37.5000
P166=-93.5230 ;37.0000
P167=-93.5000 ;36.9720
P168=-93.2390 ;36.5000
P169=-93.0000 ;36.1400
P170=-92.9430 ;36.0000
P171=-92.7280 ;35.5000
P172=-92.5000 ;35.1330
P173=-92.4470 ;35.0000
P174=-92.2150 ;34.5000
P175=-92.0000 ;34.1340
P176=-91.9560 ;34.0000
P177=-91.7630 ;33.5000
P178=-91.5750 ;33.0000
P179=-91.5000 ;32.7760

[C2]

gain=-30.00

n_point=74

P1=-96.0000 ;37.7450
P2=-96.0833 ;37.7813
P3=-96.1667 ;37.8177
P4=-96.2500 ;37.8540
P5=-96.3333 ;37.8903
P6=-96.4167 ;37.9267
P7=-96.5000 ;37.9630
P8=-96.5833 ;37.9723
P9=-96.6660 ;37.9815
P10=-96.7490 ;37.9907
P11=-96.8320 ;38.0000
P12=-96.9160 ;38.0195
P13=-97.0000 ;38.0390
P14=-97.1000 ;38.0398
P15=-97.2000 ;38.0406
P16=-97.3000 ;38.0414
P17=-97.4000 ;38.0422
P18=-97.5000 ;38.0430
P19=-97.5843 ;38.0287
P20=-97.6687 ;38.0143
P21=-97.7530 ;38.0000
P22=-97.7807 ;37.9286
P23=-97.8084 ;37.8571
P24=-97.8361 ;37.7857
P25=-97.8639 ;37.7143

P26=-97.8916 ;37.6429
P27=-97.9193 ;37.5714
P28=-97.9470 ;37.5000
P29=-97.8725 ;37.4392
P30=-97.7980 ;37.3783
P31=-97.7235 ;37.3175
P32=-97.6490 ;37.2567
P33=-97.5745 ;37.1958
P34=-97.5000 ;37.1350
P35=-97.4550 ;37.0675
P36=-97.4100 ;37.0000
P37=-97.3417 ;36.9457
P38=-97.2733 ;36.8913
P39=-97.2050 ;36.8370
P40=-97.1367 ;36.7827
P41=-97.0683 ;36.7283
P42=-97.0000 ;36.6740
P43=-96.9214 ;36.6392
P44=-96.8428 ;36.6044
P45=-96.7642 ;36.5696
P46=-96.6856 ;36.5348
P47=-96.6070 ;36.5000
P48=-96.5535 ;36.4505
P49=-96.5000 ;36.4010
P50=-96.4000 ;36.3690
P51=-96.3000 ;36.3370
P52=-96.2000 ;36.3050
P53=-96.1000 ;36.2730
P54=-96.0000 ;36.2410
P55=-95.9362 ;36.3058
P56=-95.8725 ;36.3705
P57=-95.8088 ;36.4353
P58=-95.7450 ;36.5000
P59=-95.7172 ;36.5833
P60=-95.6893 ;36.6667
P61=-95.6615 ;36.7500
P62=-95.6337 ;36.8333
P63=-95.6058 ;36.9167
P64=-95.5780 ;37.0000
P65=-95.5995 ;37.0833
P66=-95.6210 ;37.1667
P67=-95.6425 ;37.2500
P68=-95.6640 ;37.3333
P69=-95.6855 ;37.4167
P70=-95.7070 ;37.5000
P71=-95.7803 ;37.5612
P72=-95.8535 ;37.6225
P73=-95.9268 ;37.6838
P74=-96.0000 ;37.7450
[C3]
gain=-30.00
n_point=75
P1=-94.5000 ;34.3330
P2=-94.5663 ;34.3887
P3=-94.6327 ;34.4443
P4=-94.6990 ;34.5000
P5=-94.7592 ;34.5652

P6=-94.8194 ;34.6304
P7=-94.8796 ;34.6956
P8=-94.9398 ;34.7608
P9=-95.0000 ;34.8260
P10=-95.0740 ;34.8695
P11=-95.1480 ;34.9130
P12=-95.2220 ;34.9565
P13=-95.2960 ;35.0000
P14=-95.3640 ;35.0713
P15=-95.4320 ;35.1427
P16=-95.5000 ;35.2140
P17=-95.6000 ;35.2124
P18=-95.7000 ;35.2108
P19=-95.8000 ;35.2092
P20=-95.9000 ;35.2076
P21=-96.0000 ;35.2060
P22=-96.0437 ;35.1373
P23=-96.0873 ;35.0687
P24=-96.1310 ;35.0000
P25=-96.1925 ;34.9293
P26=-96.2540 ;34.8587
P27=-96.3155 ;34.7880
P28=-96.3770 ;34.7173
P29=-96.4385 ;34.6467
P30=-96.5000 ;34.5760
P31=-96.5385 ;34.5380
P32=-96.5770 ;34.5000
P33=-96.5000 ;34.4430
P34=-96.4000 ;34.3914
P35=-96.3000 ;34.3398
P36=-96.2000 ;34.2882
P37=-96.1000 ;34.2366
P38=-96.0000 ;34.1850
P39=-95.9105 ;34.1388
P40=-95.8210 ;34.0925
P41=-95.7315 ;34.0462
P42=-95.6420 ;34.0000
P43=-95.5710 ;33.9645
P44=-95.5000 ;33.9290
P45=-95.4167 ;33.8655
P46=-95.3333 ;33.8020
P47=-95.2500 ;33.7385
P48=-95.1667 ;33.6750
P49=-95.0833 ;33.6115
P50=-95.0000 ;33.5480
P51=-94.9400 ;33.5240
P52=-94.8800 ;33.5000
P53=-94.8167 ;33.4342
P54=-94.7533 ;33.3683
P55=-94.6900 ;33.3025
P56=-94.6267 ;33.2367
P57=-94.5633 ;33.1708
P58=-94.5000 ;33.1050
P59=-94.4360 ;33.1708
P60=-94.3720 ;33.2367
P61=-94.3080 ;33.3025
P62=-94.2440 ;33.3683

P63=-94.1800 ;33.4342
P64=-94.1160 ;33.5000
P65=-94.1337 ;33.5833
P66=-94.1513 ;33.6667
P67=-94.1690 ;33.7500
P68=-94.1867 ;33.8333
P69=-94.2043 ;33.9167
P70=-94.2220 ;34.0000
P71=-94.2776 ;34.0666
P72=-94.3332 ;34.1332
P73=-94.3888 ;34.1998
P74=-94.4444 ;34.2664
P75=-94.5000 ;34.3330

[C4]

gain=-20.00

n_point=115

P1=-94.0000 ;30.6420
P2=-93.8560 ;30.5000
P3=-93.7450 ;30.0000
P4=-94.0000 ;29.7820
P5=-94.0290 ;29.5000
P6=-94.1030 ;29.0000
P7=-94.2430 ;28.5000
P8=-94.4710 ;28.0000
P9=-94.5000 ;27.9660
P10=-94.7280 ;27.5000
P11=-94.9460 ;27.0000
P12=-95.0000 ;26.8550
P13=-95.2090 ;26.5000
P14=-95.4470 ;26.0000
P15=-95.5000 ;25.8610
P16=-95.7530 ;25.5000
P17=-96.0000 ;25.0970
P18=-96.1070 ;25.0000
P19=-96.3035 ;24.7865
P20=-96.5000 ;24.5730
P21=-96.6790 ;24.5000
P22=-97.0000 ;24.3240
P23=-97.5000 ;24.3150
P24=-97.8880 ;24.5000
P25=-98.0000 ;24.5290
P26=-98.5000 ;24.7220
P27=-99.0000 ;24.9520
P28=-99.1970 ;25.0000
P29=-99.5000 ;25.0360
P30=-99.7810 ;25.0000
P31=-99.8290 ;24.5000
P32=-99.6480 ;24.0000
P33=-100.0000;23.7800
P34=-100.5000;23.8760
P35=-100.6780;24.0000
P36=-100.8160;24.5000
P37=-100.7260;25.0000
P38=-101.0000;25.1190
P39=-101.3390;25.5000
P40=-101.5000;25.5720
P41=-102.0000;25.8640

P42=-102.2650;26.0000
P43=-102.5000;26.1300
P44=-103.0000;26.3790
P45=-103.2790;26.5000
P46=-103.5000;26.6460
P47=-104.0000;26.9430
P48=-104.1170;27.0000
P49=-104.5000;27.2920
P50=-104.8710;27.5000
P51=-105.0000;27.6190
P52=-105.2330;27.8095
P53=-105.4660;28.0000
P54=-105.5000;28.0460
P55=-105.7480;28.5000
P56=-105.9450;29.0000
P57=-106.0000;29.3010
P58=-106.0240;29.5000
P59=-106.0260;30.0000
P60=-106.0000;30.1970
P61=-105.9340;30.5000
P62=-105.6720;31.0000
P63=-105.5000;31.1870
P64=-105.3210;31.5000
P65=-105.0000;31.8370
P66=-104.9200;32.0000
P67=-104.7505;32.2500
P68=-104.5810;32.5000
P69=-104.5000;32.5840
P70=-104.1990;33.0000
P71=-104.0000;33.2160
P72=-103.7310;33.5000
P73=-103.5000;33.7090
P74=-103.1070;34.0000
P75=-103.0000;34.0630
P76=-102.5000;34.2820
P77=-102.0000;34.4560
P78=-101.8520;34.5000
P79=-101.5000;34.6090
P80=-101.0000;34.8390
P81=-100.7380;35.0000
P82=-100.5000;35.3630
P83=-100.4030;35.5000
P84=-100.2505;35.7500
P85=-100.0980;36.0000
P86=-100.0000;36.0980
P87=-99.5000 ;36.3760
P88=-99.0000 ;36.4350
P89=-98.5000 ;36.3370
P90=-98.0000 ;36.0880
P91=-97.8840 ;36.0000
P92=-97.6140 ;35.5000
P93=-97.7690 ;35.0000
P94=-98.0000 ;34.8140
P95=-98.3380 ;34.5000
P96=-98.5000 ;34.3540
P97=-98.7460 ;34.0000
P98=-98.5240 ;33.5000

P99=-98.5000 ;33.4830
P100=-98.0000 ;33.2490
P101=-97.5000 ;33.3200
P102=-97.0140 ;33.5000
P103=-97.0000 ;33.5050
P104=-96.5000 ;33.5820
P105=-96.0000 ;33.5350
P106=-95.9020 ;33.5000
P107=-95.5000 ;33.3040
P108=-95.1170 ;33.0000
P109=-95.0000 ;32.8800
P110=-94.7400 ;32.5000
P111=-94.5000 ;32.1130
P112=-94.4150 ;32.0000
P113=-94.1820 ;31.5000
P114=-94.0490 ;31.0000
P115=-94.0000 ;30.6420

[C5]

gain=-10.00

n_point=109

P1=-95.0000 ;30.6960
P2=-94.9620 ;30.5000
P3=-94.9415 ;30.2500
P4=-94.9210 ;30.0000
P5=-94.9255 ;29.7500
P6=-94.9300 ;29.5000
P7=-94.9585 ;29.2500
P8=-94.9870 ;29.0000
P9=-95.0000 ;28.9370
P10=-95.0615 ;28.7185
P11=-95.1230 ;28.5000
P12=-95.2105 ;28.2500
P13=-95.2980 ;28.0000
P14=-95.3970 ;27.7500
P15=-95.4960 ;27.5000
P16=-95.5000 ;27.4920
P17=-95.6600 ;27.2460
P18=-95.8200 ;27.0000
P19=-96.0000 ;26.7470
P20=-96.2390 ;26.5000
P21=-96.5000 ;26.2550
P22=-96.7275 ;26.1275
P23=-96.9550 ;26.0000
P24=-97.0000 ;25.9780
P25=-97.2500 ;25.9230
P26=-97.5000 ;25.8680
P27=-97.7500 ;25.8785
P28=-98.0000 ;25.8890
P29=-98.2500 ;25.9370
P30=-98.5000 ;25.9850
P31=-98.5560 ;26.0000
P32=-98.7780 ;26.0695
P33=-99.0000 ;26.1390
P34=-99.2500 ;26.2070
P35=-99.5000 ;26.2750
P36=-99.7500 ;26.3240
P37=-100.0000 ;26.3730

P38=-100.2500;26.4130
P39=-100.5000;26.4530
P40=-100.7410;26.5000
P41=-101.0000;26.5620
P42=-101.2500;26.6500
P43=-101.5000;26.7380
P44=-101.7500;26.8500
P45=-102.0000;26.9620
P46=-102.0680;27.0000
P47=-102.2840;27.1535
P48=-102.5000;27.3070
P49=-102.7320;27.5000
P50=-102.8660;27.6410
P51=-103.0000;27.7820
P52=-103.1800;28.0000
P53=-103.3330;28.2500
P54=-103.4860;28.5000
P55=-103.5000;28.5310
P56=-103.5920;28.7655
P57=-103.6840;29.0000
P58=-103.7405;29.2500
P59=-103.7970;29.5000
P60=-103.8215;29.7500
P61=-103.8460;30.0000
P62=-103.8335;30.2500
P63=-103.8210;30.5000
P64=-103.7735;30.7500
P65=-103.7260;31.0000
P66=-103.6455;31.2500
P67=-103.5650;31.5000
P68=-103.5000;31.6360
P69=-103.3950;31.8180
P70=-103.2900;32.0000
P71=-103.1450;32.1960
P72=-103.0000;32.3920
P73=-102.8920;32.5000
P74=-102.6960;32.6555
P75=-102.5000;32.8110
P76=-102.1760;33.0000
P77=-102.0000;33.0810
P78=-101.7500;33.1495
P79=-101.5000;33.2180
P80=-101.2500;33.2490
P81=-101.0000;33.2800
P82=-100.7500;33.2625
P83=-100.5000;33.2450
P84=-100.2500;33.1780
P85=-100.0000;33.1110
P86=-99.7720 ;33.0000
P87=-99.5000 ;32.8680
P88=-99.2500 ;32.7405
P89=-99.0000 ;32.6130
P90=-98.6240 ;32.5000
P91=-98.5000 ;32.4600
P92=-98.2500 ;32.4415
P93=-98.0000 ;32.4230
P94=-97.7500 ;32.4465

P95=-97.5000 ;32.4700
P96=-97.1710 ;32.5000
P97=-97.0000 ;32.5120
P98=-96.7540 ;32.5000
P99=-96.5000 ;32.4810
P100=-96.2500 ;32.3750
P101=-96.0000 ;32.2690
P102=-95.8270 ;32.1345
P103=-95.6540 ;32.0000
P104=-95.5000 ;31.8410
P105=-95.3985 ;31.6705
P106=-95.2970 ;31.5000
P107=-95.1915 ;31.2500
P108=-95.0860 ;31.0000
P109=-95.0000 ;30.6960
[C6]
gain=-6.00
n_point=92
P1=-95.5000 ;30.1420
P2=-95.4790 ;30.0000
P3=-95.4745 ;29.7500
P4=-95.4700 ;29.5000
P5=-95.4850 ;29.3385
P6=-95.5000 ;29.1770
P7=-95.5220 ;29.0000
P8=-95.5935 ;28.7500
P9=-95.6650 ;28.5000
P10=-95.7625 ;28.2500
P11=-95.8600 ;28.0000
P12=-95.9300 ;27.8620
P13=-96.0000 ;27.7240
P14=-96.1570 ;27.5000
P15=-96.3285 ;27.2900
P16=-96.5000 ;27.0800
P17=-96.6020 ;27.0000
P18=-96.8010 ;26.8735
P19=-97.0000 ;26.7470
P20=-97.2500 ;26.6645
P21=-97.5000 ;26.5820
P22=-97.7500 ;26.5760
P23=-98.0000 ;26.5700
P24=-98.2500 ;26.6160
P25=-98.5000 ;26.6620
P26=-98.7500 ;26.7290
P27=-99.0000 ;26.7960
P28=-99.2500 ;26.8565
P29=-99.5000 ;26.9170
P30=-99.7235 ;26.9585
P31=-99.9470 ;27.0000
P32=-100.0000;27.0120
P33=-100.2500;27.0660
P34=-100.5000;27.1200
P35=-100.7500;27.1860
P36=-101.0000;27.2520
P37=-101.2500;27.3485
P38=-101.5000;27.4450
P39=-101.6050;27.5000

P40=-101.8025;27.6325
P41=-102.0000;27.7650
P42=-102.1355;27.8825
P43=-102.2710;28.0000
P44=-102.3855;28.1320
P45=-102.5000;28.2640
P46=-102.6650;28.5000
P47=-102.7940;28.7500
P48=-102.9230;29.0000
P49=-103.0000;29.2580
P50=-103.0580;29.5000
P51=-103.0815;29.7500
P52=-103.1050;30.0000
P53=-103.0855;30.2500
P54=-103.0660;30.5000
P55=-103.0000;30.7820
P56=-102.9320;31.0000
P57=-102.8015;31.2500
P58=-102.6710;31.5000
P59=-102.5000;31.7210
P60=-102.3550;31.8605
P61=-102.2100;32.0000
P62=-102.0000;32.1560
P63=-101.7500;32.2670
P64=-101.5000;32.3780
P65=-101.2500;32.4280
P66=-101.0000;32.4780
P67=-100.7500;32.4595
P68=-100.5000;32.4410
P69=-100.2500;32.3715
P70=-100.0000;32.3020
P71=-99.7500 ;32.2025
P72=-99.5000 ;32.1030
P73=-99.2170 ;32.0000
P74=-99.0000 ;31.9150
P75=-98.7500 ;31.8590
P76=-98.5000 ;31.8030
P77=-98.2500 ;31.7935
P78=-98.0000 ;31.7840
P79=-97.7500 ;31.7945
P80=-97.5000 ;31.8050
P81=-97.2500 ;31.7985
P82=-97.0000 ;31.7920
P83=-96.7500 ;31.7310
P84=-96.5000 ;31.6700
P85=-96.2210 ;31.5000
P86=-96.0000 ;31.3040
P87=-95.8990 ;31.1520
P88=-95.7980 ;31.0000
P89=-95.6880 ;30.7500
P90=-95.5780 ;30.5000
P91=-95.5390 ;30.3210
P92=-95.5000 ;30.1420
[C7]
gain=-4.00
n_point=87
P1=-96.0000 ;30.4220

P2=-95.9460 ;30.2110
P3=-95.8920 ;30.0000
P4=-95.8750 ;29.7500
P5=-95.8580 ;29.5000
P6=-95.8800 ;29.2500
P7=-95.9020 ;29.0000
P8=-95.9510 ;28.7990
P9=-96.0000 ;28.5980
P10=-96.0340 ;28.5000
P11=-96.1193 ;28.3333
P12=-96.2047 ;28.1667
P13=-96.2900 ;28.0000
P14=-96.3950 ;27.8435
P15=-96.5000 ;27.6870
P16=-96.6900 ;27.5000
P17=-96.8450 ;27.3790
P18=-97.0000 ;27.2580
P19=-97.2500 ;27.1550
P20=-97.5000 ;27.0520
P21=-97.7500 ;27.0350
P22=-98.0000 ;27.0180
P23=-98.2500 ;27.0625
P24=-98.5000 ;27.1070
P25=-98.7500 ;27.1760
P26=-99.0000 ;27.2450
P27=-99.2500 ;27.3065
P28=-99.5000 ;27.3680
P29=-99.7500 ;27.4150
P30=-100.0000;27.4620
P31=-100.2060;27.5000
P32=-100.3530;27.5345
P33=-100.5000;27.5690
P34=-100.7500;27.6465
P35=-101.0000;27.7240
P36=-101.2500;27.8405
P37=-101.5000;27.9570
P38=-101.5660;28.0000
P39=-101.7107;28.1273
P40=-101.8553;28.2547
P41=-102.0000;28.3820
P42=-102.1010;28.5000
P43=-102.2043;28.6667
P44=-102.3077;28.8333
P45=-102.4110;29.0000
P46=-102.4555;29.1290
P47=-102.5000;29.2580
P48=-102.5660;29.5000
P49=-102.5890;29.7500
P50=-102.6120;30.0000
P51=-102.5815;30.2500
P52=-102.5510;30.5000
P53=-102.5000;30.6570
P54=-102.4255;30.8285
P55=-102.3510;31.0000
P56=-102.2340;31.1637
P57=-102.1170;31.3273
P58=-102.0000;31.4910

P59=-101.9900;31.5000
P60=-101.7450;31.6445
P61=-101.5000;31.7890
P62=-101.2500;31.8610
P63=-101.0000;31.9330
P64=-100.7500;31.9245
P65=-100.5000;31.9160
P66=-100.2500;31.8535
P67=-100.0000;31.7910
P68=-99.7500 ;31.7020
P69=-99.5000 ;31.6130
P70=-99.3105 ;31.5565
P71=-99.1210 ;31.5000
P72=-99.0000 ;31.4570
P73=-98.7500 ;31.4100
P74=-98.5000 ;31.3630
P75=-98.2500 ;31.3565
P76=-98.0000 ;31.3500
P77=-97.7500 ;31.3525
P78=-97.5000 ;31.3550
P79=-97.2500 ;31.3255
P80=-97.0000 ;31.2960
P81=-96.7500 ;31.1870
P82=-96.5000 ;31.0780
P83=-96.4130 ;31.0000
P84=-96.2863 ;30.8333
P85=-96.1597 ;30.6667
P86=-96.0330 ;30.5000
P87=-96.0000 ;30.4220

[C8]

gain=-2.00

n_point=89

P1=-96.5000 ;30.0150
P2=-96.4930 ;30.0000
P3=-96.4640 ;29.8333
P4=-96.4350 ;29.6667
P5=-96.4060 ;29.5000
P6=-96.4153 ;29.3333
P7=-96.4247 ;29.1667
P8=-96.4340 ;29.0000
P9=-96.4670 ;28.8895
P10=-96.5000 ;28.7790
P11=-96.5615 ;28.6395
P12=-96.6230 ;28.5000
P13=-96.7390 ;28.3333
P14=-96.8550 ;28.1667
P15=-96.9710 ;28.0000
P16=-97.0000 ;27.9710
P17=-97.1667 ;27.8857
P18=-97.3333 ;27.8003
P19=-97.5000 ;27.7150
P20=-97.6667 ;27.6940
P21=-97.8333 ;27.6730
P22=-98.0000 ;27.6520
P23=-98.1667 ;27.6793
P24=-98.3333 ;27.7067
P25=-98.5000 ;27.7340

P26=-98.6667 ;27.7773
P27=-98.8333 ;27.8207
P28=-99.0000 ;27.8640
P29=-99.1667 ;27.9013
P30=-99.3333 ;27.9387
P31=-99.5000 ;27.9760
P32=-99.6340 ;28.0000
P33=-99.8170 ;28.0445
P34=-100.0000;28.0890
P35=-100.1667;28.1317
P36=-100.3333;28.1743
P37=-100.5000;28.2170
P38=-100.6667;28.2787
P39=-100.8333;28.3403
P40=-101.0000;28.4020
P41=-101.1600;28.5000
P42=-101.2733;28.5980
P43=-101.3867;28.6960
P44=-101.5000;28.7940
P45=-101.5845;28.8970
P46=-101.6690;29.0000
P47=-101.7410;29.1667
P48=-101.8130;29.3333
P49=-101.8850;29.5000
P50=-101.9040;29.6667
P51=-101.9230;29.8333
P52=-101.9420;30.0000
P53=-101.8920;30.1667
P54=-101.8420;30.3333
P55=-101.7920;30.5000
P56=-101.6947;30.6347
P57=-101.5973;30.7693
P58=-101.5000;30.9040
P59=-101.3720;31.0000
P60=-101.1860;31.0870
P61=-101.0000;31.1740
P62=-100.8333;31.1840
P63=-100.6667;31.1940
P64=-100.5000;31.2040
P65=-100.3333;31.1720
P66=-100.1667;31.1400
P67=-100.0000;31.1080
P68=-99.8240 ;31.0540
P69=-99.6480 ;31.0000
P70=-99.5000 ;30.9450
P71=-99.3333 ;30.8937
P72=-99.1667 ;30.8423
P73=-99.0000 ;30.7910
P74=-98.8333 ;30.7710
P75=-98.6667 ;30.7510
P76=-98.5000 ;30.7310
P77=-98.3333 ;30.7300
P78=-98.1667 ;30.7290
P79=-98.0000 ;30.7280
P80=-97.8333 ;30.7203
P81=-97.6667 ;30.7127
P82=-97.5000 ;30.7050

P83=-97.3333 ;30.6610
P84=-97.1667 ;30.6170
P85=-97.0000 ;30.5730
P86=-96.8960 ;30.5000
P87=-96.7640 ;30.3383
P88=-96.6320 ;30.1767
P89=-96.5000 ;30.0150
[C9]
gain=-30.00
n_point=65
P1=-94.5000 ;27.0780
P2=-94.5225 ;27.0390
P3=-94.5450 ;27.0000
P4=-94.5641 ;26.9615
P5=-94.5832 ;26.9231
P6=-94.6022 ;26.8846
P7=-94.6213 ;26.8462
P8=-94.6404 ;26.8077
P9=-94.6595 ;26.7692
P10=-94.6785 ;26.7308
P11=-94.6976 ;26.6923
P12=-94.7167 ;26.6538
P13=-94.7358 ;26.6154
P14=-94.7548 ;26.5769
P15=-94.7739 ;26.5385
P16=-94.7930 ;26.5000
P17=-94.7780 ;26.4583
P18=-94.7630 ;26.4167
P19=-94.7480 ;26.3750
P20=-94.7330 ;26.3333
P21=-94.7180 ;26.2917
P22=-94.7030 ;26.2500
P23=-94.6880 ;26.2083
P24=-94.6730 ;26.1667
P25=-94.6580 ;26.1250
P26=-94.6430 ;26.0833
P27=-94.6280 ;26.0417
P28=-94.6130 ;26.0000
P29=-94.5848 ;25.9725
P30=-94.5565 ;25.9450
P31=-94.5282 ;25.9175
P32=-94.5000 ;25.8900
P33=-94.4750 ;25.9267
P34=-94.4500 ;25.9633
P35=-94.4250 ;26.0000
P36=-94.4030 ;26.0385
P37=-94.3810 ;26.0769
P38=-94.3590 ;26.1154
P39=-94.3370 ;26.1538
P40=-94.3150 ;26.1923
P41=-94.2930 ;26.2308
P42=-94.2710 ;26.2692
P43=-94.2490 ;26.3077
P44=-94.2270 ;26.3462
P45=-94.2050 ;26.3846
P46=-94.1830 ;26.4231
P47=-94.1610 ;26.4615

P48=-94.1390 ;26.5000
P49=-94.1555 ;26.5385
P50=-94.1719 ;26.5769
P51=-94.1884 ;26.6154
P52=-94.2048 ;26.6538
P53=-94.2213 ;26.6923
P54=-94.2378 ;26.7308
P55=-94.2542 ;26.7692
P56=-94.2707 ;26.8077
P57=-94.2872 ;26.8462
P58=-94.3036 ;26.8846
P59=-94.3201 ;26.9231
P60=-94.3365 ;26.9615
P61=-94.3530 ;27.0000
P62=-94.3897 ;27.0195
P63=-94.4265 ;27.0390
P64=-94.4632 ;27.0585
P65=-94.5000 ;27.0780