

[FormatInfo]
format_ver=1
[GeoMain]
ntc_id=9000021
adm=USA
sat_name=USABSS-21
long_nom=-101.0000
n_diag=1
[COHeader]
beam_id=BB08
emi_rcp=E
polar_disc=X
reason=B
n_bore=1
n_cont=14
[B1]
gain=0.00
p=-95.6760;29.3600
[C1]
gain=-30.00
n_point=70
P1=-84.0000 ;17.5430
P2=-83.9950 ;17.5000
P3=-84.0000 ;17.4940
P4=-84.0329 ;17.4611
P5=-84.0657 ;17.4281
P6=-84.0986 ;17.3952
P7=-84.1315 ;17.3623
P8=-84.1643 ;17.3293
P9=-84.1972 ;17.2964
P10=-84.2301 ;17.2635
P11=-84.2629 ;17.2305
P12=-84.2958 ;17.1976
P13=-84.3287 ;17.1647
P14=-84.3615 ;17.1317
P15=-84.3944 ;17.0988
P16=-84.4273 ;17.0659
P17=-84.4601 ;17.0329
P18=-84.4930 ;17.0000
P19=-84.5000 ;16.9930
P20=-84.5357 ;16.9643
P21=-84.5714 ;16.9356
P22=-84.6071 ;16.9069
P23=-84.6429 ;16.8781
P24=-84.6786 ;16.8494
P25=-84.7143 ;16.8207
P26=-84.7500 ;16.7920
P27=-84.7857 ;16.7633
P28=-84.8214 ;16.7346
P29=-84.8571 ;16.7059
P30=-84.8929 ;16.6771
P31=-84.9286 ;16.6484
P32=-84.9643 ;16.6197
P33=-85.0000 ;16.5910
P34=-85.0059 ;16.6364
P35=-85.0118 ;16.6819
P36=-85.0177 ;16.7273

P37=-85.0236 ;16.7728
P38=-85.0294 ;16.8182
P39=-85.0353 ;16.8637
P40=-85.0412 ;16.9091
P41=-85.0471 ;16.9546
P42=-85.0530 ;17.0000
P43=-85.0265 ;17.0250
P44=-85.0000 ;17.0500
P45=-84.9667 ;17.0821
P46=-84.9334 ;17.1143
P47=-84.9001 ;17.1464
P48=-84.8669 ;17.1786
P49=-84.8336 ;17.2107
P50=-84.8003 ;17.2429
P51=-84.7670 ;17.2750
P52=-84.7337 ;17.3071
P53=-84.7004 ;17.3393
P54=-84.6671 ;17.3714
P55=-84.6339 ;17.4036
P56=-84.6006 ;17.4357
P57=-84.5673 ;17.4679
P58=-84.5340 ;17.5000
P59=-84.5000 ;17.5280
P60=-84.4545 ;17.5294
P61=-84.4091 ;17.5307
P62=-84.3636 ;17.5321
P63=-84.3182 ;17.5335
P64=-84.2727 ;17.5348
P65=-84.2273 ;17.5362
P66=-84.1818 ;17.5375
P67=-84.1364 ;17.5389
P68=-84.0909 ;17.5403
P69=-84.0455 ;17.5416
P70=-84.0000 ;17.5430

[C2]

gain=-30.00

n_point=86

P1=-82.5000 ;25.9190
P2=-82.3835 ;25.7095
P3=-82.2670 ;25.5000
P4=-82.3255 ;25.2500
P5=-82.3840 ;25.0000
P6=-82.4420 ;24.8220
P7=-82.5000 ;24.6440
P8=-82.5840 ;24.5000
P9=-82.6697 ;24.3333
P10=-82.7553 ;24.1667
P11=-82.8410 ;24.0000
P12=-82.9205 ;23.8200
P13=-83.0000 ;23.6400
P14=-83.0930 ;23.5000
P15=-83.1950 ;23.3333
P16=-83.2970 ;23.1667
P17=-83.3990 ;23.0000
P18=-83.5000 ;22.8270
P19=-83.6265 ;22.6635
P20=-83.7530 ;22.5000

P21=-83.8765 ;22.3075
P22=-84.0000 ;22.1150
P23=-84.1020 ;22.0000
P24=-84.2333 ;21.8333
P25=-84.3647 ;21.6667
P26=-84.4960 ;21.5000
P27=-84.5000 ;21.4950
P28=-84.6580 ;21.3300
P29=-84.8160 ;21.1650
P30=-84.9740 ;21.0000
P31=-85.0000 ;20.9730
P32=-85.1580 ;20.8153
P33=-85.3160 ;20.6577
P34=-85.4740 ;20.5000
P35=-85.5000 ;20.4740
P36=-85.6667 ;20.3443
P37=-85.8333 ;20.2147
P38=-86.0000 ;20.0850
P39=-86.1200 ;20.0000
P40=-86.3100 ;19.8795
P41=-86.5000 ;19.7590
P42=-86.7080 ;19.6295
P43=-86.9160 ;19.5000
P44=-87.0000 ;19.4490
P45=-87.1800 ;19.5000
P46=-87.1050 ;19.7500
P47=-87.0300 ;20.0000
P48=-87.0000 ;20.0370
P49=-86.8817 ;20.1913
P50=-86.7633 ;20.3457
P51=-86.6450 ;20.5000
P52=-86.5000 ;20.6790
P53=-86.3655 ;20.8395
P54=-86.2310 ;21.0000
P55=-86.1155 ;21.1615
P56=-86.0000 ;21.3230
P57=-85.8570 ;21.5000
P58=-85.7380 ;21.6520
P59=-85.6190 ;21.8040
P60=-85.5000 ;21.9560
P61=-85.4630 ;22.0000
P62=-85.3300 ;22.1667
P63=-85.1970 ;22.3333
P64=-85.0640 ;22.5000
P65=-85.0000 ;22.5850
P66=-84.8810 ;22.7233
P67=-84.7620 ;22.8617
P68=-84.6430 ;23.0000
P69=-84.5000 ;23.2190
P70=-84.3755 ;23.3595
P71=-84.2510 ;23.5000
P72=-84.1255 ;23.7010
P73=-84.0000 ;23.9020
P74=-83.9060 ;24.0000
P75=-83.7863 ;24.1667
P76=-83.6667 ;24.3333
P77=-83.5470 ;24.5000

P78=-83.5000 ;24.5870
P79=-83.3220 ;24.7935
P80=-83.1440 ;25.0000
P81=-83.0720 ;25.1315
P82=-83.0000 ;25.2630
P83=-82.8730 ;25.3815
P84=-82.7460 ;25.5000
P85=-82.6230 ;25.7095
P86=-82.5000 ;25.9190

[C3]

gain=-30.00

n_point=121

P1=-83.5000 ;33.5610
P2=-83.4960 ;33.5000
P3=-83.4840 ;33.0000
P4=-83.4700 ;32.5000
P5=-83.4710 ;32.0000
P6=-83.4970 ;31.5000
P7=-83.5000 ;31.4540
P8=-83.5440 ;31.0000
P9=-83.6010 ;30.5000
P10=-83.7000 ;30.0000
P11=-83.8000 ;29.5000
P12=-83.9060 ;29.0000
P13=-84.0000 ;28.5710
P14=-84.0230 ;28.5000
P15=-84.2080 ;28.0000
P16=-84.3870 ;27.5000
P17=-84.5000 ;27.1740
P18=-84.5870 ;27.0000
P19=-84.8350 ;26.5000
P20=-85.0000 ;26.1200
P21=-85.0730 ;26.0000
P22=-85.3700 ;25.5000
P23=-85.5000 ;25.2560
P24=-85.6840 ;25.0000
P25=-85.9890 ;24.5000
P26=-86.0000 ;24.4820
P27=-86.3950 ;24.0000
P28=-86.5000 ;23.8560
P29=-86.8090 ;23.5000
P30=-87.0000 ;23.2740
P31=-87.2610 ;23.0000
P32=-87.5000 ;22.7290
P33=-87.7390 ;22.5000
P34=-88.0000 ;22.2510
P35=-88.2720 ;22.0000
P36=-88.5000 ;21.7920
P37=-88.8360 ;21.5000
P38=-89.0000 ;21.3680
P39=-89.4520 ;21.0000
P40=-89.5000 ;20.9640
P41=-90.0000 ;20.5930
P42=-90.1240 ;20.5000
P43=-90.5000 ;20.2850
P44=-90.9210 ;20.0000
P45=-91.0000 ;19.9570

P46=-91.5000 ;19.7220
P47=-91.9010 ;19.5000
P48=-92.0000 ;19.4630
P49=-92.5000 ;19.3330
P50=-93.0000 ;19.2690
P51=-93.5000 ;19.3910
P52=-93.5880 ;19.5000
P53=-93.5000 ;19.5400
P54=-93.0000 ;19.9360
P55=-92.9540 ;20.0000
P56=-92.5000 ;20.2580
P57=-92.2340 ;20.5000
P58=-92.0000 ;20.6250
P59=-91.5420 ;21.0000
P60=-91.5000 ;21.0260
P61=-91.0000 ;21.4090
P62=-90.9120 ;21.5000
P63=-90.5000 ;21.8500
P64=-90.3520 ;22.0000
P65=-90.0000 ;22.3480
P66=-89.8650 ;22.5000
P67=-89.5000 ;22.9410
P68=-89.4520 ;23.0000
P69=-89.0650 ;23.5000
P70=-89.0000 ;23.5940
P71=-88.6830 ;24.0000
P72=-88.5000 ;24.2870
P73=-88.3460 ;24.5000
P74=-88.0450 ;25.0000
P75=-88.0000 ;25.0750
P76=-87.7150 ;25.5000
P77=-87.5000 ;25.8870
P78=-87.4220 ;26.0000
P79=-87.1330 ;26.5000
P80=-87.0000 ;26.7470
P81=-86.8300 ;27.0000
P82=-86.5910 ;27.5000
P83=-86.5000 ;27.7040
P84=-86.3150 ;28.0000
P85=-86.1070 ;28.5000
P86=-86.0000 ;28.8620
P87=-85.9240 ;29.0000
P88=-85.7270 ;29.5000
P89=-85.6050 ;30.0000
P90=-85.5320 ;30.5000
P91=-85.5000 ;30.9260
P92=-85.4860 ;31.0000
P93=-85.4100 ;31.5000
P94=-85.3780 ;32.0000
P95=-85.3990 ;32.5000
P96=-85.4810 ;33.0000
P97=-85.5000 ;33.1690
P98=-85.5160 ;33.5000
P99=-85.5820 ;34.0000
P100=-85.6700 ;34.5000
P101=-85.7810 ;35.0000
P102=-85.9400 ;35.5000

P103=-86.0000 ;35.7040
P104=-86.0550 ;36.0000
P105=-86.1380 ;36.5000
P106=-86.2260 ;37.0000
P107=-86.2190 ;37.5000
P108=-86.0000 ;37.9280
P109=-85.5000 ;37.9280
P110=-85.0000 ;37.5940
P111=-84.9130 ;37.5000
P112=-84.5000 ;37.0320
P113=-84.4830 ;37.0000
P114=-84.2360 ;36.5000
P115=-84.0000 ;36.0490
P116=-83.9840 ;36.0000
P117=-83.8580 ;35.5000
P118=-83.7370 ;35.0000
P119=-83.6450 ;34.5000
P120=-83.5540 ;34.0000
P121=-83.5000 ;33.5610

[C4]

gain=-30.00

n_point=203

P1=-87.0000 ;32.2100
P2=-86.9850 ;32.0000
P3=-86.9560 ;31.5000
P4=-86.9460 ;31.0000
P5=-86.9740 ;30.5000
P6=-87.0000 ;30.2240
P7=-87.0430 ;30.0000
P8=-87.1570 ;29.5000
P9=-87.2850 ;29.0000
P10=-87.4090 ;28.5000
P11=-87.5000 ;28.2020
P12=-87.5880 ;28.0000
P13=-87.8030 ;27.5000
P14=-88.0000 ;27.0470
P15=-88.0270 ;27.0000
P16=-88.3130 ;26.5000
P17=-88.5000 ;26.1760
P18=-88.6190 ;26.0000
P19=-88.9420 ;25.5000
P20=-89.0000 ;25.4260
P21=-89.3200 ;25.0000
P22=-89.5000 ;24.7800
P23=-89.7500 ;24.5000
P24=-90.0000 ;24.2180
P25=-90.2040 ;24.0000
P26=-90.5000 ;23.7060
P27=-90.7190 ;23.5000
P28=-91.0000 ;23.2480
P29=-91.2930 ;23.0000
P30=-91.5000 ;22.8530
P31=-91.9800 ;22.5000
P32=-92.0000 ;22.4870
P33=-92.5000 ;22.2340
P34=-92.9080 ;22.0000
P35=-93.0000 ;21.9640

P36=-93.5000 ;21.7980
P37=-94.0000 ;21.6270
P38=-94.4280 ;21.5000
P39=-94.5000 ;21.4880
P40=-95.0000 ;21.4350
P41=-95.5000 ;21.4070
P42=-96.0000 ;21.4190
P43=-96.5000 ;21.4700
P44=-96.6920 ;21.5000
P45=-97.0000 ;21.6180
P46=-97.5000 ;21.7920
P47=-98.0000 ;21.8920
P48=-98.5000 ;21.9560
P49=-98.7510 ;22.0000
P50=-99.0000 ;22.0590
P51=-99.5000 ;22.2120
P52=-100.0000;22.3970
P53=-100.2100;22.5000
P54=-100.5000;22.6570
P55=-101.0000;22.9750
P56=-101.0330;23.0000
P57=-101.5000;23.3920
P58=-101.6280;23.5000
P59=-102.0000;23.8750
P60=-102.1330;24.0000
P61=-102.5000;24.4480
P62=-102.5670;24.5000
P63=-102.9590;25.0000
P64=-103.0000;25.0680
P65=-103.3650;25.5000
P66=-103.5000;25.8030
P67=-103.8790;26.0000
P68=-103.9990;26.5000
P69=-104.0000;26.5040
P70=-104.0020;26.5000
P71=-104.0630;26.0000
P72=-104.0000;25.5000
P73=-104.0000;25.4990
P74=-103.8760;25.0000
P75=-103.7680;24.5000
P76=-103.6280;24.0000
P77=-103.5000;23.6400
P78=-103.4650;23.5000
P79=-103.3910;23.0000
P80=-103.5000;22.6410
P81=-104.0000;22.8120
P82=-104.1880;23.0000
P83=-104.5000;23.3020
P84=-104.6330;23.5000
P85=-104.9970;24.0000
P86=-105.0000;24.0040
P87=-105.1990;24.5000
P88=-105.4370;25.0000
P89=-105.5000;25.1290
P90=-105.6120;25.5000
P91=-105.7630;26.0000
P92=-105.9290;26.5000

P93=-106.0000;26.7090
P94=-106.0620;27.0000
P95=-106.1600;27.5000
P96=-106.2610;28.0000
P97=-106.3530;28.5000
P98=-106.4460;29.0000
P99=-106.5000;29.3690
P100=-106.5090;29.5000
P101=-106.5270;30.0000
P102=-106.5270;30.5000
P103=-106.5110;31.0000
P104=-106.5000;31.1880
P105=-106.4530;31.5000
P106=-106.3370;32.0000
P107=-106.2170;32.5000
P108=-106.1020;33.0000
P109=-106.0000;33.4450
P110=-105.9620;33.5000
P111=-105.7110;34.0000
P112=-105.5490;34.5000
P113=-105.5000;34.6380
P114=-105.1450;34.5000
P115=-105.2580;34.0000
P116=-105.3330;33.5000
P117=-105.3970;33.0000
P118=-105.4450;32.5000
P119=-105.4770;32.0000
P120=-105.4960;31.5000
P121=-105.4980;31.0000
P122=-105.4800;30.5000
P123=-105.4350;30.0000
P124=-105.3560;29.5000
P125=-105.2340;29.0000
P126=-105.0550;28.5000
P127=-105.0000;28.3700
P128=-104.7980;28.0000
P129=-104.5980;27.5000
P130=-104.5000;27.2290
P131=-104.3870;27.5000
P132=-104.3180;28.0000
P133=-104.2600;28.5000
P134=-104.1860;29.0000
P135=-104.0760;29.5000
P136=-104.0000;29.7560
P137=-103.9590;30.0000
P138=-103.8430;30.5000
P139=-103.7050;31.0000
P140=-103.5560;31.5000
P141=-103.5000;31.6560
P142=-103.3630;32.0000
P143=-103.1650;32.5000
P144=-103.0000;32.9390
P145=-102.9670;33.0000
P146=-102.6860;33.5000
P147=-102.5000;33.9050
P148=-102.4420;34.0000
P149=-102.1380;34.5000

P150=-102.0000;34.7580
P151=-101.8220;35.0000
P152=-101.5000;35.4970
P153=-101.4980;35.5000
P154=-101.1080;36.0000
P155=-101.0000;36.1440
P156=-100.6750;36.5000
P157=-100.5000;36.6960
P158=-100.1970;37.0000
P159=-100.0000;37.1960
P160=-99.6680 ;37.5000
P161=-99.5000 ;37.6490
P162=-99.0480 ;38.0000
P163=-99.0000 ;38.0360
P164=-98.5000 ;38.3450
P165=-98.2280 ;38.5000
P166=-98.0000 ;38.6210
P167=-97.5000 ;38.8290
P168=-97.0080 ;39.0000
P169=-97.0000 ;39.0030
P170=-96.5000 ;39.1160
P171=-96.0000 ;39.1830
P172=-95.5000 ;39.2040
P173=-95.0000 ;39.1850
P174=-94.5000 ;39.1290
P175=-94.0000 ;39.0370
P176=-93.8430 ;39.0000
P177=-93.5000 ;38.8990
P178=-93.0000 ;38.7340
P179=-92.5000 ;38.5610
P180=-92.3300 ;38.5000
P181=-92.0000 ;38.3430
P182=-91.5000 ;38.1180
P183=-91.2420 ;38.0000
P184=-91.0000 ;37.8720
P185=-90.5000 ;37.6030
P186=-90.3390 ;37.5000
P187=-90.0000 ;37.2770
P188=-89.6160 ;37.0000
P189=-89.5000 ;36.9120
P190=-89.0720 ;36.5000
P191=-89.0000 ;36.4350
P192=-88.6420 ;36.0000
P193=-88.5000 ;35.8360
P194=-88.2820 ;35.5000
P195=-88.0000 ;35.1150
P196=-87.9460 ;35.0000
P197=-87.7200 ;34.5000
P198=-87.5000 ;34.1050
P199=-87.4660 ;34.0000
P200=-87.3300 ;33.5000
P201=-87.1770 ;33.0000
P202=-87.0490 ;32.5000
P203=-87.0000 ;32.2100
[C5]
gain=-30.00
n_point=72

P1=-96.5000 ;23.6360
P2=-96.5714 ;23.6561
P3=-96.6429 ;23.6763
P4=-96.7143 ;23.6964
P5=-96.7857 ;23.7166
P6=-96.8571 ;23.7367
P7=-96.9286 ;23.7569
P8=-97.0000 ;23.7770
P9=-97.0714 ;23.7577
P10=-97.1429 ;23.7384
P11=-97.2143 ;23.7191
P12=-97.2857 ;23.6999
P13=-97.3571 ;23.6806
P14=-97.4286 ;23.6613
P15=-97.5000 ;23.6420
P16=-97.5618 ;23.6183
P17=-97.6237 ;23.5947
P18=-97.6855 ;23.5710
P19=-97.7473 ;23.5473
P20=-97.8092 ;23.5237
P21=-97.8710 ;23.5000
P22=-97.8877 ;23.4286
P23=-97.9044 ;23.3571
P24=-97.9211 ;23.2857
P25=-97.9379 ;23.2143
P26=-97.9546 ;23.1429
P27=-97.9713 ;23.0714
P28=-97.9880 ;23.0000
P29=-97.9338 ;22.9486
P30=-97.8796 ;22.8971
P31=-97.8253 ;22.8457
P32=-97.7711 ;22.7942
P33=-97.7169 ;22.7428
P34=-97.6627 ;22.6913
P35=-97.6084 ;22.6399
P36=-97.5542 ;22.5884
P37=-97.5000 ;22.5370
P38=-97.4286 ;22.5336
P39=-97.3571 ;22.5301
P40=-97.2857 ;22.5267
P41=-97.2143 ;22.5233
P42=-97.1429 ;22.5199
P43=-97.0714 ;22.5164
P44=-97.0000 ;22.5130
P45=-96.9286 ;22.5287
P46=-96.8571 ;22.5444
P47=-96.7857 ;22.5601
P48=-96.7143 ;22.5759
P49=-96.6429 ;22.5916
P50=-96.5714 ;22.6073
P51=-96.5000 ;22.6230
P52=-96.4415 ;22.6701
P53=-96.3830 ;22.7173
P54=-96.3245 ;22.7644
P55=-96.2660 ;22.8115
P56=-96.2075 ;22.8586
P57=-96.1490 ;22.9058

P58=-96.0905 ;22.9529
P59=-96.0320 ;23.0000
P60=-96.0449 ;23.0714
P61=-96.0577 ;23.1429
P62=-96.0706 ;23.2143
P63=-96.0834 ;23.2857
P64=-96.0963 ;23.3571
P65=-96.1091 ;23.4286
P66=-96.1220 ;23.5000
P67=-96.1850 ;23.5227
P68=-96.2480 ;23.5453
P69=-96.3110 ;23.5680
P70=-96.3740 ;23.5907
P71=-96.4370 ;23.6133
P72=-96.5000 ;23.6360
[C6]
gain=-20.00
n_point=71
P1=-88.5000 ;30.7130
P2=-88.4913 ;30.6420
P3=-88.4827 ;30.5710
P4=-88.4740 ;30.5000
P5=-88.4737 ;30.4286
P6=-88.4734 ;30.3571
P7=-88.4731 ;30.2857
P8=-88.4729 ;30.2143
P9=-88.4726 ;30.1429
P10=-88.4723 ;30.0714
P11=-88.4720 ;30.0000
P12=-88.4813 ;29.9297
P13=-88.4907 ;29.8593
P14=-88.5000 ;29.7890
P15=-88.5355 ;29.7167
P16=-88.5710 ;29.6445
P17=-88.6065 ;29.5723
P18=-88.6420 ;29.5000
P19=-88.6674 ;29.4286
P20=-88.6929 ;29.3571
P21=-88.7183 ;29.2857
P22=-88.7437 ;29.2143
P23=-88.7691 ;29.1429
P24=-88.7946 ;29.0714
P25=-88.8200 ;29.0000
P26=-88.8457 ;28.9287
P27=-88.8714 ;28.8574
P28=-88.8971 ;28.7861
P29=-88.9229 ;28.7149
P30=-88.9486 ;28.6436
P31=-88.9743 ;28.5723
P32=-89.0000 ;28.5010
P33=-89.0220 ;28.5723
P34=-89.0440 ;28.6436
P35=-89.0660 ;28.7149
P36=-89.0880 ;28.7861
P37=-89.1100 ;28.8574
P38=-89.1320 ;28.9287
P39=-89.1540 ;29.0000

P40=-89.1501 ;29.0714
P41=-89.1463 ;29.1429
P42=-89.1424 ;29.2143
P43=-89.1386 ;29.2857
P44=-89.1347 ;29.3571
P45=-89.1309 ;29.4286
P46=-89.1270 ;29.5000
P47=-89.1211 ;29.5714
P48=-89.1153 ;29.6429
P49=-89.1094 ;29.7143
P50=-89.1036 ;29.7857
P51=-89.0977 ;29.8571
P52=-89.0919 ;29.9286
P53=-89.0860 ;30.0000
P54=-89.0791 ;30.0714
P55=-89.0723 ;30.1429
P56=-89.0654 ;30.2143
P57=-89.0586 ;30.2857
P58=-89.0517 ;30.3571
P59=-89.0449 ;30.4286
P60=-89.0380 ;30.5000
P61=-89.0304 ;30.5666
P62=-89.0228 ;30.6332
P63=-89.0152 ;30.6998
P64=-89.0076 ;30.7664
P65=-89.0000 ;30.8330
P66=-88.9167 ;30.8130
P67=-88.8333 ;30.7930
P68=-88.7500 ;30.7730
P69=-88.6667 ;30.7530
P70=-88.5833 ;30.7330
P71=-88.5000 ;30.7130
[C7]
gain=-30.00
n_point=67
P1=-90.5000 ;30.5980
P2=-90.5040 ;30.5490
P3=-90.5080 ;30.5000
P4=-90.5109 ;30.4286
P5=-90.5137 ;30.3571
P6=-90.5166 ;30.2857
P7=-90.5194 ;30.2143
P8=-90.5223 ;30.1429
P9=-90.5251 ;30.0714
P10=-90.5280 ;30.0000
P11=-90.5361 ;29.9286
P12=-90.5443 ;29.8571
P13=-90.5524 ;29.7857
P14=-90.5606 ;29.7143
P15=-90.5687 ;29.6429
P16=-90.5769 ;29.5714
P17=-90.5850 ;29.5000
P18=-90.5939 ;29.4286
P19=-90.6027 ;29.3571
P20=-90.6116 ;29.2857
P21=-90.6204 ;29.2143
P22=-90.6293 ;29.1429

P23=-90.6381 ;29.0714
P24=-90.6470 ;29.0000
P25=-90.6484 ;28.9286
P26=-90.6499 ;28.8571
P27=-90.6513 ;28.7857
P28=-90.6527 ;28.7143
P29=-90.6541 ;28.6429
P30=-90.6556 ;28.5714
P31=-90.6570 ;28.5000
P32=-90.6047 ;28.4467
P33=-90.5523 ;28.3933
P34=-90.5000 ;28.3400
P35=-90.4753 ;28.3933
P36=-90.4507 ;28.4467
P37=-90.4260 ;28.5000
P38=-90.4147 ;28.5714
P39=-90.4034 ;28.6429
P40=-90.3921 ;28.7143
P41=-90.3809 ;28.7857
P42=-90.3696 ;28.8571
P43=-90.3583 ;28.9286
P44=-90.3470 ;29.0000
P45=-90.3493 ;29.0714
P46=-90.3516 ;29.1429
P47=-90.3539 ;29.2143
P48=-90.3561 ;29.2857
P49=-90.3584 ;29.3571
P50=-90.3607 ;29.4286
P51=-90.3630 ;29.5000
P52=-90.3731 ;29.5714
P53=-90.3833 ;29.6429
P54=-90.3934 ;29.7143
P55=-90.4036 ;29.7857
P56=-90.4137 ;29.8571
P57=-90.4239 ;29.9286
P58=-90.4340 ;30.0000
P59=-90.4400 ;30.0714
P60=-90.4460 ;30.1429
P61=-90.4520 ;30.2143
P62=-90.4580 ;30.2857
P63=-90.4640 ;30.3571
P64=-90.4700 ;30.4286
P65=-90.4760 ;30.5000
P66=-90.4880 ;30.5490
P67=-90.5000 ;30.5980
[C8]
gain=-30.00
n_point=78
P1=-90.5000 ;33.8520
P2=-90.5105 ;33.9260
P3=-90.5210 ;34.0000
P4=-90.5448 ;34.1250
P5=-90.5685 ;34.2500
P6=-90.5922 ;34.3750
P7=-90.6160 ;34.5000
P8=-90.6712 ;34.6250
P9=-90.7265 ;34.7500

P10=-90.7818 ;34.8750
P11=-90.8370 ;35.0000
P12=-90.8913 ;35.0923
P13=-90.9457 ;35.1847
P14=-91.0000 ;35.2770
P15=-91.0660 ;35.3885
P16=-91.1320 ;35.5000
P17=-91.2240 ;35.6040
P18=-91.3160 ;35.7080
P19=-91.4080 ;35.8120
P20=-91.5000 ;35.9160
P21=-91.5820 ;35.9580
P22=-91.6640 ;36.0000
P23=-91.7760 ;36.0827
P24=-91.8880 ;36.1653
P25=-92.0000 ;36.2480
P26=-92.1667 ;36.2767
P27=-92.3333 ;36.3053
P28=-92.5000 ;36.3340
P29=-92.6058 ;36.2505
P30=-92.7115 ;36.1670
P31=-92.8173 ;36.0835
P32=-92.9230 ;36.0000
P33=-92.8408 ;35.8750
P34=-92.7585 ;35.7500
P35=-92.6762 ;35.6250
P36=-92.5940 ;35.5000
P37=-92.5000 ;35.4220
P38=-92.4212 ;35.3165
P39=-92.3425 ;35.2110
P40=-92.2638 ;35.1055
P41=-92.1850 ;35.0000
P42=-92.0925 ;34.9055
P43=-92.0000 ;34.8110
P44=-91.9437 ;34.7073
P45=-91.8873 ;34.6037
P46=-91.8310 ;34.5000
P47=-91.7483 ;34.4022
P48=-91.6655 ;34.3045
P49=-91.5827 ;34.2068
P50=-91.5000 ;34.1090
P51=-91.4320 ;34.0545
P52=-91.3640 ;34.0000
P53=-91.2877 ;33.8750
P54=-91.2115 ;33.7500
P55=-91.1353 ;33.6250
P56=-91.0590 ;33.5000
P57=-91.0000 ;33.3810
P58=-90.9170 ;33.2857
P59=-90.8340 ;33.1905
P60=-90.7510 ;33.0953
P61=-90.6680 ;33.0000
P62=-90.6275 ;32.8750
P63=-90.5870 ;32.7500
P64=-90.5465 ;32.6250
P65=-90.5060 ;32.5000
P66=-90.5000 ;32.4750

P67=-90.4920 ;32.5000
P68=-90.4615 ;32.6250
P69=-90.4310 ;32.7500
P70=-90.4005 ;32.8750
P71=-90.3700 ;33.0000
P72=-90.3880 ;33.1250
P73=-90.4060 ;33.2500
P74=-90.4240 ;33.3750
P75=-90.4420 ;33.5000
P76=-90.4613 ;33.6173
P77=-90.4807 ;33.7347
P78=-90.5000 ;33.8520
[C9]
gain=-30.00
n_point=70
P1=-99.5000 ;34.1750
P2=-99.5808 ;34.1312
P3=-99.6615 ;34.0875
P4=-99.7422 ;34.0438
P5=-99.8230 ;34.0000
P6=-99.9115 ;33.9780
P7=-100.0000;33.9560
P8=-100.0540;33.8990
P9=-100.1080;33.8420
P10=-100.1620;33.7850
P11=-100.2160;33.7280
P12=-100.2700;33.6710
P13=-100.3240;33.6140
P14=-100.3780;33.5570
P15=-100.4320;33.5000
P16=-100.4660;33.4555
P17=-100.5000;33.4110
P18=-100.5490;33.3425
P19=-100.5980;33.2740
P20=-100.6470;33.2055
P21=-100.6960;33.1370
P22=-100.7450;33.0685
P23=-100.7940;33.0000
P24=-100.8014;32.9286
P25=-100.8089;32.8571
P26=-100.8163;32.7857
P27=-100.8237;32.7143
P28=-100.8311;32.6429
P29=-100.8386;32.5714
P30=-100.8460;32.5000
P31=-100.7966;32.4327
P32=-100.7471;32.3654
P33=-100.6977;32.2981
P34=-100.6483;32.2309
P35=-100.5989;32.1636
P36=-100.5494;32.0963
P37=-100.5000;32.0290
P38=-100.4466;32.0963
P39=-100.3931;32.1636
P40=-100.3397;32.2309
P41=-100.2863;32.2981
P42=-100.2329;32.3654

P43=-100.1794;32.4327
P44=-100.1260;32.5000
P45=-100.0630;32.5460
P46=-100.0000;32.5920
P47=-99.9542 ;32.6600
P48=-99.9083 ;32.7280
P49=-99.8625 ;32.7960
P50=-99.8167 ;32.8640
P51=-99.7708 ;32.9320
P52=-99.7250 ;33.0000
P53=-99.6929 ;33.0696
P54=-99.6607 ;33.1391
P55=-99.6286 ;33.2087
P56=-99.5964 ;33.2783
P57=-99.5643 ;33.3479
P58=-99.5321 ;33.4174
P59=-99.5000 ;33.4870
P60=-99.4910 ;33.5000
P61=-99.4753 ;33.5714
P62=-99.4596 ;33.6429
P63=-99.4439 ;33.7143
P64=-99.4281 ;33.7857
P65=-99.4124 ;33.8571
P66=-99.3967 ;33.9286
P67=-99.3810 ;34.0000
P68=-99.4207 ;34.0583
P69=-99.4603 ;34.1167
P70=-99.5000 ;34.1750

[C10]

gain=-20.00

n_point=114

P1=-91.0000 ;31.0260
P2=-90.9980 ;31.0000
P3=-90.9950 ;30.7500
P4=-90.9920 ;30.5000
P5=-91.0000 ;30.3310
P6=-91.0240 ;30.0000
P7=-91.0600 ;29.7500
P8=-91.0960 ;29.5000
P9=-91.1590 ;29.2500
P10=-91.2220 ;29.0000
P11=-91.2890 ;28.7500
P12=-91.3560 ;28.5000
P13=-91.4060 ;28.2500
P14=-91.4560 ;28.0000
P15=-91.5000 ;27.8400
P16=-91.6490 ;27.5000
P17=-91.7485 ;27.2500
P18=-91.8480 ;27.0000
P19=-92.0000 ;26.6590
P20=-92.0920 ;26.5000
P21=-92.2345 ;26.2500
P22=-92.3770 ;26.0000
P23=-92.5000 ;25.7960
P24=-92.7330 ;25.5000
P25=-93.0000 ;25.2050
P26=-93.2510 ;25.0000

P27=-93.5000 ;24.7920
P28=-93.7500 ;24.6675
P29=-94.0000 ;24.5430
P30=-94.1140 ;24.5000
P31=-94.5000 ;24.3580
P32=-95.0000 ;24.2600
P33=-95.5000 ;24.2130
P34=-96.0000 ;24.2030
P35=-96.5000 ;24.2280
P36=-97.0000 ;24.2800
P37=-97.5000 ;24.3490
P38=-98.0000 ;24.4340
P39=-98.3250 ;24.5000
P40=-98.5000 ;24.5500
P41=-99.0000 ;24.6860
P42=-99.5000 ;24.8490
P43=-99.8660 ;25.0000
P44=-100.0000;25.0740
P45=-100.2500;25.2405
P46=-100.5000;25.4070
P47=-100.6090;25.5000
P48=-100.8045;25.7265
P49=-101.0000;25.9530
P50=-101.0340;26.0000
P51=-101.1710;26.2500
P52=-101.3080;26.5000
P53=-101.3945;26.7500
P54=-101.4810;27.0000
P55=-101.5000;27.1360
P56=-101.5560;27.5000
P57=-101.5475;27.7500
P58=-101.5390;28.0000
P59=-101.5000;28.1400
P60=-101.4270;28.5000
P61=-101.3380;28.7500
P62=-101.2490;29.0000
P63=-101.0000;29.3980
P64=-100.9690;29.5000
P65=-100.8710;29.7500
P66=-100.7730;30.0000
P67=-100.6450;30.2500
P68=-100.5170;30.5000
P69=-100.5000;30.5240
P70=-100.3880;30.7620
P71=-100.2760;31.0000
P72=-100.1525;31.2500
P73=-100.0290;31.5000
P74=-100.0000;31.5470
P75=-99.8635 ;31.7735
P76=-99.7270 ;32.0000
P77=-99.5000 ;32.4160
P78=-99.4450 ;32.5000
P79=-99.2715 ;32.7500
P80=-99.0980 ;33.0000
P81=-99.0000 ;33.1530
P82=-98.7150 ;33.5000
P83=-98.5000 ;33.7810

P84=-98.2800 ;34.0000
P85=-98.0000 ;34.2850
P86=-97.7360 ;34.5000
P87=-97.5000 ;34.7010
P88=-97.2535 ;34.8505
P89=-97.0070 ;35.0000
P90=-97.0000 ;35.0050
P91=-96.5000 ;35.2370
P92=-96.0000 ;35.3800
P93=-95.5000 ;35.4510
P94=-95.0000 ;35.4580
P95=-94.5000 ;35.3990
P96=-94.0000 ;35.2630
P97=-93.5000 ;35.0680
P98=-93.3830 ;35.0000
P99=-93.0000 ;34.7660
P100=-92.6400 ;34.5000
P101=-92.5000 ;34.3830
P102=-92.1560 ;34.0000
P103=-92.0000 ;33.8170
P104=-91.7860 ;33.5000
P105=-91.6430 ;33.2685
P106=-91.5000 ;33.0370
P107=-91.4840 ;33.0000
P108=-91.3955 ;32.7500
P109=-91.3070 ;32.5000
P110=-91.2265 ;32.2500
P111=-91.1460 ;32.0000
P112=-91.0965 ;31.7500
P113=-91.0470 ;31.5000
P114=-91.0000 ;31.0260

[C11]

gain=-10.00
n_point=104
P1=-92.0000 ;30.7260
P2=-91.9780 ;30.5000
P3=-91.9770 ;30.2500
P4=-91.9760 ;30.0000
P5=-92.0000 ;29.6510
P6=-92.0140 ;29.5000
P7=-92.0680 ;29.2500
P8=-92.1220 ;29.0000
P9=-92.1980 ;28.7500
P10=-92.2740 ;28.5000
P11=-92.3610 ;28.2500
P12=-92.4480 ;28.0000
P13=-92.5000 ;27.8800
P14=-92.6065 ;27.6900
P15=-92.7130 ;27.5000
P16=-92.8565 ;27.2660
P17=-93.0000 ;27.0320
P18=-93.0240 ;27.0000
P19=-93.2410 ;26.7500
P20=-93.4580 ;26.5000
P21=-93.5000 ;26.4560
P22=-93.7500 ;26.2465
P23=-94.0000 ;26.0370

P24=-94.0560 ;26.0000
P25=-94.2780 ;25.8765
P26=-94.5000 ;25.7530
P27=-94.7500 ;25.6480
P28=-95.0000 ;25.5430
P29=-95.1640 ;25.5000
P30=-95.5000 ;25.4280
P31=-95.7500 ;25.4070
P32=-96.0000 ;25.3860
P33=-96.2500 ;25.3975
P34=-96.5000 ;25.4090
P35=-96.7500 ;25.4535
P36=-97.0000 ;25.4980
P37=-97.0050 ;25.5000
P38=-97.2525 ;25.5925
P39=-97.5000 ;25.6850
P40=-97.7500 ;25.8180
P41=-98.0000 ;25.9510
P42=-98.0740 ;26.0000
P43=-98.2870 ;26.1820
P44=-98.5000 ;26.3640
P45=-98.6310 ;26.5000
P46=-98.8155 ;26.7495
P47=-99.0000 ;26.9990
P48=-99.0010 ;27.0000
P49=-99.1145 ;27.2500
P50=-99.2280 ;27.5000
P51=-99.3025 ;27.7500
P52=-99.3770 ;28.0000
P53=-99.4150 ;28.2500
P54=-99.4530 ;28.5000
P55=-99.4615 ;28.7500
P56=-99.4700 ;29.0000
P57=-99.4470 ;29.2500
P58=-99.4240 ;29.5000
P59=-99.3770 ;29.7500
P60=-99.3300 ;30.0000
P61=-99.2580 ;30.2500
P62=-99.1860 ;30.5000
P63=-99.0960 ;30.7500
P64=-99.0060 ;31.0000
P65=-99.0000 ;31.0130
P66=-98.8720 ;31.2565
P67=-98.7440 ;31.5000
P68=-98.6220 ;31.7035
P69=-98.5000 ;31.9070
P70=-98.4340 ;32.0000
P71=-98.2355 ;32.2500
P72=-98.0370 ;32.5000
P73=-98.0000 ;32.5420
P74=-97.7620 ;32.7710
P75=-97.5240 ;33.0000
P76=-97.5000 ;33.0210
P77=-97.2500 ;33.1890
P78=-97.0000 ;33.3570
P79=-96.7360 ;33.5000
P80=-96.5000 ;33.6150

P81=-96.2500 ;33.6990
P82=-96.0000 ;33.7830
P83=-95.7500 ;33.8290
P84=-95.5000 ;33.8750
P85=-95.2500 ;33.8840
P86=-95.0000 ;33.8930
P87=-94.7500 ;33.8555
P88=-94.5000 ;33.8180
P89=-94.2500 ;33.7415
P90=-94.0000 ;33.6650
P91=-93.6720 ;33.5000
P92=-93.5000 ;33.3990
P93=-93.2500 ;33.2030
P94=-93.0000 ;33.0070
P95=-92.9940 ;33.0000
P96=-92.8045 ;32.7500
P97=-92.6150 ;32.5000
P98=-92.5000 ;32.3200
P99=-92.3430 ;32.0000
P100=-92.2500 ;31.7500
P101=-92.1570 ;31.5000
P102=-92.0965 ;31.2500
P103=-92.0360 ;31.0000
P104=-92.0000 ;30.7260
[C12]
gain=-6.00
n_point=88
P1=-93.0000 ;31.5090
P2=-92.9960 ;31.5000
P3=-92.9100 ;31.2500
P4=-92.8240 ;31.0000
P5=-92.7725 ;30.7500
P6=-92.7210 ;30.5000
P7=-92.7070 ;30.2500
P8=-92.6930 ;30.0000
P9=-92.7095 ;29.7500
P10=-92.7260 ;29.5000
P11=-92.7730 ;29.2500
P12=-92.8200 ;29.0000
P13=-92.8950 ;28.7500
P14=-92.9700 ;28.5000
P15=-93.0000 ;28.4240
P16=-93.1045 ;28.2120
P17=-93.2090 ;28.0000
P18=-93.3545 ;27.7590
P19=-93.5000 ;27.5180
P20=-93.5140 ;27.5000
P21=-93.6670 ;27.3333
P22=-93.8200 ;27.1667
P23=-93.9730 ;27.0000
P24=-94.0000 ;26.9750
P25=-94.1667 ;26.8537
P26=-94.3333 ;26.7323
P27=-94.5000 ;26.6110
P28=-94.7130 ;26.5000
P29=-94.8565 ;26.4365
P30=-95.0000 ;26.3730

P31=-95.2500 ;26.3045
P32=-95.5000 ;26.2360
P33=-95.7500 ;26.2155
P34=-96.0000 ;26.1950
P35=-96.2500 ;26.2190
P36=-96.5000 ;26.2430
P37=-96.7500 ;26.3185
P38=-97.0000 ;26.3940
P39=-97.2200 ;26.5000
P40=-97.3600 ;26.5860
P41=-97.5000 ;26.6720
P42=-97.6905 ;26.8360
P43=-97.8810 ;27.0000
P44=-98.0000 ;27.1360
P45=-98.1230 ;27.3180
P46=-98.2460 ;27.5000
P47=-98.3655 ;27.7500
P48=-98.4850 ;28.0000
P49=-98.5000 ;28.0540
P50=-98.5510 ;28.2770
P51=-98.6020 ;28.5000
P52=-98.6255 ;28.7500
P53=-98.6490 ;29.0000
P54=-98.6360 ;29.2500
P55=-98.6230 ;29.5000
P56=-98.5820 ;29.7500
P57=-98.5410 ;30.0000
P58=-98.5000 ;30.1430
P59=-98.4395 ;30.3215
P60=-98.3790 ;30.5000
P61=-98.2645 ;30.7500
P62=-98.1500 ;31.0000
P63=-98.0750 ;31.1345
P64=-98.0000 ;31.2690
P65=-97.8420 ;31.5000
P66=-97.6710 ;31.7080
P67=-97.5000 ;31.9160
P68=-97.4130 ;32.0000
P69=-97.2065 ;32.1745
P70=-97.0000 ;32.3490
P71=-96.7730 ;32.5000
P72=-96.5000 ;32.6580
P73=-96.2500 ;32.7530
P74=-96.0000 ;32.8480
P75=-95.7500 ;32.9000
P76=-95.5000 ;32.9520
P77=-95.2500 ;32.9515
P78=-95.0000 ;32.9510
P79=-94.7500 ;32.8960
P80=-94.5000 ;32.8410
P81=-94.2500 ;32.7285
P82=-94.0000 ;32.6160
P83=-93.8360 ;32.5000
P84=-93.6680 ;32.3570
P85=-93.5000 ;32.2140
P86=-93.3190 ;32.0000
P87=-93.1595 ;31.7545

P88=-93.0000 ;31.5090
[C13]
gain=-4.00
n_point=92
P1=-93.5000 ;31.2350
P2=-93.4465 ;31.1175
P3=-93.3930 ;31.0000
P4=-93.3440 ;30.8333
P5=-93.2950 ;30.6667
P6=-93.2460 ;30.5000
P7=-93.2267 ;30.3333
P8=-93.2073 ;30.1667
P9=-93.1880 ;30.0000
P10=-93.1953 ;29.8333
P11=-93.2027 ;29.6667
P12=-93.2100 ;29.5000
P13=-93.2430 ;29.3333
P14=-93.2760 ;29.1667
P15=-93.3090 ;29.0000
P16=-93.3653 ;28.8333
P17=-93.4217 ;28.6667
P18=-93.4780 ;28.5000
P19=-93.5000 ;28.4510
P20=-93.5877 ;28.3007
P21=-93.6753 ;28.1503
P22=-93.7630 ;28.0000
P23=-93.8815 ;27.8435
P24=-94.0000 ;27.6870
P25=-94.0905 ;27.5935
P26=-94.1810 ;27.5000
P27=-94.3405 ;27.3610
P28=-94.5000 ;27.2220
P29=-94.6840 ;27.1110
P30=-94.8680 ;27.0000
P31=-95.0000 ;26.9350
P32=-95.1667 ;26.8853
P33=-95.3333 ;26.8357
P34=-95.5000 ;26.7860
P35=-95.7500 ;26.7695
P36=-96.0000 ;26.7530
P37=-96.2500 ;26.7895
P38=-96.5000 ;26.8260
P39=-96.7215 ;26.9130
P40=-96.9430 ;27.0000
P41=-97.0000 ;27.0300
P42=-97.1667 ;27.1673
P43=-97.3333 ;27.3047
P44=-97.5000 ;27.4420
P45=-97.5500 ;27.5000
P46=-97.6557 ;27.6667
P47=-97.7613 ;27.8333
P48=-97.8670 ;28.0000
P49=-97.9335 ;28.1725
P50=-98.0000 ;28.3450
P51=-98.0460 ;28.5000
P52=-98.0690 ;28.6667
P53=-98.0920 ;28.8333

P54=-98.1150 ;29.0000
P55=-98.1090 ;29.1667
P56=-98.1030 ;29.3333
P57=-98.0970 ;29.5000
P58=-98.0690 ;29.6667
P59=-98.0410 ;29.8333
P60=-98.0130 ;30.0000
P61=-98.0000 ;30.0420
P62=-97.9400 ;30.1947
P63=-97.8800 ;30.3473
P64=-97.8200 ;30.5000
P65=-97.7313 ;30.6667
P66=-97.6427 ;30.8333
P67=-97.5540 ;31.0000
P68=-97.5000 ;31.0820
P69=-97.3833 ;31.2213
P70=-97.2667 ;31.3607
P71=-97.1500 ;31.5000
P72=-97.0000 ;31.6450
P73=-96.8413 ;31.7633
P74=-96.6827 ;31.8817
P75=-96.5240 ;32.0000
P76=-96.5000 ;32.0150
P77=-96.3333 ;32.0830
P78=-96.1667 ;32.1510
P79=-96.0000 ;32.2190
P80=-95.7500 ;32.2725
P81=-95.5000 ;32.3260
P82=-95.2500 ;32.3155
P83=-95.0000 ;32.3050
P84=-94.7500 ;32.2355
P85=-94.5000 ;32.1660
P86=-94.3540 ;32.0830
P87=-94.2080 ;32.0000
P88=-94.0000 ;31.8500
P89=-93.8365 ;31.6750
P90=-93.6730 ;31.5000
P91=-93.5865 ;31.3675
P92=-93.5000 ;31.2350
[C14]
gain=-2.00
n_point=84
P1=-94.0000 ;30.5180
P2=-93.9920 ;30.5000
P3=-93.9652 ;30.3750
P4=-93.9385 ;30.2500
P5=-93.9118 ;30.1250
P6=-93.8850 ;30.0000
P7=-93.8847 ;29.8333
P8=-93.8843 ;29.6667
P9=-93.8840 ;29.5000
P10=-93.9078 ;29.3750
P11=-93.9315 ;29.2500
P12=-93.9552 ;29.1250
P13=-93.9790 ;29.0000
P14=-94.0000 ;28.9470
P15=-94.0793 ;28.7980

P16=-94.1587 ;28.6490
P17=-94.2380 ;28.5000
P18=-94.3253 ;28.3773
P19=-94.4127 ;28.2547
P20=-94.5000 ;28.1320
P21=-94.5680 ;28.0660
P22=-94.6360 ;28.0000
P23=-94.7573 ;27.9150
P24=-94.8787 ;27.8300
P25=-95.0000 ;27.7450
P26=-95.1667 ;27.6767
P27=-95.3333 ;27.6083
P28=-95.5000 ;27.5400
P29=-95.6667 ;27.5313
P30=-95.8333 ;27.5227
P31=-96.0000 ;27.5140
P32=-96.1667 ;27.5670
P33=-96.3333 ;27.6200
P34=-96.5000 ;27.6730
P35=-96.6122 ;27.7548
P36=-96.7245 ;27.8365
P37=-96.8368 ;27.9182
P38=-96.9490 ;28.0000
P39=-97.0000 ;28.0590
P40=-97.0803 ;28.2060
P41=-97.1607 ;28.3530
P42=-97.2410 ;28.5000
P43=-97.2757 ;28.6250
P44=-97.3105 ;28.7500
P45=-97.3453 ;28.8750
P46=-97.3800 ;29.0000
P47=-97.3780 ;29.1667
P48=-97.3760 ;29.3333
P49=-97.3740 ;29.5000
P50=-97.3455 ;29.6250
P51=-97.3170 ;29.7500
P52=-97.2885 ;29.8750
P53=-97.2600 ;30.0000
P54=-97.2043 ;30.1250
P55=-97.1485 ;30.2500
P56=-97.0928 ;30.3750
P57=-97.0370 ;30.5000
P58=-97.0000 ;30.5580
P59=-96.9017 ;30.6685
P60=-96.8035 ;30.7790
P61=-96.7052 ;30.8895
P62=-96.6070 ;31.0000
P63=-96.5000 ;31.0960
P64=-96.3750 ;31.1682
P65=-96.2500 ;31.2405
P66=-96.1250 ;31.3127
P67=-96.0000 ;31.3850
P68=-95.8533 ;31.4233
P69=-95.7067 ;31.4617
P70=-95.5600 ;31.5000
P71=-95.5000 ;31.5120
P72=-95.3710 ;31.5000

P73=-95.1855 ;31.4755
P74=-95.0000 ;31.4510
P75=-94.8750 ;31.3848
P76=-94.7500 ;31.3185
P77=-94.6250 ;31.2522
P78=-94.5000 ;31.1860
P79=-94.4095 ;31.0930
P80=-94.3190 ;31.0000
P81=-94.2393 ;30.8795
P82=-94.1595 ;30.7590
P83=-94.0798 ;30.6385
P84=-94.0000 ;30.5180