

```
[FormatInfo]
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adm=USA
sat_name=Galaxy BSS-4
long_nom=-122.90
n_diag=1
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beam_id=STF
emi_rcp=E
polar_disc=C
reason=C
n_bore=1
n_cont=22
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gain=0.00
p=-69.1800;10.8670
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gain=-20.00
n_point=53
P1=-51.9070;-62.3790
P2=-51.8980;-62.3650
P3=-51.8900;-62.3530
P4=-51.8560;-62.3010
P5=-51.6300;-61.9500
P6=-51.4370;-61.6420
P7=-51.3620;-61.5210
P8=-51.2450;-61.3290
P9=-51.1010;-61.0900
P10=-50.9980;-60.9160
P11=-50.8460;-60.6540
P12=-50.6330;-60.2790
P13=-50.5880;-60.1990
P14=-50.5570;-60.1430
P15=-50.5100;-60.0570
P16=-50.3730;-59.8060
P17=-50.2910;-59.6540
P18=-50.2400;-59.5570
P19=-50.2010;-59.4830
P20=-50.1770;-59.4390
P21=-50.1570;-59.4000
P22=-50.1360;-59.3600
P23=-50.2880;-59.6470
P24=-50.3010;-59.6720
P25=-50.4630;-59.9710
P26=-50.5810;-60.1860
P27=-50.6760;-60.3560
P28=-50.8590;-60.6770
P29=-50.9900;-60.9010
P30=-51.1410;-61.1560
P31=-51.2690;-61.3690
P32=-51.4200;-61.6160
P33=-51.6080;-61.9150
P34=-51.7100;-62.0750
P35=-51.7790;-62.1830
P36=-51.9900;-62.5050
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P37=-51.9980;-62.5160
P38=-52.2810;-62.9350
P39=-52.2950;-62.9550
P40=-52.3250;-62.9990
P41=-52.5570;-63.3300
P42=-52.6430;-63.4500
P43=-52.6930;-63.5190
P44=-52.7640;-63.6170
P45=-52.7920;-63.6560
P46=-52.7830;-63.6440
P47=-52.7660;-63.6210
P48=-52.6650;-63.4810
P49=-52.5480;-63.3170
P50=-52.4060;-63.1150
P51=-52.2330;-62.8650
P52=-51.9370;-62.4230
P53=-51.9070;-62.3790
[C2]
gain=-20.00
n_point=55
P1=-46.0910;-48.5560
P2=-46.1490;-48.7740
P3=-46.1620;-48.8240
P4=-46.1440;-48.7560
P5=-46.0450;-48.3830
P6=-45.9910;-48.1780
P7=-45.9020;-47.8320
P8=-45.8920;-47.7900
P9=-45.8050;-47.4450
P10=-45.7390;-47.1790
P11=-45.6120;-46.6530
P12=-45.5880;-46.5520
P13=-45.5790;-46.5160
P14=-45.5490;-46.3910
P15=-45.4410;-45.9230
P16=-45.3500;-45.5230
P17=-45.2970;-45.2860
P18=-45.2470;-45.0620
P19=-45.1570;-44.6470
P20=-45.0510;-44.1420
P21=-45.0230;-44.0080
P22=-45.0020;-43.9080
P23=-44.9400;-43.6070
P24=-44.8940;-43.3760
P25=-44.8020;-42.9140
P26=-44.7700;-42.7490
P27=-44.7410;-42.5980
P28=-44.6470;-42.1080
P29=-44.5770;-41.7290
P30=-44.5450;-41.5550
P31=-44.5910;-41.8080
P32=-44.6560;-42.1510
P33=-44.7310;-42.5460
P34=-44.7730;-42.7660
P35=-44.8260;-43.0350
P36=-44.8990;-43.4010
P37=-44.9840;-43.8200

P38=-45.0260;-44.0230
P39=-45.0740;-44.2550
P40=-45.1580;-44.6500
P41=-45.2790;-45.2080
P42=-45.2940;-45.2740
P43=-45.3000;-45.3020
P44=-45.3130;-45.3570
P45=-45.4320;-45.8870
P46=-45.4670;-46.0380
P47=-45.5310;-46.3110
P48=-45.5740;-46.4930
P49=-45.6560;-46.8370
P50=-45.7190;-47.0960
P51=-45.8140;-47.4810
P52=-45.8700;-47.7050
P53=-45.9350;-47.9600
P54=-46.0270;-48.3160
P55=-46.0910;-48.5560
[C3]
gain=-20.00
n_point=67
P1=-86.1770;-11.6640
P2=-86.5440;-11.0760
P3=-86.6240;-10.8800
P4=-86.8030;-10.5550
P5=-86.9040;-10.3830
P6=-87.0970;-10.0040
P7=-87.1970;-9.6470
P8=-87.3940;-9.3720
P9=-87.4850;-9.1340
P10=-87.5210;-8.9500
P11=-87.7880;-8.7580
P12=-88.0440;-8.4280
P13=-88.1610;-8.2640
P14=-88.4700;-7.8380
P15=-88.4930;-7.8080
P16=-88.7970;-7.3990
P17=-88.9360;-7.2910
P18=-89.0820;-7.1940
P19=-89.5620;-6.8870
P20=-89.8600;-6.5330
P21=-90.1020;-6.4210
P22=-90.2750;-5.9840
P23=-90.4500;-5.8060
P24=-90.5180;-5.6780
P25=-90.5160;-5.5150
P26=-90.4740;-4.9300
P27=-90.4710;-4.8330
P28=-90.4380;-4.7730
P29=-90.3660;-4.7030
P30=-89.9520;-4.3380
P31=-89.6480;-4.2560
P32=-89.3240;-4.1240
P33=-89.2000;-4.0980
P34=-88.5220;-4.0070
P35=-88.3460;-3.9260
P36=-88.2400;-3.9020

P37=-88.1320;-3.9290
P38=-88.0190;-4.0110
P39=-87.3680;-4.2170
P40=-87.2110;-4.7570
P41=-87.1300;-4.8680
P42=-87.0980;-4.9010
P43=-87.0490;-5.6760
P44=-87.0290;-5.7190
P45=-87.0430;-5.7640
P46=-86.9590;-6.5370
P47=-86.9930;-6.5720
P48=-87.0040;-6.6500
P49=-86.8520;-7.0990
P50=-86.7770;-7.3990
P51=-86.7670;-7.4300
P52=-86.7510;-7.4740
P53=-86.5420;-8.1540
P54=-86.4880;-8.2930
P55=-86.3930;-8.5090
P56=-86.2340;-8.8610
P57=-86.0990;-9.1610
P58=-85.9260;-9.5810
P59=-85.9040;-9.6220
P60=-85.7170;-10.0330
P61=-85.6810;-10.3650
P62=-85.4410;-10.7070
P63=-85.4360;-10.9070
P64=-85.5260;-11.2390
P65=-85.3130;-11.5600
P66=-85.8810;-11.5310
P67=-86.1770;-11.6640
[C4]
gain=-15.00
n_point=57
P1=-48.4760;-55.7760
P2=-48.4720;-55.7670
P3=-48.4440;-55.6980
P4=-48.2230;-55.1460
P5=-48.1790;-55.0330
P6=-48.1510;-54.9620
P7=-47.9680;-54.4840
P8=-47.9130;-54.3370
P9=-47.8340;-54.1220
P10=-47.7370;-53.8570
P11=-47.6340;-53.5710
P12=-47.5230;-53.2570
P13=-47.3230;-52.6730
P14=-47.3220;-52.6690
P15=-47.3210;-52.6660
P16=-47.1420;-52.1260
P17=-47.0280;-51.7760
P18=-46.9660;-51.5790
P19=-46.8370;-51.1660
P20=-46.7960;-51.0310
P21=-46.7800;-50.9810
P22=-46.7540;-50.8930
P23=-46.6350;-50.4950

P24=-46.5800;-50.3100
P25=-46.5250;-50.1210
P26=-46.4790;-49.9640
P27=-46.4310;-49.7960
P28=-46.4130;-49.7320
P29=-46.4160;-49.7430
P30=-46.5010;-50.0380
P31=-46.5340;-50.1540
P32=-46.6210;-50.4500
P33=-46.6880;-50.6740
P34=-46.8420;-51.1820
P35=-46.8770;-51.2930
P36=-46.8930;-51.3470
P37=-46.9580;-51.5530
P38=-47.0720;-51.9100
P39=-47.2140;-52.3480
P40=-47.2720;-52.5210
P41=-47.3040;-52.6160
P42=-47.4620;-53.0820
P43=-47.4630;-53.0850
P44=-47.6300;-53.5590
P45=-47.6610;-53.6470
P46=-47.7260;-53.8270
P47=-47.8600;-54.1950
P48=-47.9340;-54.3920
P49=-48.0640;-54.7360
P50=-48.0990;-54.8260
P51=-48.2680;-55.2600
P52=-48.2760;-55.2790
P53=-48.4360;-55.6780
P54=-48.4760;-55.7750
P55=-48.5430;-55.9380
P56=-48.4820;-55.7900
P57=-48.4760;-55.7760

[C5]

gain=-20.00

n_point=59

P1=-46.3140;-49.3790
P2=-46.2380;-49.1030
P3=-46.1410;-48.7460
P4=-46.1060;-48.6140
P5=-46.0670;-48.4670
P6=-45.9800;-48.1330
P7=-45.9240;-47.9160
P8=-45.8560;-47.6500
P9=-45.7620;-47.2730
P10=-45.7350;-47.1610
P11=-45.7120;-47.0700
P12=-45.6240;-46.7060
P13=-45.6170;-46.6740
P14=-45.5020;-46.1870
P15=-45.5010;-46.1820
P16=-45.4990;-46.1770
P17=-45.3880;-45.6910
P18=-45.3130;-45.3600
P19=-45.2770;-45.1990
P20=-45.2110;-44.8970

P21=-45.1690;-44.7030
P22=-45.1540;-44.6320
P23=-45.1320;-44.5290
P24=-45.0630;-44.2030
P25=-45.0270;-44.0290
P26=-44.9830;-43.8160
P27=-44.9580;-43.6940
P28=-44.9140;-43.4790
P29=-44.8950;-43.3830
P30=-44.8940;-43.3790
P31=-44.9550;-43.6800
P32=-45.0030;-43.9140
P33=-45.0600;-44.1890
P34=-45.1190;-44.4660
P35=-45.1680;-44.6970
P36=-45.1890;-44.7940
P37=-45.2490;-45.0670
P38=-45.2780;-45.2030
P39=-45.3870;-45.6860
P40=-45.3920;-45.7080
P41=-45.3970;-45.7310
P42=-45.5070;-46.2080
P43=-45.5720;-46.4850
P44=-45.6250;-46.7080
P45=-45.6970;-47.0080
P46=-45.7460;-47.2060
P47=-45.7720;-47.3110
P48=-45.8350;-47.5650
P49=-45.8680;-47.6970
P50=-45.9680;-48.0870
P51=-45.9950;-48.1910
P52=-46.0260;-48.3110
P53=-46.1230;-48.6770
P54=-46.1700;-48.8530
P55=-46.2520;-49.1550
P56=-46.2530;-49.1560
P57=-46.3570;-49.5320
P58=-46.3520;-49.5150
P59=-46.3140;-49.3790
[C6]
gain=-20.00
n_point=54
P1=-49.9810;-59.0610
P2=-49.8080;-58.7200
P3=-49.6310;-58.3600
P4=-49.5590;-58.2130
P5=-49.5190;-58.1280
P6=-49.3310;-57.7310
P7=-49.2010;-57.4490
P8=-49.1130;-57.2570
P9=-48.9710;-56.9380
P10=-48.9020;-56.7810
P11=-48.8610;-56.6880
P12=-48.7020;-56.3170
P13=-48.6940;-56.2990
P14=-48.4910;-55.8120
P15=-48.4830;-55.7930

P16=-48.4710;-55.7630
P17=-48.2930;-55.3210
P18=-48.2240;-55.1470
P19=-48.2120;-55.1160
P20=-48.1510;-54.9620
P21=-48.1520;-54.9640
P22=-48.2890;-55.3120
P23=-48.3350;-55.4260
P24=-48.4200;-55.6380
P25=-48.5190;-55.8800
P26=-48.6020;-56.0800
P27=-48.6790;-56.2650
P28=-48.8450;-56.6510
P29=-48.8980;-56.7730
P30=-48.9460;-56.8820
P31=-49.0500;-57.1160
P32=-49.2000;-57.4480
P33=-49.2740;-57.6090
P34=-49.4460;-57.9760
P35=-49.5510;-58.1950
P36=-49.6780;-58.4560
P37=-49.8590;-58.8200
P38=-49.9010;-58.9040
P39=-49.9140;-58.9290
P40=-50.0630;-59.2190
P41=-50.1180;-59.3270
P42=-50.1200;-59.3300
P43=-50.1210;-59.3320
P44=-50.1280;-59.3450
P45=-50.1640;-59.4140
P46=-50.1810;-59.4460
P47=-50.1830;-59.4500
P48=-50.1810;-59.4460
P49=-50.1810;-59.4460
P50=-50.1850;-59.4530
P51=-50.1960;-59.4750
P52=-50.1230;-59.3360
P53=-50.0900;-59.2720
P54=-49.9810;-59.0610
[C7]
gain=-20.00
n_point=81
P1=-63.5670;-72.7950
P2=-63.5050;-72.7620
P3=-63.2230;-72.6120
P4=-62.5210;-72.2260
P5=-62.3070;-72.1040
P6=-61.9020;-71.8670
P7=-61.6200;-71.6980
P8=-61.1210;-71.3900
P9=-60.7840;-71.1760
P10=-60.0050;-70.6570
P11=-59.9940;-70.6490
P12=-59.9870;-70.6450
P13=-59.4090;-70.2370
P14=-58.8910;-69.8550
P15=-58.8250;-69.8050

P16=-58.7200;-69.7250
P17=-58.3260;-69.4180
P18=-58.0350;-69.1850
P19=-57.7930;-68.9860
P20=-57.4950;-68.7370
P21=-57.2340;-68.5110
P22=-56.9290;-68.2410
P23=-56.7370;-68.0680
P24=-56.3390;-67.6970
P25=-56.3040;-67.6650
P26=-56.2890;-67.6500
P27=-56.2820;-67.6430
P28=-56.2750;-67.6370
P29=-56.2490;-67.6120
P30=-56.2600;-67.6230
P31=-56.4560;-67.8080
P32=-56.6280;-67.9680
P33=-56.8910;-68.2070
P34=-57.1260;-68.4170
P35=-57.3290;-68.5940
P36=-57.5600;-68.7910
P37=-57.9320;-69.1010
P38=-58.2550;-69.3620
P39=-58.6240;-69.6510
P40=-59.0390;-69.9660
P41=-59.2640;-70.1320
P42=-59.4540;-70.2690
P43=-59.9870;-70.6450
P44=-60.2420;-70.8190
P45=-60.6610;-71.0960
P46=-60.8110;-71.1930
P47=-61.4080;-71.5690
P48=-61.7470;-71.7750
P49=-61.8810;-71.8550
P50=-62.1080;-71.9890
P51=-62.7720;-72.3660
P52=-63.1790;-72.5880
P53=-63.7470;-72.8880
P54=-63.9300;-72.9820
P55=-64.5540;-73.2940
P56=-65.1480;-73.5780
P57=-65.6840;-73.8240
P58=-66.1300;-74.0230
P59=-66.3150;-74.1030
P60=-66.4790;-74.1740
P61=-66.8150;-74.3170
P62=-67.0930;-74.4320
P63=-67.5390;-74.6130
P64=-67.7090;-74.6800
P65=-67.8020;-74.7170
P66=-67.9700;-74.7830
P67=-67.9200;-74.7630
P68=-67.9190;-74.7630
P69=-67.8850;-74.7500
P70=-67.7900;-74.7120
P71=-67.5970;-74.6360
P72=-67.3550;-74.5390

P73=-66.9680;-74.3810
P74=-66.5000;-74.1830
P75=-66.2790;-74.0880
P76=-65.9730;-73.9540
P77=-65.1590;-73.5830
P78=-64.8840;-73.4530
P79=-64.6540;-73.3430
P80=-63.6590;-72.8420
P81=-63.5670;-72.7950

[C8]

gain=-15.00

n_point=51

P1=-87.8160;14.7410
P2=-87.7810;14.7810
P3=-87.7610;14.8010
P4=-87.6780;14.8840
P5=-87.2480;15.3840
P6=-86.6670;15.7230
P7=-86.5890;15.8920
P8=-86.3210;16.0700
P9=-85.9100;16.4010
P10=-85.1450;16.5480
P11=-84.9640;16.6110
P12=-84.8830;16.6200
P13=-83.8150;16.6400
P14=-83.7090;16.6490
P15=-83.6160;16.6540
P16=-82.4290;16.7430
P17=-82.4020;16.7440
P18=-82.3780;16.7470
P19=-82.2730;16.7670
P20=-82.1710;16.8970
P21=-81.7320;17.3760
P22=-81.5020;17.7060
P23=-81.8510;17.8260
P24=-82.0150;17.9070
P25=-82.3350;17.8950
P26=-83.0050;17.8770
P27=-83.3260;17.8650
P28=-83.5750;17.7900
P29=-84.2320;17.6060
P30=-84.3890;17.3360
P31=-84.8220;17.0970
P32=-85.3220;17.0120
P33=-85.4930;17.0710
P34=-86.0600;17.0290
P35=-86.5110;16.9470
P36=-86.8000;16.9700
P37=-87.2800;16.9130
P38=-87.5540;16.7740
P39=-88.2350;16.5700
P40=-88.3950;16.4360
P41=-88.5780;16.3630
P42=-88.9570;15.8570
P43=-89.1530;15.6500
P44=-89.1770;15.3640
P45=-89.1740;14.9770

P46=-89.1860;14.7620
P47=-89.1250;14.6450
P48=-89.0180;14.4400
P49=-88.6920;14.5360
P50=-87.9340;14.7100
P51=-87.8160;14.7410
[C9]
gain=-20.00
n_point=51
P1=-79.2280;14.0370
P2=-79.7390;13.8490
P3=-80.0500;13.7190
P4=-80.7240;13.5460
P5=-81.1290;13.4710
P6=-81.7310;13.4250
P7=-82.0790;13.3730
P8=-82.3410;13.3580
P9=-83.1540;13.3050
P10=-83.3670;13.2930
P11=-83.5960;13.3100
P12=-84.4570;13.2350
P13=-84.6090;13.2580
P14=-84.8310;13.2760
P15=-85.6950;13.1870
P16=-85.8220;13.2090
P17=-86.1150;13.3140
P18=-86.5860;13.3530
P19=-86.8250;13.9300
P20=-86.8330;13.9410
P21=-86.8290;13.9470
P22=-86.3620;14.5940
P23=-86.1620;14.8460
P24=-85.7600;15.1540
P25=-85.3080;15.3530
P26=-84.8180;15.4340
P27=-84.4980;15.4660
P28=-84.0320;15.5340
P29=-83.6270;15.5250
P30=-83.1860;15.5380
P31=-82.7730;15.5260
P32=-82.2820;15.5160
P33=-81.9720;15.5290
P34=-81.4780;15.5150
P35=-80.8980;15.5130
P36=-80.7380;15.5140
P37=-80.1410;15.5120
P38=-79.6250;15.6390
P39=-79.1610;15.6720
P40=-78.6730;15.7560
P41=-78.2110;15.6930
P42=-77.7170;15.7260
P43=-77.3060;15.5580
P44=-77.1840;15.2700
P45=-77.2150;15.1300
P46=-77.3480;15.0380
P47=-77.5190;14.9520
P48=-78.2990;14.6090

P49=-78.9400;14.1710
P50=-79.0900;14.0870
P51=-79.2280;14.0370
[C10]
gain=-20.00
n_point=73
P1=-65.3780;34.0240
P2=-63.6520;34.5520
P3=-61.1650;35.1940
P4=-60.8240;35.3070
P5=-60.3450;35.4460
P6=-57.3450;36.1980
P7=-55.3460;36.5500
P8=-52.7660;36.9890
P9=-51.9840;37.1220
P10=-50.5560;37.3330
P11=-50.0240;37.5370
P12=-44.0950;38.9180
P13=-44.1060;38.9880
P14=-44.1090;39.0070
P15=-44.1170;39.0570
P16=-44.2160;39.6630
P17=-44.2720;39.9980
P18=-44.3330;40.3570
P19=-44.3370;40.3800
P20=-44.3980;40.7340
P21=-44.4510;41.0330
P22=-44.5350;41.4980
P23=-44.5690;41.6880
P24=-44.6030;41.8680
P25=-44.6890;42.3280
P26=-44.7400;42.5970
P27=-44.7830;42.8180
P28=-44.8110;42.9580
P29=-44.8510;43.1600
P30=-47.2010;42.9420
P31=-55.8030;41.7680
P32=-56.6740;41.6170
P33=-56.9960;41.5700
P34=-57.2000;41.5640
P35=-57.9160;41.5510
P36=-60.4590;41.4490
P37=-60.9240;41.4200
P38=-61.5190;41.4560
P39=-62.9210;41.4610
P40=-63.5940;41.6010
P41=-65.2480;41.4260
P42=-66.5960;41.0250
P43=-67.4910;40.8820
P44=-68.0260;40.6120
P45=-68.0670;40.5480
P46=-68.1210;40.5120
P47=-70.1810;39.4000
P48=-70.6100;39.0770
P49=-70.6560;38.8950
P50=-70.7480;38.5790
P51=-70.4520;38.2710

P52=-70.3560;37.8940
P53=-69.7810;37.8220
P54=-69.7130;37.7010
P55=-68.9910;37.4480
P56=-68.9220;37.4400
P57=-68.9430;37.3760
P58=-68.9130;36.8370
P59=-69.0600;36.6940
P60=-70.3140;35.7110
P61=-70.4760;35.5450
P62=-70.5910;35.4190
P63=-71.1350;34.7510
P64=-71.2460;34.4620
P65=-71.2940;34.3430
P66=-70.5640;34.0330
P67=-70.2200;33.7340
P68=-69.6220;33.7000
P69=-68.4480;33.4860
P70=-68.3900;33.4800
P71=-68.3050;33.4970
P72=-66.0800;33.8760
P73=-65.3780;34.0240
[C11]
gain=-20.00
n_point=58
P1=-99.7110;11.5550
P2=-99.4510;11.7280
P3=-99.2620;11.9480
P4=-99.0060;12.2450
P5=-98.8220;12.6420
P6=-98.7170;12.8150
P7=-98.6920;12.9000
P8=-98.5060;13.6740
P9=-98.5030;13.6820
P10=-98.5000;13.6880
P11=-98.4930;13.6950
P12=-98.1870;14.3670
P13=-98.0850;14.5590
P14=-97.7450;14.9280
P15=-97.2750;15.3040
P16=-97.1990;15.3980
P17=-97.1480;15.4520
P18=-97.0380;15.6190
P19=-96.7950;16.0220
P20=-96.5370;16.3470
P21=-96.5760;16.7480
P22=-96.5890;16.8610
P23=-96.6260;17.2330
P24=-96.7570;17.3730
P25=-96.8840;17.5630
P26=-97.2280;17.7730
P27=-97.6850;18.1010
P28=-97.7400;18.1390
P29=-97.7800;18.1610
P30=-97.8450;18.1550
P31=-98.6750;18.0770
P32=-98.7840;18.0650

P33=-98.7940;18.0640
P34=-99.3640;17.6150
P35=-99.9210;17.1920
P36=-99.9380;17.1710
P37=-99.9500;17.1580
P38=-99.9680;17.1250
P39=-100.2780;16.4950
P40=-100.4090;16.2660
P41=-100.4510;15.9530
P42=-100.4810;15.6910
P43=-100.5200;15.3870
P44=-100.5470;15.0970
P45=-100.5660;14.7810
P46=-100.5890;14.5140
P47=-100.6570;14.2290
P48=-100.7080;13.9430
P49=-100.7820;13.6450
P50=-100.7810;13.3480
P51=-100.7770;13.0440
P52=-100.7740;12.7840
P53=-100.6910;12.6450
P54=-100.5720;12.3330
P55=-100.3030;12.1920
P56=-100.0220;11.9380
P57=-99.8480;11.7930
P58=-99.7110;11.5550
[C12]
gain=-15.00
n_point=127
P1=-41.9945;17.1084
P2=-42.2255;18.1810
P3=-43.3827;18.3856
P4=-44.8984;18.1835
P5=-46.3518;18.0694
P6=-47.7549;18.0264
P7=-49.1715;17.9658
P8=-50.6108;17.8749
P9=-52.0561;17.7874
P10=-53.4859;17.7460
P11=-54.9054;17.7512
P12=-56.3407;17.8036
P13=-57.7841;17.9263
P14=-59.1329;18.3286
P15=-60.3608;19.0297
P16=-61.4592;19.8612
P17=-62.4543;20.7704
P18=-63.6029;21.5026
P19=-64.9352;21.9742
P20=-66.3270;22.1073
P21=-67.7526;21.9894
P22=-69.1928;21.6776
P23=-70.5133;21.1612
P24=-71.6916;20.4511
P25=-72.9667;19.7382
P26=-74.3622;19.0635
P27=-75.4059;18.2568
P28=-75.9984;17.2735

P29=-76.2413;16.0919
P30=-76.6111;14.9393
P31=-77.7541;14.1428
P32=-79.2920;13.6336
P33=-80.6767;13.3101
P34=-82.0066;13.0894
P35=-83.4126;12.8679
P36=-84.8921;12.6730
P37=-86.3537;12.4112
P38=-87.3758;11.5945
P39=-87.8377;10.3527
P40=-87.6618;8.9461
P41=-86.9400;7.6923
P42=-85.8248;6.6624
P43=-85.6985;5.4418
P44=-86.2899;4.0729
P45=-86.3391;2.8551
P46=-86.2247;1.5990
P47=-86.1846;0.2309
P48=-86.4335;-1.1683
P49=-86.7467;-2.5854
P50=-86.7181;-4.0153
P51=-86.4948;-5.4415
P52=-86.2246;-6.8479
P53=-85.7751;-8.1922
P54=-85.0818;-9.4538
P55=-84.3589;-10.7009
P56=-83.7183;-11.9749
P57=-83.3424;-13.3515
P58=-83.1717;-14.7780
P59=-83.2423;-16.1979
P60=-83.7045;-17.5545
P61=-83.7450;-18.9329
P62=-82.9619;-20.2289
P63=-81.7617;-20.5971
P64=-80.3190;-20.2220
P65=-78.9576;-19.9951
P66=-78.0409;-20.3795
P67=-78.0813;-21.9340
P68=-78.3020;-23.3798
P69=-78.7001;-24.4556
P70=-79.7499;-25.1413
P71=-80.7857;-25.8567
P72=-80.7253;-27.2540
P73=-80.7209;-28.7477
P74=-81.4517;-29.9500
P75=-82.4316;-30.9170
P76=-83.6147;-31.6539
P77=-85.0691;-32.1518
P78=-86.4678;-32.6060
P79=-86.9458;-33.5214
P80=-86.7363;-34.8724
P81=-86.3700;-36.5106
P82=-85.8300;-37.5639
P83=-85.1181;-37.7363
P84=-84.3849;-37.2448
P85=-83.6247;-36.4117

P86=-82.5859;-36.5919
P87=-81.3321;-37.8857
P88=-81.0863;-39.1378
P89=-82.0351;-39.8868
P90=-83.3505;-39.5779
P91=-84.4970;-38.9967
P92=-84.8076;-39.4704
P93=-84.6102;-40.7361
P94=-84.7624;-42.0836
P95=-85.1469;-43.4596
P96=-85.4522;-44.8302
P97=-85.6113;-46.2048
P98=-85.5198;-47.6021
P99=-85.2822;-49.0103
P100=-84.9449;-50.4155
P101=-84.4454;-51.7459
P102=-83.7692;-52.9823
P103=-82.9215;-54.1125
P104=-81.9116;-55.1383
P105=-80.8576;-56.1244
P106=-79.7979;-57.0917
P107=-78.6895;-57.9894
P108=-77.5049;-58.7851
P109=-76.2452;-59.4794
P110=-74.9510;-60.1012
P111=-73.6438;-60.6657
P112=-72.3167;-61.1942
P113=-70.9650;-61.7014
P114=-69.5917;-62.1827
P115=-68.2155;-62.6119
P116=-66.8395;-62.9848
P117=-65.4635;-63.3014
P118=-64.0875;-63.5623
P119=-62.6978;-63.8203
P120=-61.2857;-64.1090
P121=-59.8511;-64.4286
P122=-58.3942;-64.7789
P123=-56.9149;-65.1601
P124=-55.4956;-65.3683
P125=-54.2714;-65.0695
P126=-53.2751;-64.2845
P127=-41.9945;17.1084
[C13]
gain=-20.00
n_point=47
P1=-41.5343;0.0000
P2=-41.6392;6.1740
P3=-41.6415;6.3071
P4=-41.6438;6.4377
P5=-41.6459;6.5583
P6=-41.6442;6.4433
P7=-41.6418;6.3164
P8=-41.6398;6.1889
P9=-41.6378;6.0616
P10=-41.6357;5.9344
P11=-41.6338;5.8071
P12=-41.6317;5.6799

P13=-41.6296;5.5526
P14=-41.6275;5.4254
P15=-41.6259;5.2981
P16=-41.6245;5.1709
P17=-41.6229;5.0436
P18=-41.6209;4.9163
P19=-41.6193;4.7891
P20=-41.6177;4.6618
P21=-41.6158;4.5346
P22=-41.6143;4.4073
P23=-41.6131;4.2801
P24=-41.6116;4.1528
P25=-41.6101;4.0255
P26=-41.6089;3.8983
P27=-41.6076;3.7710
P28=-41.6061;3.6438
P29=-41.6047;3.5165
P30=-41.6036;3.3892
P31=-41.6028;3.2620
P32=-41.6020;3.1347
P33=-41.6009;3.0074
P34=-41.5999;2.8802
P35=-41.5989;2.7529
P36=-41.5979;2.6257
P37=-41.5970;2.4984
P38=-41.5961;2.3712
P39=-41.5953;2.2441
P40=-41.5945;2.1164
P41=-41.5937;1.9892
P42=-41.5928;1.8623
P43=-41.5922;1.7343
P44=-41.5920;1.6083
P45=-41.5912;1.4793
P46=-41.5910;1.4690
P47=-41.5919;1.4919
[C14]
gain=-8.00
n_point=106
P1=-41.8207;13.0377
P2=-41.9250;13.5657
P3=-43.0302;14.0020
P4=-44.5127;13.9648
P5=-46.0193;13.9342
P6=-47.4404;14.0610
P7=-48.9061;14.1362
P8=-50.3745;14.1461
P9=-51.8294;14.1082
P10=-53.2901;14.0831
P11=-54.7530;14.0385
P12=-56.2136;13.9538
P13=-57.6693;13.9109
P14=-59.1192;13.9985
P15=-60.5573;14.2741
P16=-61.9535;14.6821
P17=-63.3281;15.1632
P18=-64.7215;15.6251
P19=-66.1050;16.0723

P20=-67.4726;16.5369
P21=-68.8278;17.0684
P22=-70.2271;17.1781
P23=-71.6451;16.7254
P24=-72.9255;16.0507
P25=-74.1725;15.3070
P26=-75.4421;14.5701
P27=-76.7240;13.8774
P28=-78.0319;13.2342
P29=-79.3768;12.6573
P30=-80.7538;12.2143
P31=-82.1953;11.9445
P32=-83.6739;11.7685
P33=-84.9136;11.0774
P34=-85.7042;9.8669
P35=-85.5148;8.4887
P36=-84.6734;7.2734
P37=-83.5885;6.3040
P38=-82.8767;5.0301
P39=-82.8946;3.6709
P40=-83.6663;2.3818
P41=-84.4152;1.1087
P42=-84.9609;-0.2093
P43=-85.2372;-1.6508
P44=-85.5607;-3.0862
P45=-85.6920;-4.5238
P46=-85.4272;-5.9646
P47=-84.8578;-7.3008
P48=-84.0822;-8.5434
P49=-83.2594;-9.7477
P50=-82.4441;-10.9613
P51=-81.7101;-12.2229
P52=-81.1134;-13.5538
P53=-80.6832;-14.9589
P54=-80.0988;-16.2859
P55=-79.1709;-17.4058
P56=-77.9738;-18.2062
P57=-76.8577;-19.1908
P58=-76.3501;-20.4976
P59=-76.7401;-21.9050
P60=-76.8317;-23.3742
P61=-77.1745;-24.6940
P62=-77.9957;-25.8280
P63=-78.8804;-26.9488
P64=-79.0257;-28.3240
P65=-78.8128;-29.8417
P66=-79.2267;-31.1862
P67=-80.2197;-32.2645
P68=-81.2759;-33.2721
P69=-81.3321;-34.6557
P70=-80.8952;-36.0634
P71=-80.2762;-37.3670
P72=-79.8174;-38.7360
P73=-79.6161;-40.1593
P74=-79.8049;-41.5202
P75=-80.8879;-42.2352
P76=-82.2707;-42.7002

P77=-82.4060;-44.0572
P78=-82.1359;-45.5055
P79=-81.9109;-46.8748
P80=-82.0182;-48.3250
P81=-81.8417;-49.7381
P82=-81.1992;-51.0572
P83=-80.3819;-52.2605
P84=-79.4197;-53.3417
P85=-78.3219;-54.2831
P86=-77.0914;-55.0841
P87=-75.8043;-55.7965
P88=-74.5011;-56.4482
P89=-73.1763;-57.0525
P90=-71.8267;-57.6167
P91=-70.4577;-58.1361
P92=-69.0752;-58.6047
P93=-67.6799;-59.0304
P94=-66.2736;-59.4318
P95=-64.8562;-59.8099
P96=-63.4345;-60.1566
P97=-62.0120;-60.4675
P98=-60.5884;-60.7444
P99=-59.1552;-61.0199
P100=-57.7092;-61.3060
P101=-56.2518;-61.5992
P102=-54.8080;-61.8232
P103=-53.3880;-61.9478
P104=-51.9961;-61.9646
P105=-51.2548;-61.3317
P106=-41.8207;13.0377
[C15]
gain=-2.00
n_point=125
P1=-41.5903;1.0175
P2=-42.2220;1.5908
P3=-43.5274;1.7032
P4=-44.9705;1.6366
P5=-46.4010;1.5914
P6=-47.7869;1.5926
P7=-49.1856;1.4767
P8=-50.5844;1.2492
P9=-51.9490;0.9423
P10=-53.2193;0.3196
P11=-54.0145;-0.7020
P12=-53.4906;-1.9939
P13=-52.3582;-2.8260
P14=-51.0974;-3.4400
P15=-49.8786;-4.0626
P16=-48.5414;-4.6289
P17=-47.2334;-5.2490
P18=-46.5374;-6.3072
P19=-46.6463;-7.5559
P20=-47.5654;-8.7578
P21=-48.6614;-9.6098
P22=-49.8445;-10.1582
P23=-51.1776;-10.7004
P24=-52.6327;-11.2678

P25=-53.2788;-12.1936
P26=-52.8443;-13.5670
P27=-52.4539;-14.9282
P28=-52.7134;-16.0439
P29=-54.0405;-16.7186
P30=-55.4617;-17.0215
P31=-56.8151;-17.0345
P32=-58.2114;-16.9730
P33=-59.6346;-16.8352
P34=-61.0111;-16.5680
P35=-62.3701;-16.2198
P36=-63.7236;-15.8118
P37=-65.0235;-15.2904
P38=-66.2872;-14.6822
P39=-67.5570;-14.0464
P40=-68.7513;-13.3042
P41=-69.8002;-12.3878
P42=-70.7405;-11.3450
P43=-71.6249;-10.2496
P44=-72.3652;-9.0511
P45=-73.0076;-7.7896
P46=-73.8084;-6.6612
P47=-74.6662;-5.5532
P48=-75.4563;-4.3718
P49=-75.7450;-3.0353
P50=-75.4536;-1.6693
P51=-74.6496;-0.5072
P52=-74.0138;0.7178
P53=-73.8039;2.1121
P54=-73.5083;3.4888
P55=-73.0544;4.8171
P56=-72.3967;6.0612
P57=-71.3541;6.9805
P58=-70.0926;7.6245
P59=-68.8025;8.1006
P60=-67.4829;8.5414
P61=-66.1324;9.1106
P62=-64.9561;9.8990
P63=-64.3789;11.0941
P64=-64.6286;12.2915
P65=-65.8625;13.0678
P66=-67.2160;13.6479
P67=-68.4831;14.0828
P68=-69.8552;14.3111
P69=-71.2907;14.2941
P70=-72.6337;13.9581
P71=-73.9096;13.3882
P72=-75.1703;12.7264
P73=-76.3462;11.9685
P74=-77.3901;11.1164
P75=-78.5912;10.2551
P76=-79.6418;9.3000
P77=-80.1717;8.1484
P78=-80.1182;6.8661
P79=-79.6097;5.5171
P80=-79.9117;4.1495
P81=-80.6934;2.9453

P82=-81.6218;1.9285
P83=-82.4214;0.7911
P84=-82.8543;-0.5024
P85=-82.8662;-1.9167
P86=-83.2964;-3.2652
P87=-83.7477;-4.5647
P88=-83.3699;-5.8897
P89=-82.6163;-7.0941
P90=-81.7416;-8.1690
P91=-80.9343;-9.3143
P92=-80.1756;-10.5053
P93=-79.3957;-11.6565
P94=-78.7826;-12.9198
P95=-78.3495;-14.3102
P96=-77.5974;-15.4472
P97=-76.4944;-16.3044
P98=-75.3420;-17.1004
P99=-74.2091;-17.8928
P100=-73.3469;-18.9802
P101=-72.9102;-20.3732
P102=-73.1910;-21.6869
P103=-73.5460;-23.0011
P104=-73.6158;-24.3784
P105=-73.9911;-25.6784
P106=-74.6518;-26.8894
P107=-75.1402;-28.0749
P108=-75.1729;-29.3286
P109=-74.7342;-30.7202
P110=-74.6990;-32.1238
P111=-75.1899;-33.3948
P112=-76.2153;-34.4574
P113=-76.9219;-35.5875
P114=-76.9550;-36.9003
P115=-76.8272;-38.2798
P116=-76.8006;-39.6495
P117=-76.4190;-40.9361
P118=-75.6187;-42.0932
P119=-74.6075;-43.0218
P120=-73.4130;-43.7258
P121=-72.1189;-44.3374
P122=-70.7525;-44.8772
P123=-69.3880;-45.1326
P124=-68.0505;-45.0319
P125=-41.5903;1.0175
[C16]
gain=-4.00
n_point=124
P1=-41.5943;2.0130
P2=-41.8117;2.6333
P3=-42.7165;3.1450
P4=-44.1159;3.1568
P5=-45.6867;2.9886
P6=-47.0993;2.9661
P7=-48.4438;2.9888
P8=-49.8609;2.8993
P9=-51.3006;2.7635
P10=-52.7093;2.6518

P11=-54.0979;2.4776
P12=-55.4793;2.1404
P13=-56.7217;1.4973
P14=-57.6677;0.4313
P15=-57.9288;-0.9031
P16=-57.6083;-2.2902
P17=-57.0197;-3.5577
P18=-56.3800;-4.8628
P19=-56.2967;-6.2258
P20=-56.8983;-7.4692
P21=-57.9800;-8.2841
P22=-59.2674;-9.0071
P23=-60.3869;-9.9057
P24=-60.3216;-11.2867
P25=-60.1769;-12.6771
P26=-60.9105;-13.6560
P27=-62.1370;-14.0346
P28=-63.6466;-13.8412
P29=-65.0291;-13.5158
P30=-66.2940;-13.0448
P31=-67.5675;-12.2837
P32=-68.5143;-11.2489
P33=-68.8753;-9.9555
P34=-68.9717;-8.5236
P35=-69.2326;-7.1245
P36=-69.9958;-6.0424
P37=-71.2439;-5.3033
P38=-72.5765;-4.6935
P39=-73.5610;-3.7961
P40=-73.8933;-2.4278
P41=-73.2785;-1.2427
P42=-72.2164;-0.2074
P43=-71.5545;0.9538
P44=-71.3237;2.3167
P45=-71.2506;3.7758
P46=-70.7017;5.0655
P47=-69.7360;6.0686
P48=-68.4885;6.7223
P49=-67.1515;7.2333
P50=-65.8110;7.7077
P51=-64.6005;8.3229
P52=-63.3834;9.0983
P53=-62.2096;10.0511
P54=-61.8263;11.2480
P55=-62.2762;12.4834
P56=-63.3858;13.3265
P57=-64.7416;13.9435
P58=-66.0049;14.4829
P59=-67.3399;14.8811
P60=-68.7573;15.1227
P61=-70.1673;15.2133
P62=-71.5604;15.0863
P63=-72.9281;14.6966
P64=-74.2366;14.1647
P65=-75.4820;13.5209
P66=-76.7250;12.8430
P67=-77.9871;12.1591

P68=-79.1936;11.4426
P69=-80.3056;10.6721
P70=-81.5103;9.7778
P71=-82.3141;8.7109
P72=-81.9387;7.4554
P73=-81.3186;6.1770
P74=-80.9357;4.8911
P75=-81.4636;3.5565
P76=-82.3002;2.3751
P77=-83.1764;1.2987
P78=-83.7381;0.0171
P79=-84.0844;-1.3534
P80=-84.3489;-2.7309
P81=-84.7168;-4.1123
P82=-84.6098;-5.4760
P83=-83.9634;-6.7658
P84=-83.1754;-7.9281
P85=-82.3555;-9.0717
P86=-81.5481;-10.2368
P87=-80.7791;-11.4236
P88=-80.1082;-12.6624
P89=-79.6274;-14.0035
P90=-79.0454;-15.2858
P91=-78.1809;-16.3977
P92=-77.1053;-17.3007
P93=-75.9840;-18.1573
P94=-75.0986;-19.2818
P95=-74.6772;-20.5943
P96=-75.0423;-21.9454
P97=-75.2287;-23.3435
P98=-75.3870;-24.6984
P99=-76.0493;-25.9086
P100=-76.7245;-27.0934
P101=-77.1377;-28.3258
P102=-76.8961;-29.7208
P103=-76.7416;-31.1358
P104=-77.2447;-32.4386
P105=-78.3369;-33.3919
P106=-79.0762;-34.4744
P107=-79.1285;-35.8378
P108=-78.8380;-37.1866
P109=-78.3824;-38.5317
P110=-78.1129;-39.9103
P111=-77.7213;-41.2318
P112=-76.9927;-42.4240
P113=-76.0386;-43.4606
P114=-74.9158;-44.3318
P115=-73.7017;-45.0266
P116=-72.4222;-45.6035
P117=-71.1104;-46.1450
P118=-69.7667;-46.6516
P119=-68.4117;-47.0865
P120=-67.0653;-47.4147
P121=-65.7141;-47.6308
P122=-64.2924;-47.7084
P123=-62.7911;-47.6436
P124=-41.5943;2.0130

[C17]

gain=-6.00

n_point=104

P1=-41.6433;6.3698

P2=-42.1151;7.1766

P3=-43.3532;7.4901

P4=-44.9495;7.4062

P5=-46.3683;7.5763

P6=-47.7929;7.8459

P7=-49.2772;8.1434

P8=-50.5197;8.6510

P9=-52.1475;8.9469

P10=-53.4381;9.4110

P11=-53.5090;10.5356

P12=-52.9228;11.7567

P13=-53.6131;12.3216

P14=-55.3838;12.3527

P15=-56.8263;12.3824

P16=-58.1947;12.5430

P17=-59.6252;12.8953

P18=-60.9983;13.3879

P19=-62.3339;13.9506

P20=-63.6942;14.5020

P21=-65.0757;15.0048

P22=-66.4752;15.4228

P23=-67.9018;15.7655

P24=-69.3514;15.9677

P25=-70.8135;15.9329

P26=-72.2371;15.6252

P27=-73.5877;15.0572

P28=-74.8991;14.3942

P29=-76.1962;13.7229

P30=-77.4939;13.0677

P31=-78.8155;12.4021

P32=-80.1624;11.8015

P33=-81.5352;11.4797

P34=-83.0230;11.1154

P35=-84.2734;10.4262

P36=-84.5867;9.1256

P37=-84.0569;7.7709

P38=-82.9258;6.8170

P39=-82.0271;5.6172

P40=-81.9435;4.2676

P41=-82.6252;2.9294

P42=-83.5162;1.7694

P43=-84.1781;0.4810

P44=-84.6119;-0.9282

P45=-84.9613;-2.3418

P46=-85.2094;-3.8003

P47=-85.1579;-5.2481

P48=-84.7048;-6.6413

P49=-83.9684;-7.9039

P50=-83.1038;-9.0881

P51=-82.2656;-10.2872

P52=-81.4946;-11.5378

P53=-80.8320;-12.8425

P54=-80.2821;-14.1920

P55=-79.6948;-15.5600
P56=-78.8839;-16.7491
P57=-77.7635;-17.6702
P58=-76.5625;-18.6260
P59=-75.8456;-19.8116
P60=-75.7897;-21.2415
P61=-76.0711;-22.6738
P62=-76.3516;-24.0937
P63=-76.6971;-25.4352
P64=-77.7069;-26.5281
P65=-78.2456;-27.7712
P66=-78.0405;-29.2761
P67=-77.9934;-30.7512
P68=-78.5910;-31.9779
P69=-79.6848;-33.0167
P70=-80.5121;-34.1440
P71=-80.2632;-35.5398
P72=-79.7763;-36.9612
P73=-79.3212;-38.3516
P74=-79.0970;-39.6918
P75=-78.6969;-41.1620
P76=-78.2848;-42.6421
P77=-79.2624;-43.3503
P78=-80.3975;-43.9807
P79=-80.5620;-45.1255
P80=-80.0233;-46.4772
P81=-79.6459;-47.8891
P82=-79.9553;-49.2716
P83=-79.7079;-50.6354
P84=-78.8872;-51.8931
P85=-77.8907;-52.9345
P86=-76.7618;-53.8460
P87=-75.5281;-54.6570
P88=-74.2430;-55.3638
P89=-72.9153;-55.9735
P90=-71.5535;-56.5075
P91=-70.1644;-56.9813
P92=-68.7712;-57.4492
P93=-67.3757;-57.9131
P94=-65.9670;-58.3045
P95=-64.5409;-58.6030
P96=-63.0997;-58.8712
P97=-61.6437;-59.1250
P98=-60.1805;-59.3609
P99=-58.7354;-59.5659
P100=-57.3106;-59.7390
P101=-55.8805;-59.9055
P102=-54.3961;-60.1136
P103=-52.8562;-60.3645
P104=-41.6433;6.3698
[C18]
gain=-10.00
n_point=110
P1=-41.8691;14.3035
P2=-42.5734;15.0547
P3=-43.8840;15.2298
P4=-45.4891;15.0939

P5=-46.9255;15.1102
P6=-48.3149;15.1526
P7=-49.7783;15.0978
P8=-51.2387;15.0556
P9=-52.6715;15.0541
P10=-54.1121;14.9873
P11=-55.5625;14.8596
P12=-56.9990;14.7881
P13=-58.4317;14.8060
P14=-59.8919;14.9609
P15=-61.2822;15.2734
P16=-62.6074;15.7177
P17=-64.1082;16.1596
P18=-65.1614;16.9184
P19=-65.2351;18.2581
P20=-66.0148;19.1971
P21=-67.4062;19.4472
P22=-68.7988;19.0547
P23=-70.1727;18.5579
P24=-71.5055;18.0475
P25=-72.7236;17.2734
P26=-73.8059;16.3180
P27=-74.8625;15.3467
P28=-76.0821;14.5719
P29=-77.3507;13.8841
P30=-78.6540;13.2757
P31=-80.0173;12.7842
P32=-81.4216;12.4814
P33=-82.8554;12.3415
P34=-84.2945;12.0790
P35=-85.5324;11.3989
P36=-86.3856;10.2377
P37=-86.3366;8.8453
P38=-85.6715;7.5839
P39=-84.7028;6.5271
P40=-83.9455;5.2621
P41=-83.7836;3.8907
P42=-84.1684;2.5306
P43=-84.8485;1.2417
P44=-85.2908;-0.1221
P45=-85.6310;-1.5238
P46=-85.9428;-2.9349
P47=-86.0625;-4.3695
P48=-85.8767;-5.7971
P49=-85.3751;-7.1459
P50=-84.6507;-8.4002
P51=-83.8778;-9.6185
P52=-83.0854;-10.8273
P53=-82.3419;-12.0659
P54=-81.7278;-13.3717
P55=-81.3057;-14.7563
P56=-80.9760;-16.1658
P57=-80.5374;-17.4608
P58=-79.4671;-18.2110
P59=-78.0724;-18.7323
P60=-77.1600;-19.8251
P61=-76.9478;-21.1850

P62=-77.3573;-22.5581
P63=-77.3924;-24.0210
P64=-77.9998;-25.1991
P65=-79.1680;-26.1269
P66=-79.6172;-27.3720
P67=-79.5685;-28.8577
P68=-79.6735;-30.3027
P69=-80.5192;-31.3861
P70=-81.6107;-32.3742
P71=-82.3158;-33.6012
P72=-82.0921;-34.9204
P73=-81.2839;-36.2094
P74=-80.7482;-37.4402
P75=-80.2378;-38.8610
P76=-80.1440;-40.2247
P77=-81.1304;-41.0480
P78=-82.4002;-41.6513
P79=-83.4089;-42.3731
P80=-83.4645;-43.7436
P81=-83.3035;-45.2524
P82=-83.3592;-46.6135
P83=-83.3655;-48.0430
P84=-83.0984;-49.4460
P85=-82.5708;-50.7861
P86=-81.8800;-52.0460
P87=-81.0207;-53.1999
P88=-79.9770;-54.1882
P89=-78.8075;-55.0461
P90=-77.5910;-55.8235
P91=-76.3319;-56.5279
P92=-75.0446;-57.1846
P93=-73.7306;-57.7960
P94=-72.3989;-58.3622
P95=-71.0551;-58.8834
P96=-69.6992;-59.3597
P97=-68.3288;-59.8056
P98=-66.9422;-60.2322
P99=-65.5394;-60.6394
P100=-64.1296;-61.0174
P101=-62.7278;-61.3502
P102=-61.3343;-61.6376
P103=-59.9479;-61.8821
P104=-58.5378;-62.1471
P105=-57.0913;-62.4590
P106=-55.6084;-62.8179
P107=-54.1127;-63.1721
P108=-52.8343;-63.0197
P109=-51.8314;-62.2339
P110=-41.8691;14.3035
[C19]
gain=-20.00
n_point=45
P1=-41.8554;-13.9695
P2=-41.8533;-13.9161
P3=-41.8510;-13.8594
P4=-41.8490;-13.8073
P5=-41.8471;-13.7596

P6=-41.8454;-13.7163
P7=-41.8439;-13.6775
P8=-41.8425;-13.6426
P9=-41.8411;-13.6073
P10=-41.8397;-13.5706
P11=-41.8383;-13.5325
P12=-41.8368;-13.4931
P13=-41.8352;-13.4524
P14=-41.8337;-13.4106
P15=-41.8321;-13.3687
P16=-41.8305;-13.3266
P17=-41.8290;-13.2842
P18=-41.8275;-13.2418
P19=-41.8259;-13.1994
P20=-41.8244;-13.1584
P21=-41.8230;-13.1189
P22=-41.8217;-13.0808
P23=-41.8204;-13.0442
P24=-41.8191;-13.0090
P25=-41.8179;-12.9745
P26=-41.8166;-12.9371
P27=-41.8152;-12.8964
P28=-41.8136;-12.8524
P29=-41.8119;-12.8052
P30=-41.8100;-12.7548
P31=-41.8081;-12.7010
P32=-41.8062;-12.6506
P33=-41.8052;-12.6216
P34=-41.8061;-12.6413
P35=-41.8075;-12.6779
P36=-41.8089;-12.7159
P37=-41.8104;-12.7549
P38=-41.8118;-12.7950
P39=-41.8132;-12.8362
P40=-41.8146;-12.8785
P41=-41.8160;-12.9212
P42=-41.8174;-12.9633
P43=-41.8188;-13.0048
P44=-41.8202;-13.0458
P45=-32.9000;-180.0000

[C20]

gain=-20.00
n_point=10
P1=-42.4846;-24.8649
P2=-42.4946;-25.0001
P3=-42.4887;-24.9210
P4=-42.4830;-24.8504
P5=-42.4770;-24.7745
P6=-42.4711;-24.6985
P7=-42.4656;-24.6282
P8=-42.4596;-24.5517
P9=-42.4533;-24.4705
P10=-40.7671;0.0000

[C21]

gain=-20.00
n_point=196
P1=-42.4350;24.2192

P2=-42.8312;24.9860
P3=-43.7268;25.4760
P4=-45.1126;25.4171
P5=-46.6936;25.1163
P6=-48.0333;25.0283
P7=-49.2562;25.0274
P8=-50.6064;24.8676
P9=-52.0897;24.5430
P10=-53.7061;24.0536
P11=-54.8240;23.4839
P12=-54.8106;22.9188
P13=-53.6659;22.3581
P14=-52.1738;21.7829
P15=-51.3912;21.1676
P16=-51.3238;20.5121
P17=-51.8379;19.9185
P18=-52.7837;19.5017
P19=-54.1608;19.2618
P20=-55.8576;19.2062
P21=-57.3617;19.3689
P22=-58.6096;19.7542
P23=-59.6255;20.3528
P24=-60.6315;21.0798
P25=-61.6816;21.9143
P26=-62.7913;22.7547
P27=-64.0119;23.2665
P28=-65.3474;23.4235
P29=-66.7822;23.2575
P30=-68.1946;23.0150
P31=-69.5587;22.7484
P32=-70.8704;22.3872
P33=-72.1253;21.8598
P34=-73.3274;21.1748
P35=-74.5532;20.4903
P36=-75.8309;19.8652
P37=-77.1561;19.3223
P38=-78.4681;19.1623
P39=-79.7480;19.4793
P40=-81.0117;20.1531
P41=-82.3353;20.5994
P42=-83.7271;20.7400
P43=-85.0239;20.5066
P44=-86.1206;19.8553
P45=-87.0573;18.8574
P46=-88.0275;17.8558
P47=-89.0564;16.8956
P48=-90.0774;15.9515
P49=-90.6195;14.8464
P50=-90.5910;13.5457
P51=-90.0990;12.1098
P52=-89.5798;10.7840
P53=-89.0799;9.5945
P54=-88.3879;8.5159
P55=-87.2703;7.5202
P56=-86.3114;6.5113
P57=-86.3853;5.3458
P58=-87.2797;4.2356

P59=-88.0580;4.0859
P60=-88.6147;4.9988
P61=-89.0714;5.8461
P62=-89.5664;5.3419
P63=-90.1577;3.8729
P64=-91.1108;3.2197
P65=-92.4518;3.5831
P66=-93.8309;3.9421
P67=-95.0526;3.7266
P68=-96.1369;2.9738
P69=-97.3534;2.1927
P70=-98.7664;1.5433
P71=-99.3404;0.9552
P72=-98.5017;0.3897
P73=-97.0379;0.0889
P74=-95.6210;0.2593
P75=-94.2546;0.6352
P76=-92.9447;0.7869
P77=-91.6774;0.7548
P78=-90.3221;0.9714
P79=-88.8487;1.5397
P80=-87.7850;1.6740
P81=-87.5369;0.7694
P82=-88.0386;-0.9411
P83=-88.8543;-1.9163
P84=-89.9042;-1.8737
P85=-91.1729;-1.2586
P86=-92.6248;-1.1161
P87=-94.0061;-1.4774
P88=-94.4111;-2.2998
P89=-93.8879;-3.5490
P90=-93.6804;-4.9353
P91=-94.1002;-6.3860
P92=-94.6824;-7.7583
P93=-94.3273;-8.7137
P94=-93.0071;-9.2442
P95=-91.8597;-9.7273
P96=-91.5541;-10.3849
P97=-91.9851;-11.1751
P98=-92.7887;-11.9527
P99=-93.9262;-12.7093
P100=-94.7074;-13.7699
P101=-94.6865;-15.3444
P102=-94.1145;-16.9859
P103=-93.5486;-17.7022
P104=-93.0091;-17.4572
P105=-92.5401;-16.5208
P106=-92.1838;-15.1529
P107=-91.8873;-13.5640
P108=-91.3600;-12.9115
P109=-90.5576;-13.3716
P110=-89.6685;-14.4778
P111=-88.9318;-15.6376
P112=-88.3442;-16.8214
P113=-87.7762;-17.2381
P114=-87.1684;-16.5231
P115=-86.5264;-14.9019

P116=-85.8966;-14.1638
P117=-85.2888;-14.6944
P118=-84.7940;-15.9623
P119=-84.5150;-17.3654
P120=-84.4751;-18.7708
P121=-84.7143;-19.9507
P122=-85.2331;-20.9010
P123=-85.8192;-21.8202
P124=-86.1517;-23.0076
P125=-86.4197;-24.3211
P126=-87.3909;-25.1817
P127=-89.0091;-25.5875
P128=-89.8941;-26.1303
P129=-89.6863;-26.9643
P130=-88.5744;-27.9359
P131=-87.3550;-28.3971
P132=-86.1172;-28.2756
P133=-84.8904;-27.6715
P134=-83.7851;-26.9608
P135=-82.8136;-26.1881
P136=-82.0831;-25.9362
P137=-81.6584;-26.5552
P138=-81.5710;-27.9270
P139=-82.0666;-29.1325
P140=-83.1974;-29.9776
P141=-84.6790;-30.4366
P142=-86.0388;-30.4672
P143=-87.2694;-30.0686
P144=-88.4654;-29.5075
P145=-89.8132;-29.3084
P146=-91.2791;-29.4909
P147=-92.2969;-30.1347
P148=-92.6793;-31.2663
P149=-92.6255;-32.7070
P150=-92.5206;-34.1117
P151=-92.3974;-35.4704
P152=-92.4503;-36.7729
P153=-92.7239;-38.0168
P154=-93.0829;-39.2664
P155=-93.2991;-40.6304
P156=-93.3499;-42.0868
P157=-93.0060;-43.3489
P158=-92.1999;-44.3324
P159=-90.9679;-45.0577
P160=-89.7596;-45.7795
P161=-88.7090;-46.5735
P162=-87.8161;-47.4397
P163=-87.0920;-48.4001
P164=-86.5801;-49.5401
P165=-86.2849;-50.8685
P166=-86.1144;-52.3251
P167=-85.7480;-53.6996
P168=-85.1583;-54.9740
P169=-84.3990;-56.1462
P170=-83.5659;-57.2125
P171=-82.6607;-58.1727
P172=-81.6759;-59.0369

P173=-80.5837;-59.8421
P174=-79.3814;-60.5917
P175=-78.0690;-61.2857
P176=-76.6465;-61.9242
P177=-75.1939;-62.5242
P178=-73.8666;-63.1194
P179=-72.6687;-63.7105
P180=-71.6000;-64.2977
P181=-70.6607;-64.8809
P182=-69.8508;-65.4600
P183=-69.1642;-66.0124
P184=-68.5946;-66.5138
P185=-68.1419;-66.9642
P186=-67.8063;-67.3636
P187=-67.5506;-67.7177
P188=-66.9838;-68.0873
P189=-66.0010;-68.4886
P190=-64.6023;-68.9216
P191=-62.8003;-69.3814
P192=-61.0750;-69.6847
P193=-59.6714;-69.7379
P194=-58.5893;-69.5410
P195=-58.2770;-69.3600
P196=-42.4350;24.2192
[C22]
gain=-20.00
n_point=17
P1=-40.9414;0.0000
P2=-42.2500;-21.5993
P3=-42.2565;-21.6989
P4=-42.2631;-21.7984
P5=-42.2698;-21.8980
P6=-42.2764;-21.9976
P7=-42.2830;-22.0971
P8=-42.2896;-22.1967
P9=-42.2964;-22.2962
P10=-42.3033;-22.3959
P11=-42.3101;-22.4953
P12=-42.3169;-22.5950
P13=-42.3238;-22.6944
P14=-42.3307;-22.7942
P15=-42.3377;-22.8933
P16=-42.3447;-22.9940
P17=-40.9098;0.0000