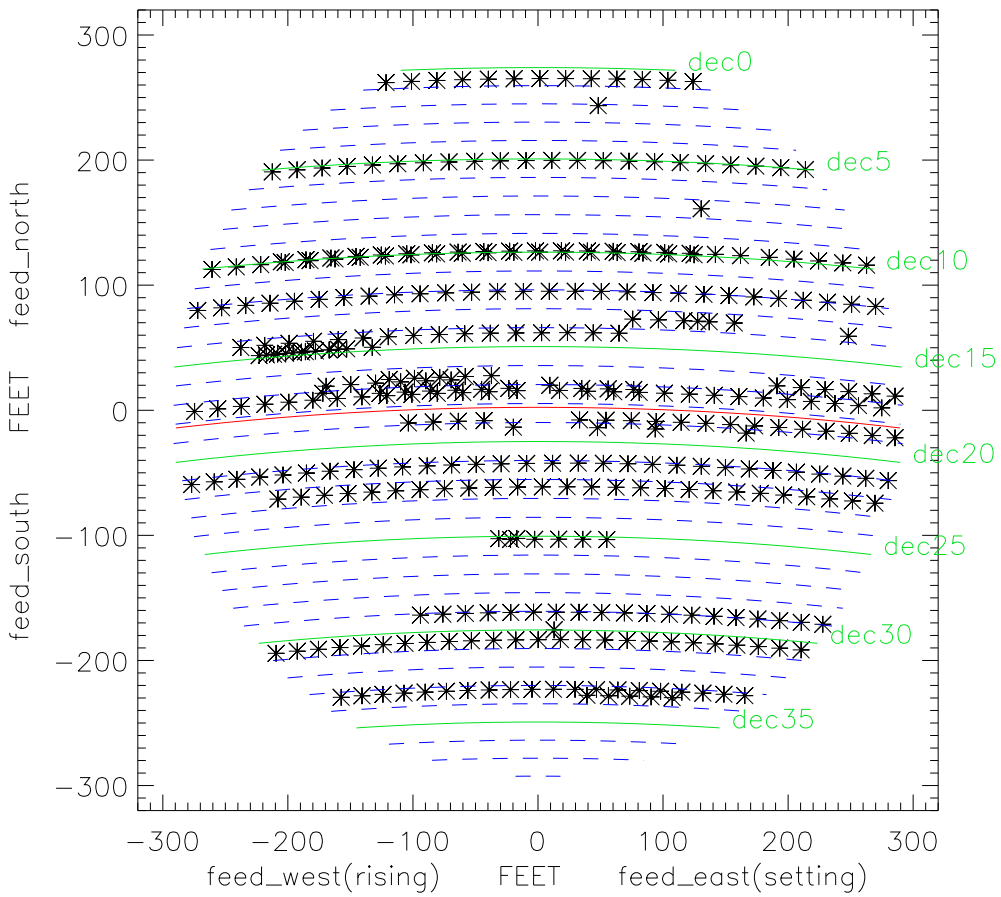
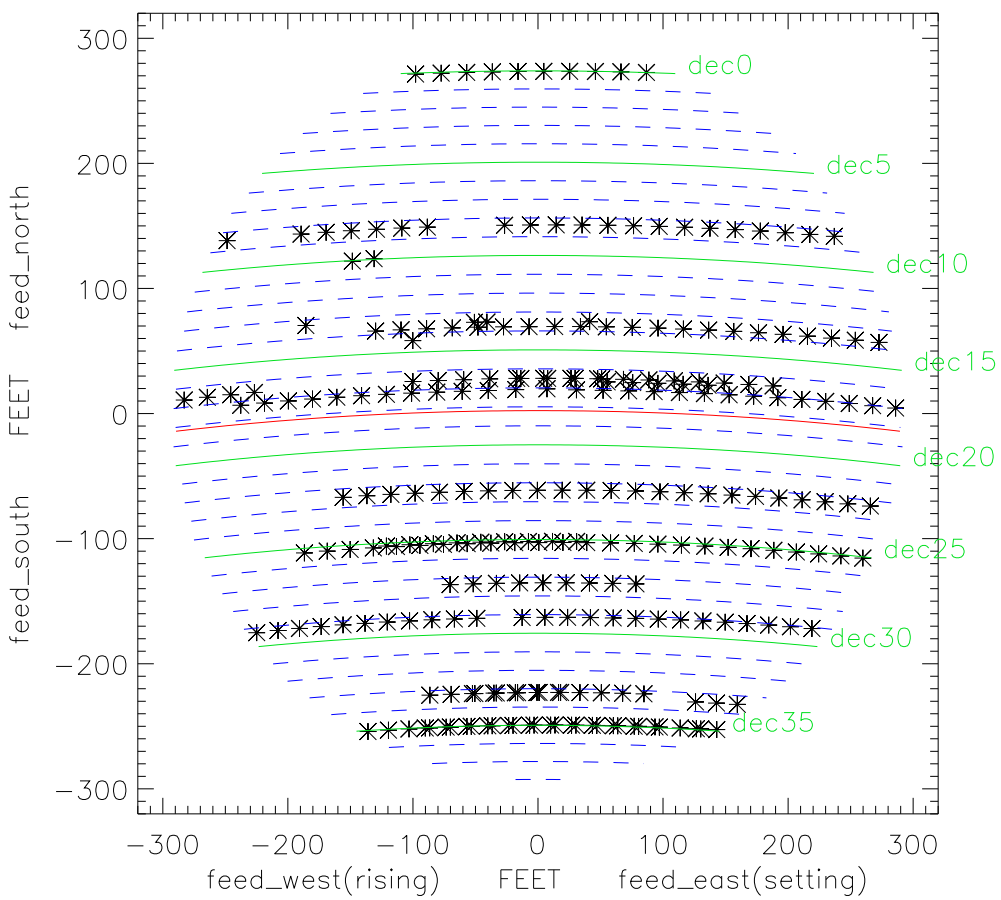
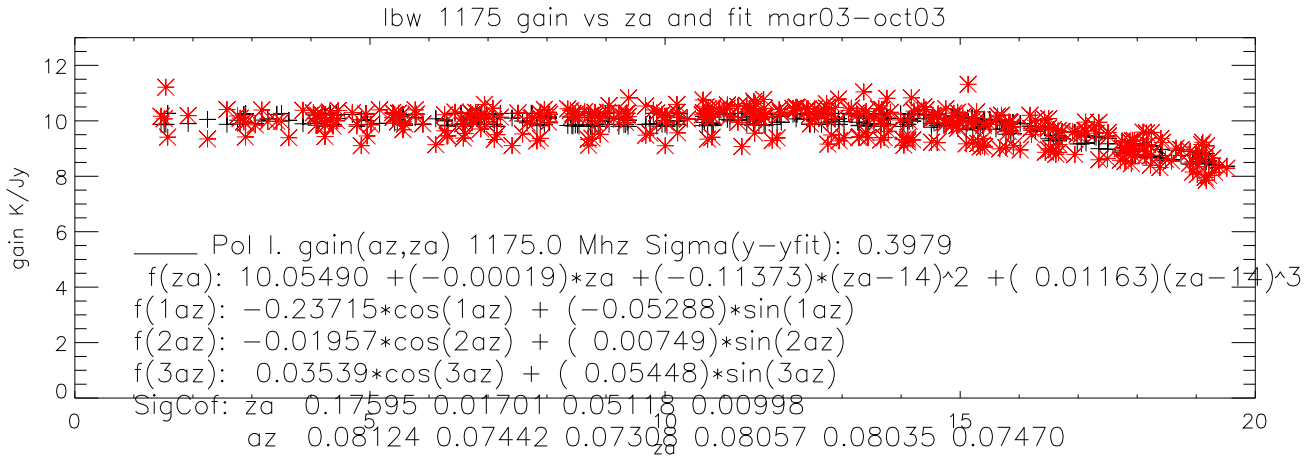
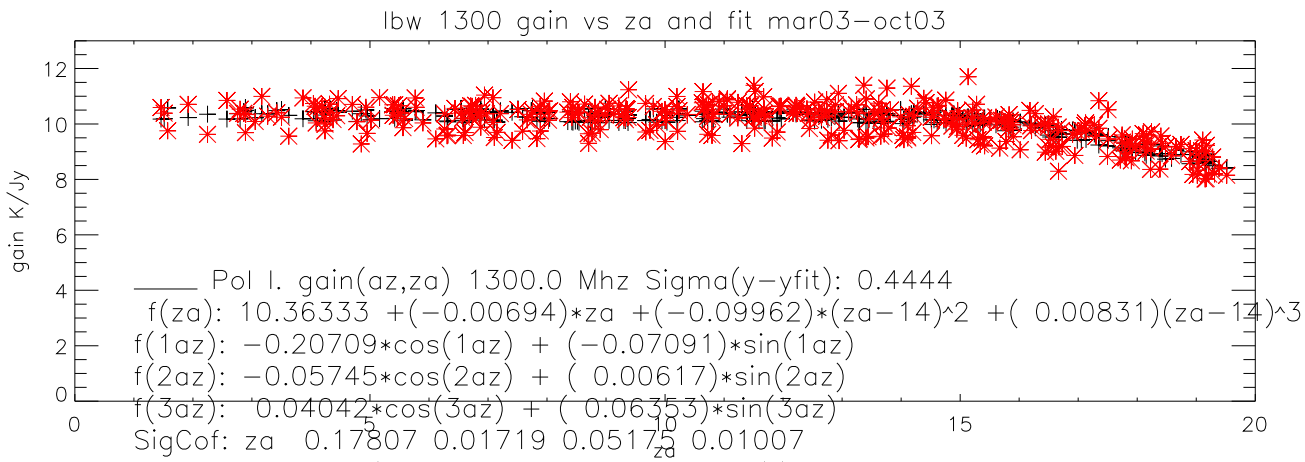
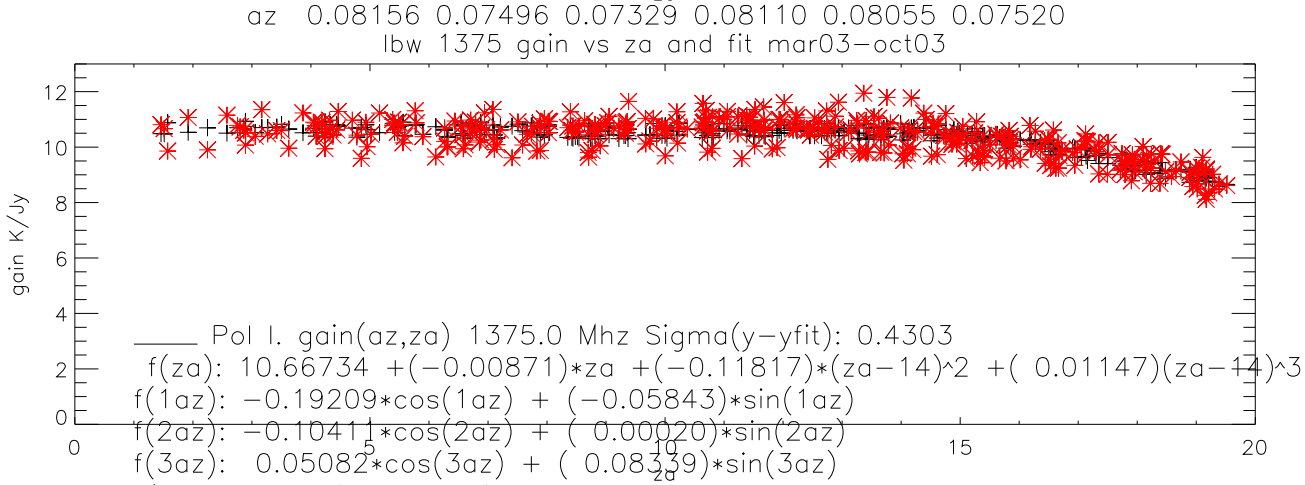
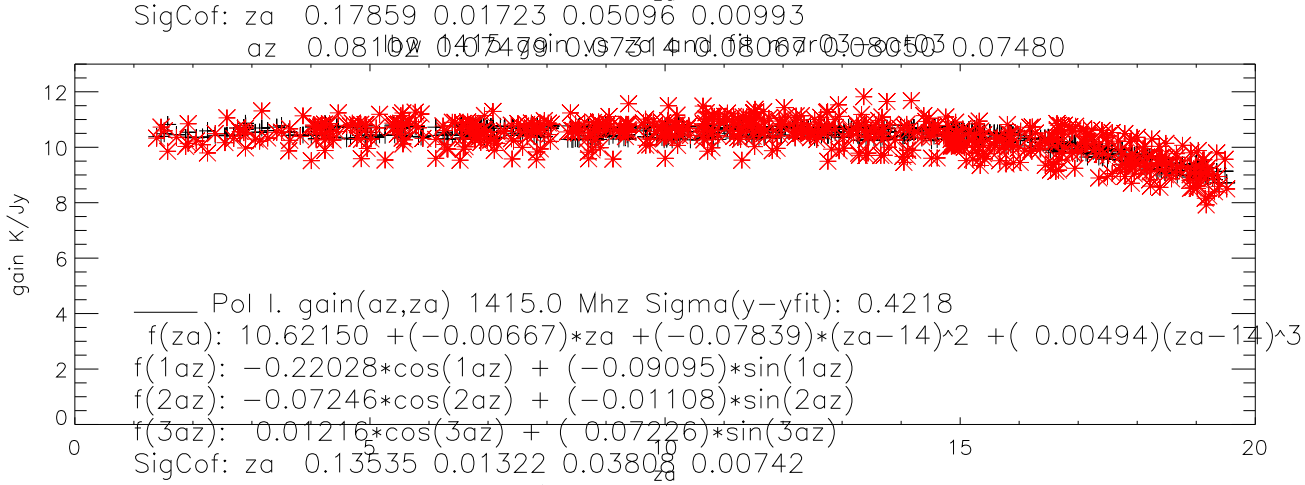

dec0
dec5
dec10
dec15
dec20
dec25
dec30
dec35
300
200
100
0
−100
−200
−300
feed_north FEET feed_south
−300 −200 −100 0 100 200 300
feed_west(rising) FEET feed_east(setting)

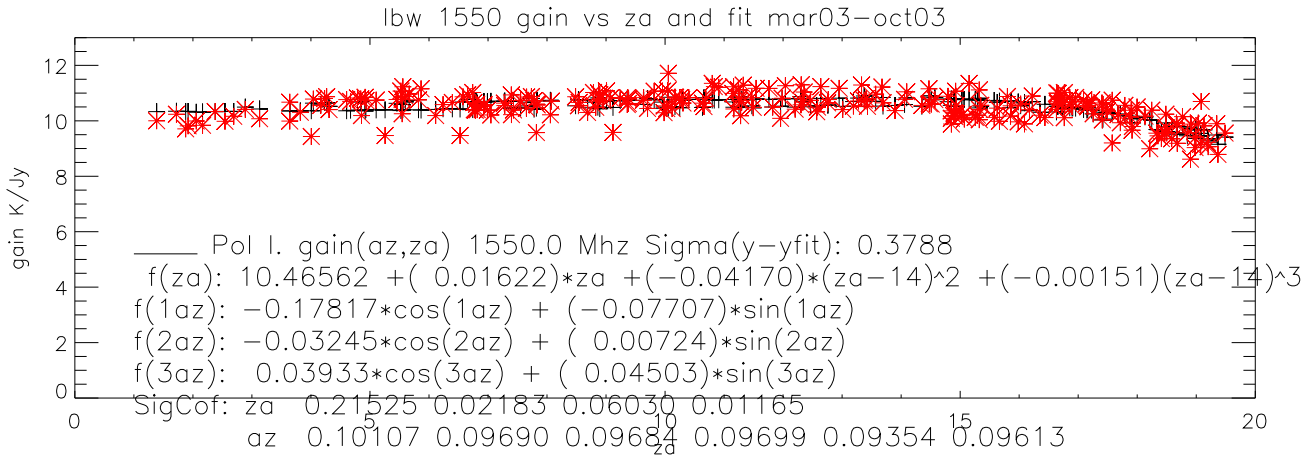

dec0
dec5
dec10
dec15
dec20
dec25
dec30
dec35
300
200
100
0
−100
−200
−300
feed_north FEET feed_south
−300 −200 −100 0 100 200 300
feed_west(rising) FEET feed_east(setting)

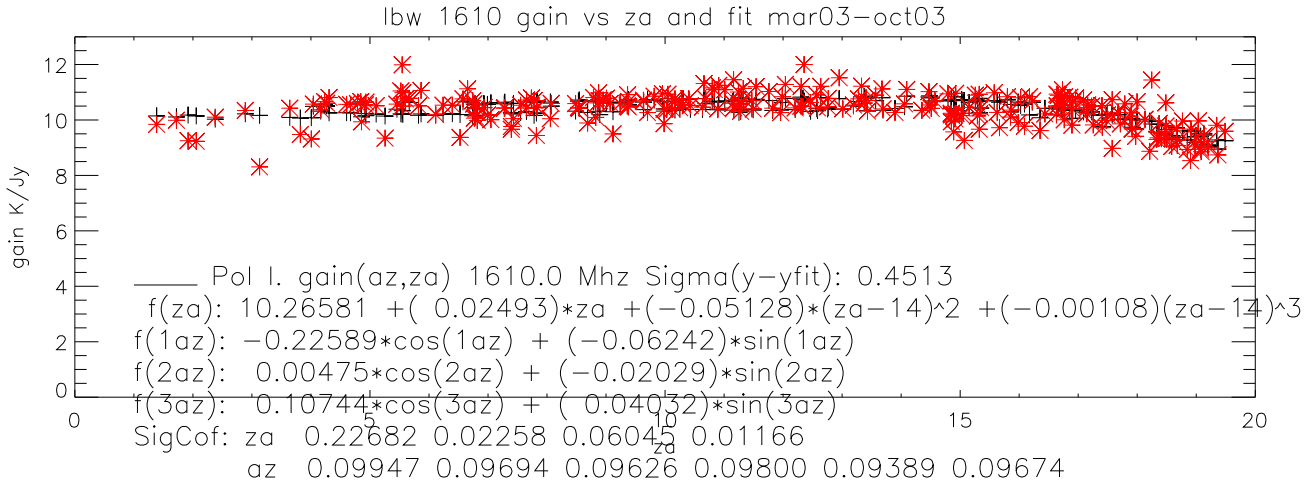

lbw 1175 gain vs za and fit mar03–oct03
gain K/Jy
za
____ Pol I. gain(az,za) 1175.0 Mhz Sigma(y–yfit): 0.3979
f(za): 10.05490 +(–0.00019)*za +(–0.11373)*(za–14)^2 +(0.01163)(za–14)^3
f(1az): –0.23715*cos(1az) + (–0.05288)*sin(1az)
f(2az): –0.01957*cos(2az) + (0.00749)*sin(2az)
f(3az): 0.03539*cos(3az) + (0.05448)*sin(3az)
SigCof: za 0.17595 0.01701 0.05118 0.00998
az 0.08124 0.07442 0.07308 0.08057 0.08035 0.07470

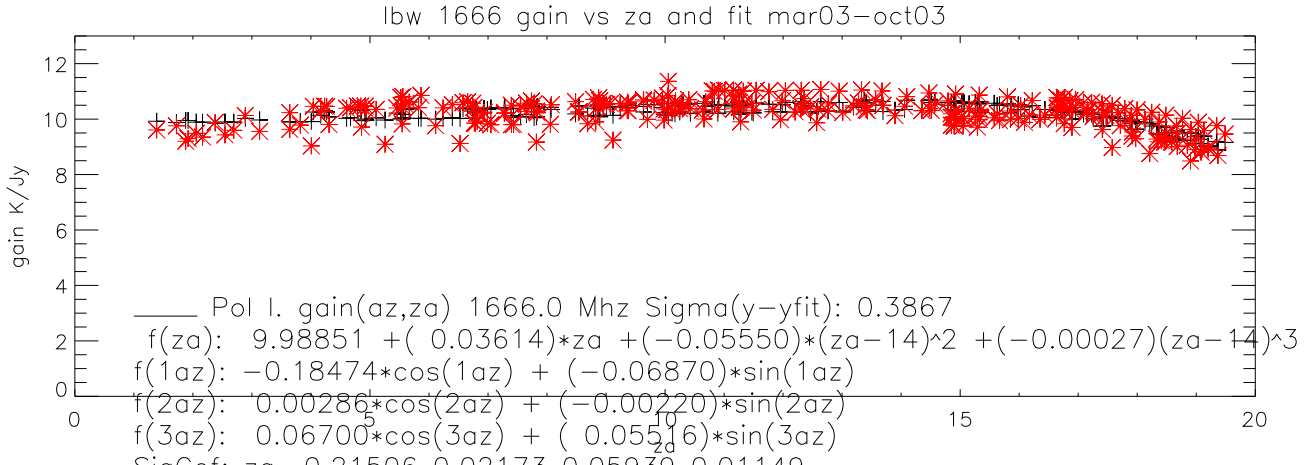

lbw 1300 gain vs za and fit mar03–oct03
gain K/Jy
za
____ Pol I. gain(az,za) 1300.0 Mhz Sigma(y–yfit): 0.4444
f(za): 10.36333 +(–0.00694)*za +(–0.09962)*(za–14)^2 +(0.00831)(za–14)^3
f(1az): –0.20709*cos(1az) + (–0.07091)*sin(1az)
f(2az): –0.05745*cos(2az) + (0.00617)*sin(2az)
f(3az): 0.04042*cos(3az) + (0.06353)*sin(3az)
SigCof: za 0.17807 0.01719 0.05175 0.01007
az 0.08156 0.07496 0.07329 0.08110 0.08055 0.07520

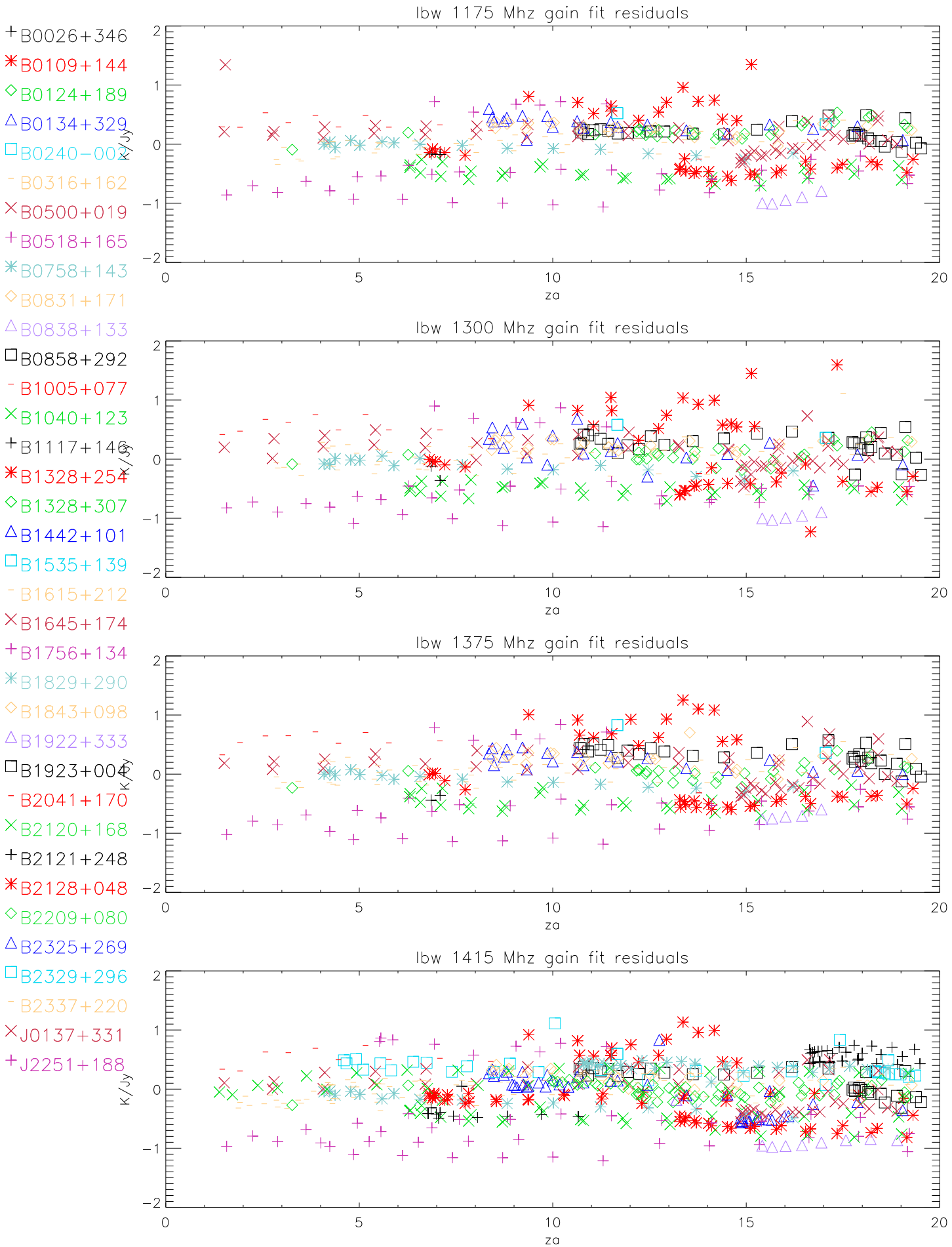

lbw 1375 gain vs za and fit mar03–oct03
gain K/Jy
za
____ Pol I. gain(az,za) 1375.0 Mhz Sigma(y–yfit): 0.4303
f(za): 10.66734 +(–0.00871)*za +(–0.11817)*(za–14)^2 +(0.01147)(za–14)^3
f(1az): –0.19209*cos(1az) + (–0.05843)*sin(1az)
f(2az): –0.10411*cos(2az) + (0.00020)*sin(2az)
f(3az): 0.05082*cos(3az) + (0.08339)*sin(3az)
SigCof: za 0.17859 0.01723 0.05096 0.00993
az 0.08102 0.07479 0.07314 0.08067 0.08050 0.07480

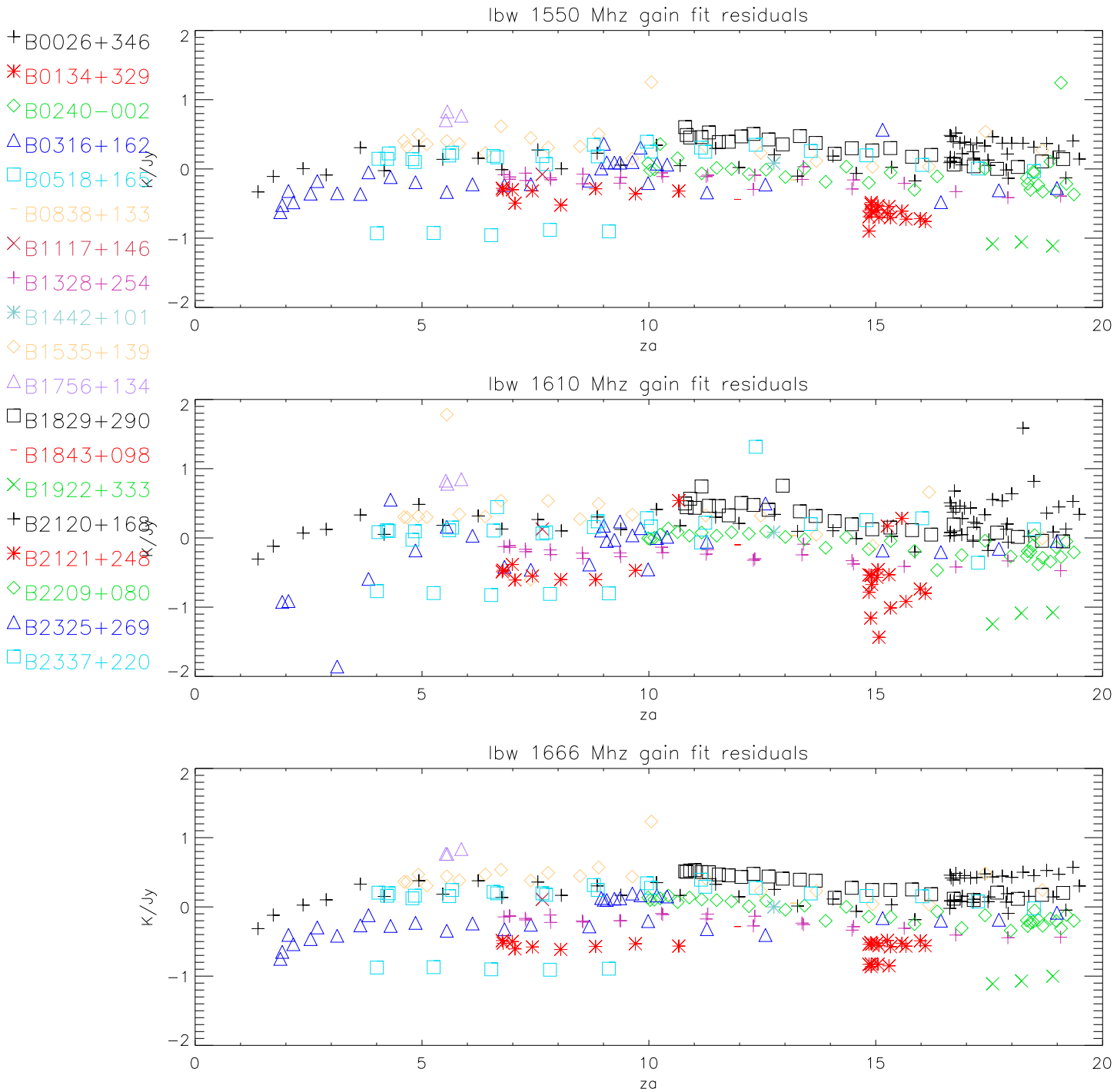

lbw 1415 gain vs za and fit mar03–oct03
gain K/Jy
za
____ Pol I. gain(az,za) 1415.0 Mhz Sigma(y–yfit): 0.4218
f(za): 10.62150 +(–0.00667)*za +(–0.07839)*(za–14)^2 +(0.00494)(za–14)^3
f(1az): –0.22028*cos(1az) + (–0.09095)*sin(1az)
f(2az): –0.07246*cos(2az) + (–0.01108)*sin(2az)
f(3az): 0.01216*cos(3az) + (0.07226)*sin(3az)
SigCof: za 0.13535 0.01322 0.03808 0.00742
az 0.06043 0.05671 0.05573 0.06036 0.05936 0.05699


lbw 1550 gain vs za and fit mar03–oct03
gain K/Jy
za
____ Pol I. gain(az,za) 1550.0 Mhz Sigma(y–yfit): 0.3788
f(za): 10.46562 +(0.01622)*za +(–0.04170)*(za–14)^2 +(–0.00151)(za–14)^3
f(1az): –0.17817*cos(1az) + (–0.07707)*sin(1az)
f(2az): –0.03245*cos(2az) + (0.00724)*sin(2az)
f(3az): 0.03933*cos(3az) + (0.04503)*sin(3az)
SigCof: za 0.21525 0.02183 0.06030 0.01165
az 0.10107 0.09690 0.09684 0.09699 0.09354 0.09613


lbw 1610 gain vs za and fit mar03–oct03
gain K/Jy
za
____ Pol I. gain(az,za) 1610.0 Mhz Sigma(y–yfit): 0.4513
f(za): 10.26581 +(0.02493)*za +(–0.05128)*(za–14)^2 +(–0.00108)(za–14)^3
f(1az): –0.22589*cos(1az) + (–0.06242)*sin(1az)
f(2az): 0.00475*cos(2az) + (–0.02029)*sin(2az)
f(3az): 0.10744*cos(3az) + (0.04032)*sin(3az)
SigCof: za 0.22682 0.02258 0.06045 0.01166
az 0.09947 0.09694 0.09626 0.09800 0.09389 0.09674


lbw 1666 gain vs za and fit mar03–oct03
gain K/Jy
za
____ Pol I. gain(az,za) 1666.0 Mhz Sigma(y–yfit): 0.3867
f(za): 9.98851 +(0.03614)*za +(–0.05550)*(za–14)^2 +(–0.00027)(za–14)^3
f(1az): –0.18474*cos(1az) + (–0.06870)*sin(1az)
f(2az): 0.00286*cos(2az) + (–0.00220)*sin(2az)
f(3az): 0.06700*cos(3az) + (0.05516)*sin(3az)
SigCof: za 0.21506 0.02173 0.05939 0.01149
az 0.09836 0.09571 0.09505 0.09536 0.09250 0.09484


lbw 1175 Mhz gain fit residuals
lbw 1300 Mhz gain fit residuals
lbw 1375 Mhz gain fit residuals
lbw 1415 Mhz gain fit residuals
K/Jy
za
B0026+346
B0109+144
B0124+189
B0134+329
B0240−00
B0316+162
B0500+019
B0518+165
B0758+143
B0831+171
B0838+133
B0858+292
B1005+077
B1040+123
B1117+146
B1328+254
B1328+307
B1442+101
B1535+139
B1615+212
B1645+174
B1756+134
B1829+290
B1843+098
B1922+333
B1923+004
B2041+170
B2120+168
B2121+248
B2128+048
B2209+080
B2325+269
B2329+296
B2337+220
J0137+331
J2251+188


lbw 1550 Mhz gain fit residuals
lbw 1610 Mhz gain fit residuals
lbw 1666 Mhz gain fit residuals
B0026+346
B0134+329
B0240−002
B0316+162
B0518+165
B0838+133
B1117+146
B1328+254
B1442+101
B1535+139
B1756+134
B1829+290
B1843+098
B1922+333
B2120+168
B2121+248
B2209+080
B2325+269
B2337+220
K/Jy
za