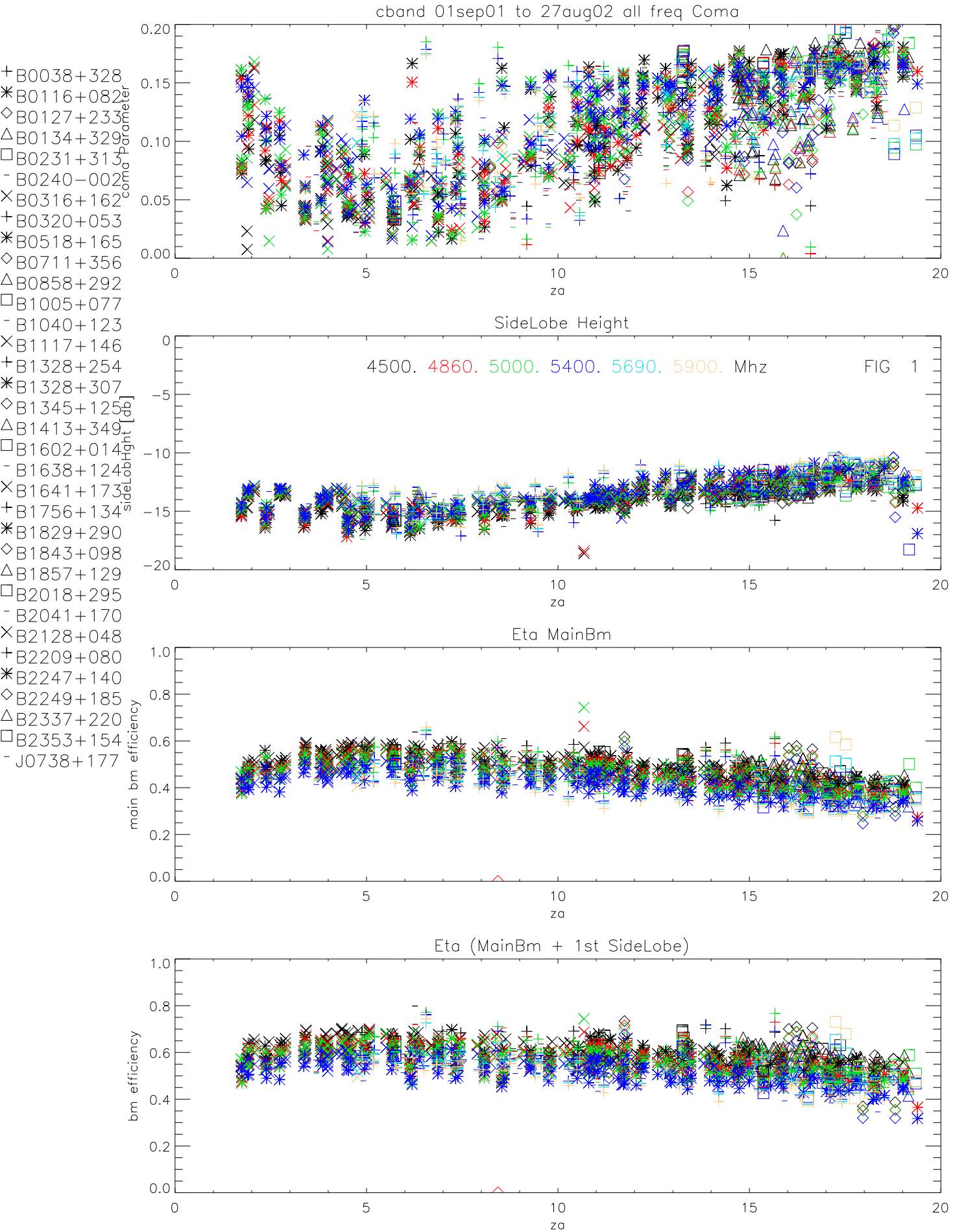
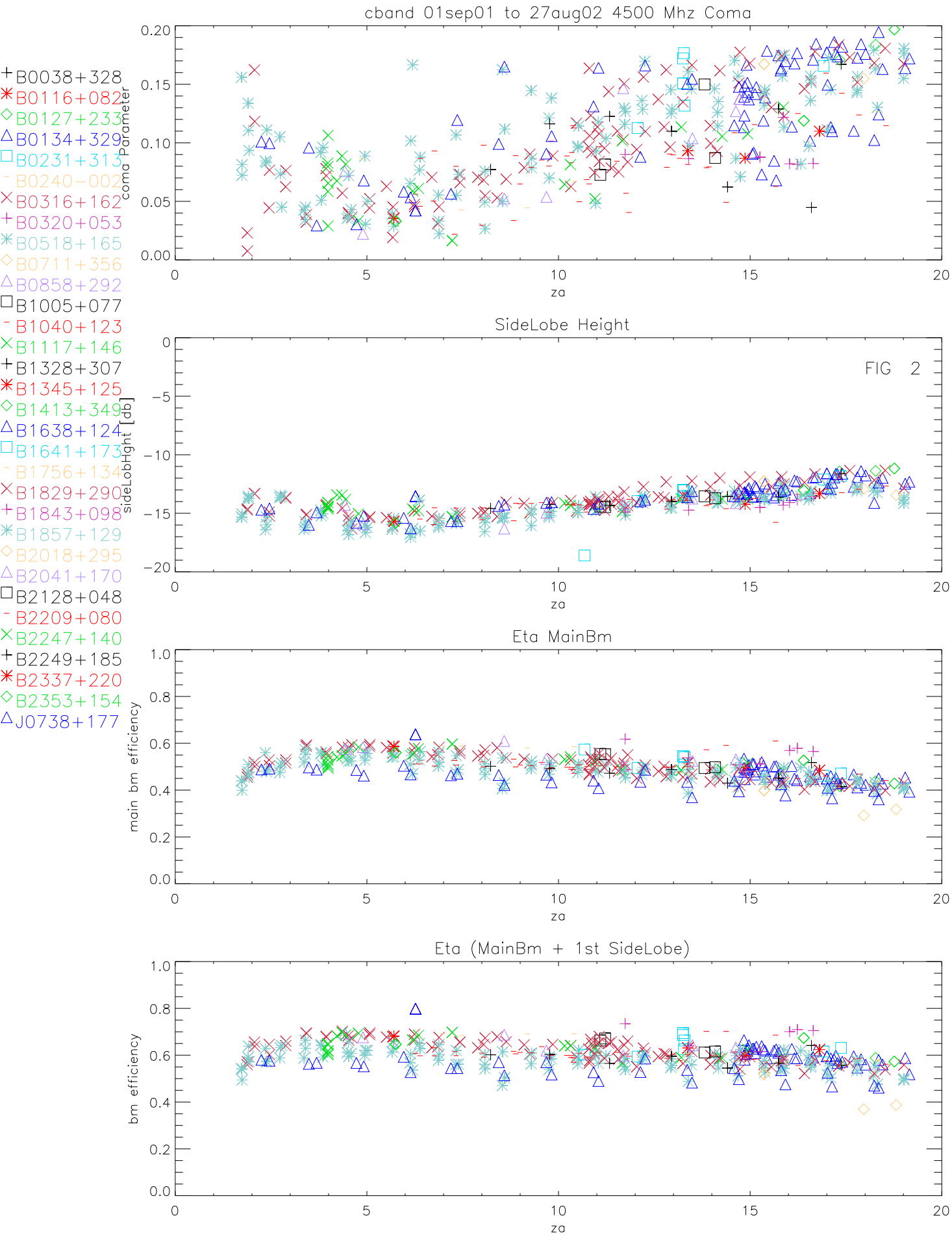
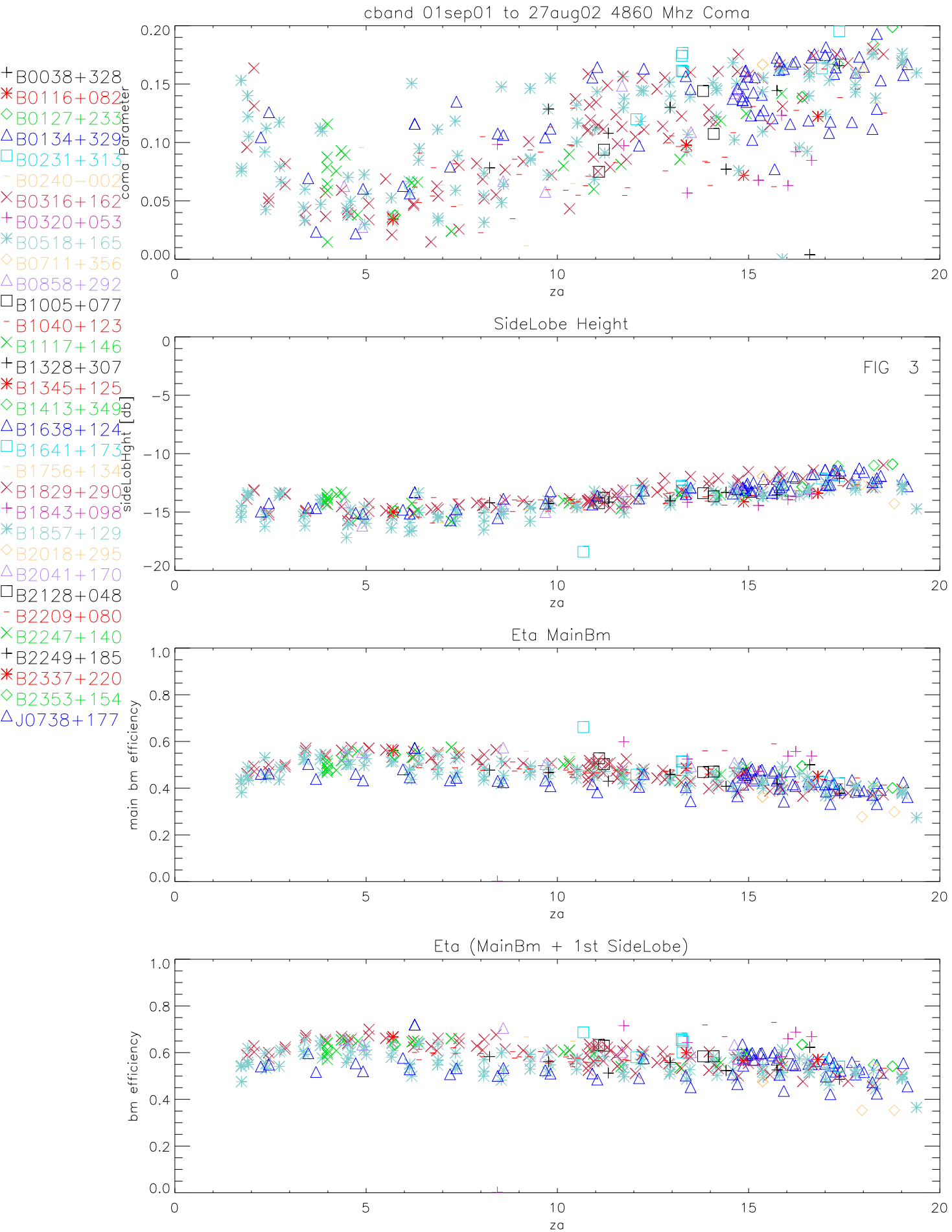
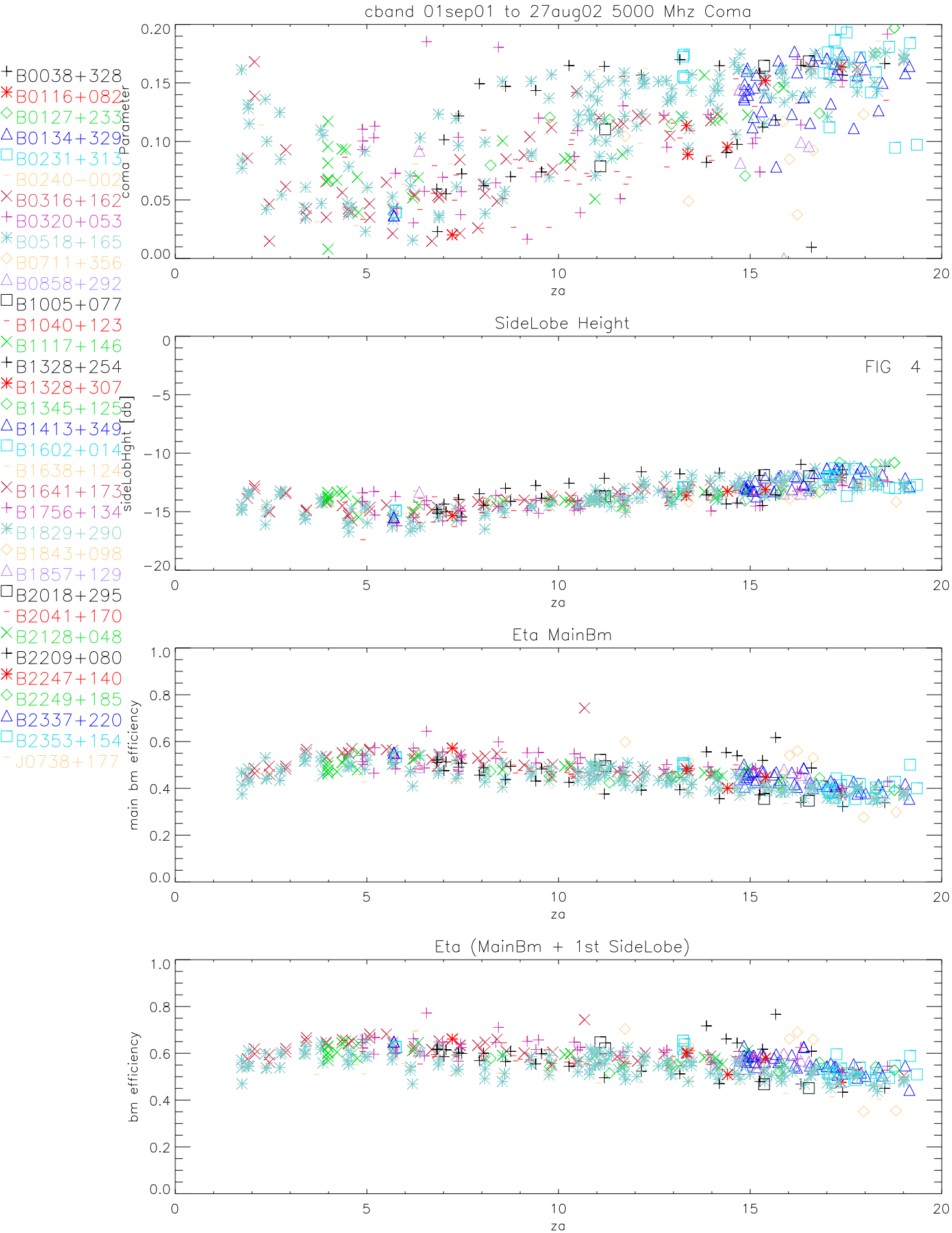
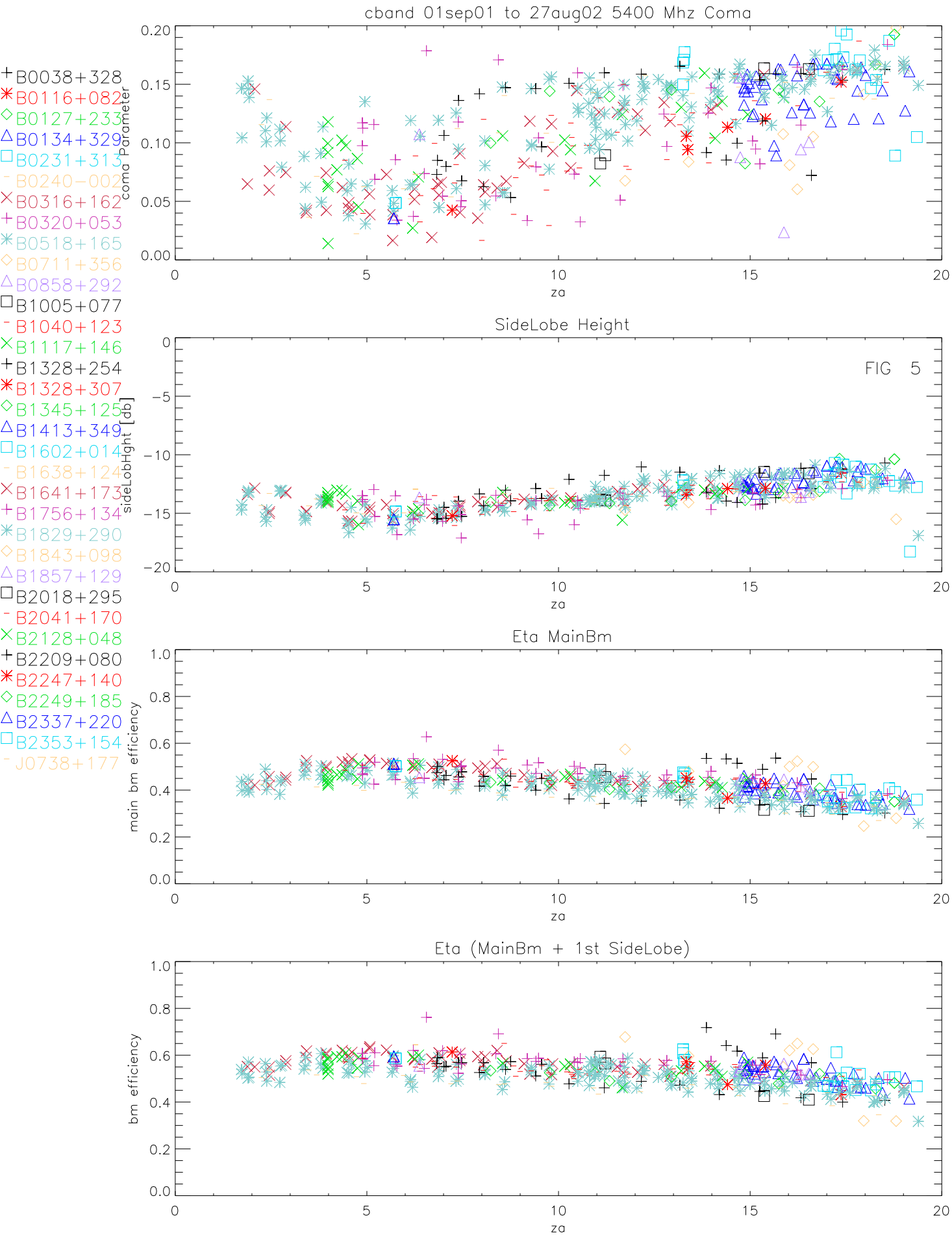
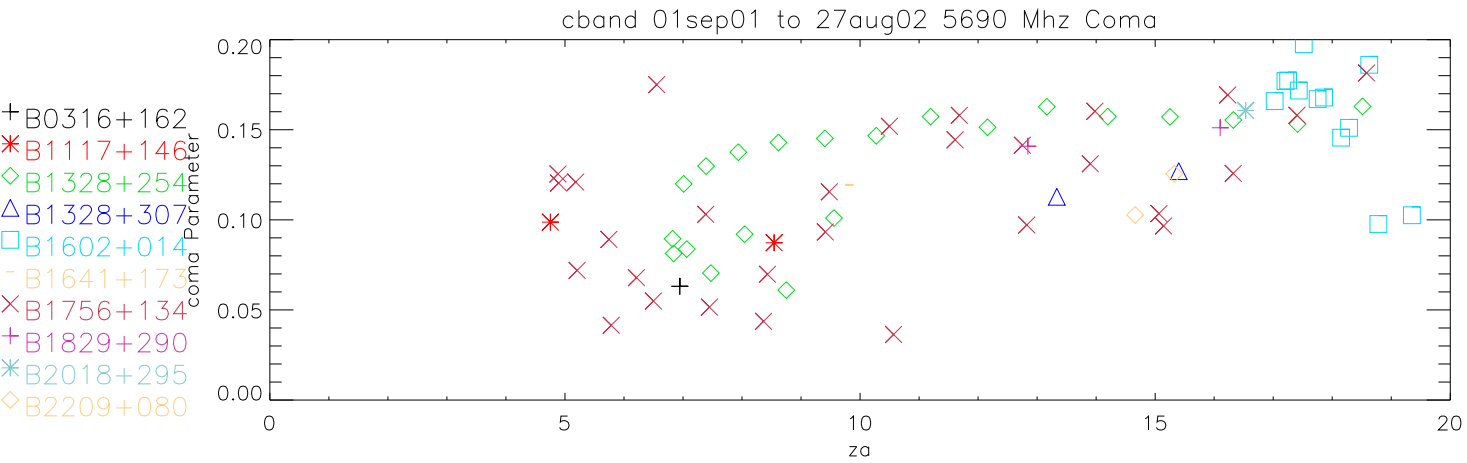

cband 01sep01 to 27aug02 all freq Coma
coma Parameter
za
SideLobe Height
4500. 4860. 5000. 5400. 5690. 5900. Mhz
FIG 1
sideLobHght [db]
za
Eta MainBm
main bm efficiency
za
Eta (MainBm + 1st SideLobe)
bm efficiency
za
B0038+328
B0116+082
B0127+233
B0134+329
B0231+313
B0240−002
B0316+162
B0320+053
B0518+165
B0711+356
B0858+292
B1005+077
B1040+123
B1117+146
B1328+254
B1328+307
B1345+125
B1413+349
B1602+014
B1638+124
B1641+173
B1756+134
B1829+290
B1843+098
B1857+129
B2018+295
B2041+170
B2128+048
B2209+080
B2247+140
B2249+185
B2337+220
B2353+154
J0738+177

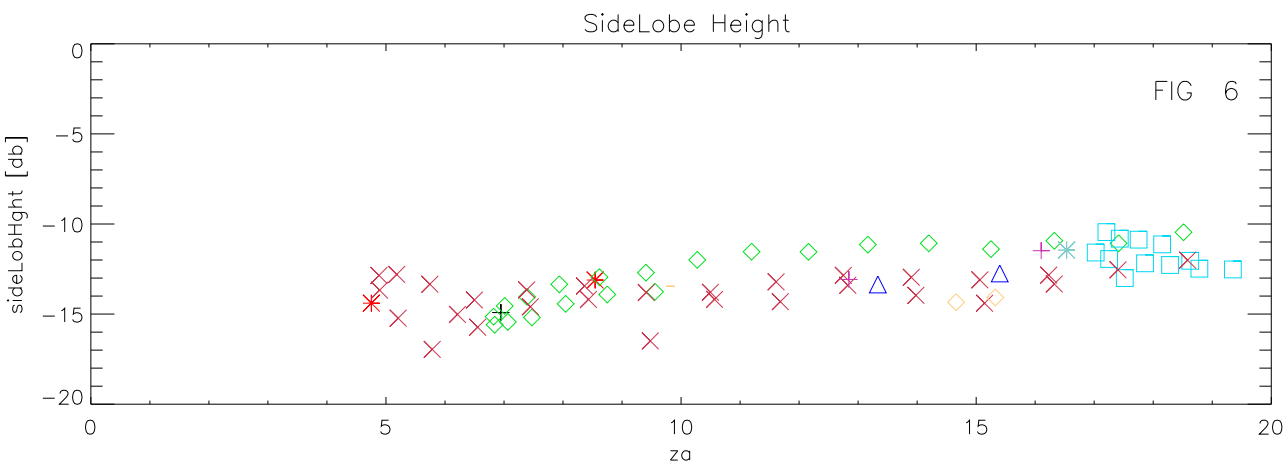

cband 01sep01 to 27aug02 4500 Mhz Coma
coma Parameter
za
SideLobe Height
sideLobHght [db]
FIG 2
Eta MainBm
main bm efficiency
Eta (MainBm + 1st SideLobe)
bm efficiency
B0038+328
B0116+082
B0127+233
B0134+329
B0231+313
B0240-002
B0316+162
B0320+053
B0518+165
B0711+356
B0858+292
B1005+077
B1040+123
B1117+146
B1328+307
B1345+125
B1413+349
B1638+124
B1641+173
B1756+134
B1829+290
B1843+098
B1857+129
B2018+295
B2041+170
B2128+048
B2209+080
B2247+140
B2249+185
B2337+220
B2353+154
J0738+177

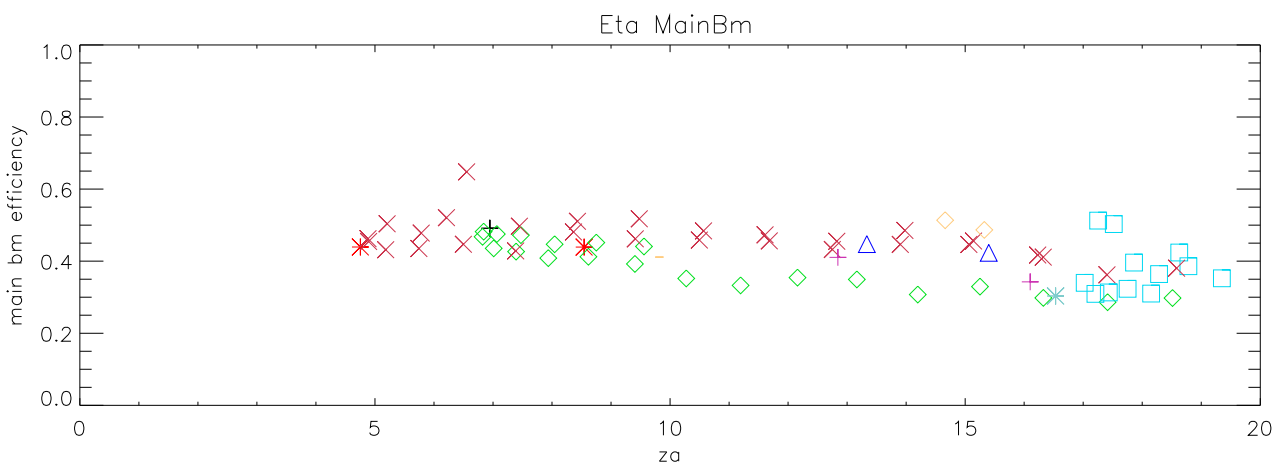

cband 01sep01 to 27aug02 4860 Mhz Coma
coma Parameter
za
SideLobe Height
sideLobHght [db]
FIG 3
Eta MainBm
main bm efficiency
Eta (MainBm + 1st SideLobe)
bm efficiency
B0038+328
B0116+082
B0127+233
B0134+329
B0231+313
B0240-002
B0316+162
B0320+053
B0518+165
B0711+356
B0858+292
B1005+077
B1040+123
B1117+146
B1328+307
B1345+125
B1413+349
B1638+124
B1641+173
B1756+134
B1829+290
B1843+098
B1857+129
B2018+295
B2041+170
B2128+048
B2209+080
B2247+140
B2249+185
B2337+220
B2353+154
J0738+177

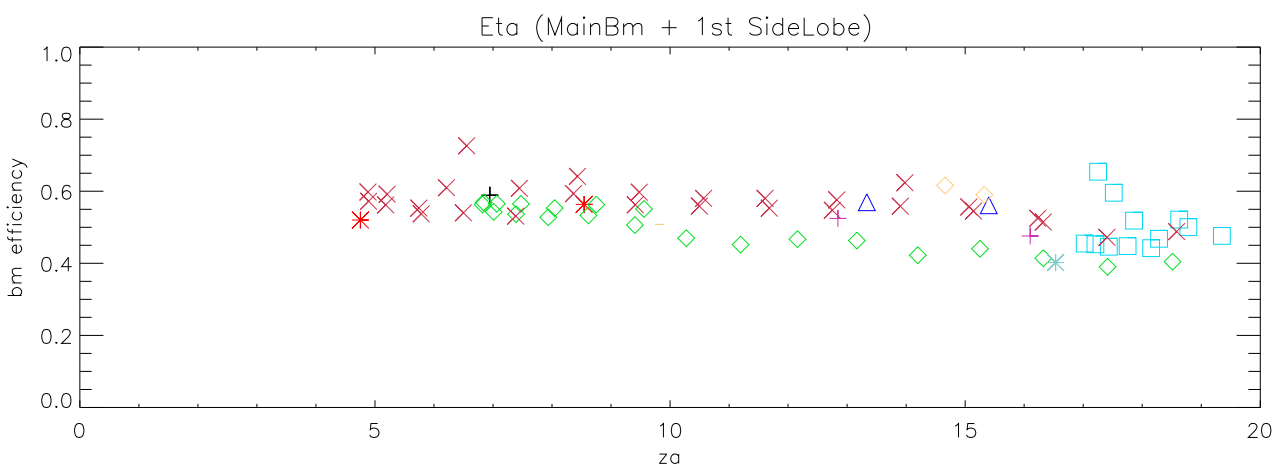

cband 01sep01 to 27aug02 5000 Mhz Coma
coma Parameter
za
SideLobe Height
sideLobHght [db]
FIG 4
Eta MainBm
main bm efficiency
Eta (MainBm + 1st SideLobe)
bm efficiency
B0038+328
B0116+082
B0127+233
B0134+329
B0231+313
B0240-002
B0316+162
B0320+053
B0518+165
B0711+356
B0858+292
B1005+077
B1040+123
B1117+146
B1328+254
B1328+307
B1345+125
B1413+349
B1602+014
B1638+124
B1641+173
B1756+134
B1829+290
B1843+098
B1857+129
B2018+295
B2041+170
B2128+048
B2209+080
B2247+140
B2249+185
B2337+220
B2353+154
J0738+177

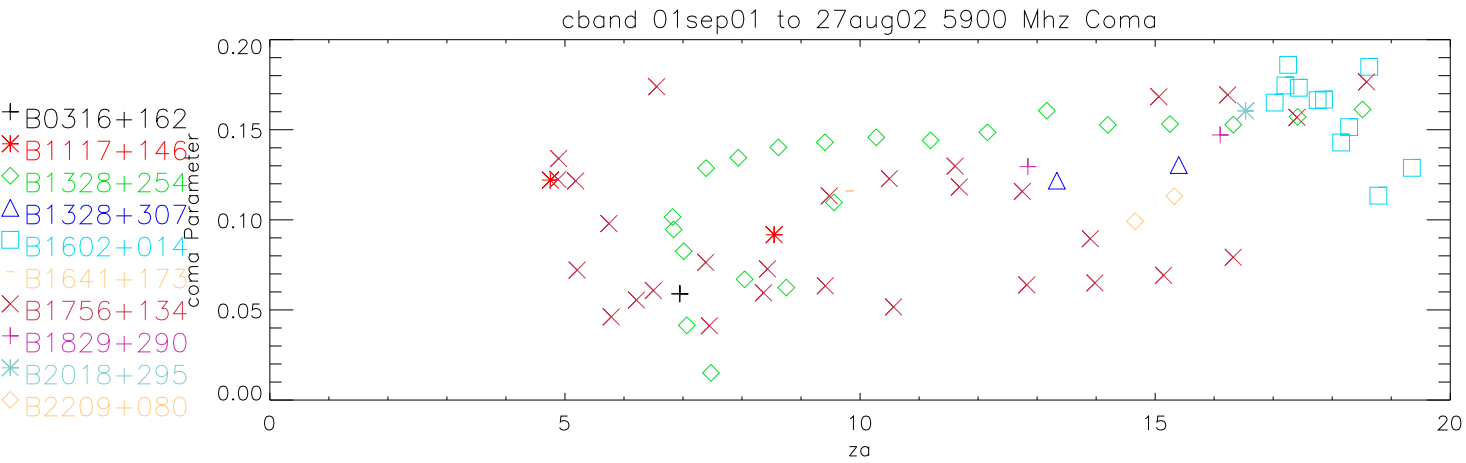

cband 01sep01 to 27aug02 5400 Mhz Coma
coma Parameter
za
SideLobe Height
sideLobHght [db]
FIG 5
Eta MainBm
main bm efficiency
Eta (MainBm + 1st SideLobe)
bm efficiency
B0038+328
B0116+082
B0127+233
B0134+329
B0231+313
B0240-002
B0316+162
B0320+053
B0518+165
B0711+356
B0858+292
B1005+077
B1040+123
B1117+146
B1328+254
B1328+307
B1345+125
B1413+349
B1602+014
B1638+124
B1641+173
B1756+134
B1829+290
B1843+098
B1857+129
B2018+295
B2041+170
B2128+048
B2209+080
B2247+140
B2249+185
B2337+220
B2353+154
J0738+177

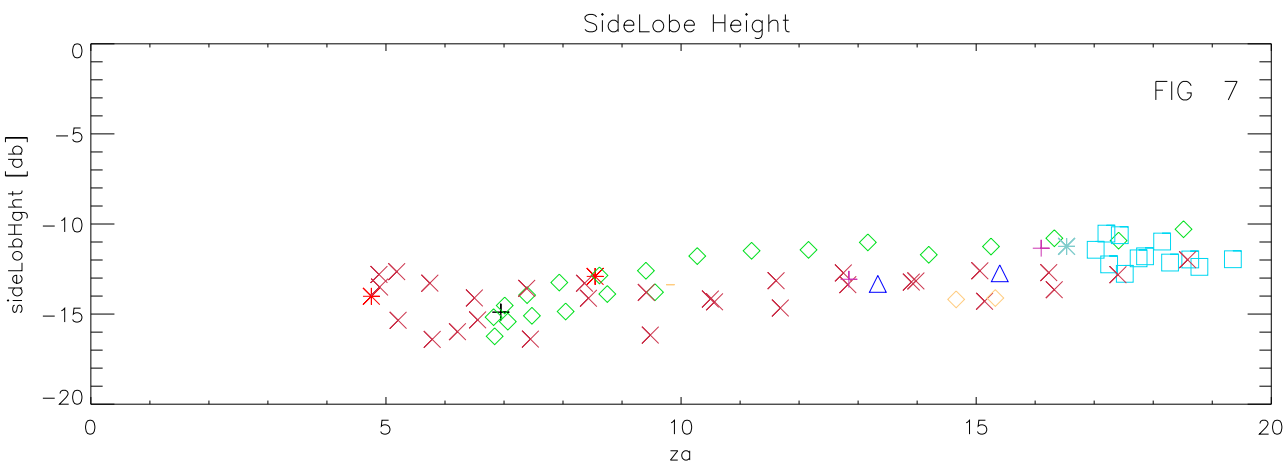

cband 01sep01 to 27aug02 5690 Mhz Coma
B0316+162
B1117+146
B1328+254
B1328+307
B1602+014
B1641+173
B1756+134
B1829+290
B2018+295
B2209+080
coma Parameter
0.20
0.15
0.10
0.05
0.00
0
5
10
15
20
za

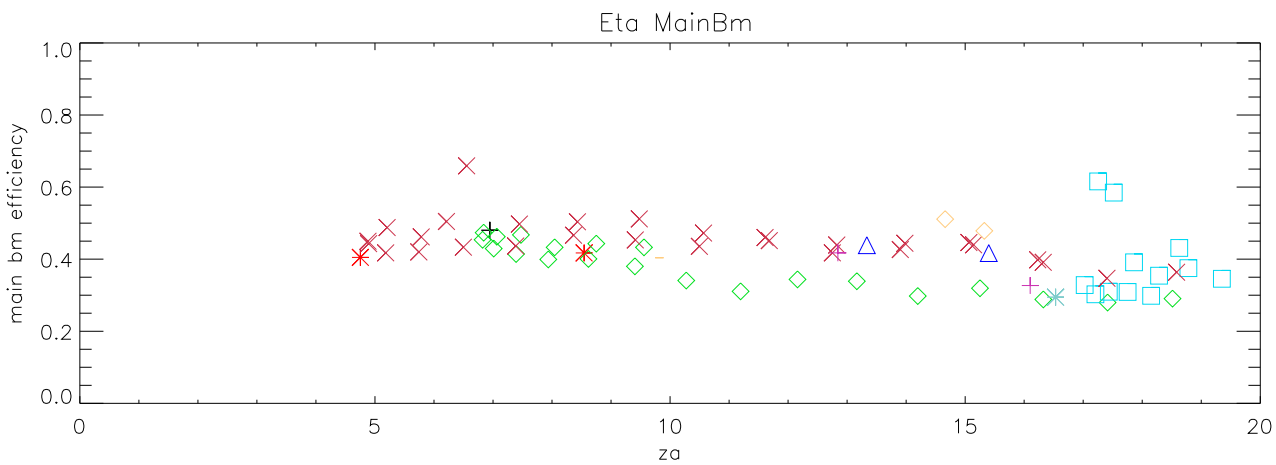

SideLobe Height
FIG 6
sideLobHght [db]
0
−5
−10
−15
−20
0
5
10
15
20
za

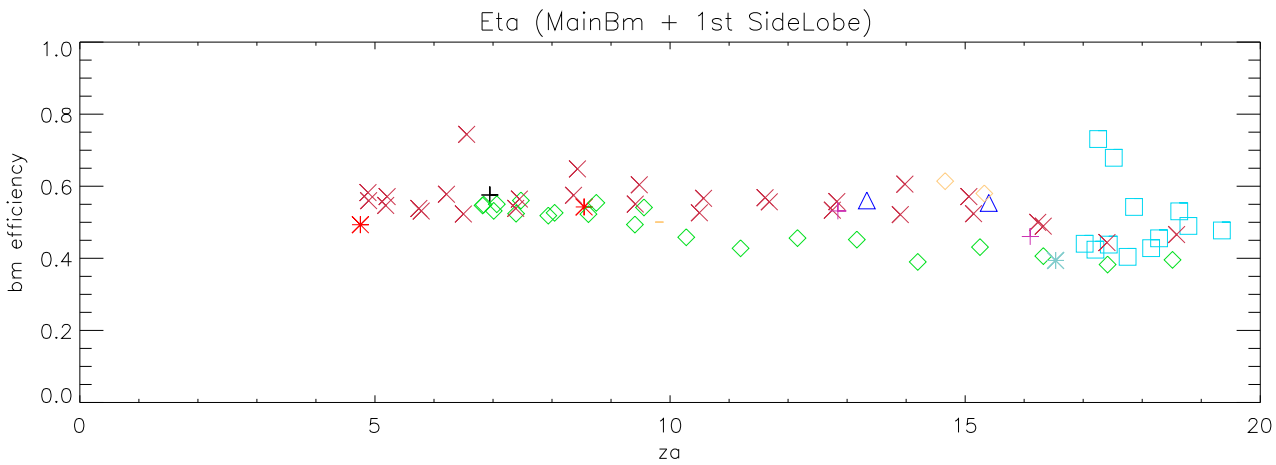

Eta MainBm
main bm efficiency
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
za


Eta (MainBm + 1st SideLobe)
bm efficiency
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
za


cband 01sep01 to 27aug02 5900 Mhz Coma
B0316+162
B1117+146
B1328+254
B1328+307
B1602+014
B1641+173
B1756+134
B1829+290
B2018+295
B2209+080
coma Parameter
0.20
0.15
0.10
0.05
0.00
0
5
10
15
20
za


SideLobe Height
FIG 7
sideLobHght [db]
0
−5
−10
−15
−20
0
5
10
15
20
za


Eta MainBm
main bm efficiency
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
za


Eta (MainBm + 1st SideLobe)
bm efficiency
1.0
0.8
0.6
0.4
0.2
0.0
0
5
10
15
20
za