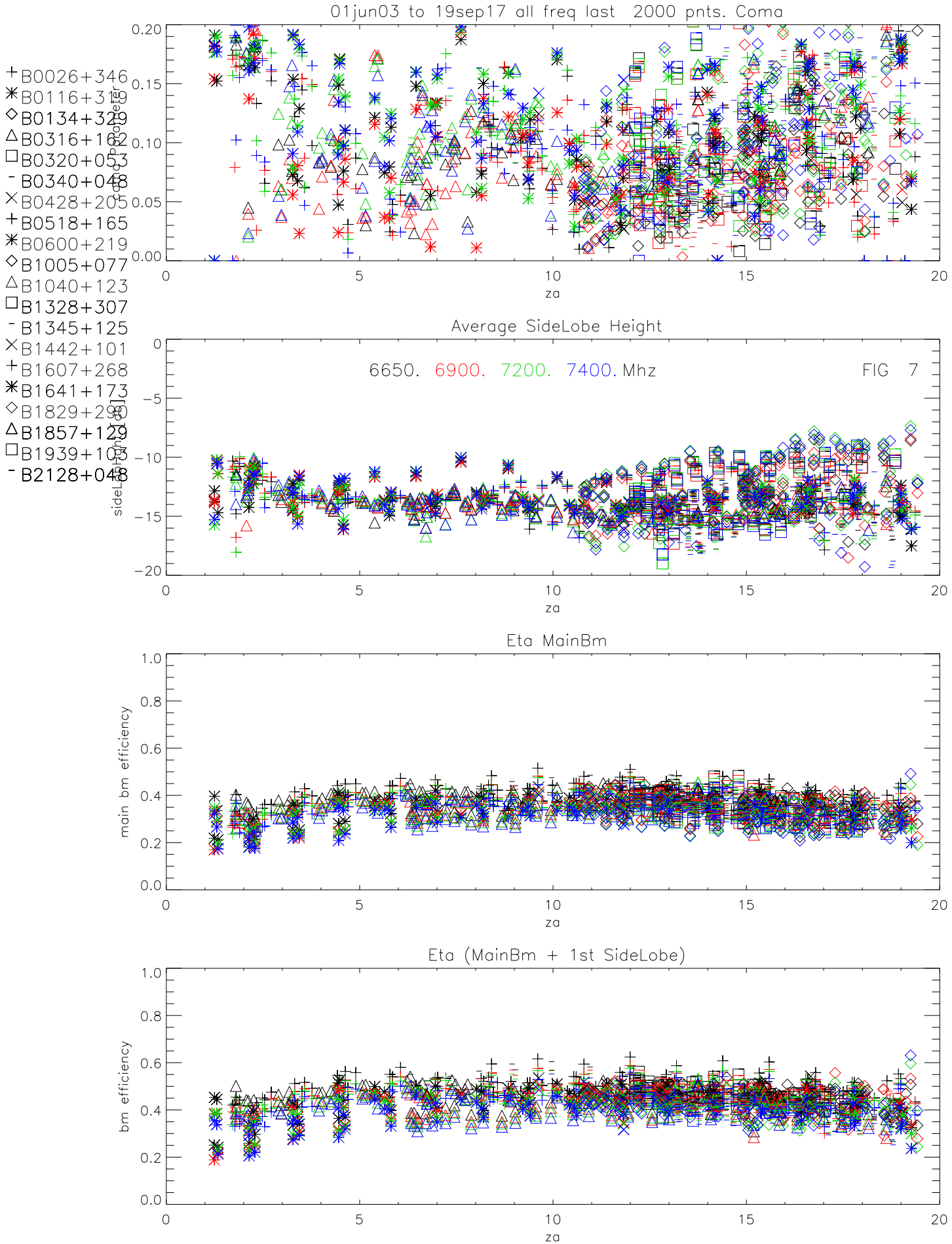
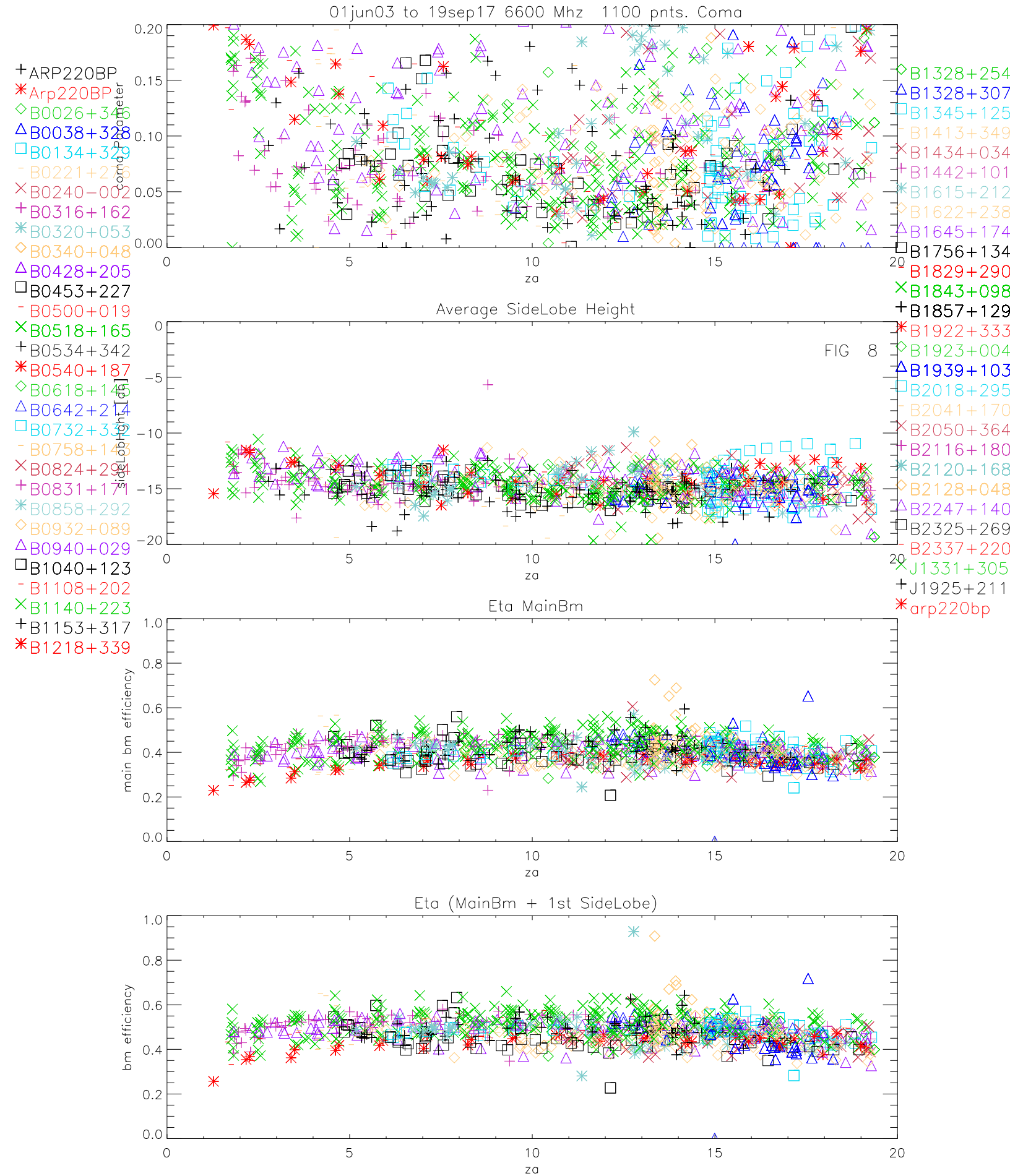
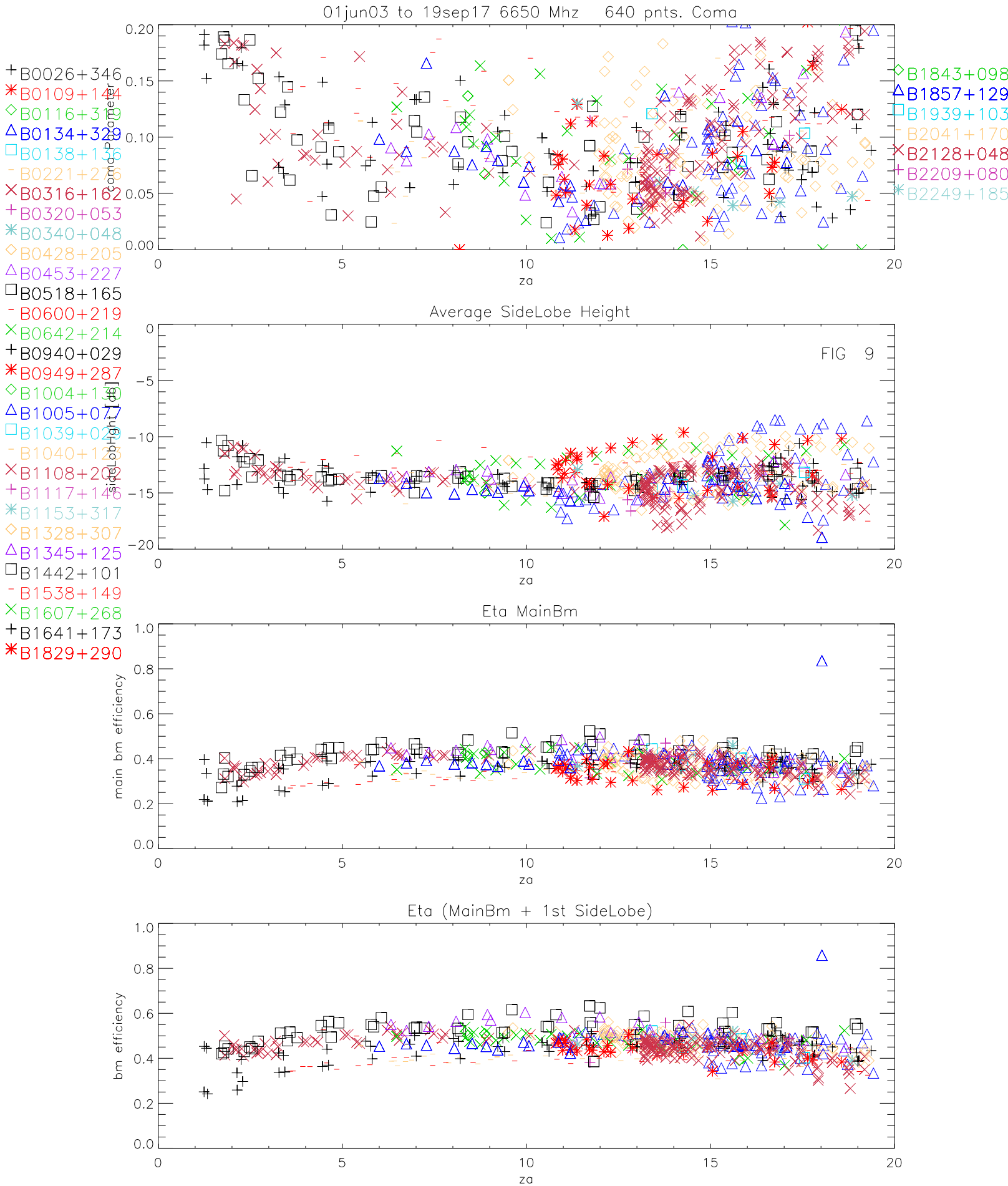
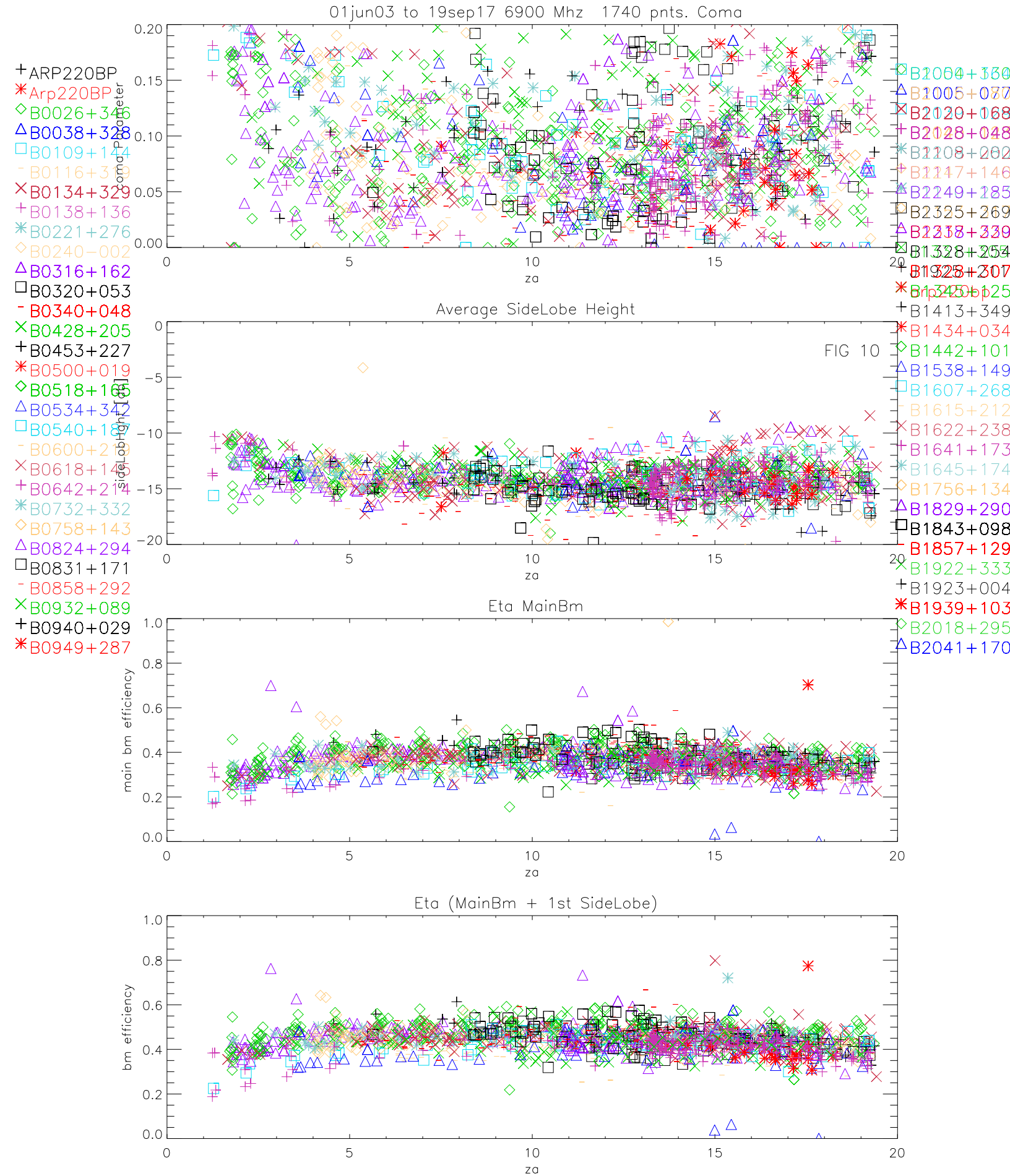
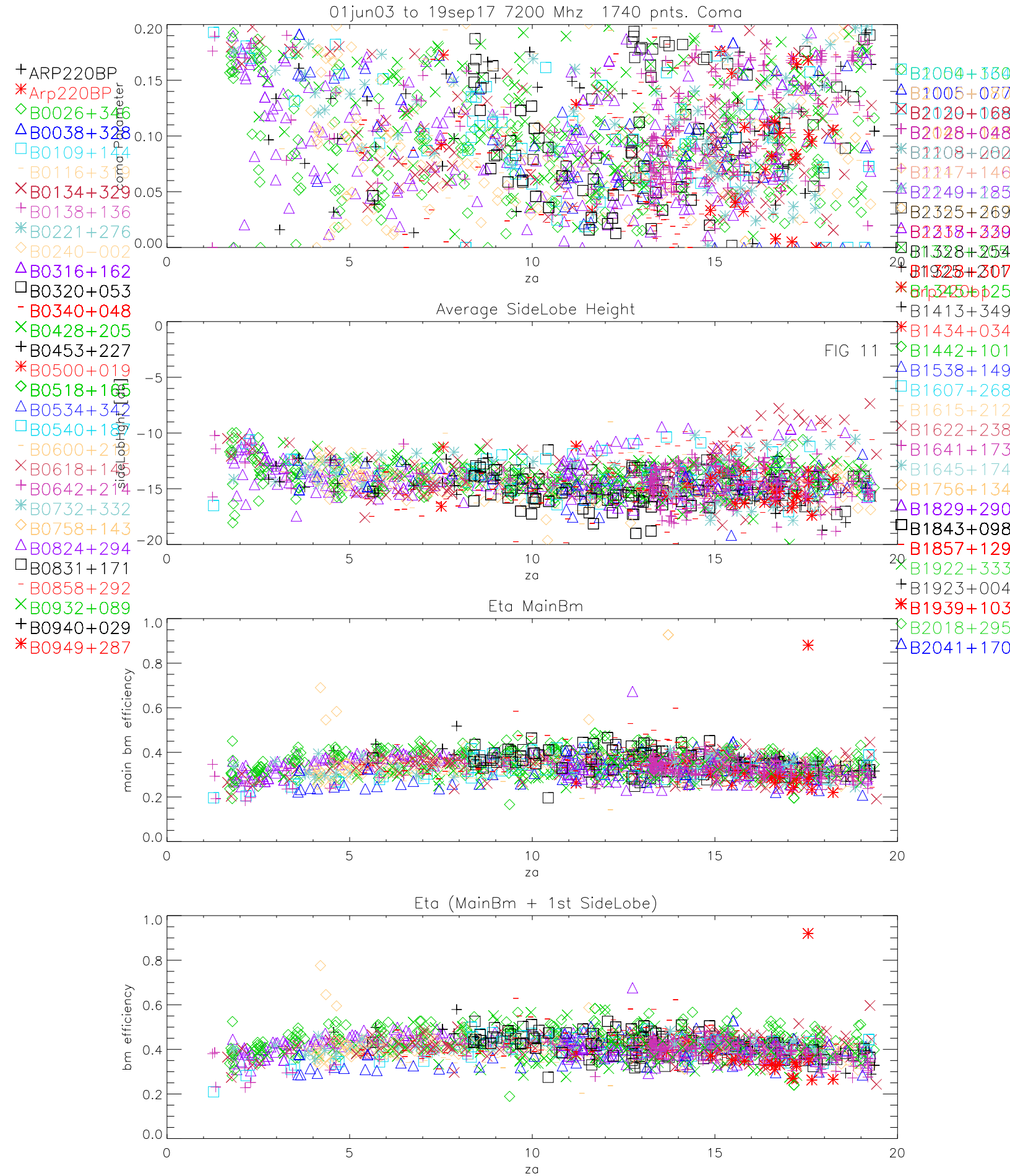
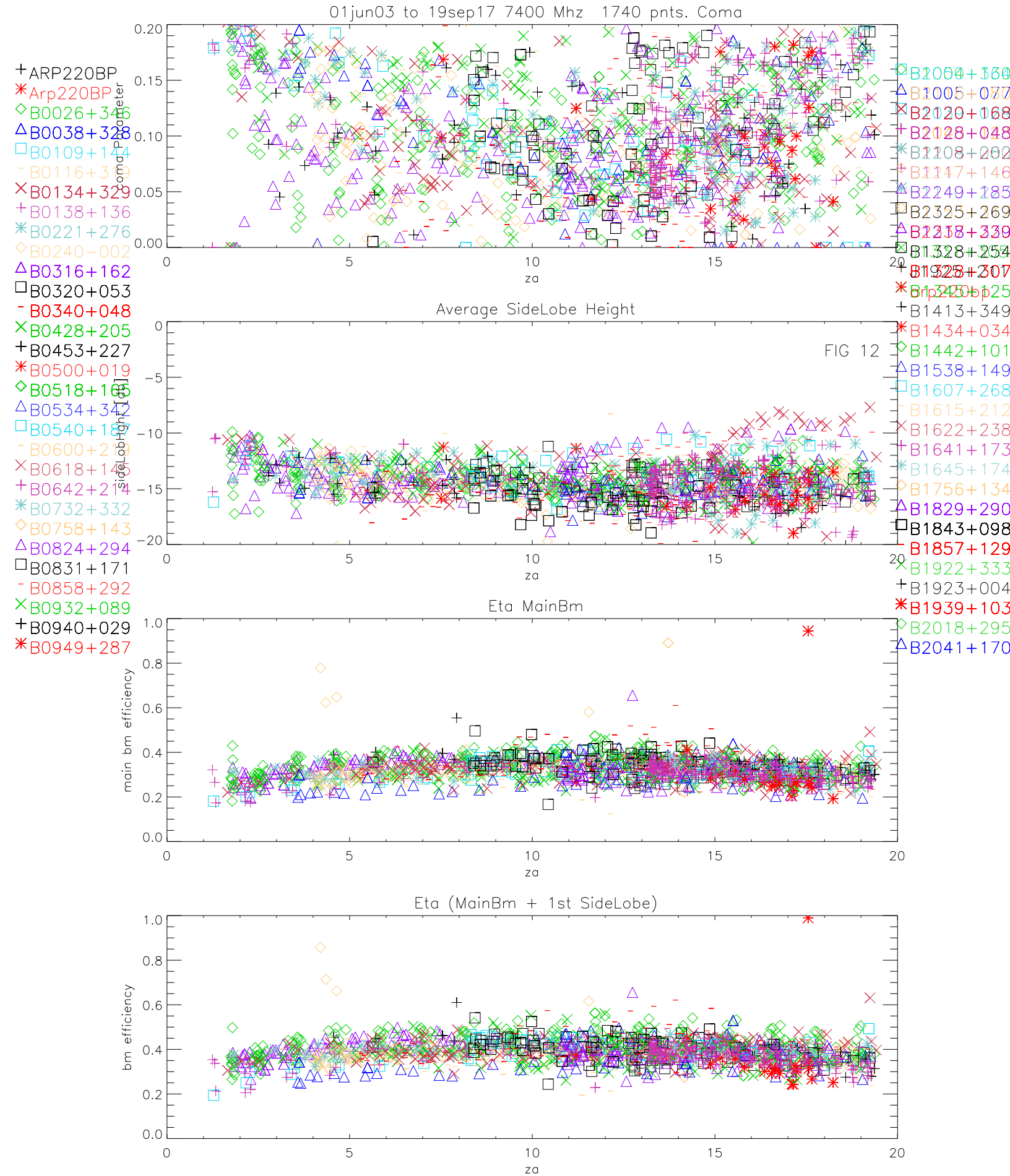

01jun03 to 19sep17 all freq last 2000 pnts. Coma
B0026+346
B0116+319
B0134+329
B0316+162
B0320+053
B0340+048
B0428+205
B0518+165
B0600+219
B1005+077
B1040+123
B1328+307
B1345+125
B1442+101
B1607+268
B1641+173
B1829+289
B1857+129
B1939+105
B2128+048
0.20
0.15
0.10
0.05
0.00
0
5
10
15
20
za
Average SideLobe Height
6650. 6900. 7200. 7400. Mhz
FIG 7
sideLobeHeight
0
−5
−10
−15
−20
Eta MainBm
main bm efficiency
1.0
0.8
0.6
0.4
0.2
0.0
Eta (MainBm + 1st SideLobe)
bm efficiency


01jun03 to 19sep17 6600 Mhz 1100 pnts. Coma
Coma Parameter
za
Average SideLobe Height
sideLobeHgt [dB]
FIG 8
Eta MainBm
main bm efficiency
Eta (MainBm + 1st SideLobe)
bm efficiency
ARP220BP
Arp220BP
B0026+346
B0038+328
B0134+329
B0221+255
B0240−002
B0316+162
B0320+053
B0340+048
B0428+205
B0453+227
B0500+019
B0518+165
B0534+342
B0540+187
B0618+145
B0642+214
B0732+339
B0758+143
B0824+294
B0831+171
B0858+292
B0932+089
B0940+029
B1040+123
B1108+202
B1140+223
B1153+317
B1218+339
B1328+254
B1328+307
B1345+125
B1413+349
B1434+034
B1442+101
B1615+212
B1622+238
B1645+174
B1756+134
B1829+290
B1843+098
B1857+129
B1922+333
B1923+004
B1939+103
B2018+295
B2041+170
B2050+364
B2116+180
B2120+168
B2128+048
B2247+140
B2325+269
B2337+220
J1331+305
J1925+211
arp220bp


01jun03 to 19sep17 6650 Mhz 640 pnts. Coma
Coma Parameter
za
Average SideLobe Height
sideLobHgt [dB]
FIG 9
Eta MainBm
main bm efficiency
Eta (MainBm + 1st SideLobe)
bm efficiency
B0026+346
B0109+14
B0116+31
B0134+329
B0138+136
B0221+25
B0316+162
B0320+053
B0340+048
B0428+205
B0453+227
B0518+165
B0600+219
B0642+214
B0940+029
B0949+287
B1004+13
B1005+07
B1039+02
B1040+12
B1108+20
B1117+14
B1153+317
B1328+307
B1345+125
B1442+101
B1538+149
B1607+268
B1641+173
B1829+290
B1843+098
B1857+129
B1939+103
B2041+170
B2128+048
B2209+080
B2249+185


01jun03 to 19sep17 6900 Mhz 1740 pnts. Coma
Coma Parameter
za
Average SideLobe Height
sideLobHght [dB]
FIG 10
Eta MainBm
main bm efficiency
Eta (MainBm + 1st SideLobe)
bm efficiency
ARP220BP
Arp220BP
B0026+346
B0038+328
B0109+144
B0116+319
B0134+329
B0138+136
B0221+276
B0240-002
B0316+162
B0320+053
B0340+048
B0428+205
B0453+227
B0500+019
B0518+165
B0534+342
B0540+18
B0600+219
B0618+14
B0642+214
B0732+332
B0758+143
B0824+294
B0831+171
B0858+292
B0932+089
B0940+029
B0949+287
B1005+077
B2120+168
B2128+048
B2325+269
B1328+254
B1413+349
B1434+034
B1442+101
B1538+149
B1607+268
B1615+212
B1622+238
B1641+173
B1645+174
B1756+134
B1829+290
B1843+098
B1857+129
B1922+333
B1923+004
B1939+103
B2018+295
B2041+170


01jun03 to 19sep17 7200 Mhz 1740 pnts. Coma
Coma Parameter
za
Average SideLobe Height
FIG 11
sideLobHgt [dB]
Eta MainBm
main bm efficiency
Eta (MainBm + 1st SideLobe)
bm efficiency
ARP220BP
Arp220BP
B0026+346
B0038+328
B0109+144
B0116+319
B0134+329
B0138+136
B0221+276
B0240-002
B0316+162
B0320+053
B0340+048
B0428+205
B0453+227
B0500+019
B0518+165
B0534+342
B0540+18
B0600+219
B0618+14
B0642+214
B0732+332
B0758+143
B0824+294
B0831+171
B0858+292
B0932+089
B0940+029
B0949+287
B1005+077
B2120+168
B2128+048
B2325+269
B1328+254
B1413+349
B1434+034
B1442+101
B1538+149
B1607+268
B1615+212
B1622+238
B1641+173
B1645+174
B1756+134
B1829+290
B1843+098
B1857+129
B1922+333
B1923+004
B1939+103
B2018+295
B2041+170


01jun03 to 19sep17 7400 Mhz 1740 pnts. Coma
Coma Parameter
za
Average SideLobe Height
sideLobHight [dB]
FIG 12
Eta MainBm
main bm efficiency
Eta (MainBm + 1st SideLobe)
bm efficiency
ARP220BP
Arp220BP
B0026+346
B0038+328
B0109+144
B0116+319
B0134+329
B0138+136
B0221+276
B0240-002
B0316+162
B0320+053
B0340+048
B0428+205
B0453+227
B0500+019
B0518+165
B0534+342
B0540+187
B0600+219
B0618+145
B0642+214
B0732+332
B0758+143
B0824+294
B0831+171
B0858+292
B0932+089
B0940+029
B0949+287
B1005+077
B2120+168
B2128+048
B2325+269
B1328+254
B1413+349
B1434+034
B1442+101
B1538+149
B1607+268
B1615+212
B1622+238
B1641+173
B1645+174
B1756+134
B1829+290
B1843+098
B1857+129
B1922+333
B1923+004
B1939+103
B2018+295
B2041+170