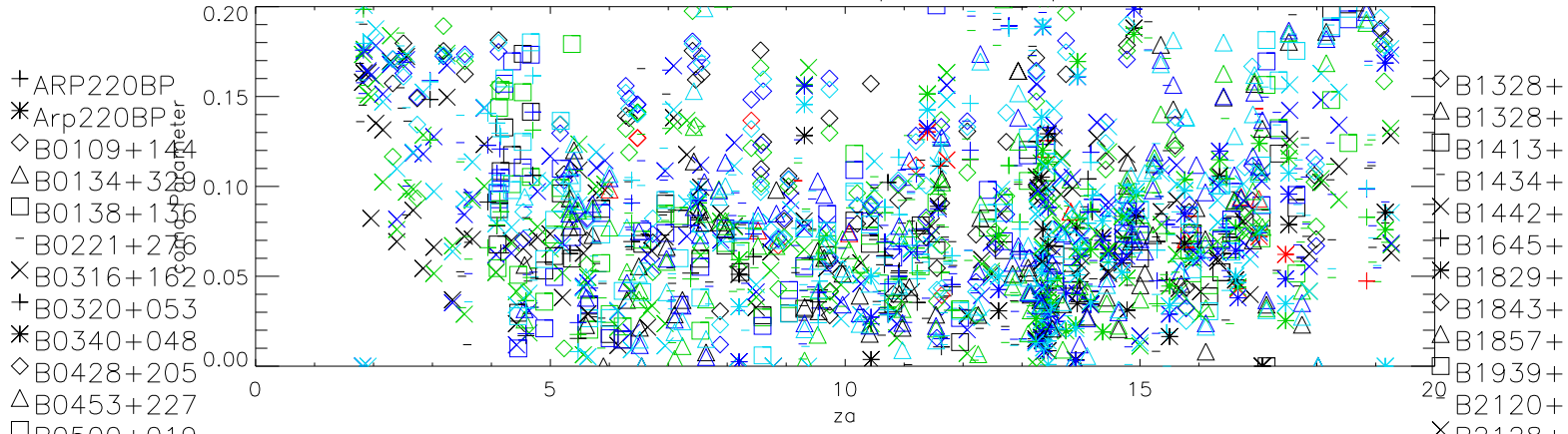


14feb04 to 31mar12 all freq last 2000 pnts. Coma



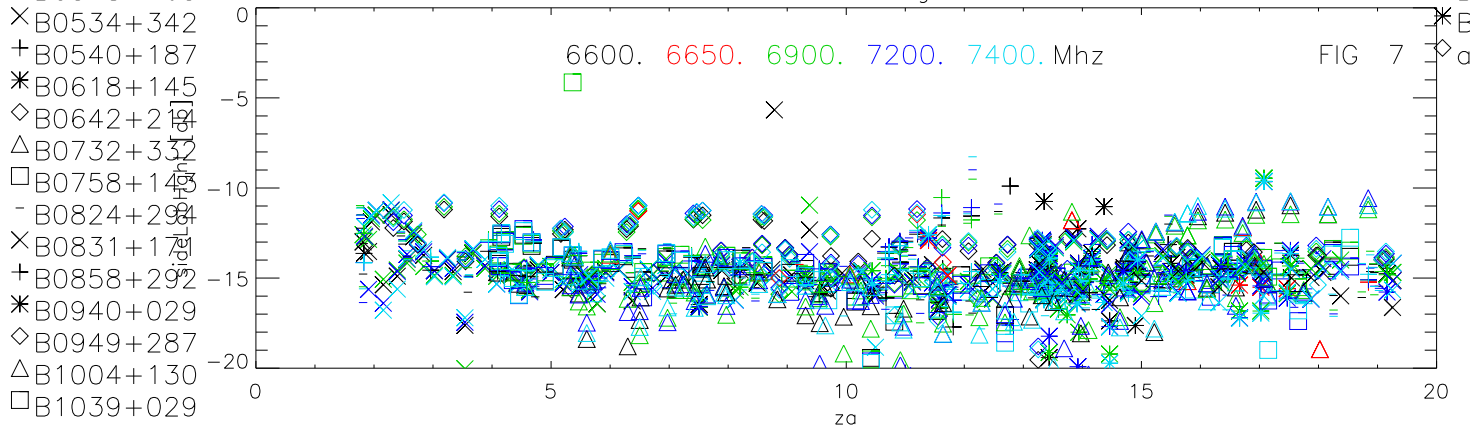
- + ARP220BP
- * Arp220BP
- ◇ B0109+144
- △ B0134+328
- B0138+136
- B0221+276
- × B0316+162
- + B0320+053
- * B0340+048
- ◇ B0428+205
- △ B0453+227
- B0500+019
- B0518+165
- × B0534+342
- + B0540+187
- * B0618+145
- ◇ B0642+219
- △ B0732+332
- B0758+145
- B0824+294
- × B0831+174
- + B0858+292
- * B0940+029
- ◇ B0949+287
- △ B1004+130
- B1039+029
- B1040+123
- × B1117+146
- + B1153+317
- * B1218+339

- ◇ B1328+
- △ B1328+
- B1413+
- B1434+
- × B1442+
- + B1645+
- * B1829+
- ◇ B1843+
- △ B1857+
- B1939+
- B2120+
- × B2128+
- + B2247+
- * B2249+
- ◇ arp220b

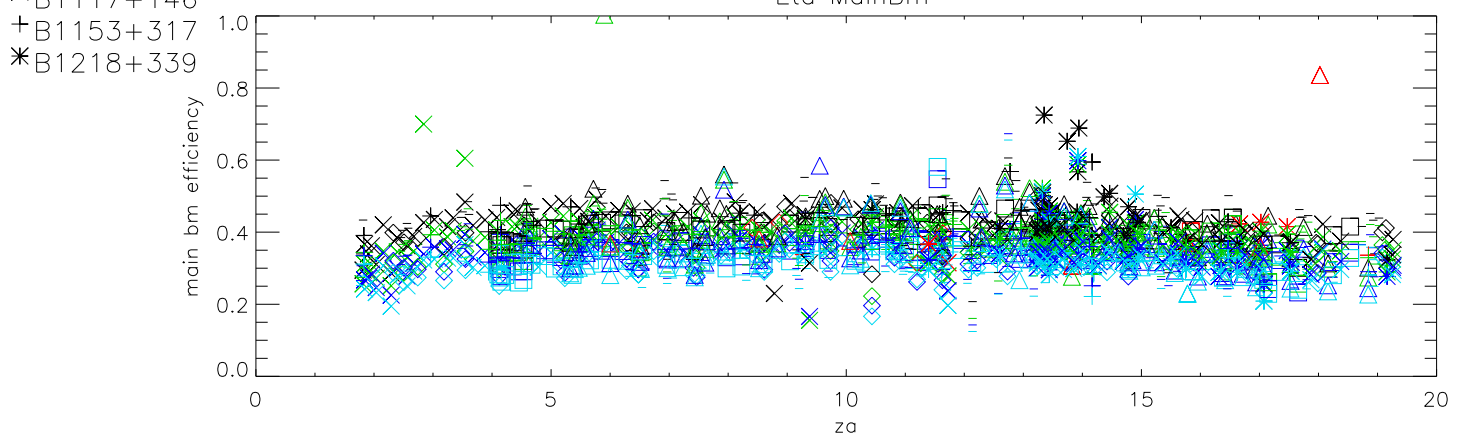
SideLobe Height

6600. 6650. 6900. 7200. 7400. Mhz

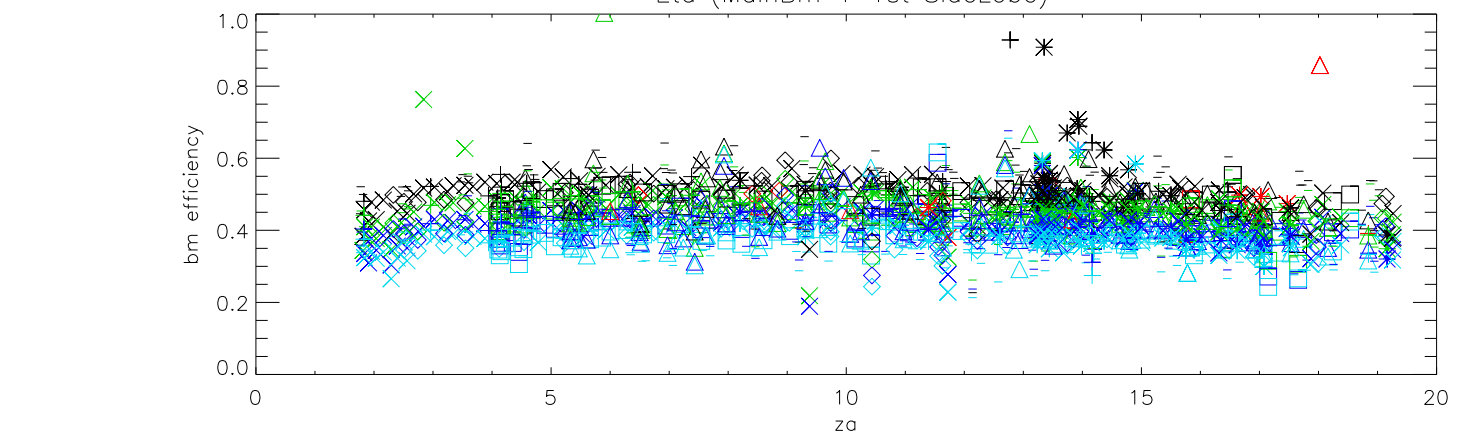
FIG 7



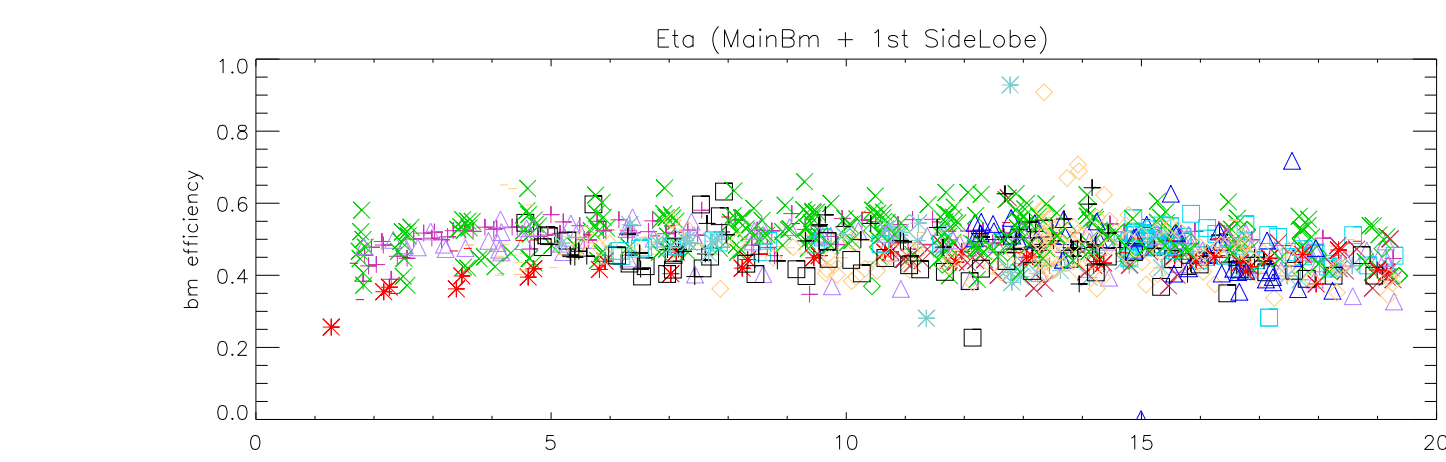
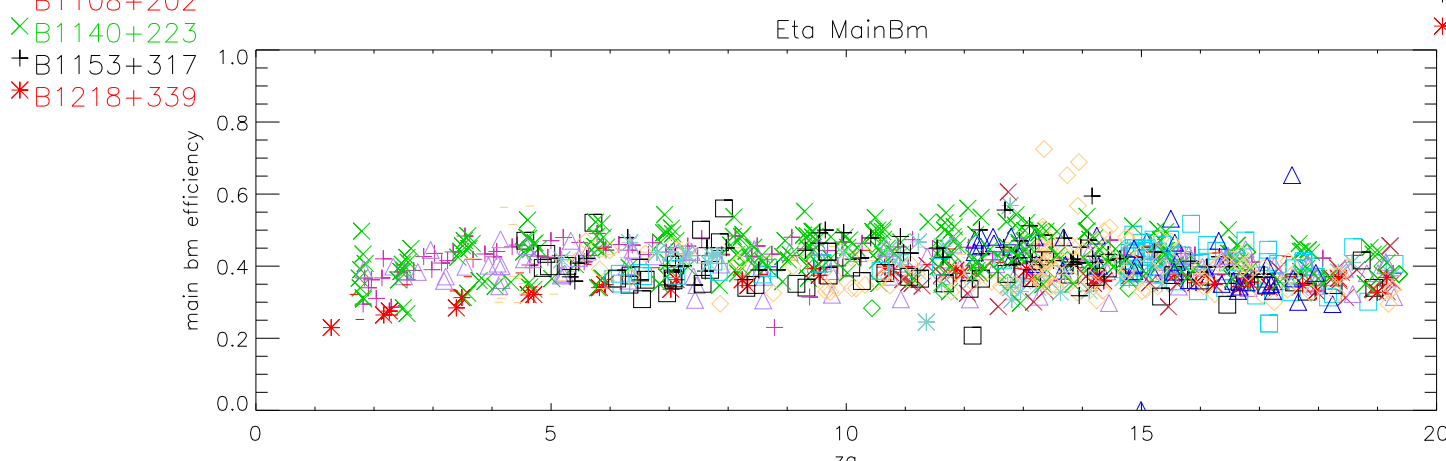
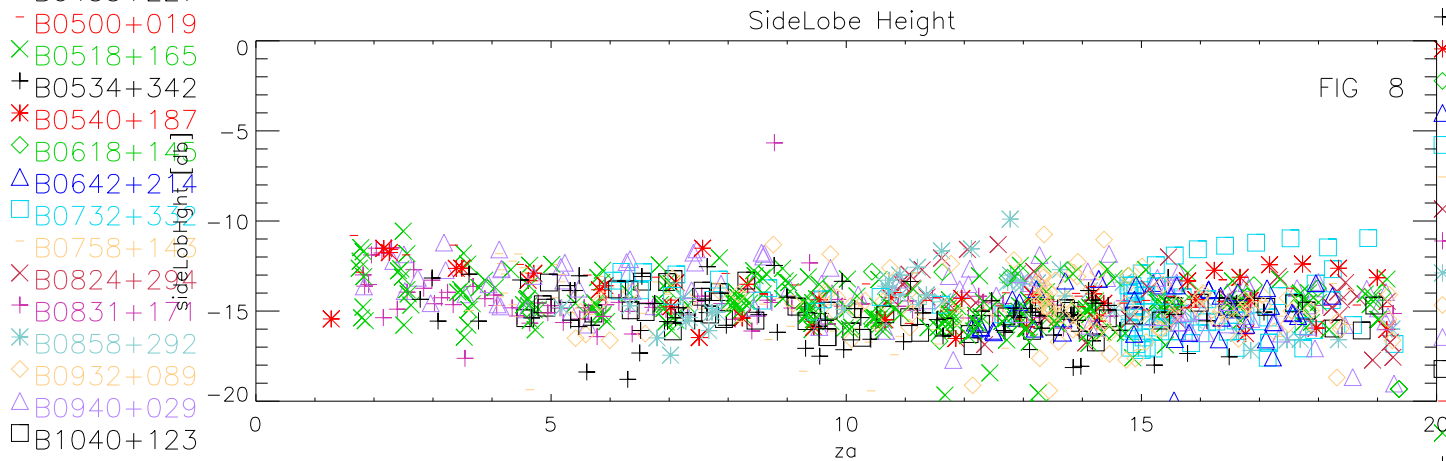
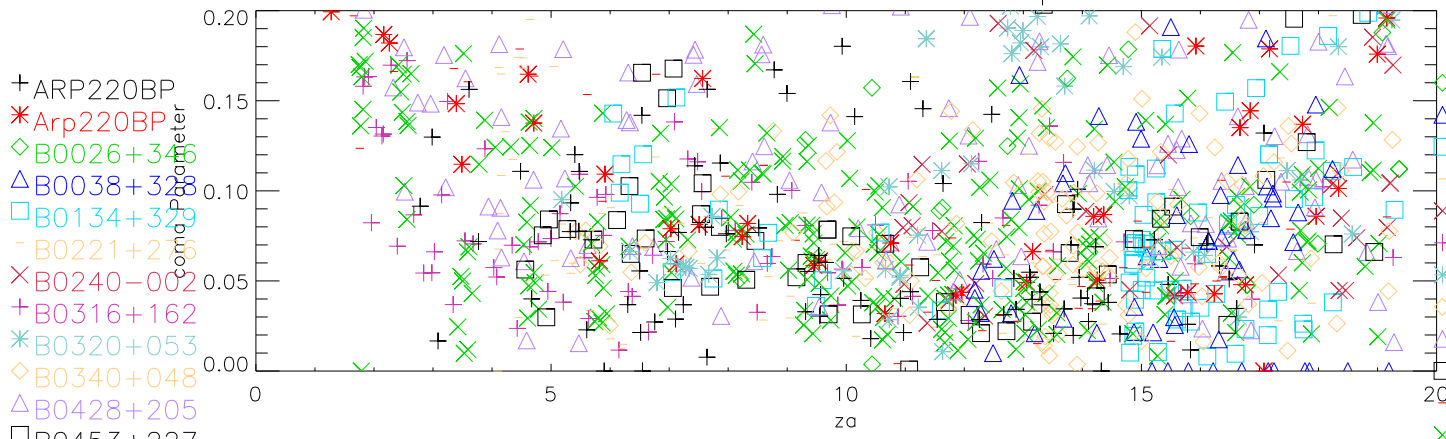
Eta MainBm



Eta (MainBm + 1st SideLobe)



14feb04 to 31mar12 6600 Mhz 1100 pnts. Coma

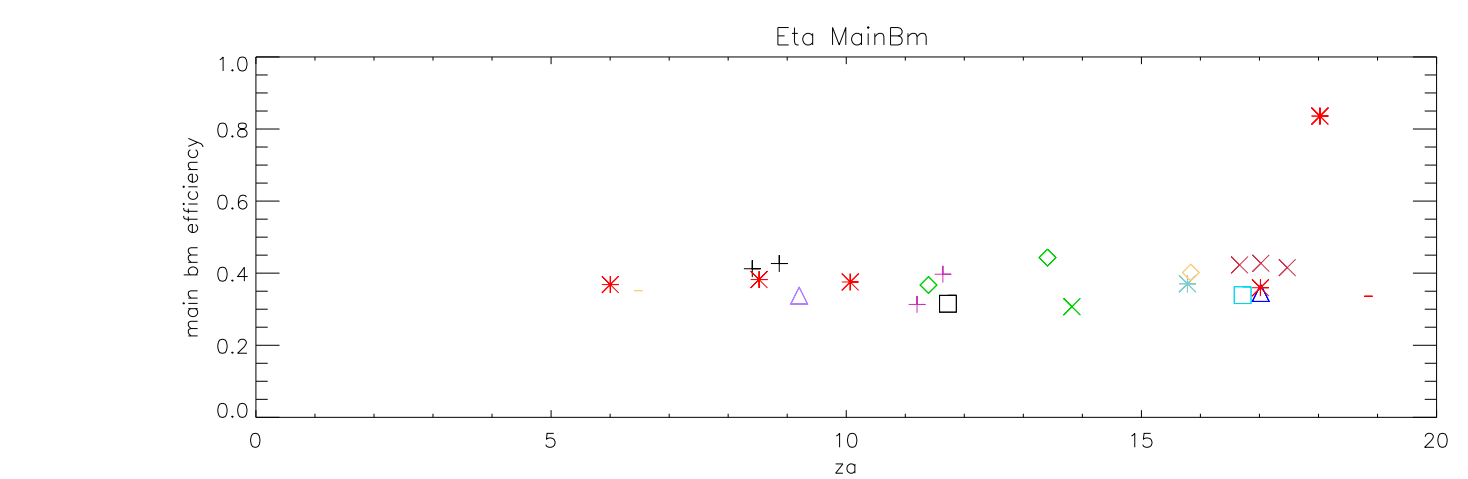
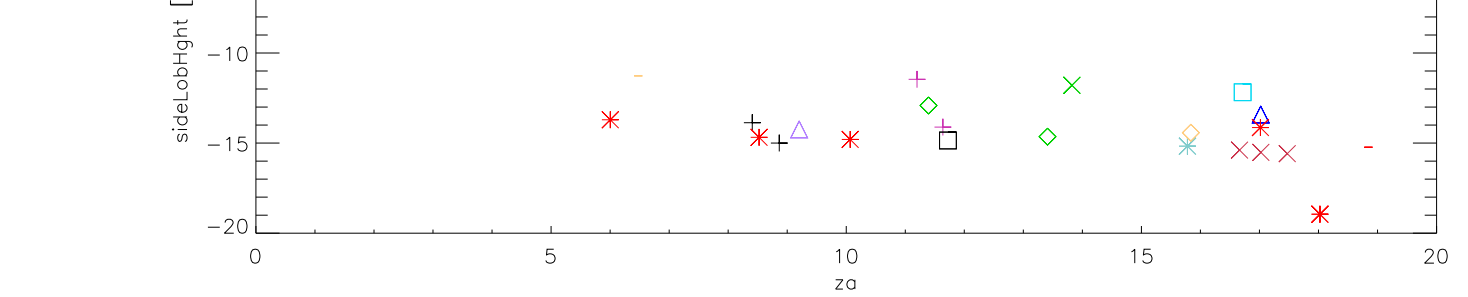
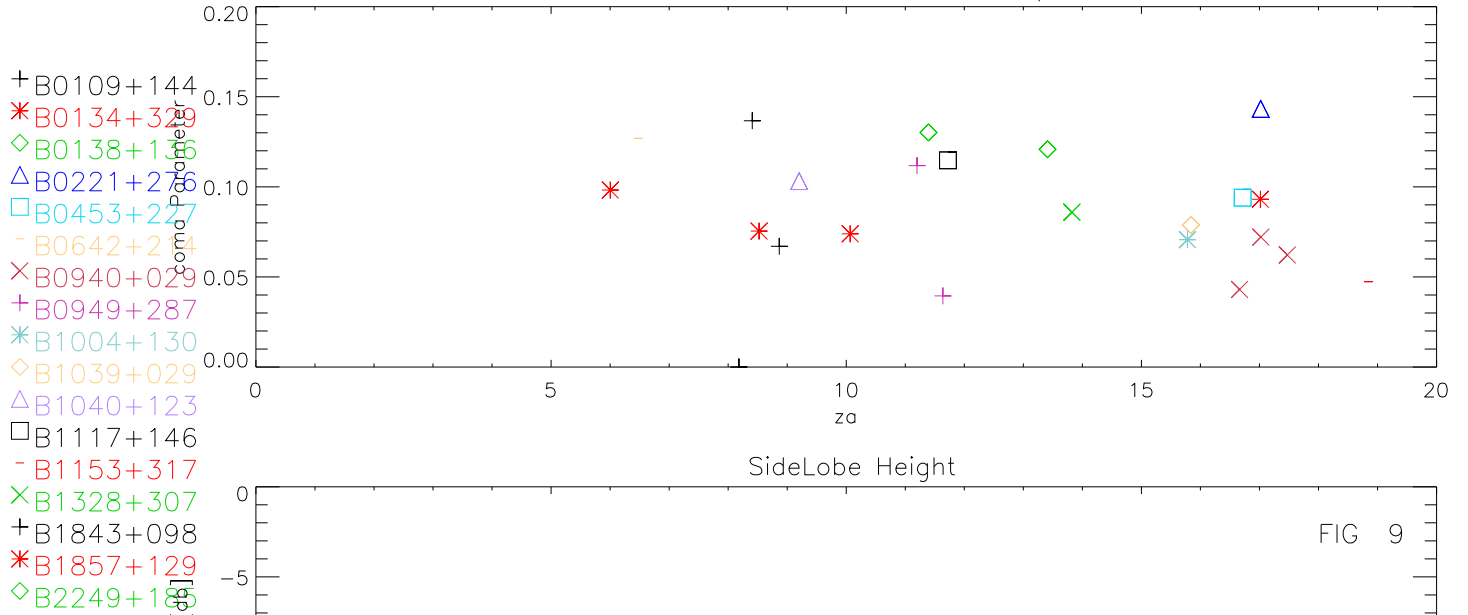


- + ARP220BP
- * Arp220BP
- ◇ B0026+346
- △ B0038+328
- B0134+329
- B0221+205
- × B0240-002
- + B0316+162
- * B0320+053
- ◇ B0340+048
- △ B0428+205
- B0453+227
- B0500+019
- × B0518+165
- + B0534+342
- * B0540+187
- ◇ B0618+145
- △ B0642+214
- B0732+332
- B0758+145
- × B0824+204
- + B0831+177
- * B0858+292
- ◇ B0932+089
- △ B0940+029
- B1040+123
- B1108+202
- × B1140+223
- + B1153+317
- * B1218+339

FIG 8

- ◇ B1328+346
- △ B1328+346
- B1345+329
- B1413+346
- × B1434+346
- + B1442+346
- * B1615+346
- ◇ B1622+346
- △ B1645+346
- B1756+346
- B1829+346
- × B1843+346
- + B1857+346
- * B1922+346
- ◇ B1923+346
- △ B1939+346
- B2018+346
- B2041+346
- × B2050+346
- + B2116+346
- * B2120+346
- ◇ B2128+346
- △ B2247+346
- B2325+346
- B2337+346
- × J1331+346
- + J1925+346
- * arp220b

14feb04 to 31mar12 6650 Mhz 24 pnts. Coma



14feb04 to 31mar12 6900 Mhz 1124 pnts. Coma

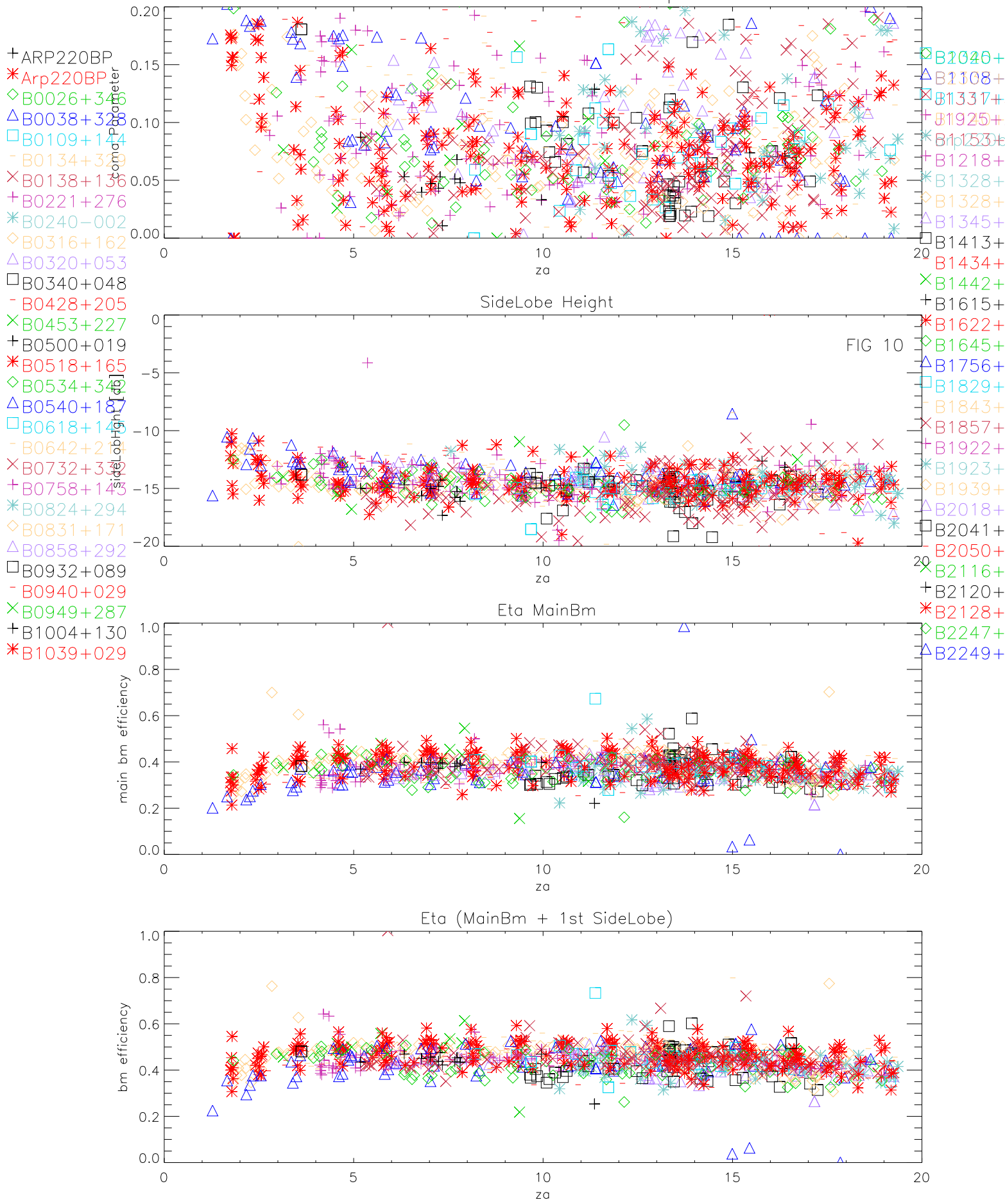
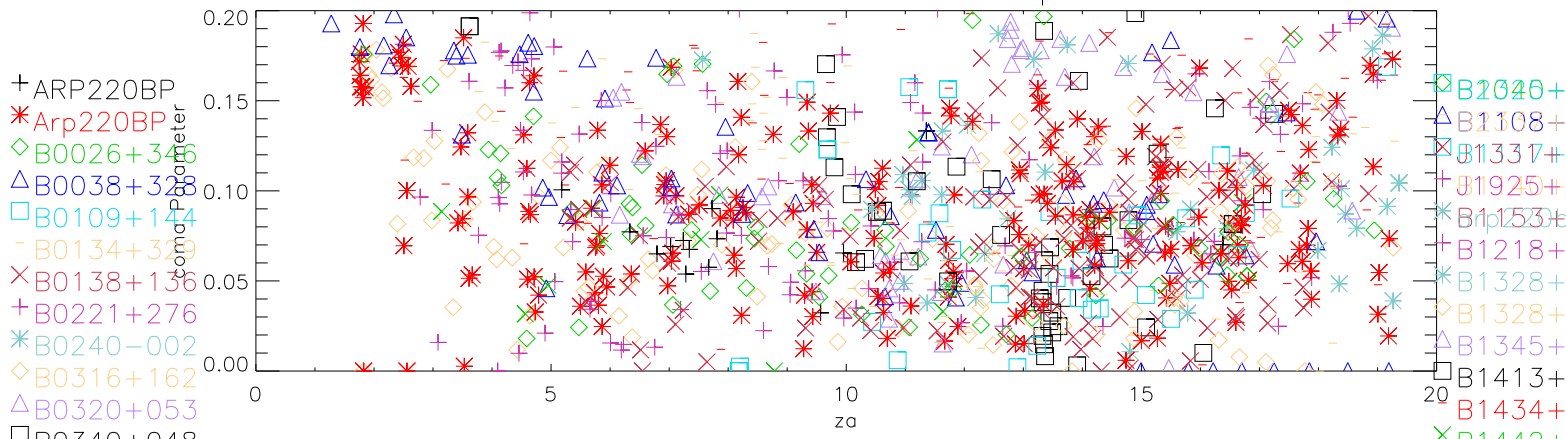


FIG 10

14feb04 to 31mar12 7200 Mhz 1124 pnts. Coma



SideLobe Height

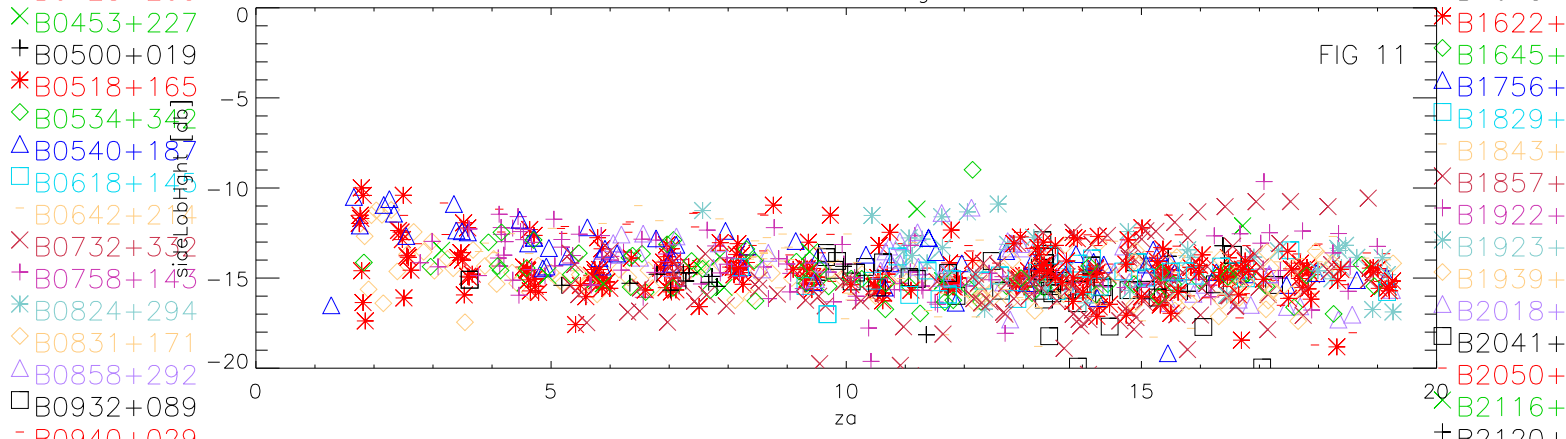
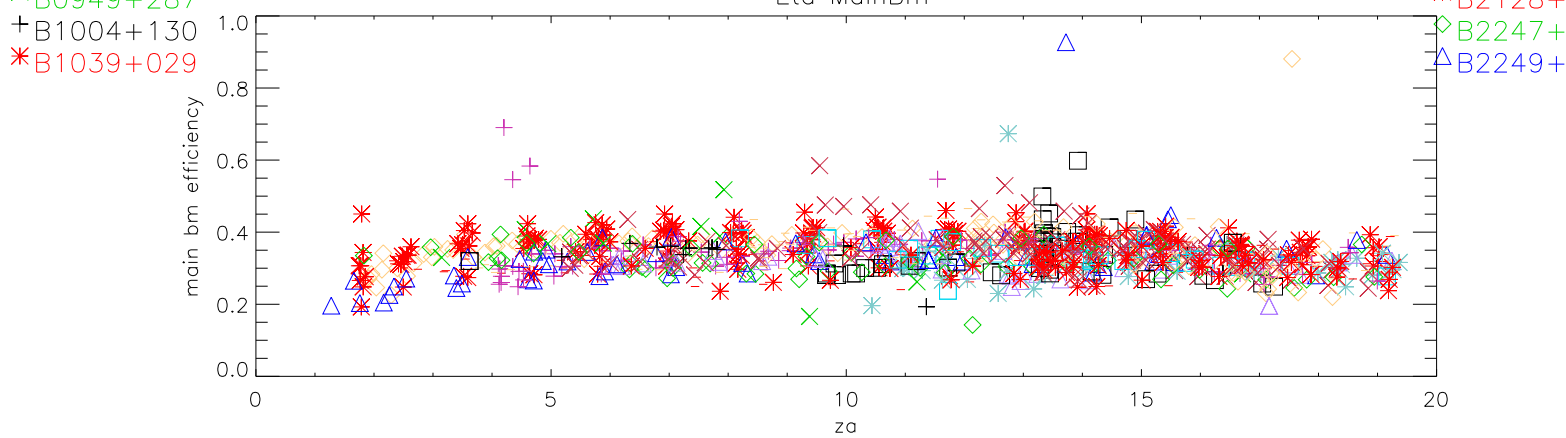
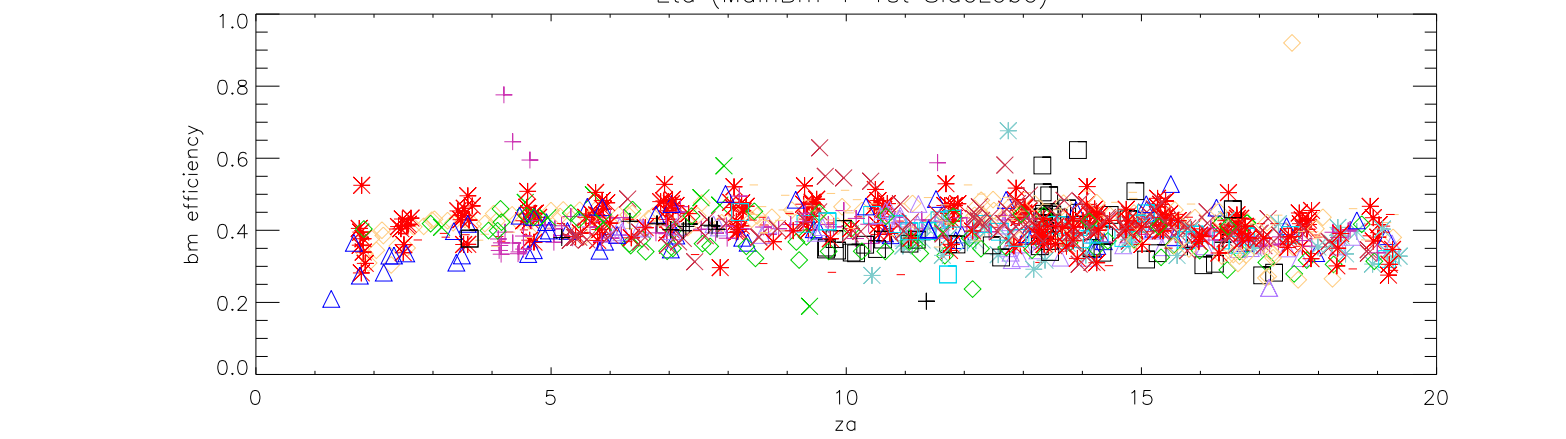


FIG 11

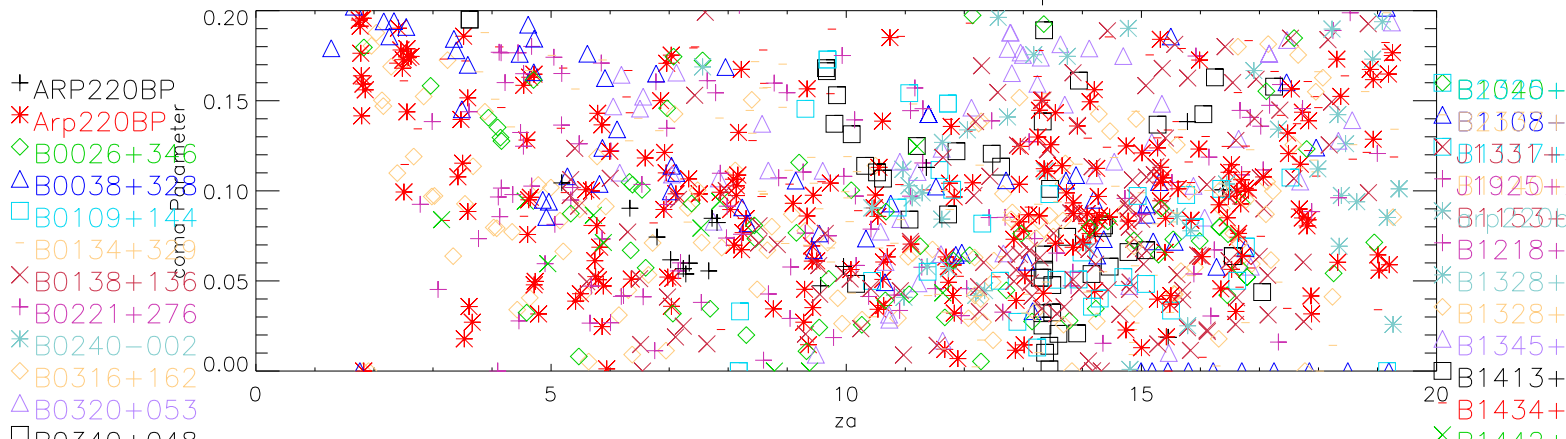
Eta MainBm



Eta (MainBm + 1st SideLobe)



14feb04 to 31mar12 7400 Mhz 1124 pnts. Coma



- + ARP220BP
- * Arp220BP
- ◇ B0026+346
- △ B0038+328
- B0109+144
- 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
- B0618+146
- B0642+200
- × B0732+342
- + B0758+145
- * B0824+294
- ◇ B0831+171
- △ B0858+292
- B0932+089
- B0940+029
- × B0949+287
- + B1004+130
- * B1039+029

- B2040+
- B1108+
- B1337+
- B1925+
- B1530+
- B1218+
- B1328+
- B1328+
- B1345+
- B1413+
- B1434+
- B1442+
- B1615+
- B1622+
- B1645+
- B1756+
- B1829+
- B1843+
- B1857+
- B1922+
- B1923+
- B1939+
- B2018+
- B2041+
- B2050+
- B2116+
- B2120+
- B2128+
- B2247+
- B2249+

SideLobe Height

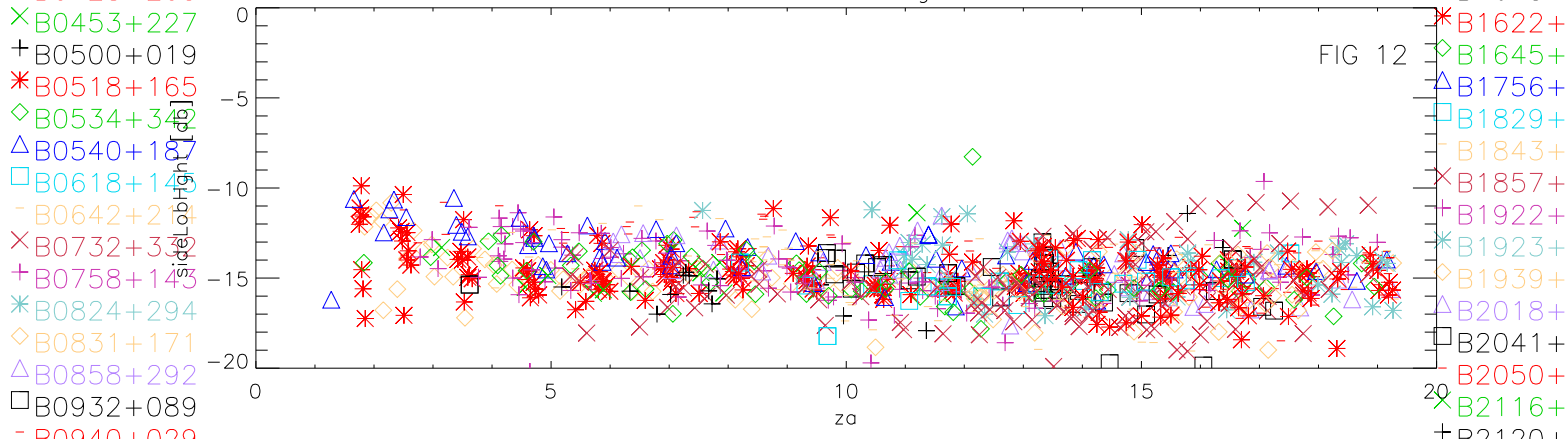
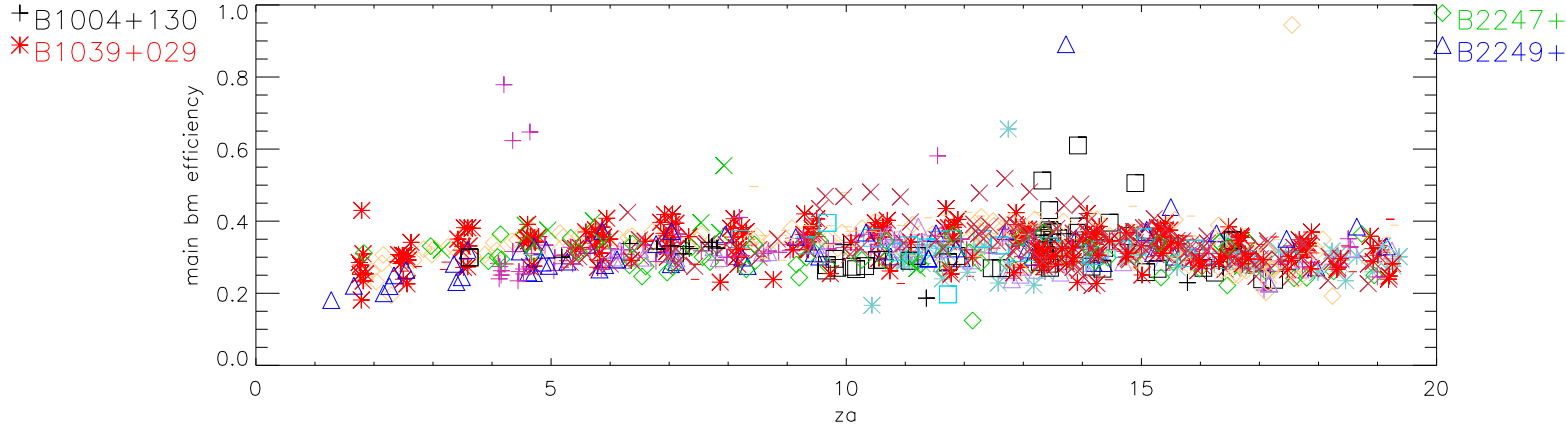


FIG 12

Eta MainBm



Eta (MainBm + 1st SideLobe)

