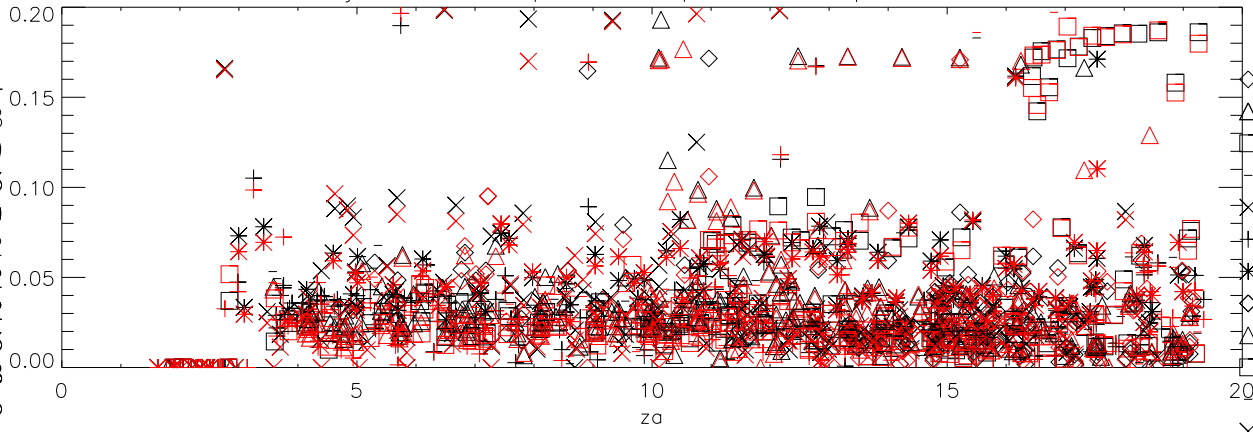


01jun03 to 19sep17 all freq last 2000 pnts. Coma



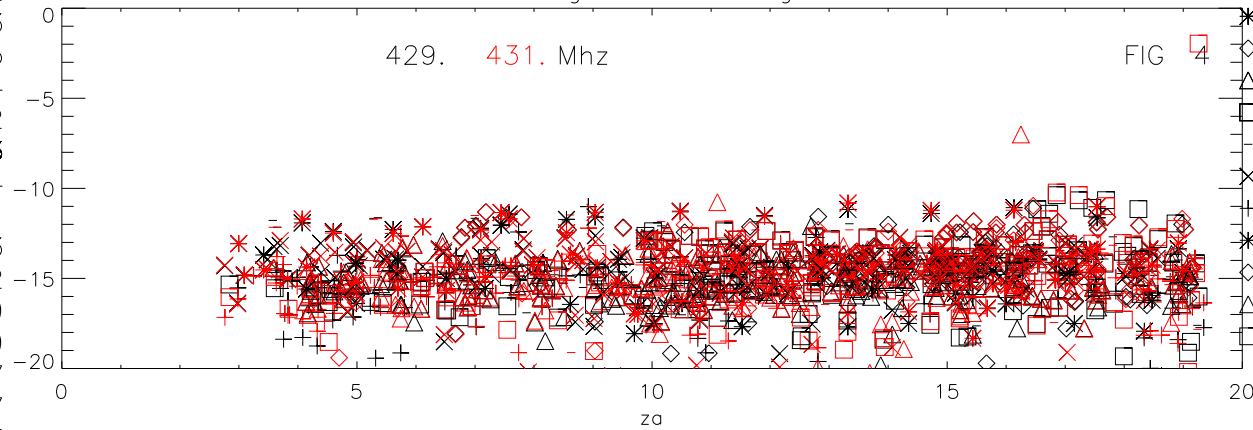
- + B0017+154
- * B0038+328
- ◇ B0123+328
- △ B0127+253
- B0134+329
- B0240-002
- × B0300+162
- + B0316+162
- * B0320+053
- ◇ B0340+048
- △ B0518+165
- B0521+281
- B0534+342
- × B0606+163
- + B0618+145
- * B0642+214
- ◇ B0732+332
- △ B0758+143
- B0824+294
- B0831+171
- × B0838+145
- + B0858+292
- * B0932+089
- ◇ B0940+029
- △ B0949+287
- B1005+077
- B1040+123
- × B1117+146
- + B1140+223
- * B1312+210

- ◇ B1328+254
- △ B1328+307
- B1345+125
- × B1442+101
- + B1535+139
- B1638+124
- * B1641+173
- ◇ B1645+174
- △ B1756+134
- B1829+290
- × B1922+333
- + B2018+295
- * B2050+364
- ◇ B2120+168
- △ B2128+048
- B2209+080
- B2249+185
- × B2314+038
- + B2325+269
- * B2329+296
- ◇ B2337+220
- △ B2338+132
- J0659+082
- × J1215+348

Average SideLobe Height

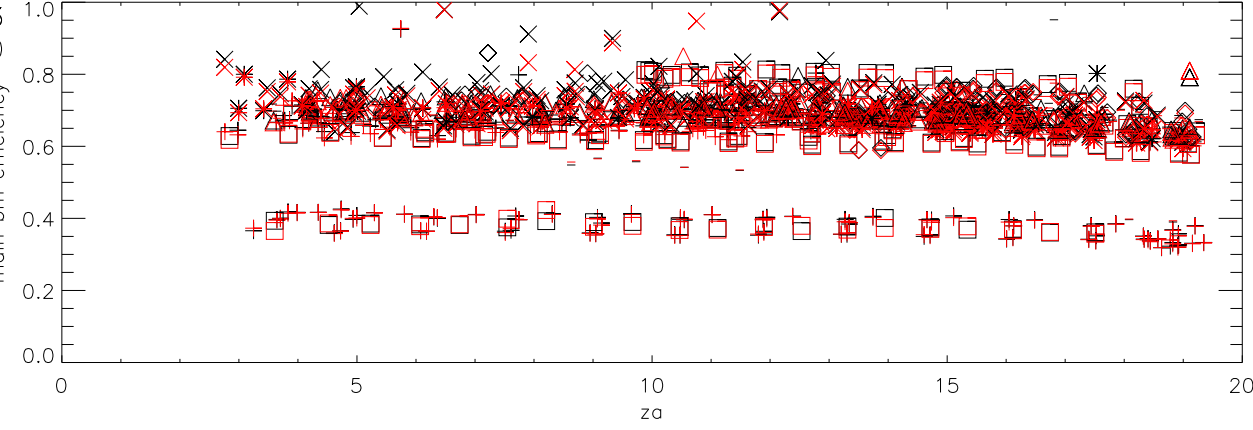
429. 431. Mhz

FIG 4



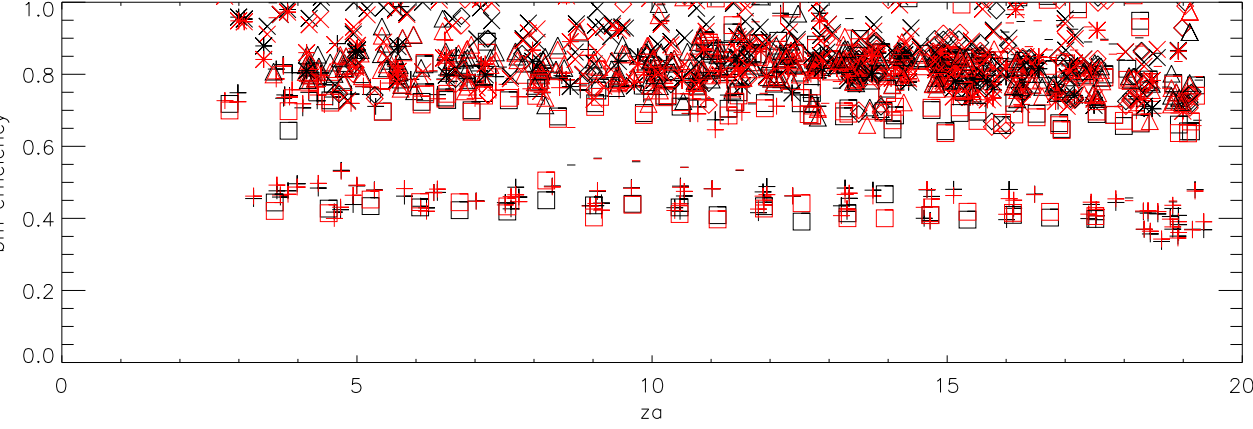
main bm efficiency

Eta MainBm



bm efficiency

Eta (MainBm + 1st SideLobe)



01jun03 to 19sep17 429 Mhz 1474 pnts. Coma

- + B0010+005
- * B0017+154
- ◇ B0038+328
- △ B0106+160
- B0123+329
- B0127+205
- × B0134+329
- + B0221+276
- * B0231+313
- ◇ B0240-002
- △ B0300+162
- B0316+162
- B0320+053
- × B0340+048
- + B0518+165
- * B0521+281
- ◇ B0534+348
- △ B0606+101
- B0618+148
- B0640+205
- × B0642+205
- + B0732+332
- * B0758+143
- ◇ B0824+294
- △ B0831+171
- B0838+133
- B0858+292
- × B0932+089
- + B0940+029
- * B0949+287

- ◇ B1005+077
- △ B1040+123
- B1117+146
- B1140+223
- × B1312+210
- + B1328+254
- * B1328+307
- ◇ B1345+125
- △ B1442+101
- B1535+139
- B1622+238
- × B1638+124
- + B1641+173
- * B1645+174
- ◇ B1756+134
- △ B1829+290
- B1922+333
- B2018+295
- × B2050+364
- + B2120+168
- * B2121+248
- ◇ B2128+048
- △ B2209+080
- B2249+185
- B2314+038
- × B2325+269
- + B2329+296
- * B2337+220
- ◇ B2338+132
- △ J1215+348

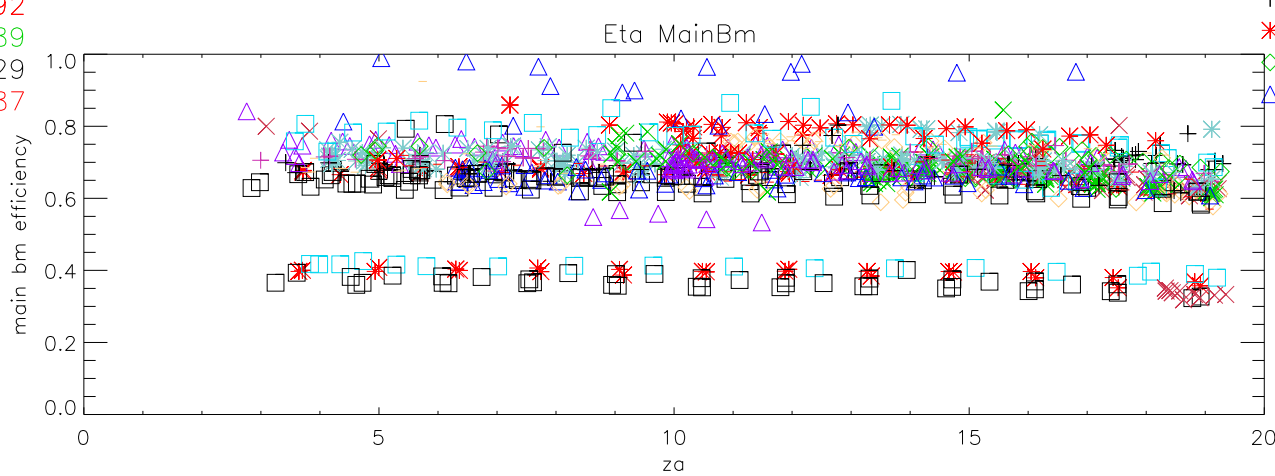
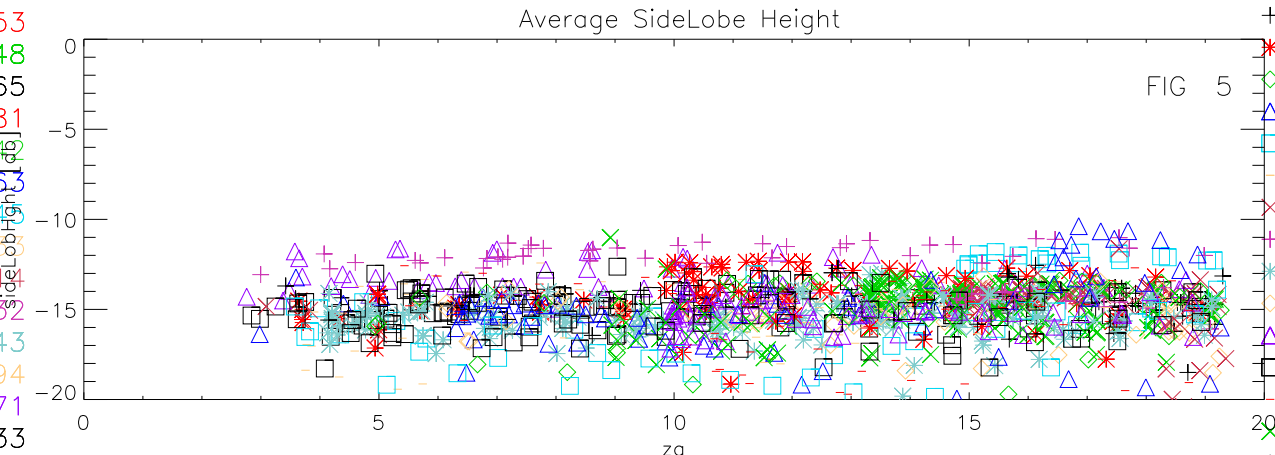
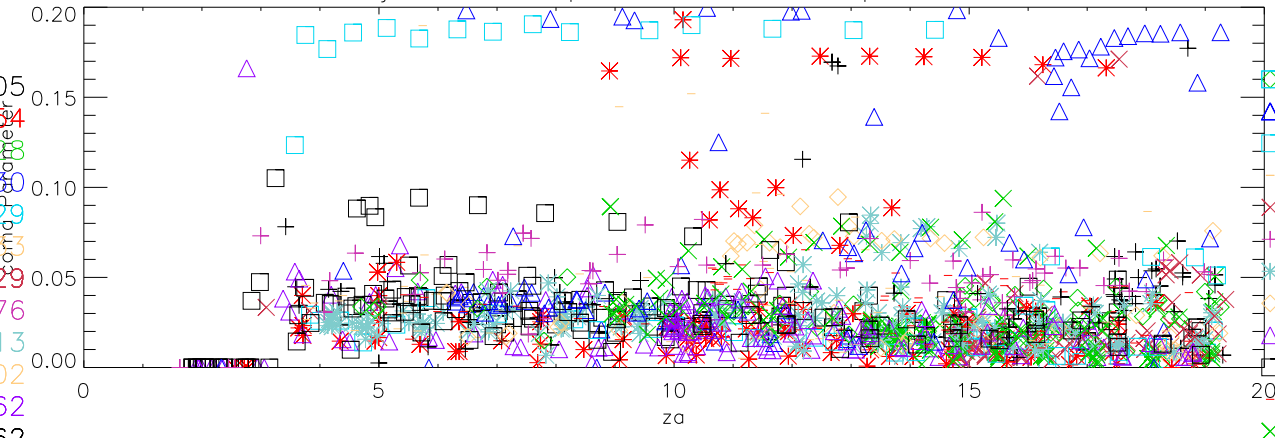


FIG 5

01jun03 to 19sep17 431 Mhz 1472 pnts. Coma

- + B0010+005
- * B0017+154
- ◇ B0038+328
- △ B0106+100
- B0123+329
- B0127+205
- × B0134+329
- + B0221+276
- * B0231+313
- ◇ B0240-002
- △ B0300+162
- B0316+162
- B0320+053
- × B0340+048
- + B0518+165
- * B0521+281
- ◇ B0534+340
- △ B0606+100
- B0618+140
- B0640+200
- × B0642+200
- + B0732+332
- * B0758+143
- ◇ B0824+294
- △ B0831+171
- B0838+133
- B0858+292
- × B0932+089
- + B0940+029
- * B0949+287

- ◇ B1005+078
- △ B1040+123
- B1117+146
- B1140+223
- × B1312+210
- + B1328+254
- * B1328+307
- ◇ B1345+125
- △ B1442+101
- B1535+139
- B1622+238
- × B1638+124
- + B1641+173
- * B1645+174
- ◇ B1756+134
- △ B1829+290
- B1922+333
- B2018+295
- × B2050+364
- + B2120+168
- * B2121+248
- ◇ B2128+048
- △ B2209+080
- B2249+185
- B2314+038
- × B2325+269
- + B2329+296
- * B2337+220
- ◇ B2338+132
- △ J0659+082

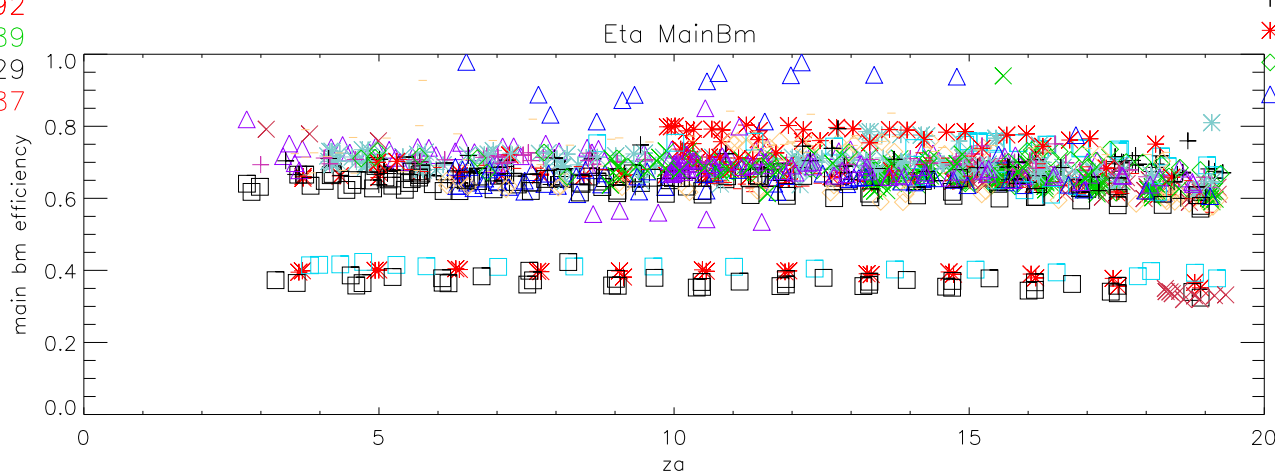
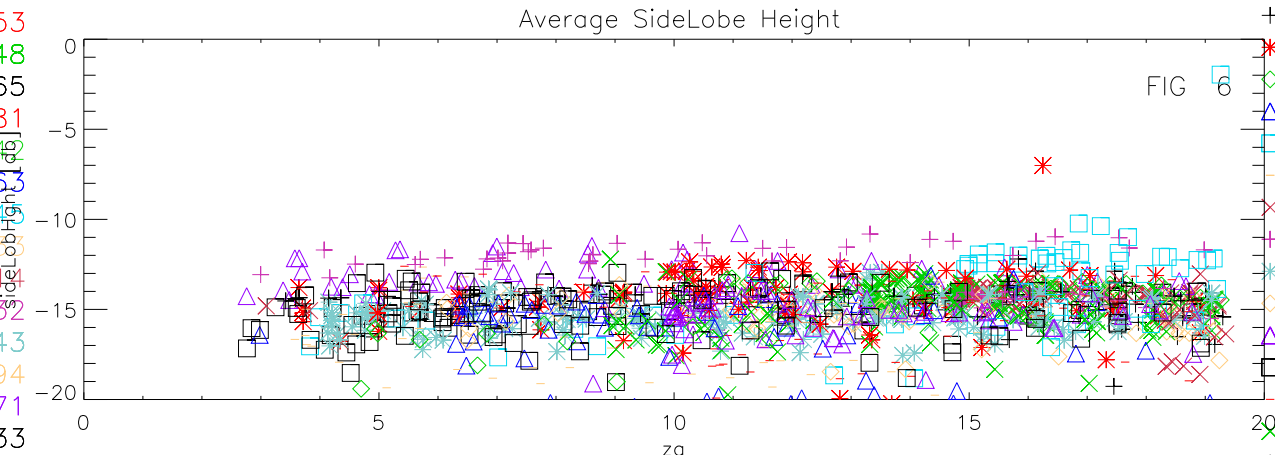
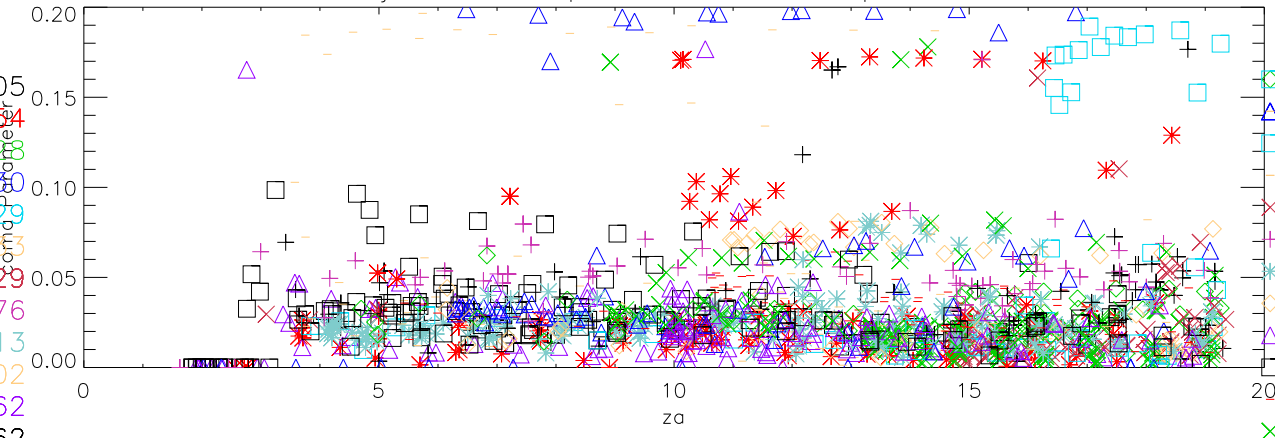


FIG 6