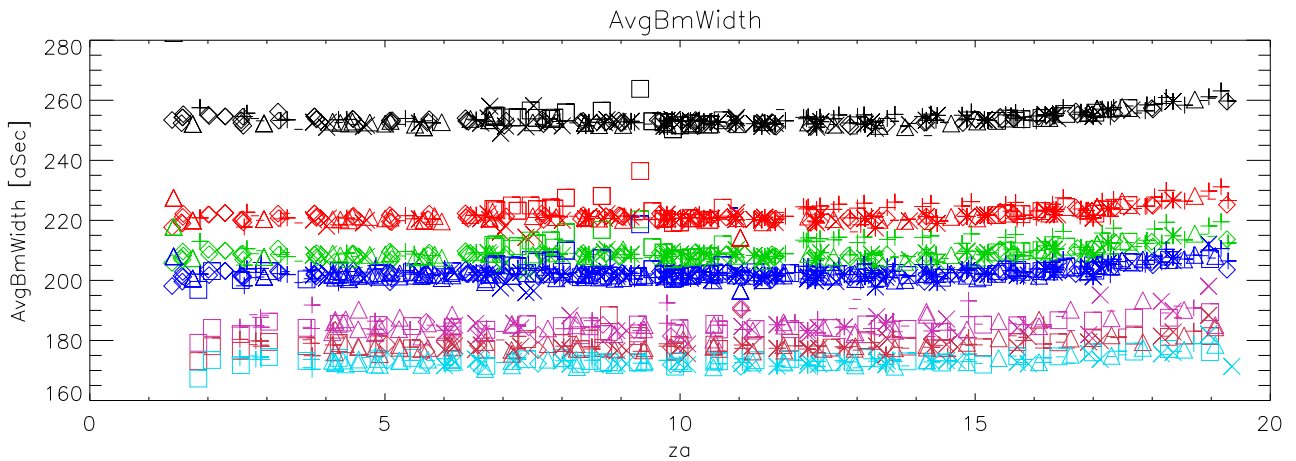
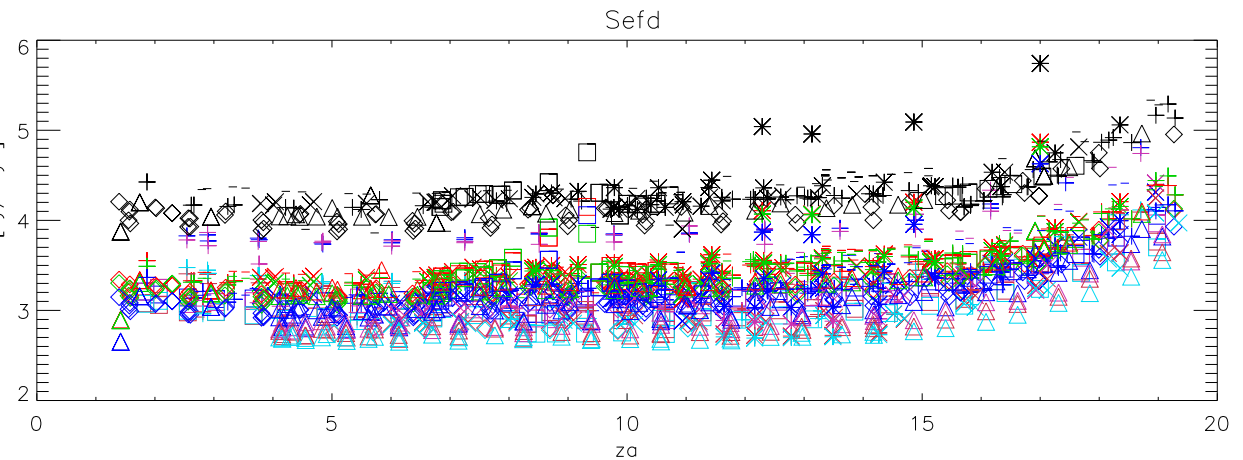
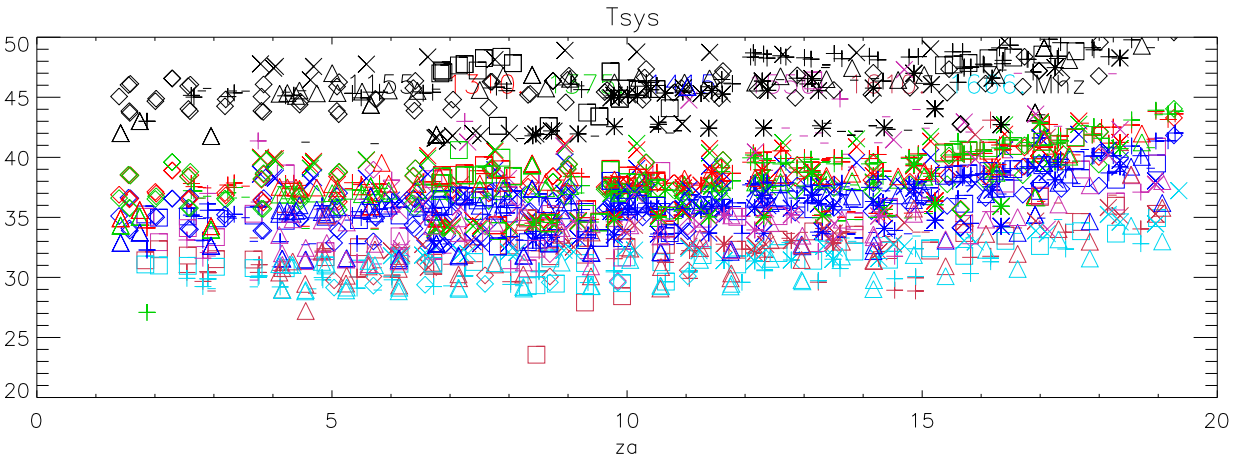
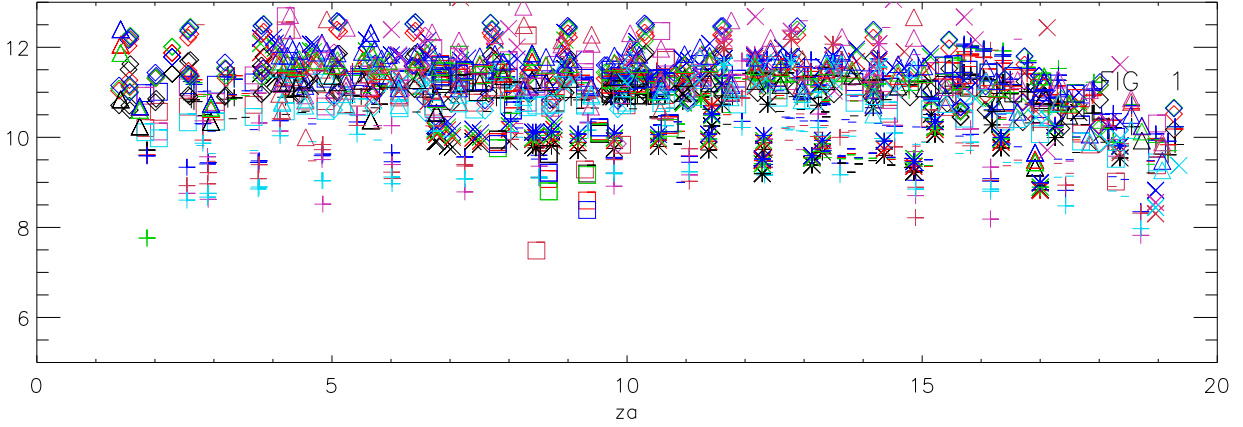


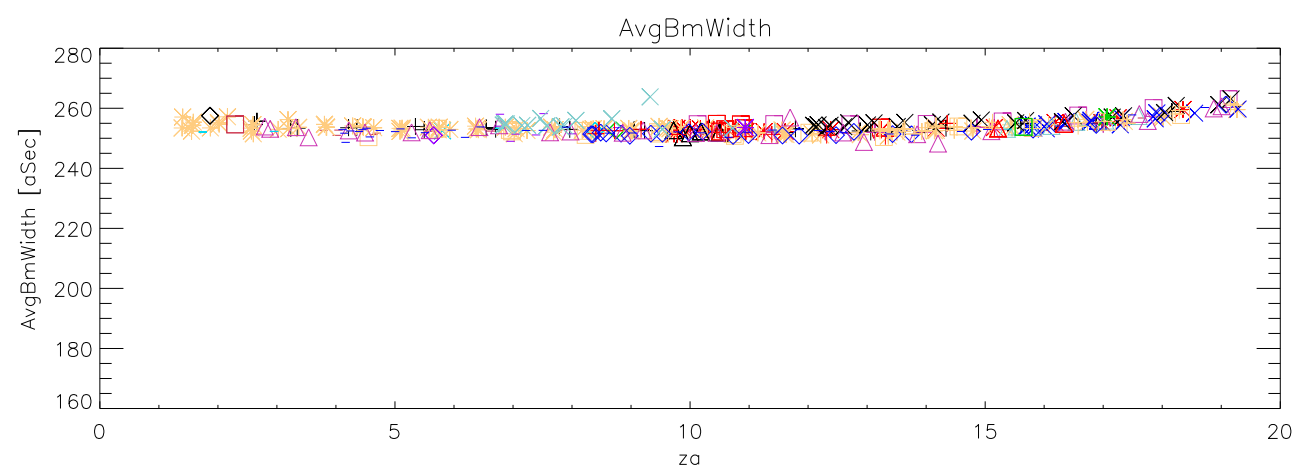
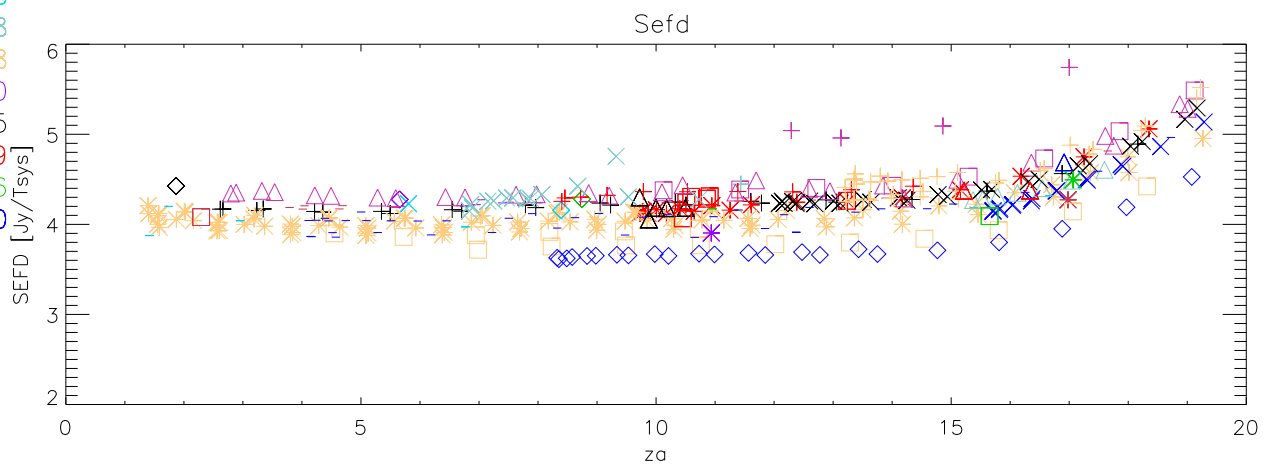
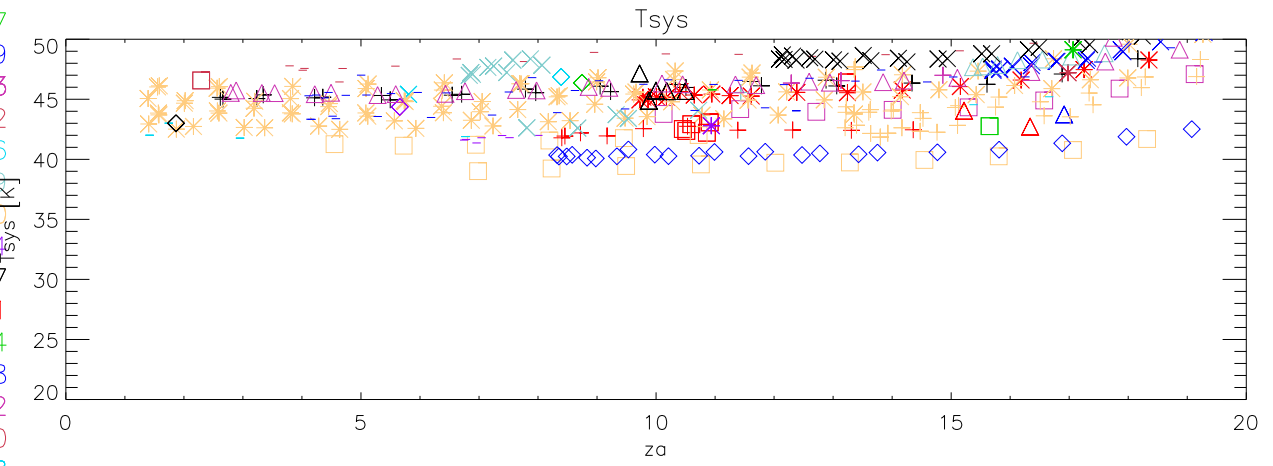
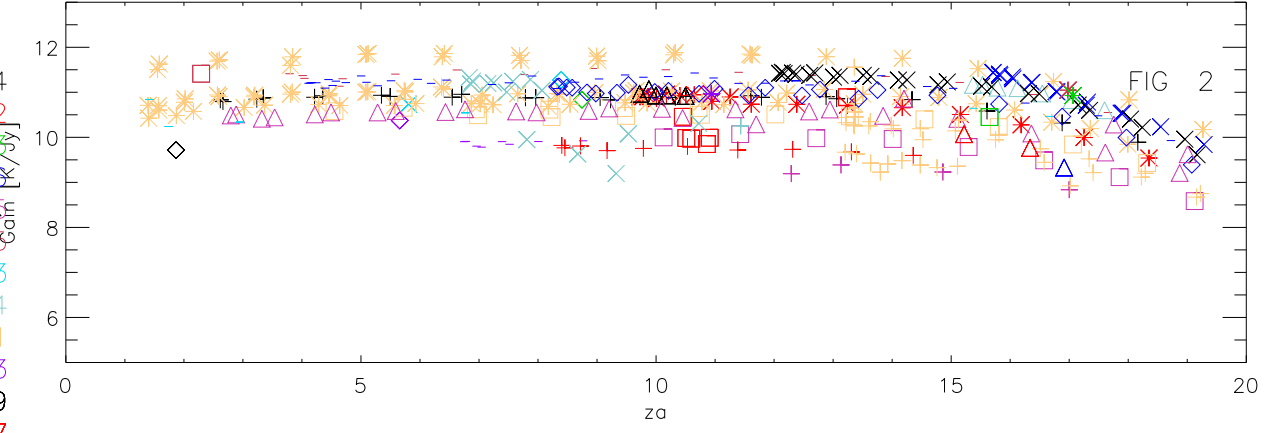
01jun03 to 19sep17 all freq last 2000 pnts. Gain K/Jy

- + B0017+154
- * B0116+082
- ◇ B0127+23
- △ B0138+13
- B0316+16
- B0320+05
- × B0618+145
- + B0758+143
- * B0824+294
- ◇ B0831+171
- △ B0838+133
- B0932+089
- B0949+287
- × B1005+077
- + B1039+029
- * B1040+123
- ◇ B1108+202
- △ B1117+14
- B1218+33
- B1312+21
- × B1328+254
- + B1328+307
- * B1442+101
- ◇ B1535+139
- △ B1602+014
- B1607+268
- B1615+212
- × B1638+124
- + B1645+174
- * B1829+290
- ◇ B2116+180
- △ B2120+168
- B2121+248
- B2128+048
- × B2209+080
- + B2249+185
- * B2325+269
- ◇ B2329+296
- △ B2337+220



01jun03 to 19sep17 1155 Mhz 409 pnts. Gain K/Jy

- + B0017+154
- * B0116+082
- ◇ B0127+230
- △ B0138+130
- B0518+165
- B0618+145
- × B0758+143
- + B0824+294
- * B0831+171
- ◇ B0838+133
- △ B0932+089
- B0949+287
- B1005+077
- × B1039+029
- + B1040+123
- * B1108+202
- ◇ B1117+146
- △ B1218+330
- B1312+210
- B1328+254
- × B1328+307
- + B1442+101
- * B1602+014
- ◇ B1607+268
- △ B1615+212
- B2116+180
- B2120+168
- × B2121+248
- + B2128+048
- * B2209+080
- ◇ B2249+185
- △ B2325+269
- B2329+296
- B2337+220

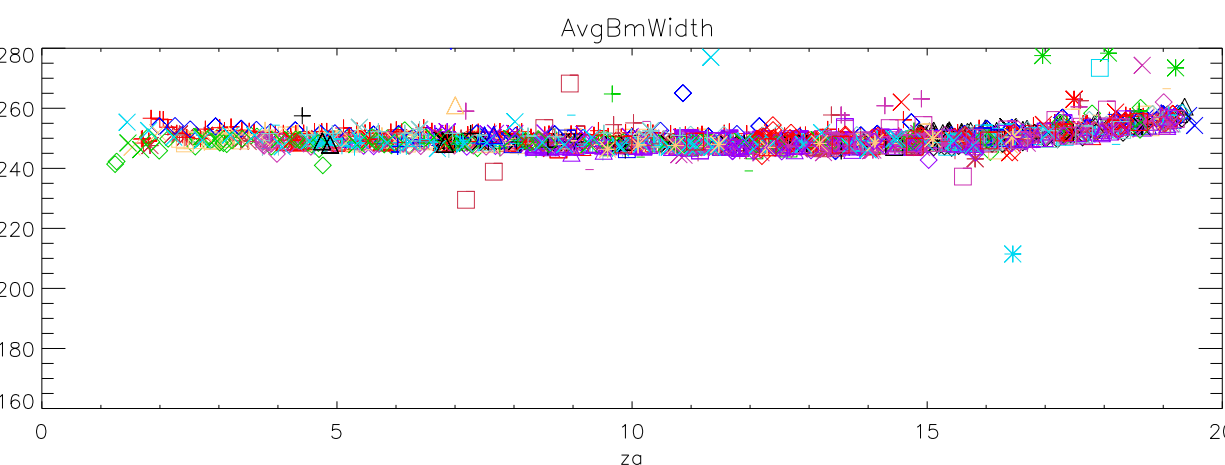
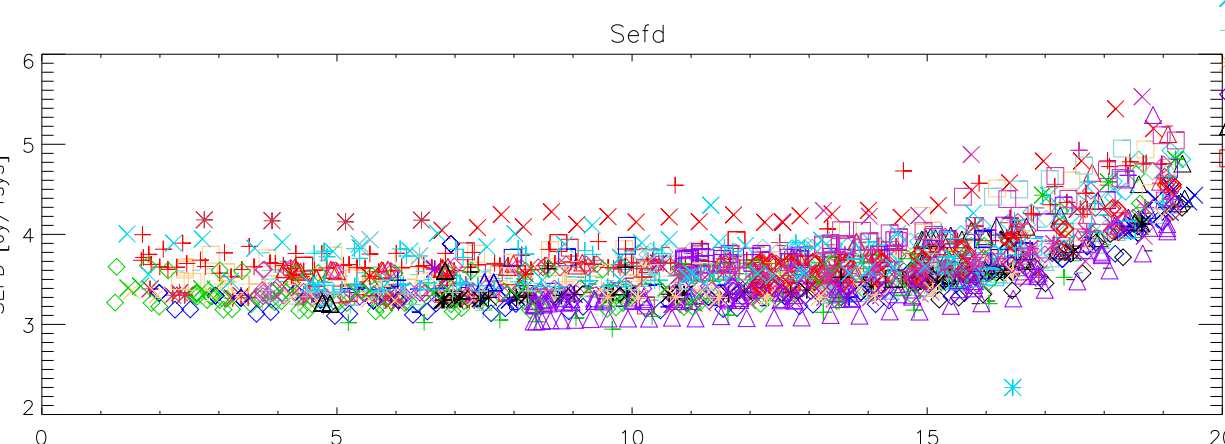
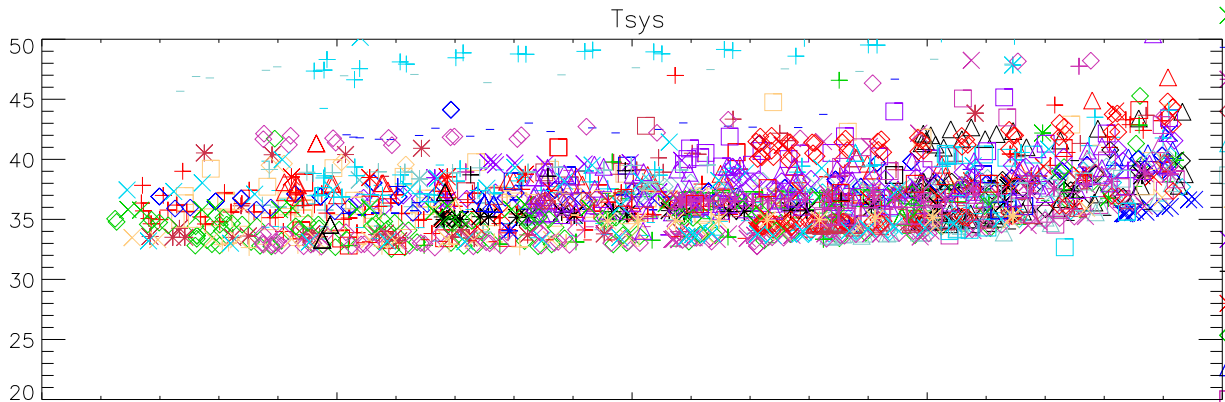
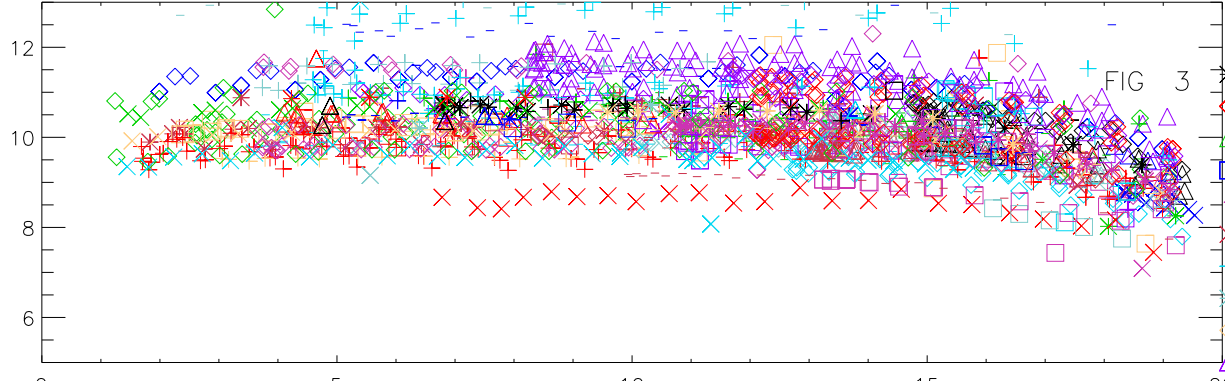


01jun03 to 19sep17 1175 Mhz last 2000 pnts. Gain K/Jy

FIG 3

- +0149+218
- *Arp220BP
- ◇B0017+154
- △B0019-000
- B0038+328
- B0049+175
- ×B0106+130
- +B0109+144
- *B0116+082
- ◇B0127+233
- △B0134+329
- B0138+136
- B0221+276
- ×B0240-002
- +B0300+162
- *B0316+162
- ◇B0320+053
- △B0340+040
- B0428+205
- B0453+227
- ×B0500+019
- +B0518+165
- *B0521+281
- ◇B0540+187
- △B0600+219
- B0606+163
- B0618+145
- ×B0640+233
- +B0642+214
- *B0710+118
- ◇B0732+332
- △B0758+143
- B0824+294
- B0838+133
- ×B0858+292
- +B0932+089
- *B0940+029
- ◇B0949+287
- △B1004+130
- B1005+077
- B1039+029
- ×B1040+123
- +B1108+202
- *B1117+146
- ◇B1140+223
- △B1153+317
- B1218+333
- B1312+211
- ×B1317+177
- +B1323+322

- *B1328+254
- ◇B1328+307
- △B1341+144
- B1345+125
- B1442+101
- ×B1518+046
- +B1535+139
- *B1545+210
- ◇B1547+215
- △B1607+268
- B1615+212
- B1622+238
- ×B1645+174
- +B1756+134
- *B1829+290
- ◇B1843+098
- △B1857+129
- B1922+333
- B1939+103
- ×B2030+257
- +B2041+170
- *B2116+180
- ◇B2120+168
- △B2121+248
- B2128+048
- B2209+080
- ×B2249+185
- +B2251+158
- *B2325+269
- ◇B2329+296
- △B2338+132
- J0141+138

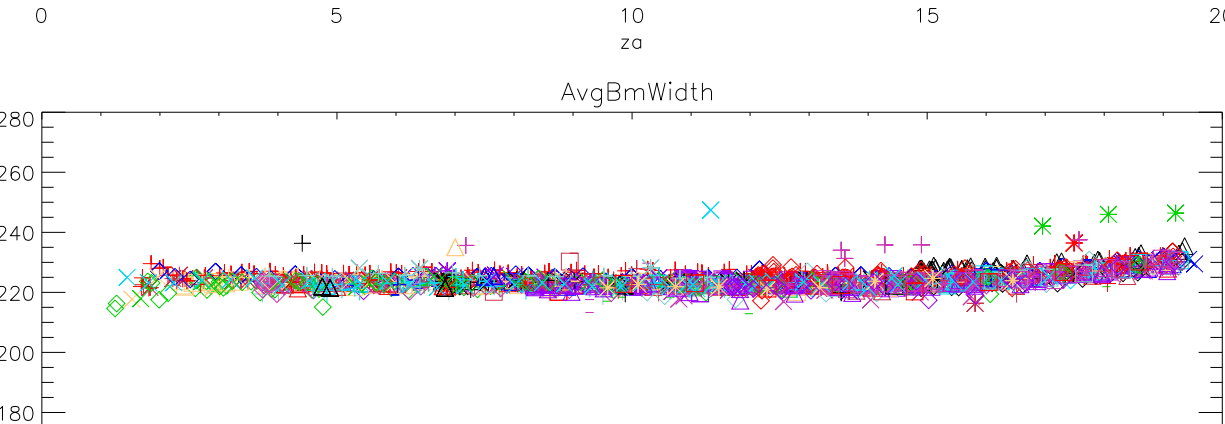
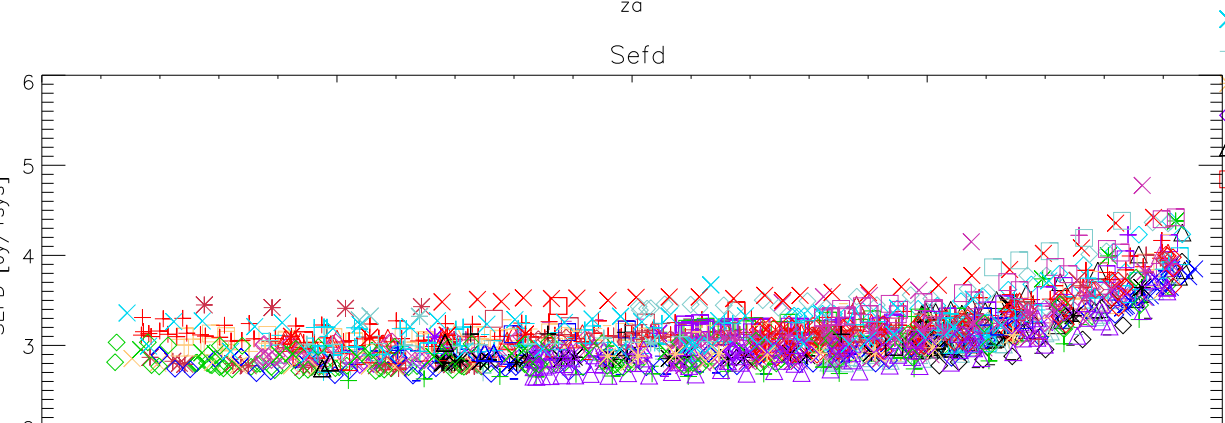
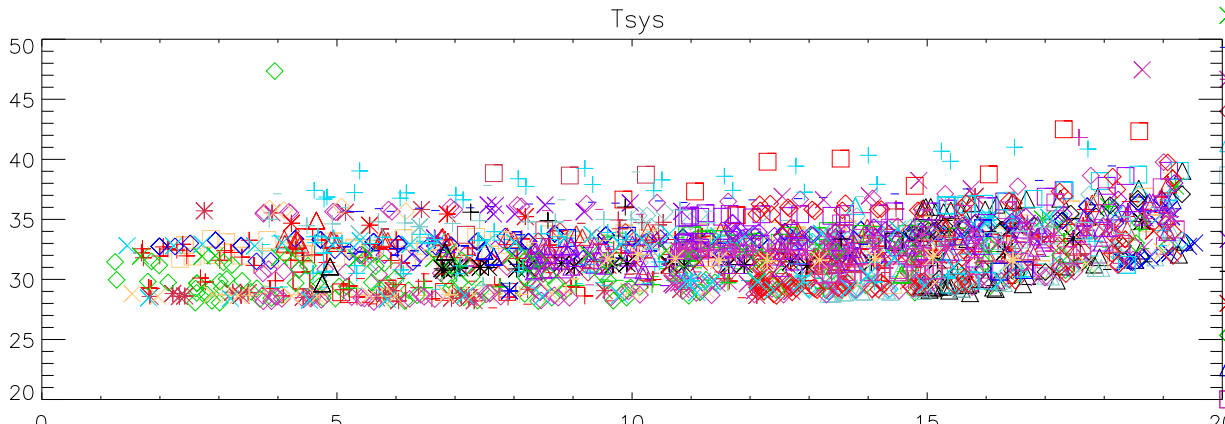
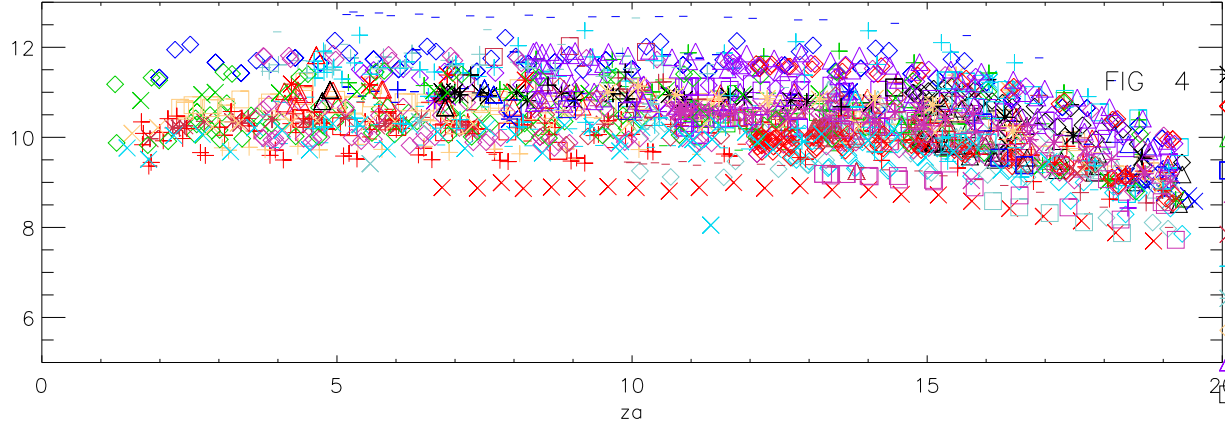


01jun03 to 19sep17 1300 Mhz last 2000 pnts. Gain K/Jy

FIG 4

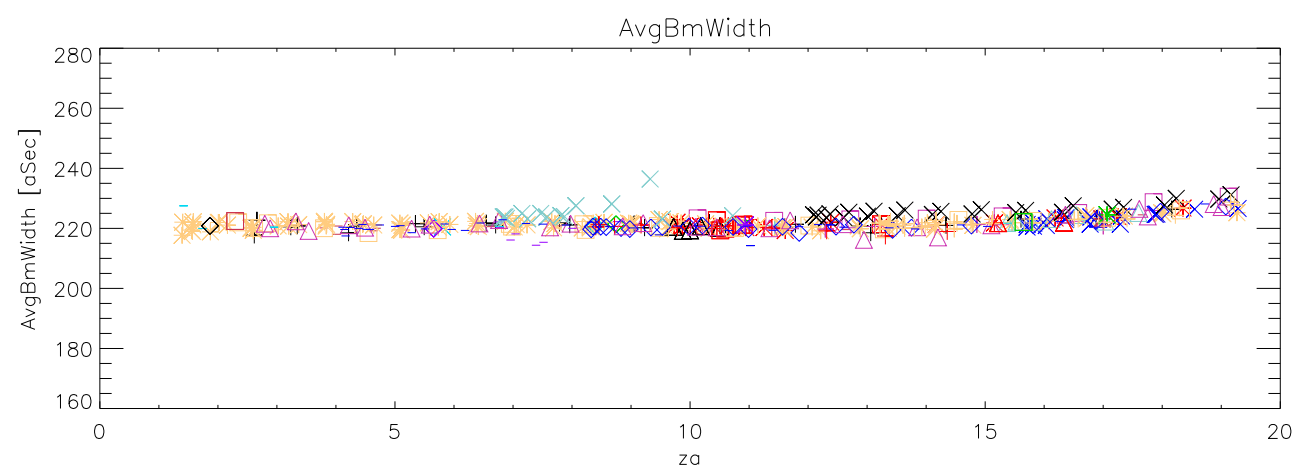
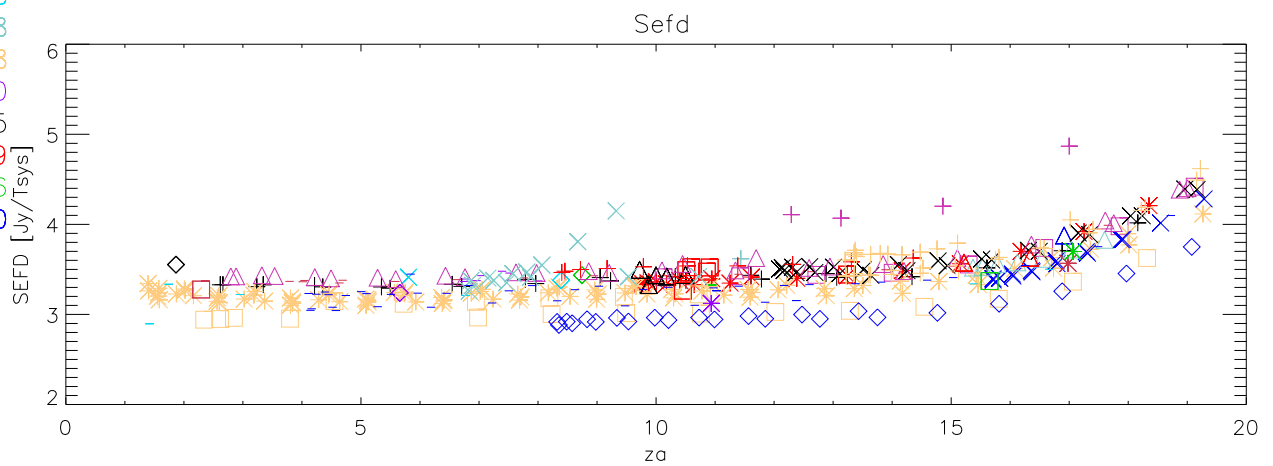
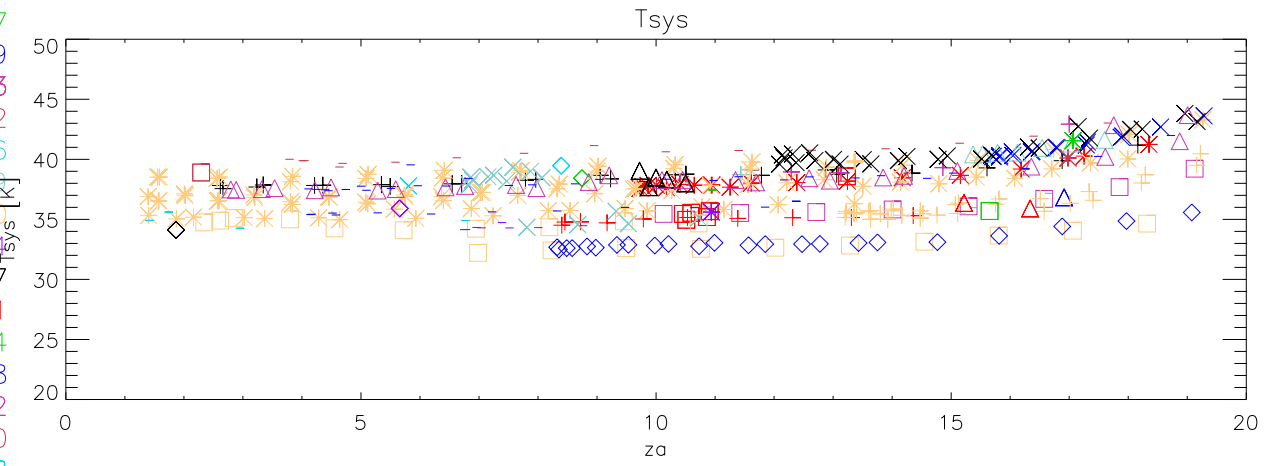
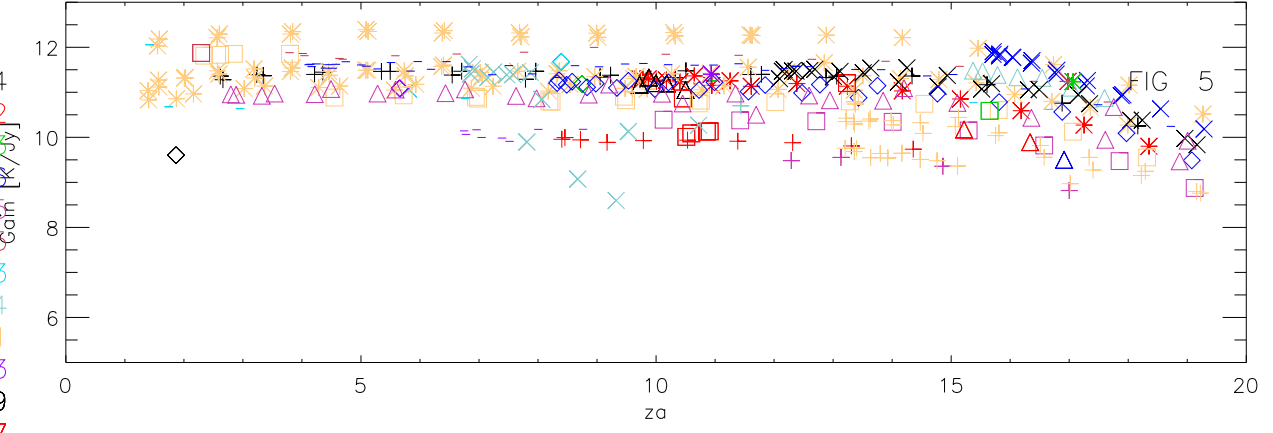
- +0149+218
- *Arp220BP
- ◇B0017+154
- △B0019-000
- B0038+328
- B0049+175
- ×B0106+130
- +B0109+144
- *B0116+082
- ◇B0127+233
- △B0134+329
- B0138+136
- B0221+276
- ×B0240-002
- +B0300+162
- *B0316+162
- ◇B0320+053
- △B0340+040
- B0428+205
- B0453+227
- ×B0500+019
- +B0518+165
- *B0521+281
- ◇B0540+187
- △B0600+219
- B0606+163
- B0618+145
- ×B0640+233
- +B0642+214
- *B0710+118
- ◇B0732+332
- △B0758+143
- B0824+294
- B0838+133
- ×B0858+292
- +B0932+089
- *B0940+029
- ◇B0949+287
- △B1004+130
- B1005+077
- B1039+029
- ×B1040+123
- +B1108+202
- *B1117+146
- ◇B1140+223
- △B1153+317
- B1218+333
- B1312+211
- ×B1317+177
- +B1323+322

- *B1328+254
- ◇B1328+307
- △B1341+144
- B1345+125
- B1442+101
- ×B1518+046
- +B1535+139
- *B1545+210
- ◇B1547+215
- △B1607+268
- B1615+212
- B1622+238
- ×B1645+174
- +B1756+134
- *B1829+290
- ◇B1843+098
- △B1857+129
- B1922+333
- B1939+103
- ×B2030+257
- +B2041+170
- *B2116+180
- ◇B2120+168
- △B2121+248
- B2128+048
- B2209+080
- ×B2249+185
- +B2251+158
- *B2325+269
- ◇B2329+296
- △B2338+132
- J0141+138



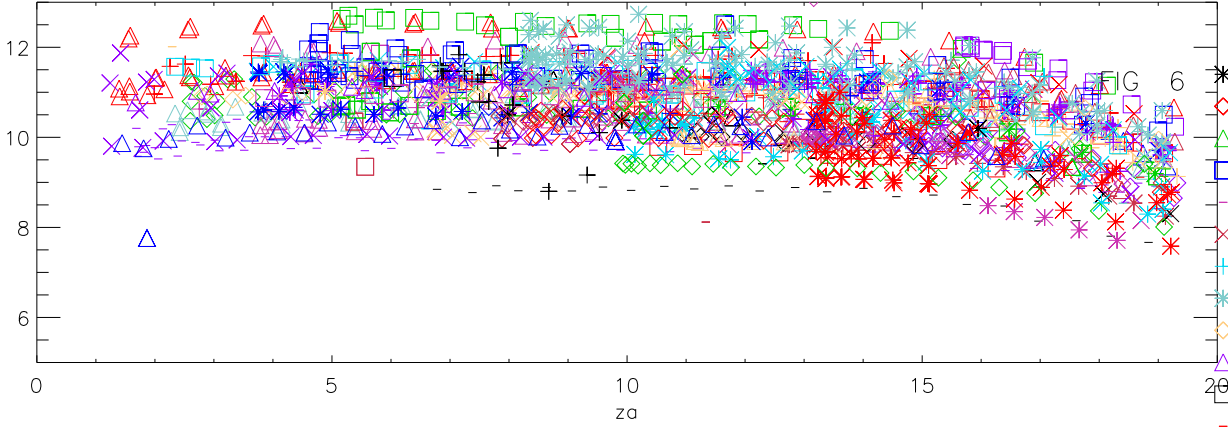
01jun03 to 19sep17 1310 Mhz 413 pnts. Gain K/Jy

- + B0017+154
- * B0116+082
- ◇ B0127+230
- △ B0138+130
- B0518+165
- B0618+145
- × B0758+143
- + B0824+294
- * B0831+171
- ◇ B0838+133
- △ B0932+089
- B0949+287
- B1005+077
- × B1039+029
- + B1040+123
- * B1108+202
- ◇ B1117+146
- △ B1218+330
- B1312+210
- B1328+254
- × B1328+307
- + B1442+101
- * B1602+014
- ◇ B1607+268
- △ B1615+212
- B2116+180
- B2120+168
- × B2121+248
- + B2128+048
- * B2209+080
- ◇ B2249+185
- △ B2325+269
- B2329+296
- B2337+220



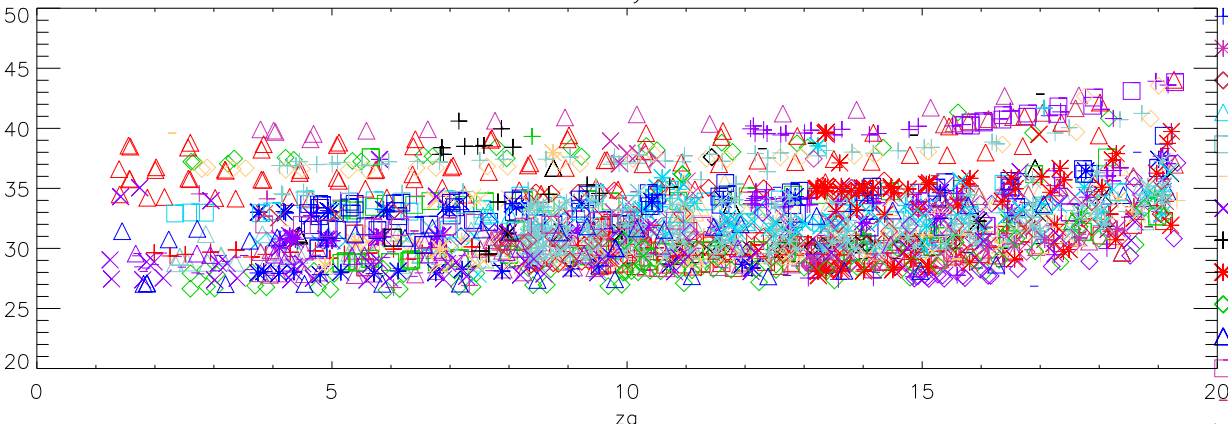
01jun03 to 19sep17 1375 Mhz last 2000 pnts. Gain K/Jy

- + 0149+218
- * Arp220BP
- ◇ B0017+154
- △ B0019-000
- B0049+175
- B0106+130
- × B0109+144
- + B0116+082
- B0127+233
- ◇ B0134+329
- △ B0138+136
- B0221+276
- B0240-002
- × B0300+162
- + B0316+162
- * B0320+053
- ◇ B0340+048
- △ B0428+200
- B0500+010
- B0518+165
- × B0521+281
- + B0540+187
- * B0600+219
- ◇ B0606+163
- △ B0618+145
- B0640+233
- B0642+214
- × B0710+118
- + B0732+332
- * B0758+143
- ◇ B0824+294
- △ B0831+171
- B0838+133
- B0858+292
- × B0932+089
- + B0940+029
- * B0949+287
- ◇ B1004+130
- △ B1005+077
- B1039+029
- B1040+123
- × B1108+202
- + B1117+146
- * B1140+223
- ◇ B1153+317
- △ B1218+330
- B1312+210
- B1323+320
- × B1328+250
- + B1328+300

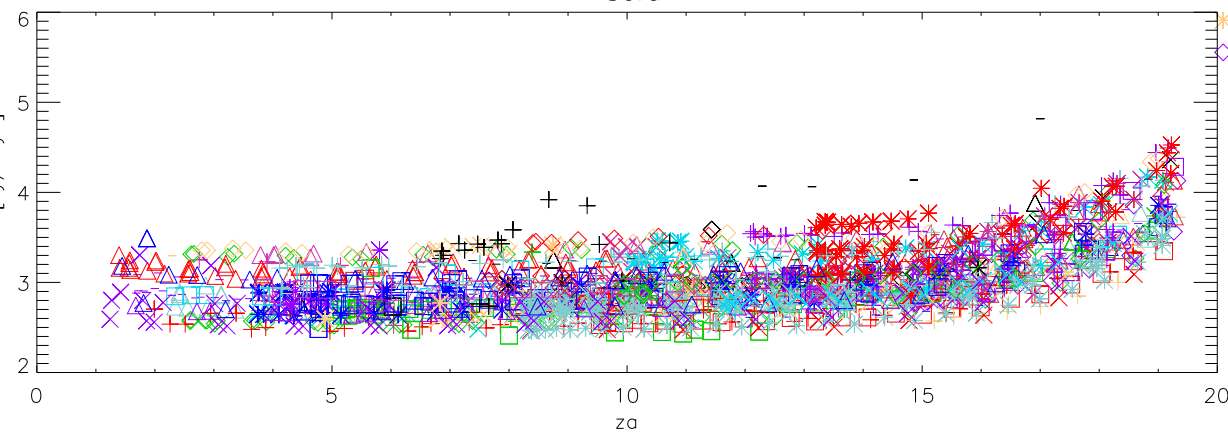


- * B1345+125
- ◇ B1442+101
- △ B1518+046
- B1535+139
- B1545+210
- × B1547+215
- + B1602+014
- ◇ B1607+268
- △ B1615+212
- B1645+174
- B1756+134
- * B1829+290
- × B1843+098
- + B1857+129
- * B1922+333
- ◇ B1939+103
- △ B2030+257
- B2041+170
- B2116+180
- × B2120+168
- + B2121+248
- * B2128+048
- ◇ B2209+080
- △ B2249+185
- B2251+158
- B2325+269
- × B2329+296
- + B2337+220
- ◇ B2338+132
- △ J0141+138

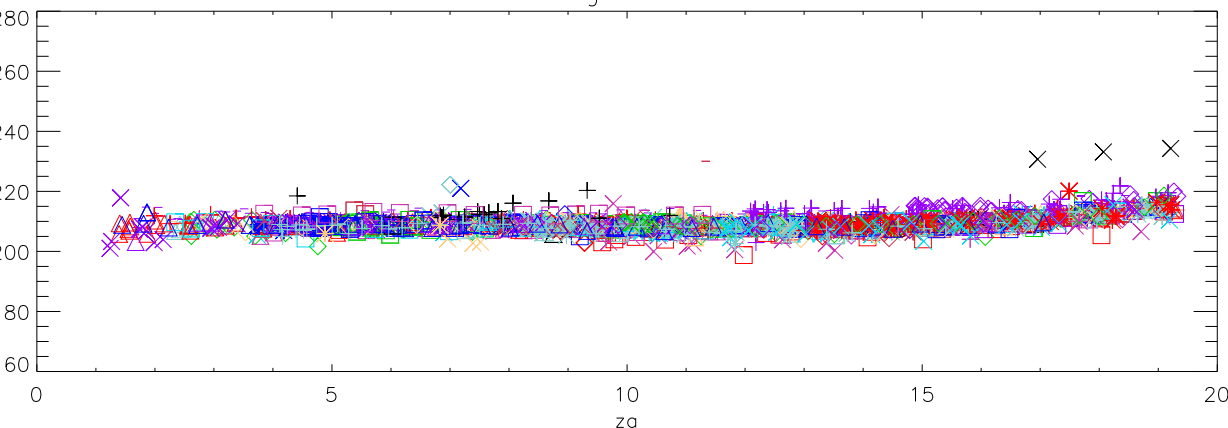
Tsys



Sefd



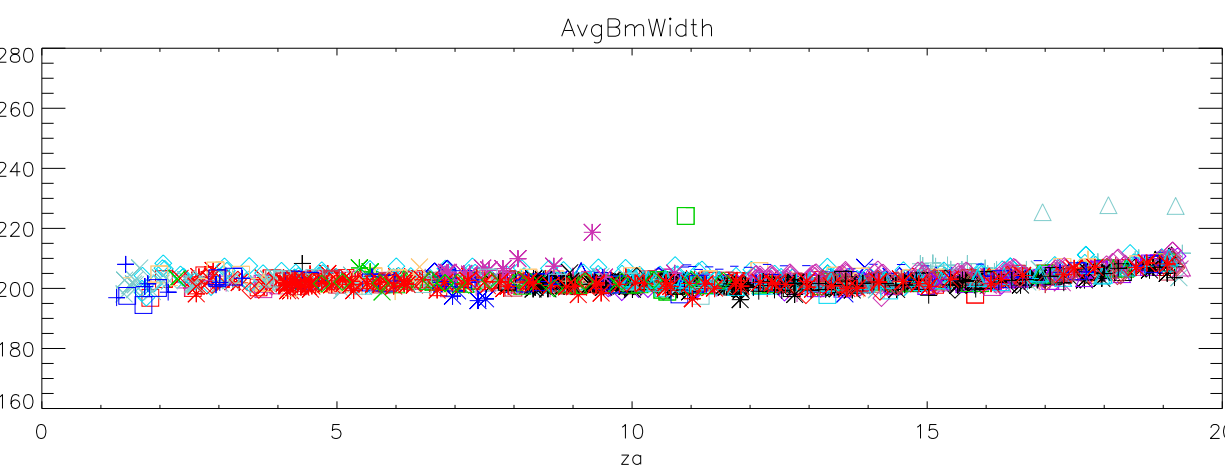
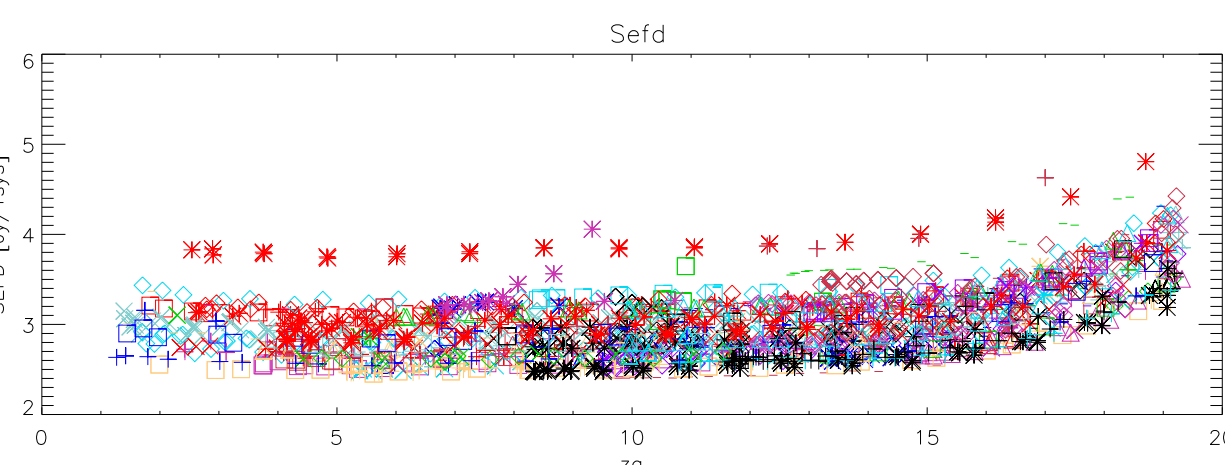
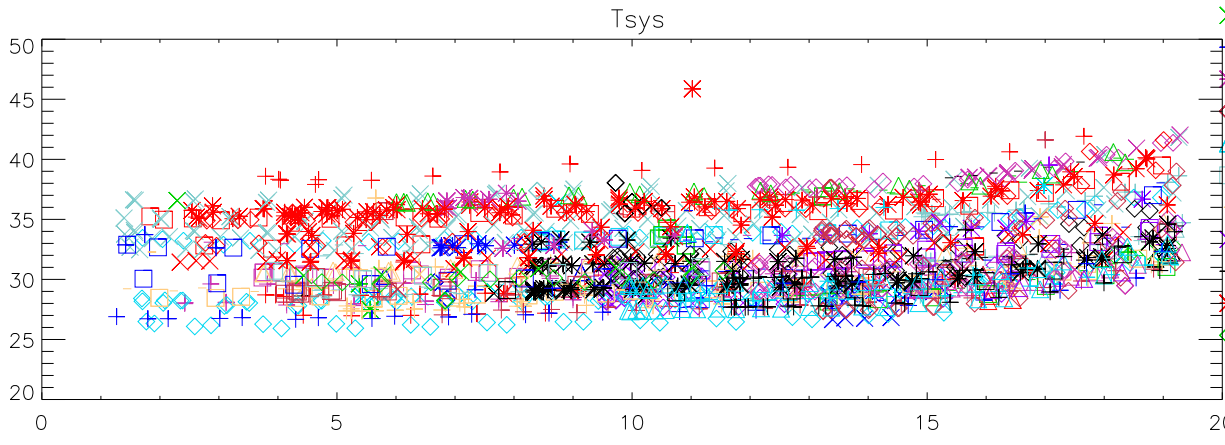
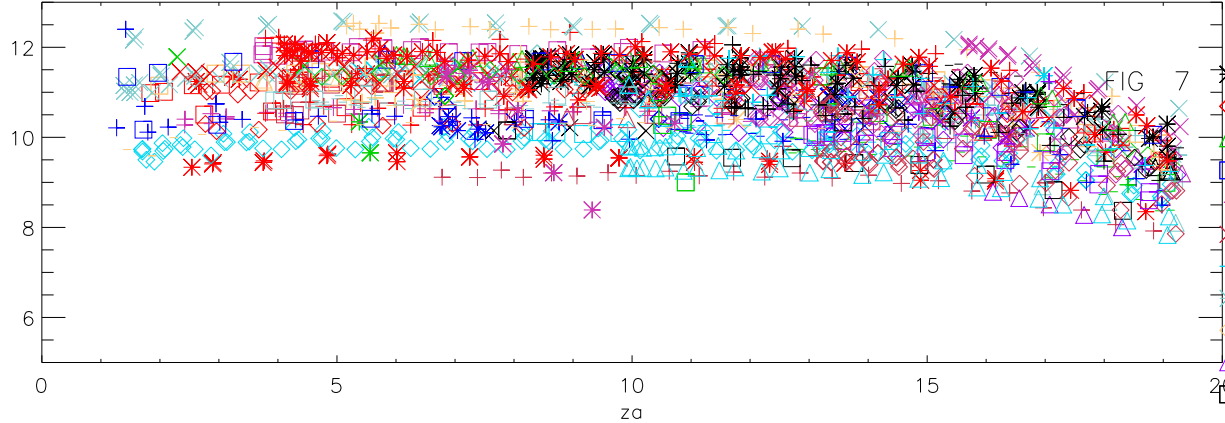
AvgBmWidth



01jun03 to 19sep17 1415 Mhz last 2000 pnts. Gain K/Jy

- +0149+218
- *B0017+154
- ◇B0019-000
- △B0049+175
- B0109+144
- B0116+082
- ×B0127+233
- +B0134+329
- *B0138+136
- ◇B0221+276
- △B0240-002
- B0316+162
- B0320+053
- ×B0340+048
- +B0428+205
- *B0500+019
- ◇B0518+165
- △B0521+28
- B0540+18
- B0600+219
- ×B0606+163
- +B0618+145
- *B0640+233
- ◇B0710+118
- △B0732+332
- B0758+143
- B0824+294
- ×B0831+171
- +B0838+133
- *B0858+292
- ◇B0932+089
- △B0940+029
- B0949+287
- B1005+077
- ×B1039+029
- +B1040+123
- *B1108+202
- ◇B1117+146
- △B1140+223
- B1153+317
- B1218+339
- ×B1312+210
- +B1323+321
- *B1328+254
- ◇B1328+307
- △B1345+125
- B1442+10
- B1535+17
- ×B1545+21
- +B1602+01

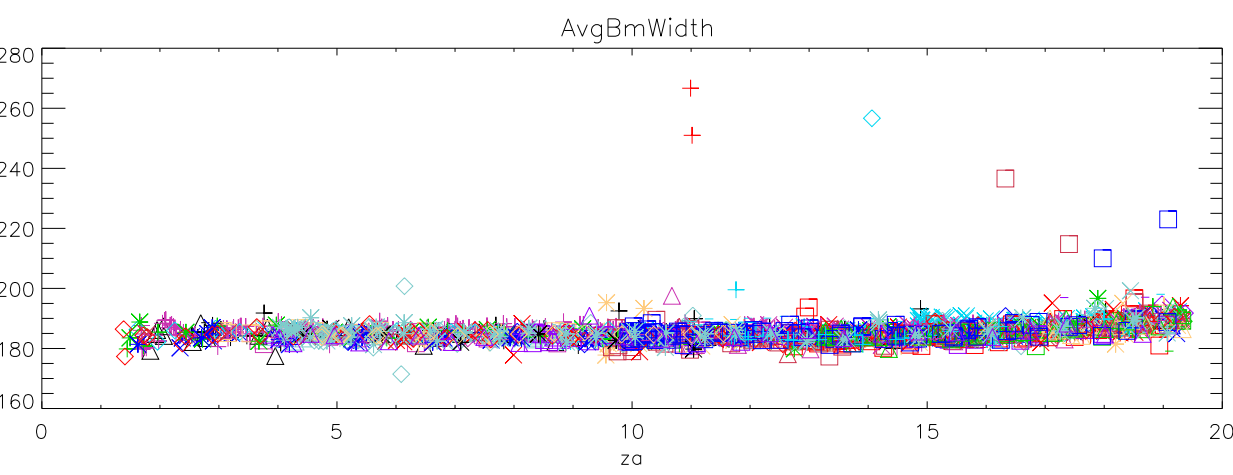
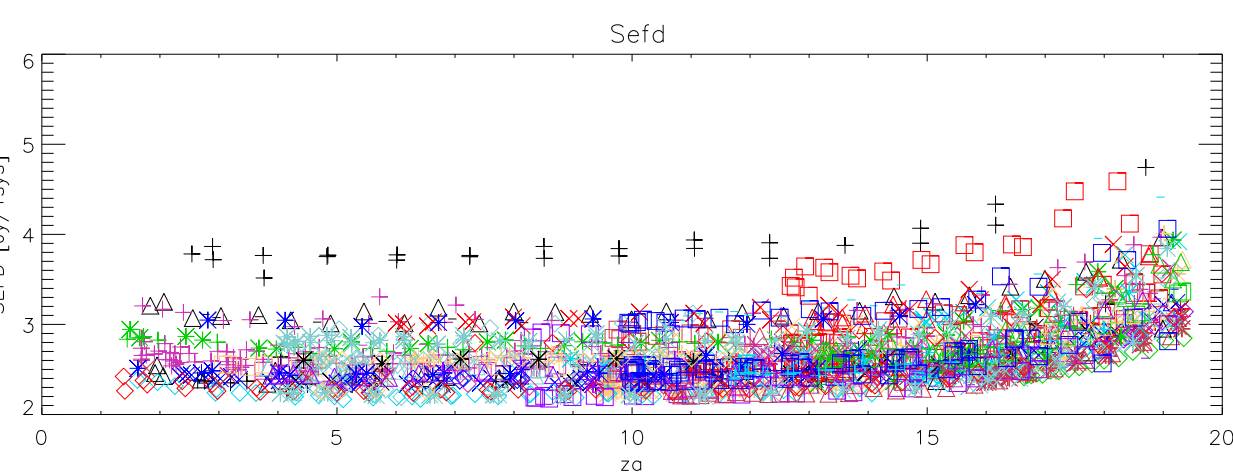
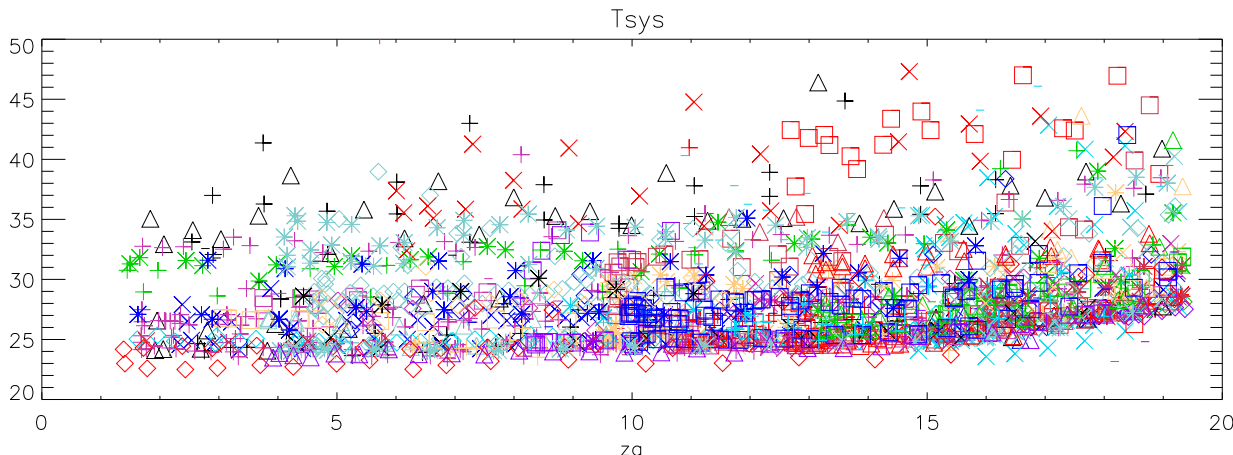
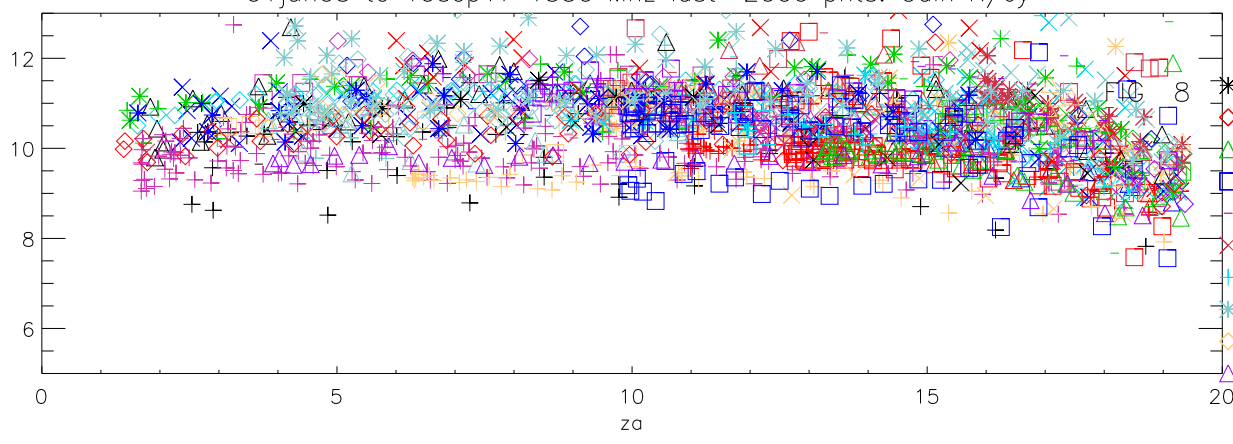
- *B1607+268
- ◇B1615+212
- △B1638+124
- B1641+173
- B1645+174
- ×B1756+134
- +B1829+290
- *B1843+098
- ◇B1857+129
- △B1922+333
- B1939+103
- B2041+170
- ×B2116+180
- +B2120+168
- *B2121+248
- ◇B2128+048
- △B2209+080
- B2247+140
- B2249+185
- ×B2325+269
- +B2329+296
- *B2337+220
- ◇B2338+132



01jun03 to 19sep17 1550 Mhz last 2000 pnts. Gain K/Jy

- + B0017+154
- * B0019-000
- ◇ B0026+346
- △ B0038+328
- B0109+144
- B0116+082
- × B0134+329
- + B0138+136
- * B0221+276
- ◇ B0240-002
- △ B0316+162
- B0320+053
- B0340+048
- × B0428+205
- + B0518+165
- * B0534+342
- ◇ B0540+187
- △ B0618+147
- B0642+214
- B0732+332
- × B0758+143
- + B0824+294
- * B0831+171
- ◇ B0838+133
- △ B0858+292
- B0932+089
- B1005+077
- × B1039+029
- + B1040+123
- * B1117+146
- ◇ B1140+223
- △ B1153+317
- B1218+339
- B1328+254
- × B1328+307
- + B1345+125
- * B1442+101
- ◇ B1535+139
- △ B1602+014
- B1607+268
- B1615+212
- × B1638+124
- + B1641+173
- * B1645+174
- ◇ B1756+134
- △ B1829+290
- B1843+090
- B1922+377
- × B1939+100
- + B2041+177

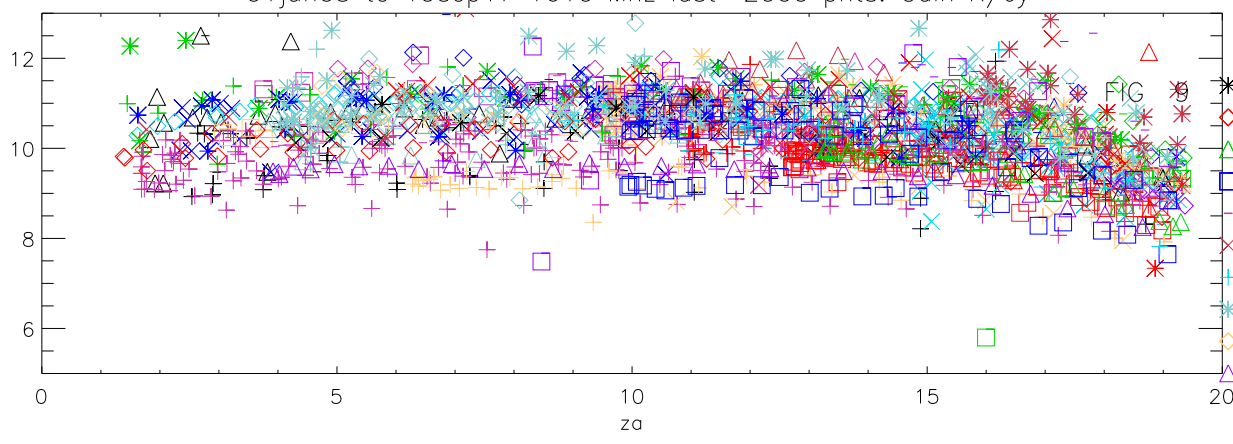
- * B2116+180
- ◇ B2120+168
- △ B2128+048
- B2209+080
- B2247+140
- × B2249+185
- + B2329+296
- * B2337+220
- ◇ B2338+132
- △ J0725+144



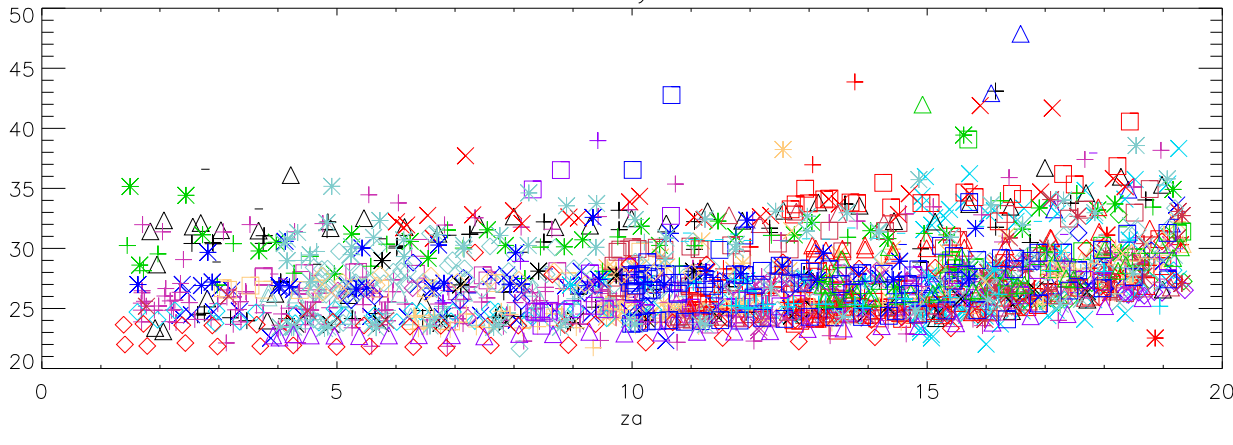
01jun03 to 19sep17 1610 Mhz last 2000 pnts. Gain K/Jy

- + B0017+154
- * B0019-000
- ◇ B0026+346
- △ B0038+328
- B0109+144
- B0116+082
- × B0134+329
- + B0138+136
- * B0221+276
- ◇ B0240-002
- △ B0316+162
- B0320+053
- B0340+048
- × B0428+205
- + B0518+165
- * B0534+342
- ◇ B0540+187
- △ B0618+147
- B0642+214
- B0732+332
- × B0758+143
- + B0824+294
- * B0831+171
- ◇ B0838+133
- △ B0858+292
- B0932+089
- B1005+077
- × B1039+029
- + B1040+123
- * B1117+146
- ◇ B1140+223
- △ B1153+317
- B1218+339
- B1328+254
- × B1328+307
- + B1345+125
- * B1442+101
- ◇ B1535+139
- △ B1602+014
- B1607+268
- B1615+212
- × B1638+124
- + B1641+173
- * B1645+174
- ◇ B1756+134
- △ B1829+290
- B1843+080
- B1922+377
- × B1939+100
- + B2041+170

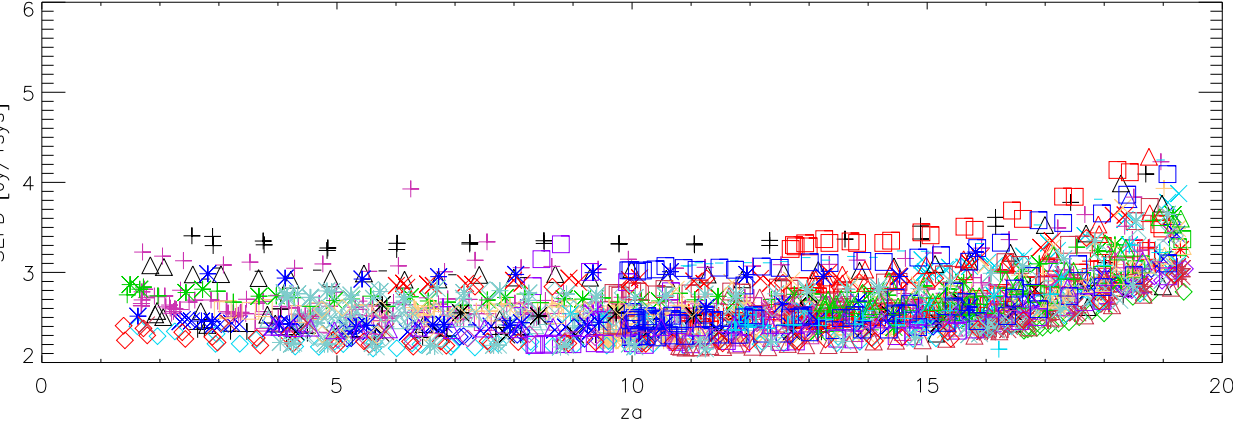
- * B2116+180
- ◇ B2120+168
- △ B2128+048
- B2209+080
- B2247+140
- × B2249+185
- + B2329+296
- * B2337+220
- ◇ B2338+132
- △ J0725+144



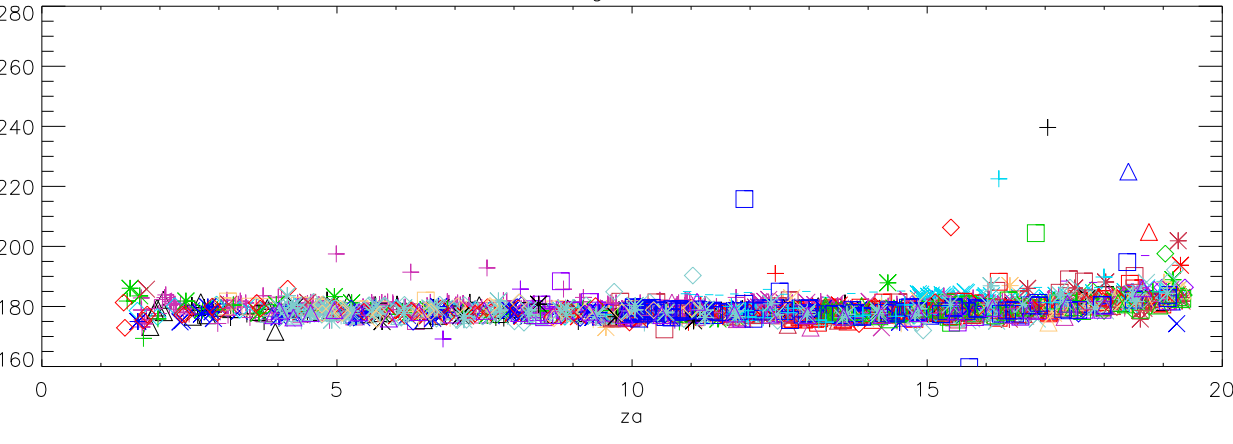
Tsys



Sefd



AvgBmWidth



01jun03 to 19sep17 1666 Mhz last 2000 pnts. Gain K/Jy

- + B0017+154
- * B0019-000
- ◇ B0026+346
- △ B0038+328
- B0109+144
- B0116+082
- × B0134+329
- + B0138+136
- B0221+276
- ◇ B0240-002
- △ B0316+162
- B0320+053
- B0340+048
- × B0428+205
- + B0518+165
- * B0534+342
- ◇ B0540+187
- △ B0618+147
- B0642+214
- B0732+332
- × B0758+143
- + B0824+294
- * B0831+171
- ◇ B0838+133
- △ B0858+292
- B0932+089
- B1005+077
- × B1039+029
- + B1040+123
- * B1117+146
- ◇ B1140+223
- △ B1153+317
- B1218+339
- B1328+254
- × B1328+307
- + B1345+125
- × B1442+101
- ◇ B1535+139
- B1602+014
- B1607+268
- B1615+212
- × B1638+124
- + B1641+173
- * B1645+174
- ◇ B1756+134
- △ B1829+290
- B1843+089
- B1922+377
- × B1939+100
- + B2041+177

Gain [K/Jy]

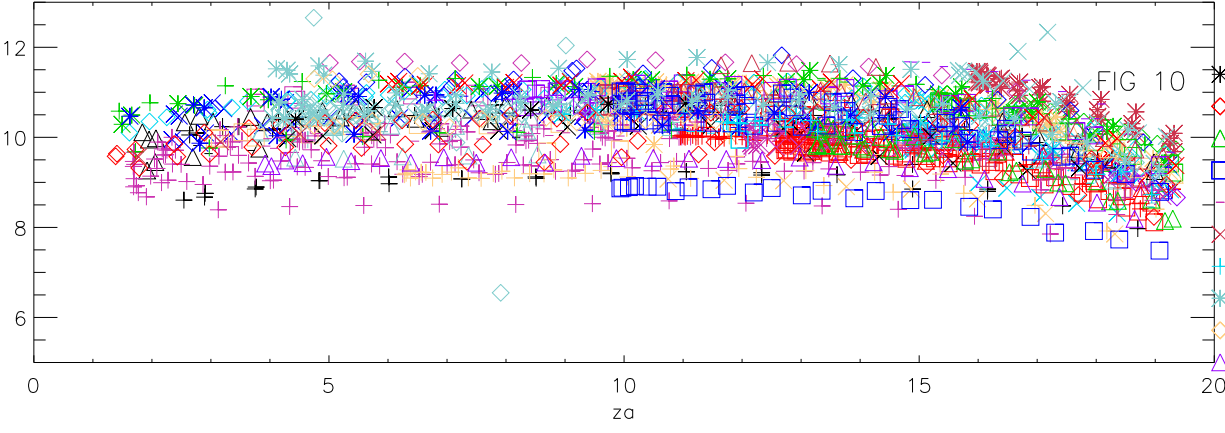
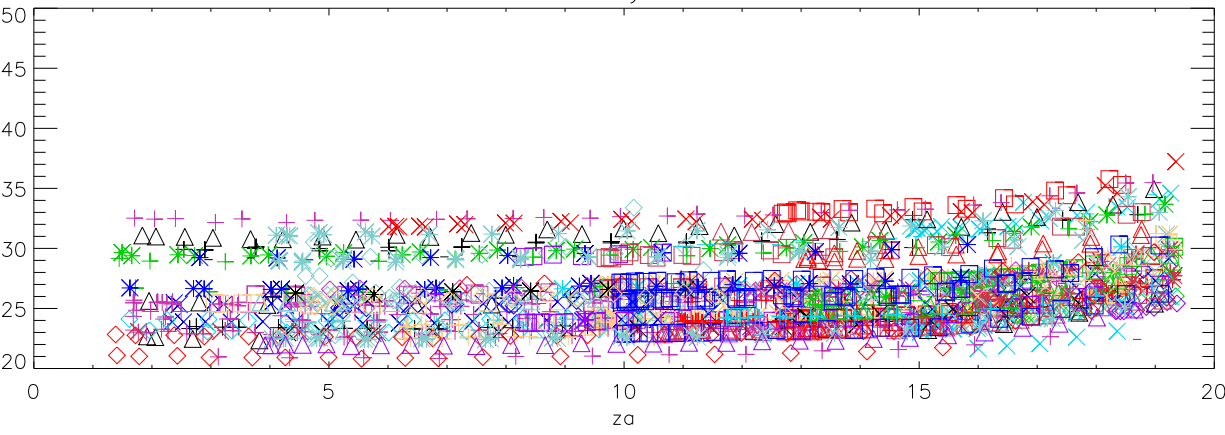


FIG 10

- * B2116+180
- ◇ B2120+168
- △ B2128+048
- B2209+080
- B2247+140
- × B2249+185
- + B2329+296
- ◇ B2337+220
- B2338+132
- △ J0725+144

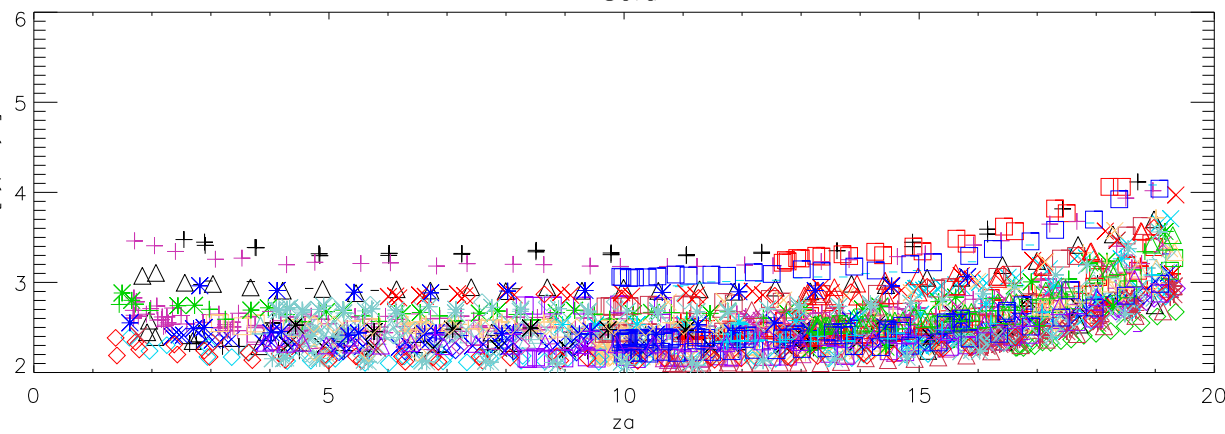
Tsys

Tsys [K]



Sefd

SEFD [Jy/Tsys]



AvgBmWidth

AvgBmWidth [JySec]

