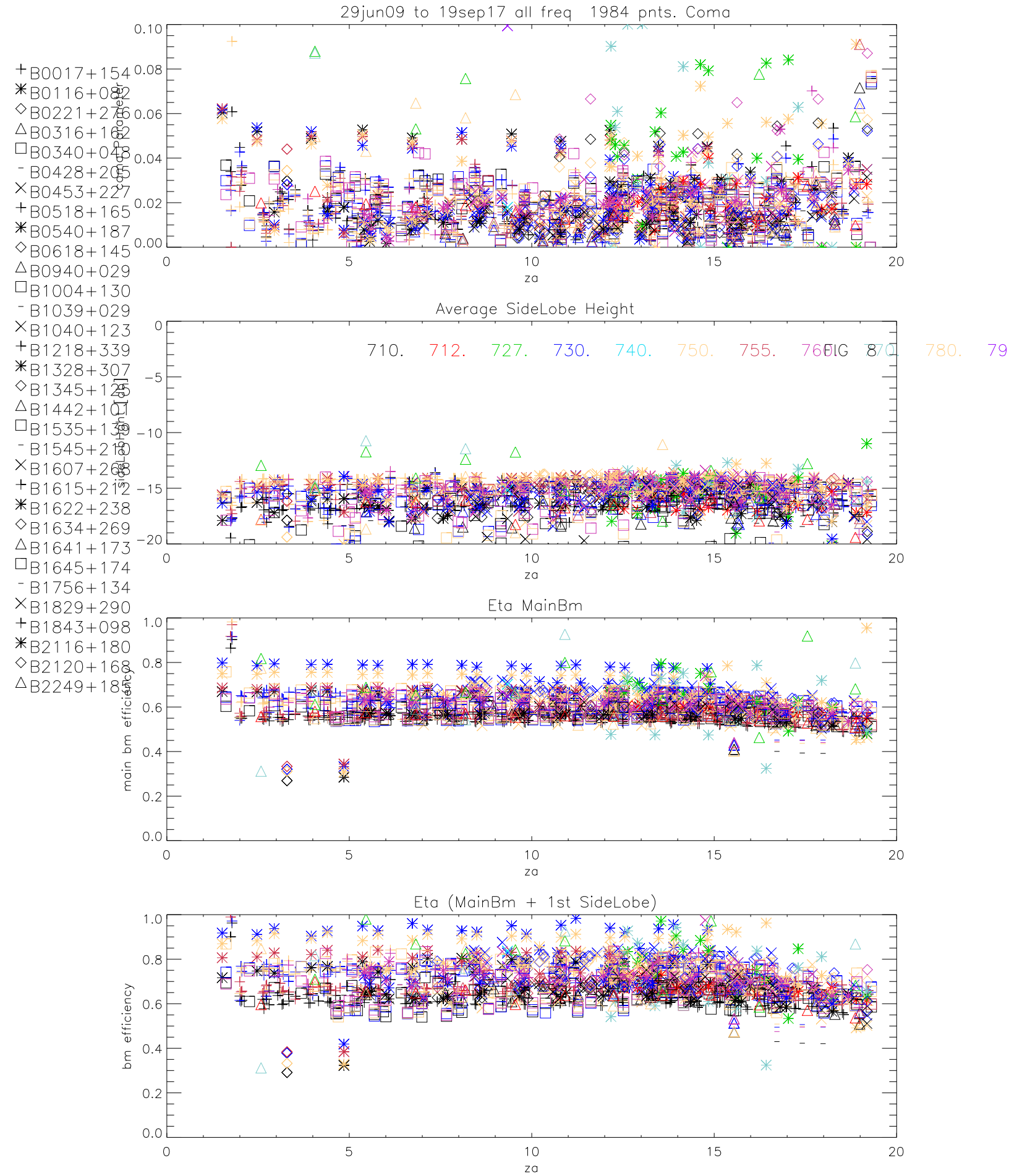
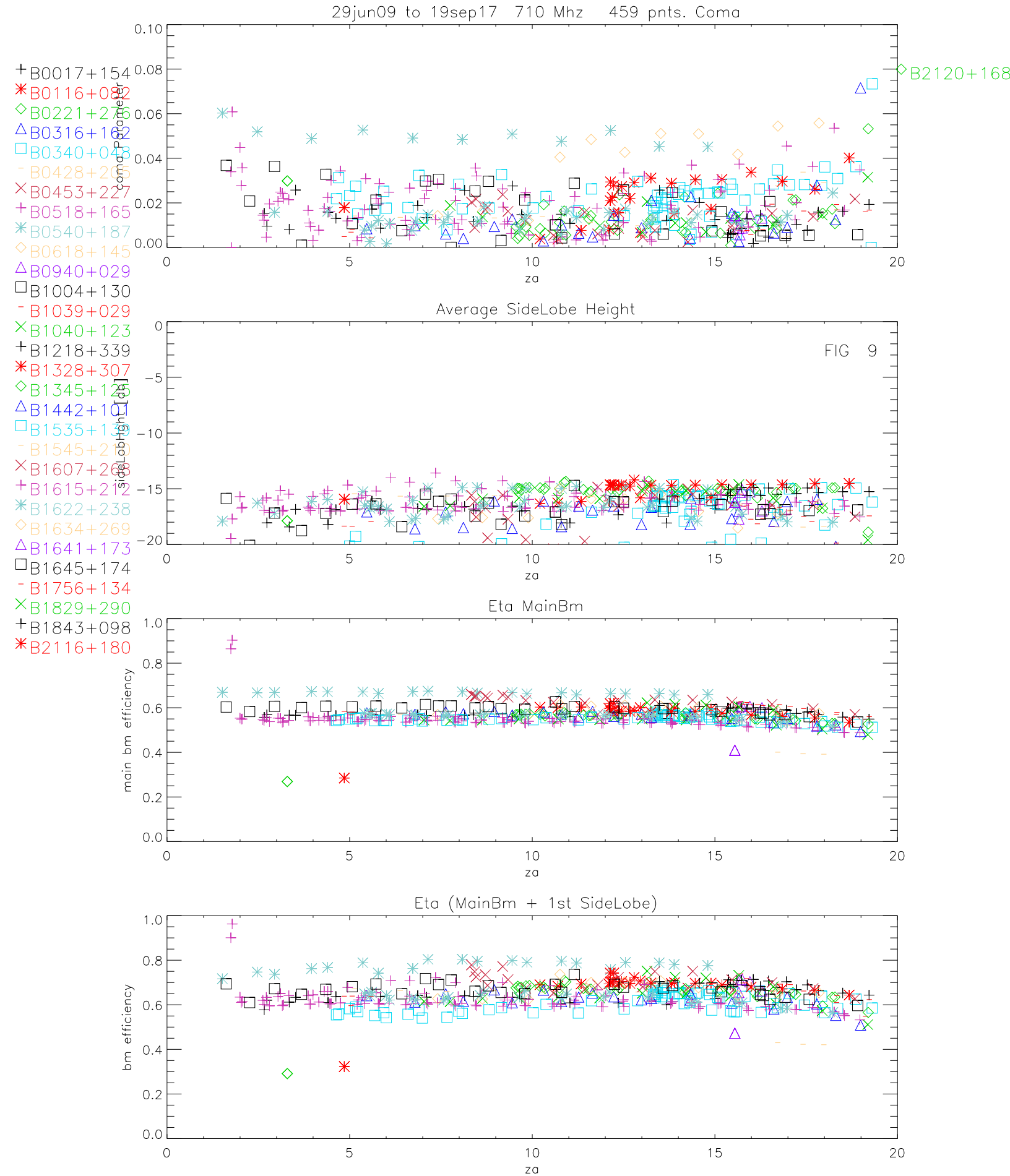
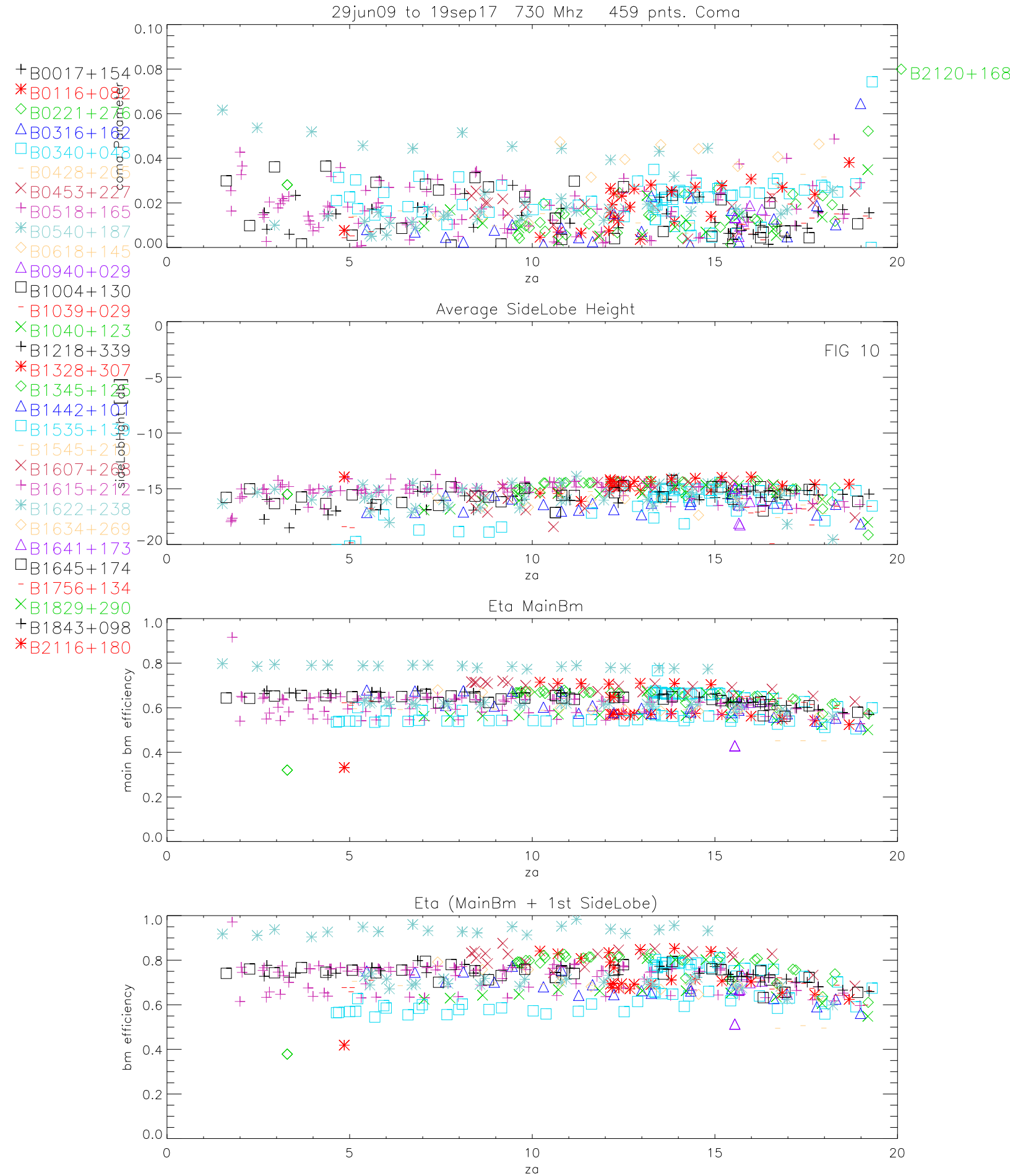
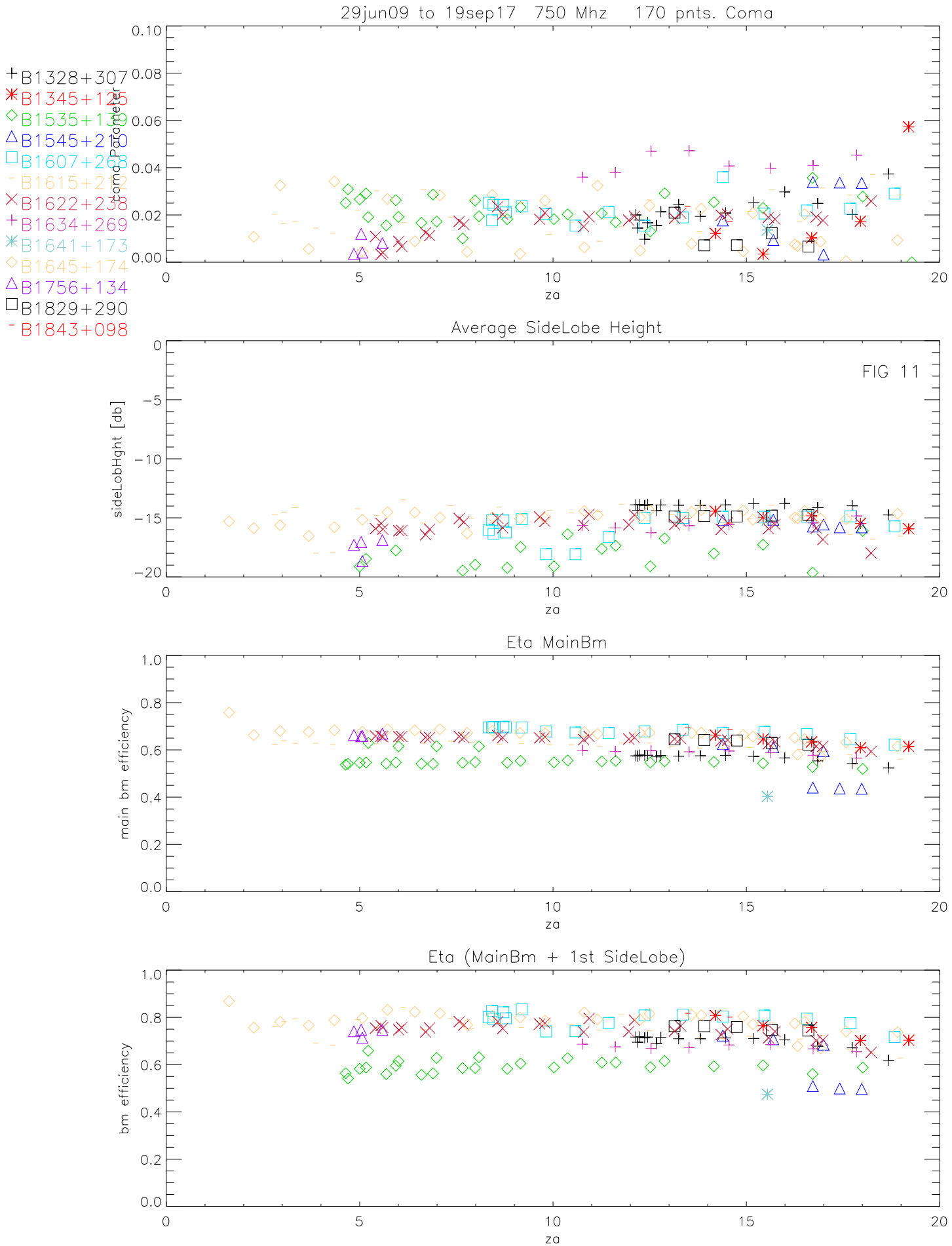
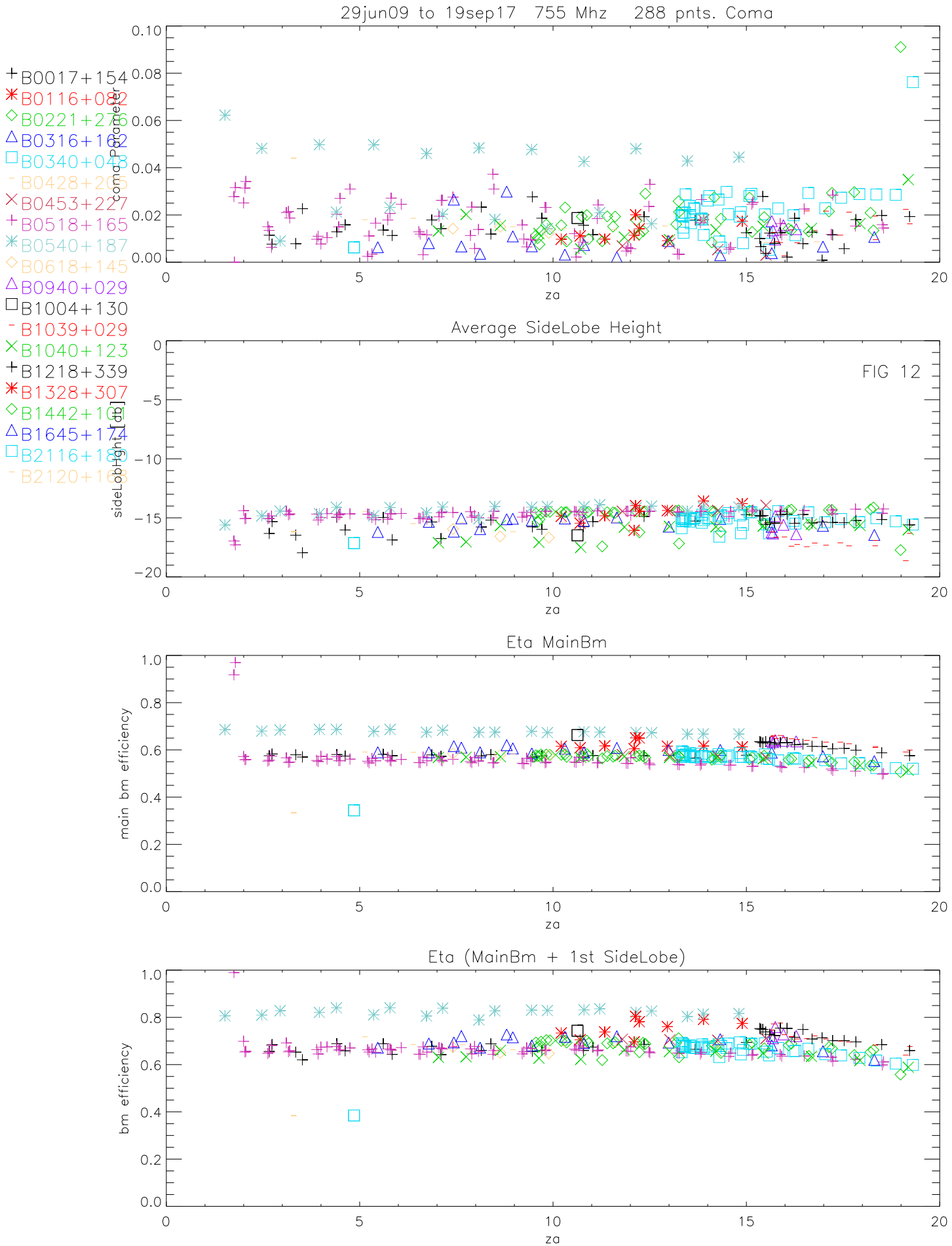
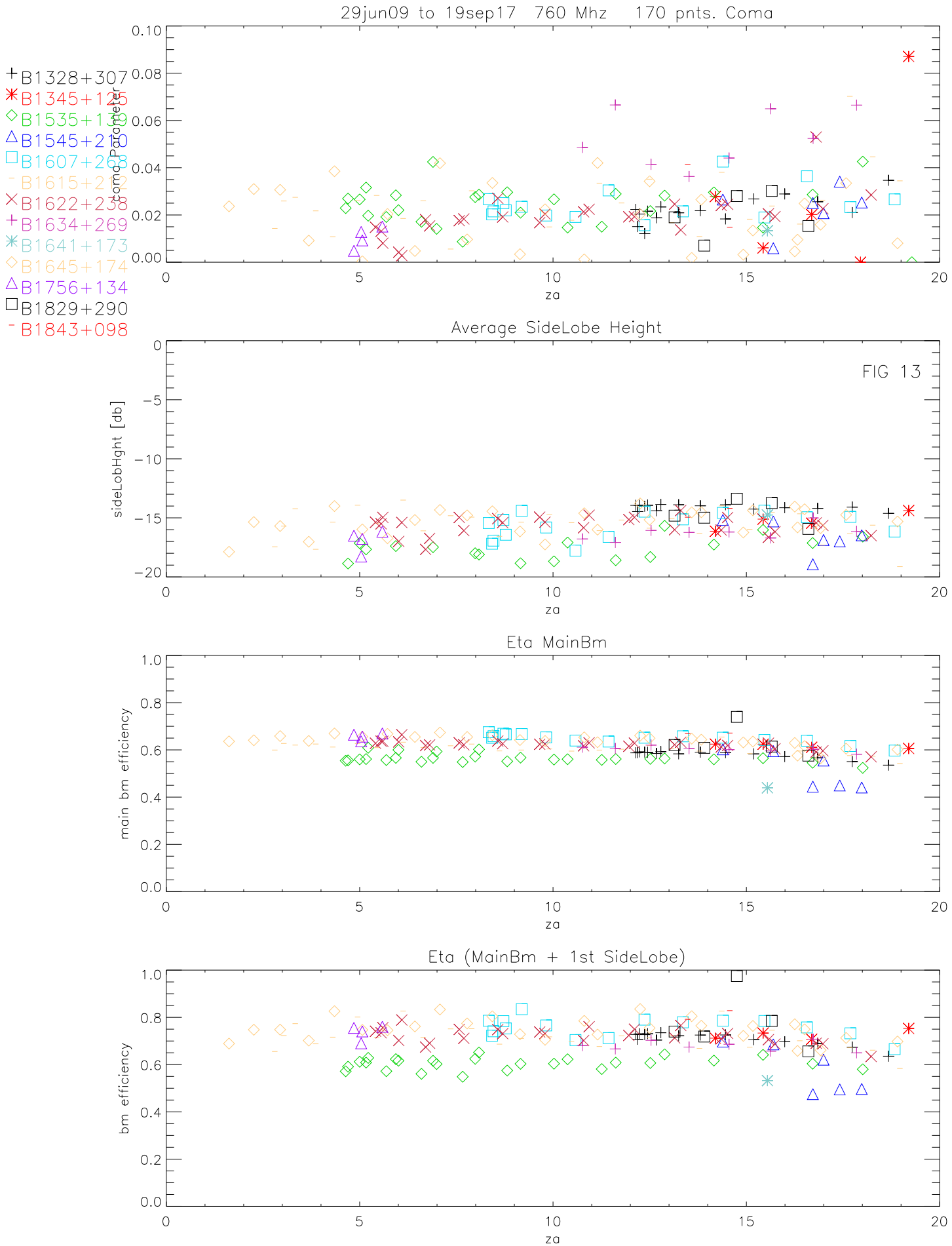

29jun09 to 19sep17 all freq 1984 pnts. Coma
B0017+154
B0116+082
B0221+276
B0316+162
B0340+048
B0428+205
B0453+227
B0518+165
B0540+187
B0618+145
B0940+029
B1004+130
B1039+029
B1040+123
B1218+339
B1328+307
B1345+125
B1442+101
B1535+136
B1545+210
B1607+268
B1615+212
B1622+238
B1634+269
B1641+173
B1645+174
B1756+134
B1829+290
B1843+098
B2116+180
B2120+168
B2249+185
za
Average SideLobe Height
710. 712. 727. 730. 740. 750. 755. 760. 770. 780. 79
FIG 8
za
Eta MainBm
main bm efficiency
za
Eta (MainBm + 1st SideLobe)
bm efficiency
za

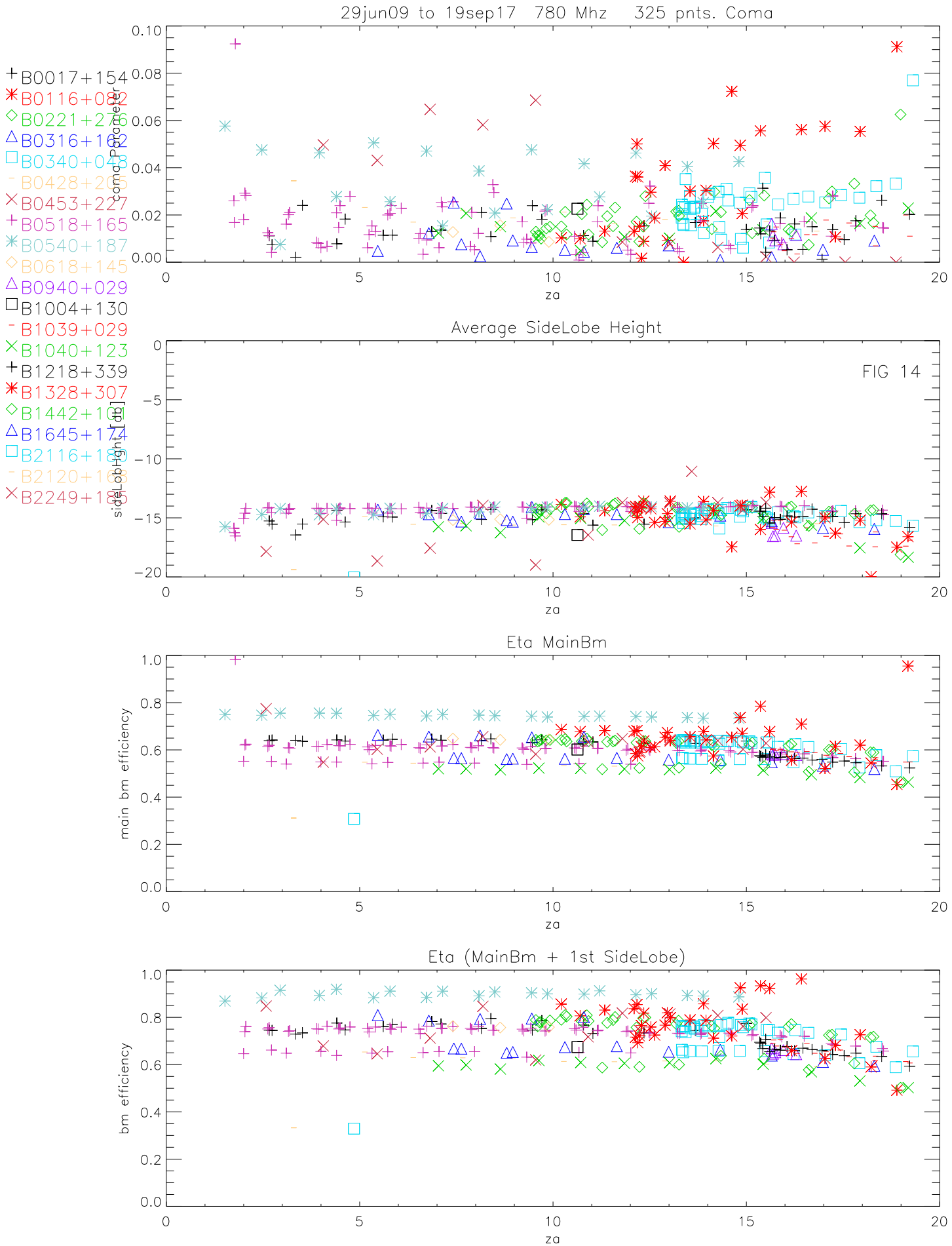

29jun09 to 19sep17 710 Mhz 459 pnts. Coma
ComaParameter
za
B0017+154
B0116+082
B0221+268
B0316+162
B0340+048
B0428+205
B0453+227
B0518+165
B0540+187
B0618+145
B0940+029
B1004+130
B1039+029
B1040+123
B1218+339
B1328+307
B1345+125
B1442+101
B1535+139
B1545+210
B1607+268
B1615+212
B1622+238
B1634+269
B1641+173
B1645+174
B1756+134
B1829+290
B1843+098
B2116+180
B2120+168
Average SideLobe Height
sideLobHgt [dB]
FIG 9
Eta MainBm
main bm efficiency
Eta (MainBm + 1st SideLobe)
bm efficiency


29jun09 to 19sep17 730 Mhz 459 pnts. Coma
ComaParameter
za
Average SideLobe Height
sideLobHgt [db]
FIG 10
Eta MainBm
main bm efficiency
Eta (MainBm + 1st SideLobe)
bm efficiency
B0017+154
B0116+082
B0221+268
B0316+162
B0340+048
B0428+205
B0453+227
B0518+165
B0540+187
B0618+145
B0940+029
B1004+130
B1039+029
B1040+123
B1218+339
B1328+307
B1345+125
B1442+101
B1535+139
B1545+210
B1607+268
B1615+212
B1622+238
B1634+269
B1641+173
B1645+174
B1756+134
B1829+290
B1843+098
B2116+180
B2120+168


29jun09 to 19sep17 750 Mhz 170 pnts. Coma
Coma Parameter
B1328+307
B1345+125
B1535+131
B1545+210
B1607+268
B1615+29
B1622+238
B1634+269
B1641+173
B1645+174
B1756+134
B1829+290
B1843+098
0.10
0.08
0.06
0.04
0.02
0.00
0
5
10
15
20
za
Average SideLobe Height
FIG 11
sideLobHght [db]
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


29jun09 to 19sep17 755 Mhz 288 pnts. Coma
ComaParameter
B0017+154
B0116+082
B0221+276
B0316+162
B0340+048
B0428+205
B0453+227
B0518+165
B0540+187
B0618+145
B0940+029
B1004+130
B1039+029
B1040+123
B1218+339
B1328+307
B1442+101
B1645+174
B2116+181
B2120+168
0.10
0.08
0.06
0.04
0.02
0.00
0
5
10
15
20
za
Average SideLobe Height
sideLobHgh [db]
FIG 12
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


29jun09 to 19sep17 760 Mhz 170 pnts. Coma
Coma Parameter
B1328+307
B1345+125
B1535+13
B1545+21
B1607+268
B1615+29
B1622+238
B1634+269
B1641+173
B1645+174
B1756+134
B1829+290
B1843+098
0.10
0.08
0.06
0.04
0.02
0.00
0
5
10
15
20
za
Average SideLobe Height
FIG 13
sideLobHght [db]
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


29jun09 to 19sep17 780 Mhz 325 pnts. Coma
ComaParameter
za
Average SideLobe Height
sideLobHgt [dB]
FIG 14
Eta MainBm
main bm efficiency
Eta (MainBm + 1st SideLobe)
bm efficiency
B0017+154
B0116+082
B0221+2
B0316+162
B0340+048
B0428+2
B0453+227
B0518+165
B0540+187
B0618+145
B0940+029
B1004+130
B1039+029
B1040+123
B1218+339
B1328+307
B1442+1
B1645+17
B2116+1
B2120+1
B2249+18