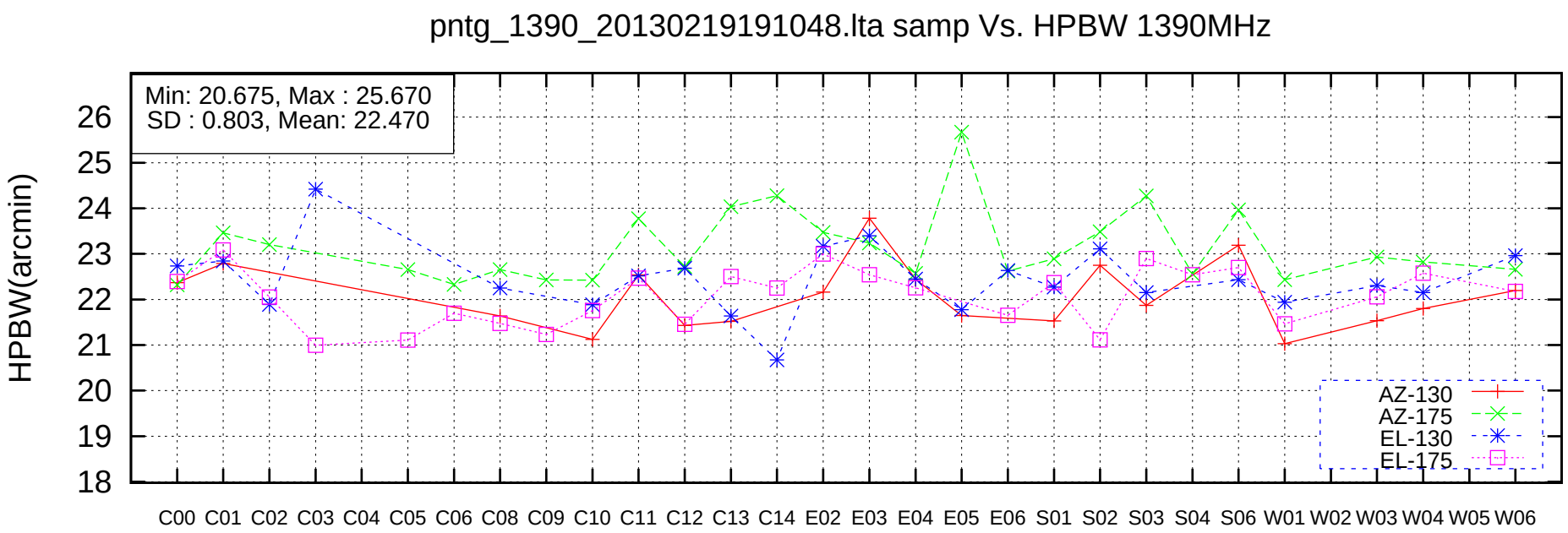
pntg_1390_20130219191048.lta samp Vs. HPBW 1390MHz
Min: 20.675, Max : 25.670
SD : 0.803, Mean: 22.470
HPBW(arcmin)
26
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20
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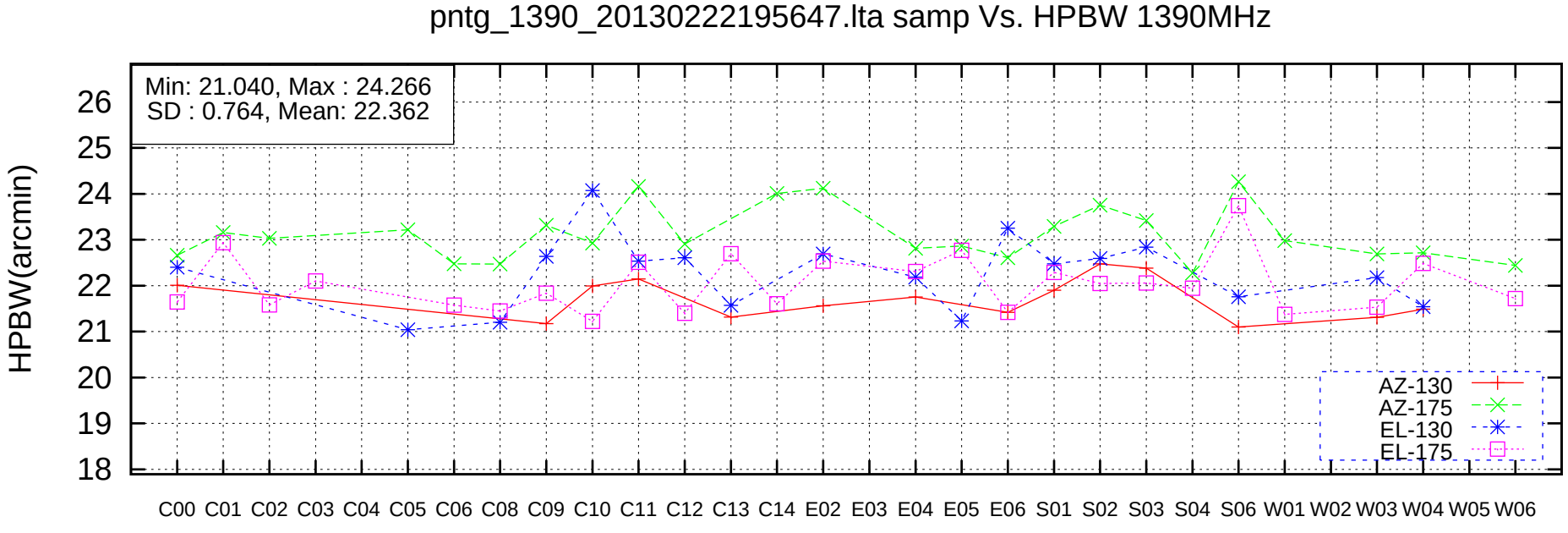
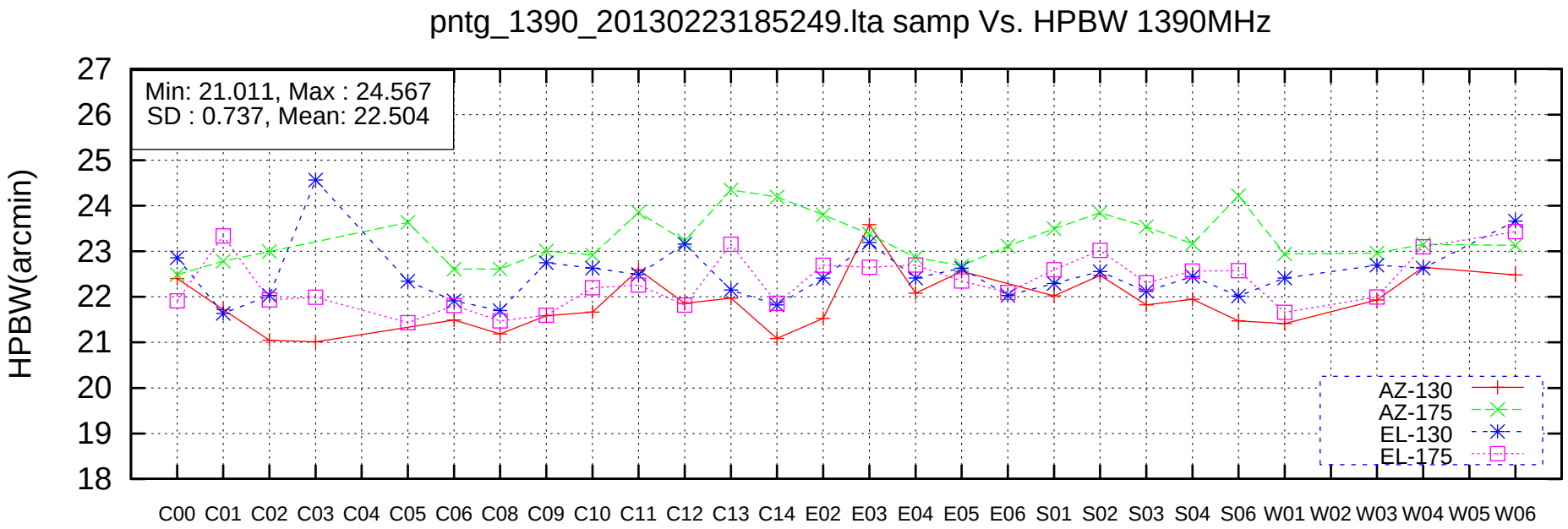
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130222195647.lta samp Vs. HPBW 1390MHz
Min: 21.040, Max : 24.266
SD : 0.764, Mean: 22.362
HPBW(arcmin)
26
25
24
23
22
21
20
19
18
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130223185249.lta samp Vs. HPBW 1390MHz
Min: 21.011, Max : 24.567
SD : 0.737, Mean: 22.504
HPBW(arcmin)
27
26
25
24
23
22
21
20
19
18
AZ-130
AZ-175
EL-130
EL-175
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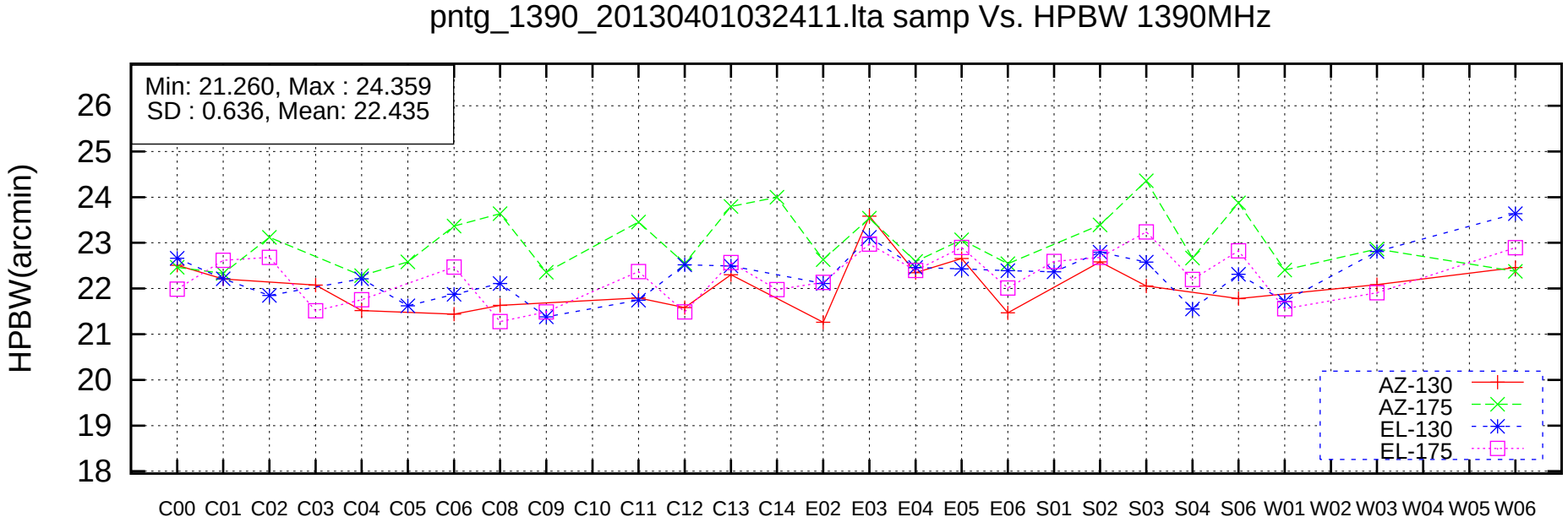
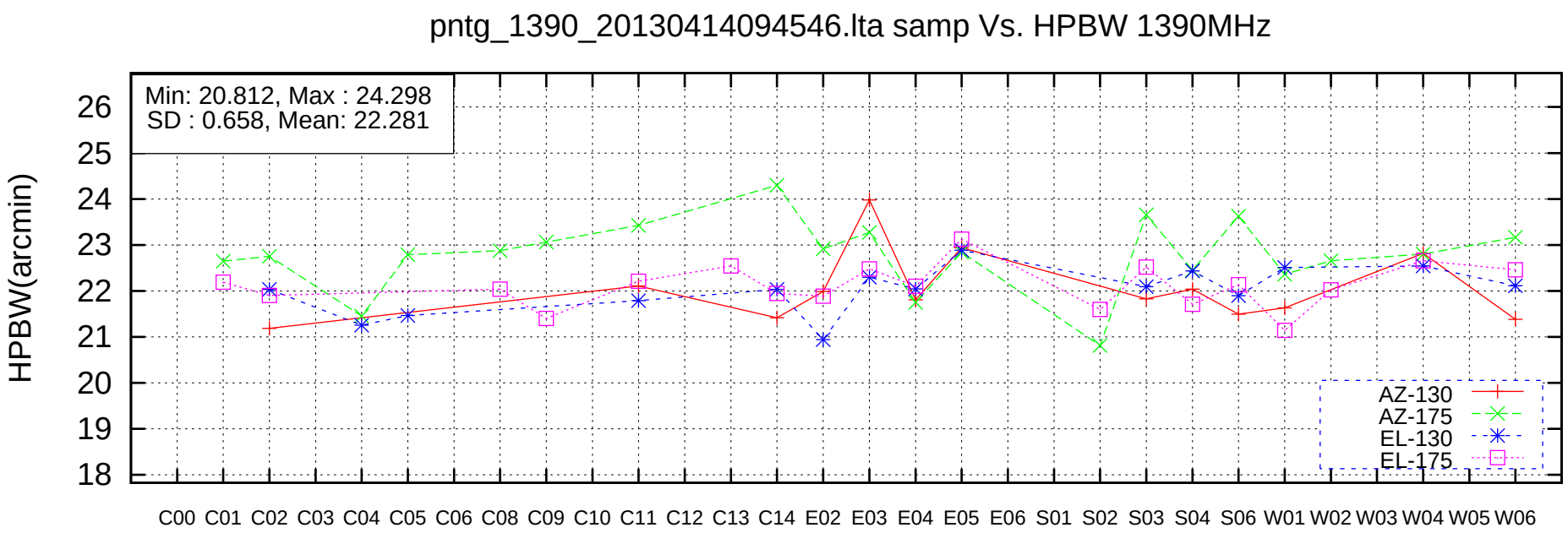
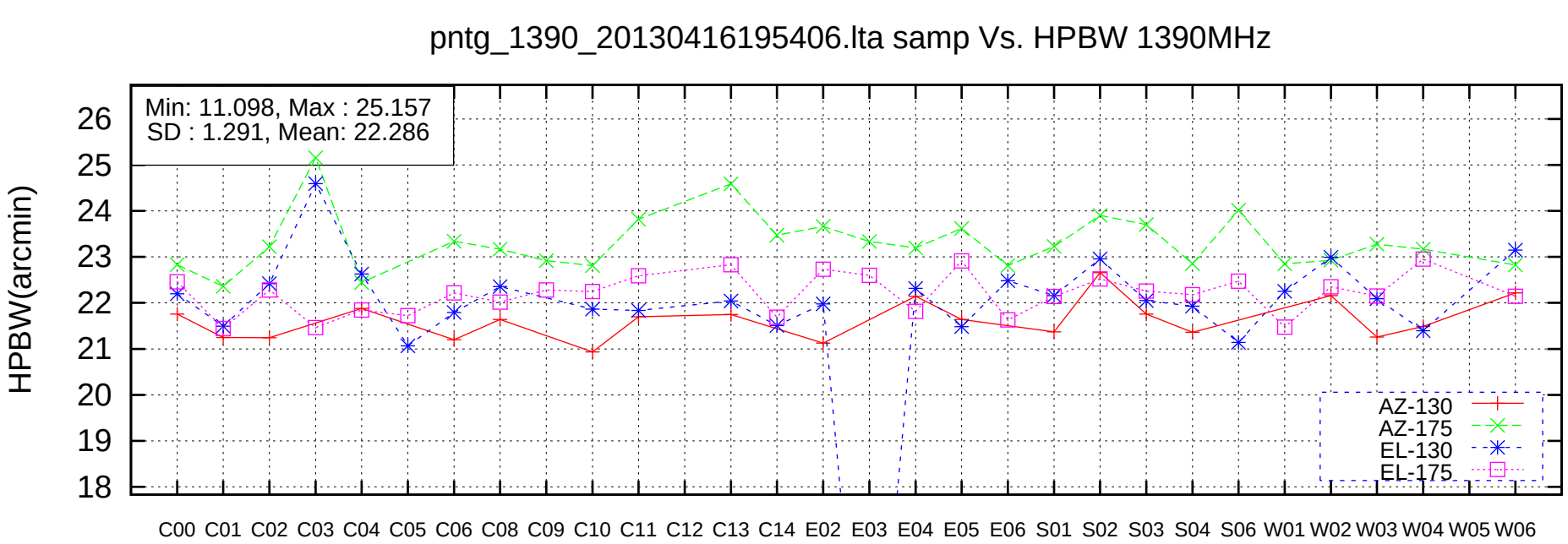
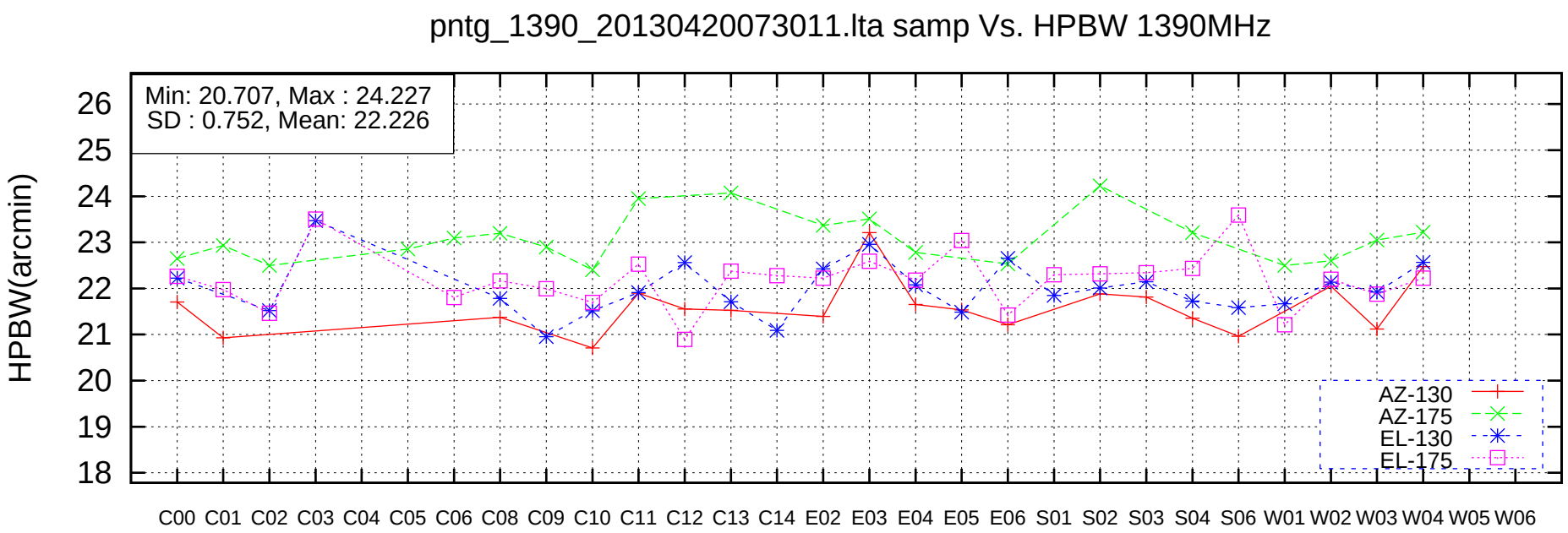

pntg_1390_20130401032411.lta samp Vs. HPBW 1390MHz
Min: 21.260, Max : 24.359
SD : 0.636, Mean: 22.435
HPBW(arcmin)
26
25
24
23
22
21
20
19
18
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130414094546.lta samp Vs. HPBW 1390MHz
Min: 20.812, Max : 24.298
SD : 0.658, Mean: 22.281
HPBW(arcmin)
26
25
24
23
22
21
20
19
18
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130416195406.lta samp Vs. HPBW 1390MHz
Min: 11.098, Max : 25.157
SD : 1.291, Mean: 22.286
HPBW(arcmin)
26
25
24
23
22
21
20
19
18
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130420073011.lta samp Vs. HPBW 1390MHz
Min: 20.707, Max : 24.227
SD : 0.752, Mean: 22.226
HPBW(arcmin)
26
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22
21
20
19
18
AZ-130
AZ-175
EL-130
EL-175
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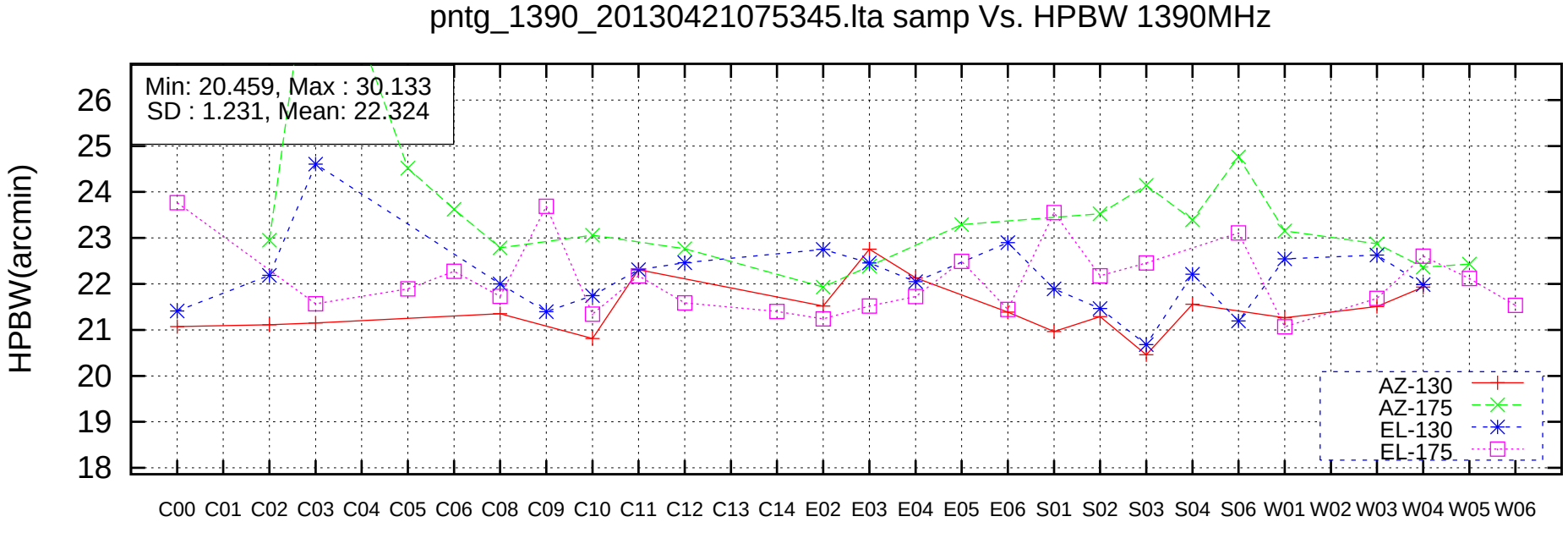
pntg_1390_20130421075345.lta samp Vs. HPBW 1390MHz
Min: 20.459, Max : 30.133
SD : 1.231, Mean: 22.324
HPBW(arcmin)
26
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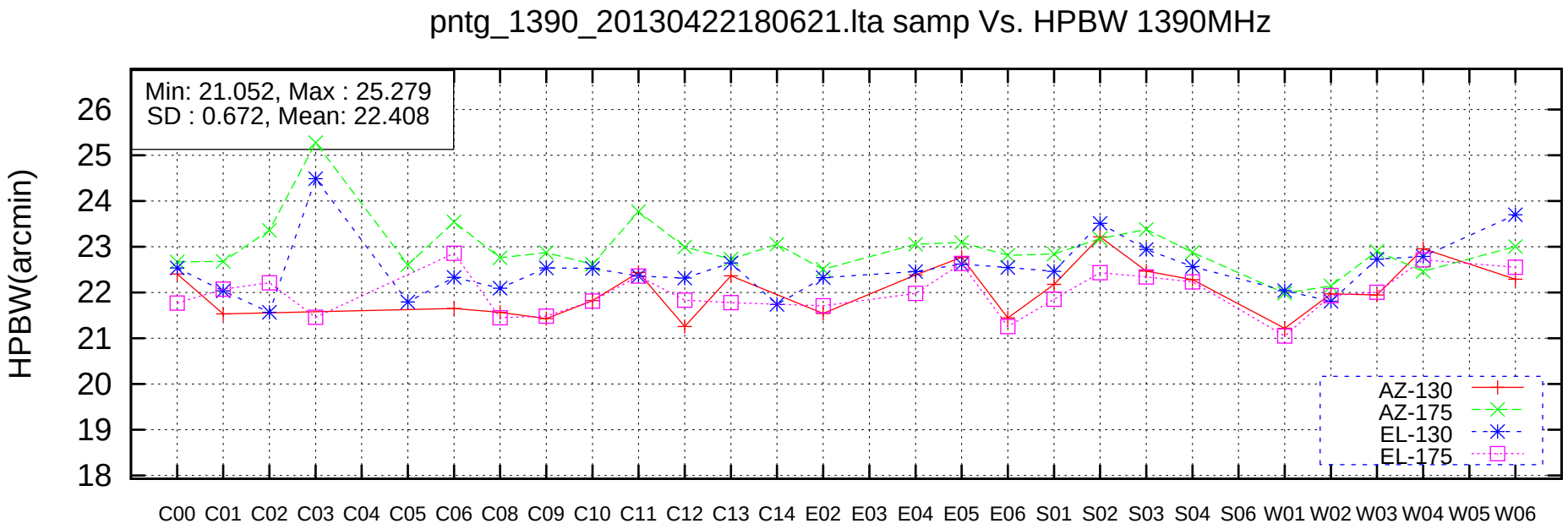
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130422180621.lta samp Vs. HPBW 1390MHz
Min: 21.052, Max : 25.279
SD : 0.672, Mean: 22.408
HPBW(arcmin)
26
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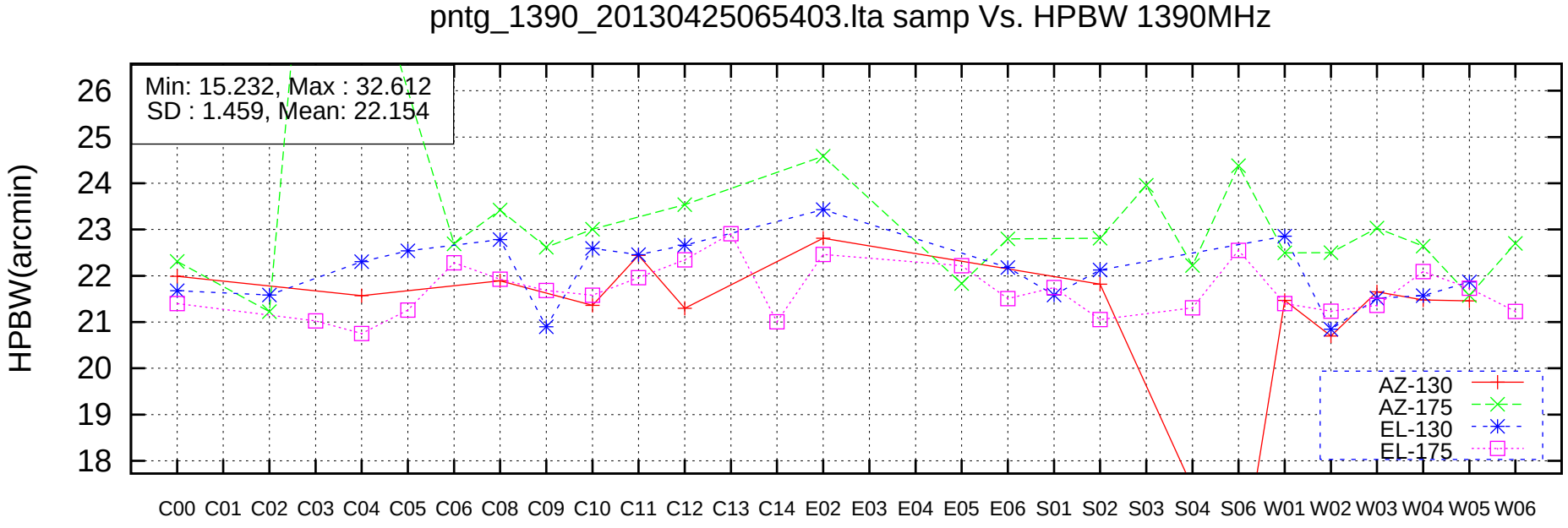
22
21
20
19
18
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130425065403.lta samp Vs. HPBW 1390MHz
Min: 15.232, Max : 32.612
SD : 1.459, Mean: 22.154
HPBW(arcmin)
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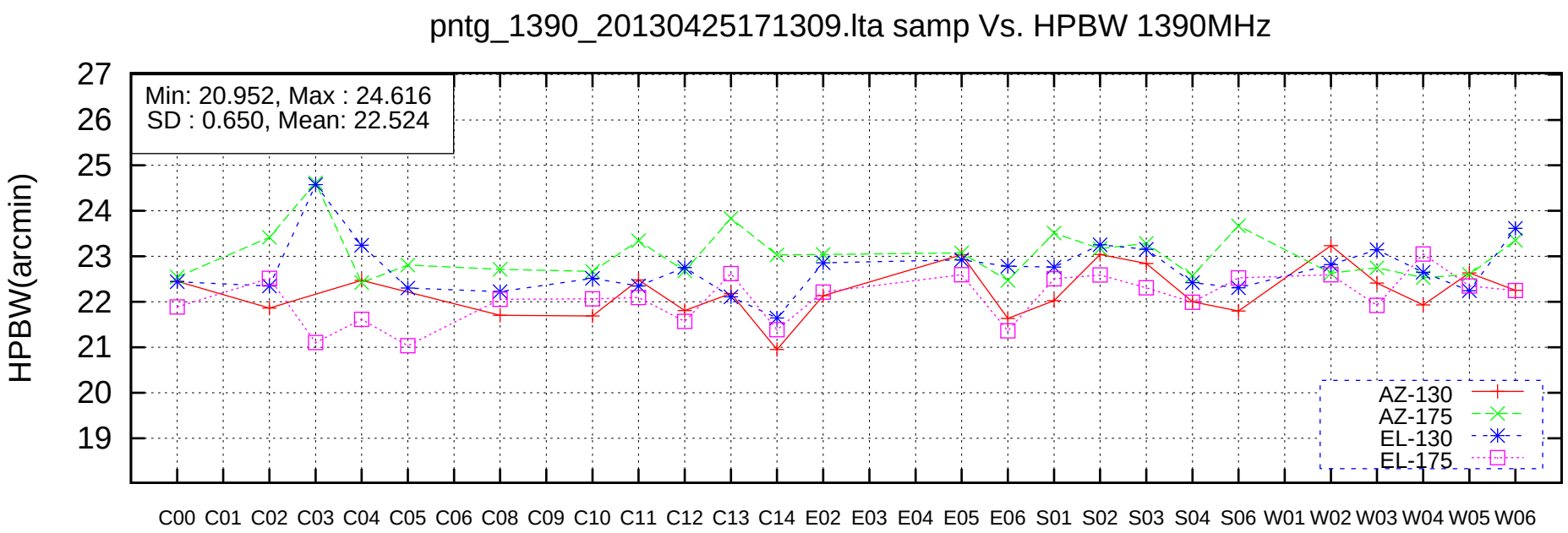
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130425171309.lta samp Vs. HPBW 1390MHz
Min: 20.952, Max : 24.616
SD : 0.650, Mean: 22.524
HPBW(arcmin)
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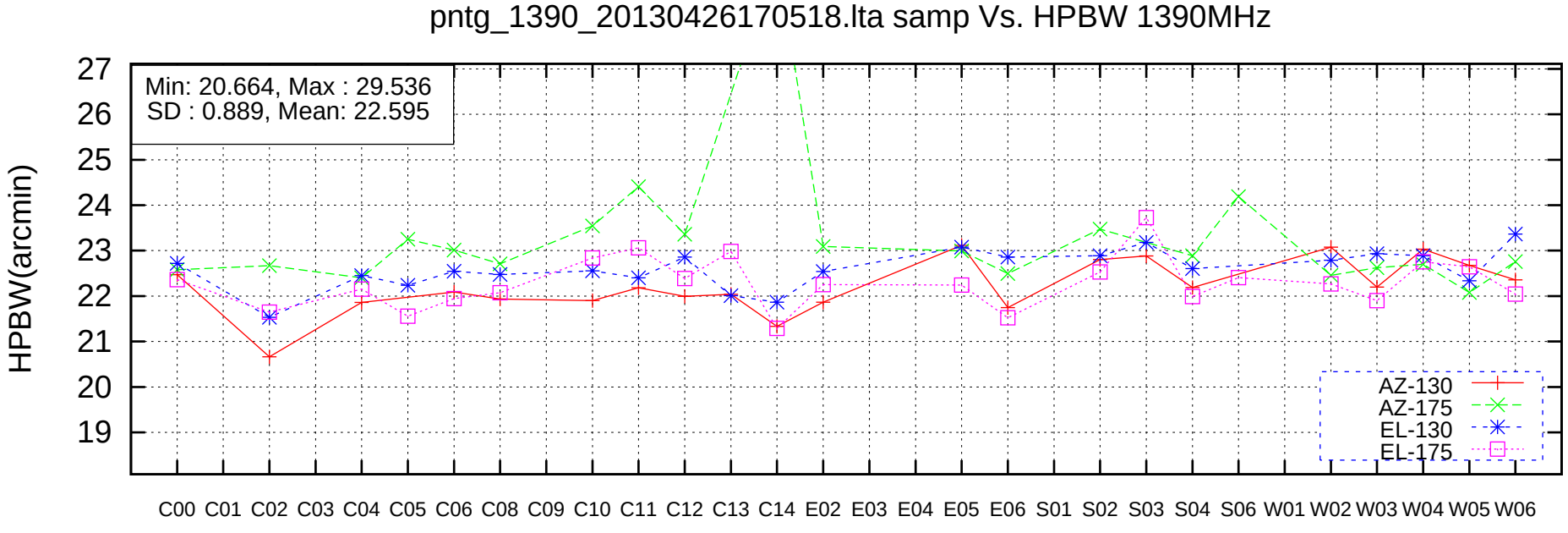
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130426170518.lta samp Vs. HPBW 1390MHz
Min: 20.664, Max : 29.536
SD : 0.889, Mean: 22.595
HPBW(arcmin)
27
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23
22
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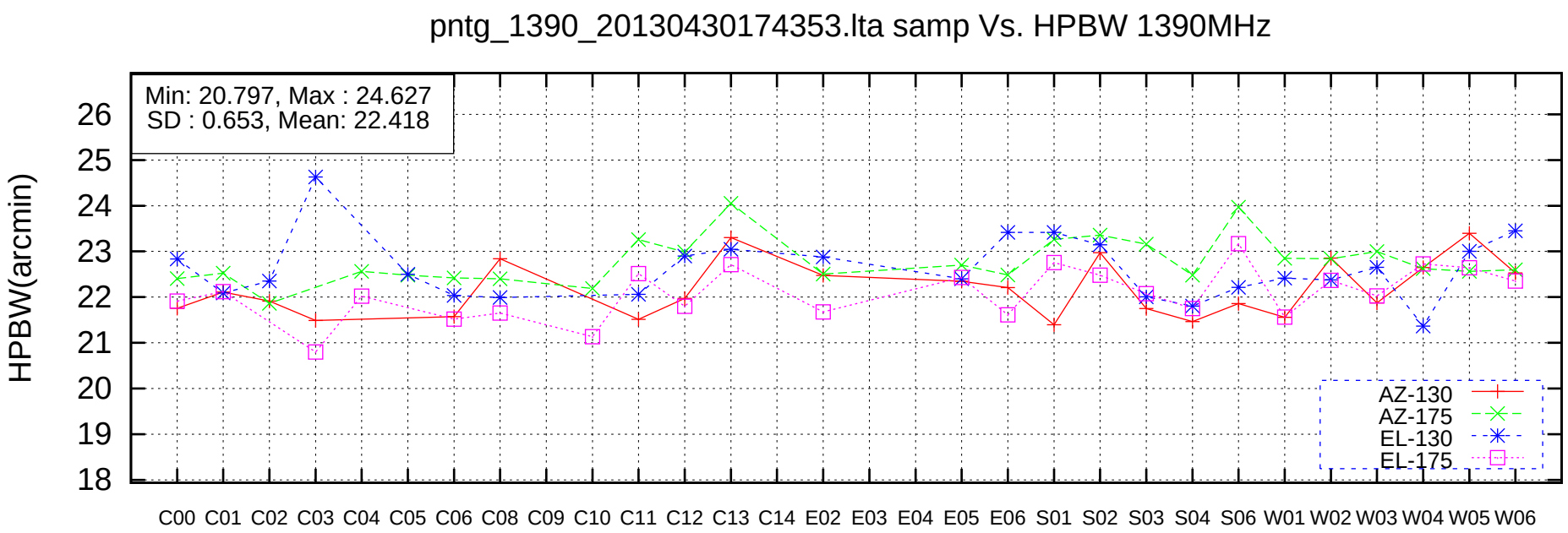
20
19
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130430174353.lta samp Vs. HPBW 1390MHz
Min: 20.797, Max : 24.627
SD : 0.653, Mean: 22.418
HPBW(arcmin)
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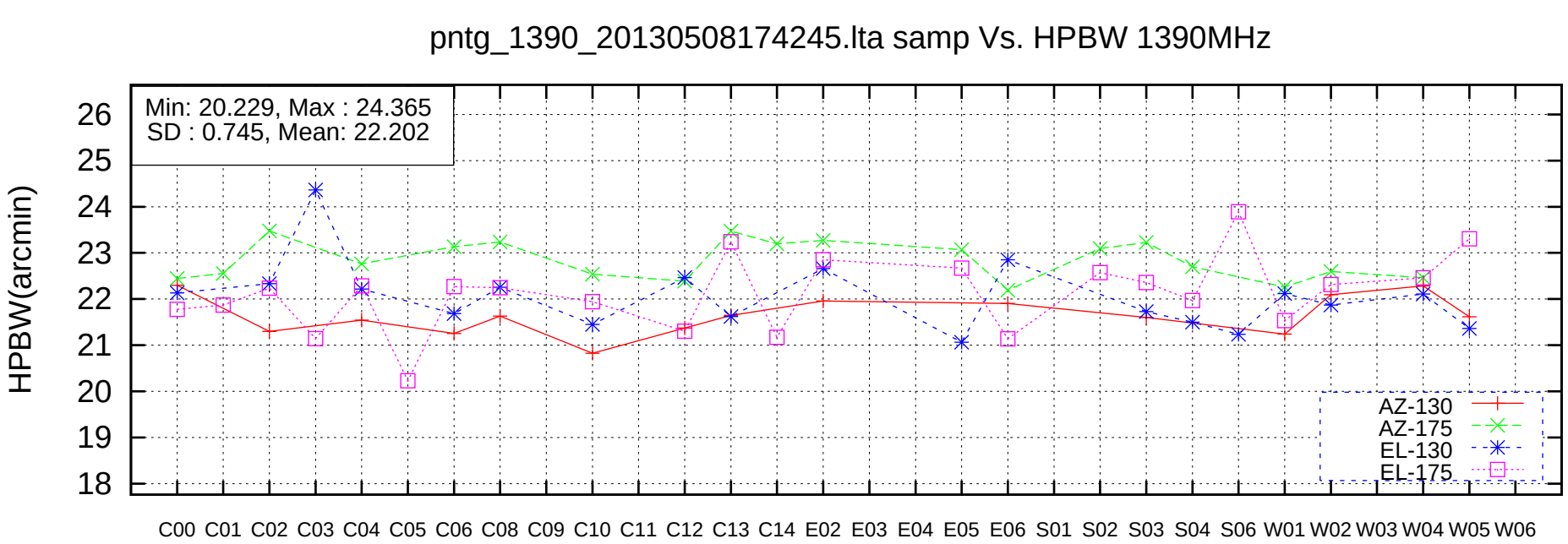
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06
AZ-130
AZ-175
EL-130
EL-175


pntg_1390_20130508174245.lta samp Vs. HPBW 1390MHz
Min: 20.229, Max : 24.365
SD : 0.745, Mean: 22.202
HPBW(arcmin)
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C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06
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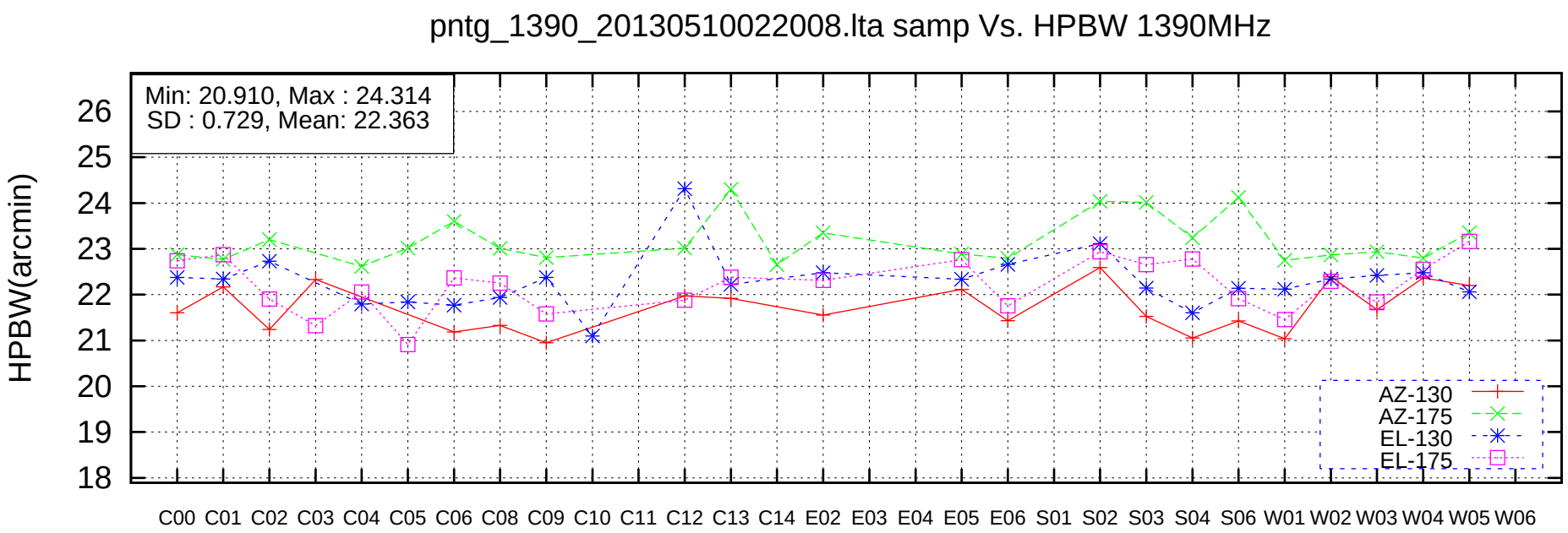
AZ-175
EL-130
EL-175


pntg_1390_20130510022008.lta samp Vs. HPBW 1390MHz
Min: 20.910, Max : 24.314
SD : 0.729, Mean: 22.363
HPBW(arcmin)
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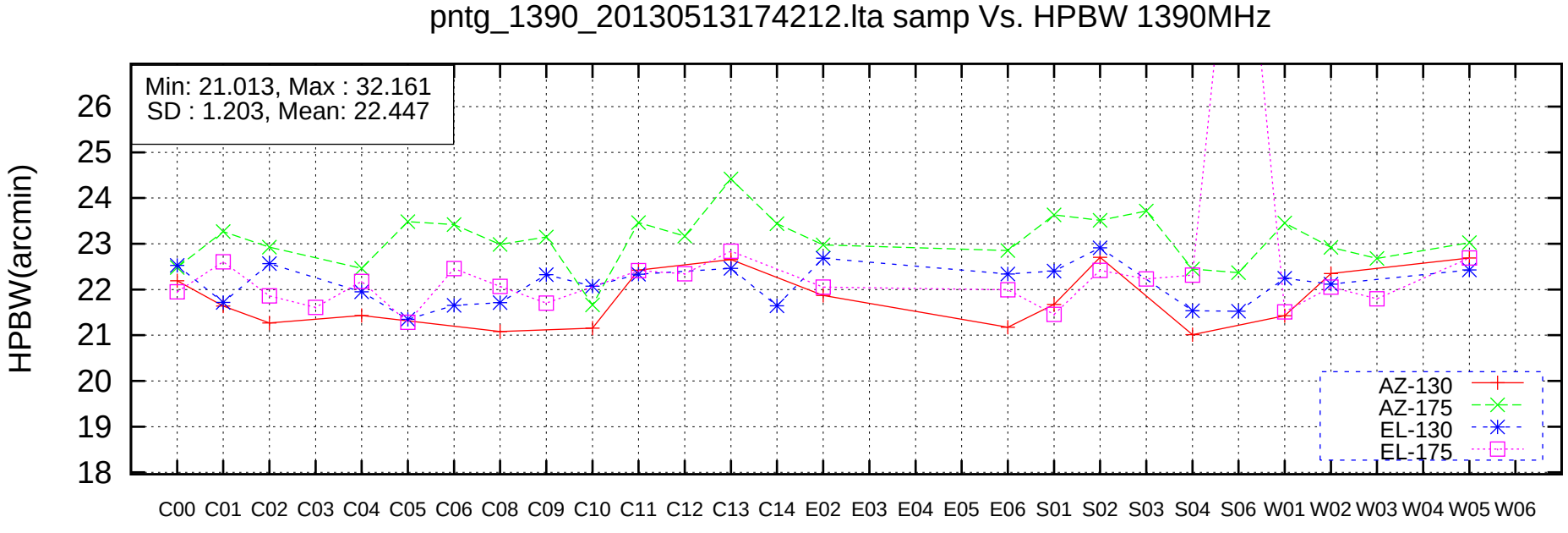
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130513174212.lta samp Vs. HPBW 1390MHz
Min: 21.013, Max : 32.161
SD : 1.203, Mean: 22.447
HPBW(arcmin)
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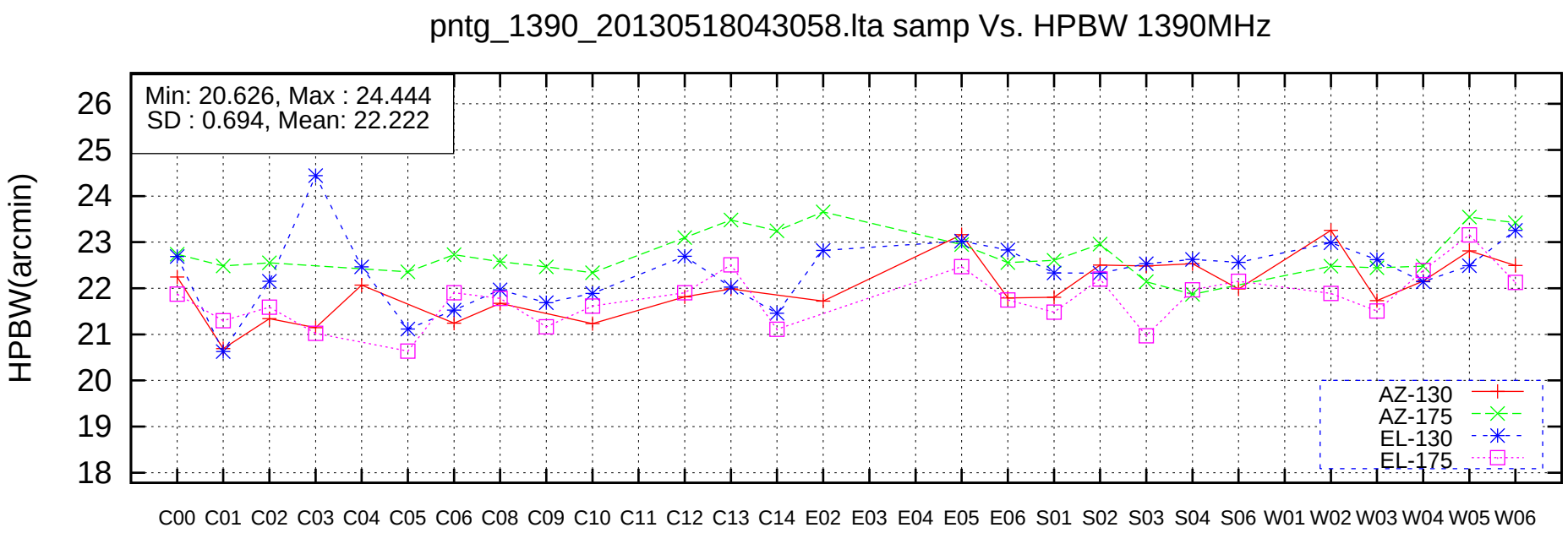
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130518043058.lta samp Vs. HPBW 1390MHz
Min: 20.626, Max : 24.444
SD : 0.694, Mean: 22.222
HPBW(arcmin)
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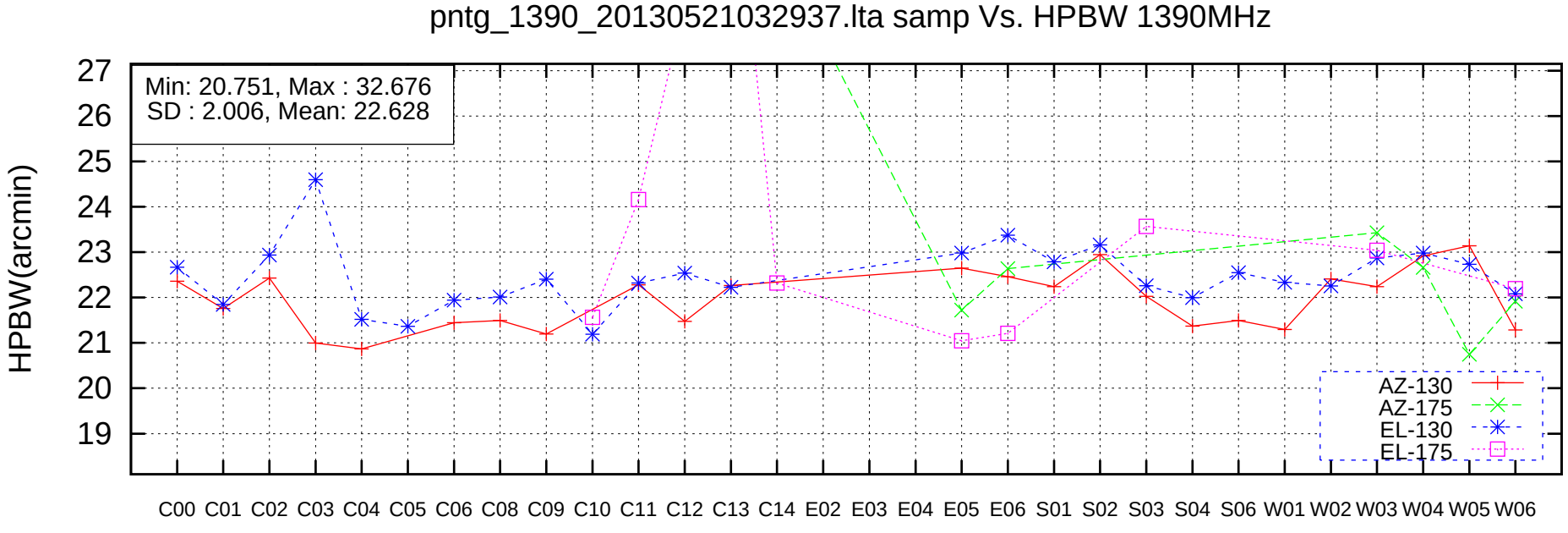
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130521032937.lta samp Vs. HPBW 1390MHz
Min: 20.751, Max : 32.676
SD : 2.006, Mean: 22.628
HPBW(arcmin)
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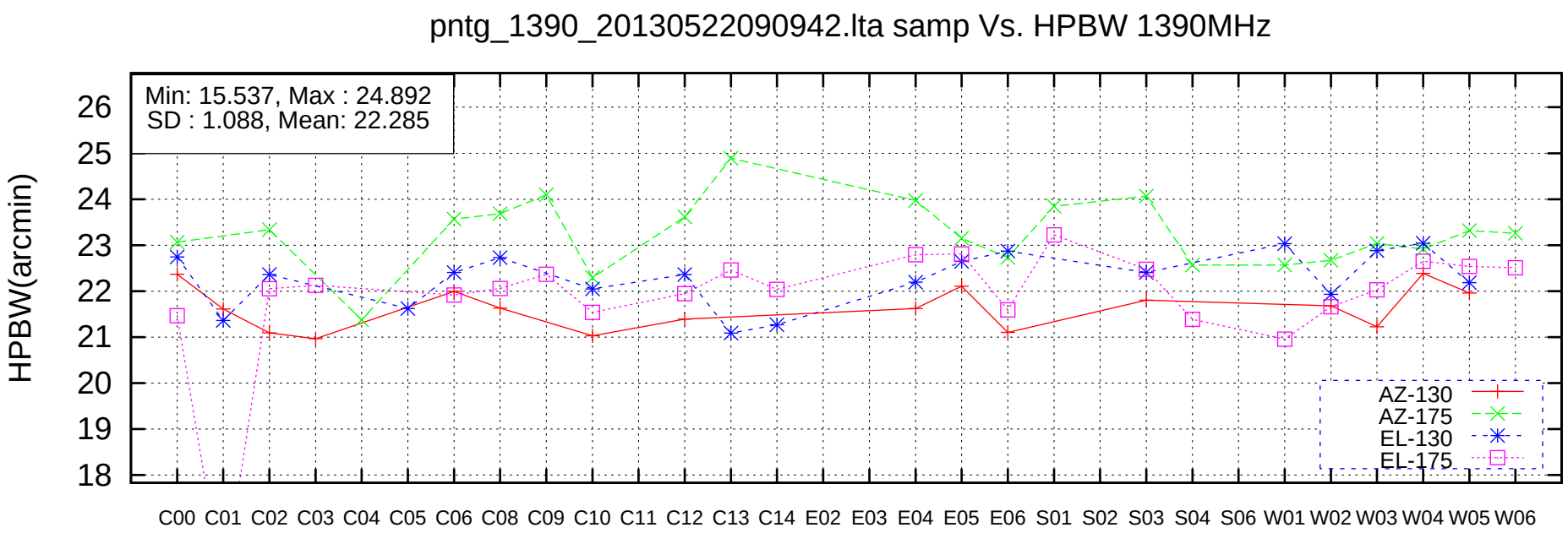
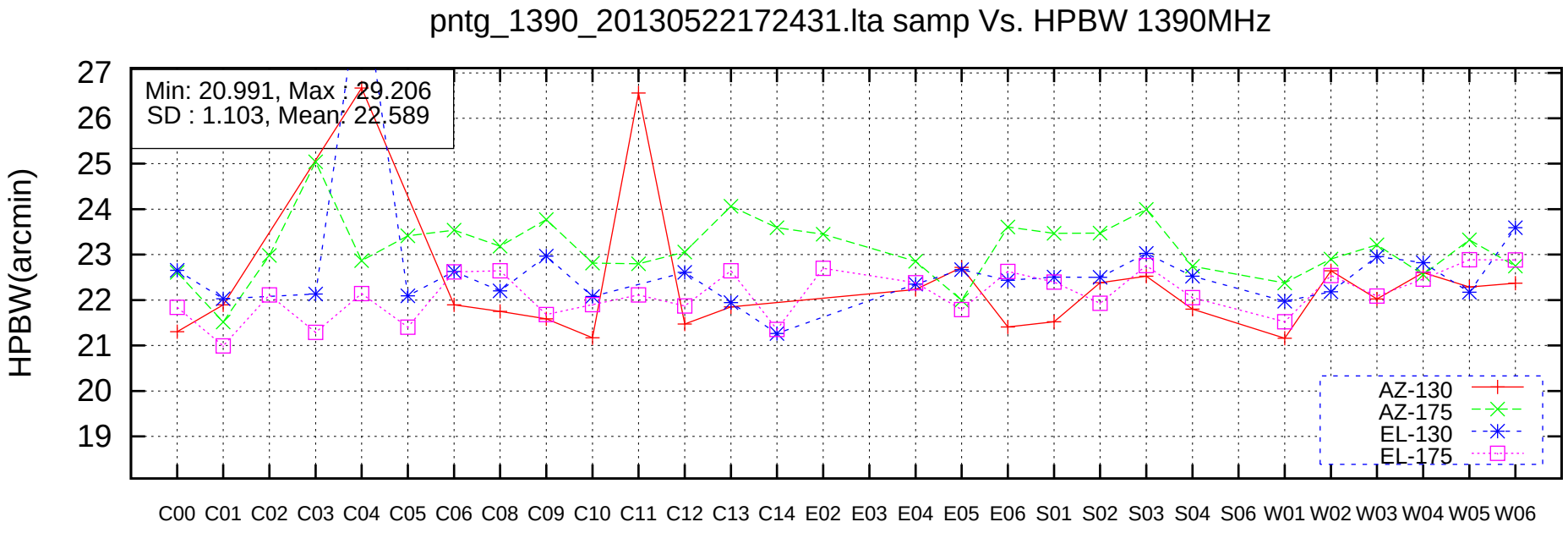
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130522090942.lta samp Vs. HPBW 1390MHz
Min: 15.537, Max : 24.892
SD : 1.088, Mean: 22.285
HPBW(arcmin)
26
25
24
23
22
21
20
19
18
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130522172431.lta samp Vs. HPBW 1390MHz
Min: 20.991, Max : 29.206
SD : 1.103, Mean: 22.589
HPBW(arcmin)
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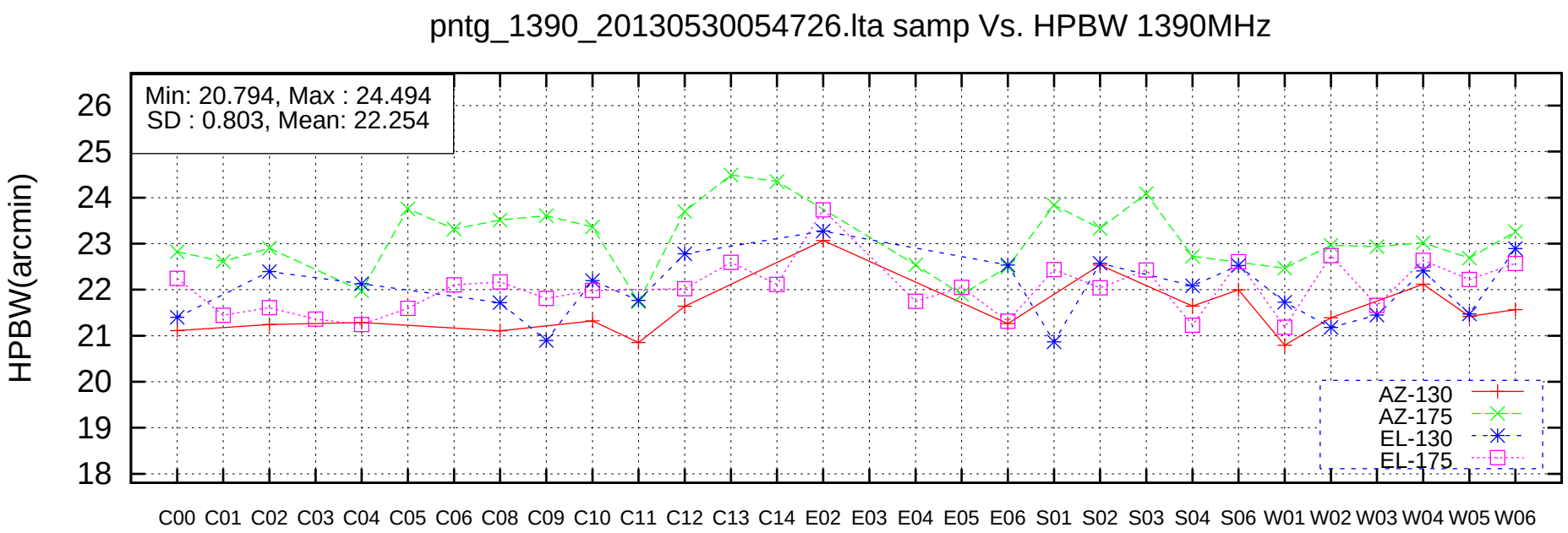
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130530054726.lta samp Vs. HPBW 1390MHz
Min: 20.794, Max : 24.494
SD : 0.803, Mean: 22.254
HPBW(arcmin)
26
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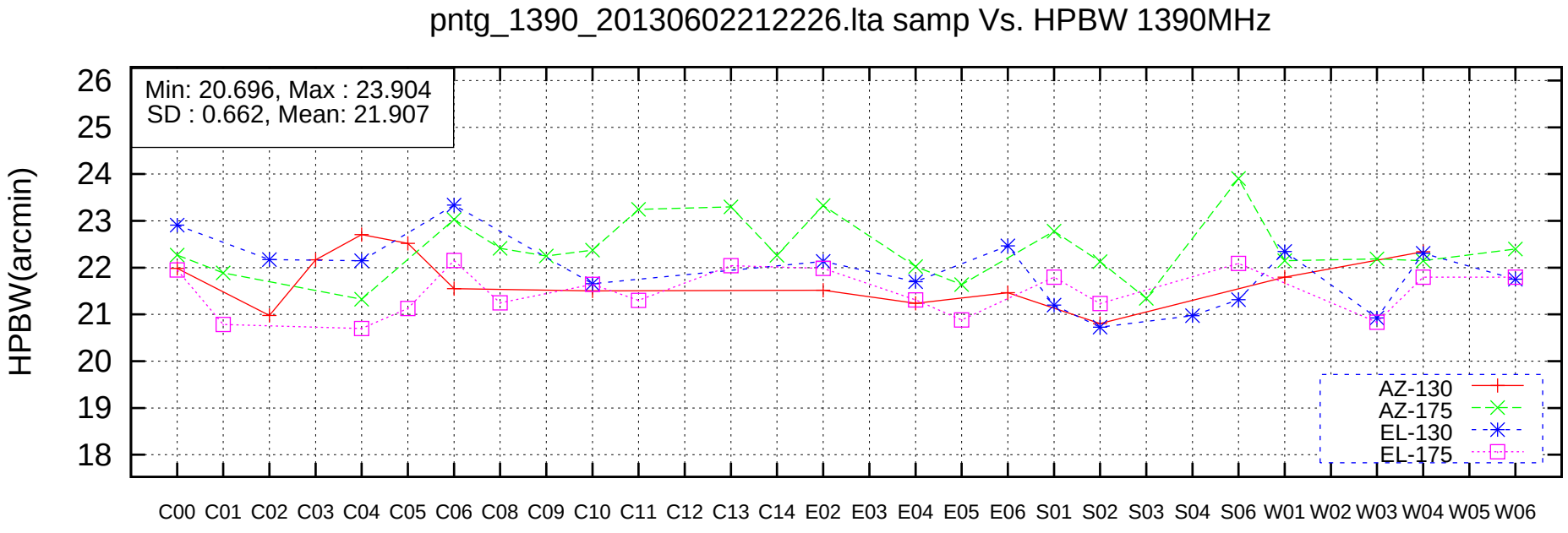
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130602212226.lta samp Vs. HPBW 1390MHz
Min: 20.696, Max : 23.904
SD : 0.662, Mean: 21.907
HPBW(arcmin)
26
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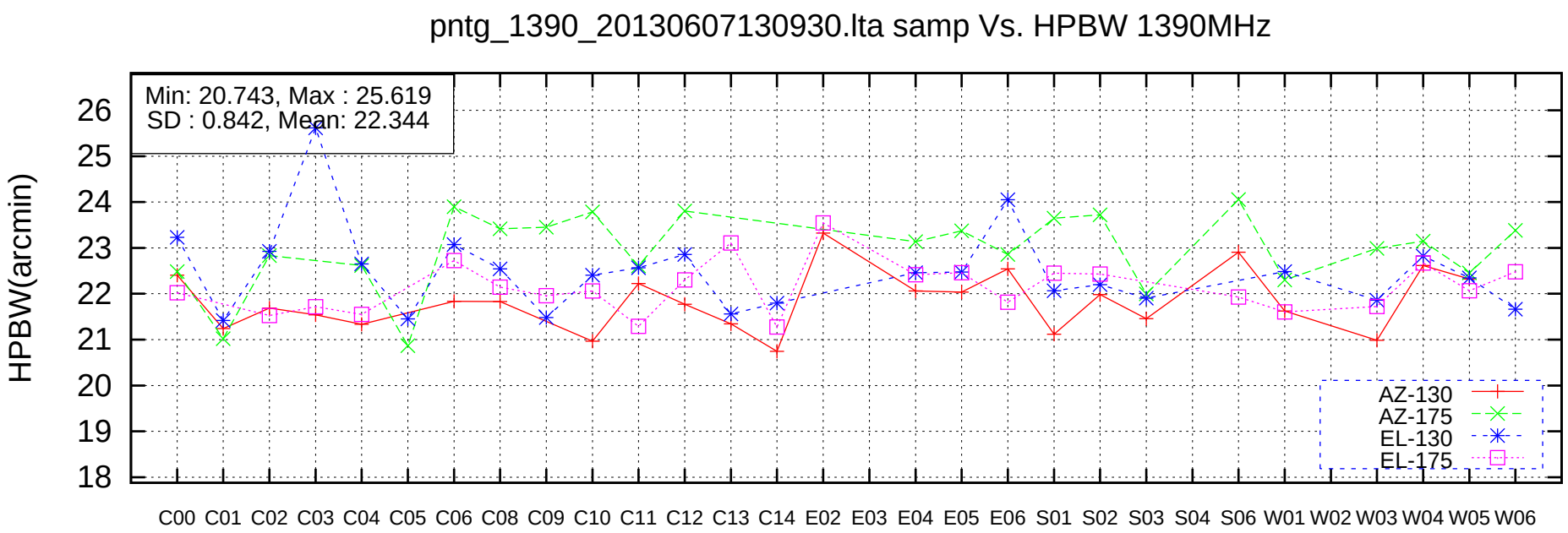
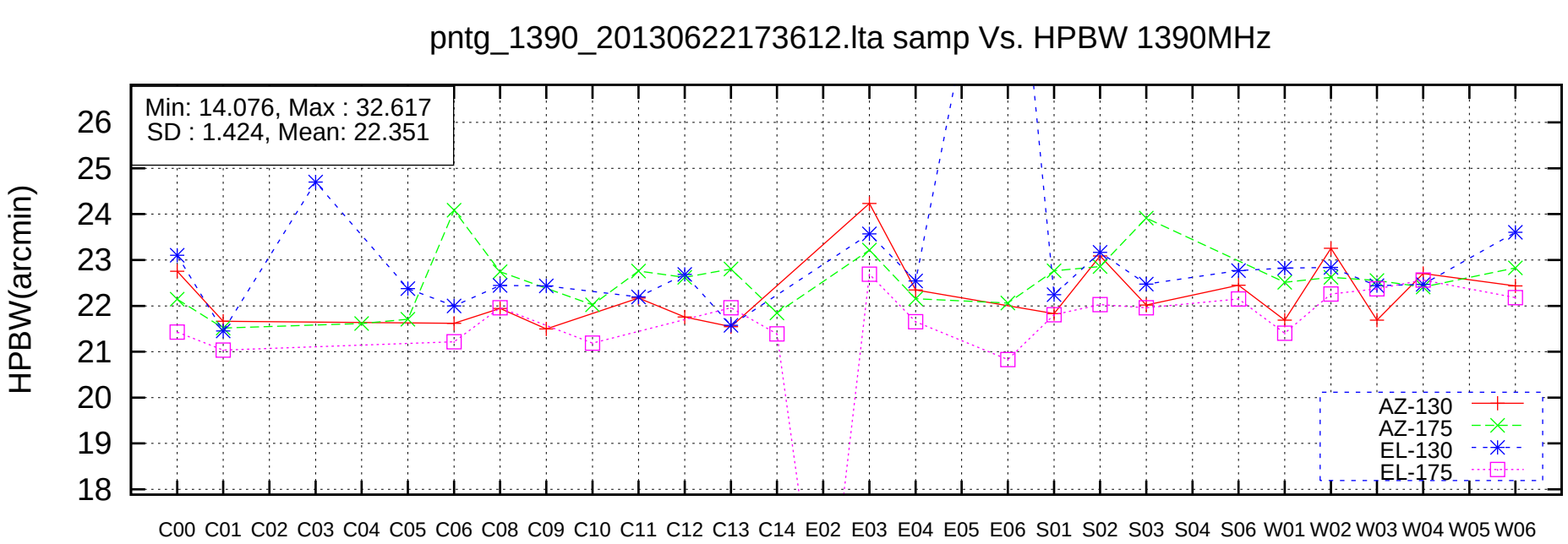
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130607130930.lta samp Vs. HPBW 1390MHz
Min: 20.743, Max : 25.619
SD : 0.842, Mean: 22.344
HPBW(arcmin)
26
25
24
23
22
21
20
19
18
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130622173612.lta samp Vs. HPBW 1390MHz
Min: 14.076, Max : 32.617
SD : 1.424, Mean: 22.351
HPBW(arcmin)
26
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19
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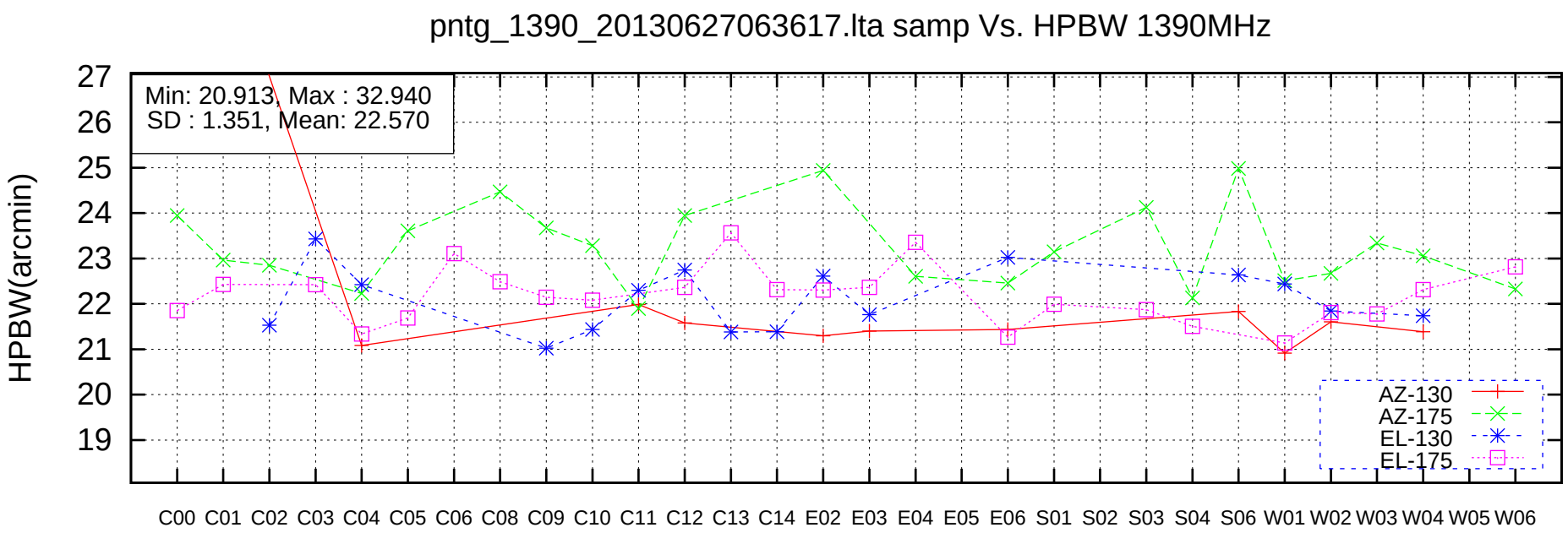
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130627063617.lta samp Vs. HPBW 1390MHz
Min: 20.913, Max : 32.940
SD : 1.351, Mean: 22.570
HPBW(arcmin)
27
26
25
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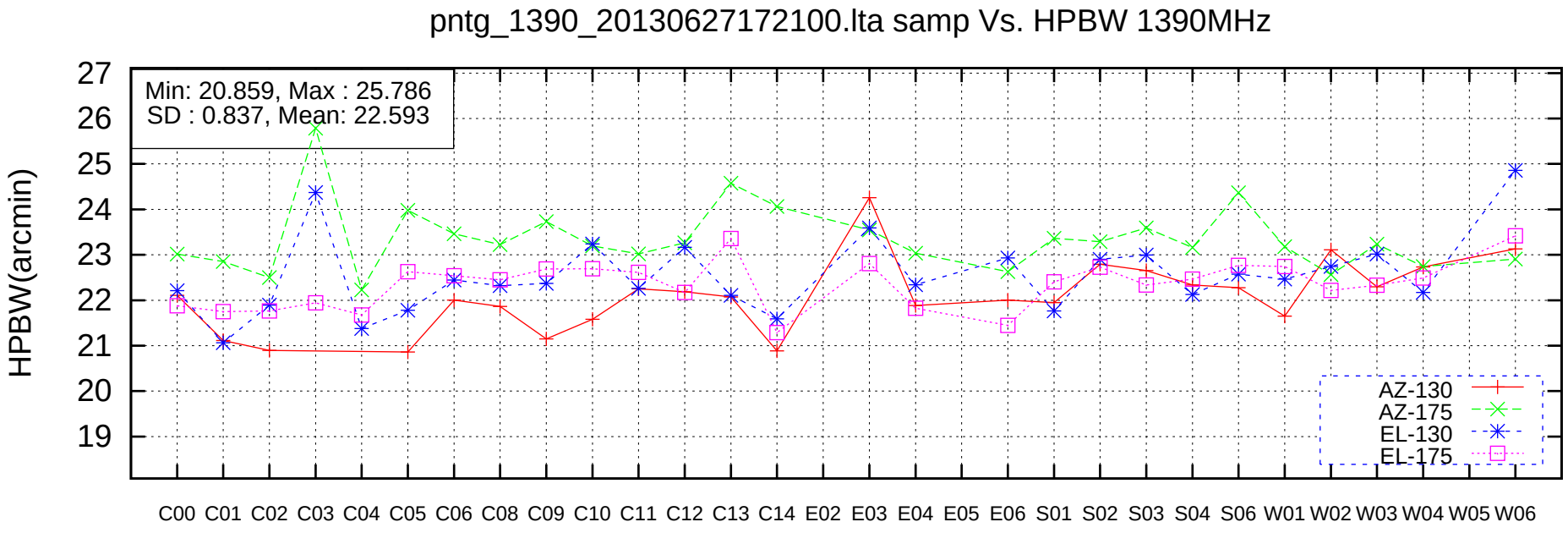
23
22
21
20
19
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130627172100.lta samp Vs. HPBW 1390MHz
Min: 20.859, Max : 25.786
SD : 0.837, Mean: 22.593
HPBW(arcmin)
27
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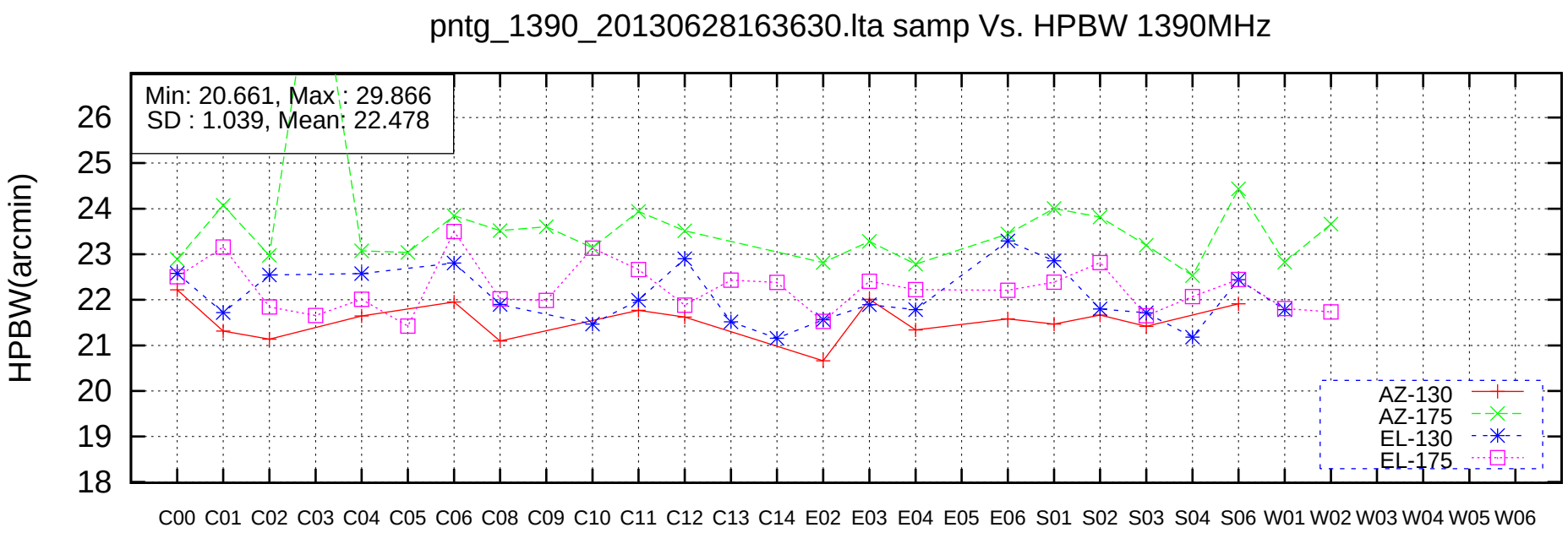
19
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130628163630.lta samp Vs. HPBW 1390MHz
Min: 20.661, Max : 29.866
SD : 1.039, Mean: 22.478
HPBW(arcmin)
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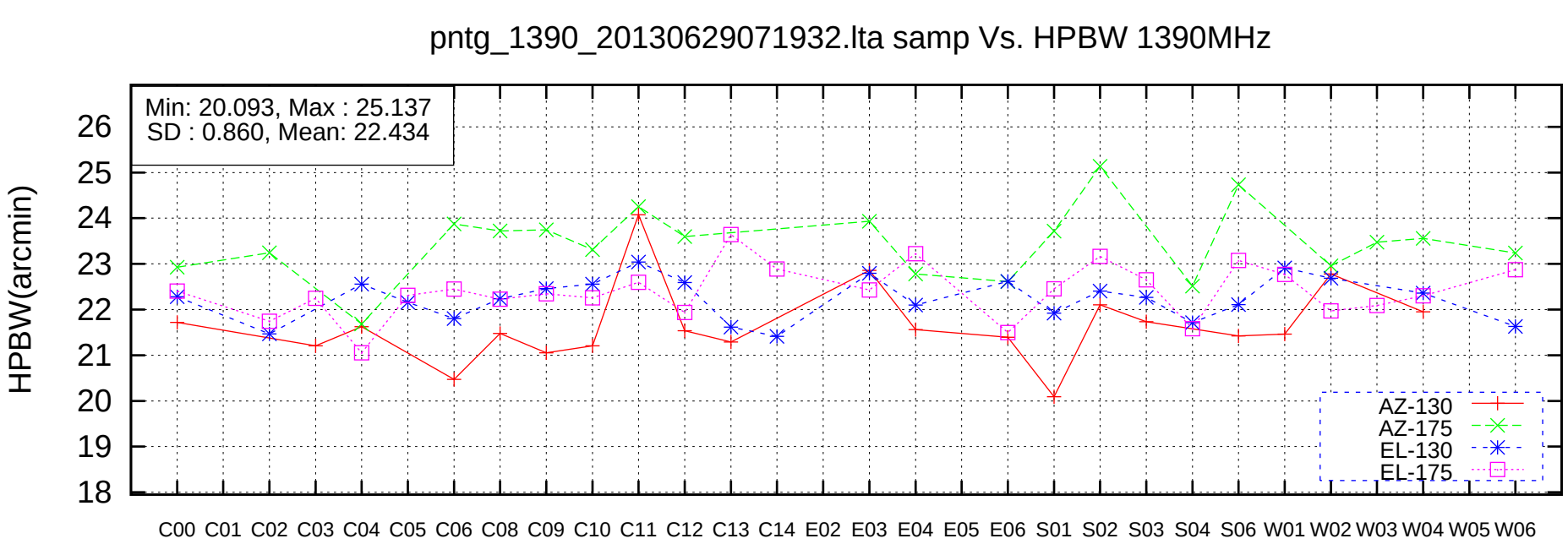
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06
AZ-130
AZ-175
EL-130
EL-175


pntg_1390_20130629071932.lta samp Vs. HPBW 1390MHz
Min: 20.093, Max : 25.137
SD : 0.860, Mean: 22.434
HPBW(arcmin)
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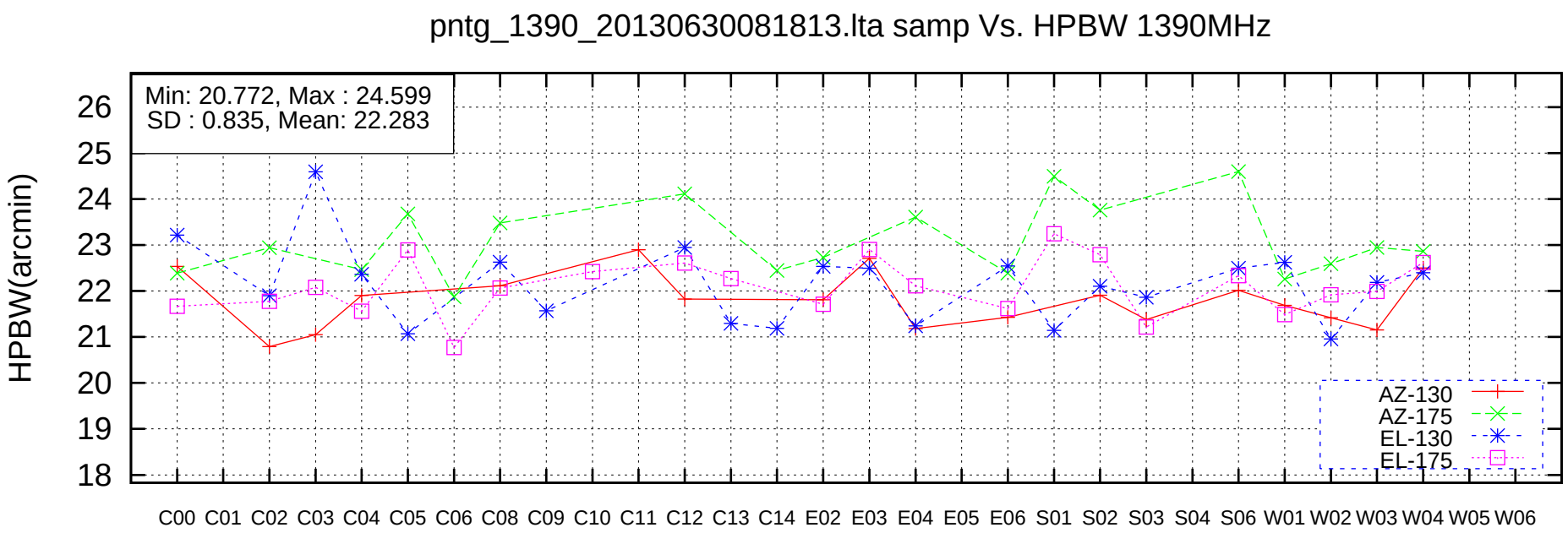
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06
AZ-130
AZ-175
EL-130
EL-175


pntg_1390_20130630081813.lta samp Vs. HPBW 1390MHz
Min: 20.772, Max : 24.599
SD : 0.835, Mean: 22.283
HPBW(arcmin)
26
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21
20
19
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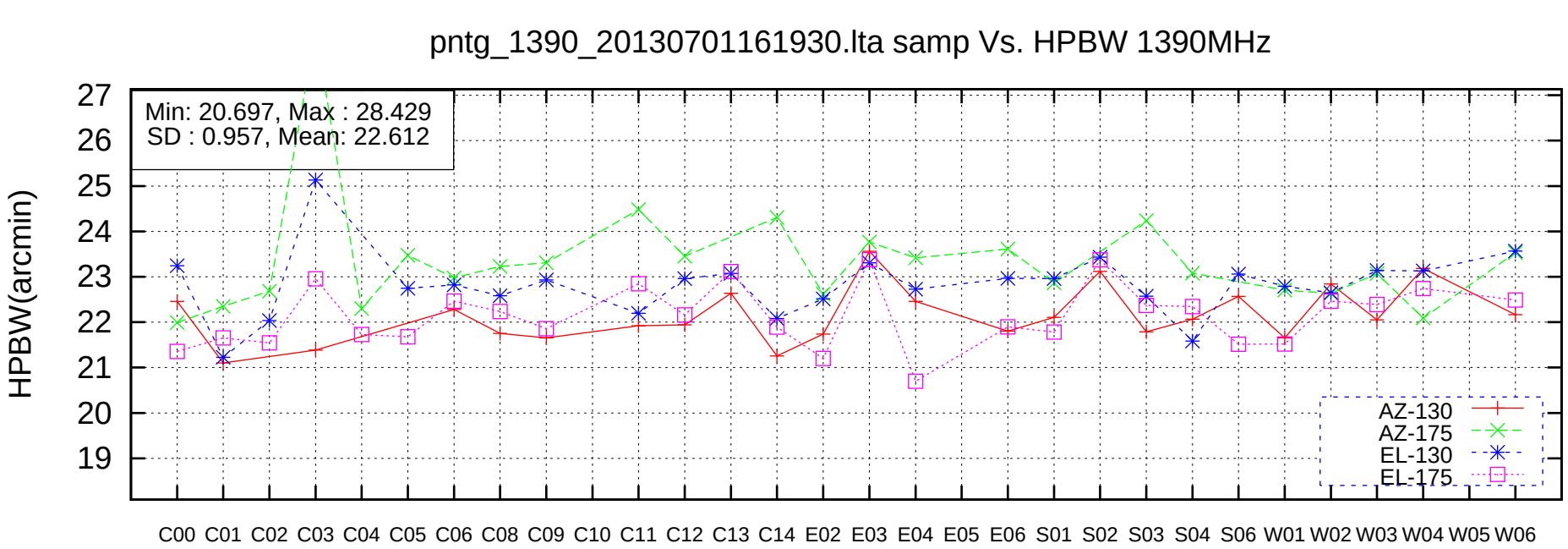
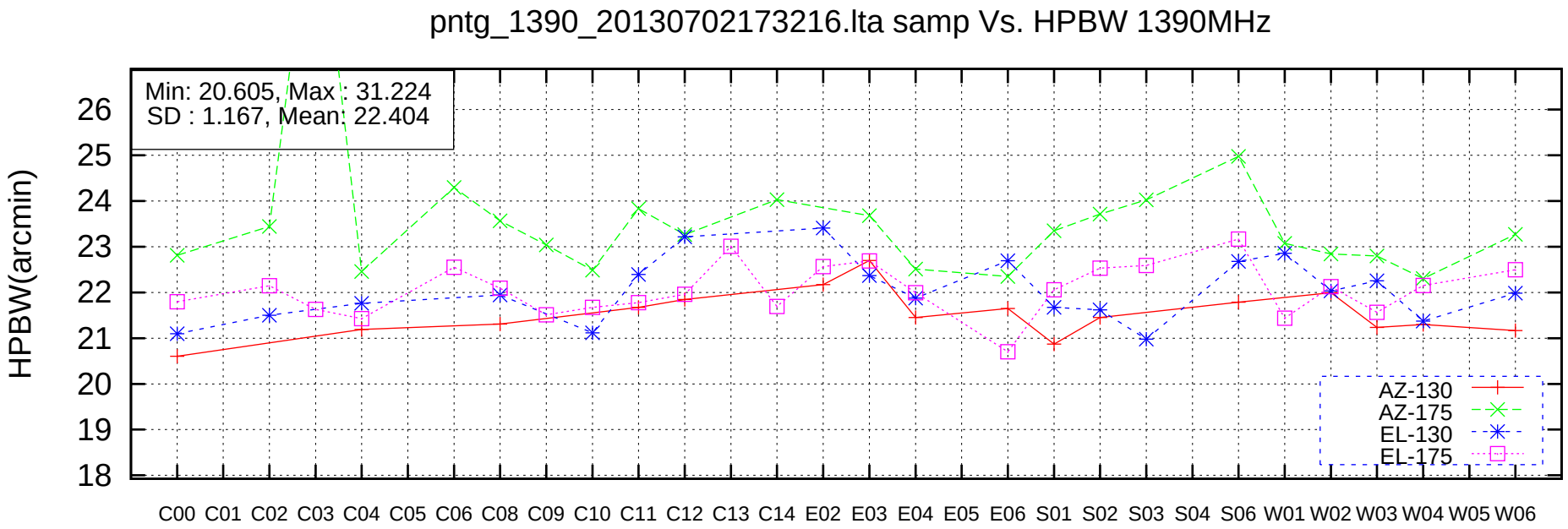
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130701161930.lta samp Vs. HPBW 1390MHz
Min: 20.697, Max : 28.429
SD : 0.957, Mean: 22.612
HPBW(arcmin)
27
26
25
24
23
22
21
20
19
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130702173216.lta samp Vs. HPBW 1390MHz
Min: 20.605, Max : 31.224
SD : 1.167, Mean: 22.404
HPBW(arcmin)
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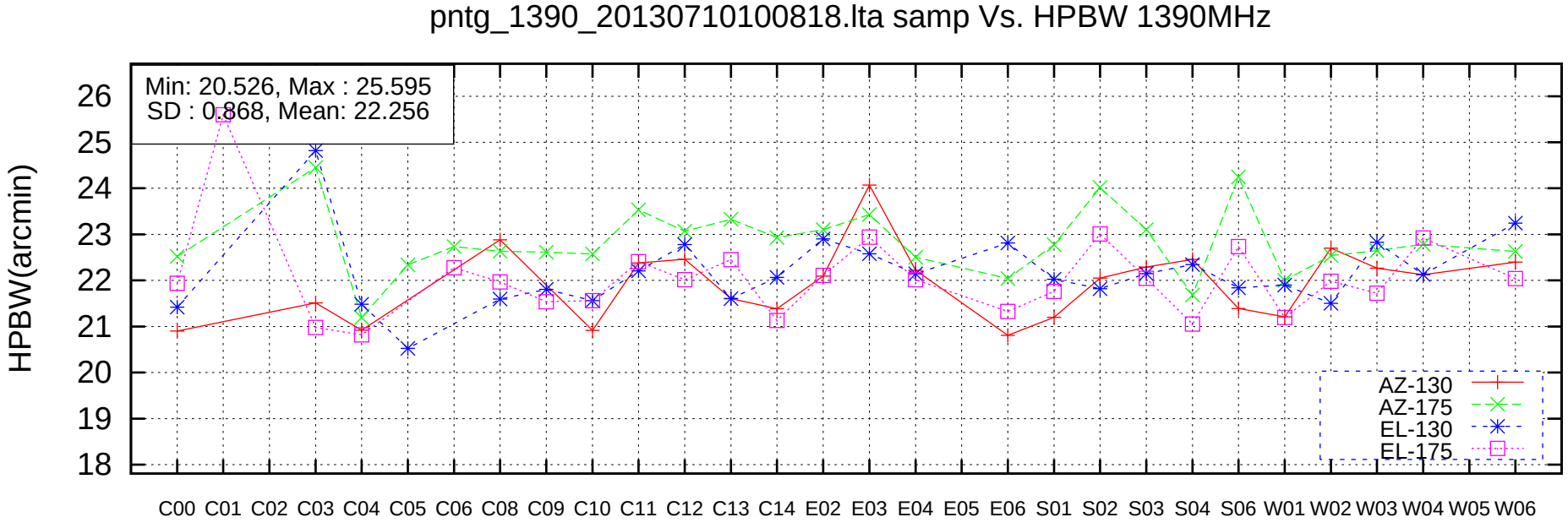
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130710100818.lta samp Vs. HPBW 1390MHz
Min: 20.526, Max : 25.595
SD : 0.868, Mean: 22.256
HPBW(arcmin)
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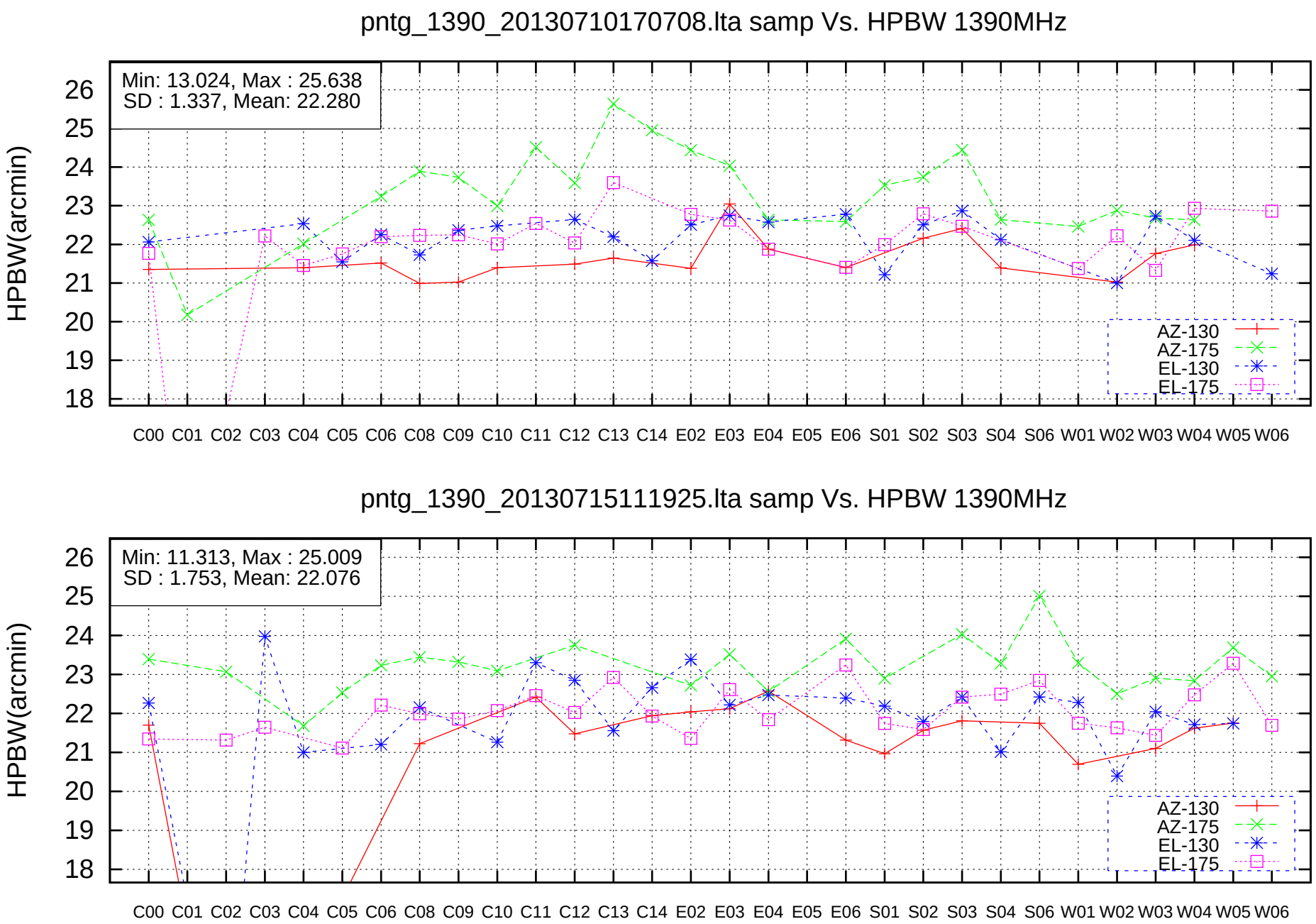
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130710170708.lta samp Vs. HPBW 1390MHz
Min: 13.024, Max : 25.638
SD : 1.337, Mean: 22.280
HPBW(arcmin)
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AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06
pntg_1390_20130715111925.lta samp Vs. HPBW 1390MHz
Min: 11.313, Max : 25.009
SD : 1.753, Mean: 22.076
HPBW(arcmin)
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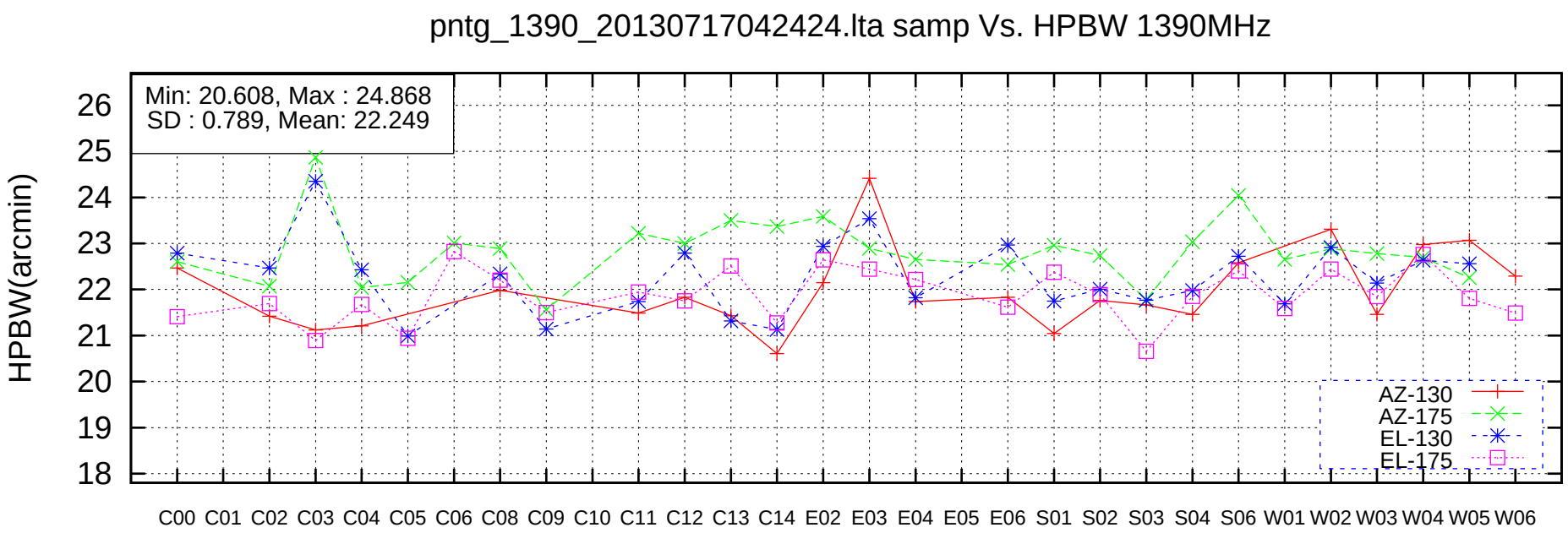
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130717042424.lta samp Vs. HPBW 1390MHz
Min: 20.608, Max : 24.868
SD : 0.789, Mean: 22.249
HPBW(arcmin)
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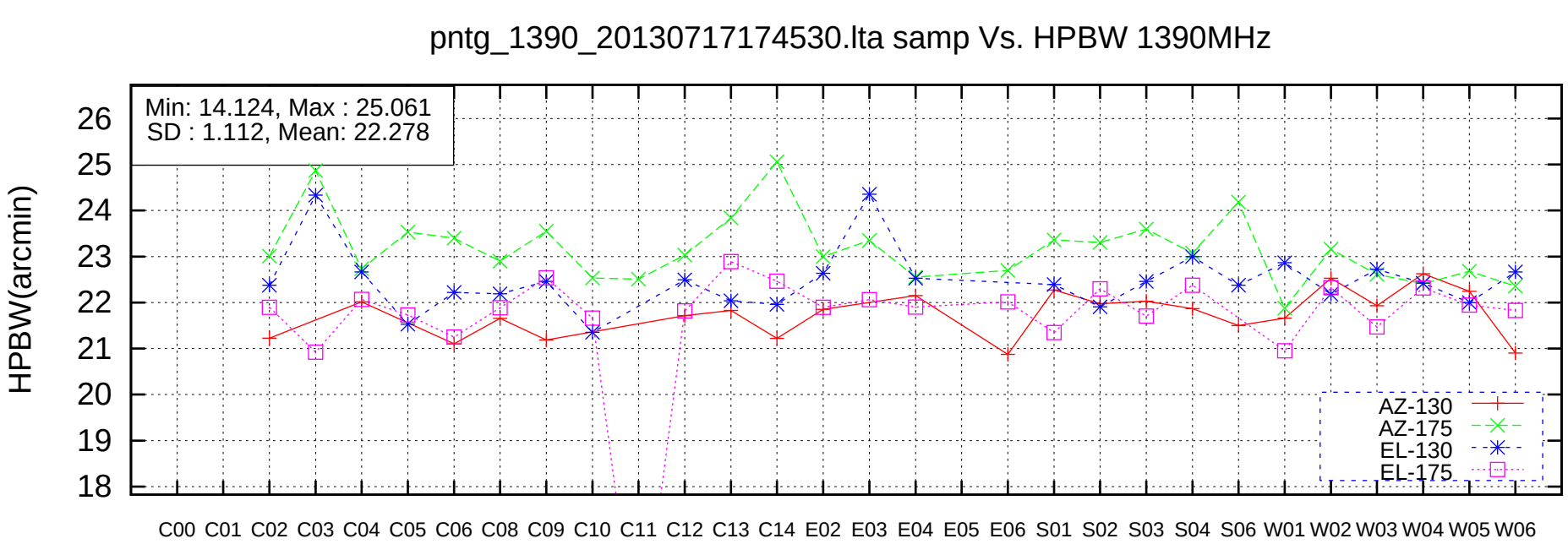
19
18
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130717174530.lta samp Vs. HPBW 1390MHz
Min: 14.124, Max : 25.061
SD : 1.112, Mean: 22.278
HPBW(arcmin)
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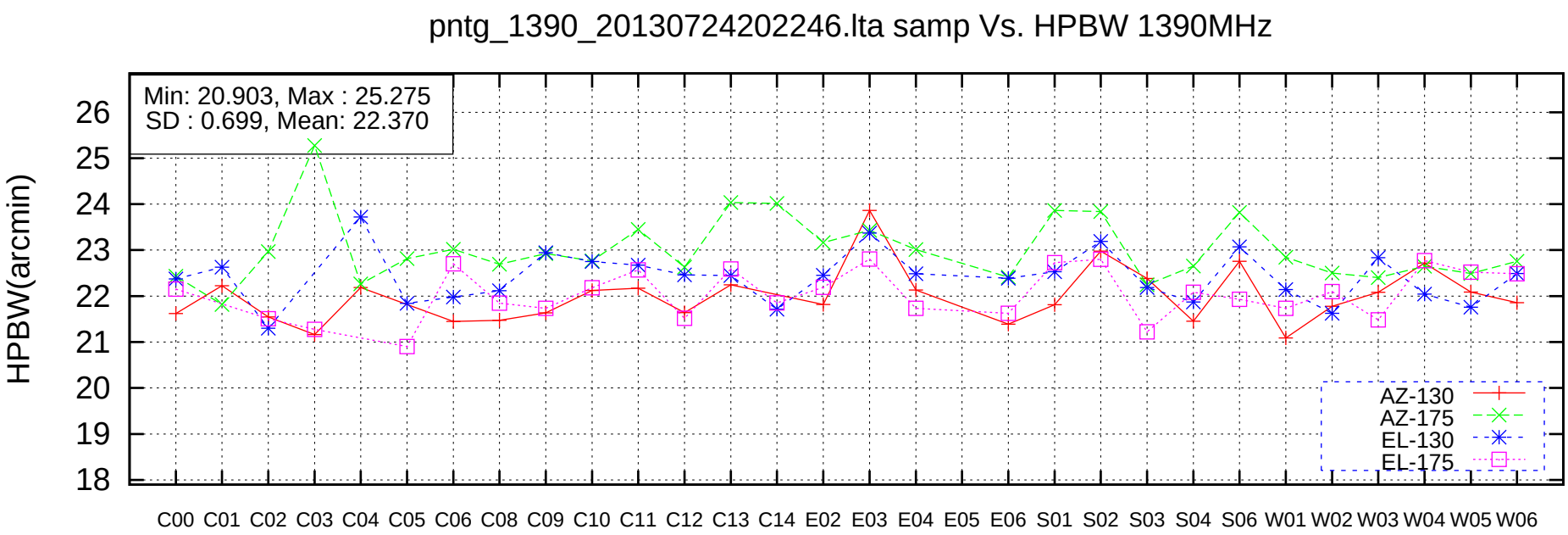
19
18
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130724202246.lta samp Vs. HPBW 1390MHz
Min: 20.903, Max : 25.275
SD : 0.699, Mean: 22.370
HPBW(arcmin)
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19
18
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06
AZ-130
AZ-175
EL-130
EL-175