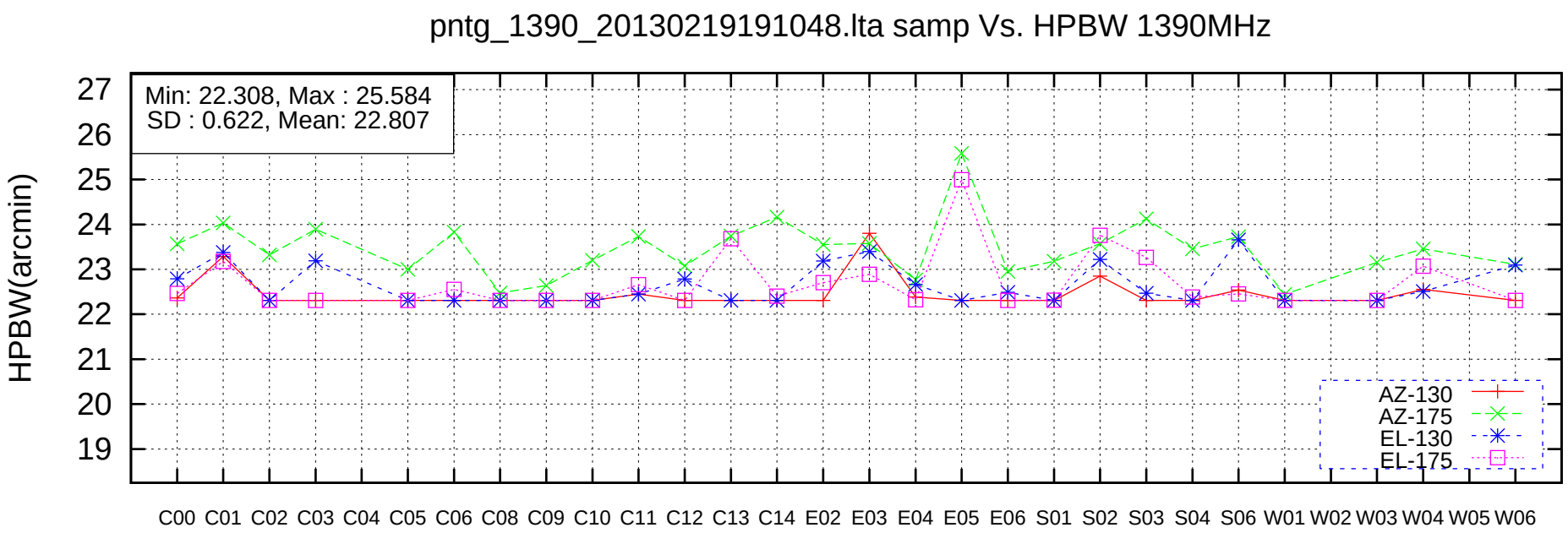
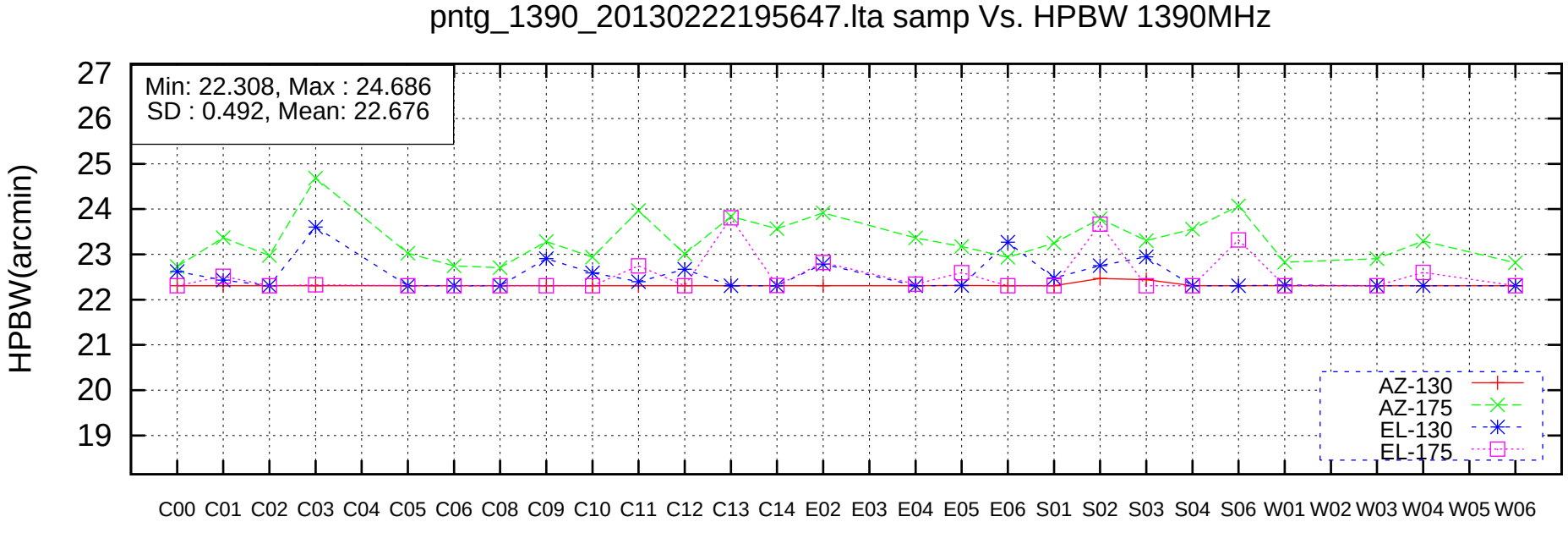

pntg_1390_20130219191048.lta samp Vs. HPBW 1390MHz
Min: 22.308, Max : 25.584
SD : 0.622, Mean: 22.807
HPBW(arcmin)
27
26
25
24
23
22
21
20
19
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130222195647.lta samp Vs. HPBW 1390MHz
Min: 22.308, Max : 24.686
SD : 0.492, Mean: 22.676
HPBW(arcmin)
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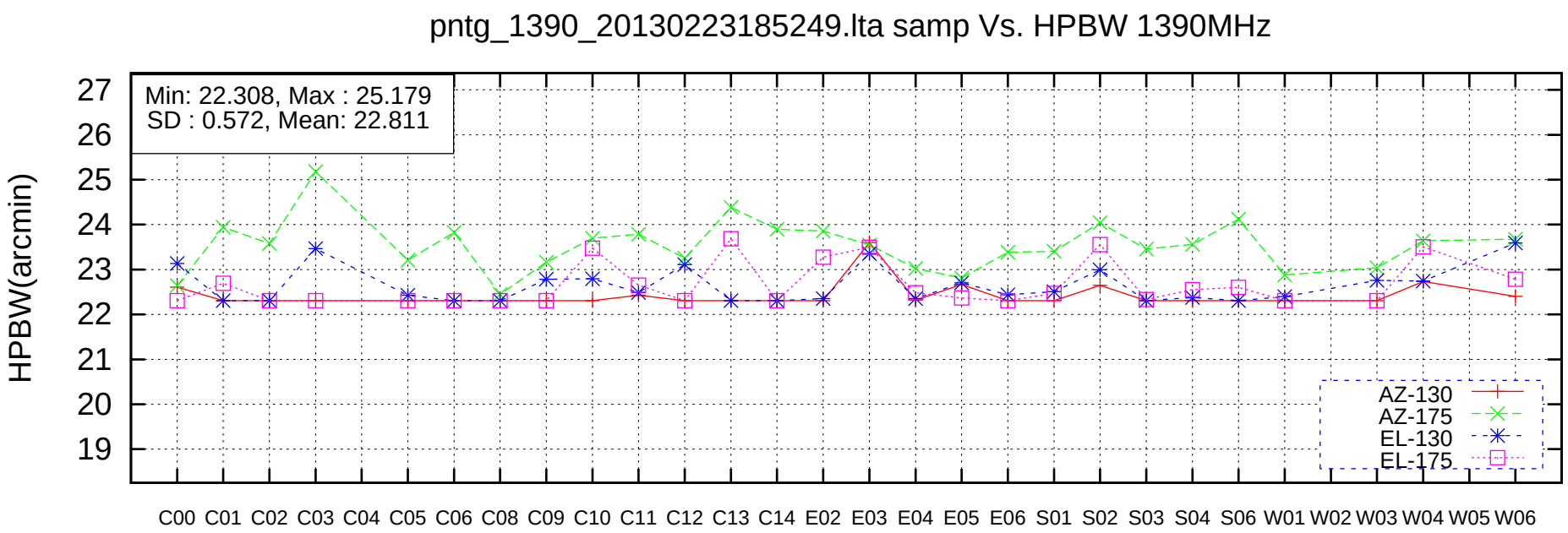
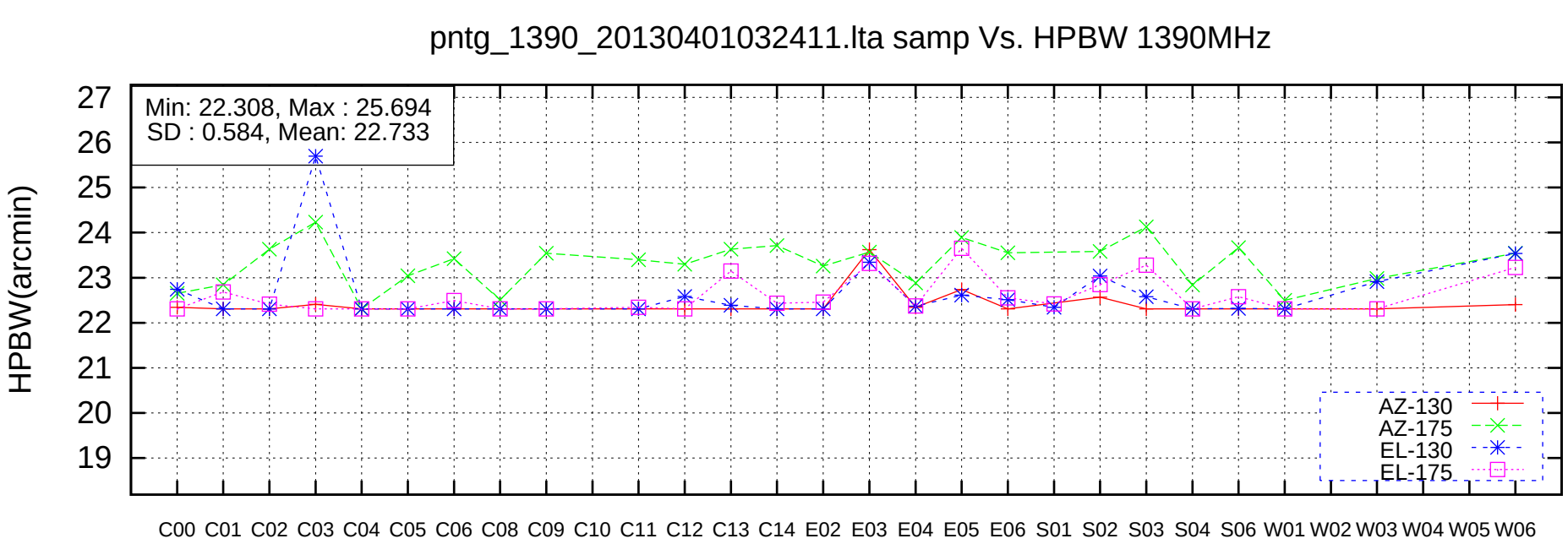
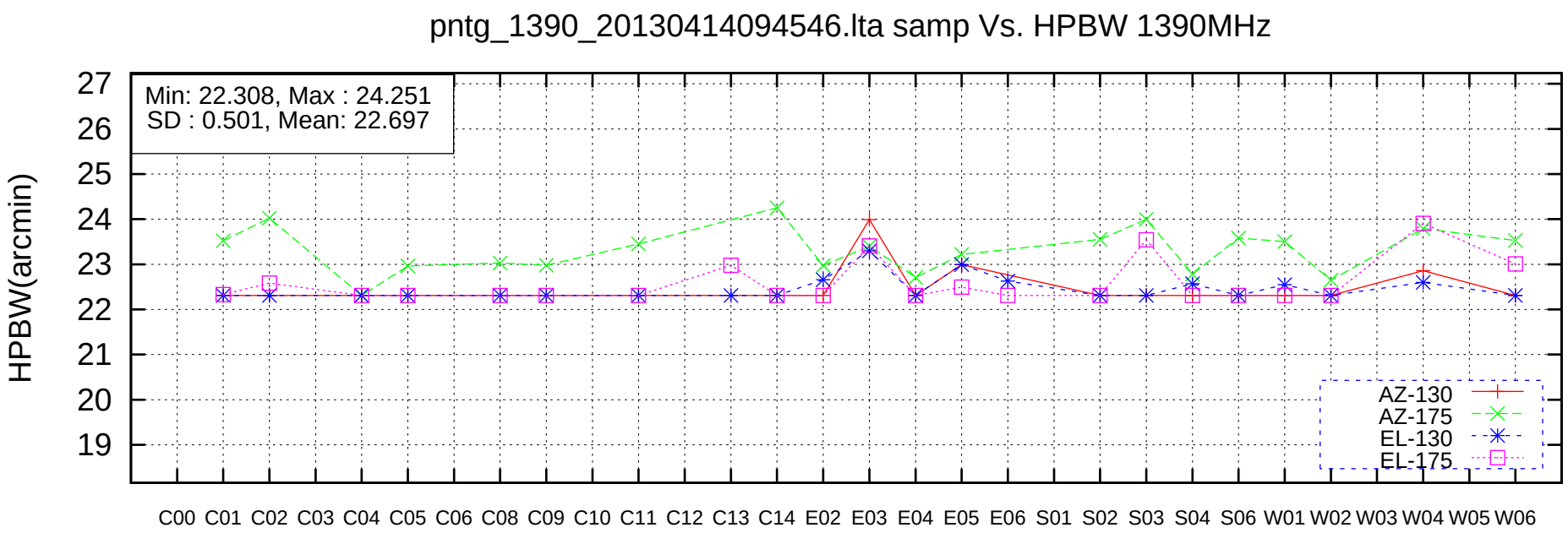
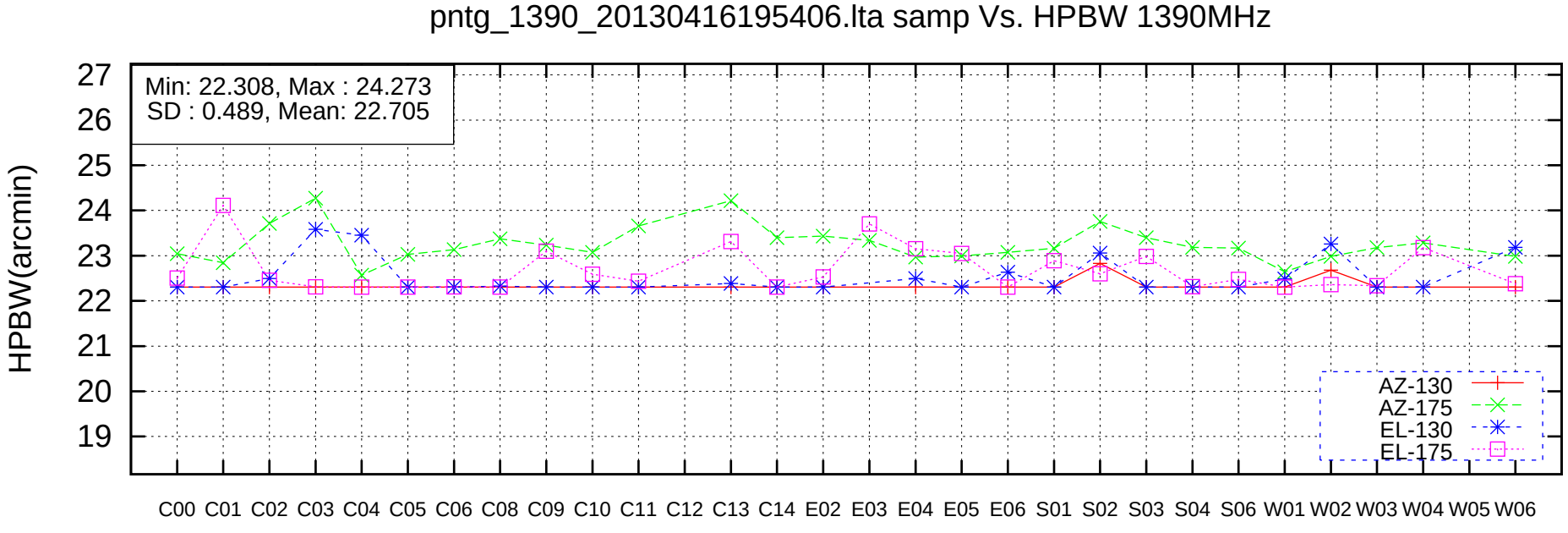
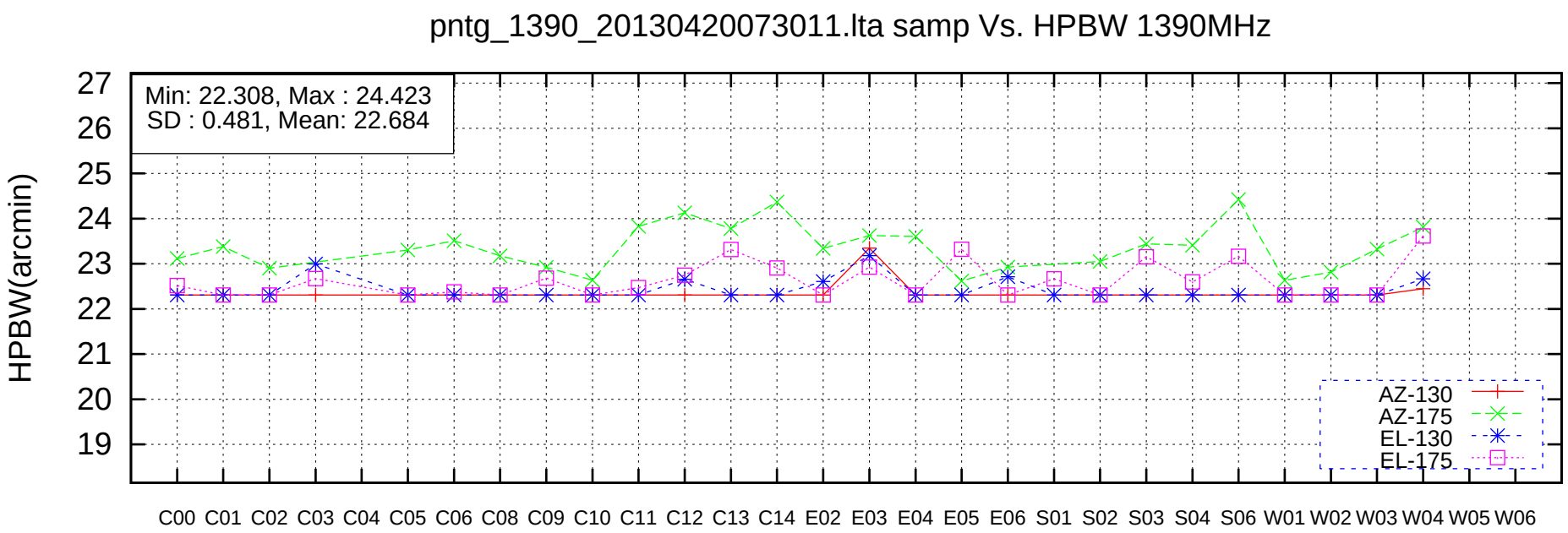
26
25
24
23
22
21
20
19
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06

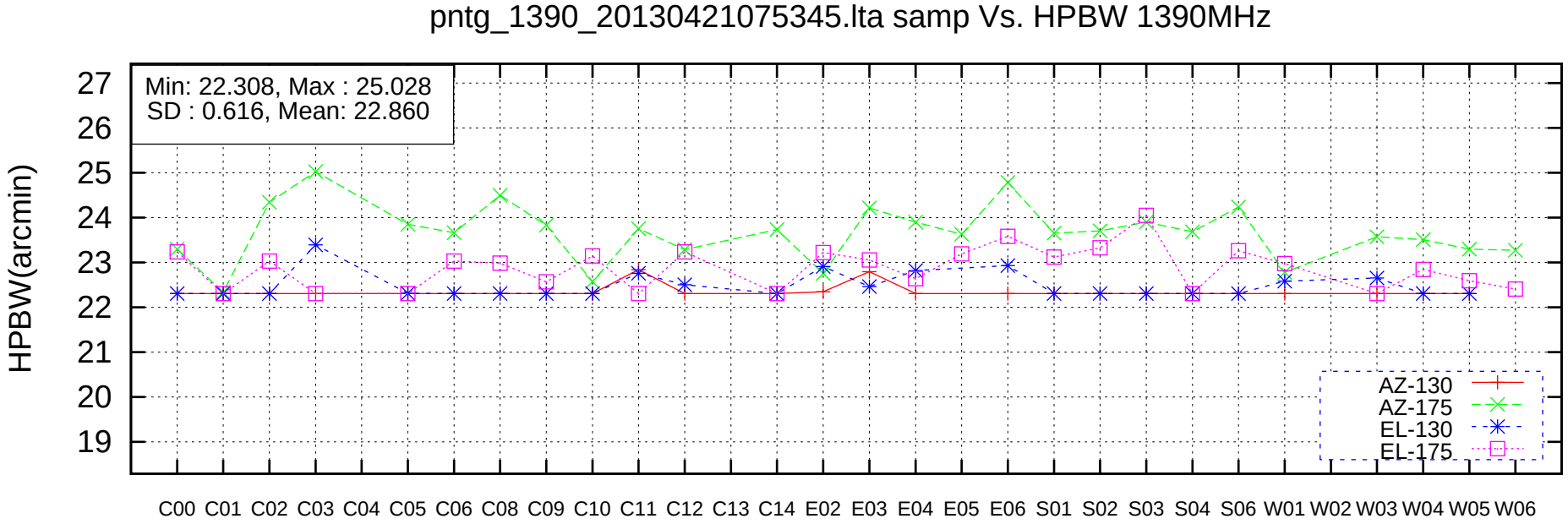

pntg_1390_20130223185249.lta samp Vs. HPBW 1390MHz
Min: 22.308, Max : 25.179
SD : 0.572, Mean: 22.811
HPBW(arcmin)
27
26
25
24
23
22
21
20
19
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06

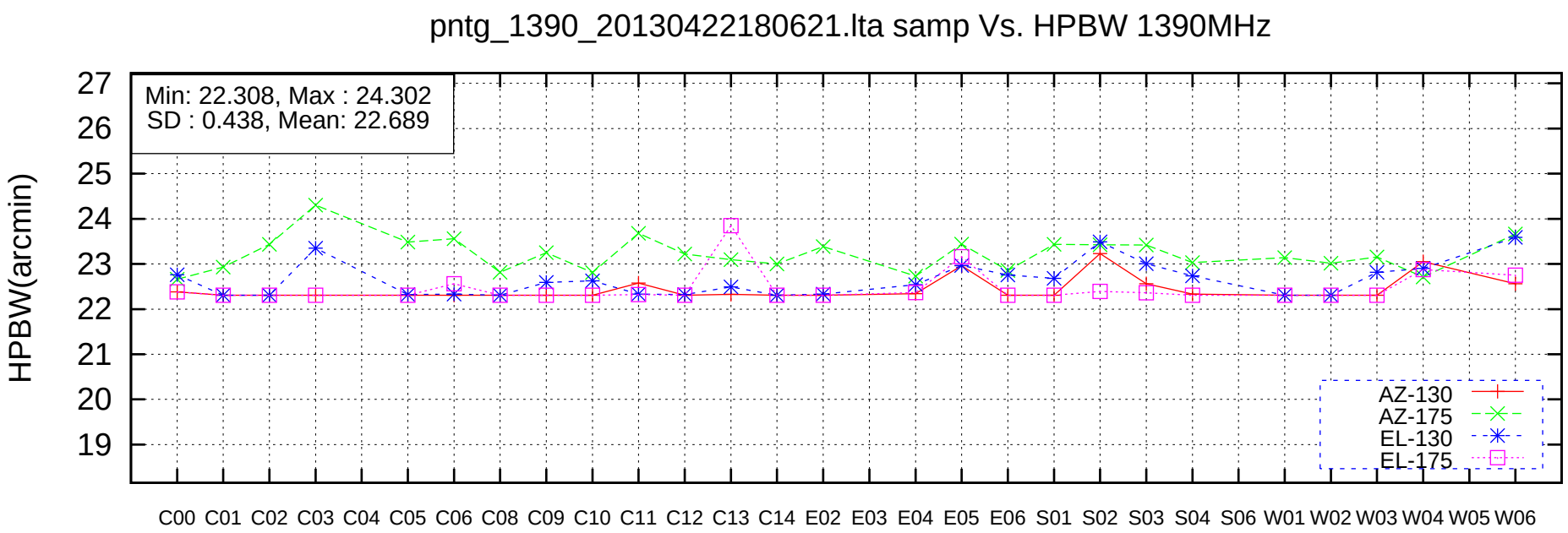

pntg_1390_20130401032411.lta samp Vs. HPBW 1390MHz
Min: 22.308, Max : 25.694
SD : 0.584, Mean: 22.733
HPBW(arcmin)
27
26
25
24
23
22
21
20
19
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06

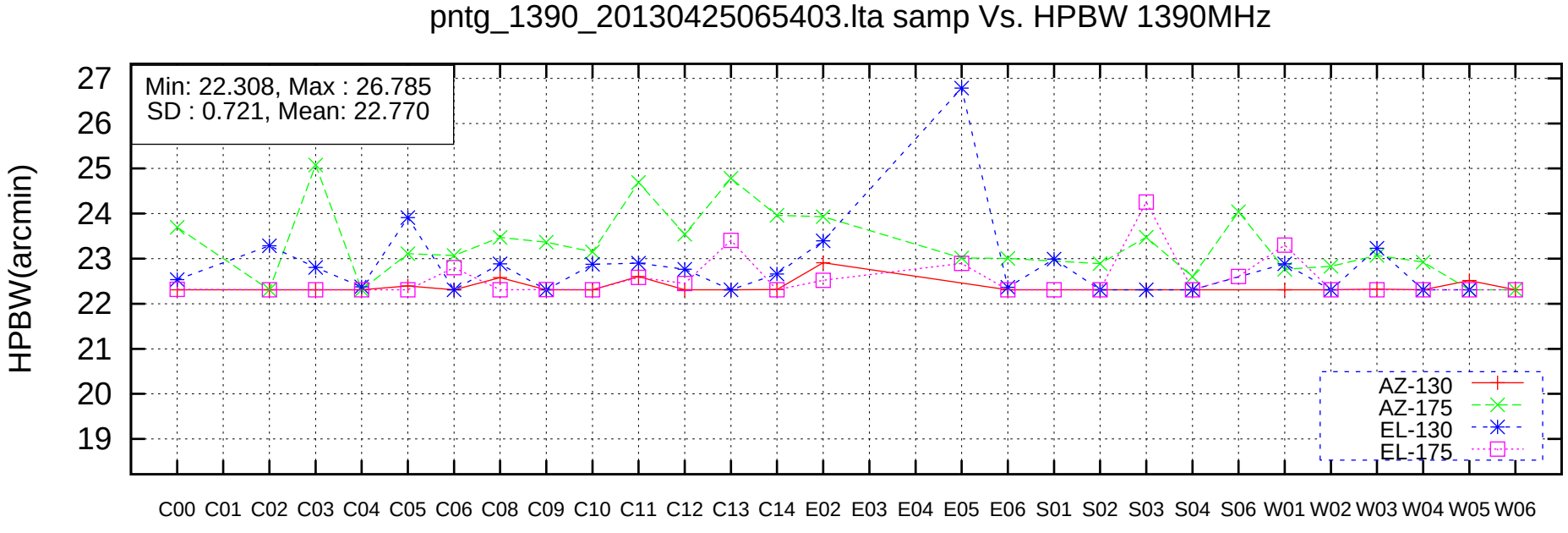

pntg_1390_20130414094546.lta samp Vs. HPBW 1390MHz
Min: 22.308, Max : 24.251
SD : 0.501, Mean: 22.697
HPBW(arcmin)
27
26
25
24
23
22
21
20
19
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06

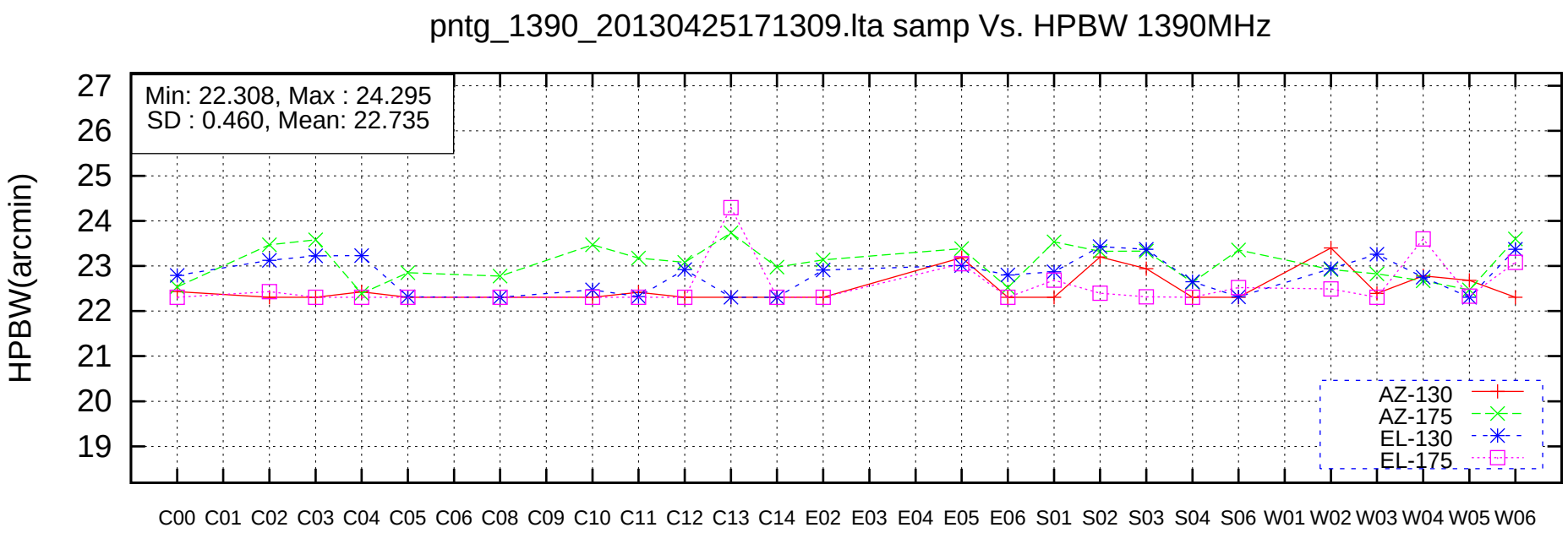

pntg_1390_20130416195406.lta samp Vs. HPBW 1390MHz
Min: 22.308, Max : 24.273
SD : 0.489, Mean: 22.705
HPBW(arcmin)
27
26
25
24
23
22
21
20
19
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06

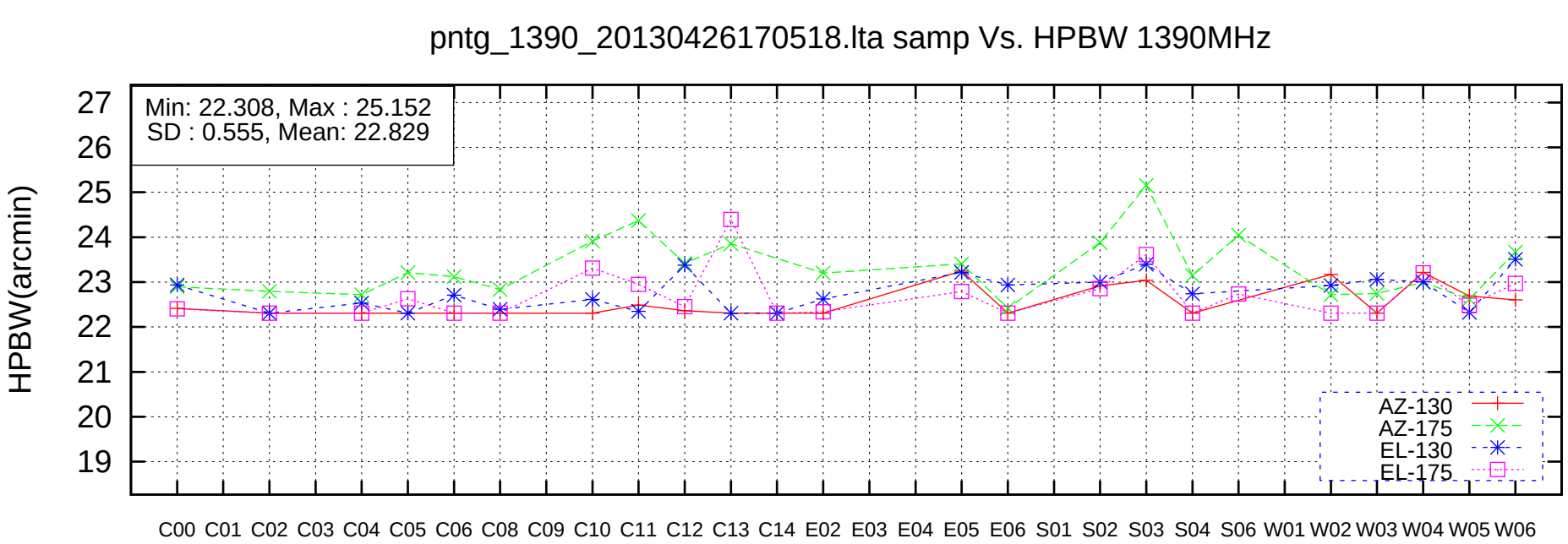

pntg_1390_20130420073011.lta samp Vs. HPBW 1390MHz
Min: 22.308, Max : 24.423
SD : 0.481, Mean: 22.684
HPBW(arcmin)
27
26
25
24
23
22
21
20
19
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06

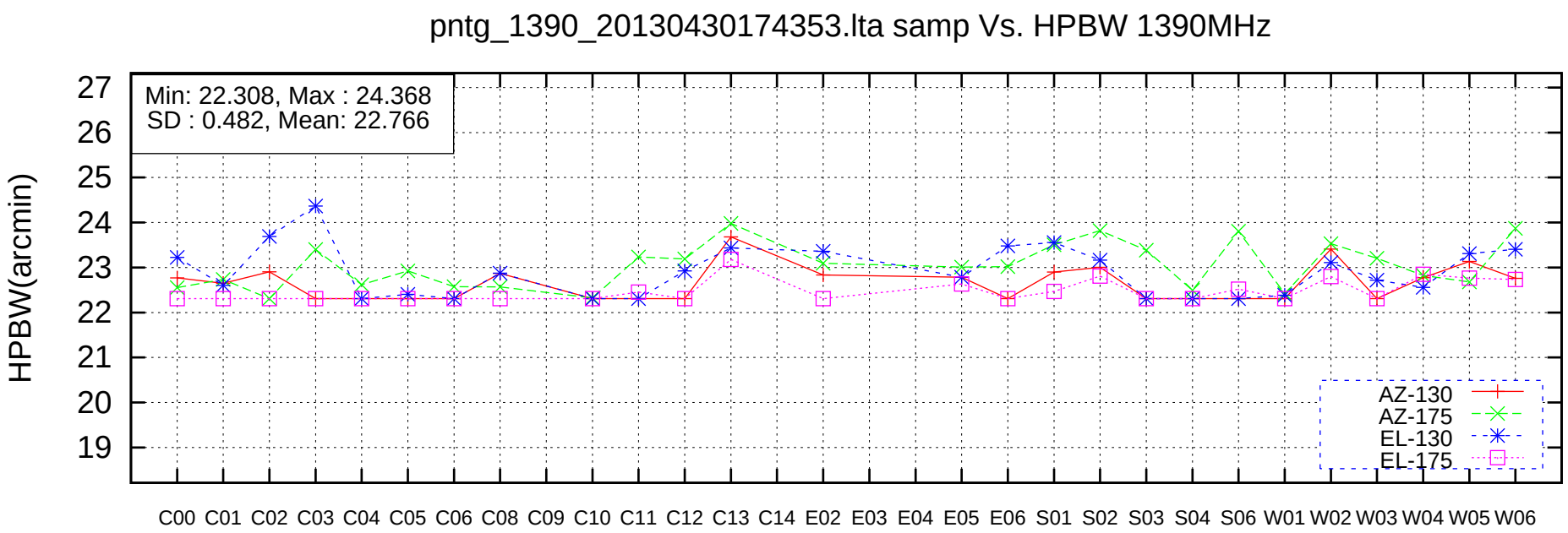

pntg_1390_20130421075345.lta samp Vs. HPBW 1390MHz
Min: 22.308, Max : 25.028
SD : 0.616, Mean: 22.860
HPBW(arcmin)
27
26
25
24
23
22
21
20
19
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130422180621.lta samp Vs. HPBW 1390MHz
Min: 22.308, Max : 24.302
SD : 0.438, Mean: 22.689
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_20130425065403.lta samp Vs. HPBW 1390MHz
Min: 22.308, Max : 26.785
SD : 0.721, Mean: 22.770
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_20130425171309.lta samp Vs. HPBW 1390MHz
Min: 22.308, Max : 24.295
SD : 0.460, Mean: 22.735
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_20130426170518.lta samp Vs. HPBW 1390MHz
Min: 22.308, Max : 25.152
SD : 0.555, Mean: 22.829
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_20130430174353.lta samp Vs. HPBW 1390MHz
Min: 22.308, Max : 24.368
SD : 0.482, Mean: 22.766
HPBW(arcmin)
27
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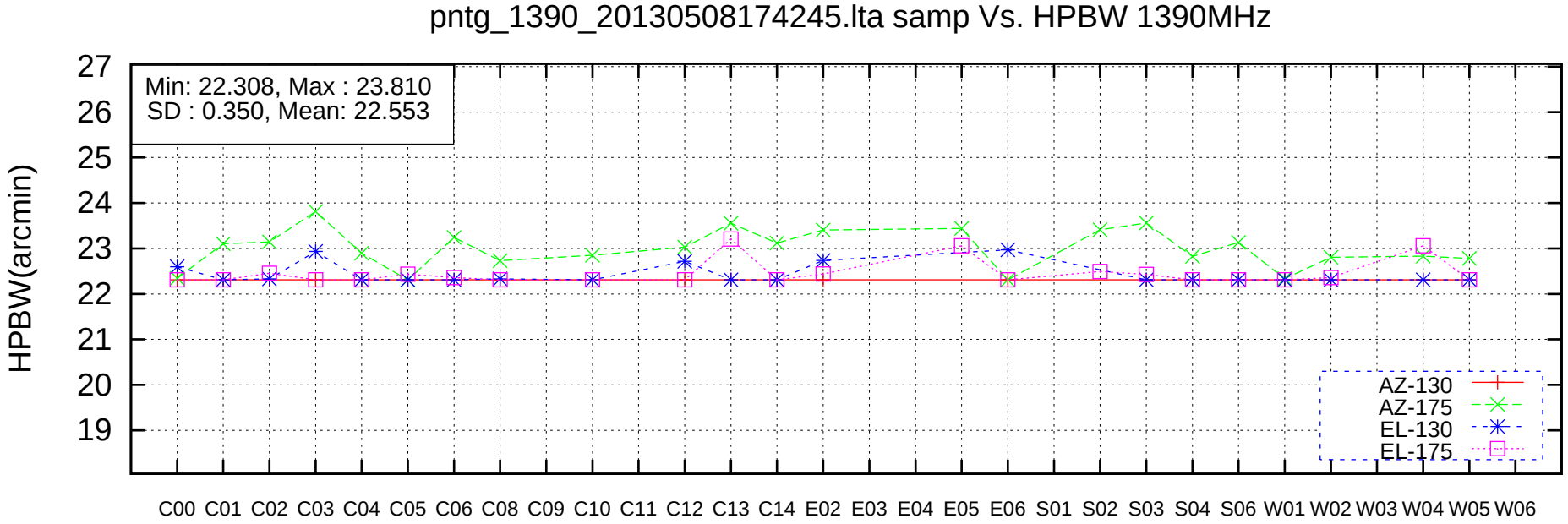
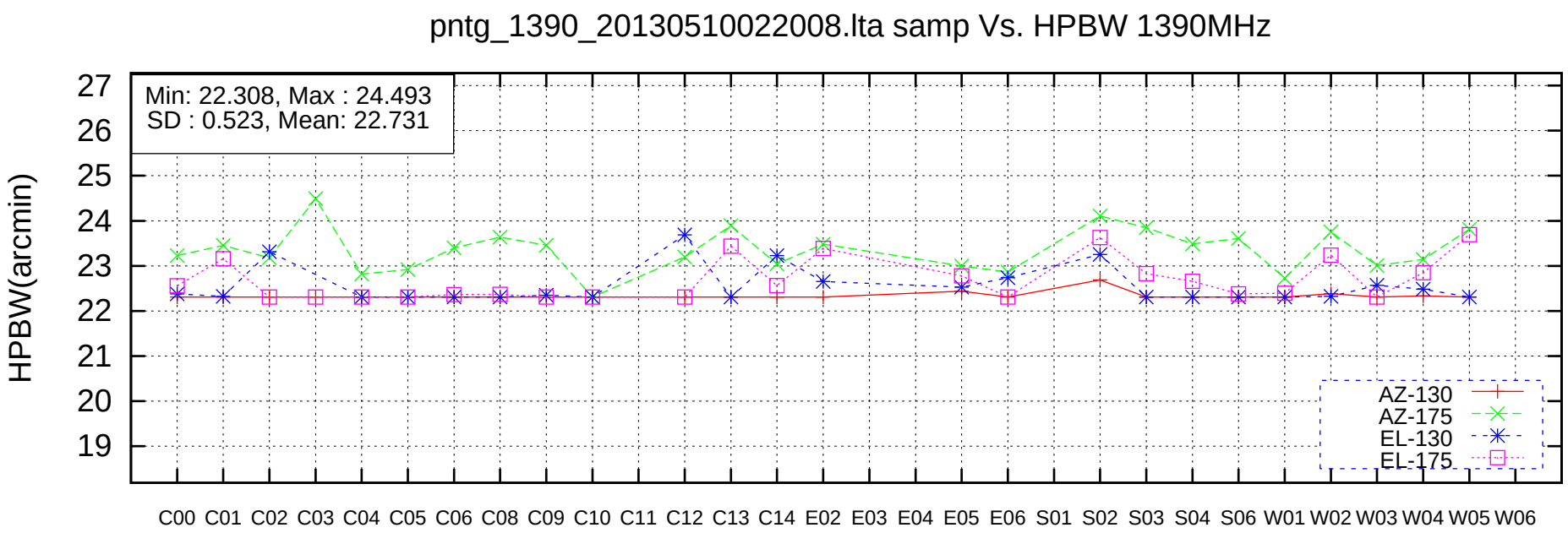
23
22
21
20
19
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130508174245.lta samp Vs. HPBW 1390MHz
Min: 22.308, Max : 23.810
SD : 0.350, Mean: 22.553
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_20130510022008.lta samp Vs. HPBW 1390MHz
Min: 22.308, Max : 24.493
SD : 0.523, Mean: 22.731
HPBW(arcmin)
27
26
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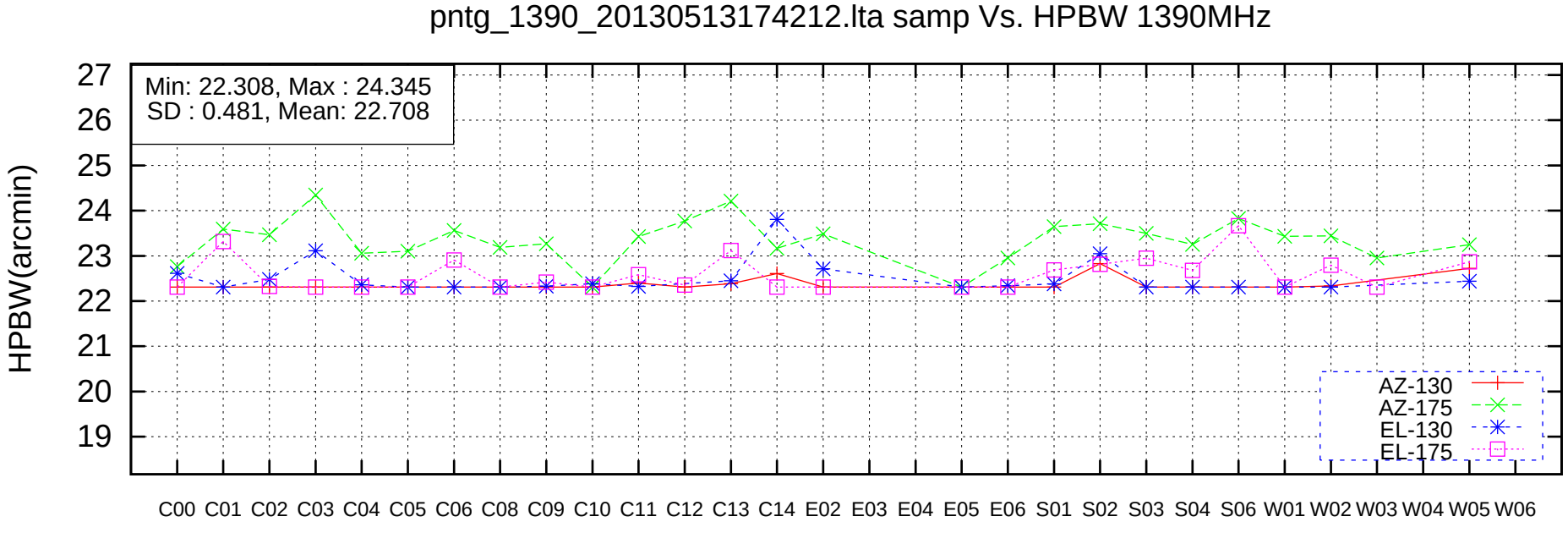
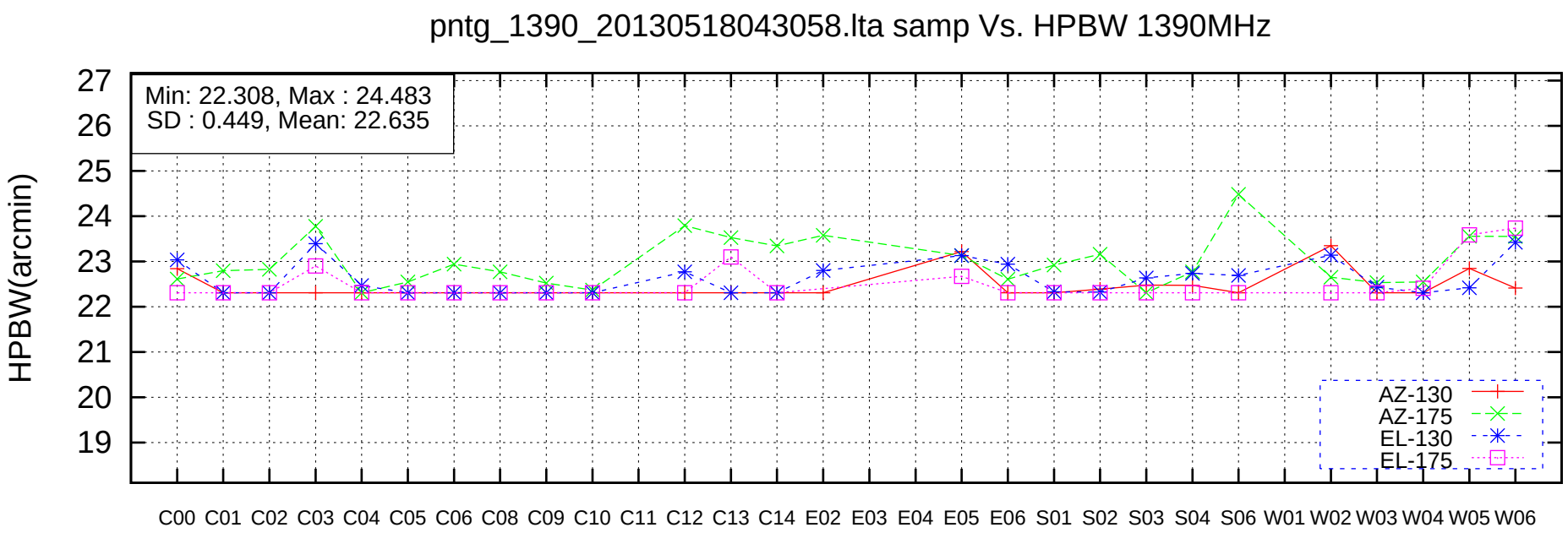
24
23
22
21
20
19
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130513174212.lta samp Vs. HPBW 1390MHz
Min: 22.308, Max : 24.345
SD : 0.481, Mean: 22.708
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_20130518043058.lta samp Vs. HPBW 1390MHz
Min: 22.308, Max : 24.483
SD : 0.449, Mean: 22.635
HPBW(arcmin)
27
26
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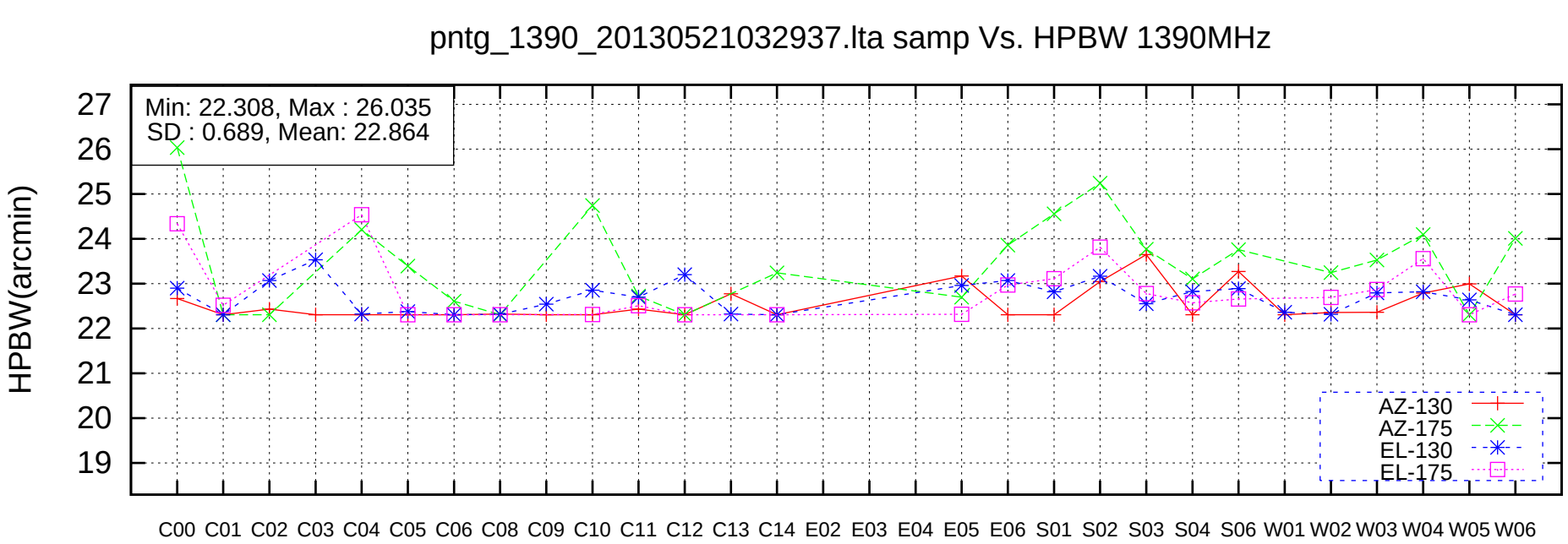
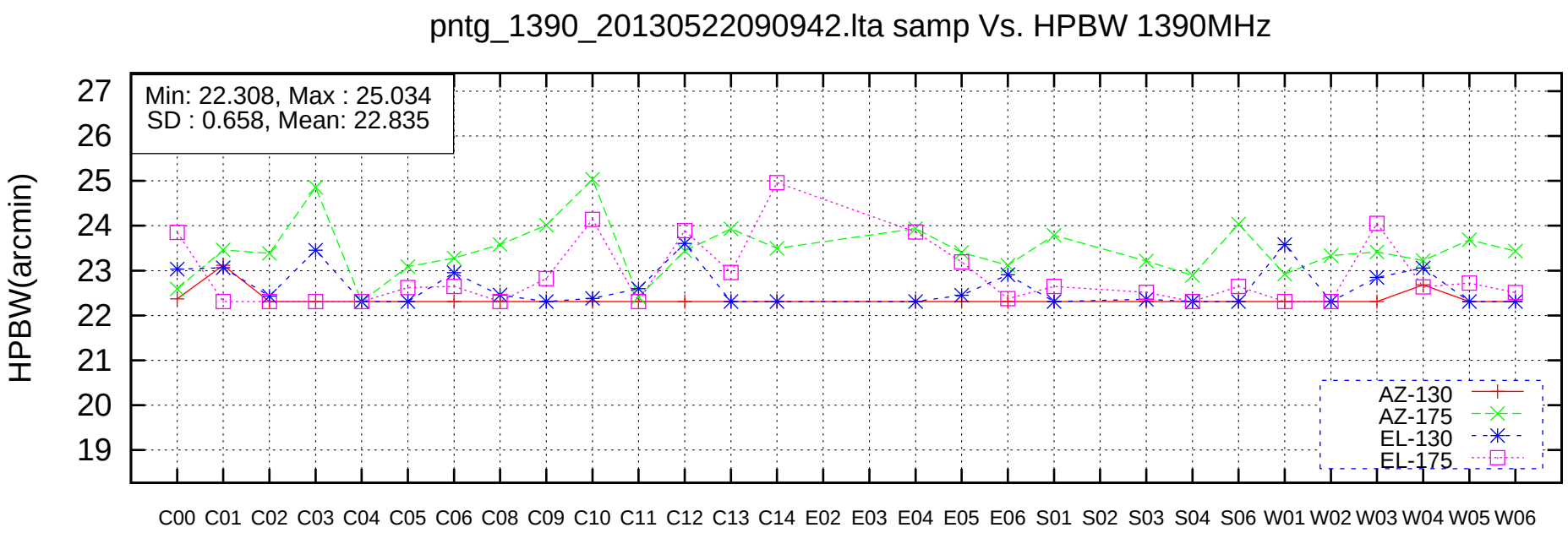
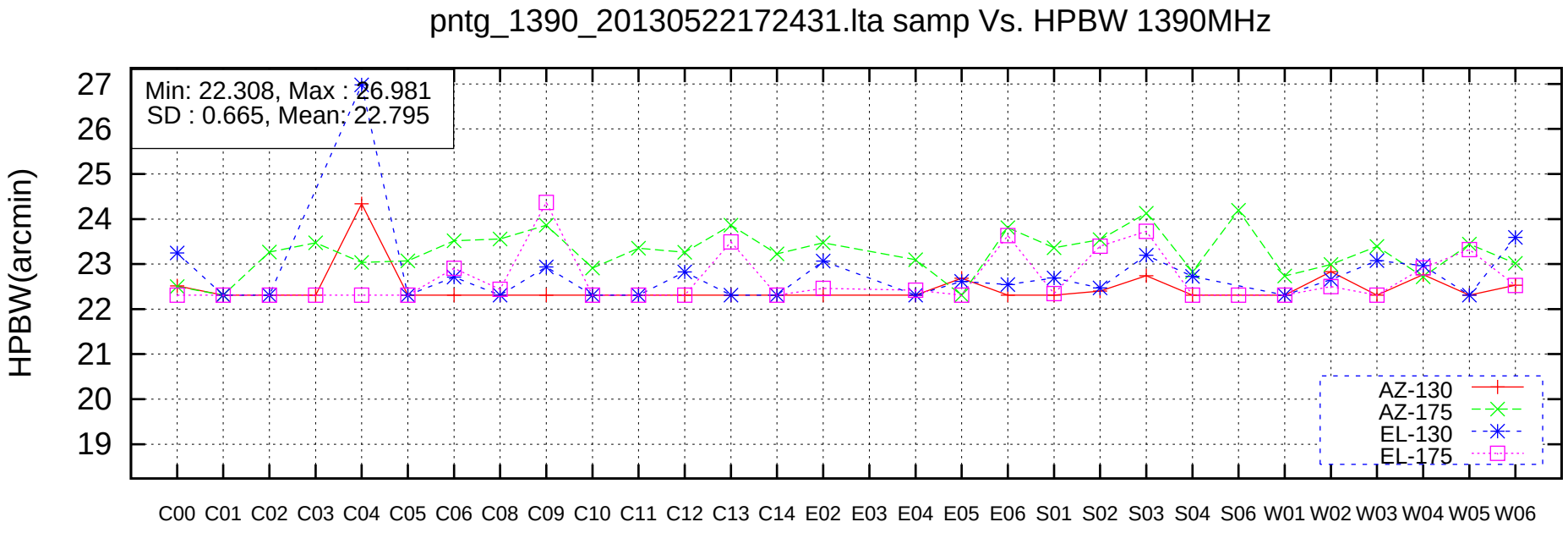
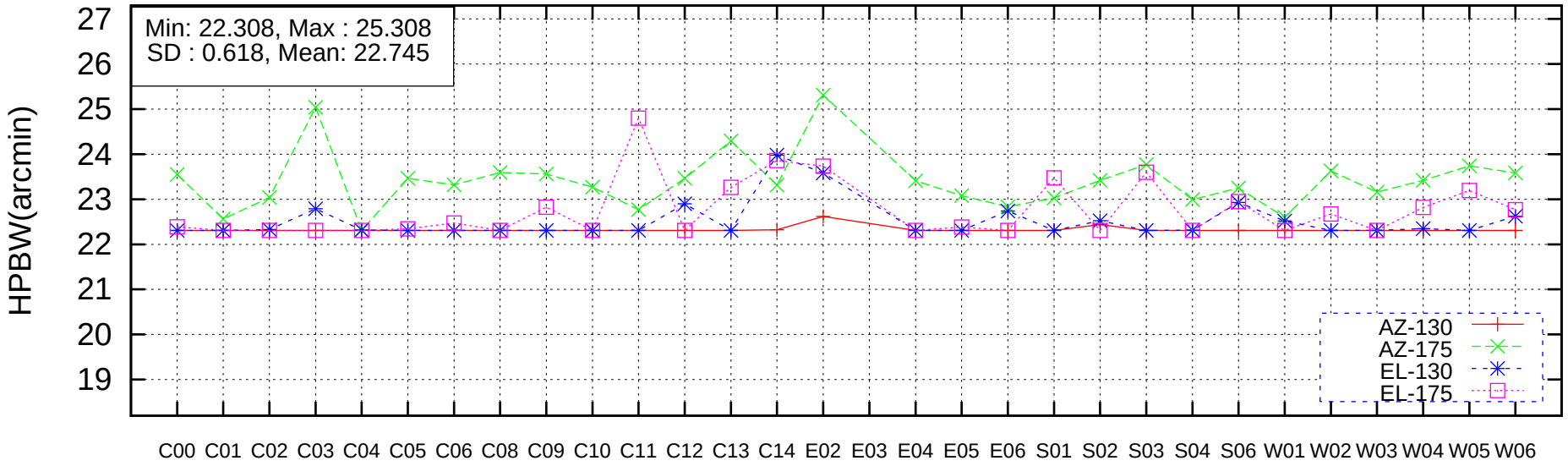
24
23
22
21
20
19
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130521032937.lta samp Vs. HPBW 1390MHz
Min: 22.308, Max : 26.035
SD : 0.689, Mean: 22.864
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

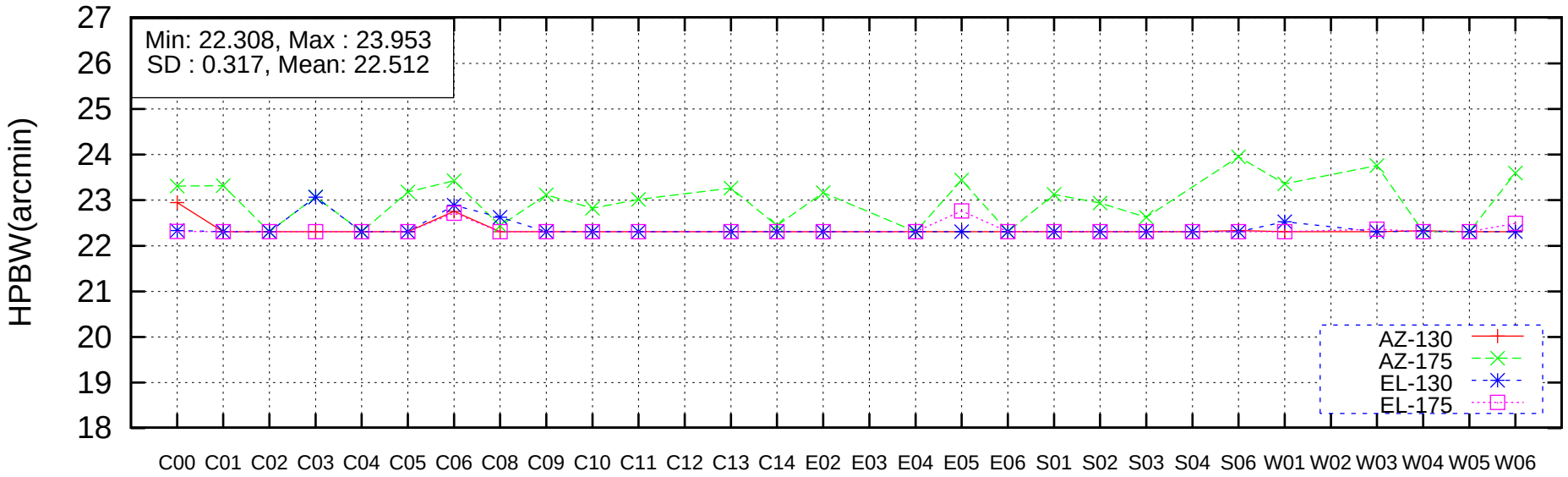

pntg_1390_20130522090942.lta samp Vs. HPBW 1390MHz
Min: 22.308, Max : 25.034
SD : 0.658, Mean: 22.835
HPBW(arcmin)
27
26
25
24
23
22
21
20
19
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06

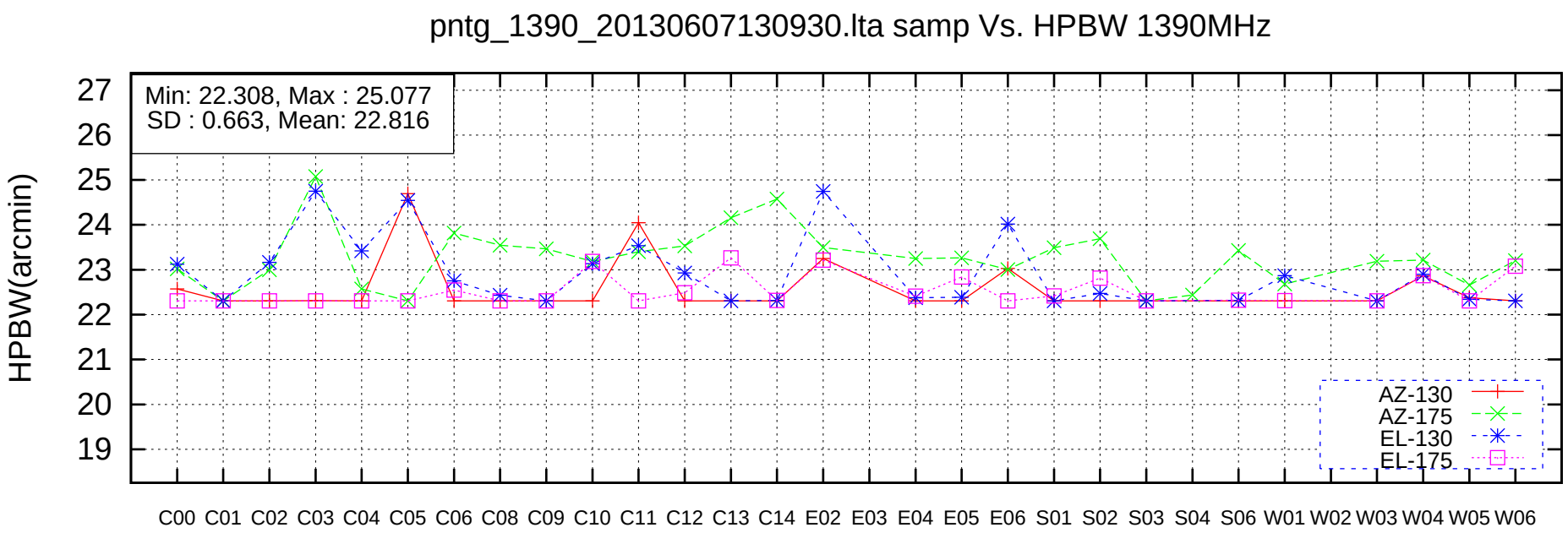

pntg_1390_20130522172431.lta samp Vs. HPBW 1390MHz
Min: 22.308, Max : 26.981
SD : 0.665, Mean: 22.795
HPBW(arcmin)
27
26
25
24
23
22
21
20
19
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06

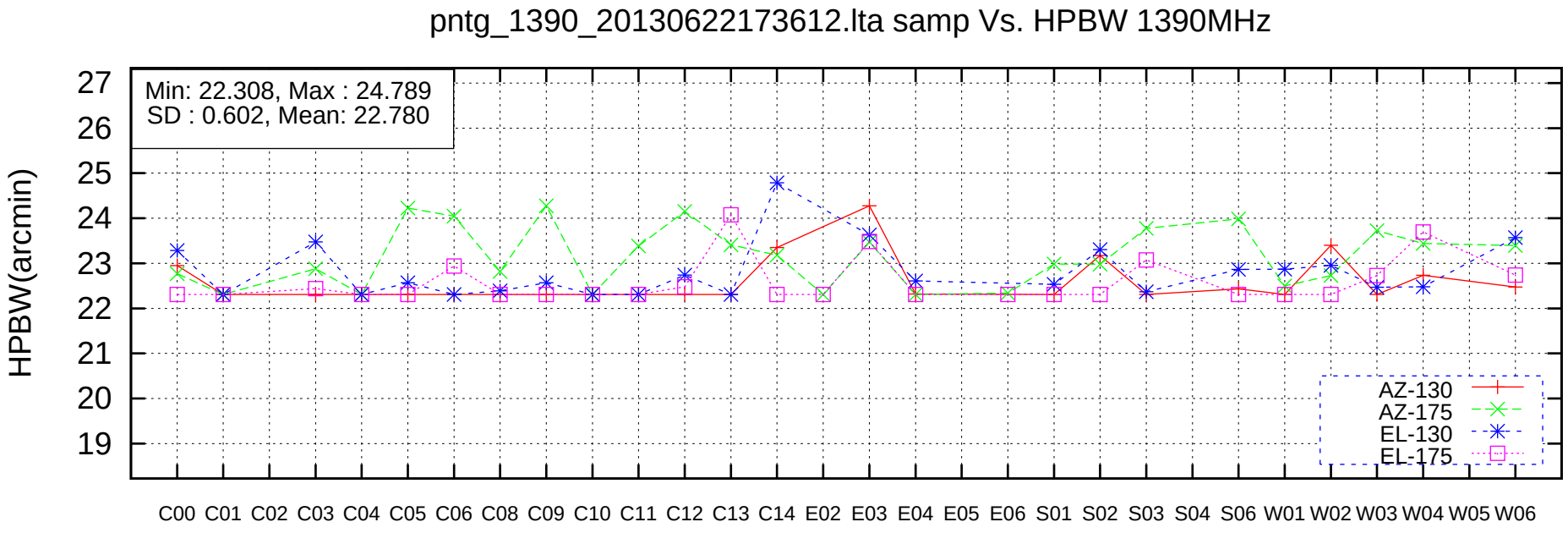
pntg_1390_20130530054726.lta samp Vs. HPBW 1390MHz



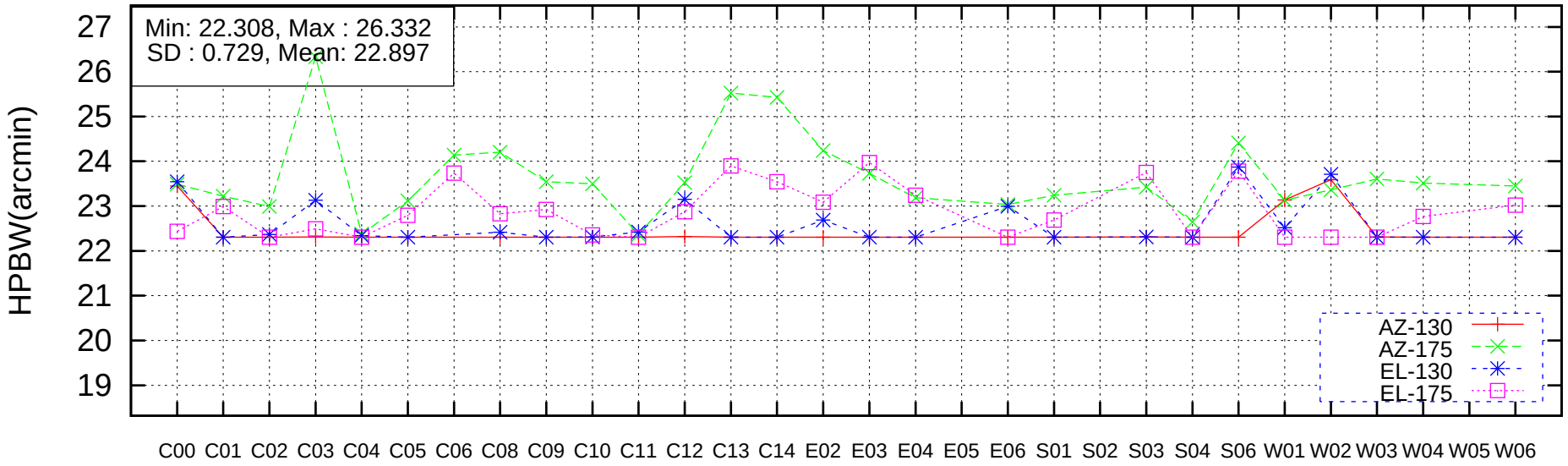
pntg_1390_20130602212226.lta samp Vs. HPBW 1390MHz



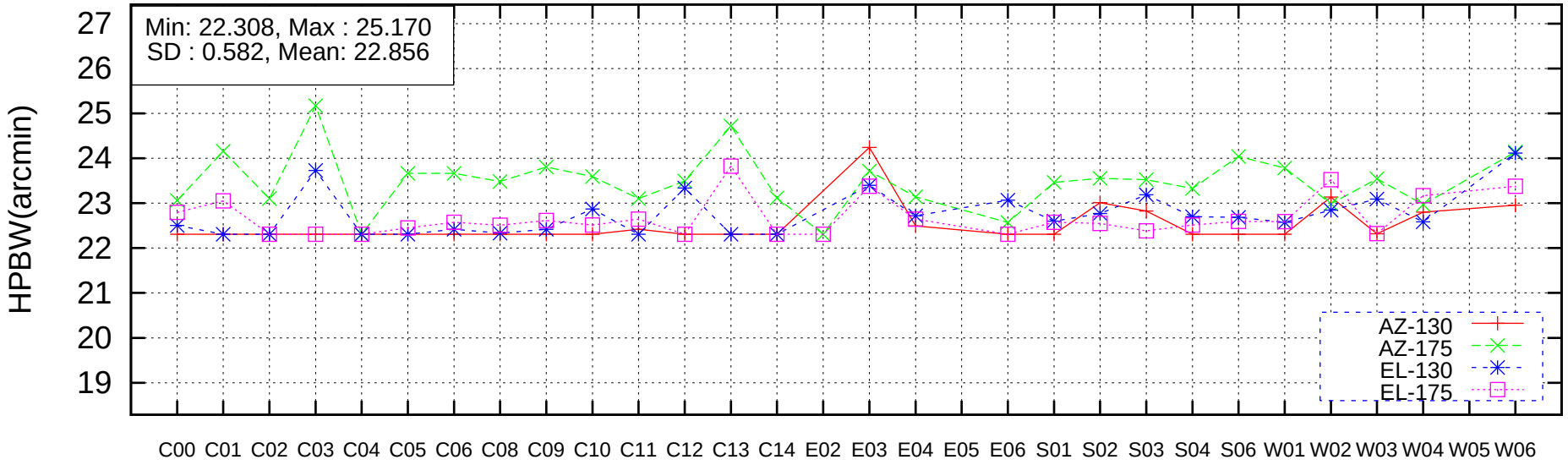

pntg_1390_20130607130930.lta samp Vs. HPBW 1390MHz
Min: 22.308, Max : 25.077
SD : 0.663, Mean: 22.816
HPBW(arcmin)
27
26
25
24
23
22
21
20
19
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06

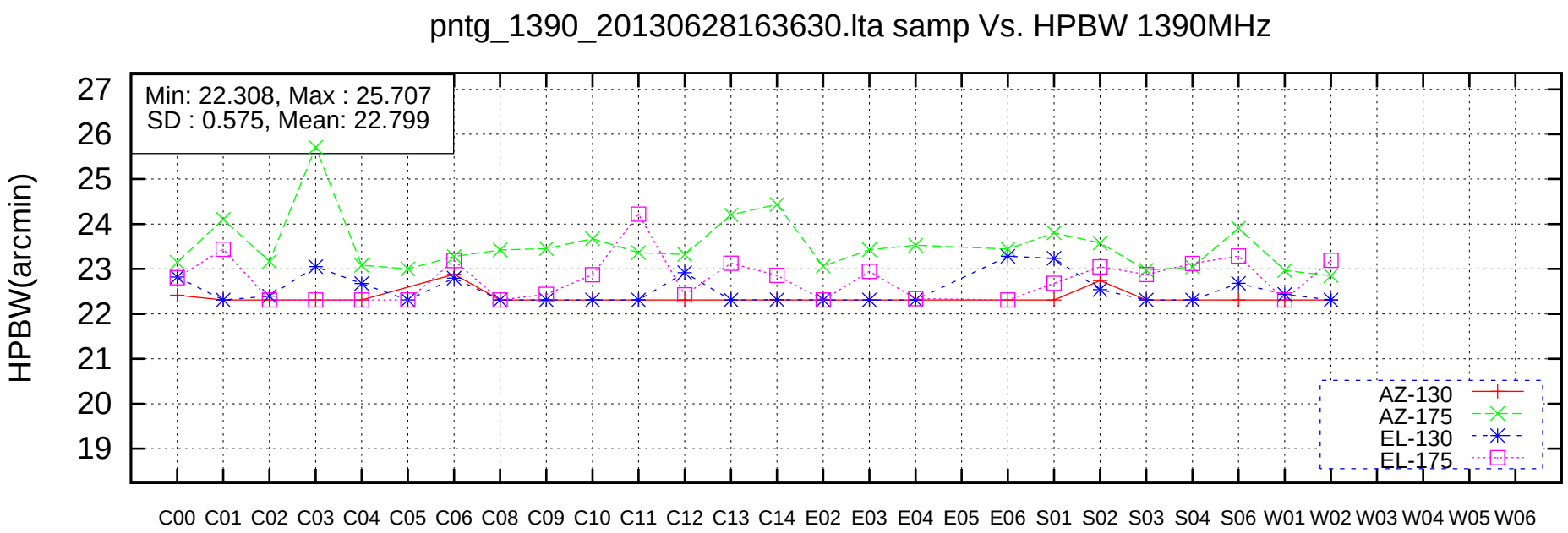

pntg_1390_20130622173612.lta samp Vs. HPBW 1390MHz
Min: 22.308, Max : 24.789
SD : 0.602, Mean: 22.780
HPBW(arcmin)
27
26
25
24
23
22
21
20
19
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06

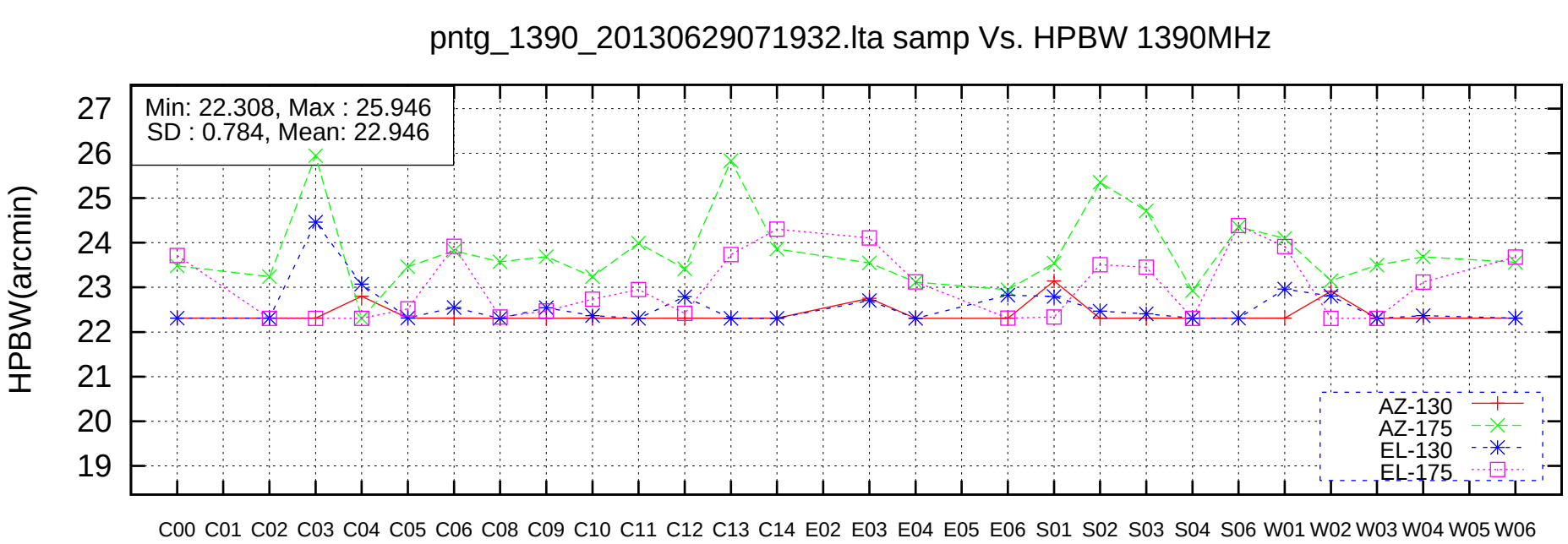
pntg_1390_20130627063617.lta samp Vs. HPBW 1390MHz

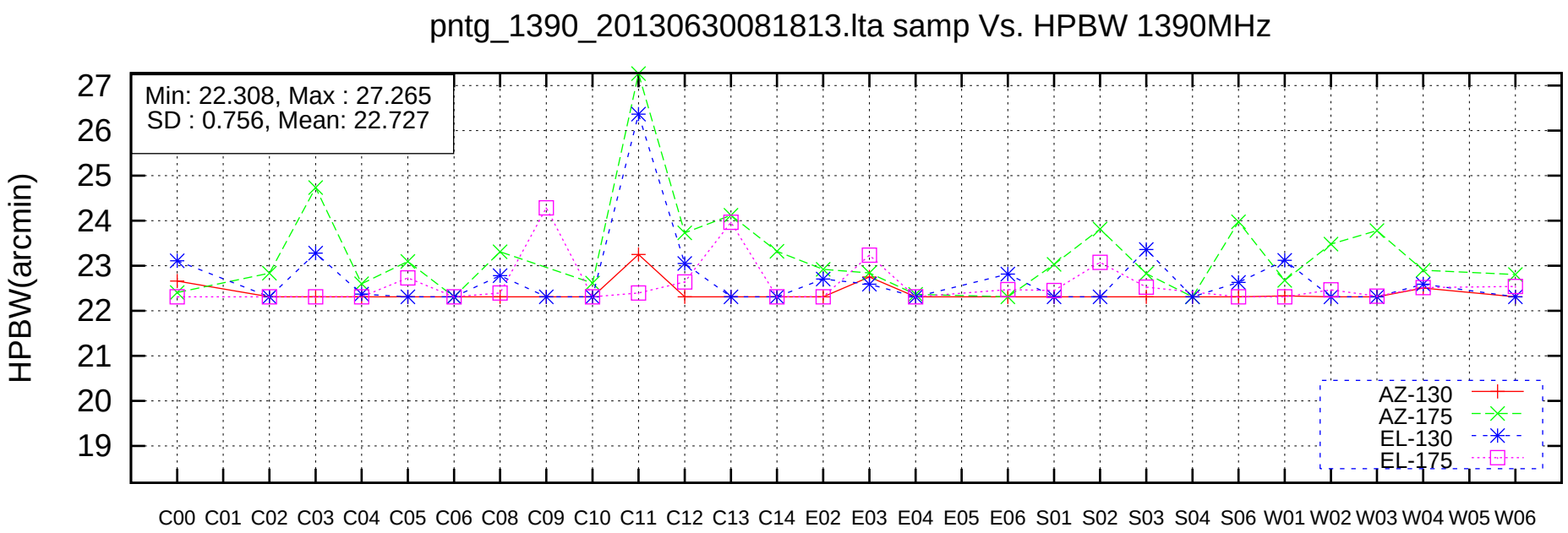


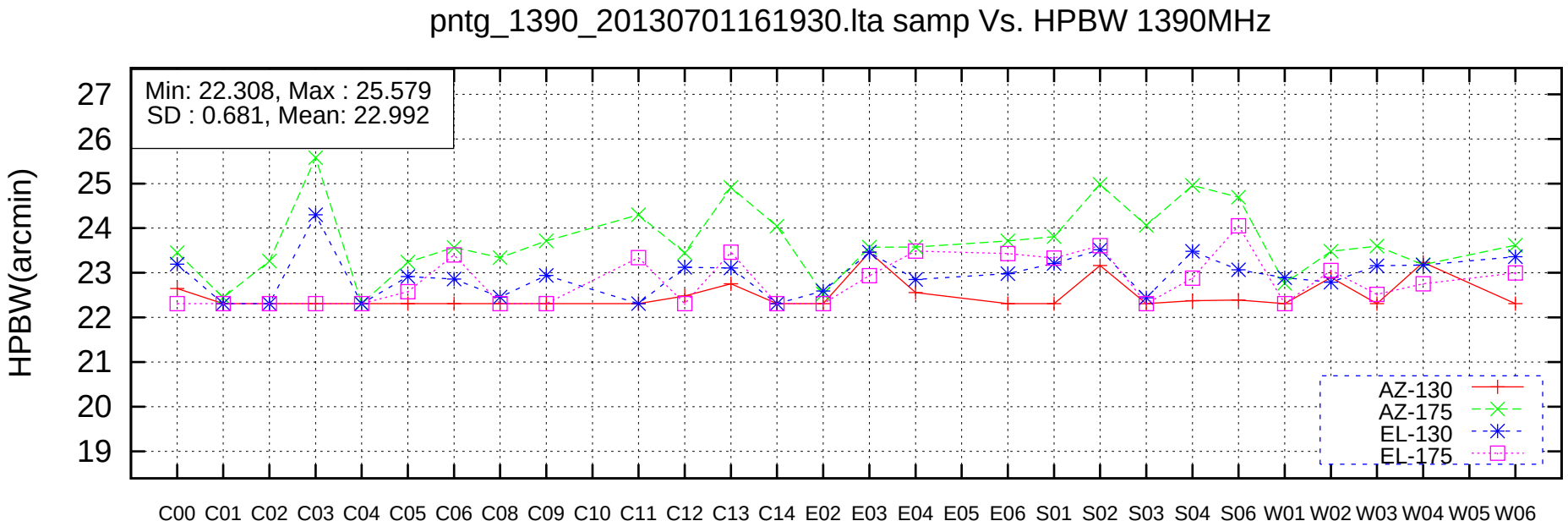
pntg_1390_20130627172100.lta samp Vs. HPBW 1390MHz




pntg_1390_20130628163630.lta samp Vs. HPBW 1390MHz
Min: 22.308, Max : 25.707
SD : 0.575, Mean: 22.799
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_20130629071932.lta samp Vs. HPBW 1390MHz
Min: 22.308, Max : 25.946
SD : 0.784, Mean: 22.946
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_20130630081813.lta samp Vs. HPBW 1390MHz
Min: 22.308, Max : 27.265
SD : 0.756, Mean: 22.727
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_20130701161930.lta samp Vs. HPBW 1390MHz
Min: 22.308, Max : 25.579
SD : 0.681, Mean: 22.992
HPBW(arcmin)
27
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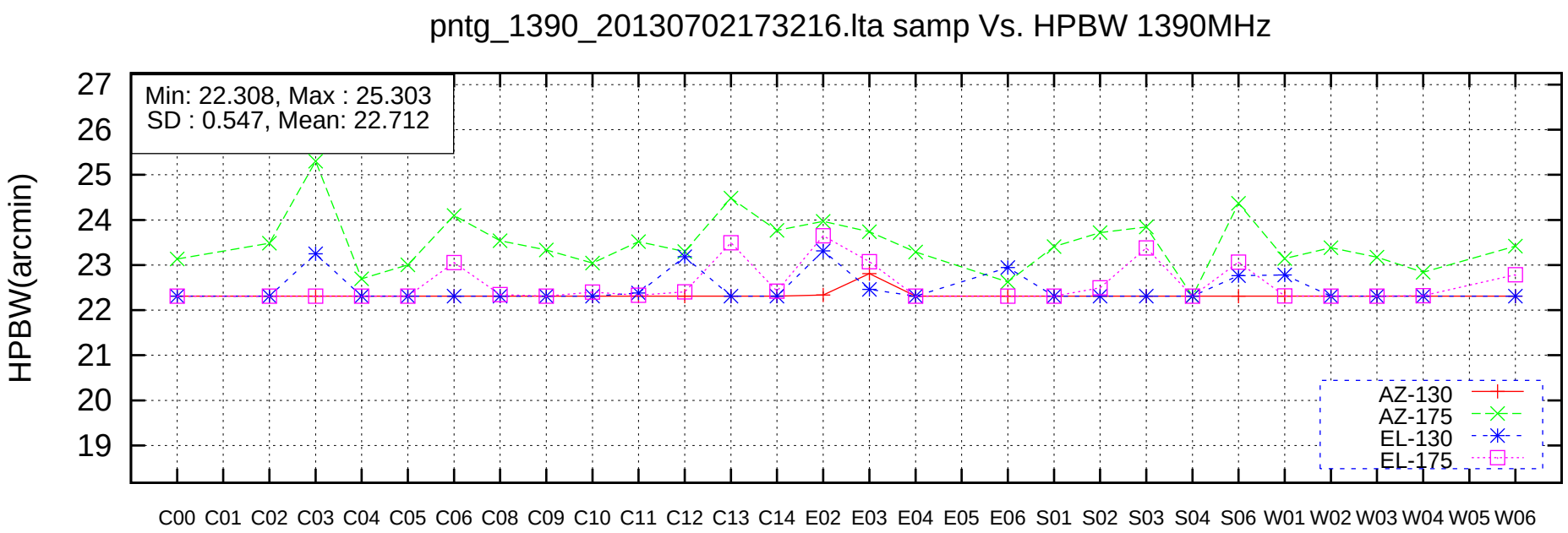
22
21
20
19
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130702173216.lta samp Vs. HPBW 1390MHz
Min: 22.308, Max : 25.303
SD : 0.547, Mean: 22.712
HPBW(arcmin)
27
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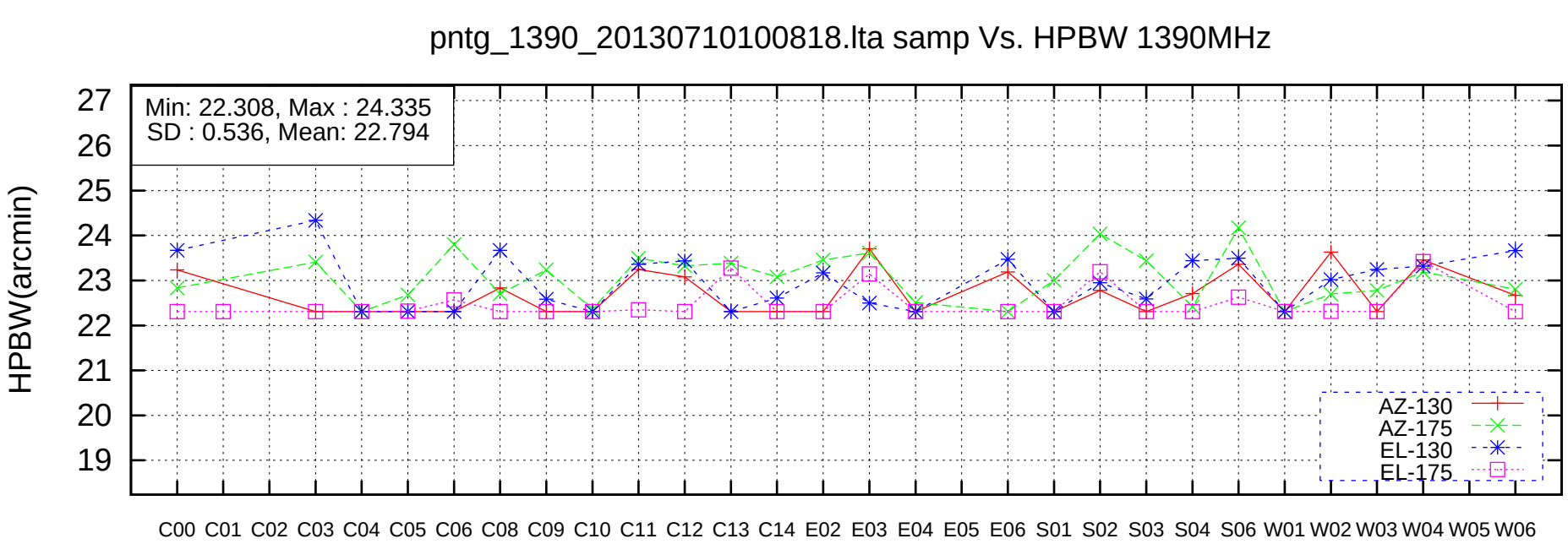
23
22
21
20
19
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130710100818.lta samp Vs. HPBW 1390MHz
Min: 22.308, Max : 24.335
SD : 0.536, Mean: 22.794
HPBW(arcmin)
27
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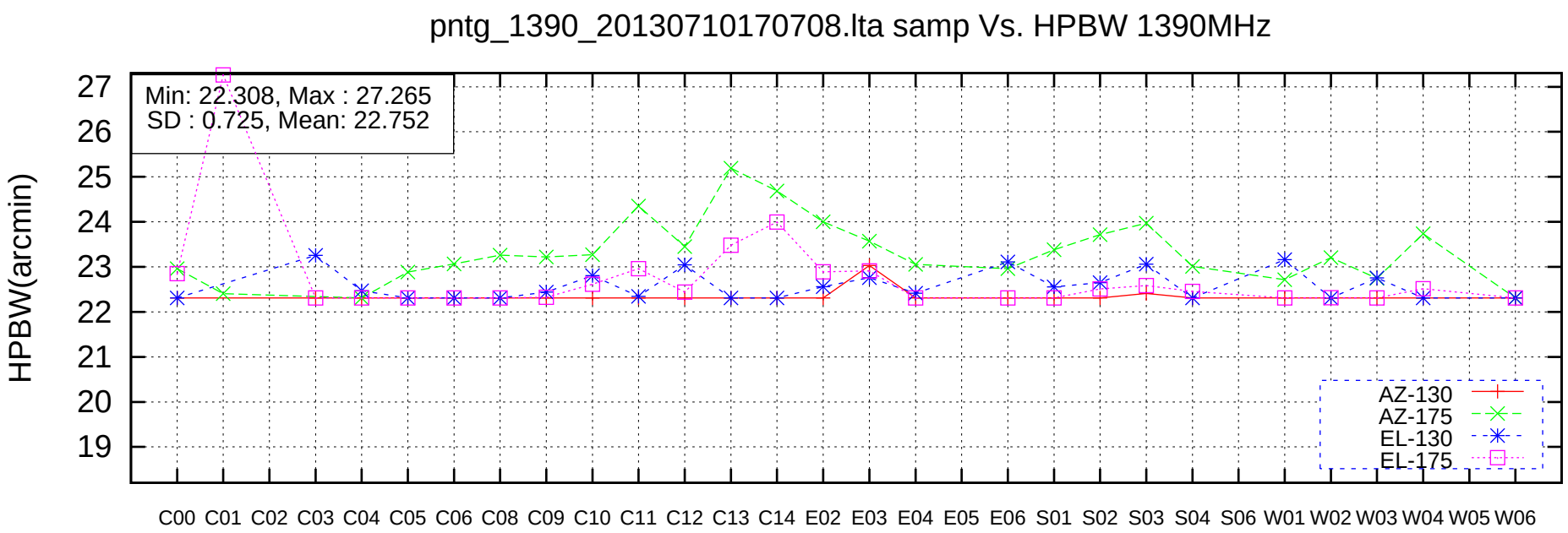
22
21
20
19
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130710170708.lta samp Vs. HPBW 1390MHz
Min: 22.308, Max : 27.265
SD : 0.725, Mean: 22.752
HPBW(arcmin)
27
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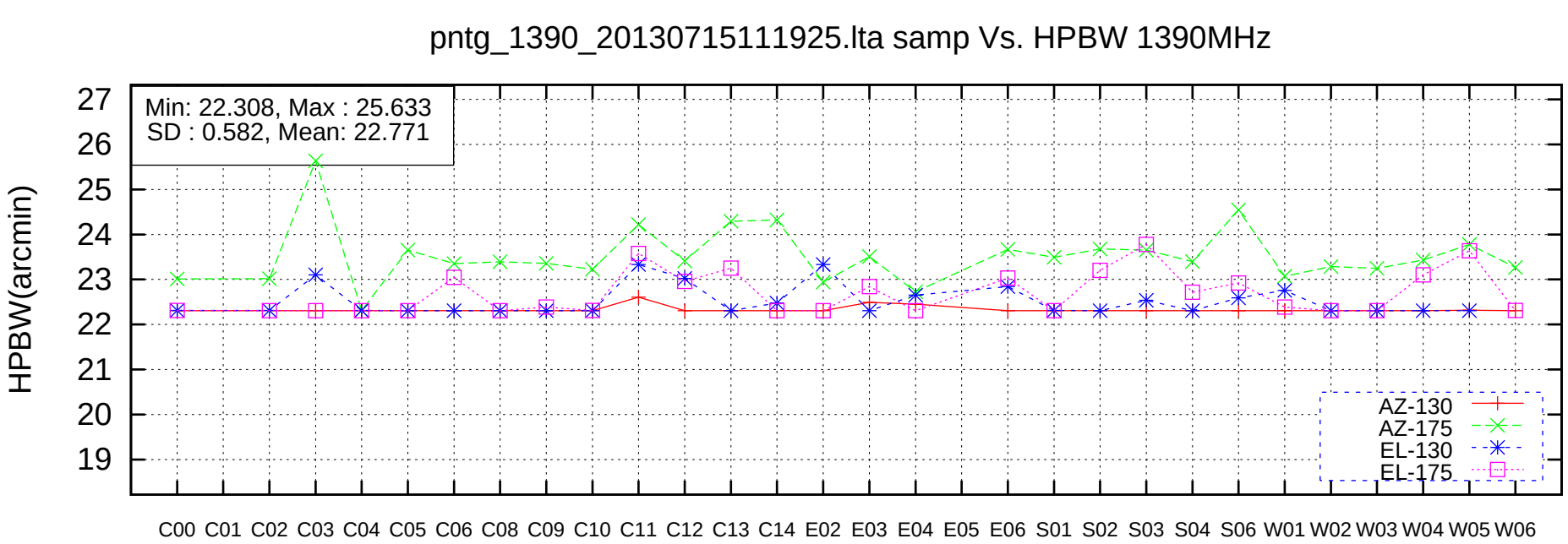
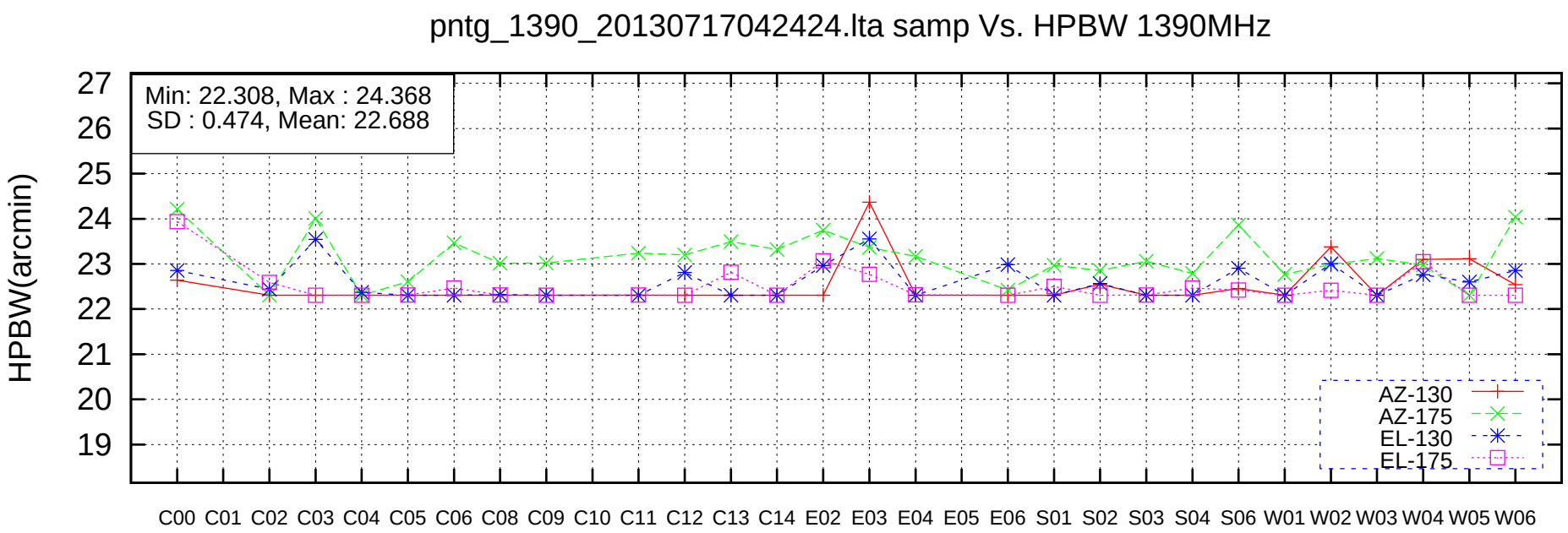
22
21
20
19
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130715111925.lta samp Vs. HPBW 1390MHz
Min: 22.308, Max : 25.633
SD : 0.582, Mean: 22.771
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_20130717042424.lta samp Vs. HPBW 1390MHz
Min: 22.308, Max : 24.368
SD : 0.474, Mean: 22.688
HPBW(arcmin)
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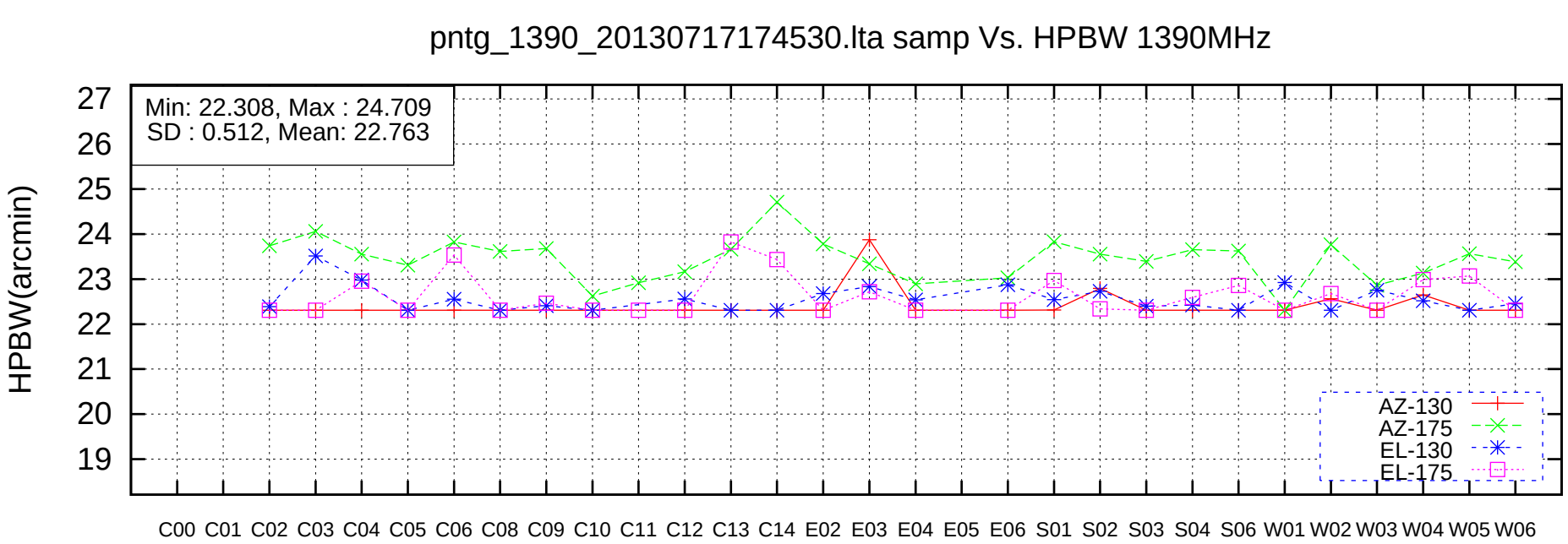
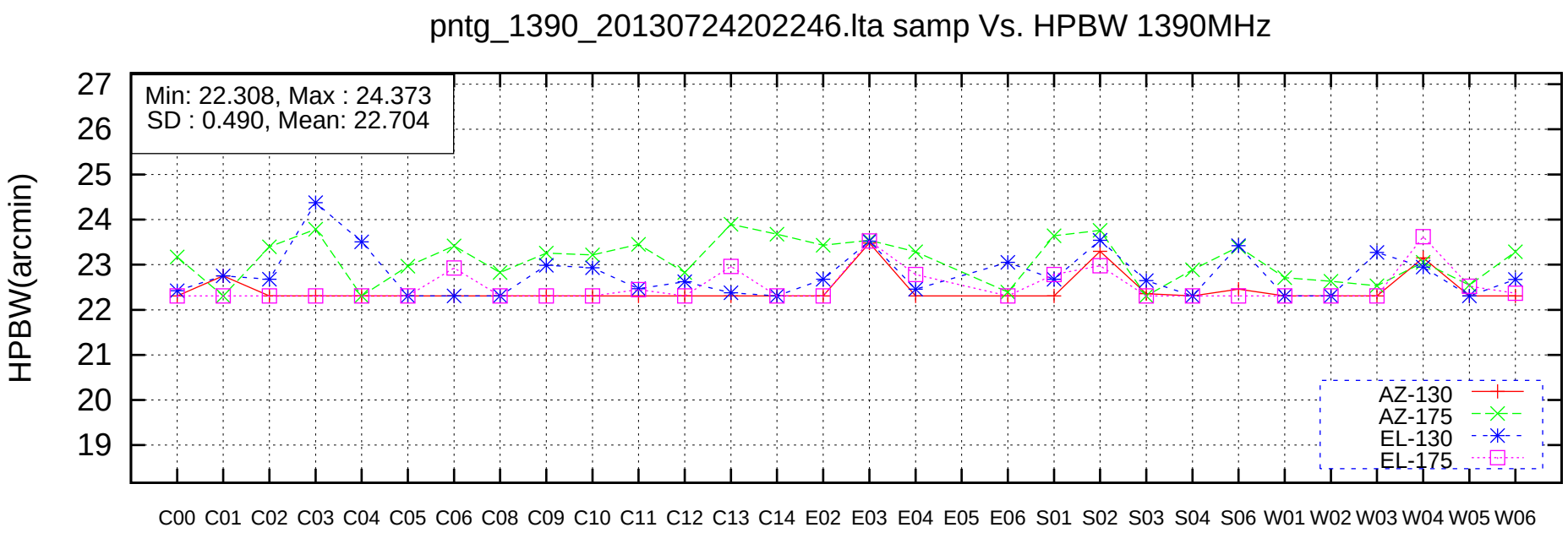
19
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130717174530.lta samp Vs. HPBW 1390MHz
Min: 22.308, Max : 24.709
SD : 0.512, Mean: 22.763
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_20130724202246.lta samp Vs. HPBW 1390MHz
Min: 22.308, Max : 24.373
SD : 0.490, Mean: 22.704
HPBW(arcmin)
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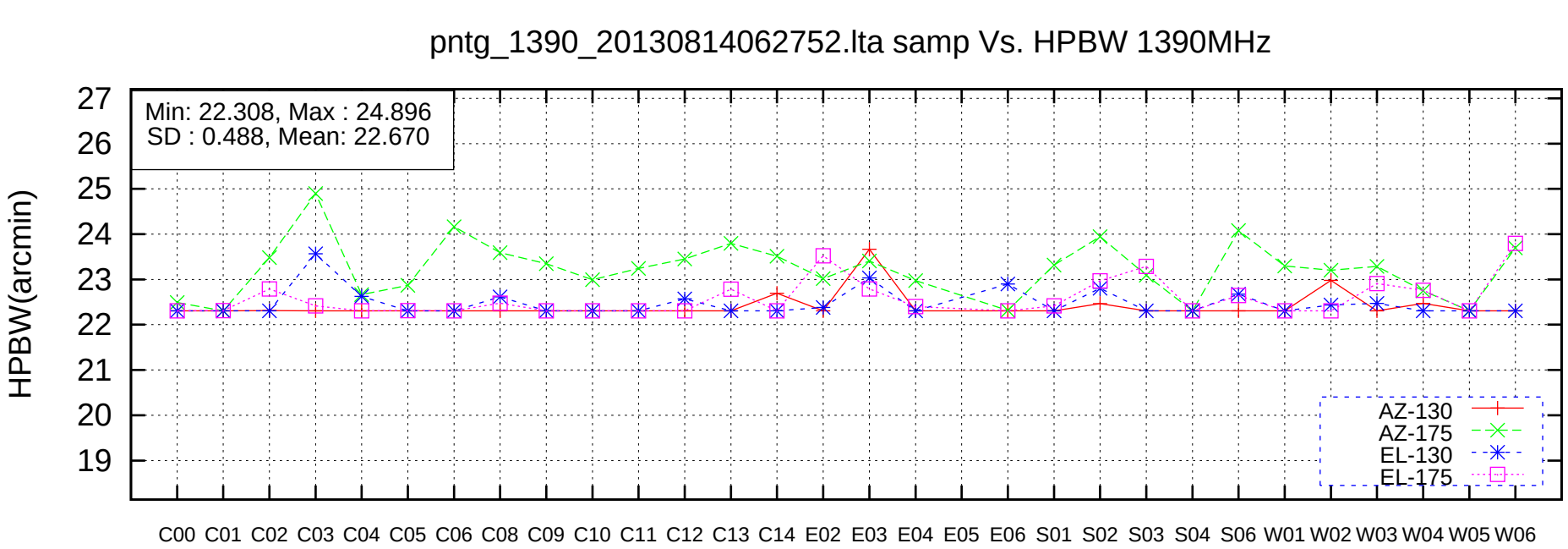
19
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130814062752.lta samp Vs. HPBW 1390MHz
Min: 22.308, Max : 24.896
SD : 0.488, Mean: 22.670
HPBW(arcmin)
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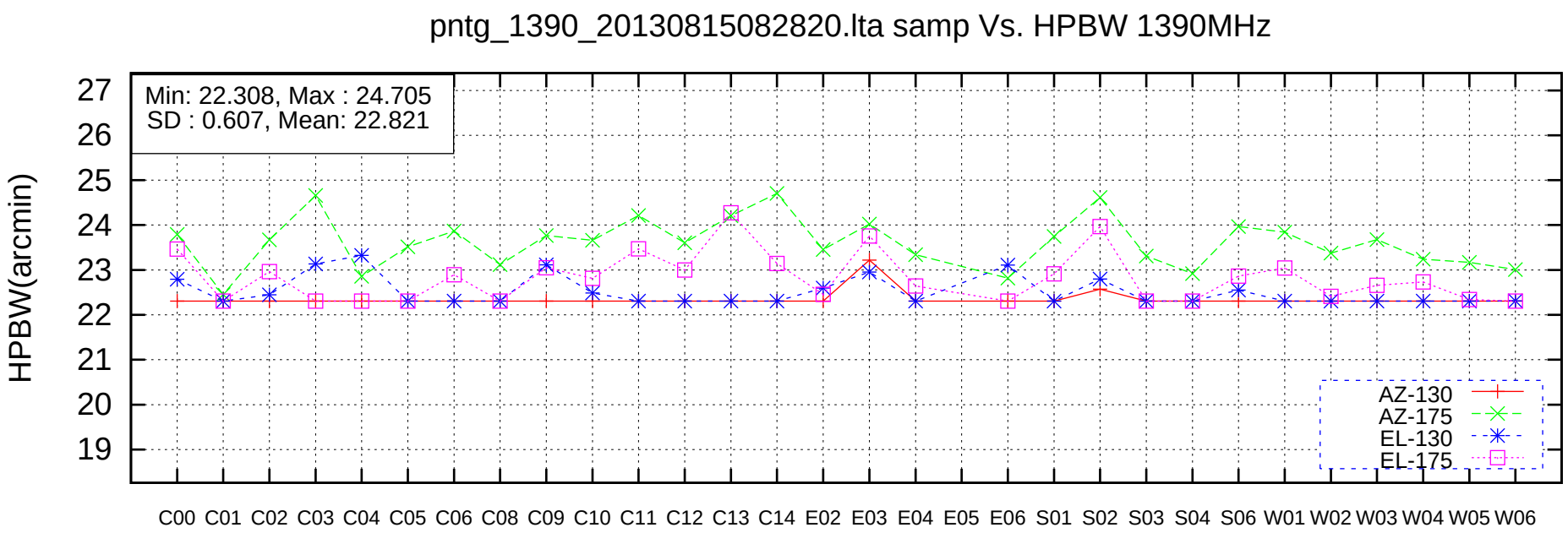
19
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130815082820.lta samp Vs. HPBW 1390MHz
Min: 22.308, Max : 24.705
SD : 0.607, Mean: 22.821
HPBW(arcmin)
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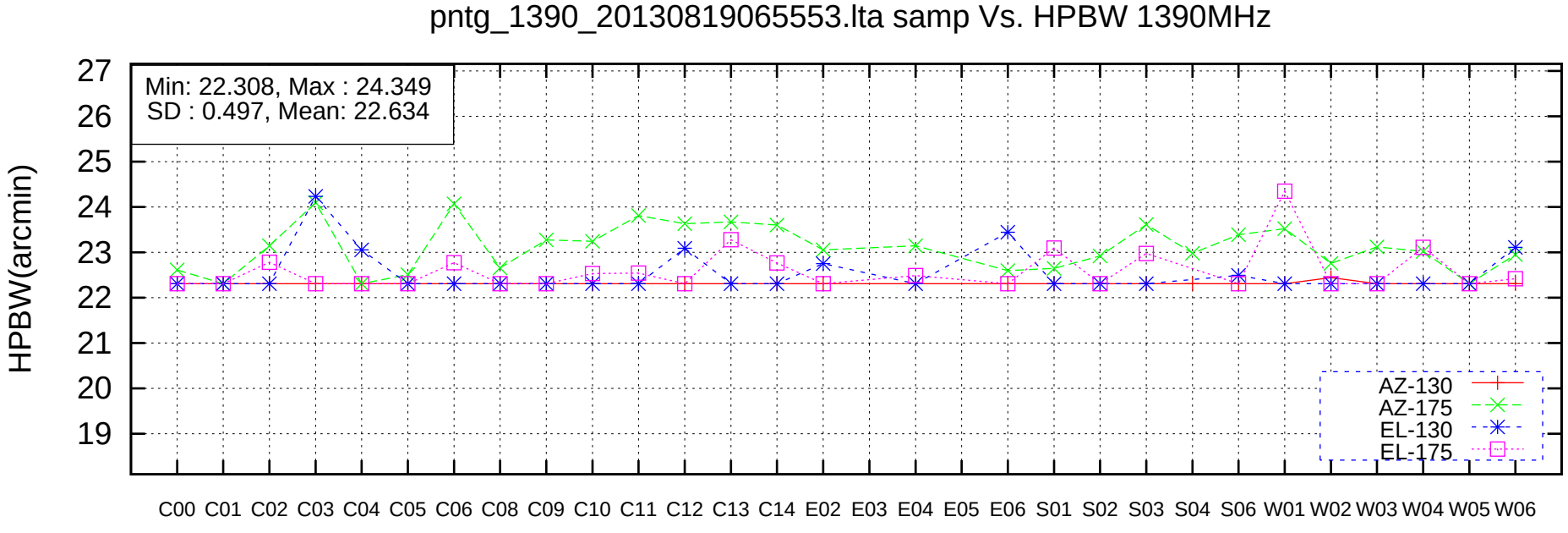
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130819065553.lta samp Vs. HPBW 1390MHz
Min: 22.308, Max : 24.349
SD : 0.497, Mean: 22.634
HPBW(arcmin)
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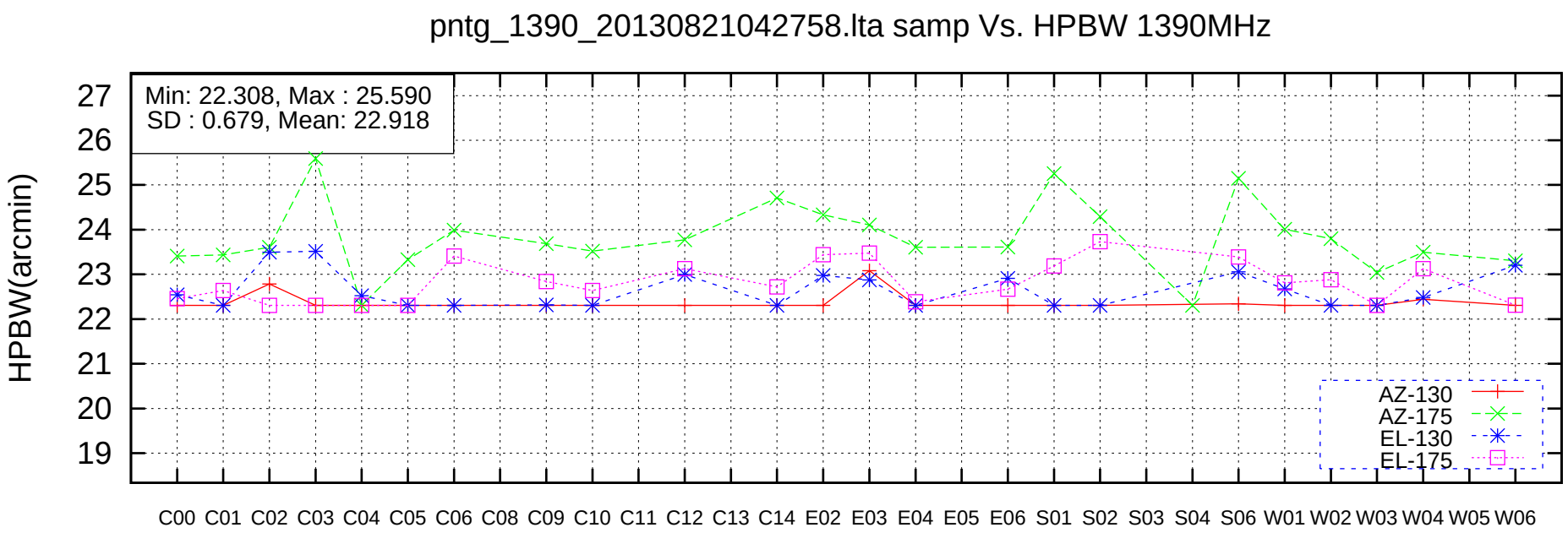
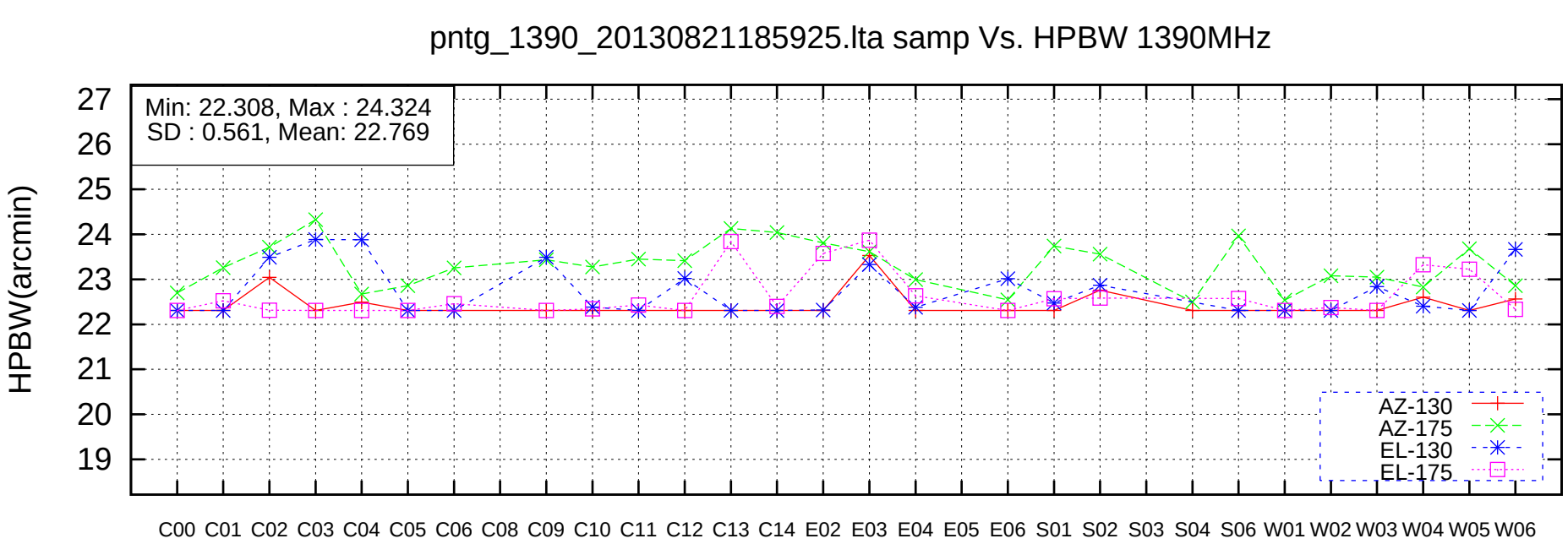
19
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130821042758.lta samp Vs. HPBW 1390MHz
Min: 22.308, Max : 25.590
SD : 0.679, Mean: 22.918
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_20130821185925.lta samp Vs. HPBW 1390MHz
Min: 22.308, Max : 24.324
SD : 0.561, Mean: 22.769
HPBW(arcmin)
27
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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