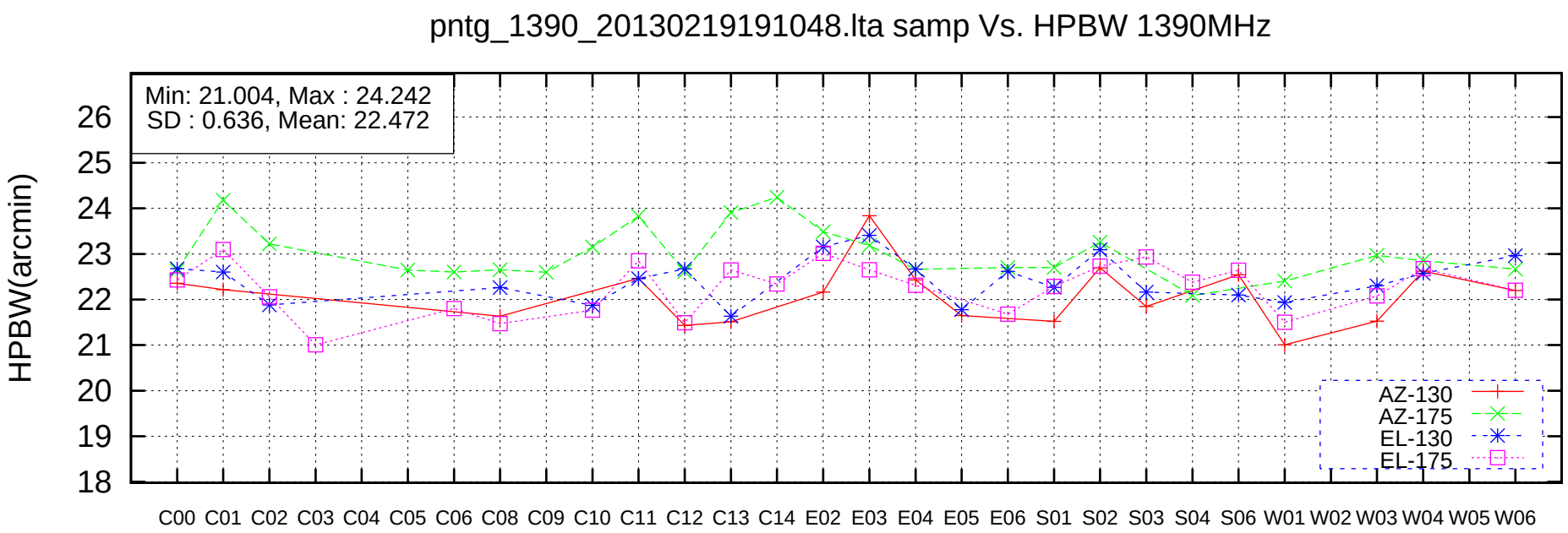
pntg_1390_20130219191048.lta samp Vs. HPBW 1390MHz
Min: 21.004, Max : 24.242
SD : 0.636, Mean: 22.472
HPBW(arcmin)
26
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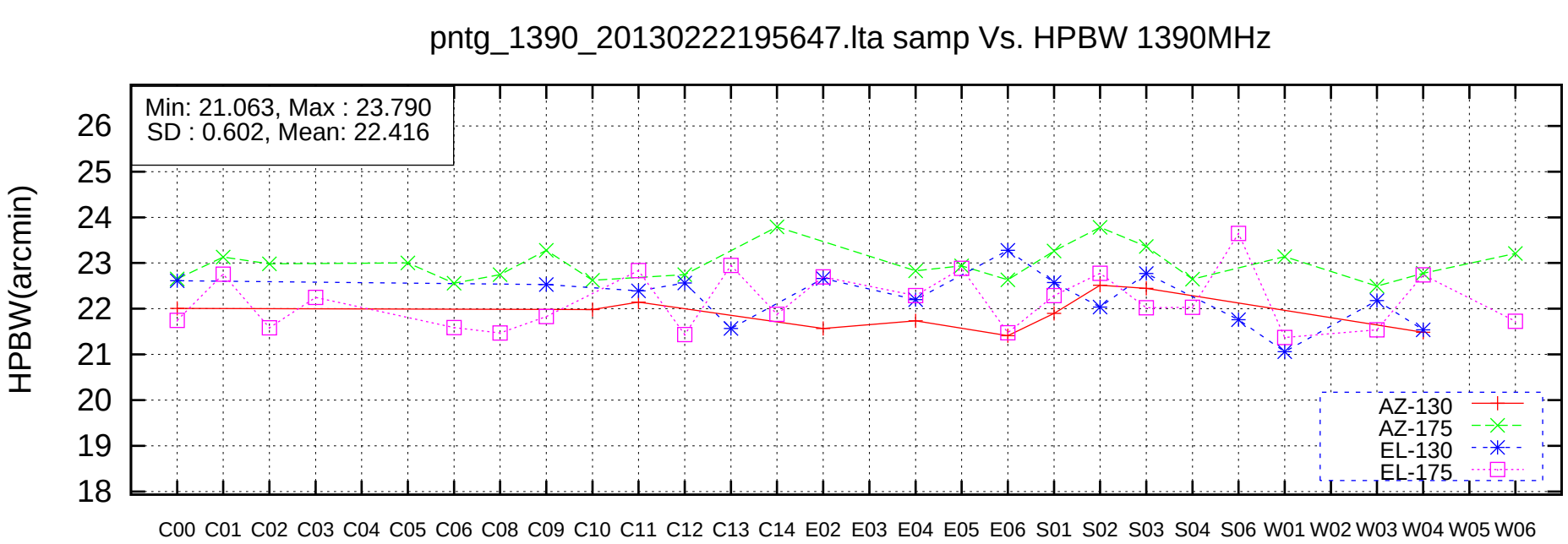
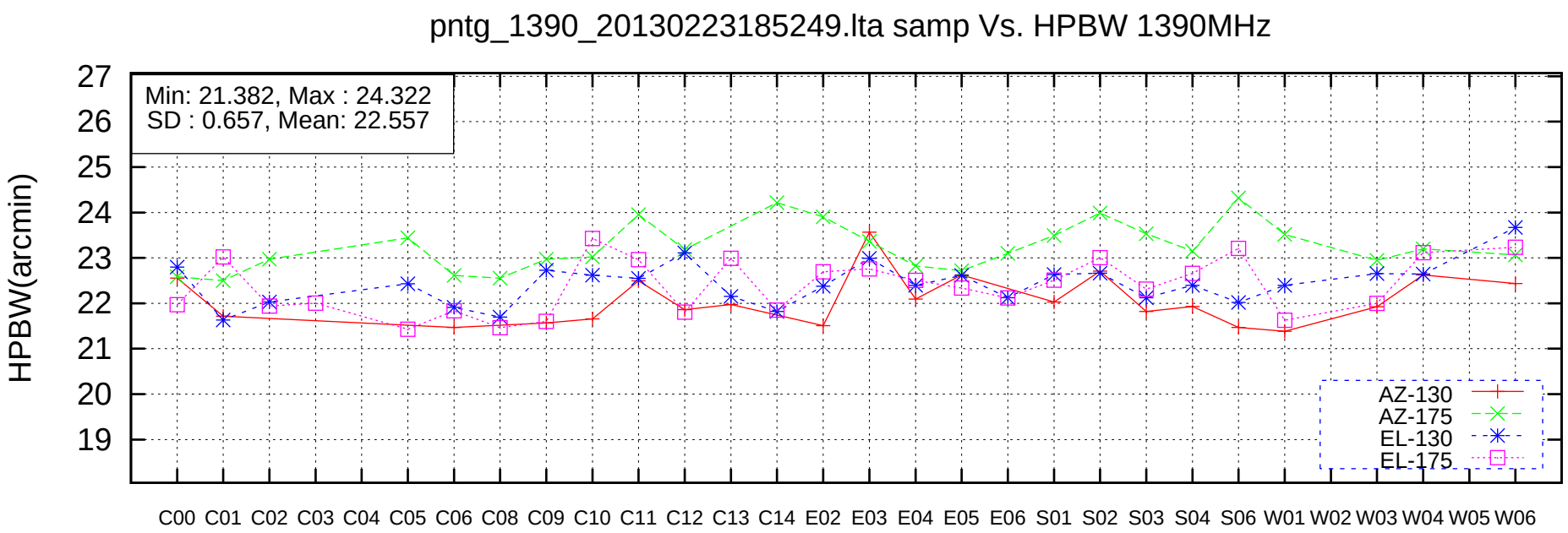
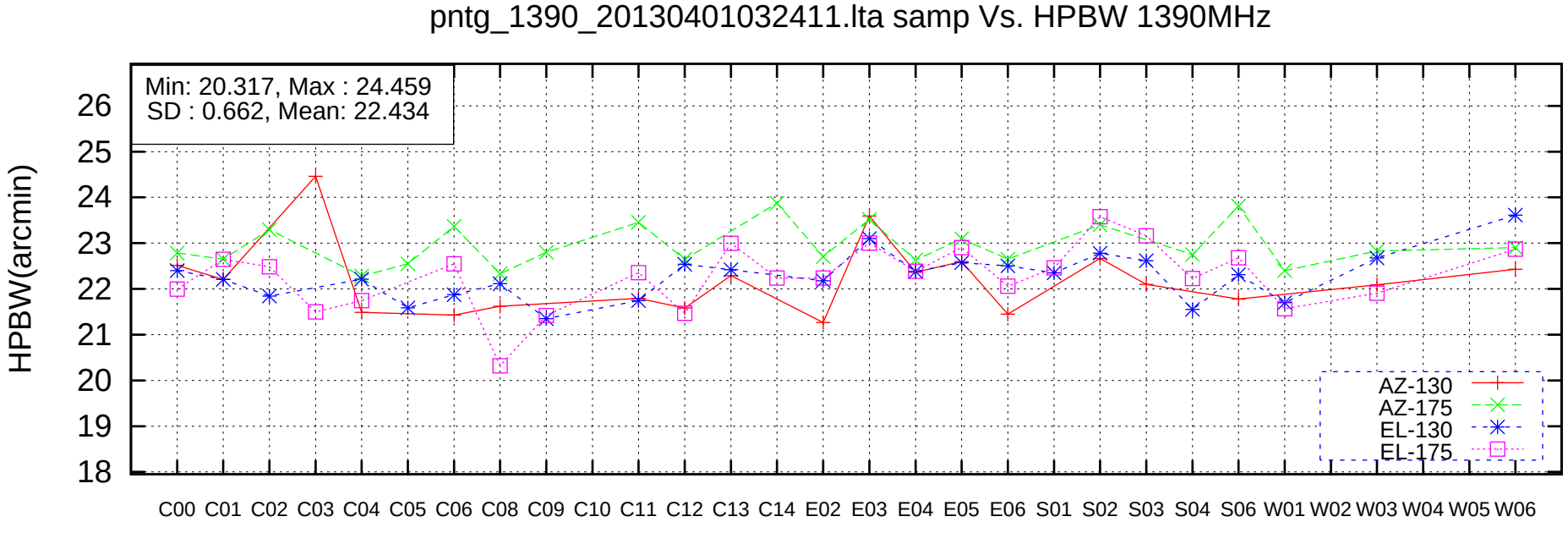
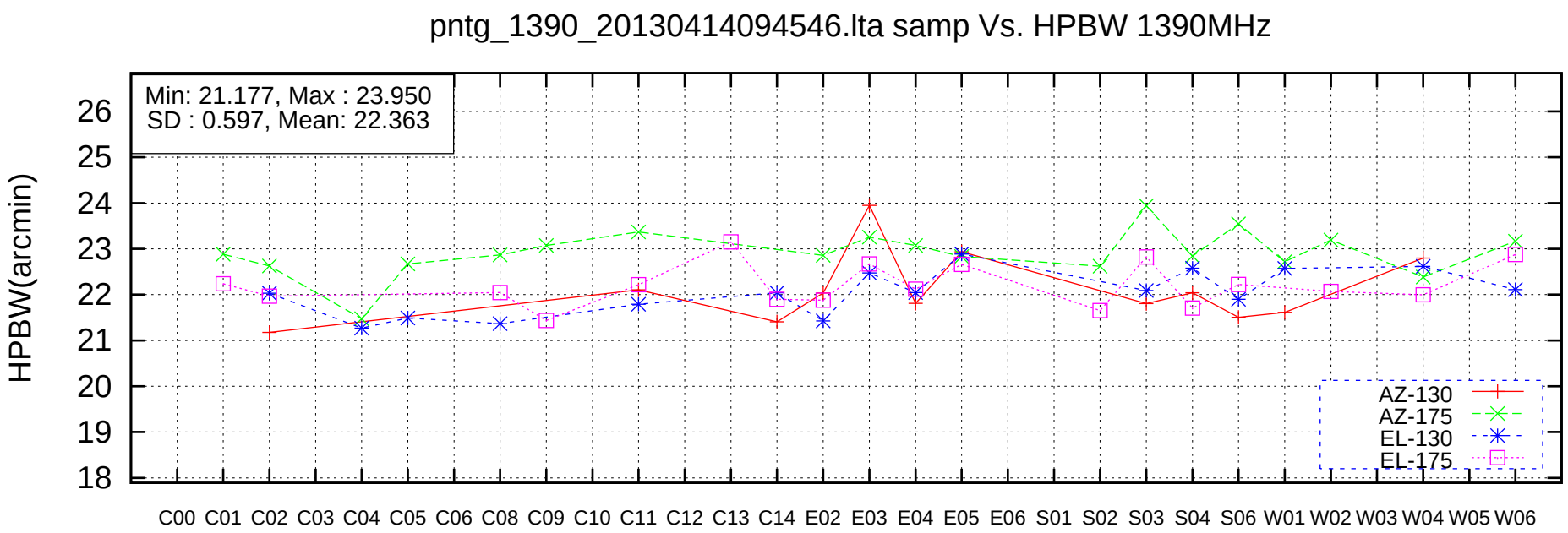
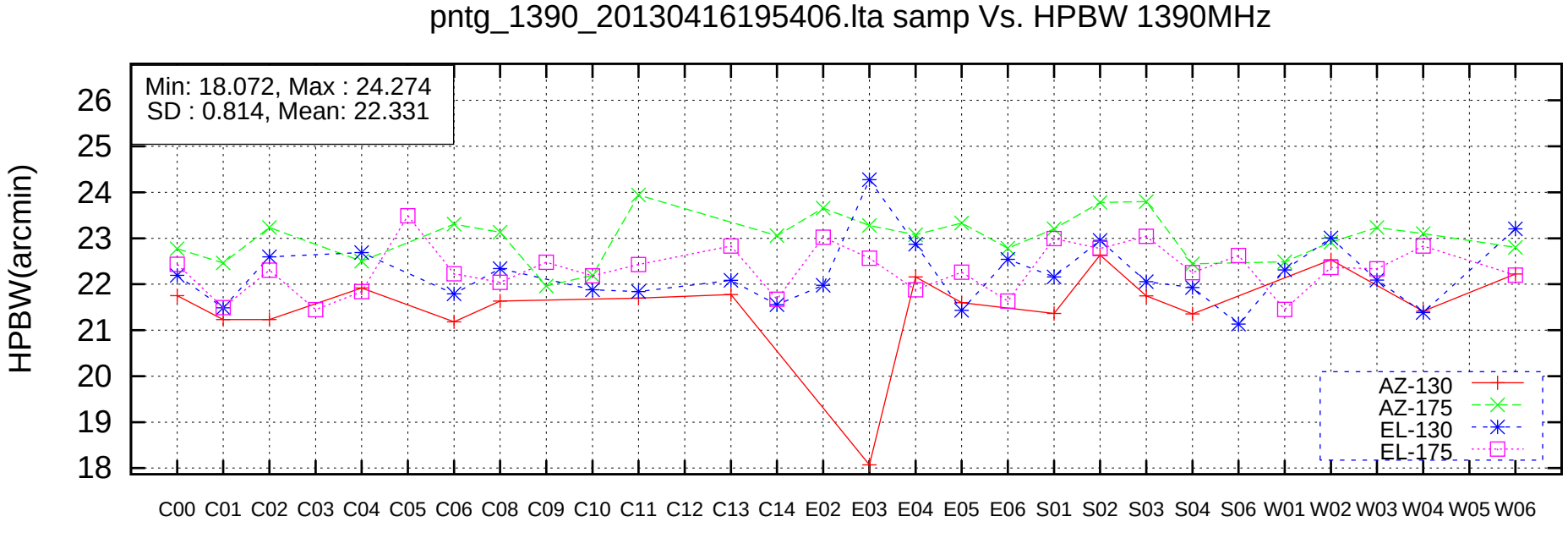
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06

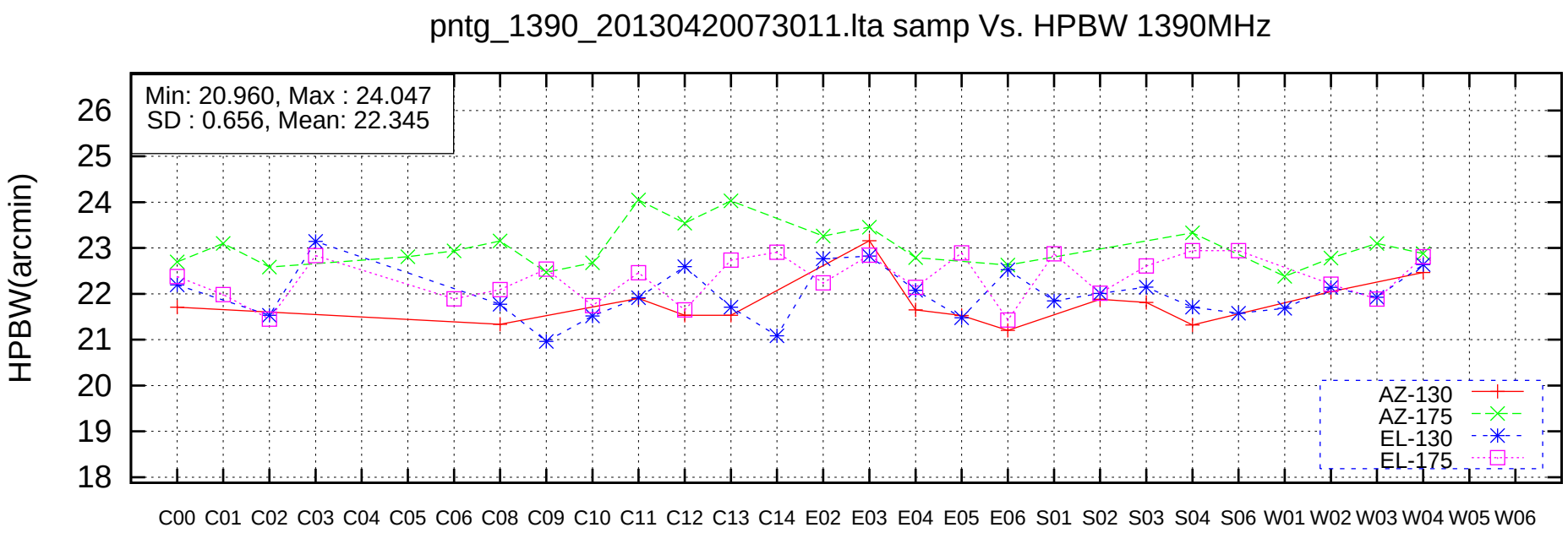

pntg_1390_20130222195647.lta samp Vs. HPBW 1390MHz
Min: 21.063, Max : 23.790
SD : 0.602, Mean: 22.416
HPBW(arcmin)
26
25
24
23
22
21
20
19
18
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130223185249.lta samp Vs. HPBW 1390MHz
Min: 21.382, Max : 24.322
SD : 0.657, Mean: 22.557
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: 20.317, Max : 24.459
SD : 0.662, Mean: 22.434
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: 21.177, Max : 23.950
SD : 0.597, Mean: 22.363
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: 18.072, Max : 24.274
SD : 0.814, Mean: 22.331
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: 20.960, Max : 24.047
SD : 0.656, Mean: 22.345
HPBW(arcmin)
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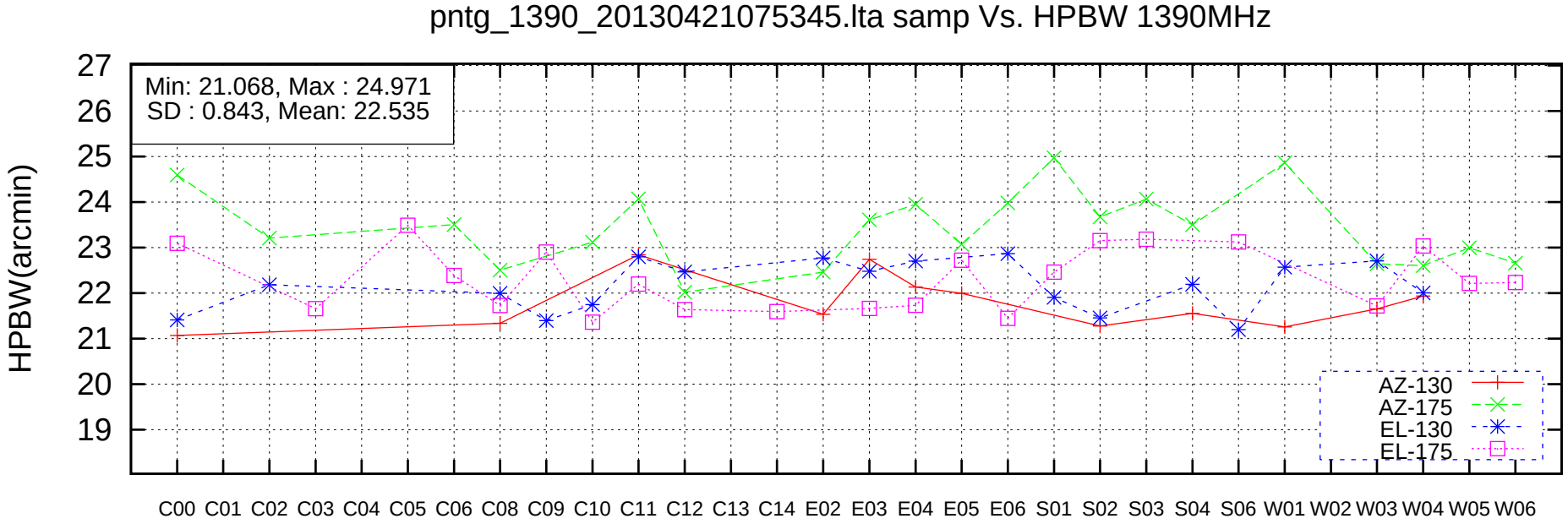
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130421075345.lta samp Vs. HPBW 1390MHz
Min: 21.068, Max : 24.971
SD : 0.843, Mean: 22.535
HPBW(arcmin)
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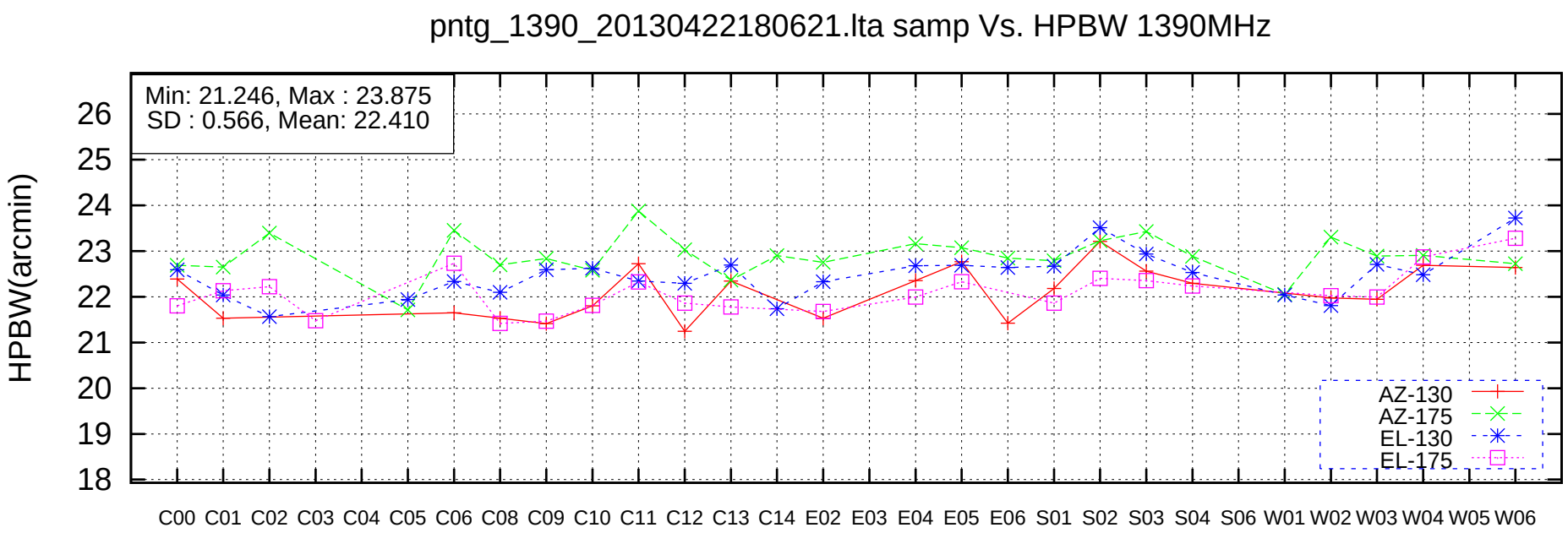
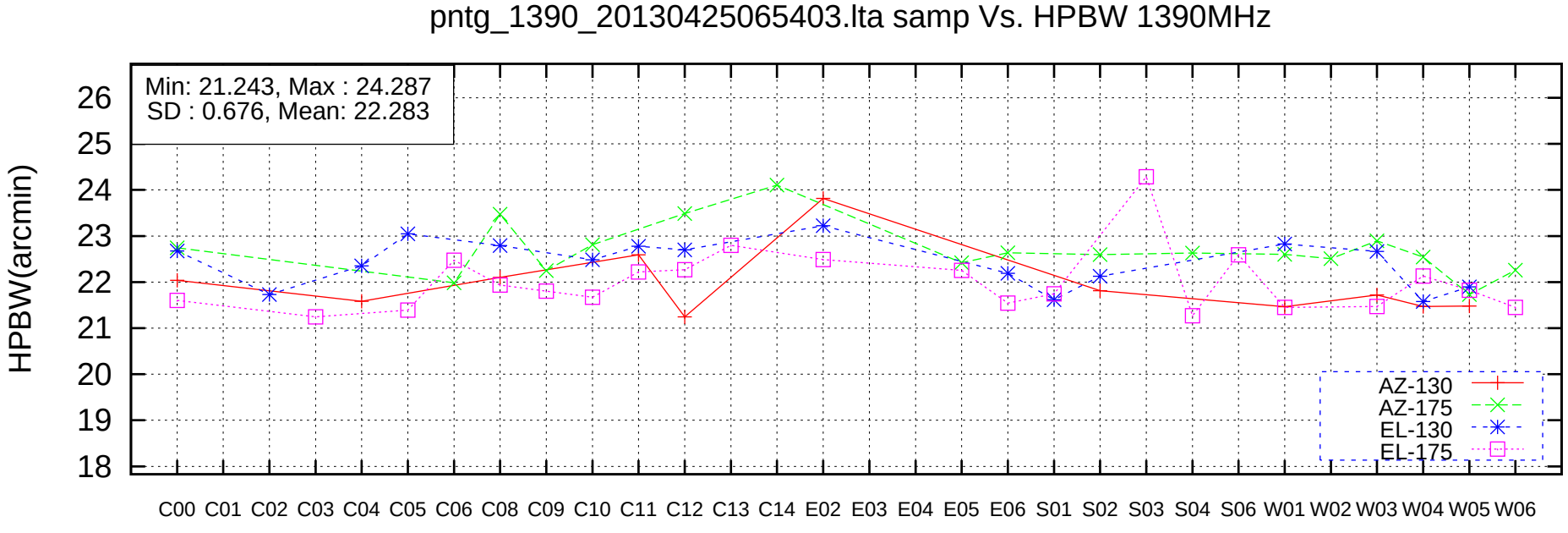
19
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130422180621.lta samp Vs. HPBW 1390MHz
Min: 21.246, Max : 23.875
SD : 0.566, Mean: 22.410
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_20130425065403.lta samp Vs. HPBW 1390MHz
Min: 21.243, Max : 24.287
SD : 0.676, Mean: 22.283
HPBW(arcmin)
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19
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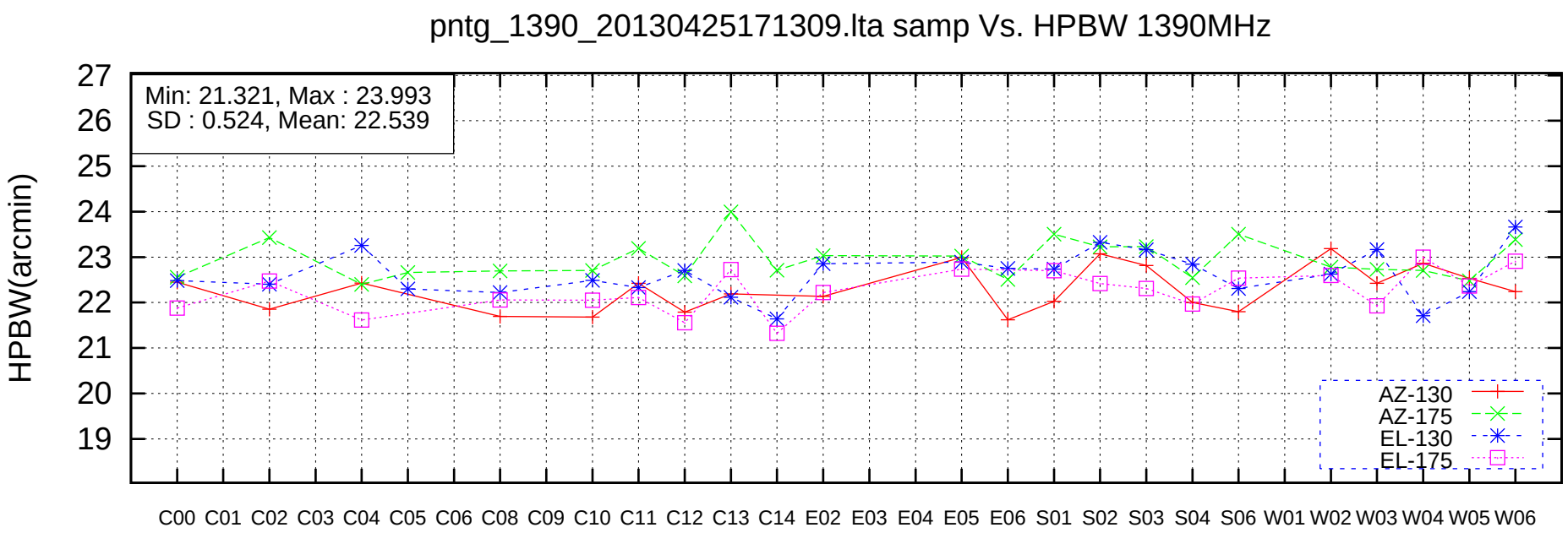
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130425171309.lta samp Vs. HPBW 1390MHz
Min: 21.321, Max : 23.993
SD : 0.524, Mean: 22.539
HPBW(arcmin)
27
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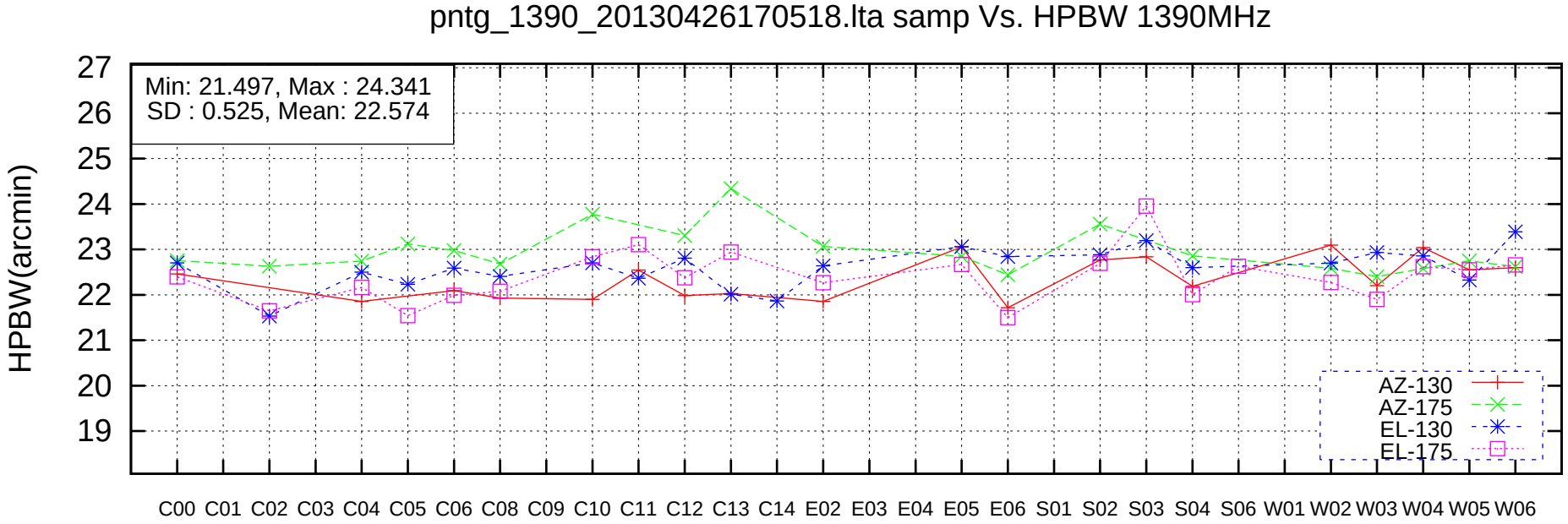
19
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130426170518.lta samp Vs. HPBW 1390MHz
Min: 21.497, Max : 24.341
SD : 0.525, Mean: 22.574
HPBW(arcmin)
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21
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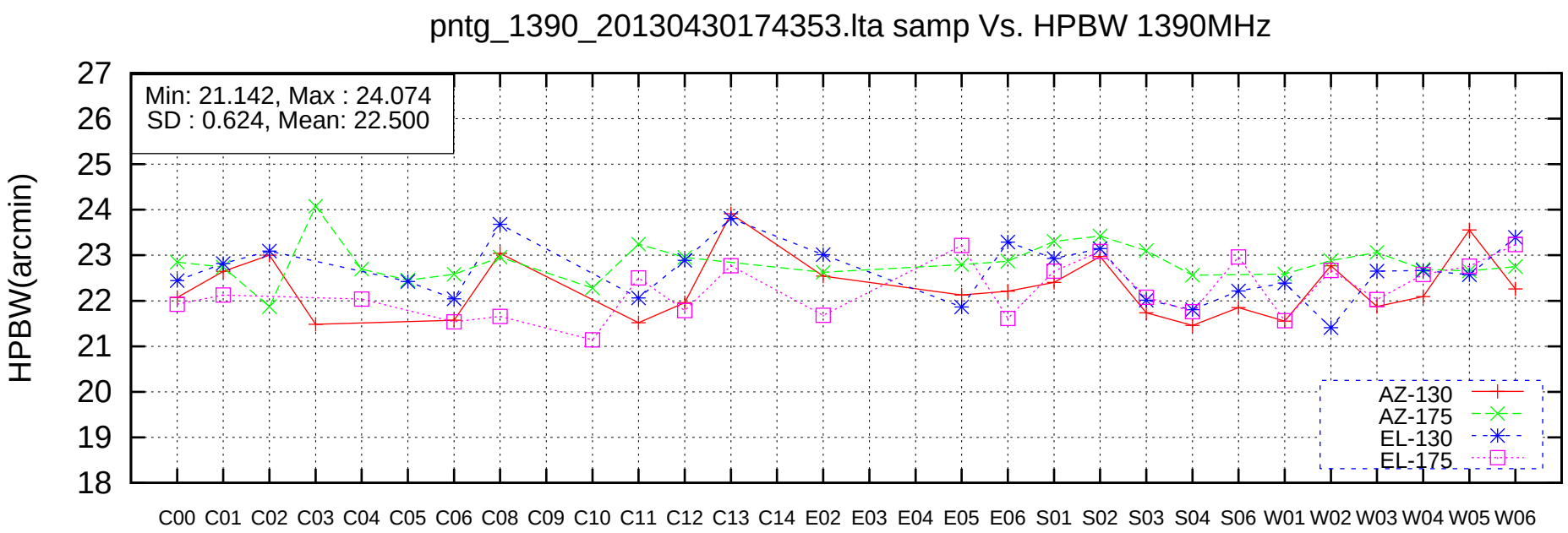
19
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130430174353.lta samp Vs. HPBW 1390MHz
Min: 21.142, Max : 24.074
SD : 0.624, Mean: 22.500
HPBW(arcmin)
27
26
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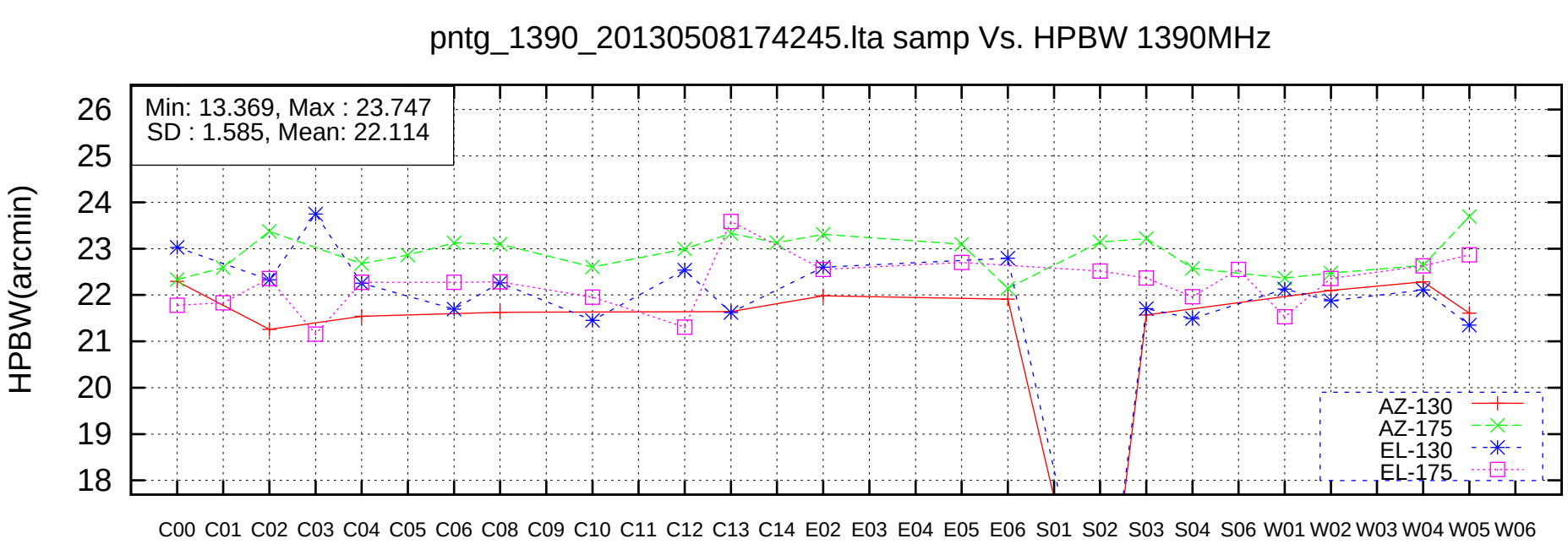
23
22
21
20
19
18
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130508174245.lta samp Vs. HPBW 1390MHz
Min: 13.369, Max : 23.747
SD : 1.585, Mean: 22.114
HPBW(arcmin)
26
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19
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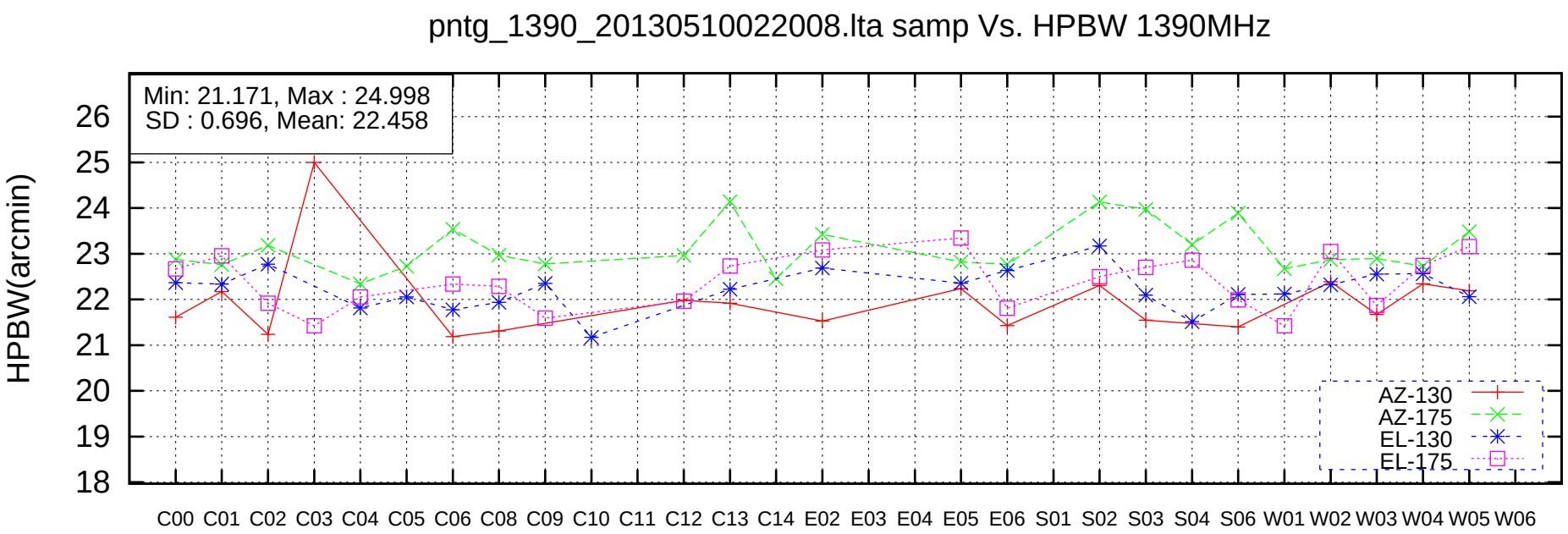
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130510022008.lta samp Vs. HPBW 1390MHz
Min: 21.171, Max : 24.998
SD : 0.696, Mean: 22.458
HPBW(arcmin)
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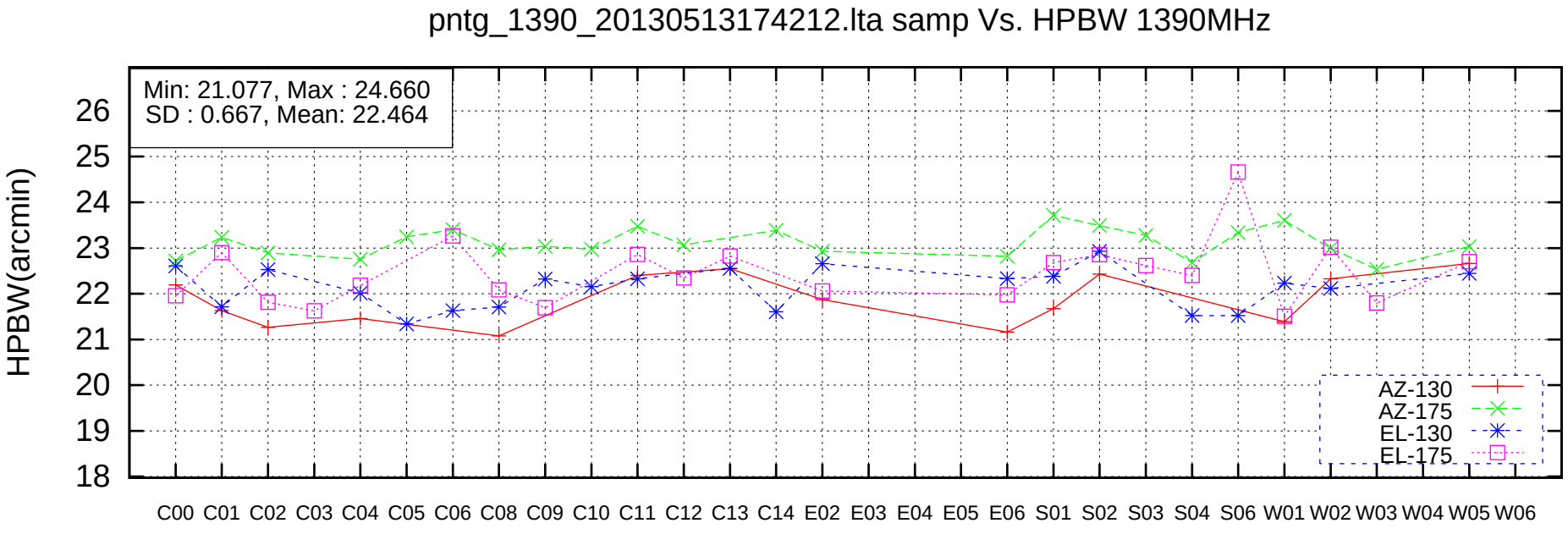
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06
AZ-130
AZ-175
EL-130
EL-175


pntg_1390_20130513174212.lta samp Vs. HPBW 1390MHz
Min: 21.077, Max : 24.660
SD : 0.667, Mean: 22.464
HPBW(arcmin)
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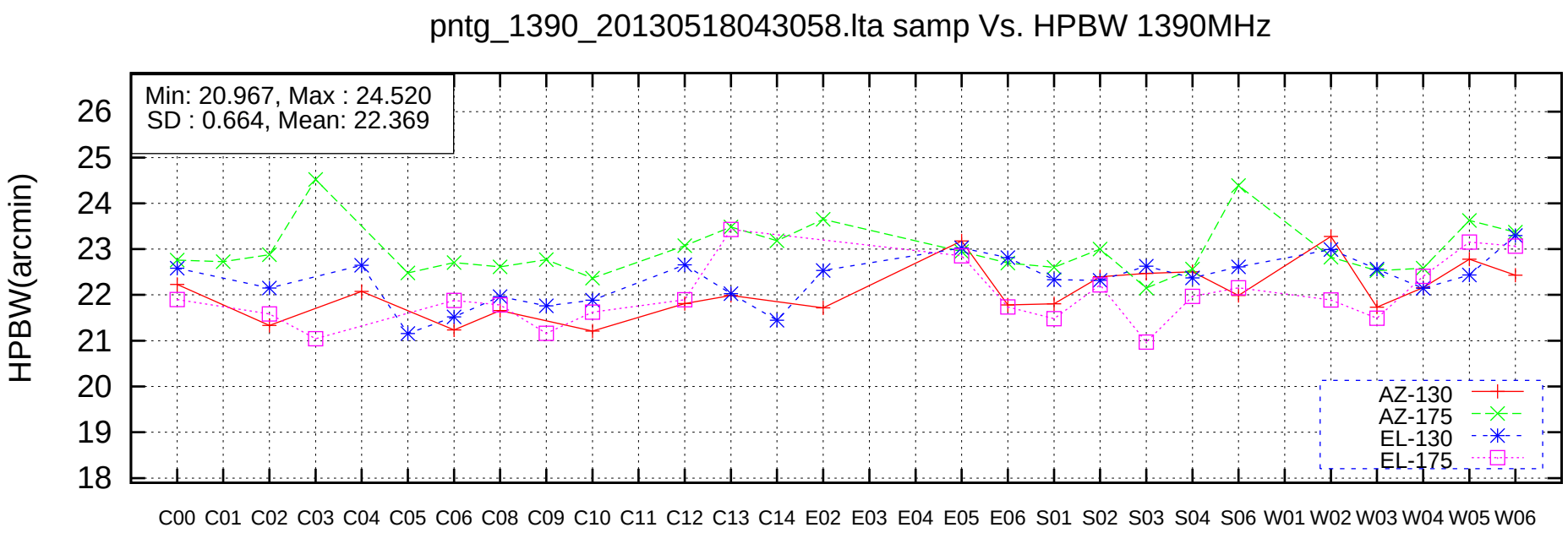
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06
AZ-130
AZ-175
EL-130
EL-175


pntg_1390_20130518043058.lta samp Vs. HPBW 1390MHz
Min: 20.967, Max : 24.520
SD : 0.664, Mean: 22.369
HPBW(arcmin)
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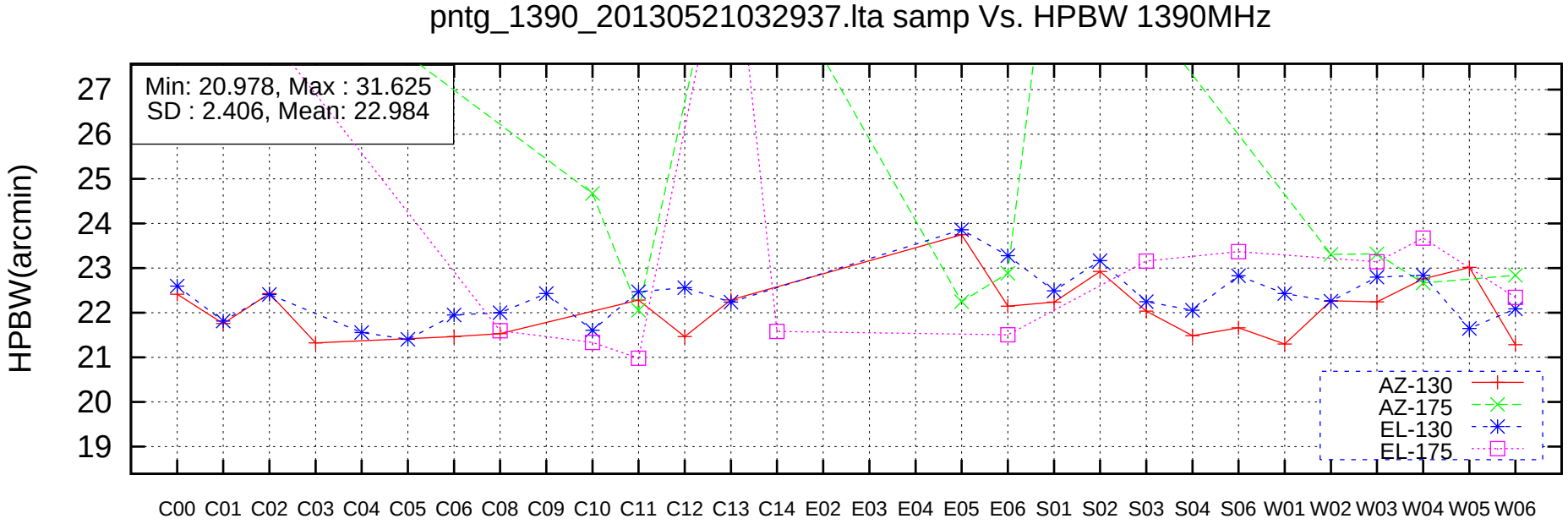
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130521032937.lta samp Vs. HPBW 1390MHz
Min: 20.978, Max : 31.625
SD : 2.406, Mean: 22.984
HPBW(arcmin)
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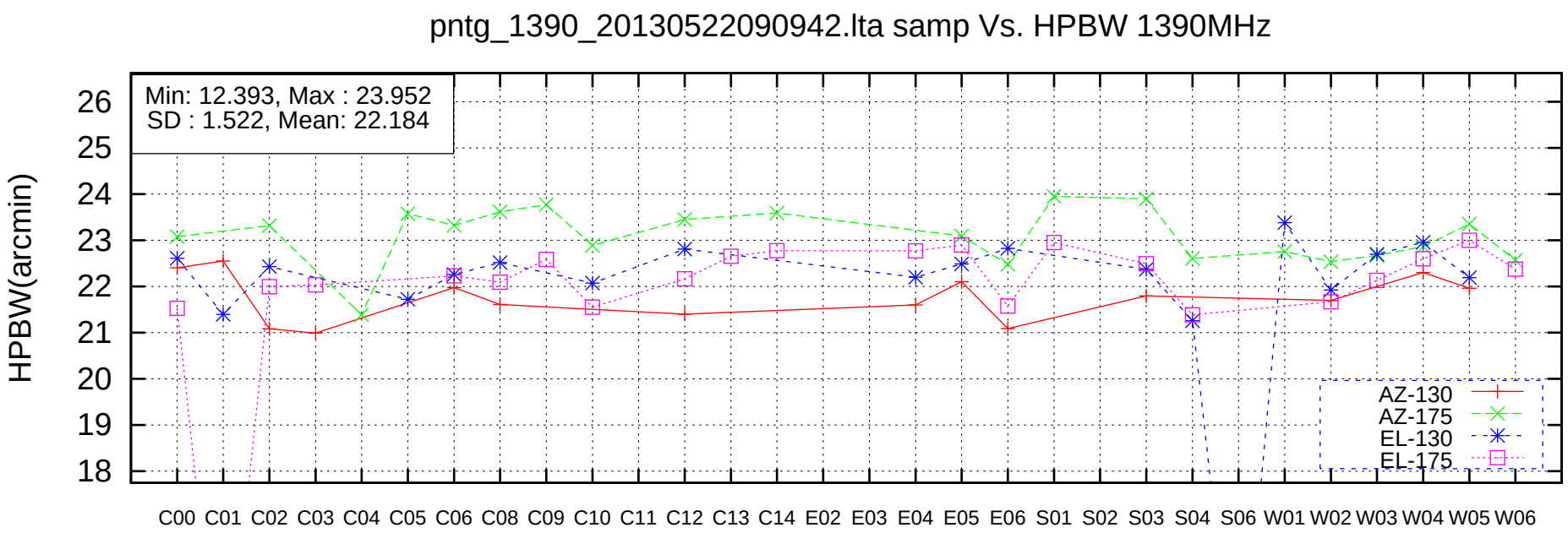
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130522090942.lta samp Vs. HPBW 1390MHz
Min: 12.393, Max : 23.952
SD : 1.522, Mean: 22.184
HPBW(arcmin)
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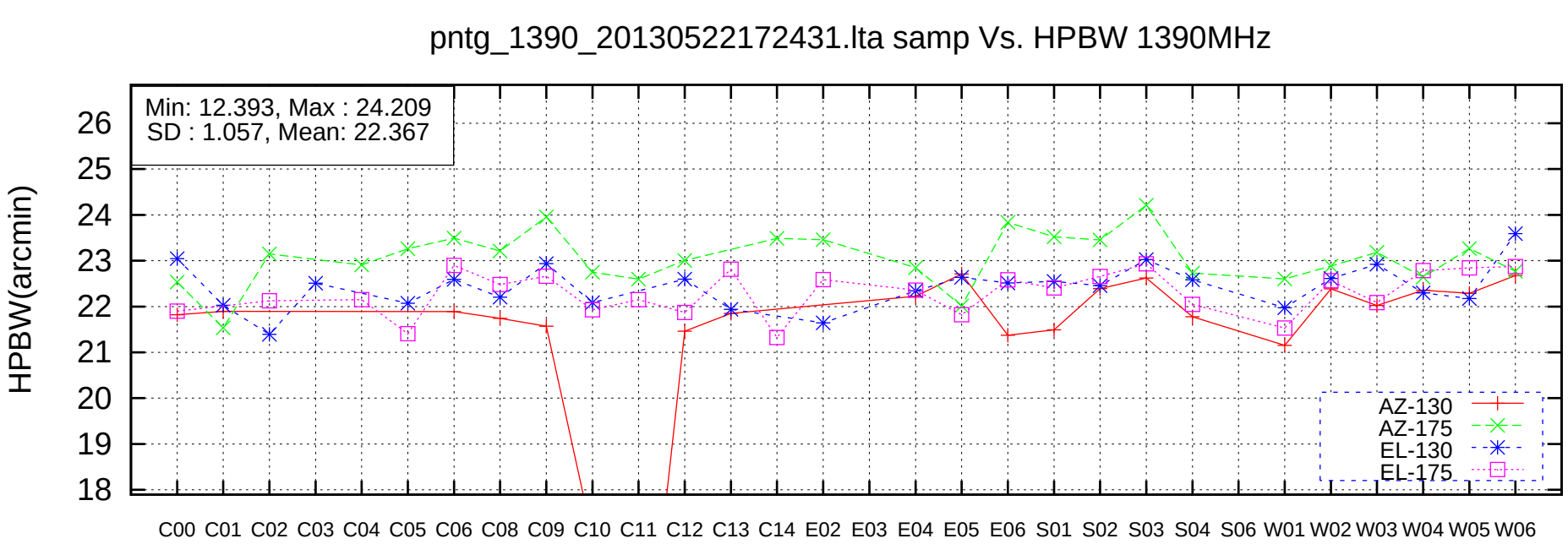
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06
AZ-130
AZ-175
EL-130
EL-175


pntg_1390_20130522172431.lta samp Vs. HPBW 1390MHz
Min: 12.393, Max : 24.209
SD : 1.057, Mean: 22.367
HPBW(arcmin)
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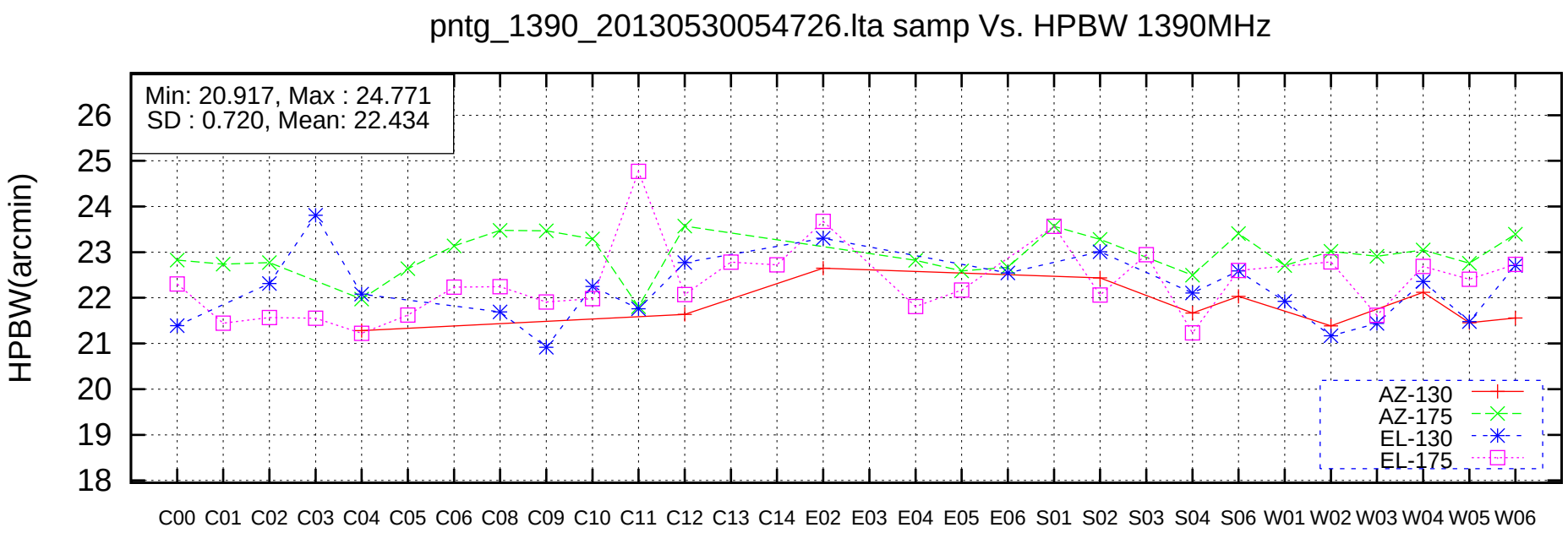
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06
AZ-130
AZ-175
EL-130
EL-175


pntg_1390_20130530054726.lta samp Vs. HPBW 1390MHz
Min: 20.917, Max : 24.771
SD : 0.720, Mean: 22.434
HPBW(arcmin)
26
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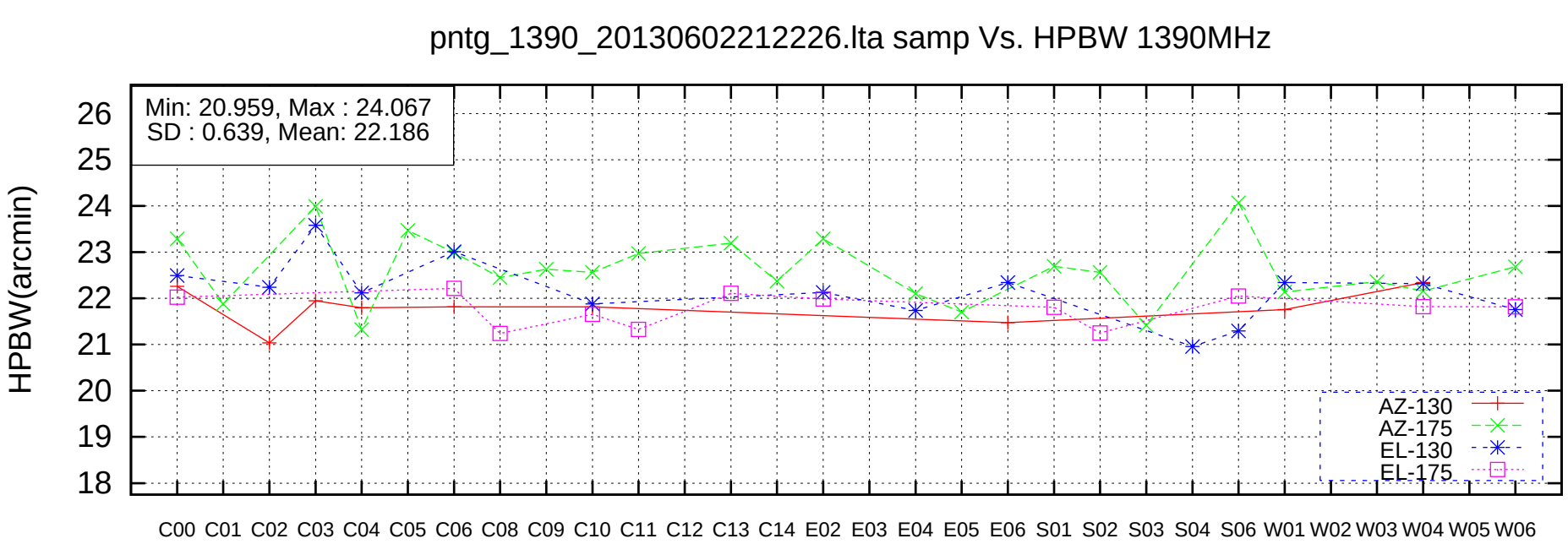
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06
AZ-130
AZ-175
EL-130
EL-175


pntg_1390_20130602212226.lta samp Vs. HPBW 1390MHz
Min: 20.959, Max : 24.067
SD : 0.639, Mean: 22.186
HPBW(arcmin)
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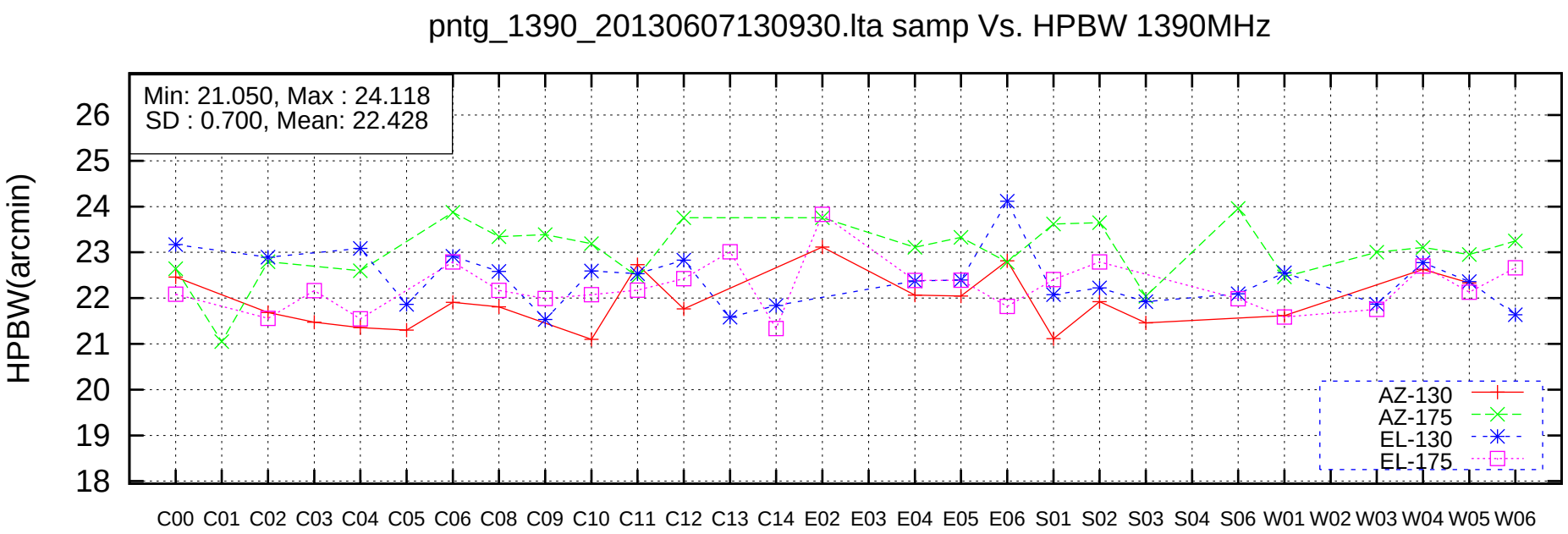
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06
AZ-130
AZ-175
EL-130
EL-175


pntg_1390_20130607130930.lta samp Vs. HPBW 1390MHz
Min: 21.050, Max : 24.118
SD : 0.700, Mean: 22.428
HPBW(arcmin)
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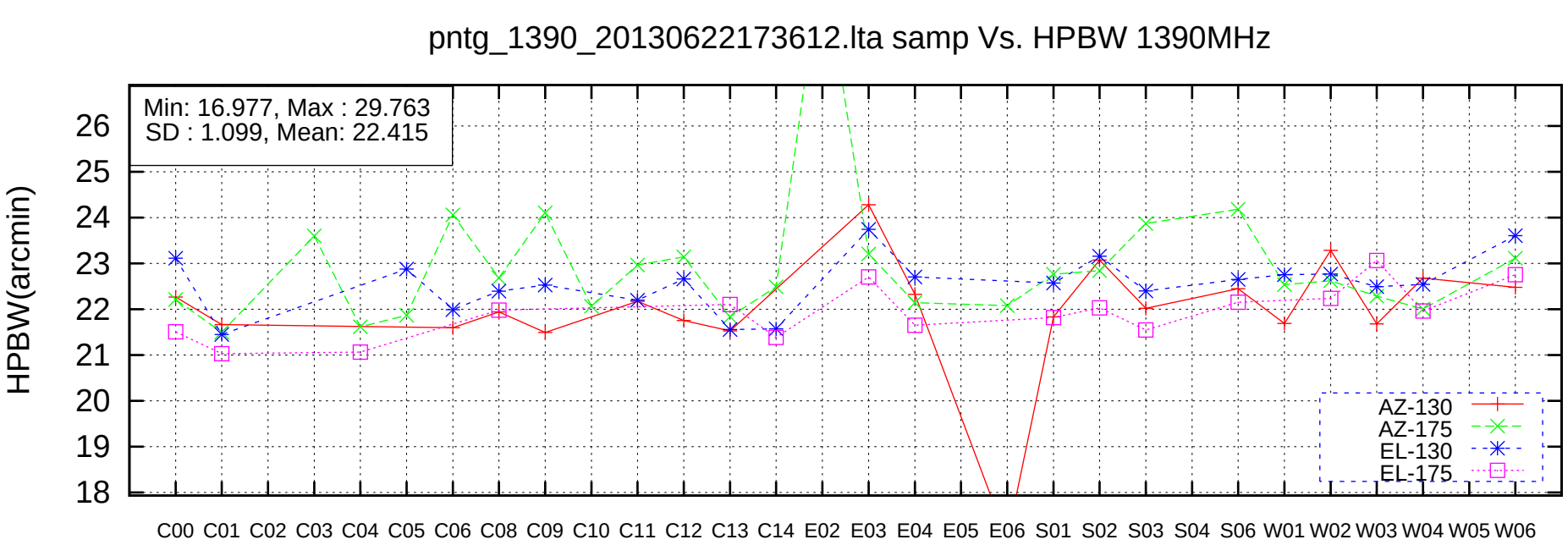
19
18
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130622173612.lta samp Vs. HPBW 1390MHz
Min: 16.977, Max : 29.763
SD : 1.099, Mean: 22.415
HPBW(arcmin)
26
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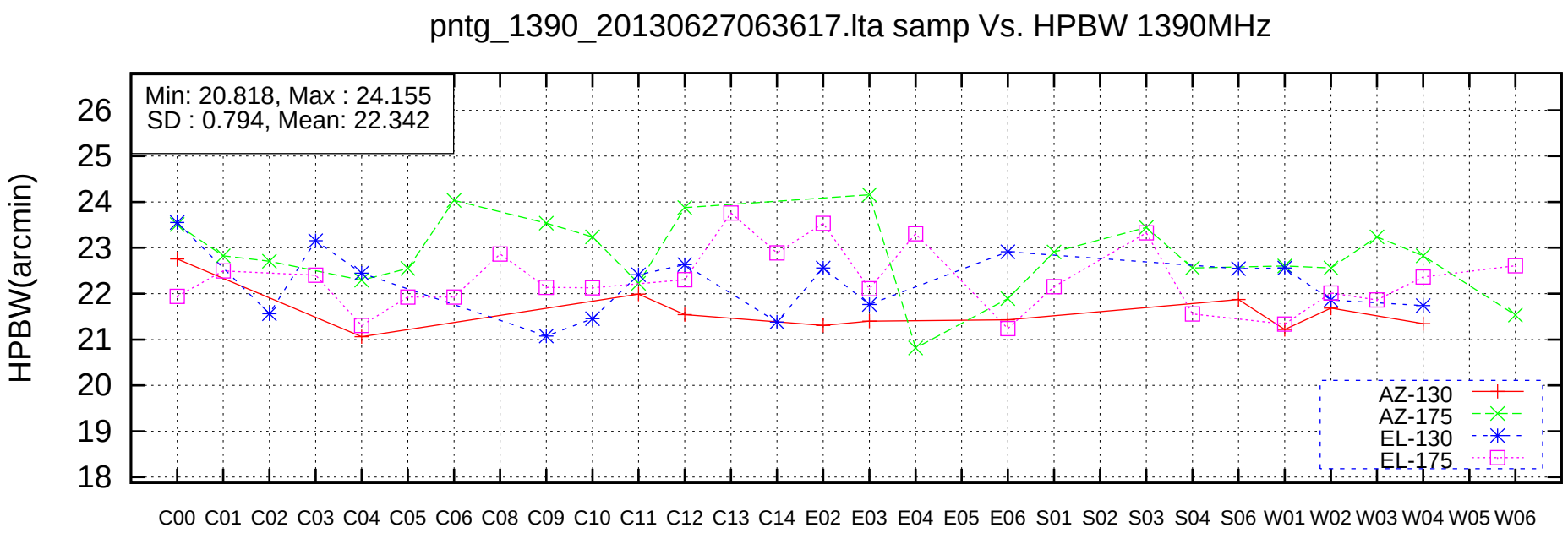
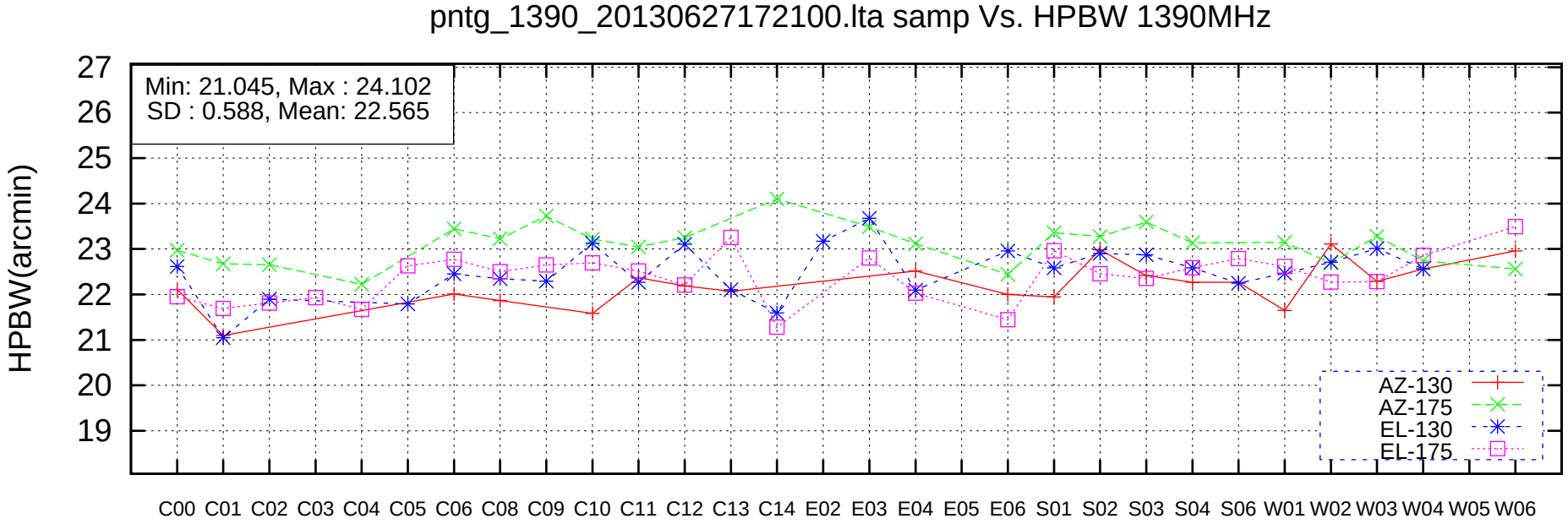
21
20
19
18
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130627063617.lta samp Vs. HPBW 1390MHz
Min: 20.818, Max : 24.155
SD : 0.794, Mean: 22.342
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_20130627172100.lta samp Vs. HPBW 1390MHz
Min: 21.045, Max : 24.102
SD : 0.588, Mean: 22.565
HPBW(arcmin)
27
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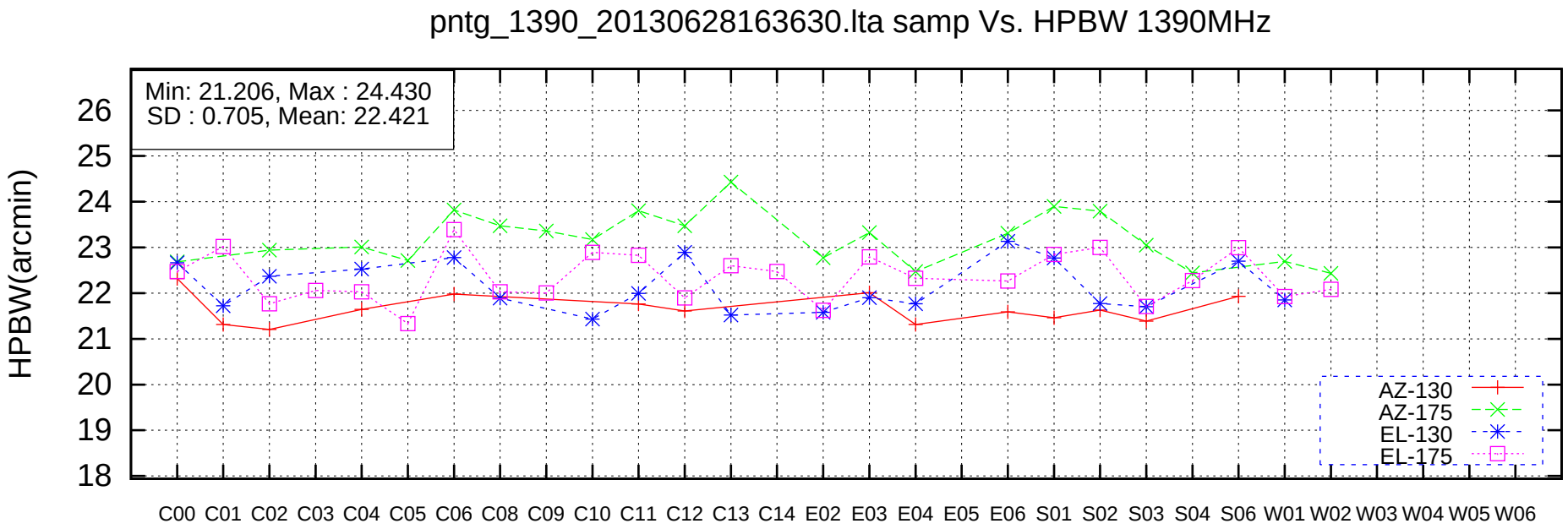
22
21
20
19
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130628163630.lta samp Vs. HPBW 1390MHz
Min: 21.206, Max : 24.430
SD : 0.705, Mean: 22.421
HPBW(arcmin)
26
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22
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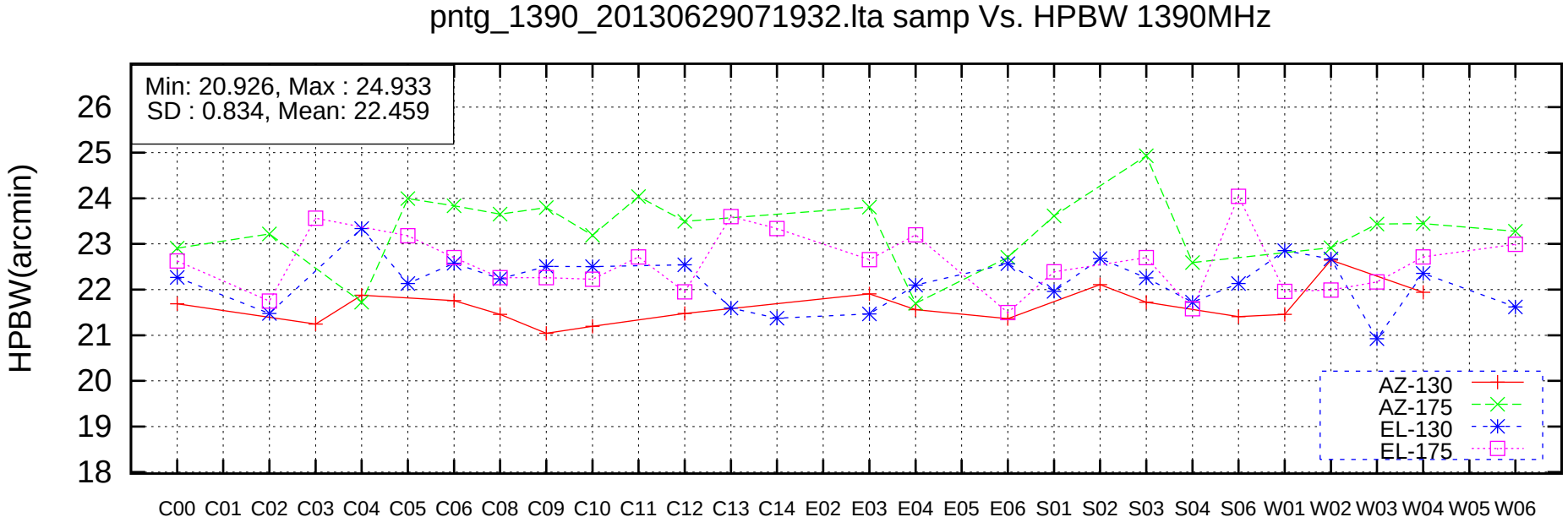
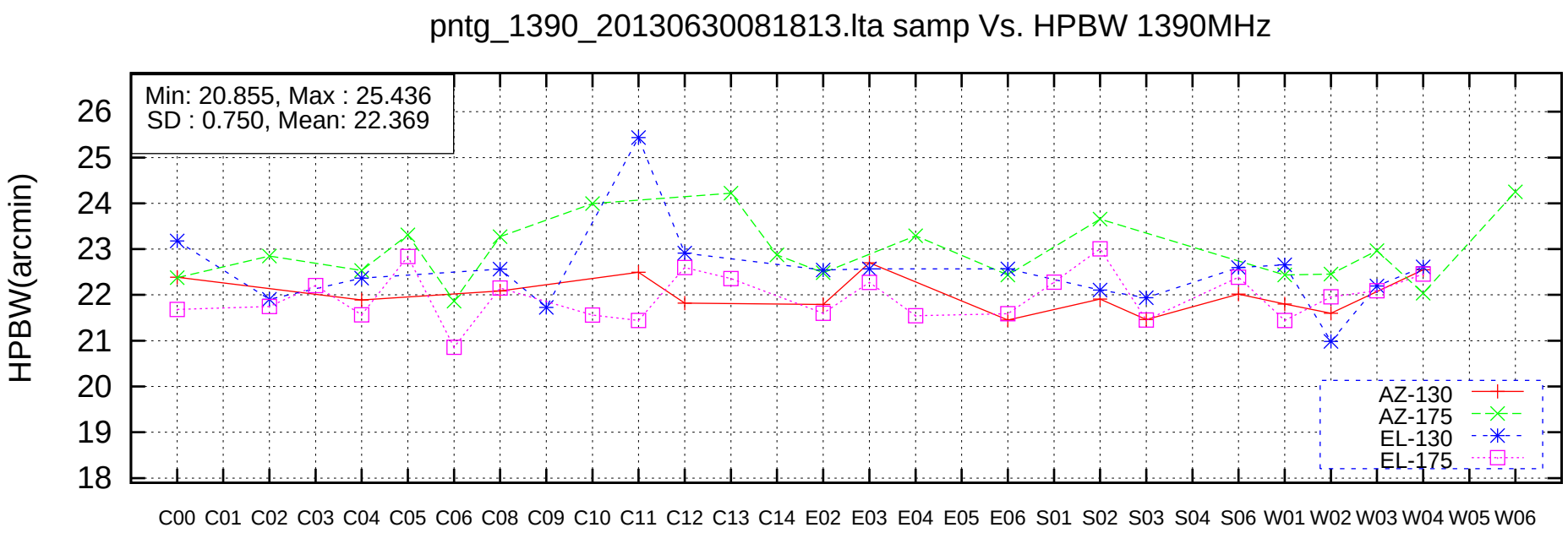
19
18
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130629071932.lta samp Vs. HPBW 1390MHz
Min: 20.926, Max : 24.933
SD : 0.834, Mean: 22.459
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_20130630081813.lta samp Vs. HPBW 1390MHz
Min: 20.855, Max : 25.436
SD : 0.750, Mean: 22.369
HPBW(arcmin)
26
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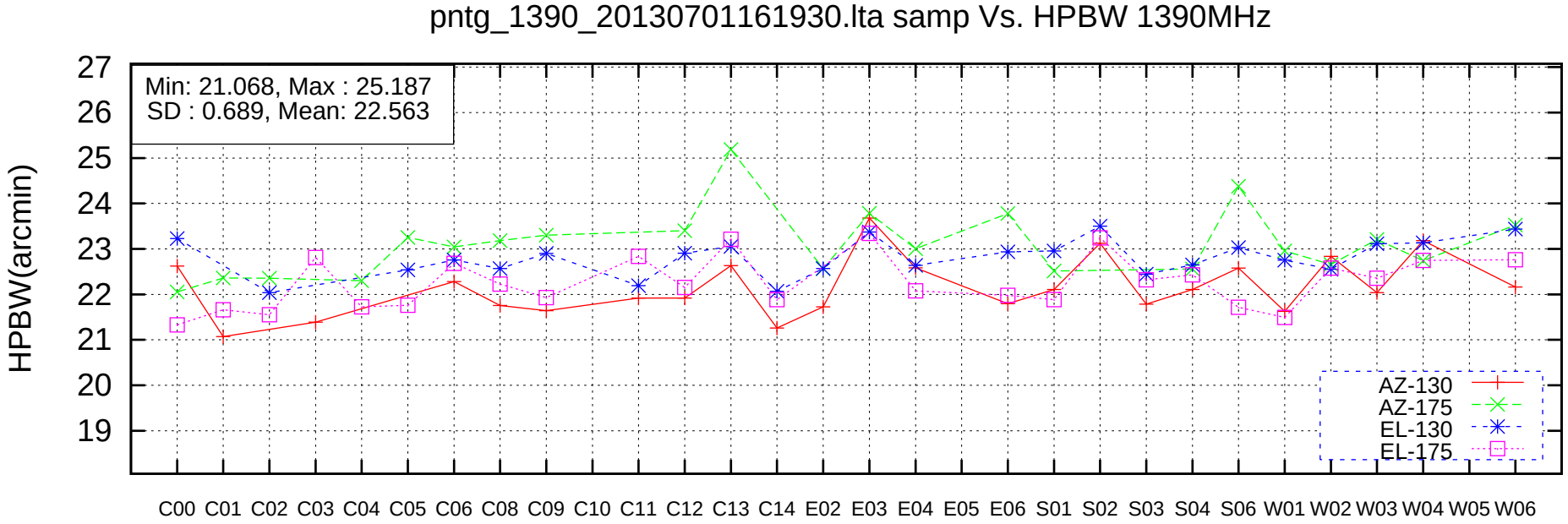
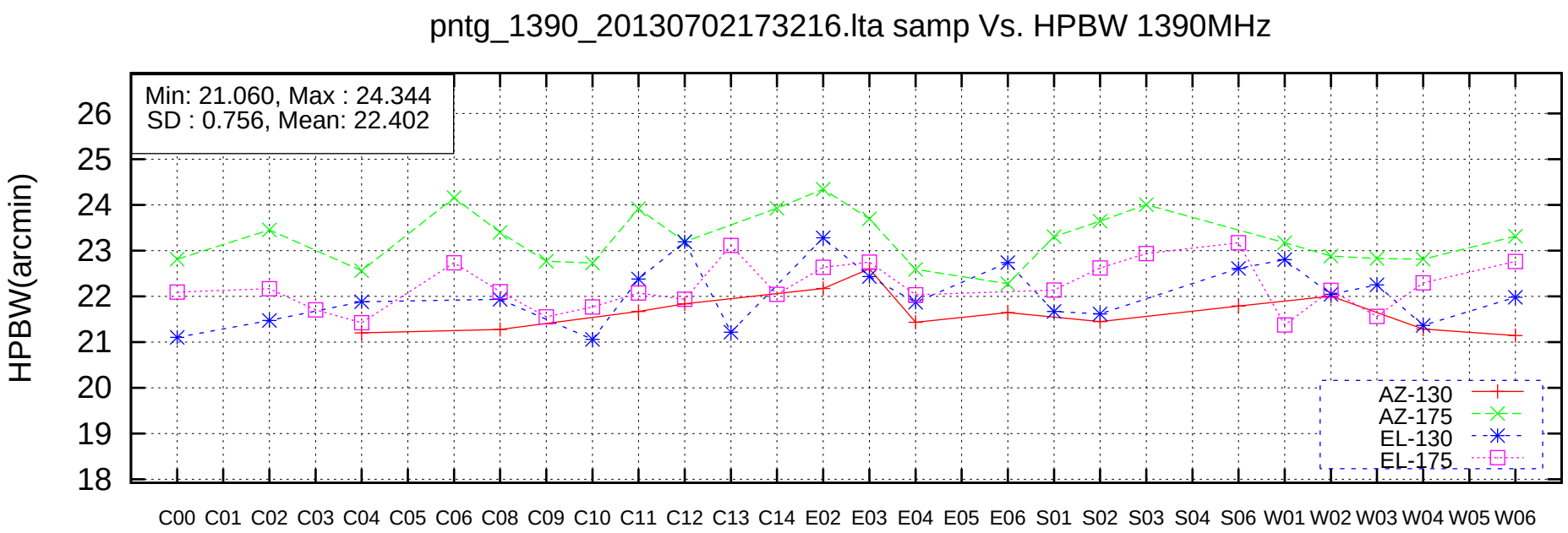
24
23
22
21
20
19
18
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130701161930.lta samp Vs. HPBW 1390MHz
Min: 21.068, Max : 25.187
SD : 0.689, Mean: 22.563
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: 21.060, Max : 24.344
SD : 0.756, Mean: 22.402
HPBW(arcmin)
26
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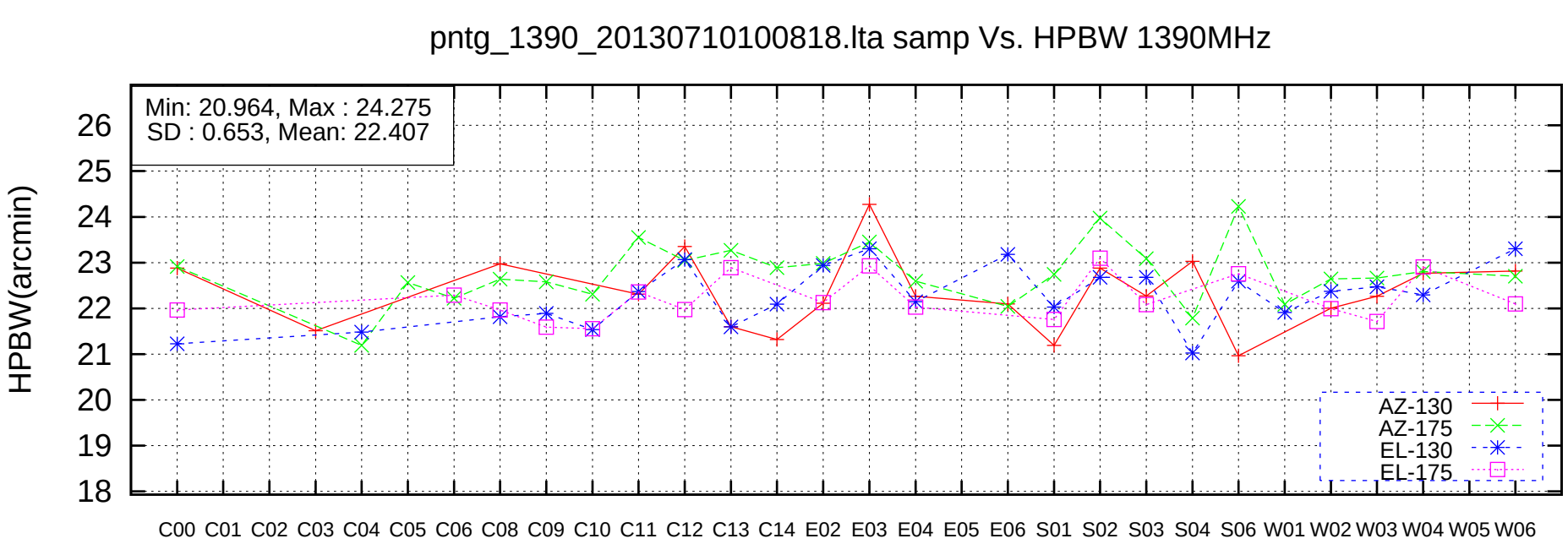
22
21
20
19
18
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06
AZ-130
AZ-175
EL-130
EL-175


pntg_1390_20130710100818.lta samp Vs. HPBW 1390MHz
Min: 20.964, Max : 24.275
SD : 0.653, Mean: 22.407
HPBW(arcmin)
26
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19
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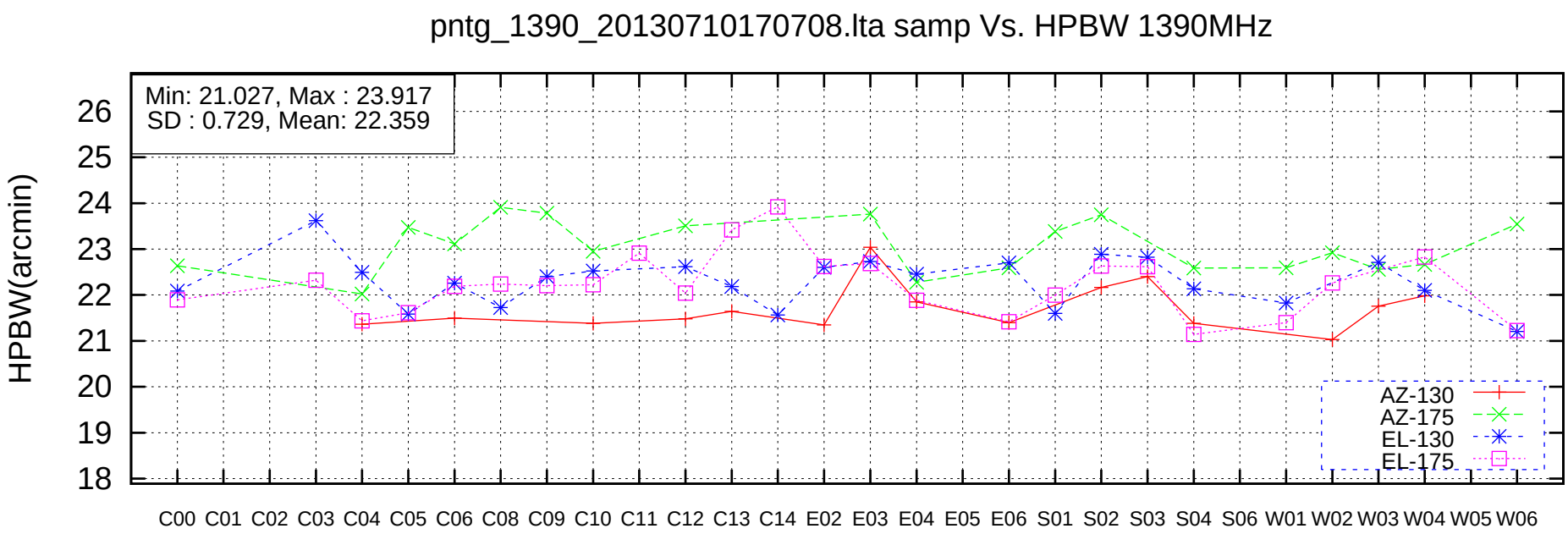
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06
AZ-130
AZ-175
EL-130
EL-175


pntg_1390_20130710170708.lta samp Vs. HPBW 1390MHz
Min: 21.027, Max : 23.917
SD : 0.729, Mean: 22.359
HPBW(arcmin)
26
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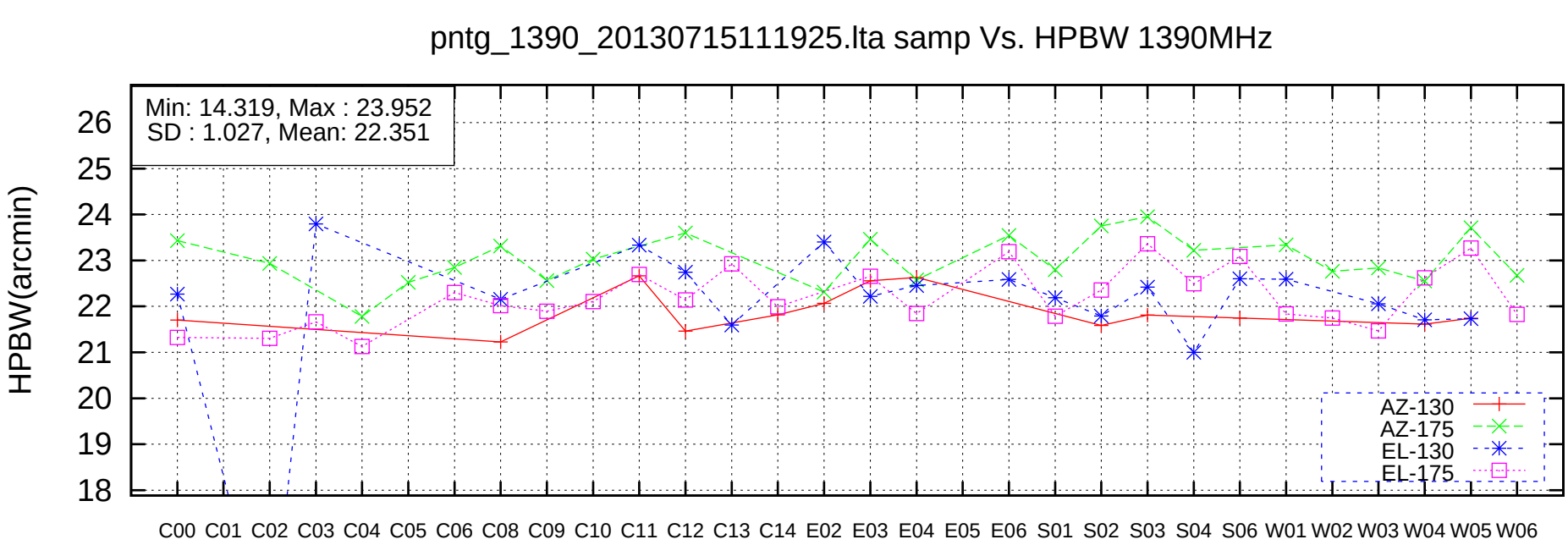
22
21
20
19
18
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130715111925.lta samp Vs. HPBW 1390MHz
Min: 14.319, Max : 23.952
SD : 1.027, Mean: 22.351
HPBW(arcmin)
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21
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19
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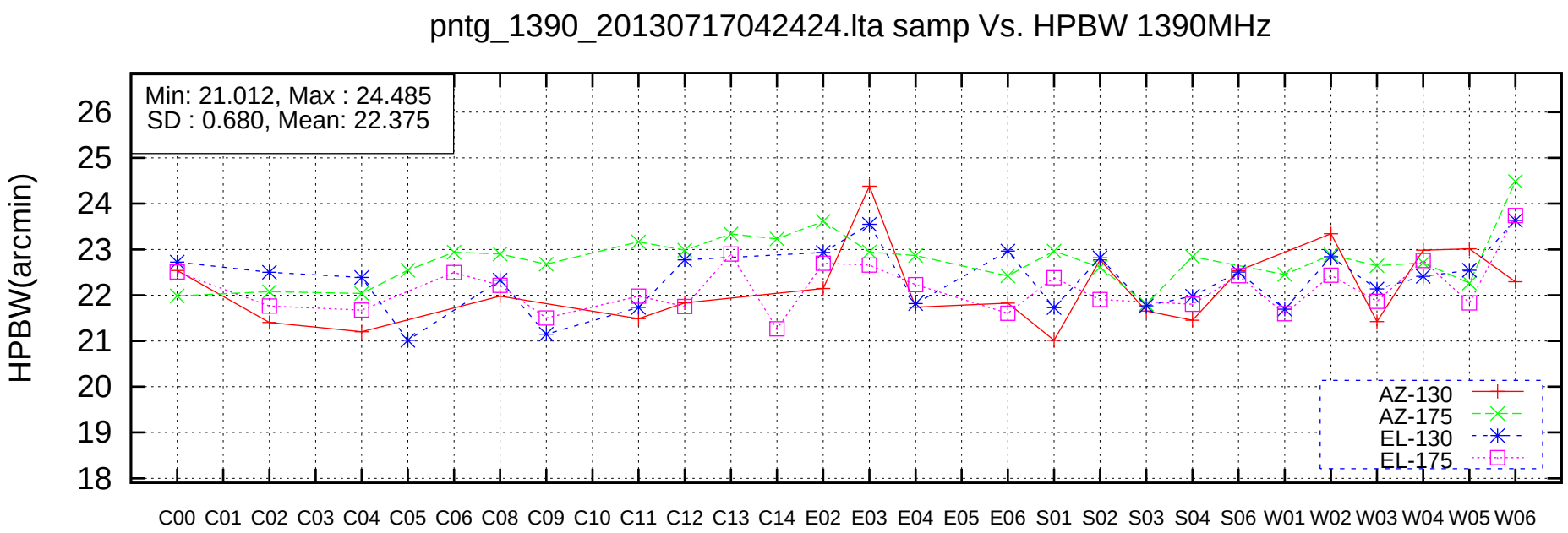
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130717042424.lta samp Vs. HPBW 1390MHz
Min: 21.012, Max : 24.485
SD : 0.680, Mean: 22.375
HPBW(arcmin)
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19
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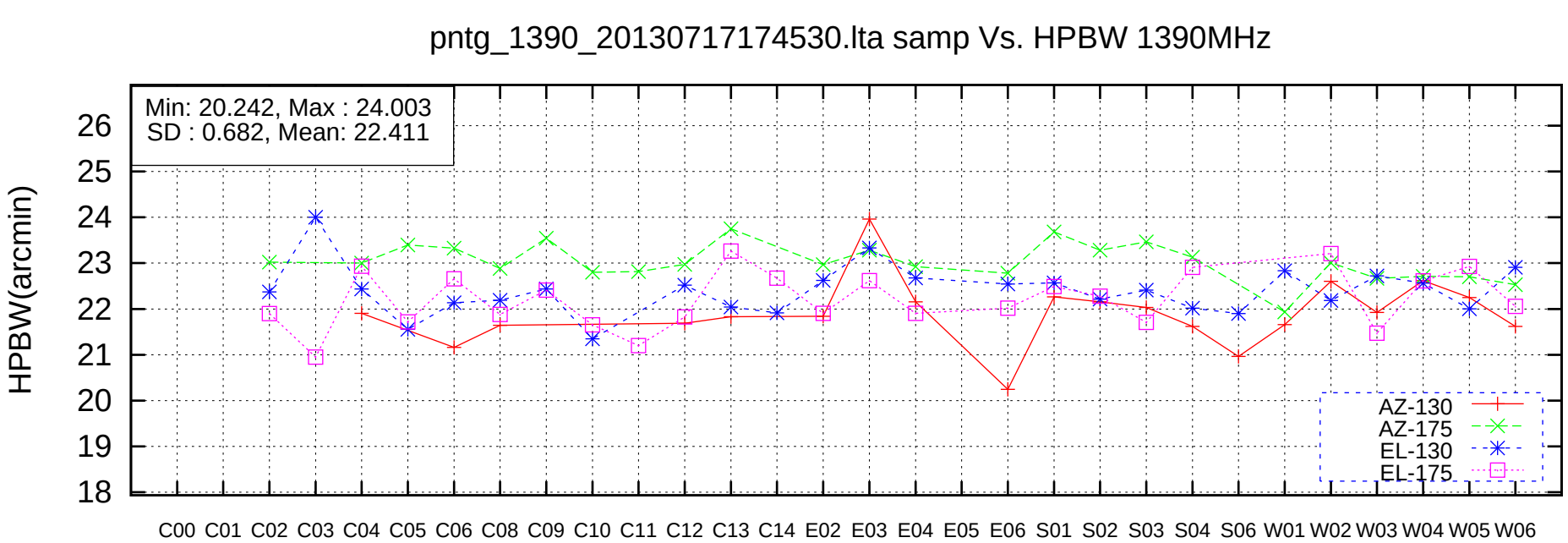
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06
AZ-130
AZ-175
EL-130
EL-175


pntg_1390_20130717174530.lta samp Vs. HPBW 1390MHz
Min: 20.242, Max : 24.003
SD : 0.682, Mean: 22.411
HPBW(arcmin)
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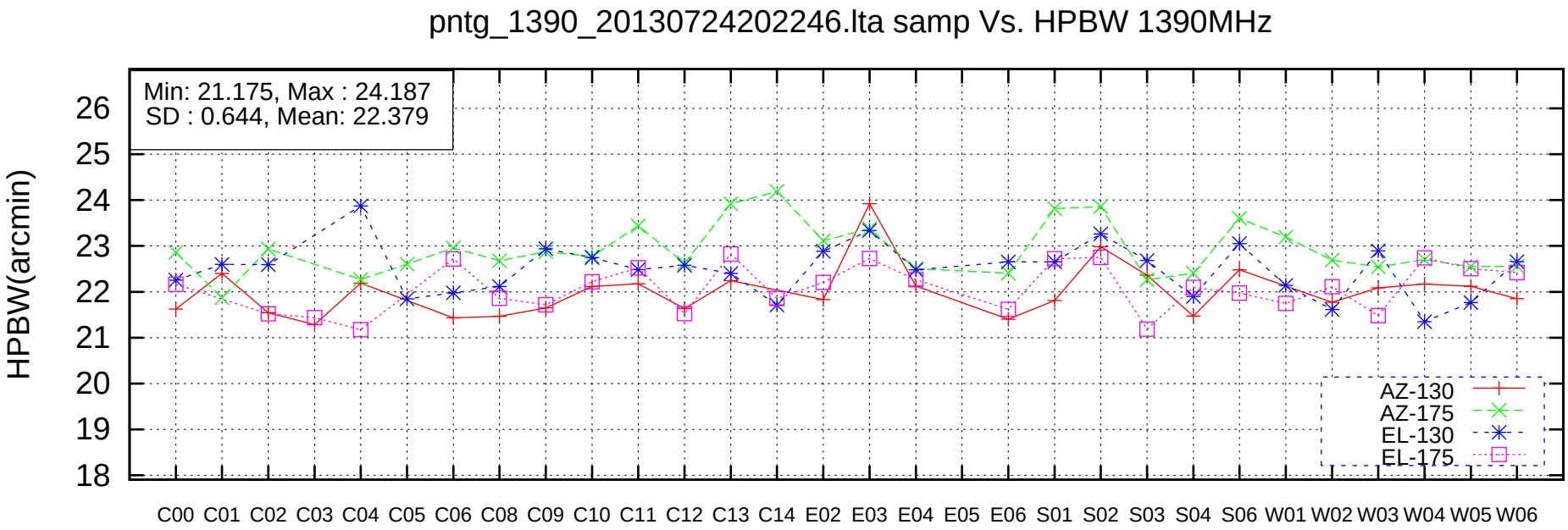
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06
AZ-130
AZ-175
EL-130
EL-175


pntg_1390_20130724202246.lta samp Vs. HPBW 1390MHz
Min: 21.175, Max : 24.187
SD : 0.644, Mean: 22.379
HPBW(arcmin)
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19
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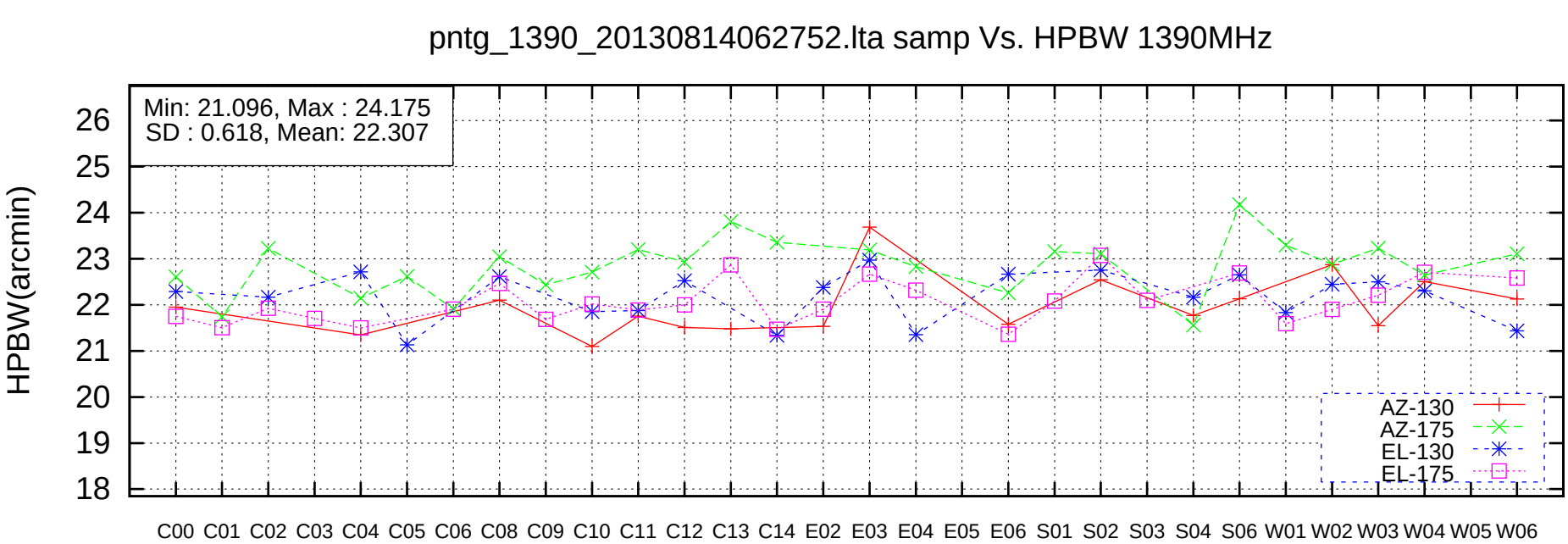
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130814062752.lta samp Vs. HPBW 1390MHz
Min: 21.096, Max : 24.175
SD : 0.618, Mean: 22.307
HPBW(arcmin)
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22
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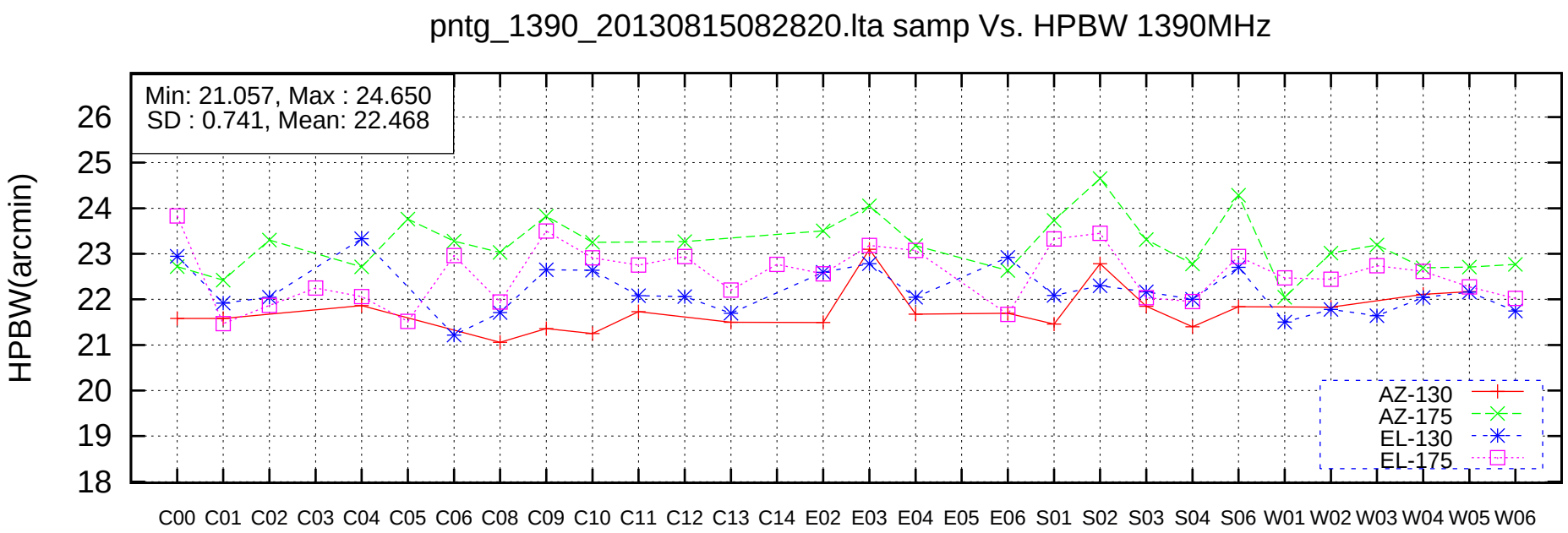
19
18
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130815082820.lta samp Vs. HPBW 1390MHz
Min: 21.057, Max : 24.650
SD : 0.741, Mean: 22.468
HPBW(arcmin)
26
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19
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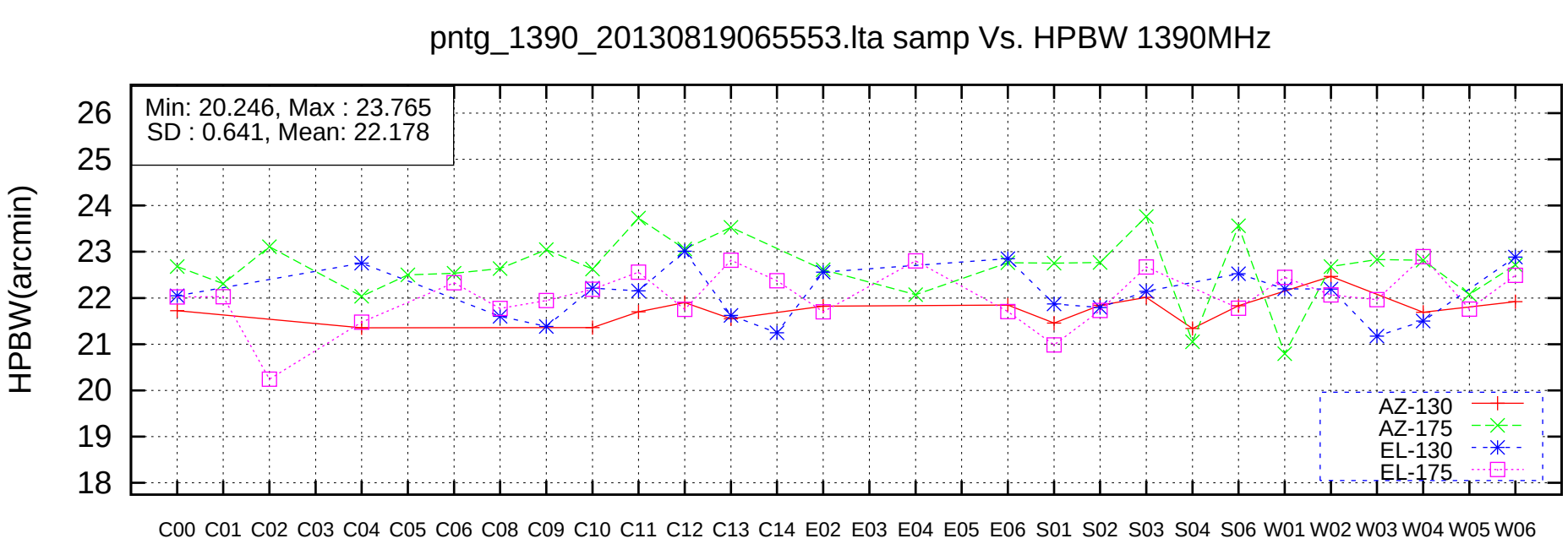
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06
AZ-130
AZ-175
EL-130
EL-175


pntg_1390_20130819065553.lta samp Vs. HPBW 1390MHz
Min: 20.246, Max : 23.765
SD : 0.641, Mean: 22.178
HPBW(arcmin)
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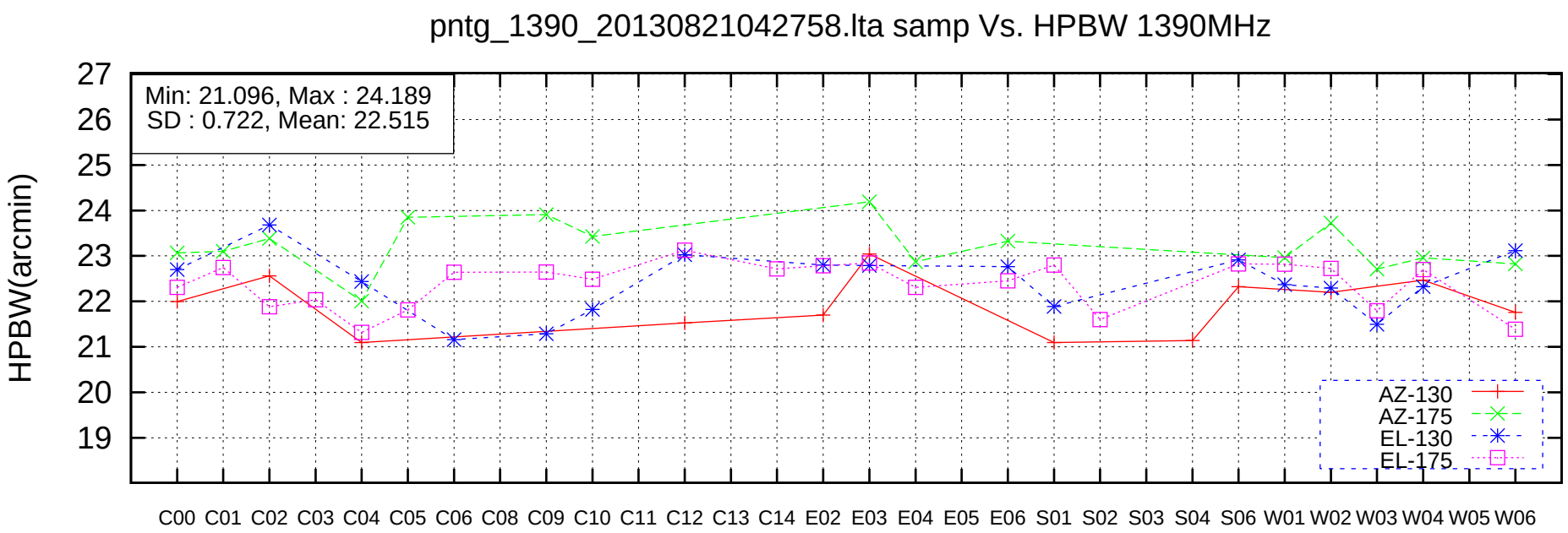
19
18
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06
AZ-130
AZ-175
EL-130
EL-175


pntg_1390_20130821042758.lta samp Vs. HPBW 1390MHz
Min: 21.096, Max : 24.189
SD : 0.722, Mean: 22.515
HPBW(arcmin)
27
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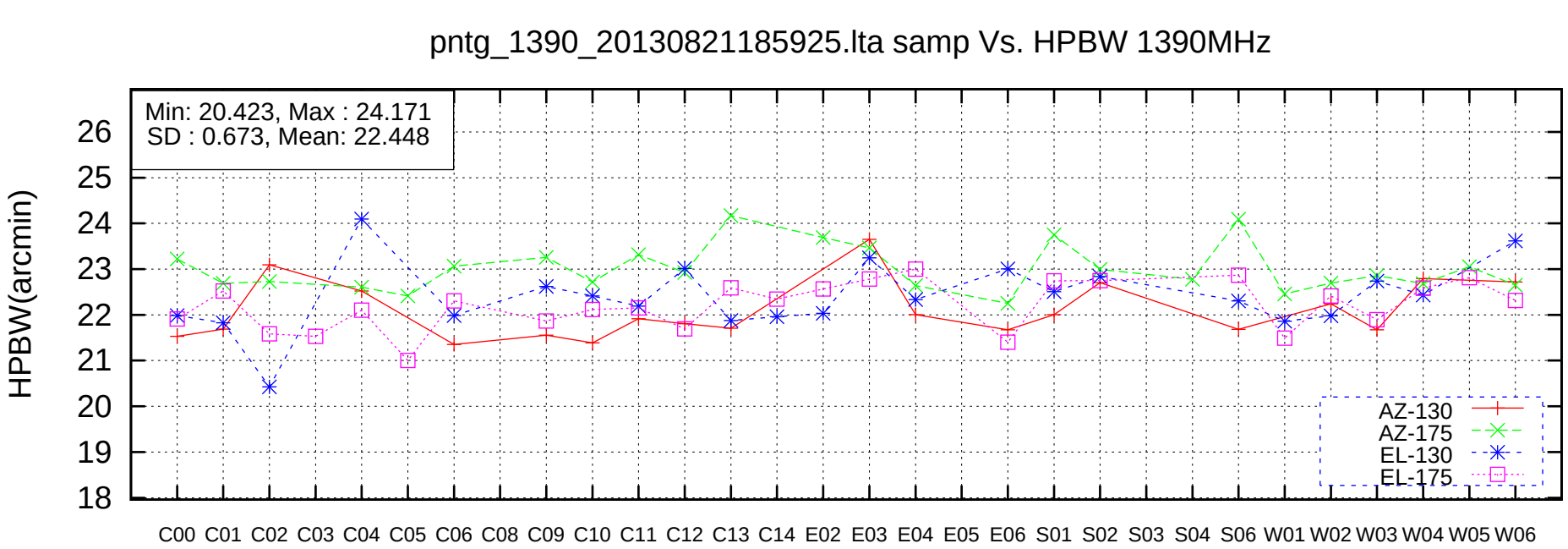
24
23
22
21
20
19
AZ-130
AZ-175
EL-130
EL-175
C00 C01 C02 C03 C04 C05 C06 C08 C09 C10 C11 C12 C13 C14 E02 E03 E04 E05 E06 S01 S02 S03 S04 S06 W01 W02 W03 W04 W05 W06


pntg_1390_20130821185925.lta samp Vs. HPBW 1390MHz
Min: 20.423, Max : 24.171
SD : 0.673, Mean: 22.448
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