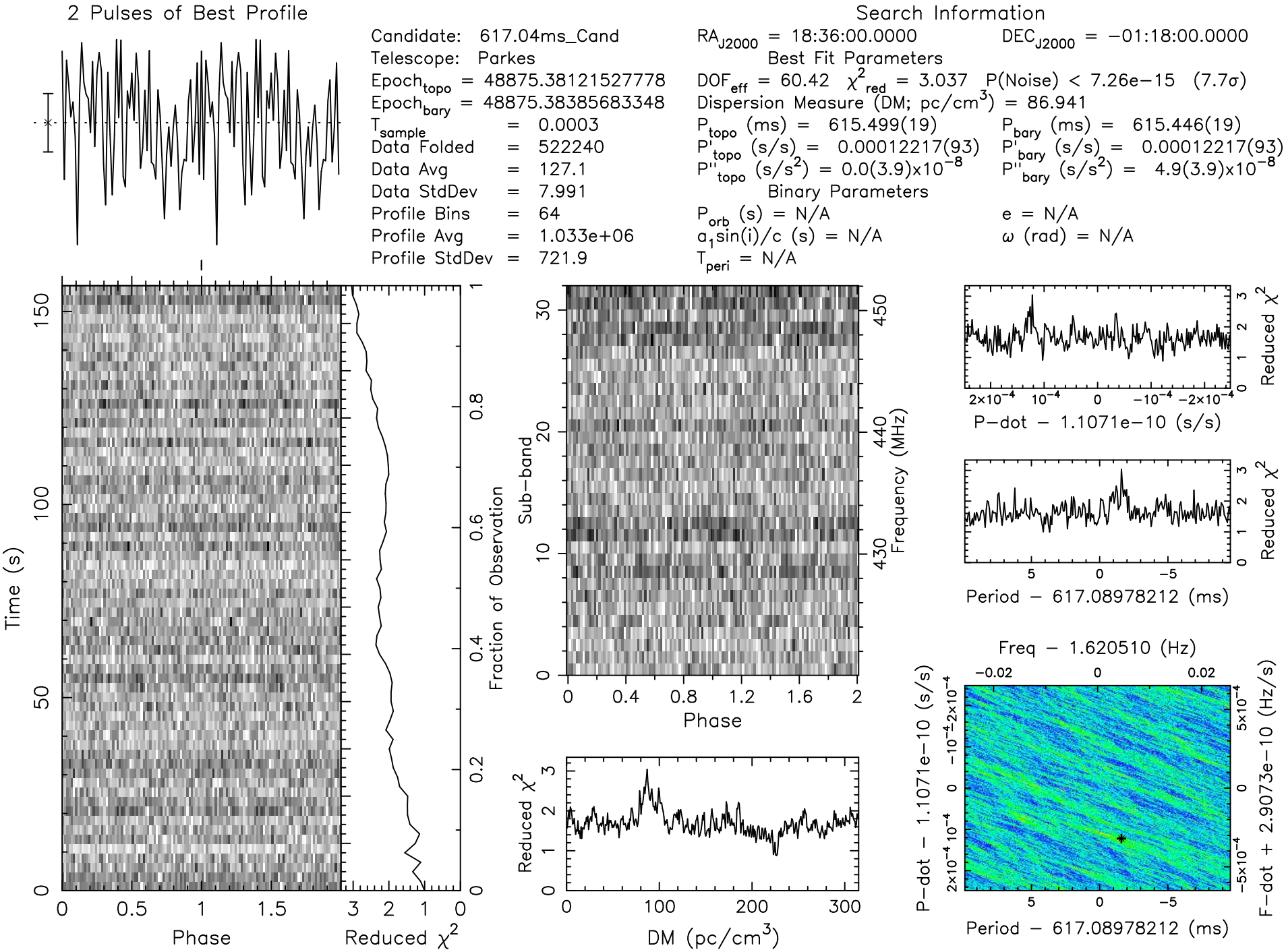
2 Pulses of Best Profile
Search Information
Candidate: 617.04ms_Cand
Telescope: Parkes
Epoch$_{topo}$ = 48875.38121527778
Epoch$_{bary}$ = 48875.38385683348
T_{sample} = 0.0003
Data Folded = 522240
Data Avg = 127.1
Data StdDev = 7.991
Profile Bins = 64
Profile Avg = 1.033e+06
Profile StdDev = 721.9
RA$_{J2000}$ = 18:36:00.0000
DEC$_{J2000}$ = −01:18:00.0000
Best Fit Parameters
DOF$_{eff}$ = 60.42 χ^2_{red} = 3.037 P(Noise) < 7.26e−15 (7.7σ)
Dispersion Measure (DM; pc/cm^3) = 86.941
P_{topo} (ms) = 615.499(19)
P_{bary} (ms) = 615.446(19)
P'_{topo} (s/s) = 0.00012217(93)
P'_{bary} (s/s) = 0.00012217(93)
P''_{topo} (s/s^2) = 0.0(3.9)x10^{-8}
P''_{bary} (s/s^2) = 4.9(3.9)x10^{-8}
Binary Parameters
P_{orb} (s) = N/A
e = N/A
$a_1$sin(i)/c (s) = N/A
ω (rad) = N/A
T_{peri} = N/A
Time (s)
Phase
Reduced χ^2
Fraction of Observation
Sub−band
Frequency (MHz)
DM (pc/cm^3)
P−dot − 1.1071e−10 (s/s)
Period − 617.08978212 (ms)
Freq − 1.620510 (Hz)
F−dot + 2.9073e−10 (Hz/s)
S21305_44.fil
pulsar 6−Feb−2024 19:41