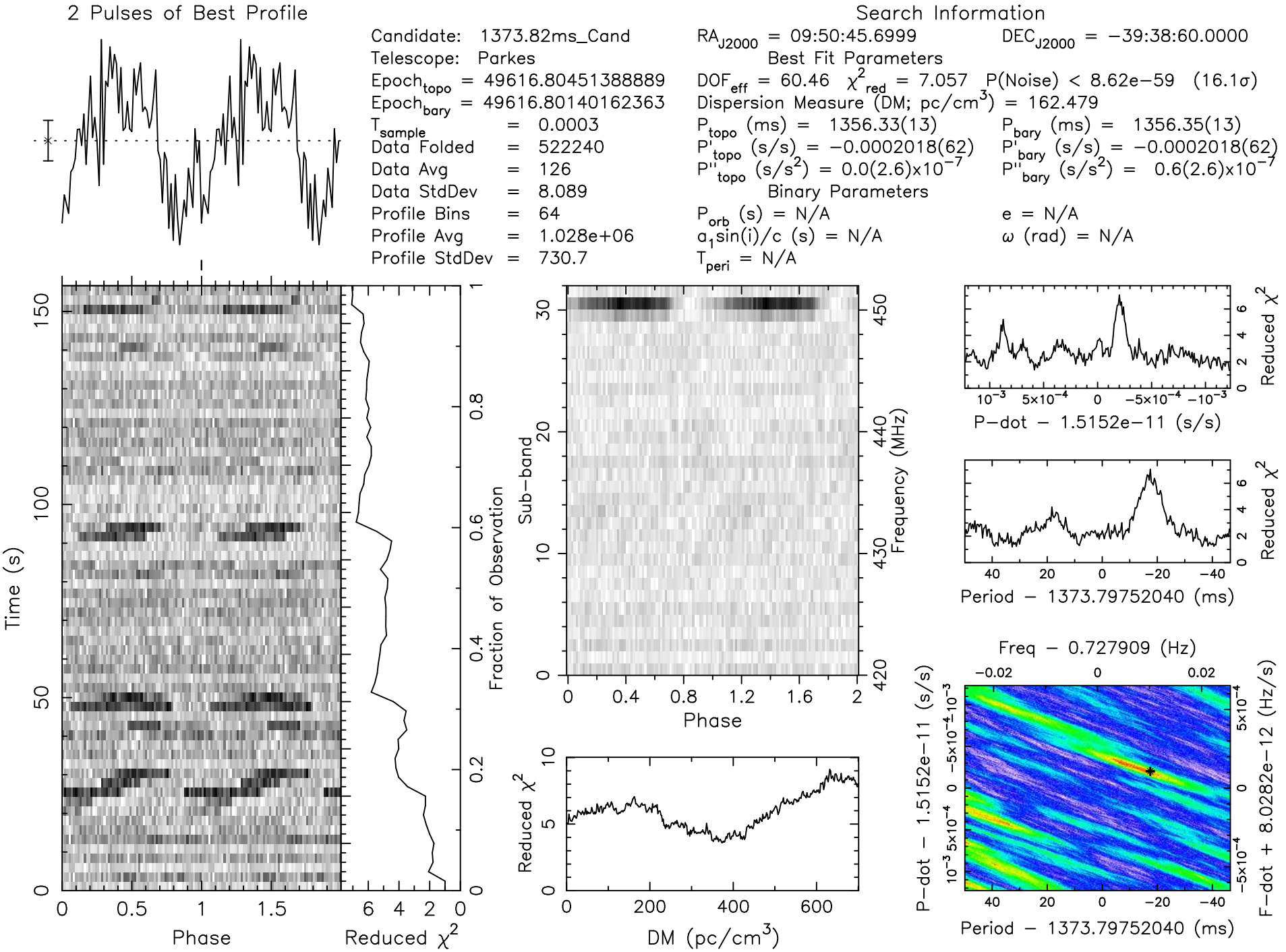
2 Pulses of Best Profile
Search Information
Candidate: 1373.82ms_Cand
Telescope: Parkes
Epoch_topo = 49616.80451388889
Epoch_bary = 49616.80140162363
T_sample = 0.0003
Data Folded = 522240
Data Avg = 126
Data StdDev = 8.089
Profile Bins = 64
Profile Avg = 1.028e+06
Profile StdDev = 730.7
RA_J2000 = 09:50:45.6999
DEC_J2000 = −39:38:60.0000
Best Fit Parameters
DOF_eff = 60.46 χ²_red = 7.057 P(Noise) < 8.62e−59 (16.1σ)
Dispersion Measure (DM; pc/cm³) = 162.479
P_topo (ms) = 1356.33(13)
P_bary (ms) = 1356.35(13)
P'_topo (s/s) = −0.0002018(62)
P'_bary (s/s) = −0.0002018(62)
P''_topo (s/s²) = 0.0(2.6)x10⁻⁷
P''_bary (s/s²) = 0.6(2.6)x10⁻⁷
Binary Parameters
P_orb (s) = N/A
e = N/A
a₁sin(i)/c (s) = N/A
ω (rad) = N/A
T_peri = N/A
Time (s)
Phase
Reduced χ²
Fraction of Observation
Sub-band
Frequency (MHz)
DM (pc/cm³)
P-dot − 1.5152e−11 (s/s)
Period − 1373.79752040 (ms)
Freq − 0.727909 (Hz)
F-dot + 8.0282e−12 (Hz/s)
S60602_17.fil
pulsar 6−Feb−2024 19:39