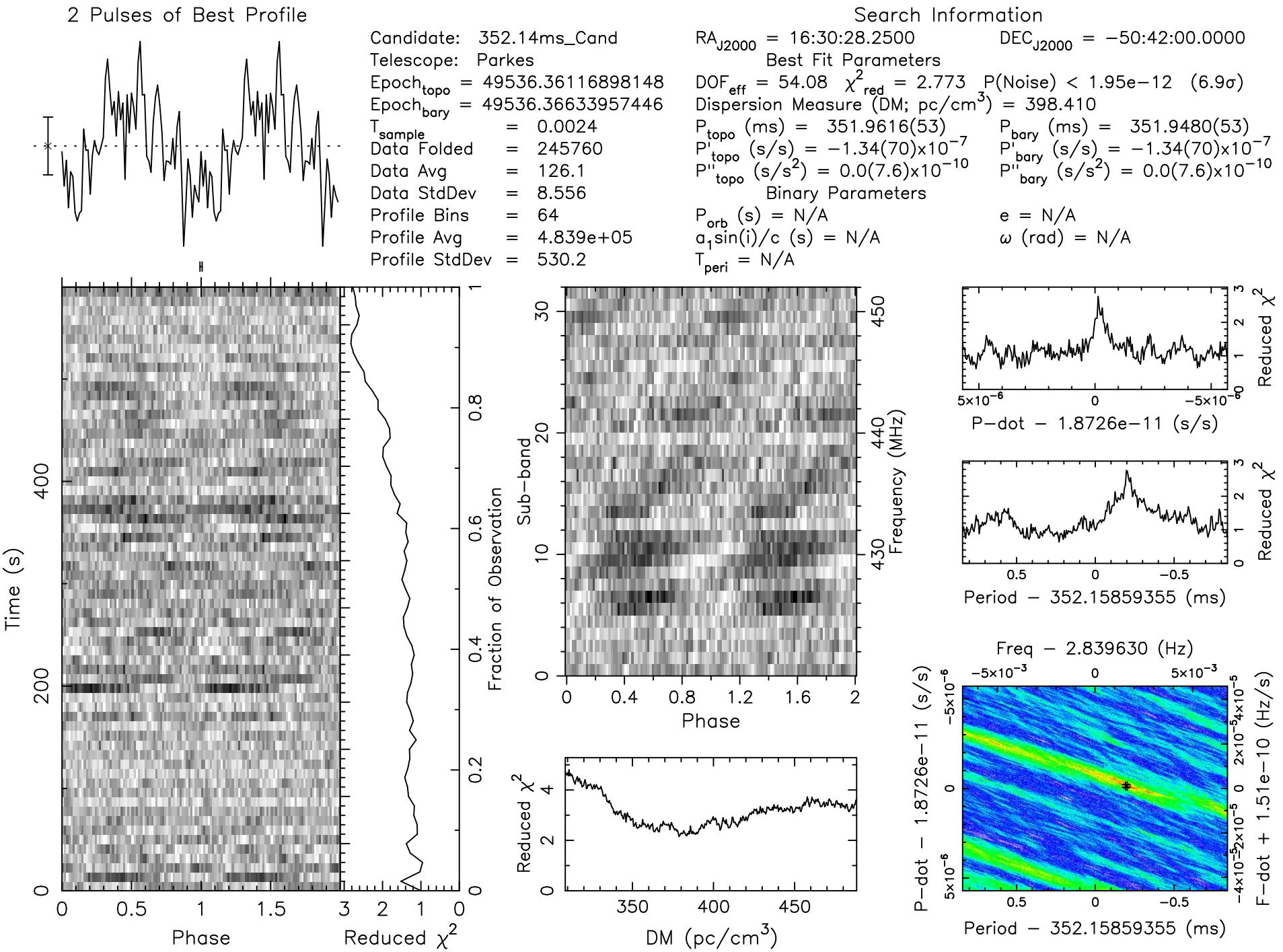
2 Pulses of Best Profile
Search Information
Candidate: 352.14ms_Cand
Telescope: Parkes
Epoch_topo = 49536.36116898148
Epoch_bary = 49536.36633957446
T_sample = 0.0024
Data Folded = 245760
Data Avg = 126.1
Data StdDev = 8.556
Profile Bins = 64
Profile Avg = 4.839e+05
Profile StdDev = 530.2
RA_J2000 = 16:30:28.2500
DEC_J2000 = −50:42:00.0000
Best Fit Parameters
DOF_eff = 54.08 χ²_red = 2.773 P(Noise) < 1.95e−12 (6.9σ)
Dispersion Measure (DM; pc/cm³) = 398.410
P_topo (ms) = 351.9616(53)
P_bary (ms) = 351.9480(53)
P'_topo (s/s) = −1.34(70)x10⁻⁷
P'_bary (s/s) = −1.34(70)x10⁻⁷
P''_topo (s/s²) = 0.0(7.6)x10⁻¹⁰
P''_bary (s/s²) = 0.0(7.6)x10⁻¹⁰
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 − 1.8726e−11 (s/s)
Period − 352.15859355 (ms)
Freq − 2.839630 (Hz)
P-dot − 1.8726e−11 (s/s)
F-dot + 1.51e−10 (Hz/s)
S57008_1.fil
pulsar 6−Feb−2024 19:35