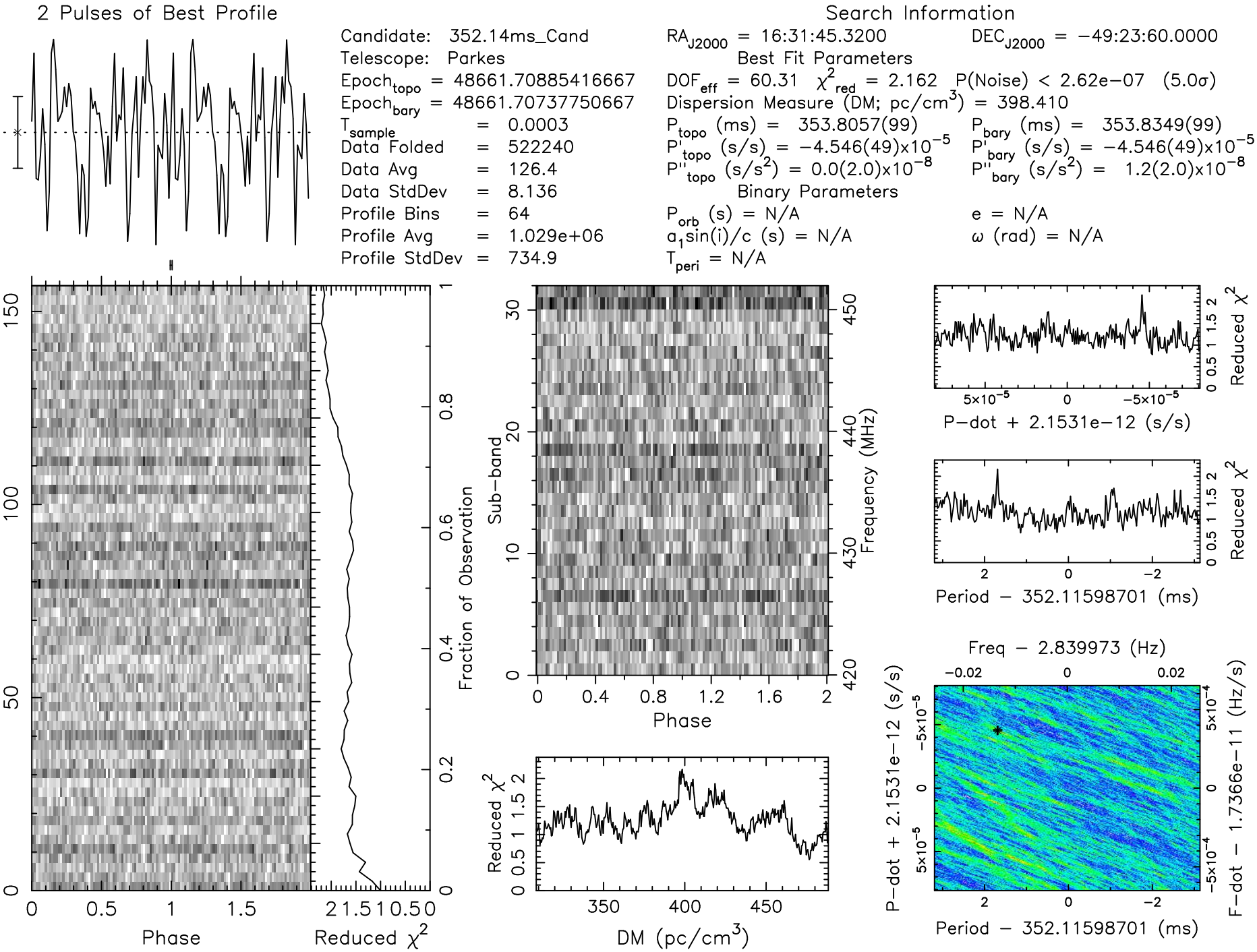
2 Pulses of Best Profile
Search Information
Candidate: 352.14ms_Cand
Telescope: Parkes
Epoch_topo = 48661.70885416667
Epoch_bary = 48661.70737750667
T_sample = 0.0003
Data Folded = 522240
Data Avg = 126.4
Data StdDev = 8.136
Profile Bins = 64
Profile Avg = 1.029e+06
Profile StdDev = 734.9
RA_J2000 = 16:31:45.3200
DEC_J2000 = −49:23:60.0000
Best Fit Parameters
DOF_eff = 60.31 χ²_red = 2.162 P(Noise) < 2.62e−07 (5.0σ)
Dispersion Measure (DM; pc/cm³) = 398.410
P_topo (ms) = 353.8057(99)
P_bary (ms) = 353.8349(99)
P'_topo (s/s) = −4.546(49)x10⁻⁵
P'_bary (s/s) = −4.546(49)x10⁻⁵
P''_topo (s/s²) = 0.0(2.0)x10⁻⁸
P''_bary (s/s²) = 1.2(2.0)x10⁻⁸
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 + 2.1531e−12 (s/s)
Period − 352.11598701 (ms)
Freq − 2.839973 (Hz)
P−dot + 2.1531e−12 (s/s)
F−dot − 1.7366e−11 (Hz/s)
S12504_3.fil
pulsar 6−Feb−2024 19:35