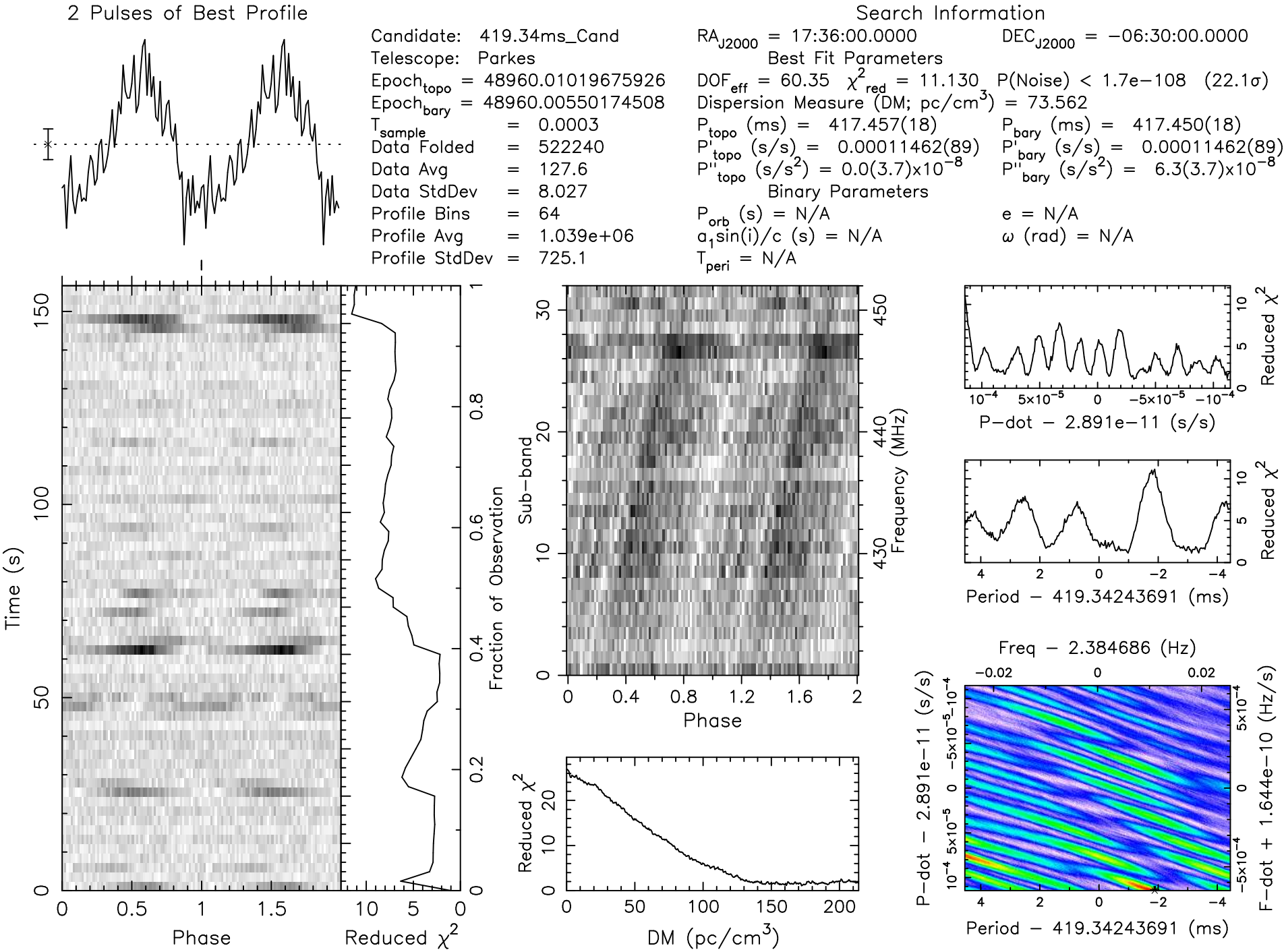
2 Pulses of Best Profile
Search Information
Candidate: 419.34ms_Cand
Telescope: Parkes
Epoch_topo = 48960.01019675926
Epoch_bary = 48960.00550174508
T_sample = 0.0003
Data Folded = 522240
Data Avg = 127.6
Data StdDev = 8.027
Profile Bins = 64
Profile Avg = 1.039e+06
Profile StdDev = 725.1
RA_J2000 = 17:36:00.0000
DEC_J2000 = −06:30:00.0000
Best Fit Parameters
DOF_eff = 60.35 χ²_red = 11.130 P(Noise) < 1.7e−108 (22.1σ)
Dispersion Measure (DM; pc/cm³) = 73.562
P_topo (ms) = 417.457(18)
P_bary (ms) = 417.450(18)
P'_topo (s/s) = 0.00011462(89)
P'_bary (s/s) = 0.00011462(89)
P''_topo (s/s²) = 0.0(3.7)x10⁻⁸
P''_bary (s/s²) = 6.3(3.7)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 − 2.891e−11 (s/s)
Period − 419.34243691 (ms)
Freq − 2.384686 (Hz)
P−dot − 2.891e−11 (s/s)
F−dot + 1.644e−10 (Hz/s)
S30412_13.fil
pulsar 6−Feb−2024 19:41