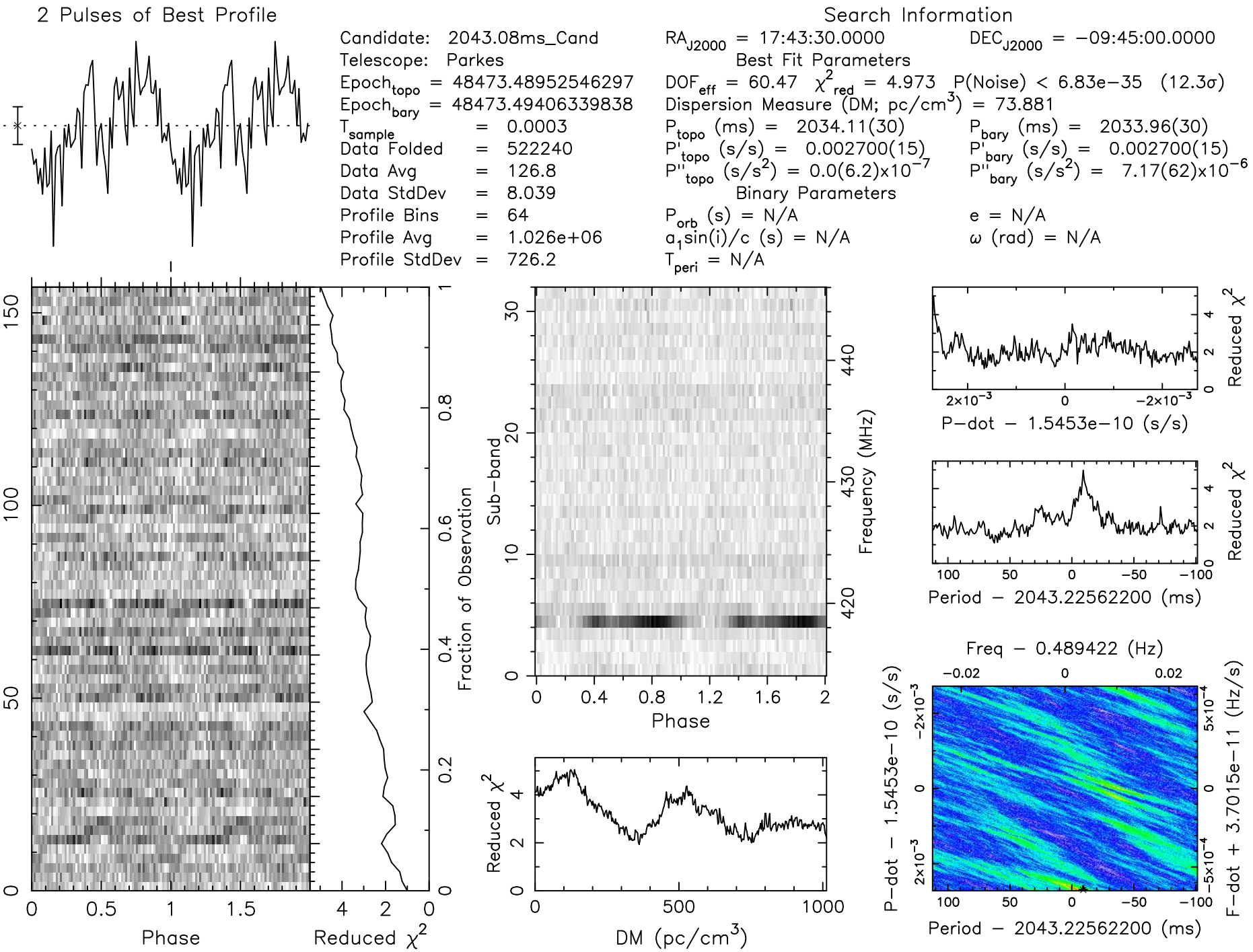
2 Pulses of Best Profile
Search Information
Candidate: 2043.08ms_Cand
Telescope: Parkes
Epoch_topo = 48473.48952546297
Epoch_bary = 48473.49406339838
T_sample = 0.0003
Data Folded = 522240
Data Avg = 126.8
Data StdDev = 8.039
Profile Bins = 64
Profile Avg = 1.026e+06
Profile StdDev = 726.2
RA_J2000 = 17:43:30.0000
DEC_J2000 = −09:45:00.0000
Best Fit Parameters
DOF_eff = 60.47 χ²_red = 4.973 P(Noise) < 6.83e−35 (12.3σ)
Dispersion Measure (DM; pc/cm³) = 73.881
P_topo (ms) = 2034.11(30)
P_bary (ms) = 2033.96(30)
P'_topo (s/s) = 0.002700(15)
P'_bary (s/s) = 0.002700(15)
P''_topo (s/s²) = 0.0(6.2)x10⁻⁷
P''_bary (s/s²) = 7.17(62)x10⁻⁶
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 − 1.5453e−10 (s/s)
Period − 2043.22562200 (ms)
Freq − 0.489422 (Hz)
P−dot − 1.5453e−10 (s/s)
F−dot + 3.7015e−11 (Hz/s)
S04212_15.fil
pulsar 6−Feb−2024 19:38