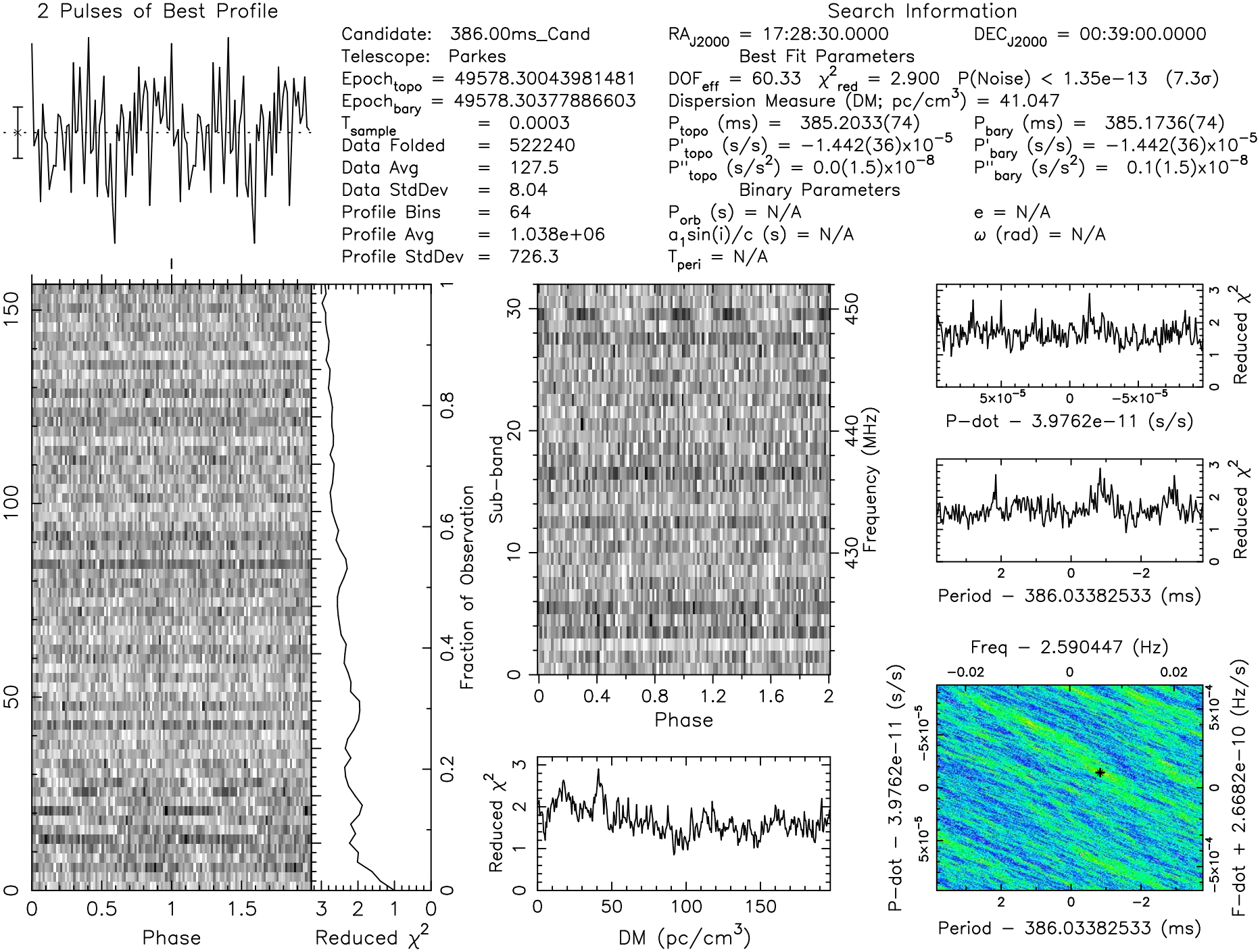
2 Pulses of Best Profile
Search Information
Candidate: 386.00ms_Cand
Telescope: Parkes
Epoch$_{topo}$ = 49578.30043981481
Epoch$_{bary}$ = 49578.30377886603
T_{sample} = 0.0003
Data Folded = 522240
Data Avg = 127.5
Data StdDev = 8.04
Profile Bins = 64
Profile Avg = 1.038e+06
Profile StdDev = 726.3
RA$_{J2000}$ = 17:28:30.0000
DEC$_{J2000}$ = 00:39:00.0000
Best Fit Parameters
DOF$_{eff}$ = 60.33 χ^2_{red} = 2.900 P(Noise) < 1.35e−13 (7.3σ)
Dispersion Measure (DM; pc/cm^3) = 41.047
P_{topo} (ms) = 385.2033(74)
P'_{topo} (s/s) = −1.442(36)x10^{-5}
P''_{topo} (s/s^2) = 0.0(1.5)x10^{-8}
P_{bary} (ms) = 385.1736(74)
P'_{bary} (s/s) = −1.442(36)x10^{-5}
P''_{bary} (s/s^2) = 0.1(1.5)x10^{-8}
Binary Parameters
P_{orb} (s) = N/A
$a_1$sin(i)/c (s) = N/A
T_{peri} = N/A
e = N/A
ω (rad) = N/A
Time (s)
Phase
Reduced χ^2
Fraction of Observation
Sub−band
Frequency (MHz)
DM (pc/cm^3)
P−dot − 3.9762e−11 (s/s)
Period − 386.03382533 (ms)
Freq − 2.590447 (Hz)
F−dot + 2.6682e−10 (Hz/s)
S59403_8.fil
pulsar 6−Feb−2024 19:38