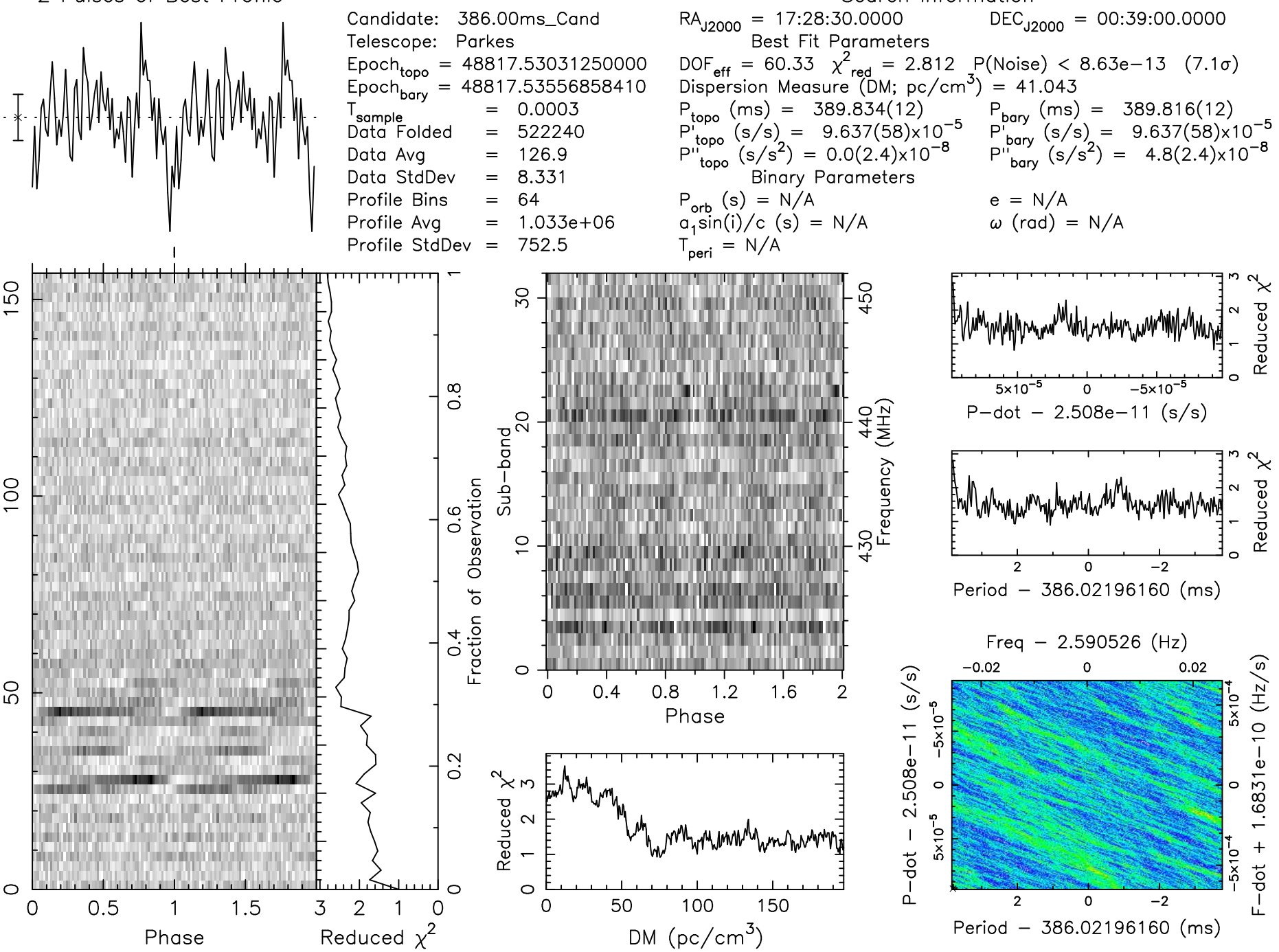
2 Pulses of Best Profile
Search Information
Candidate: 386.00ms_Cand
Telescope: Parkes
Epoch$_{topo}$ = 48817.53031250000
Epoch$_{bary}$ = 48817.53556858410
T_{sample} = 0.0003
Data Folded = 522240
Data Avg = 126.9
Data StdDev = 8.331
Profile Bins = 64
Profile Avg = 1.033e+06
Profile StdDev = 752.5
RA$_{J2000}$ = 17:28:30.0000
DEC$_{J2000}$ = 00:39:00.0000
Best Fit Parameters
DOF$_{eff}$ = 60.33 χ^2_{red} = 2.812 P(Noise) < 8.63e−13 (7.1σ)
Dispersion Measure (DM; pc/cm^3) = 41.043
P_{topo} (ms) = 389.834(12)
P_{bary} (ms) = 389.816(12)
P'_{topo} (s/s) = 9.637(58)x10^{-5}
P'_{bary} (s/s) = 9.637(58)x10^{-5}
P''_{topo} (s/s^2) = 0.0(2.4)x10^{-8}
P''_{bary} (s/s^2) = 4.8(2.4)x10^{-8}
Binary Parameters
P_{orb} (s) = N/A
e = N/A
$a_1$sin(i)/c (s) = N/A
ω (rad) = N/A
T_{peri} = N/A
Time (s)
Phase
Reduced χ^2
Fraction of Observation
Sub−band
Frequency (MHz)
DM (pc/cm^3)
P−dot − 2.508e−11 (s/s)
Period − 386.02196160 (ms)
Freq − 2.590526 (Hz)
F−dot + 1.6831e−10 (Hz/s)
S19105_10.fil
pulsar 6−Feb−2024 19:37