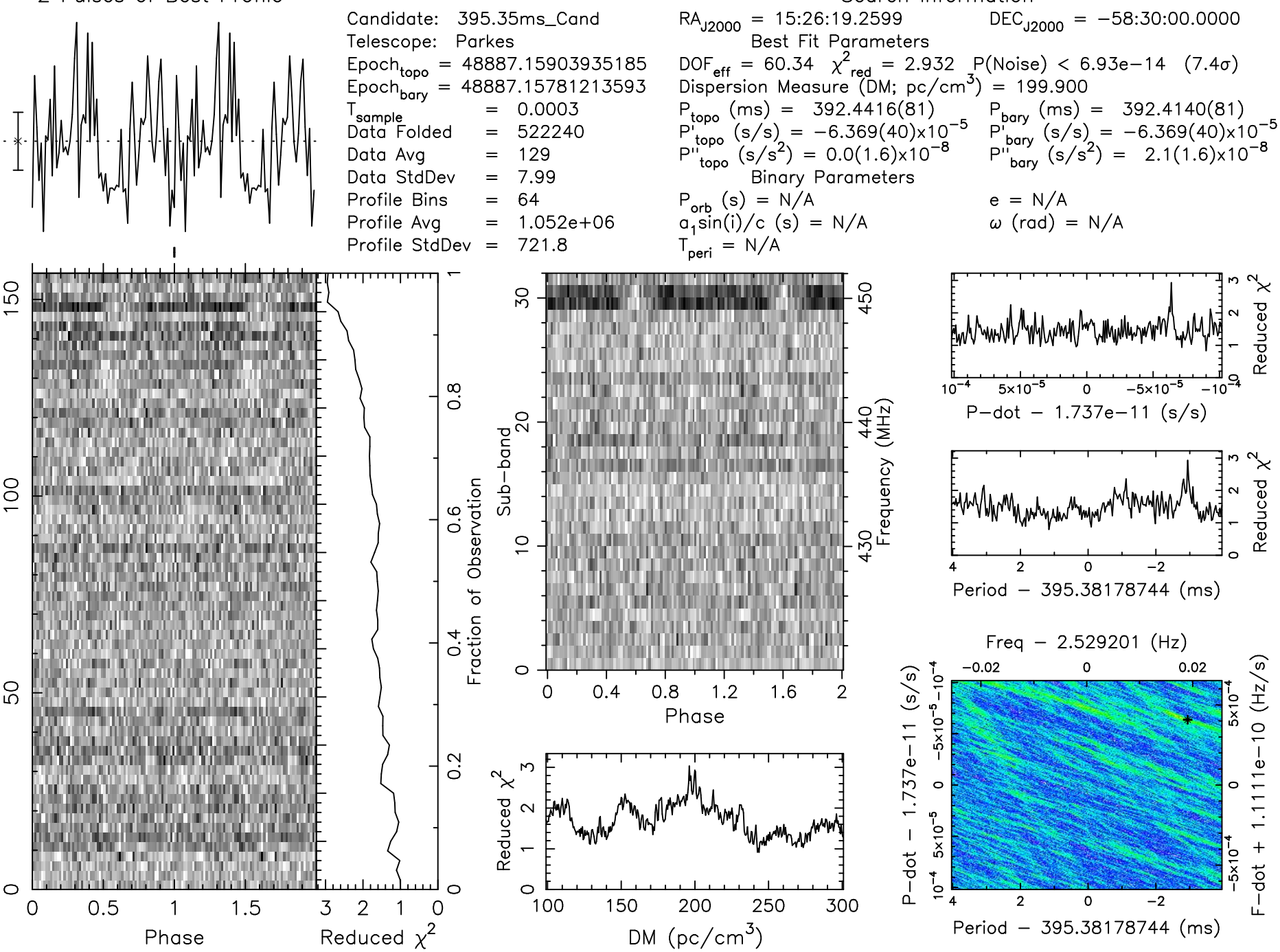
2 Pulses of Best Profile
Search Information
Candidate: 395.35ms_Cand
Telescope: Parkes
Epoch$_{topo}$ = 48887.15903935185
Epoch$_{bary}$ = 48887.15781213593
T_{sample} = 0.0003
Data Folded = 522240
Data Avg = 129
Data StdDev = 7.99
Profile Bins = 64
Profile Avg = 1.052e+06
Profile StdDev = 721.8
RA$_{J2000}$ = 15:26:19.2599
DEC$_{J2000}$ = −58:30:00.0000
Best Fit Parameters
DOF$_{eff}$ = 60.34 χ^2_{red} = 2.932 P(Noise) < 6.93e−14 (7.4σ)
Dispersion Measure (DM; pc/cm^3) = 199.900
P_{topo} (ms) = 392.4416(81)
P_{bary} (ms) = 392.4140(81)
P'_{topo} (s/s) = −6.369(40)x10^{-5}
P'_{bary} (s/s) = −6.369(40)x10^{-5}
P''_{topo} (s/s^2) = 0.0(1.6)x10^{-8}
P''_{bary} (s/s^2) = 2.1(1.6)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 − 1.737e−11 (s/s)
Period − 395.38178744 (ms)
Freq − 2.529201 (Hz)
F−dot + 1.1111e−10 (Hz/s)
S25801_42.fil
pulsar 6−Feb−2024 19:34