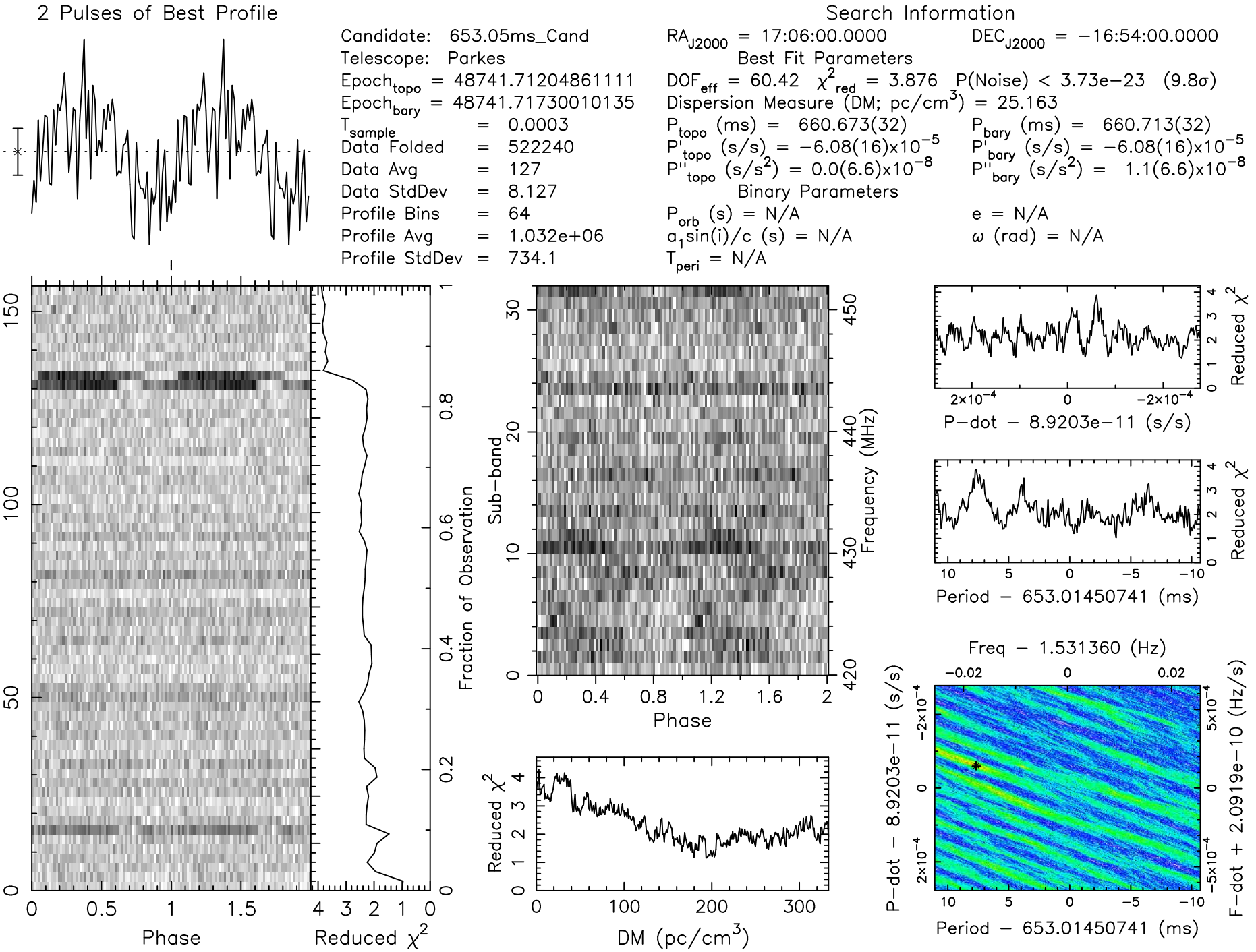
2 Pulses of Best Profile
Search Information
Candidate: 653.05ms_Cand
Telescope: Parkes
Epoch$_{topo}$ = 48741.71204861111
Epoch$_{bary}$ = 48741.71730010135
T_{sample} = 0.0003
Data Folded = 522240
Data Avg = 127
Data StdDev = 8.127
Profile Bins = 64
Profile Avg = 1.032e+06
Profile StdDev = 734.1
RA_{J2000} = 17:06:00.0000
DEC_{J2000} = −16:54:00.0000
Best Fit Parameters
DOF_{eff} = 60.42 χ^2_{red} = 3.876 P(Noise) < 3.73e−23 (9.8σ)
Dispersion Measure (DM; pc/cm^3) = 25.163
P_{topo} (ms) = 660.673(32)
P'_{topo} (s/s) = −6.08(16)x10^{-5}
P''_{topo} (s/s^2) = 0.0(6.6)x10^{-8}
P_{bary} (ms) = 660.713(32)
P'_{bary} (s/s) = −6.08(16)x10^{-5}
P''_{bary} (s/s^2) = 1.1(6.6)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 − 8.9203e−11 (s/s)
Period − 653.01450741 (ms)
Freq − 1.531360 (Hz)
F-dot + 2.0919e−10 (Hz/s)
S17405_24.fil
pulsar 6−Feb−2024 19:35