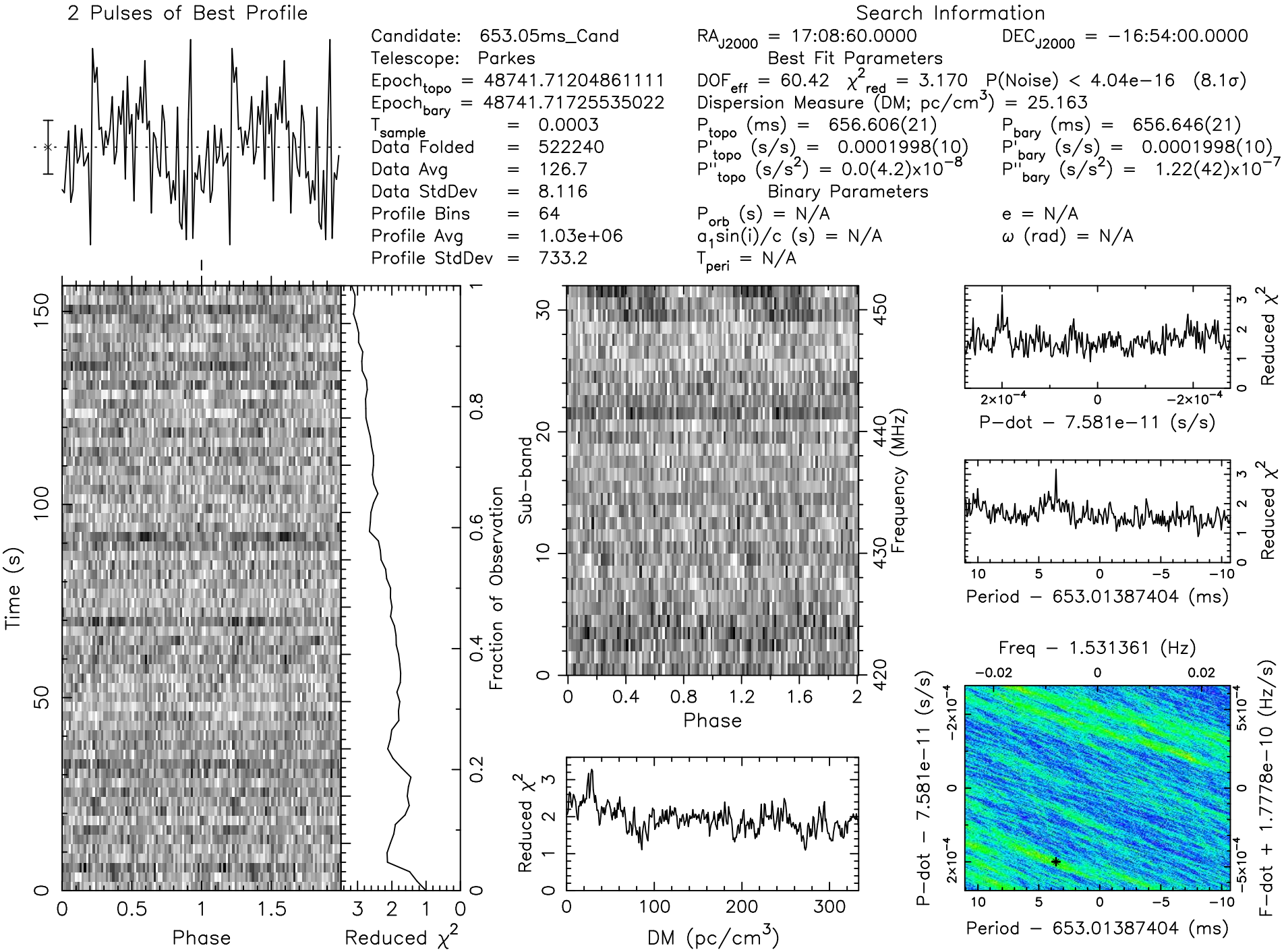
2 Pulses of Best Profile
Search Information
Candidate: 653.05ms_Cand
Telescope: Parkes
Epoch_topo = 48741.71204861111
Epoch_bary = 48741.71725535022
T_sample = 0.0003
Data Folded = 522240
Data Avg = 126.7
Data StdDev = 8.116
Profile Bins = 64
Profile Avg = 1.03e+06
Profile StdDev = 733.2
RA_J2000 = 17:08:60.0000
DEC_J2000 = −16:54:00.0000
Best Fit Parameters
DOF_eff = 60.42 χ²_red = 3.170 P(Noise) < 4.04e−16 (8.1σ)
Dispersion Measure (DM; pc/cm³) = 25.163
P_topo (ms) = 656.606(21)
P_bary (ms) = 656.646(21)
P'_topo (s/s) = 0.0001998(10)
P'_bary (s/s) = 0.0001998(10)
P''_topo (s/s²) = 0.0(4.2)x10⁻⁸
P''_bary (s/s²) = 1.22(42)x10⁻⁷
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 − 7.581e−11 (s/s)
Period − 653.01387404 (ms)
Freq − 1.531361 (Hz)
F-dot + 1.7778e−10 (Hz/s)
S17405_25.fil
pulsar 6−Feb−2024 19:35