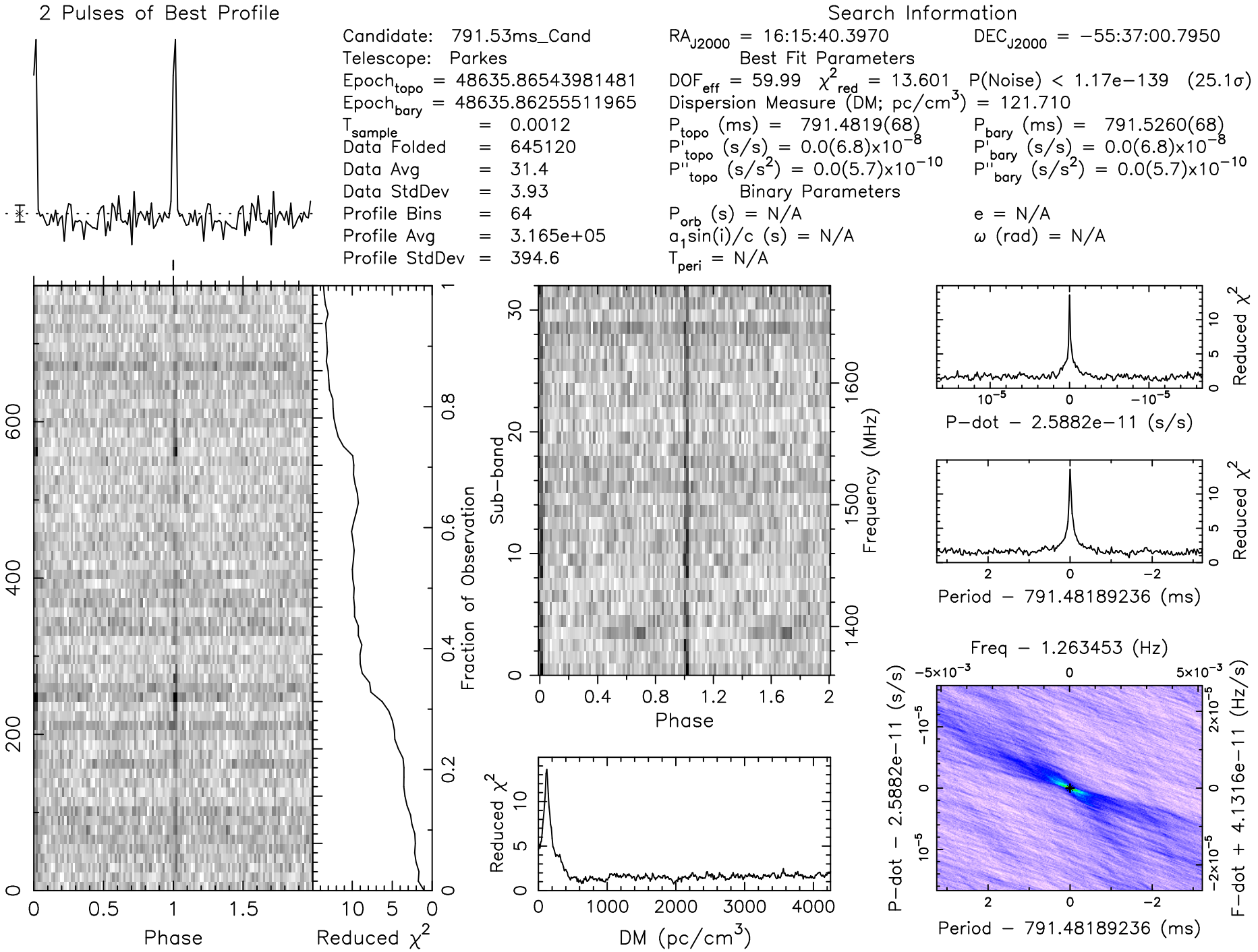
2 Pulses of Best Profile
Search Information
Candidate: 791.53ms_Cand
Telescope: Parkes
Epoch_topo = 48635.86543981481
Epoch_bary = 48635.86255511965
T_sample = 0.0012
Data Folded = 645120
Data Avg = 31.4
Data StdDev = 3.93
Profile Bins = 64
Profile Avg = 3.165e+05
Profile StdDev = 394.6
RA_J2000 = 16:15:40.3970
DEC_J2000 = −55:37:00.7950
Best Fit Parameters
DOF_eff = 59.99 χ²_red = 13.601 P(Noise) < 1.17e−139 (25.1σ)
Dispersion Measure (DM; pc/cm³) = 121.710
P_topo (ms) = 791.4819(68)
P_bary (ms) = 791.5260(68)
P'_topo (s/s) = 0.0(6.8)x10⁻⁸
P'_bary (s/s) = 0.0(6.8)x10⁻⁸
P''_topo (s/s²) = 0.0(5.7)x10⁻¹⁰
P''_bary (s/s²) = 0.0(5.7)x10⁻¹⁰
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 − 2.5882e−11 (s/s)
Period − 791.48189236 (ms)
Freq − 1.263453 (Hz)
F-dot + 4.1316e−11 (Hz/s)
S113139_1.fil
pulsar 6−Feb−2024 19:34