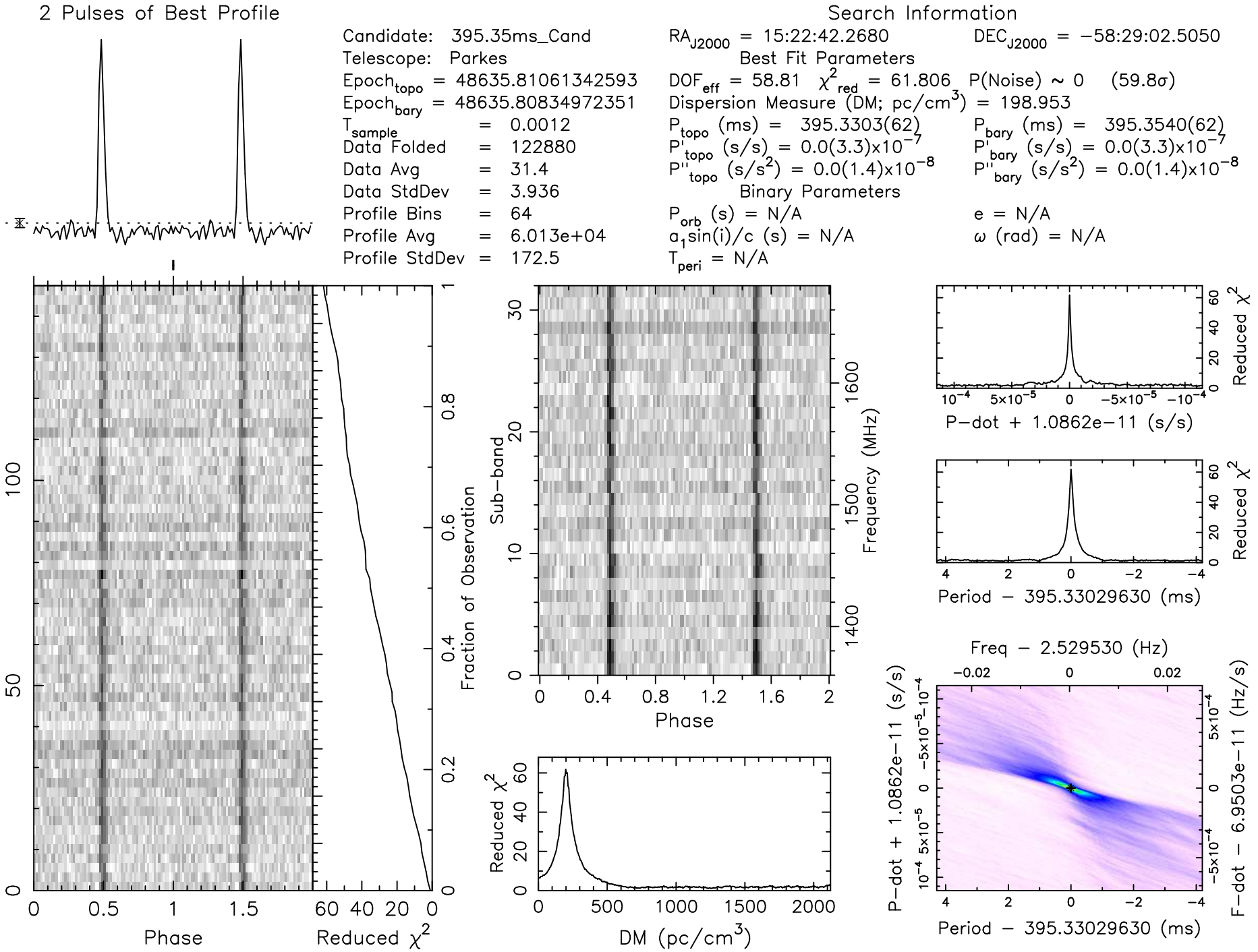
2 Pulses of Best Profile
Search Information
Candidate: 395.35ms_Cand
Telescope: Parkes
Epoch_topo = 48635.81061342593
Epoch_bary = 48635.80834972351
T_sample = 0.0012
Data Folded = 122880
Data Avg = 31.4
Data StdDev = 3.936
Profile Bins = 64
Profile Avg = 6.013e+04
Profile StdDev = 172.5
RA_J2000 = 15:22:42.2680
DEC_J2000 = −58:29:02.5050
Best Fit Parameters
DOF_eff = 58.81 χ²_red = 61.806 P(Noise) ~ 0 (59.8σ)
Dispersion Measure (DM; pc/cm³) = 198.953
P_topo (ms) = 395.3303(62)
P_bary (ms) = 395.3540(62)
P'_topo (s/s) = 0.0(3.3)x10⁻⁷
P'_bary (s/s) = 0.0(3.3)x10⁻⁷
P''_topo (s/s²) = 0.0(1.4)x10⁻⁸
P''_bary (s/s²) = 0.0(1.4)x10⁻⁸
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 + 1.0862e-11 (s/s)
Period − 395.33029630 (ms)
Freq − 2.529530 (Hz)
P-dot + 1.0862e-11 (s/s)
F-dot − 6.9503e-11 (Hz/s)
S113126_1.fil
pulsar 6-Feb-2024 19:33