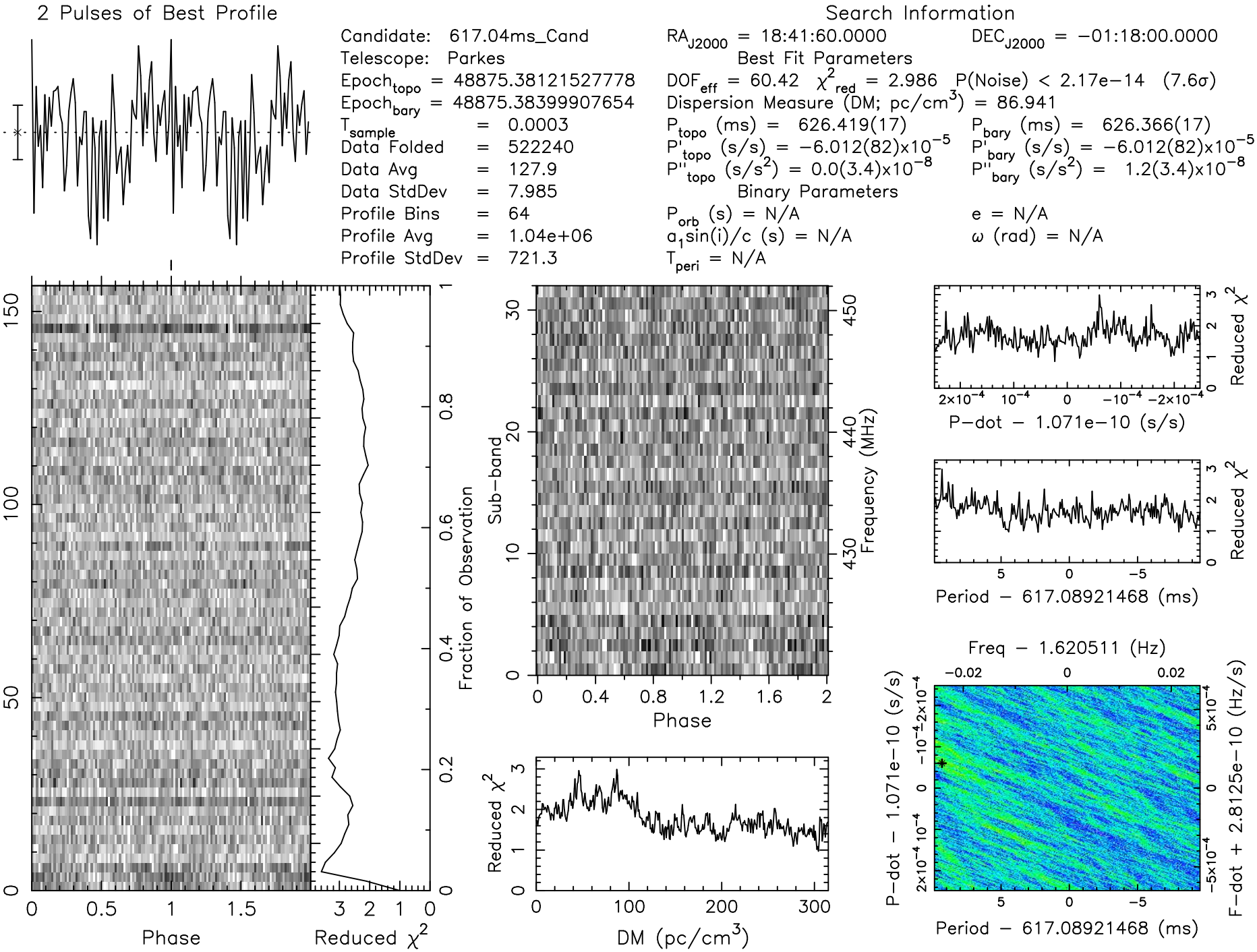
2 Pulses of Best Profile
Search Information
Candidate: 617.04ms_Cand
Telescope: Parkes
Epoch_topo = 48875.38121527778
Epoch_bary = 48875.38399907654
T_sample = 0.0003
Data Folded = 522240
Data Avg = 127.9
Data StdDev = 7.985
Profile Bins = 64
Profile Avg = 1.04e+06
Profile StdDev = 721.3
RA_J2000 = 18:41:60.0000
DEC_J2000 = −01:18:00.0000
Best Fit Parameters
DOF_eff = 60.42 χ²_red = 2.986 P(Noise) < 2.17e−14 (7.6σ)
Dispersion Measure (DM; pc/cm³) = 86.941
P_topo (ms) = 626.419(17)
P_bary (ms) = 626.366(17)
P'_topo (s/s) = −6.012(82)x10⁻⁵
P'_bary (s/s) = −6.012(82)x10⁻⁵
P''_topo (s/s²) = 0.0(3.4)x10⁻⁸
P''_bary (s/s²) = 1.2(3.4)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 − 1.071e−10 (s/s)
Period − 617.08921468 (ms)
Freq − 1.620511 (Hz)
F−dot + 2.8125e−10 (Hz/s)
S21305_46.fil
pulsar 6−Feb−2024 19:42