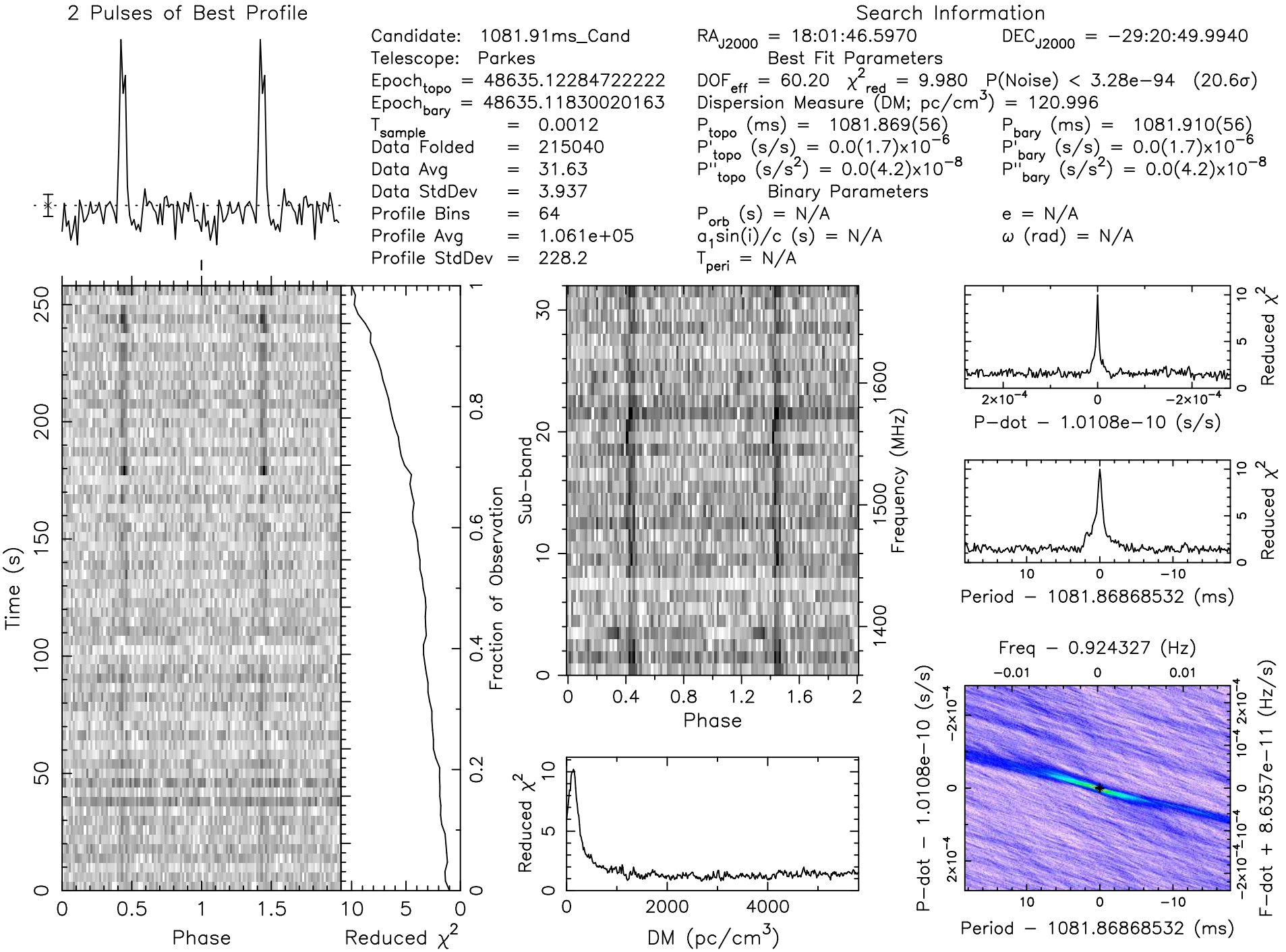
2 Pulses of Best Profile
Search Information
Candidate: 1081.91ms_Cand
Telescope: Parkes
Epoch_topo = 48635.12284722222
Epoch_bary = 48635.11830020163
T_sample = 0.0012
Data Folded = 215040
Data Avg = 31.63
Data StdDev = 3.937
Profile Bins = 64
Profile Avg = 1.061e+05
Profile StdDev = 228.2
RA_J2000 = 18:01:46.5970
DEC_J2000 = −29:20:49.9940
Best Fit Parameters
DOF_eff = 60.20 χ²_red = 9.980 P(Noise) < 3.28e−94 (20.6σ)
Dispersion Measure (DM; pc/cm³) = 120.996
P_topo (ms) = 1081.869(56)
P_bary (ms) = 1081.910(56)
P'_topo (s/s) = 0.0(1.7)x10⁻⁶
P'_bary (s/s) = 0.0(1.7)x10⁻⁶
P''_topo (s/s²) = 0.0(4.2)x10⁻⁸
P''_bary (s/s²) = 0.0(4.2)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 − 1.0108e−10 (s/s)
Period − 1081.86868532 (ms)
Freq − 0.924327 (Hz)
F−dot + 8.6357e−11 (Hz/s)
S11324_1.fil
pulsar 6−Feb−2024 19:38