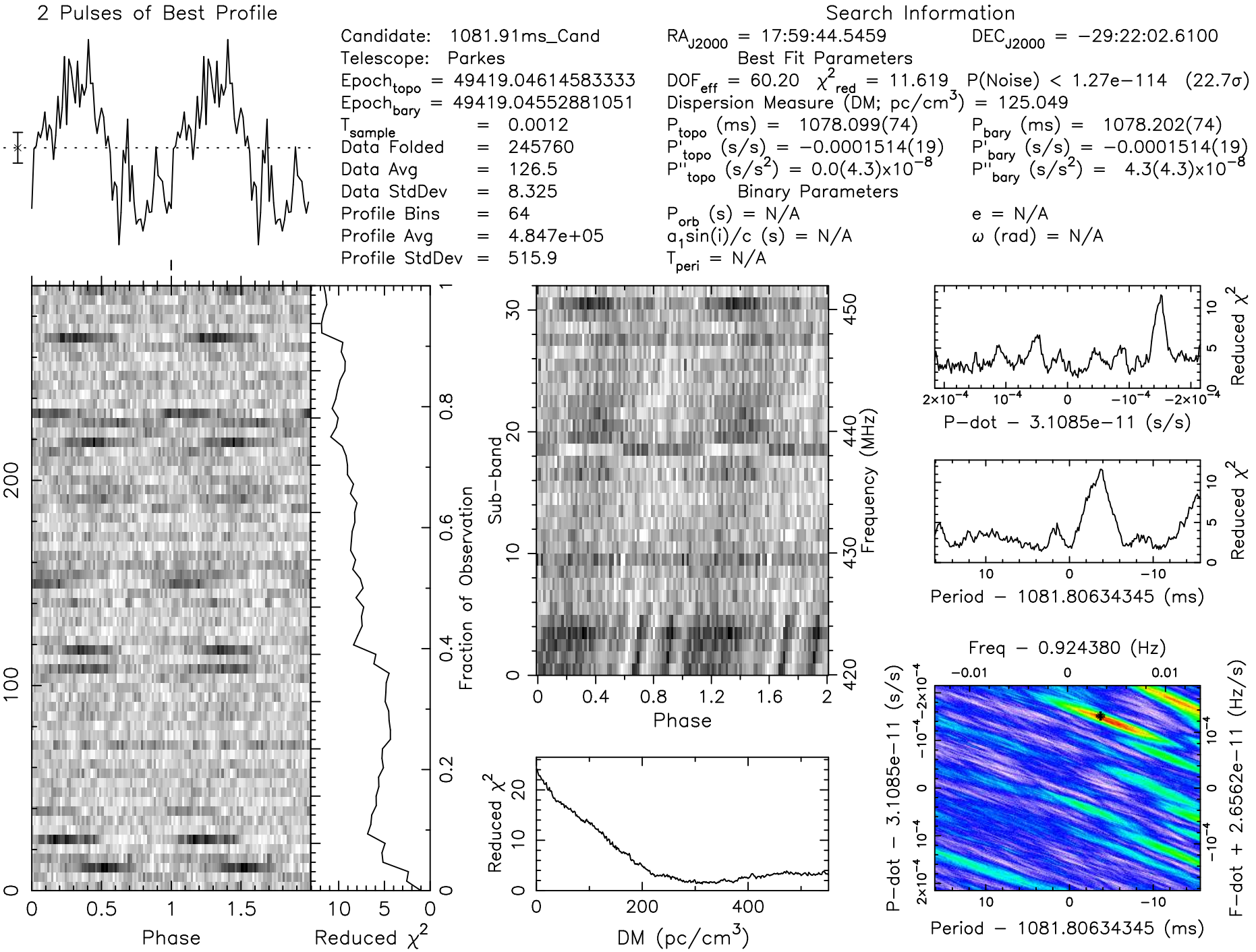
2 Pulses of Best Profile
Search Information
Candidate: 1081.91ms_Cand
Telescope: Parkes
Epoch_topo = 49419.04614583333
Epoch_bary = 49419.04552881051
T_sample = 0.0012
Data Folded = 245760
Data Avg = 126.5
Data StdDev = 8.325
Profile Bins = 64
Profile Avg = 4.847e+05
Profile StdDev = 515.9
RA_J2000 = 17:59:44.5459
DEC_J2000 = −29:22:02.6100
Best Fit Parameters
DOF_eff = 60.20 χ²_red = 11.619 P(Noise) < 1.27e−114 (22.7σ)
Dispersion Measure (DM; pc/cm³) = 125.049
P_topo (ms) = 1078.099(74)
P_bary (ms) = 1078.202(74)
P'_topo (s/s) = −0.0001514(19)
P'_bary (s/s) = −0.0001514(19)
P''_topo (s/s²) = 0.0(4.3)x10⁻⁸
P''_bary (s/s²) = 4.3(4.3)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 − 3.1085e−11 (s/s)
Period − 1081.80634345 (ms)
Freq − 0.924380 (Hz)
F-dot + 2.6562e−11 (Hz/s)
S52104_1.fil
pulsar 6−Feb−2024 19:39