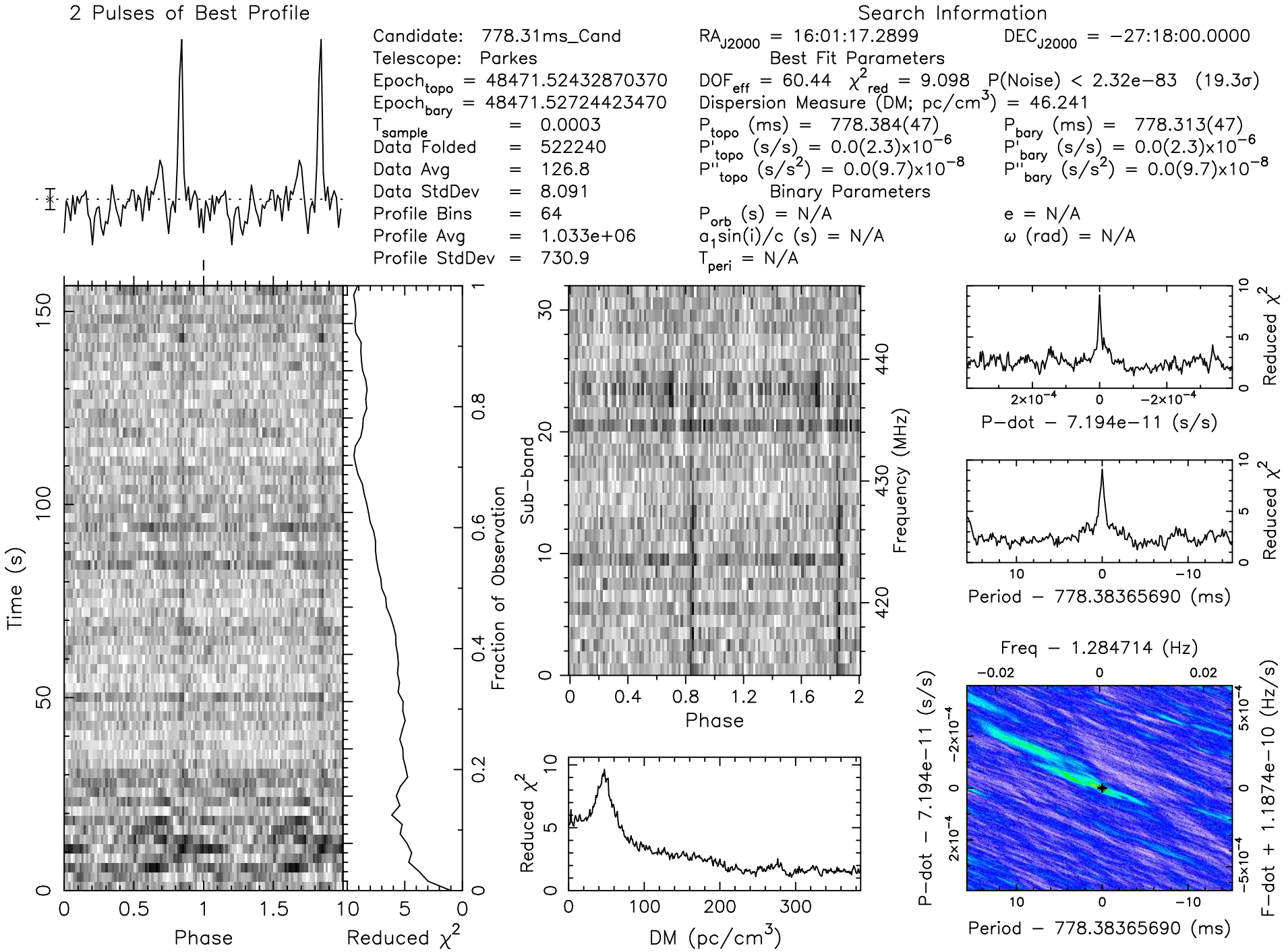
2 Pulses of Best Profile
Search Information
Candidate: 778.31ms_Cand
Telescope: Parkes
Epoch_topo = 48471.52432870370
Epoch_bary = 48471.52724423470
T_sample = 0.0003
Data Folded = 522240
Data Avg = 126.8
Data StdDev = 8.091
Profile Bins = 64
Profile Avg = 1.033e+06
Profile StdDev = 730.9
RA_J2000 = 16:01:17.2899
DEC_J2000 = −27:18:00.0000
Best Fit Parameters
DOF_eff = 60.44 χ²_red = 9.098 P(Noise) < 2.32e−83 (19.3σ)
Dispersion Measure (DM; pc/cm³) = 46.241
P_topo (ms) = 778.384(47)
P_bary (ms) = 778.313(47)
P'_topo (s/s) = 0.0(2.3)x10⁻⁶
P'_bary (s/s) = 0.0(2.3)x10⁻⁶
P''_topo (s/s²) = 0.0(9.7)x10⁻⁸
P''_bary (s/s²) = 0.0(9.7)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 − 7.194e−11 (s/s)
Period − 778.38365690 (ms)
Freq − 1.284714 (Hz)
F-dot + 1.1874e−10 (Hz/s)
S03511_16.fil
pulsar 6−Feb−2024 19:34