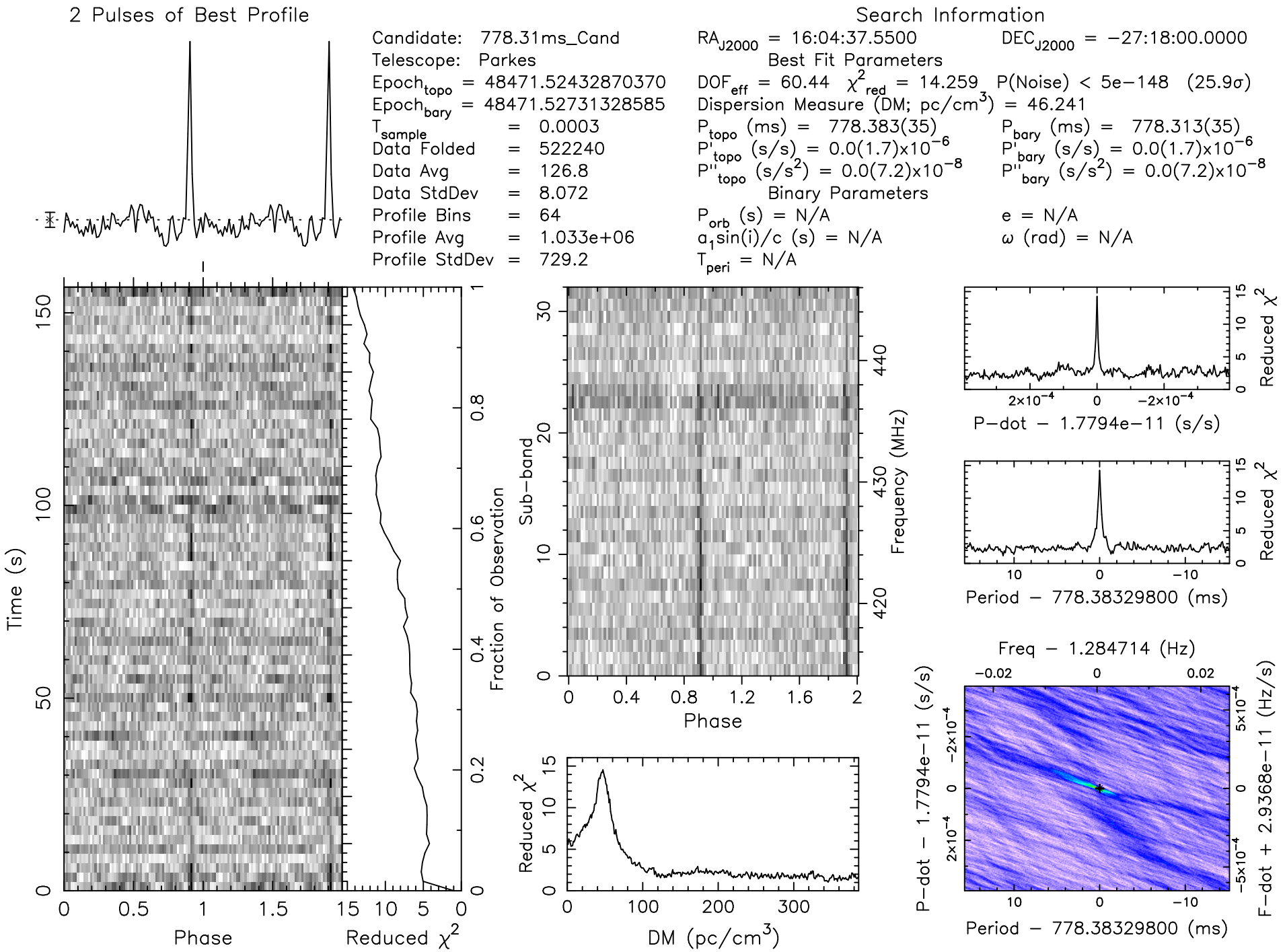
2 Pulses of Best Profile
Search Information
Candidate: 778.31ms_Cand
Telescope: Parkes
Epoch$_{topo}$ = 48471.52432870370
Epoch$_{bary}$ = 48471.52731328585
T_{sample} = 0.0003
Data Folded = 522240
Data Avg = 126.8
Data StdDev = 8.072
Profile Bins = 64
Profile Avg = 1.033e+06
Profile StdDev = 729.2
RA_{J2000} = 16:04:37.5500
DEC_{J2000} = −27:18:00.0000
Best Fit Parameters
DOF_{eff} = 60.44 χ^2_{red} = 14.259 P(Noise) < 5e−148 (25.9σ)
Dispersion Measure (DM; pc/cm^3) = 46.241
P_{topo} (ms) = 778.383(35)
P_{bary} (ms) = 778.313(35)
P'_{topo} (s/s) = 0.0(1.7)x10^{-6}
P'_{bary} (s/s) = 0.0(1.7)x10^{-6}
P''_{topo} (s/s^2) = 0.0(7.2)x10^{-8}
P''_{bary} (s/s^2) = 0.0(7.2)x10^{-8}
Binary Parameters
P_{orb} (s) = N/A
e = N/A
$a_1 \sin(i)/c$ (s) = N/A
ω (rad) = N/A
T_{peri} = N/A
Time (s)
Phase
Reduced χ^2
Fraction of Observation
Sub−band
Frequency (MHz)
DM (pc/cm^3)
P−dot − 1.7794e−11 (s/s)
Period − 778.38329800 (ms)
Freq − 1.284714 (Hz)
F−dot + 2.9368e−11 (Hz/s)
S03511_17.fil
pulsar 6−Feb−2024 19:34