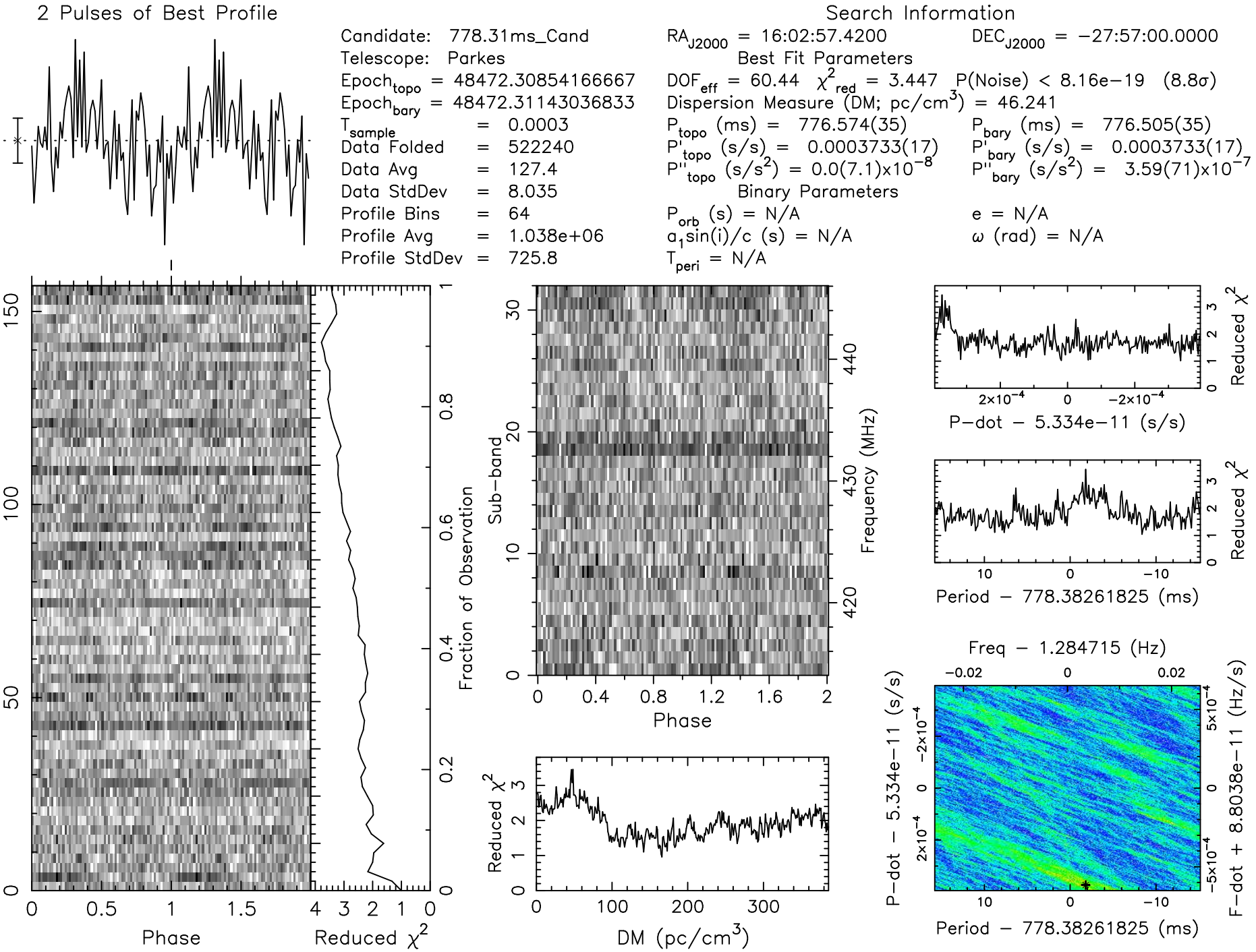
2 Pulses of Best Profile
Search Information
Candidate: 778.31ms_Cand
Telescope: Parkes
Epoch$_{topo}$ = 48472.30854166667
Epoch$_{bary}$ = 48472.31143036833
T_{sample} = 0.0003
Data Folded = 522240
Data Avg = 127.4
Data StdDev = 8.035
Profile Bins = 64
Profile Avg = 1.038e+06
Profile StdDev = 725.8
RA$_{J2000}$ = 16:02:57.4200
DEC$_{J2000}$ = −27:57:00.0000
Best Fit Parameters
DOF$_{eff}$ = 60.44 χ^2_{red} = 3.447 P(Noise) < 8.16e−19 (8.8σ)
Dispersion Measure (DM; pc/cm^3) = 46.241
P_{topo} (ms) = 776.574(35)
P_{bary} (ms) = 776.505(35)
P'_{topo} (s/s) = 0.0003733(17)
P'_{bary} (s/s) = 0.0003733(17)
P''_{topo} (s/s^2) = 0.0(7.1)x10^{-8}
P''_{bary} (s/s^2) = 3.59(71)x10^{-7}
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 − 5.334e−11 (s/s)
Period − 778.38261825 (ms)
Freq − 1.284715 (Hz)
F−dot + 8.8038e−11 (Hz/s)
S03803_19.fil
pulsar 6−Feb−2024 19:34