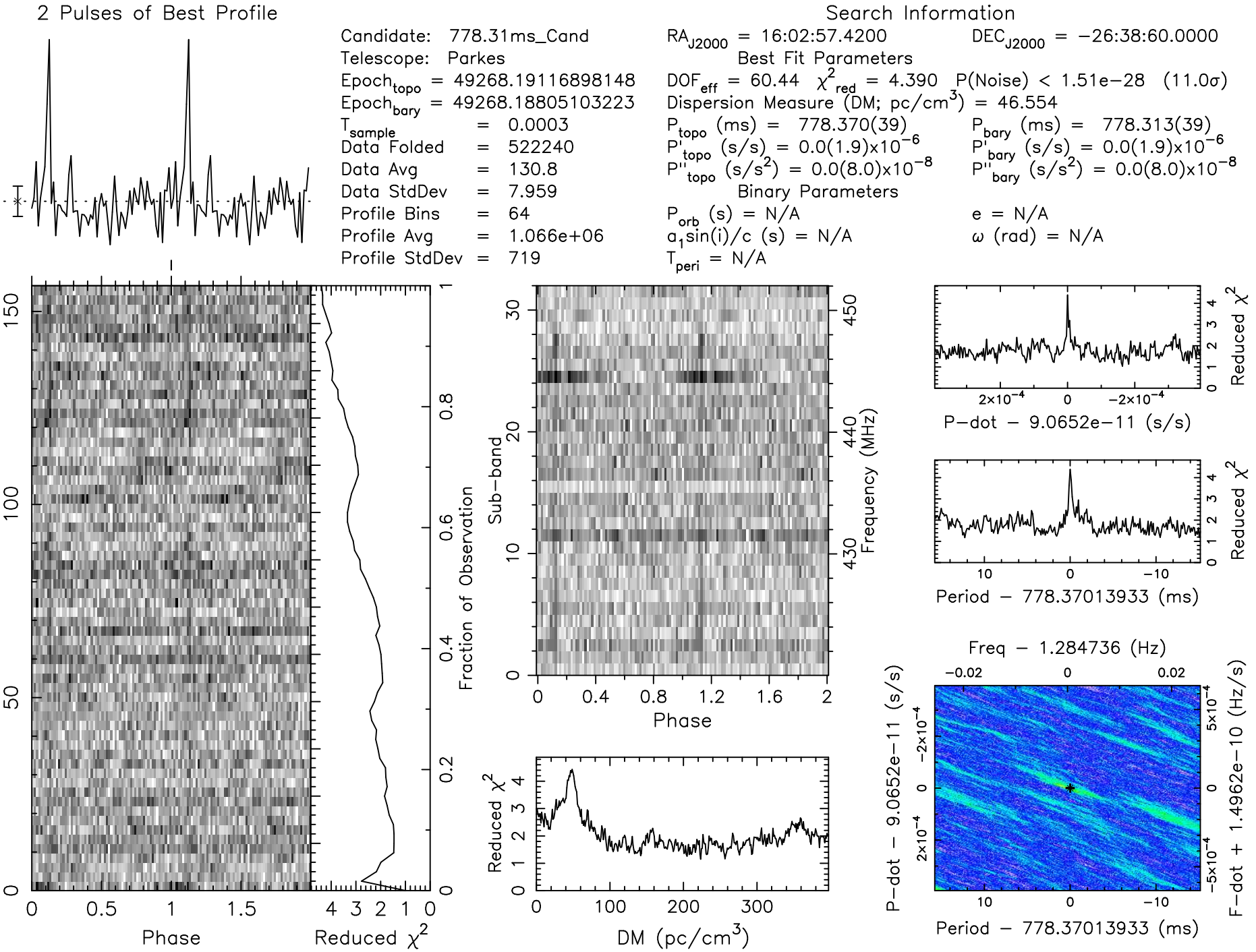
2 Pulses of Best Profile
Search Information
Candidate: 778.31ms_Cand
Telescope: Parkes
Epoch_topo = 49268.19116898148
Epoch_bary = 49268.18805103223
T_sample = 0.0003
Data Folded = 522240
Data Avg = 130.8
Data StdDev = 7.959
Profile Bins = 64
Profile Avg = 1.066e+06
Profile StdDev = 719
RA_J2000 = 16:02:57.4200
DEC_J2000 = −26:38:60.0000
Best Fit Parameters
DOF_eff = 60.44 χ²_red = 4.390 P(Noise) < 1.51e−28 (11.0σ)
Dispersion Measure (DM; pc/cm³) = 46.554
P_topo (ms) = 778.370(39)
P_bary (ms) = 778.313(39)
P'_topo (s/s) = 0.0(1.9)x10⁻⁶
P'_bary (s/s) = 0.0(1.9)x10⁻⁶
P''_topo (s/s²) = 0.0(8.0)x10⁻⁸
P''_bary (s/s²) = 0.0(8.0)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 − 9.0652e−11 (s/s)
Period − 778.37013933 (ms)
Freq − 1.284736 (Hz)
F-dot + 1.4962e−10 (Hz/s)
S43402_27.fil
pulsar 6−Feb−2024 19:34