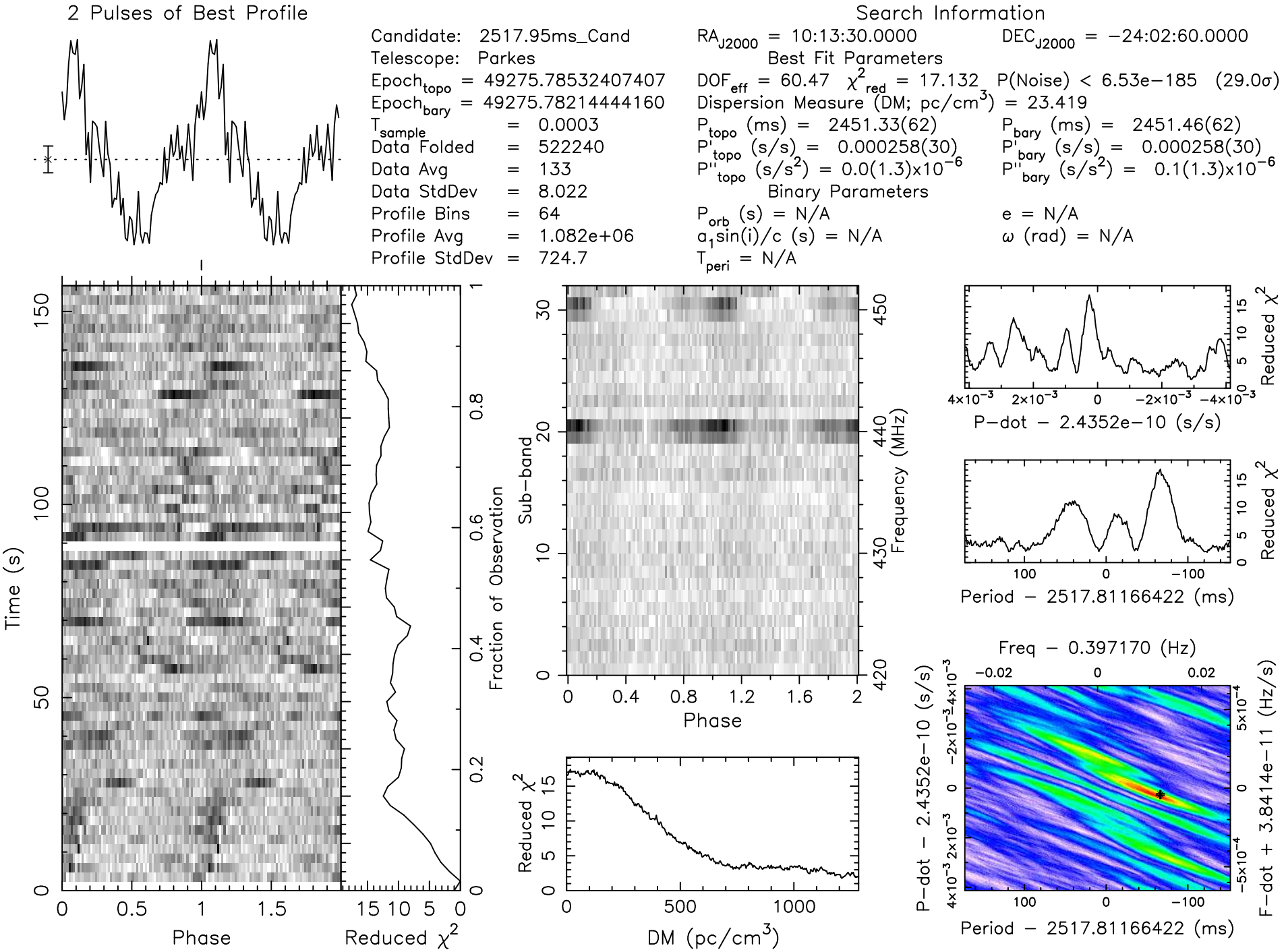
2 Pulses of Best Profile
Search Information
Candidate: 2517.95ms_Cand
Telescope: Parkes
Epoch_topo = 49275.78532407407
Epoch_bary = 49275.78214444160
T_sample = 0.0003
Data Folded = 522240
Data Avg = 133
Data StdDev = 8.022
Profile Bins = 64
Profile Avg = 1.082e+06
Profile StdDev = 724.7
RA_J2000 = 10:13:30.0000
DEC_J2000 = −24:02:60.0000
Best Fit Parameters
DOF_eff = 60.47 χ²_red = 17.132 P(Noise) < 6.53e−185 (29.0σ)
Dispersion Measure (DM; pc/cm³) = 23.419
P_topo (ms) = 2451.33(62)
P_bary (ms) = 2451.46(62)
P'_topo (s/s) = 0.000258(30)
P'_bary (s/s) = 0.000258(30)
P''_topo (s/s²) = 0.0(1.3)x10⁻⁶
P''_bary (s/s²) = 0.1(1.3)x10⁻⁶
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 − 2.4352e−10 (s/s)
Period − 2517.81166422 (ms)
Freq − 0.397170 (Hz)
F-dot + 3.8414e−11 (Hz/s)
S46002_34.fil
pulsar 6−Feb−2024 19:33