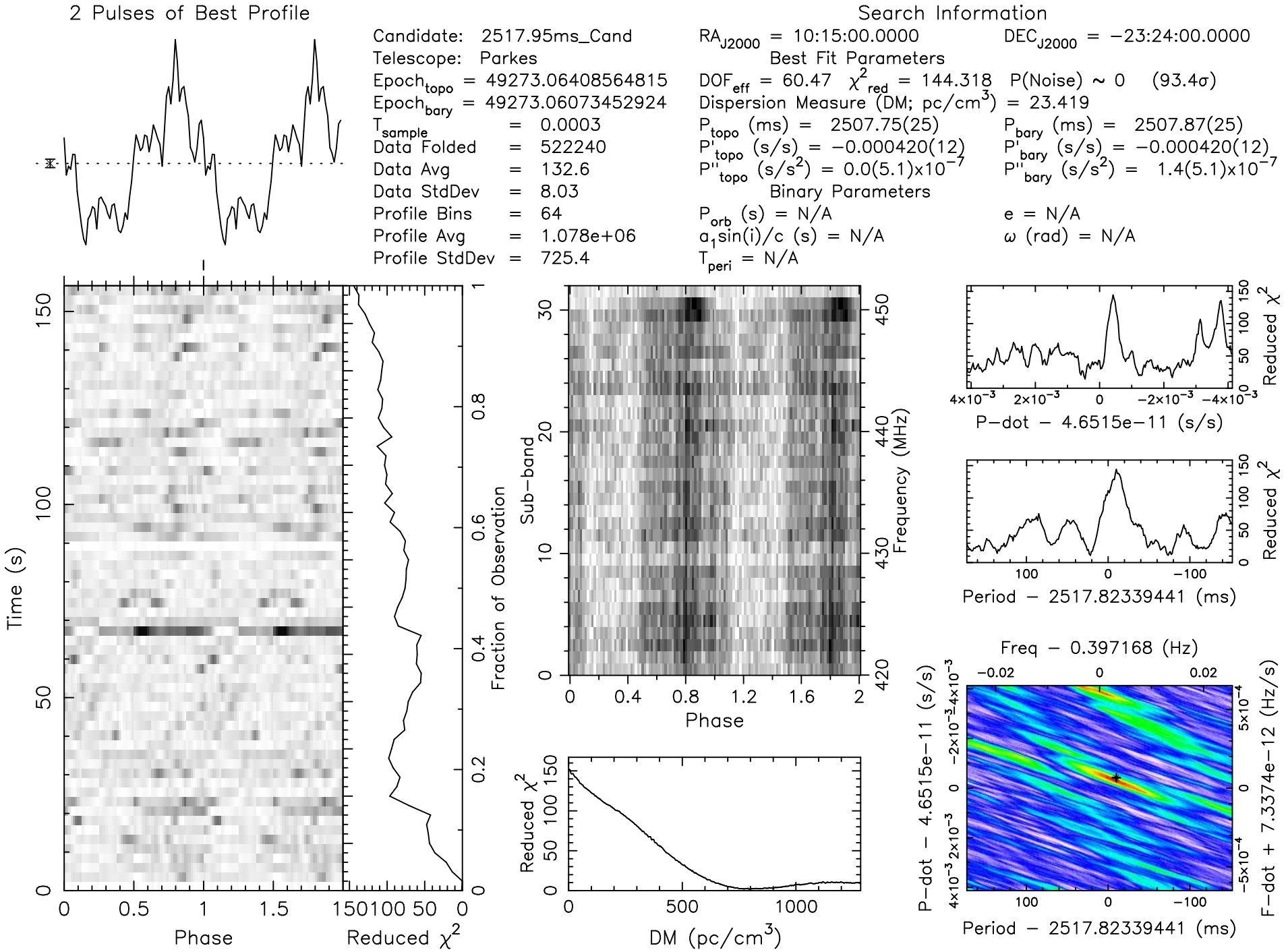
2 Pulses of Best Profile
Search Information
Candidate: 2517.95ms_Cand
Telescope: Parkes
Epoch_topo = 49273.06408564815
Epoch_bary = 49273.06073452924
T_sample = 0.0003
Data Folded = 522240
Data Avg = 132.6
Data StdDev = 8.03
Profile Bins = 64
Profile Avg = 1.078e+06
Profile StdDev = 725.4
RA_J2000 = 10:15:00.0000
DEC_J2000 = −23:24:00.0000
Best Fit Parameters
DOF_eff = 60.47 χ²_red = 144.318 P(Noise) ~ 0 (93.4σ)
Dispersion Measure (DM; pc/cm³) = 23.419
P_topo (ms) = 2507.75(25)
P_bary (ms) = 2507.87(25)
P'_topo (s/s) = −0.000420(12)
P'_bary (s/s) = −0.000420(12)
P''_topo (s/s²) = 0.0(5.1)x10⁻⁷
P''_bary (s/s²) = 1.4(5.1)x10⁻⁷
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 − 4.6515e−11 (s/s)
Period − 2517.82339441 (ms)
Freq − 0.397168 (Hz)
P-dot − 4.6515e−11 (s/s)
F-dot + 7.3374e−12 (Hz/s)
S44905_14.fil
pulsar 6−Feb−2024 19:33