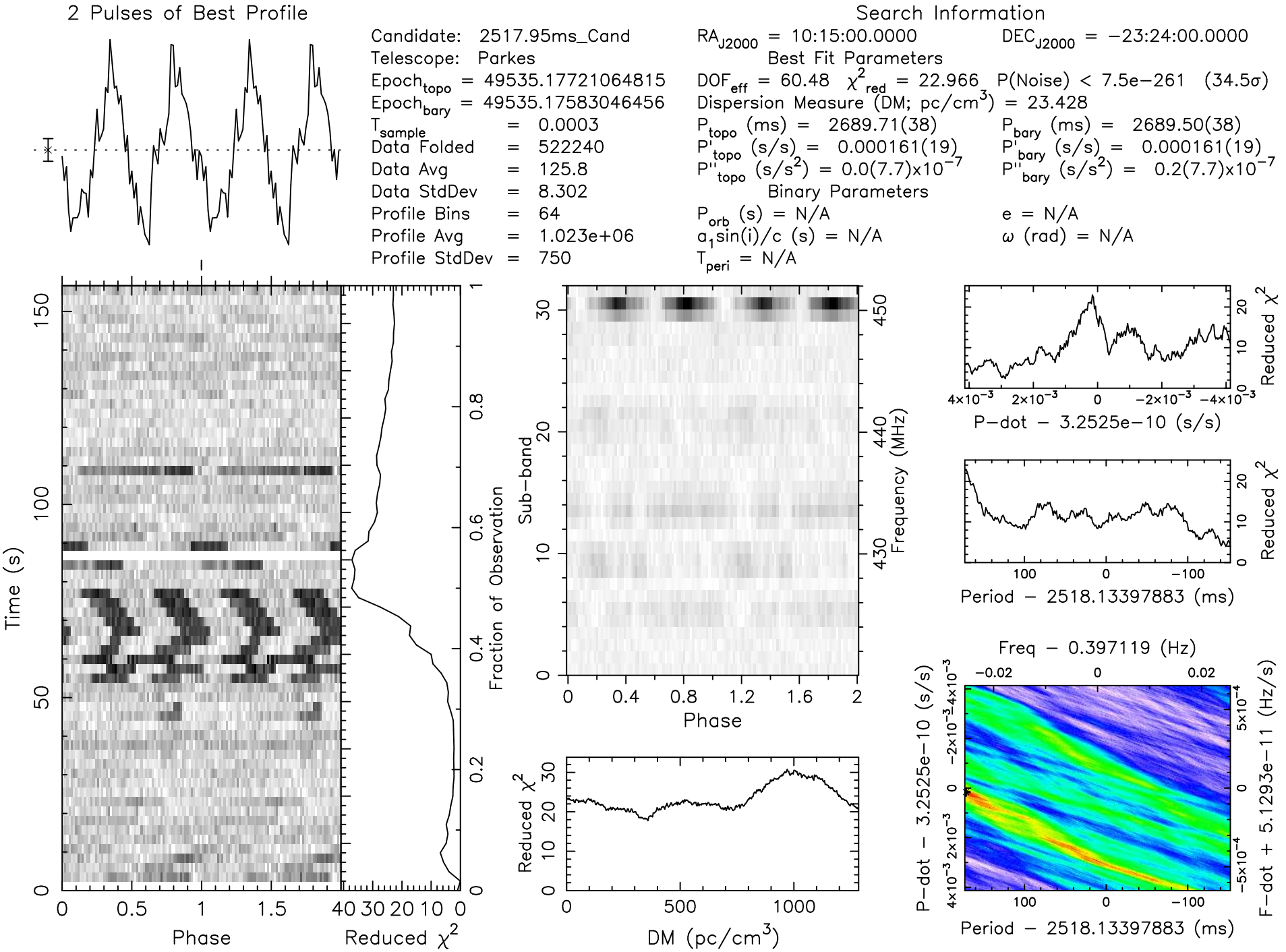
2 Pulses of Best Profile
Search Information
Candidate: 2517.95ms_Cand
Telescope: Parkes
Epoch_topo = 49535.17721064815
Epoch_bary = 49535.17583046456
T_sample = 0.0003
Data Folded = 522240
Data Avg = 125.8
Data StdDev = 8.302
Profile Bins = 64
Profile Avg = 1.023e+06
Profile StdDev = 750
RA_J2000 = 10:15:00.0000
DEC_J2000 = −23:24:00.0000
Best Fit Parameters
DOF_eff = 60.48 χ²_red = 22.966 P(Noise) < 7.5e−261 (34.5σ)
Dispersion Measure (DM; pc/cm³) = 23.428
P_topo (ms) = 2689.71(38)
P_bary (ms) = 2689.50(38)
P'_topo (s/s) = 0.000161(19)
P'_bary (s/s) = 0.000161(19)
P''_topo (s/s²) = 0.0(7.7)x10⁻⁷
P''_bary (s/s²) = 0.2(7.7)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 − 3.2525e−10 (s/s)
Period − 2518.13397883 (ms)
Freq − 0.397119 (Hz)
F-dot + 5.1293e−11 (Hz/s)
S56601_9.fil
pulsar 6−Feb−2024 19:33