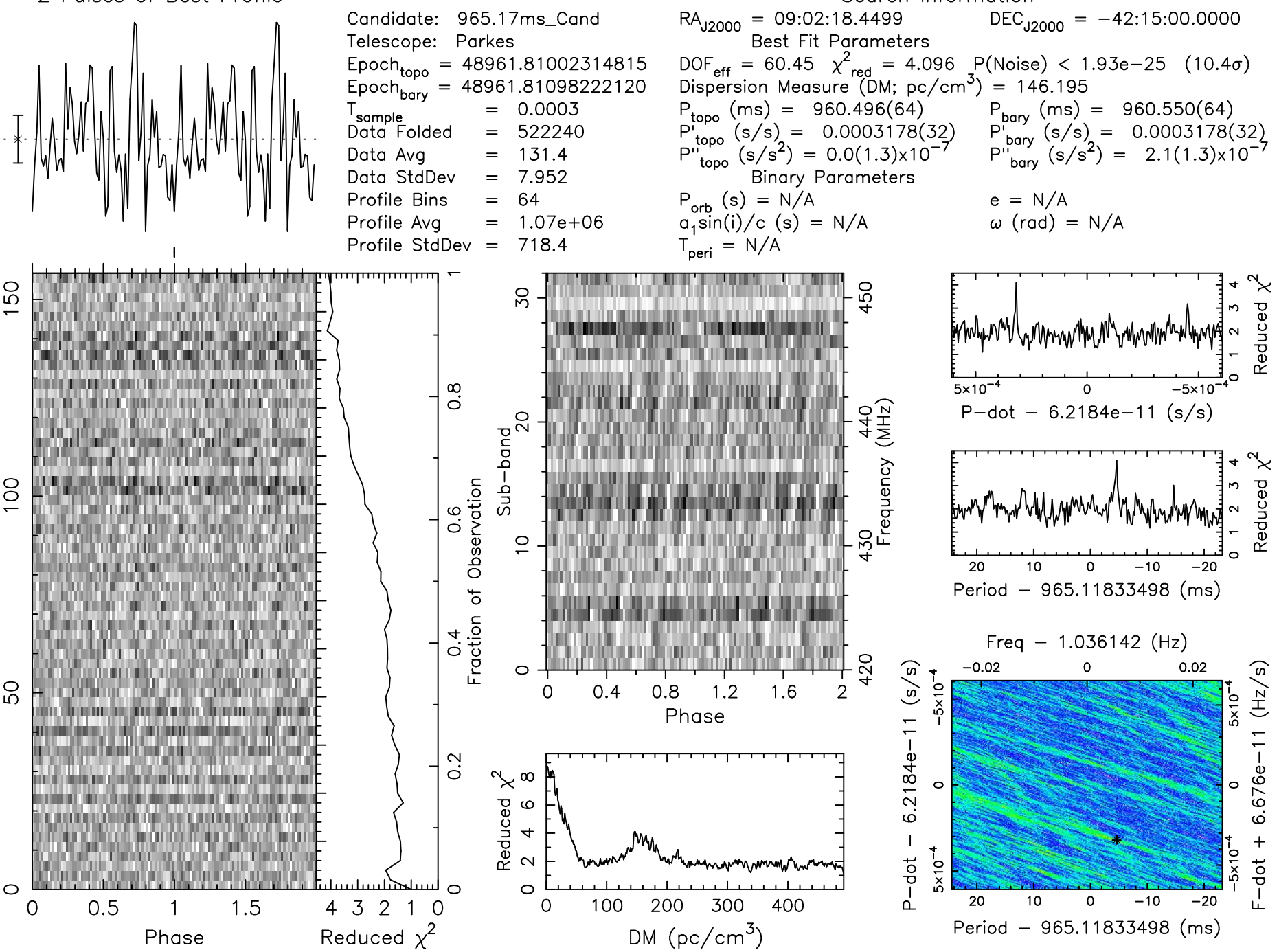
2 Pulses of Best Profile
Search Information
Candidate: 965.17ms_Cand
Telescope: Parkes
Epoch$_{topo}$ = 48961.81002314815
Epoch$_{bary}$ = 48961.81098222120
T_{sample} = 0.0003
Data Folded = 522240
Data Avg = 131.4
Data StdDev = 7.952
Profile Bins = 64
Profile Avg = 1.07e+06
Profile StdDev = 718.4
RA$_{J2000}$ = 09:02:18.4499
DEC$_{J2000}$ = −42:15:00.0000
Best Fit Parameters
DOF$_{eff}$ = 60.45 χ^2_{red} = 4.096 P(Noise) < 1.93e−25 (10.4σ)
Dispersion Measure (DM; pc/cm^3) = 146.195
P_{topo} (ms) = 960.496(64)
P_{bary} (ms) = 960.550(64)
P'_{topo} (s/s) = 0.0003178(32)
P'_{bary} (s/s) = 0.0003178(32)
P''_{topo} (s/s^2) = 0.0(1.3)x10^{-7}
P''_{bary} (s/s^2) = 2.1(1.3)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 − 6.2184e−11 (s/s)
Period − 965.11833498 (ms)
Freq − 1.036142 (Hz)
F−dot + 6.676e−11 (Hz/s)
S30901_49.fil
pulsar 6−Feb−2024 19:32