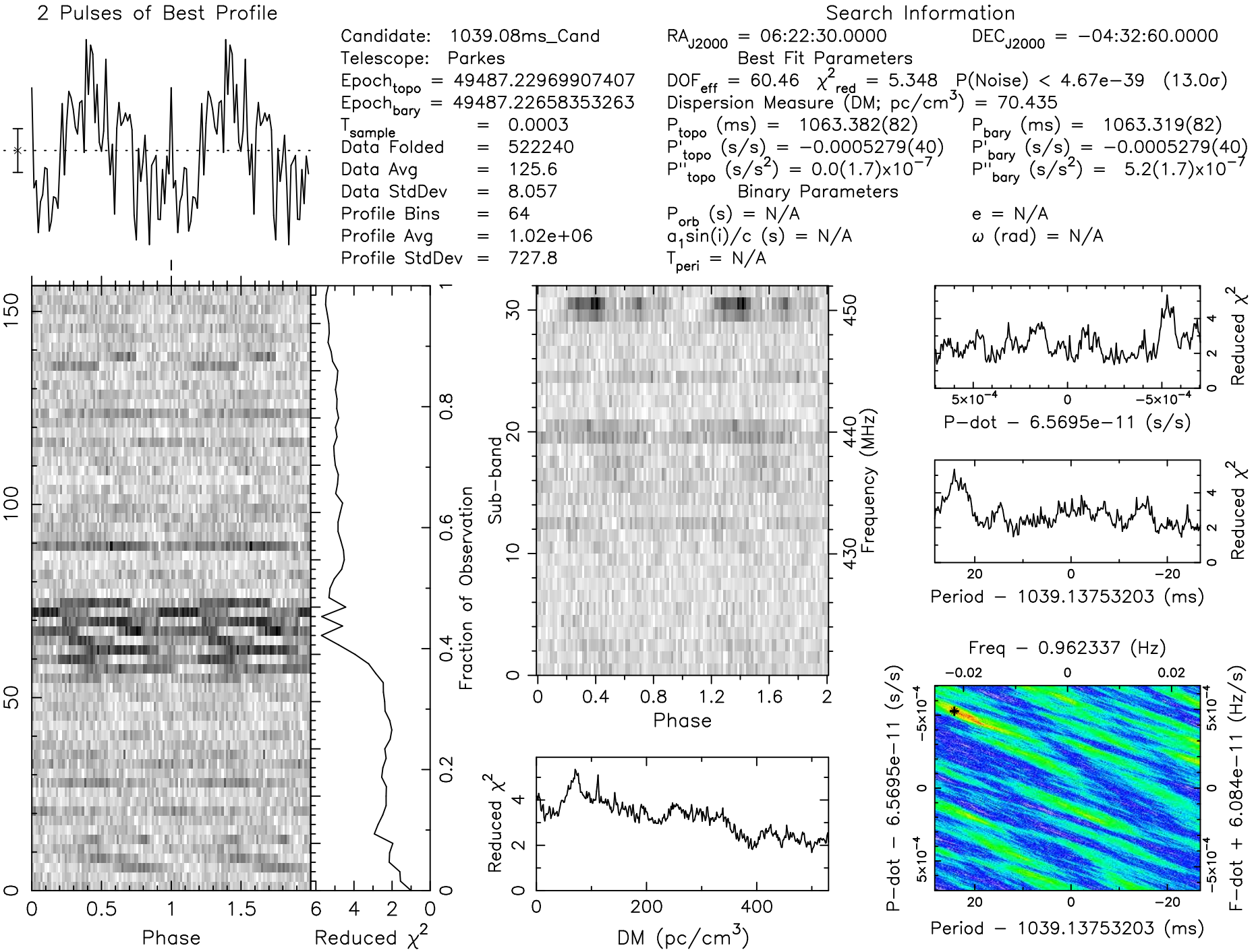
2 Pulses of Best Profile
Search Information
Candidate: 1039.08ms_Cand
Telescope: Parkes
Epoch$_{topo}$ = 49487.22969907407
Epoch$_{bary}$ = 49487.22658353263
T_{sample} = 0.0003
Data Folded = 522240
Data Avg = 125.6
Data StdDev = 8.057
Profile Bins = 64
Profile Avg = 1.02e+06
Profile StdDev = 727.8
RA$_{J2000}$ = 06:22:30.0000
DEC$_{J2000}$ = −04:32:60.0000
Best Fit Parameters
DOF$_{eff}$ = 60.46 χ^2_{red} = 5.348 P(Noise) < 4.67e−39 (13.0σ)
Dispersion Measure (DM; pc/cm^3) = 70.435
P_{topo} (ms) = 1063.382(82)
P_{bary} (ms) = 1063.319(82)
P'_{topo} (s/s) = −0.0005279(40)
P'_{bary} (s/s) = −0.0005279(40)
P''_{topo} (s/s^2) = 0.0(1.7)x10^{-7}
P''_{bary} (s/s^2) = 5.2(1.7)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 − 6.5695e−11 (s/s)
Period − 1039.13753203 (ms)
Freq − 0.962337 (Hz)
F-dot + 6.084e−11 (Hz/s)
S55703_6.fil
pulsar 6−Feb−2024 19:32