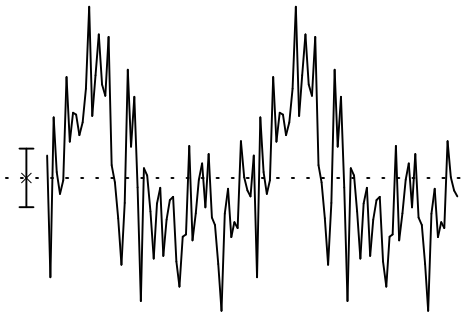
2 Pulses of Best Profile



Search Information

Candidate: 840.74ms_Cand
Telescope: Parkes
$Epoch_{topo}$ = 48815.37975694444
$Epoch_{bary}$ = 48815.38352745821
$T_{sample}$ = 0.0003
Data Folded = 522240
Data Avg = 127.4
Data StdDev = 8.032
Profile Bins = 64
Profile Avg = 1.038e+06
Profile StdDev = 725.6

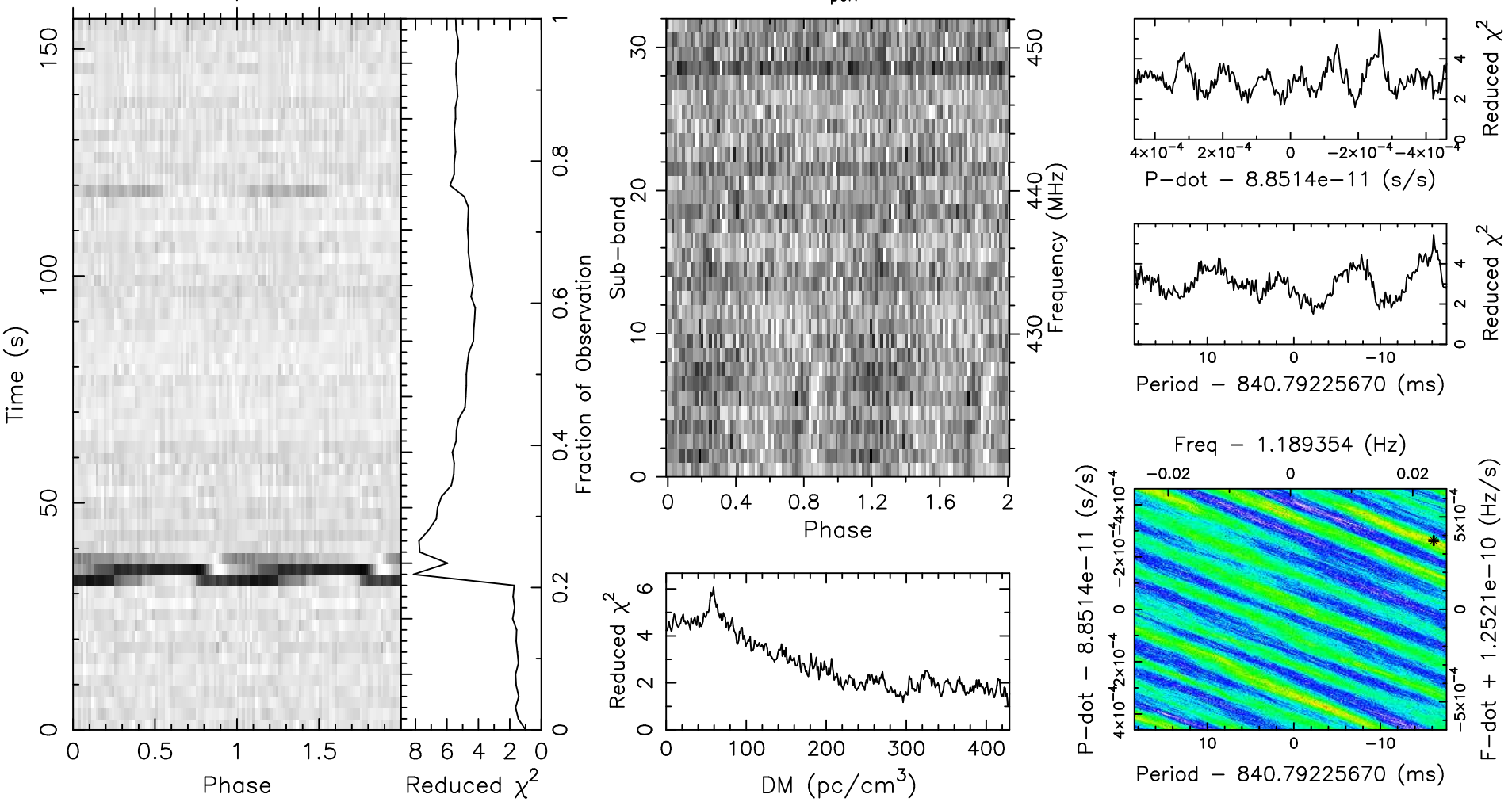
$RA_{J2000}$ = 15:06:22.4499 $DEC_{J2000}$ = −52:00:00.0000

Best Fit Parameters

$DOF_{eff}$ = 60.44 $\chi^2_{red}$ = 5.446 P(Noise) < 3.64e−40 (13.2σ)
Dispersion Measure (DM; pc/cm$^3$) = 61.461
$P_{topo}$ (ms) = 824.612(51) $P_{bary}$ (ms) = 824.560(51)
$P'_{topo}$ (s/s) = −0.0002628(25) $P'_{bary}$ (s/s) = −0.0002628(25)
$P''_{topo}$ (s/s$^2$) = 0.0(1.0)x10$^{-7}$ $P''_{bary}$ (s/s$^2$) = 1.7(1.0)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

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pulsar 6−Feb−2024 19:33