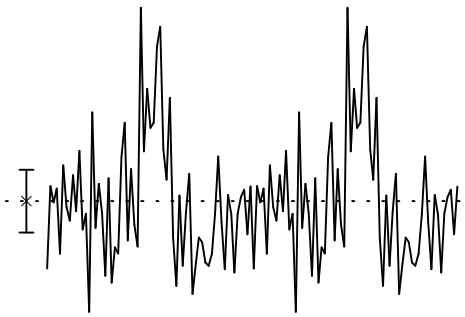
2 Pulses of Best Profile



Search Information

Candidate: 2347.49ms_Cand
Telescope: Parkes
$Epoch_{topo}$ = 48887.67071759259
$Epoch_{bary}$ = 48887.67432694254
$T_{sample}$ = 0.0003
Data Folded = 522240
Data Avg = 130.8
Data StdDev = 8.489
Profile Bins = 64
Profile Avg = 1.055e+06
Profile StdDev = 766.9

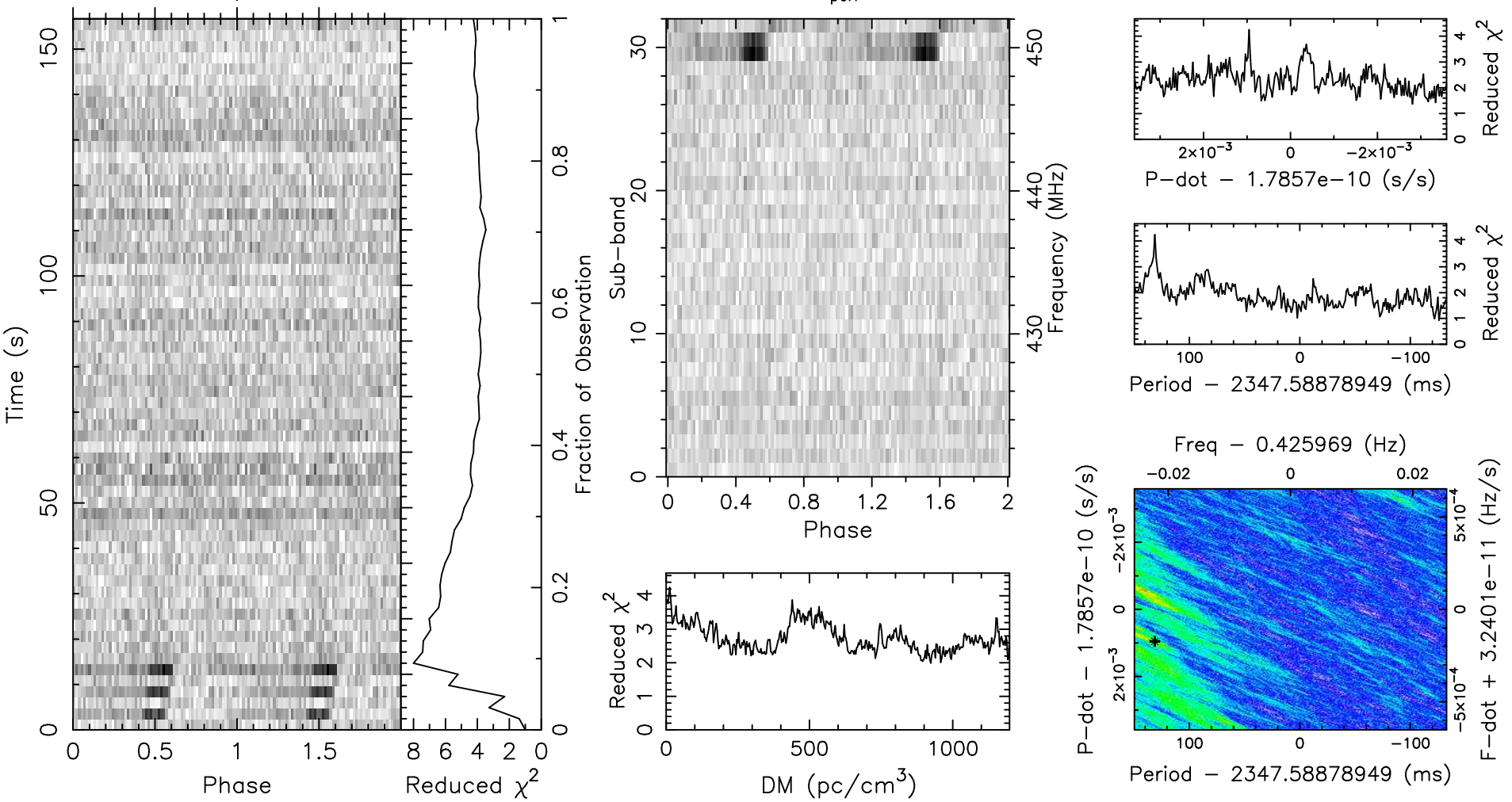
$RA_{J2000}$ = 23:21:09.1299 $DEC_{J2000}$ = −59:08:60.0000

Best Fit Parameters

$DOF_{eff}$ = 60.47 $\chi^2_{red}$ = 4.247 P(Noise) < 4.97e−27 (10.7σ)
Dispersion Measure (DM; pc/cm$^3$) = 12.480
$P_{topo}$ (ms) = 2478.75(29) $P_{bary}$ (ms) = 2478.64(29)
$P'_{topo}$ (s/s) = 0.000954(14) $P'_{bary}$ (s/s) = 0.000954(14)
$P''_{topo}$ (s/s$^2$) = 0.0(5.9)x10$^{-7}$ $P''_{bary}$ (s/s$^2$) = 7.3(5.9)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




S26002_25.fil

pulsar 6−Feb−2024 19:42