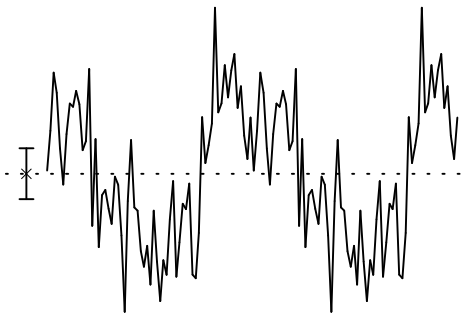
2 Pulses of Best Profile



Search Information

Candidate: 1373.82ms_Cand
Telescope: Parkes
$Epoch_{topo}$ = 49616.80451388889
$Epoch_{bary}$ = 49616.80138499451
T_{sample} = 0.0003
Data Folded = 522240
Data Avg = 125.9
Data StdDev = 8.064
Profile Bins = 64
Profile Avg = 1.027e+06
Profile StdDev = 728.4

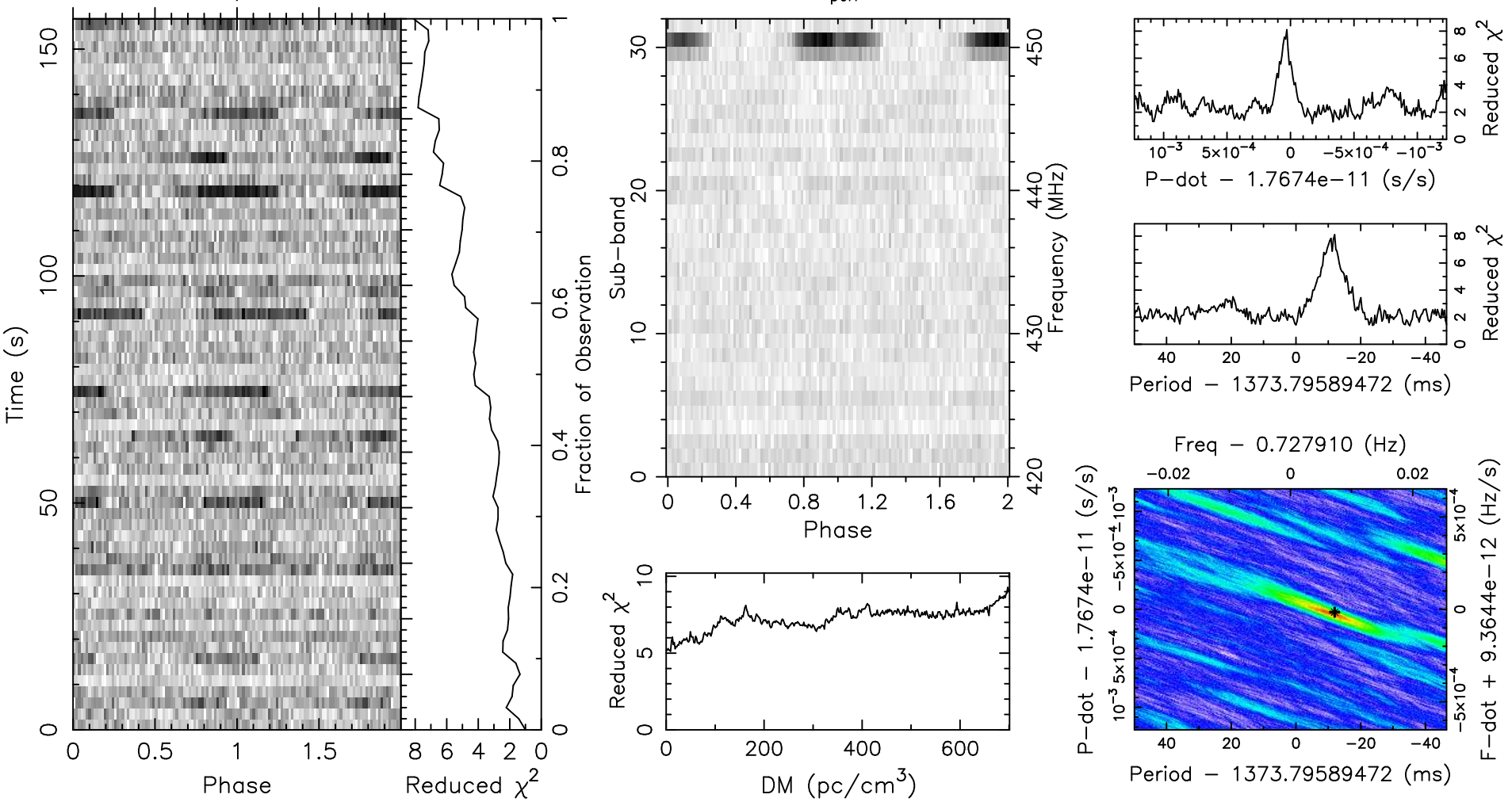
RA_{J2000} = 09:48:53.8000 DEC_{J2000} = −39:00:00.0000

Best Fit Parameters

DOF_{eff} = 60.46 χ^2_{red} = 8.103 P(Noise) < 2.84e−71 (17.8σ)
Dispersion Measure (DM; pc/cm^3) = 162.478
P_{topo} (ms) = 1361.85(15) P_{bary} (ms) = 1361.87(15)
P'_{topo} (s/s) = 2.88(73)x10^{-5} P'_{bary} (s/s) = 2.88(73)x10^{-5}
P''_{topo} (s/s^2) = 0.0(3.0)x10^{-7} P''_{bary} (s/s^2) = 0.0(3.0)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 19:39