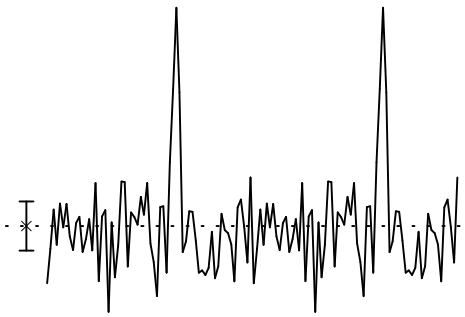
2 Pulses of Best Profile



Search Information

Candidate: 620.45ms_Cand
Telescope: Parkes
$Epoch_{topo}$ = 48930.33009259259
$Epoch_{bary}$ = 48930.32634334747
T_{sample} = 0.0003
Data Folded = 522240
Data Avg = 128.8
Data StdDev = 7.978
Profile Bins = 64
Profile Avg = 1.049e+06
Profile StdDev = 720.7

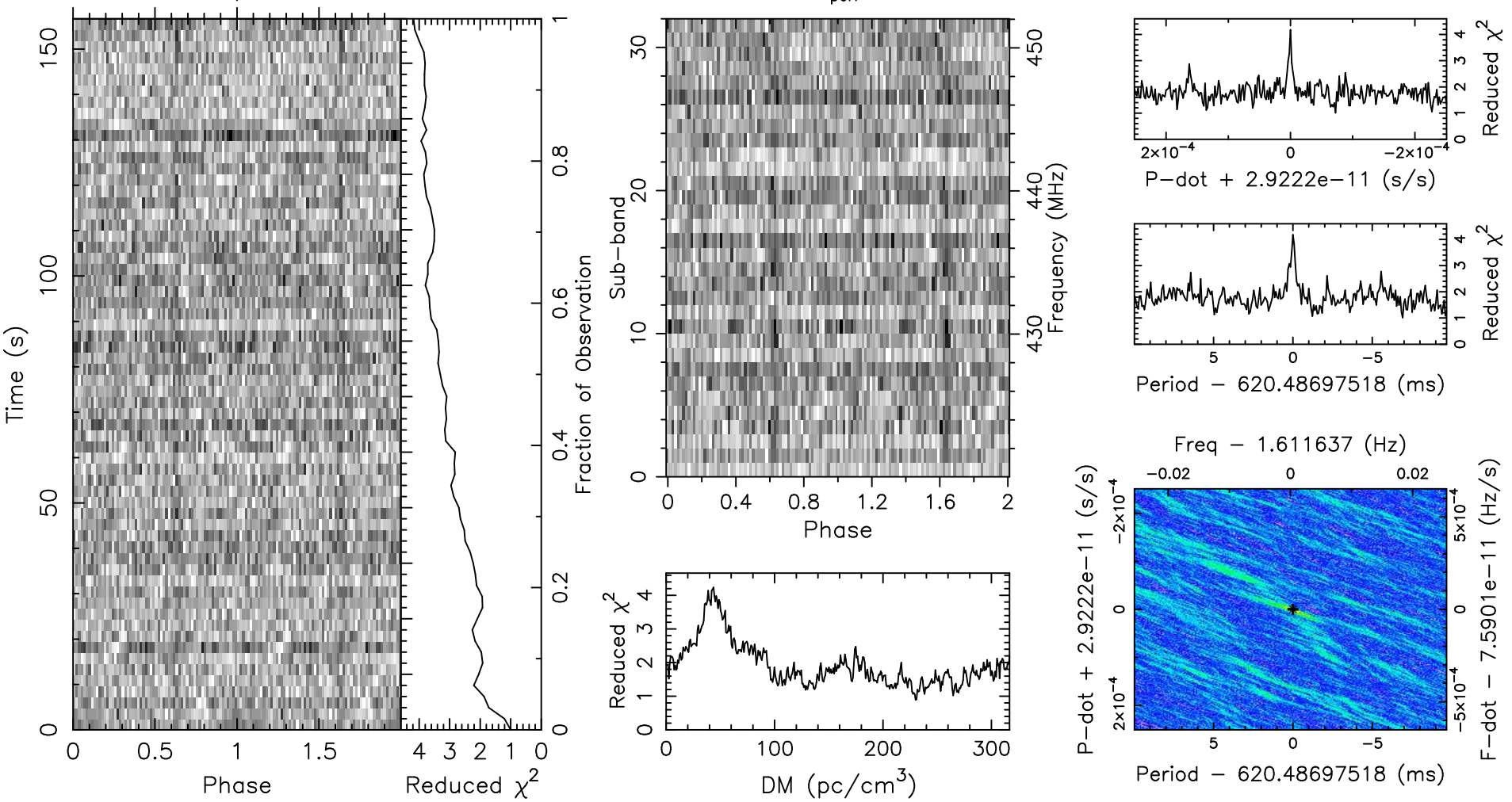
RA_{J2000} = 17:21:23.7299 DEC_{J2000} = −29:53:60.0000

Best Fit Parameters

DOF_{eff} = 60.42 χ^2_{red} = 4.180 P(Noise) < 2.54e−26 (10.5σ)
Dispersion Measure (DM; pc/cm^3) = 42.883
P_{topo} (ms) = 620.487(28) P_{bary} (ms) = 620.448(28)
P'_{topo} (s/s) = 0.0(1.4)x10^{-6} P'_{bary} (s/s) = 0.0(1.4)x10^{-6}
P''_{topo} (s/s^2) = 0.0(5.7)x10^{-8} P''_{bary} (s/s^2) = 0.0(5.7)x10^{-8}

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 19:36