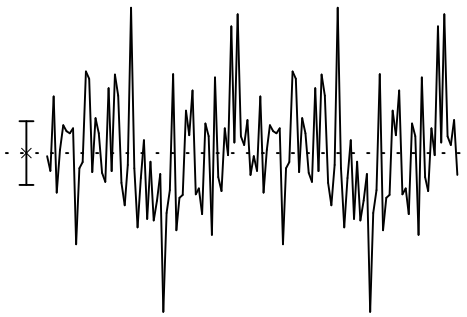
2 Pulses of Best Profile



Candidate: 620.45ms_Cand
Telescope: Parkes
$Epoch_{topo}$ = 48930.33009259259
$Epoch_{bary}$ = 48930.32629833528
T_{sample} = 0.0003
Data Folded = 522240
Data Avg = 129.1
Data StdDev = 7.975
Profile Bins = 64
Profile Avg = 1.051e+06
Profile StdDev = 720.4

Search Information

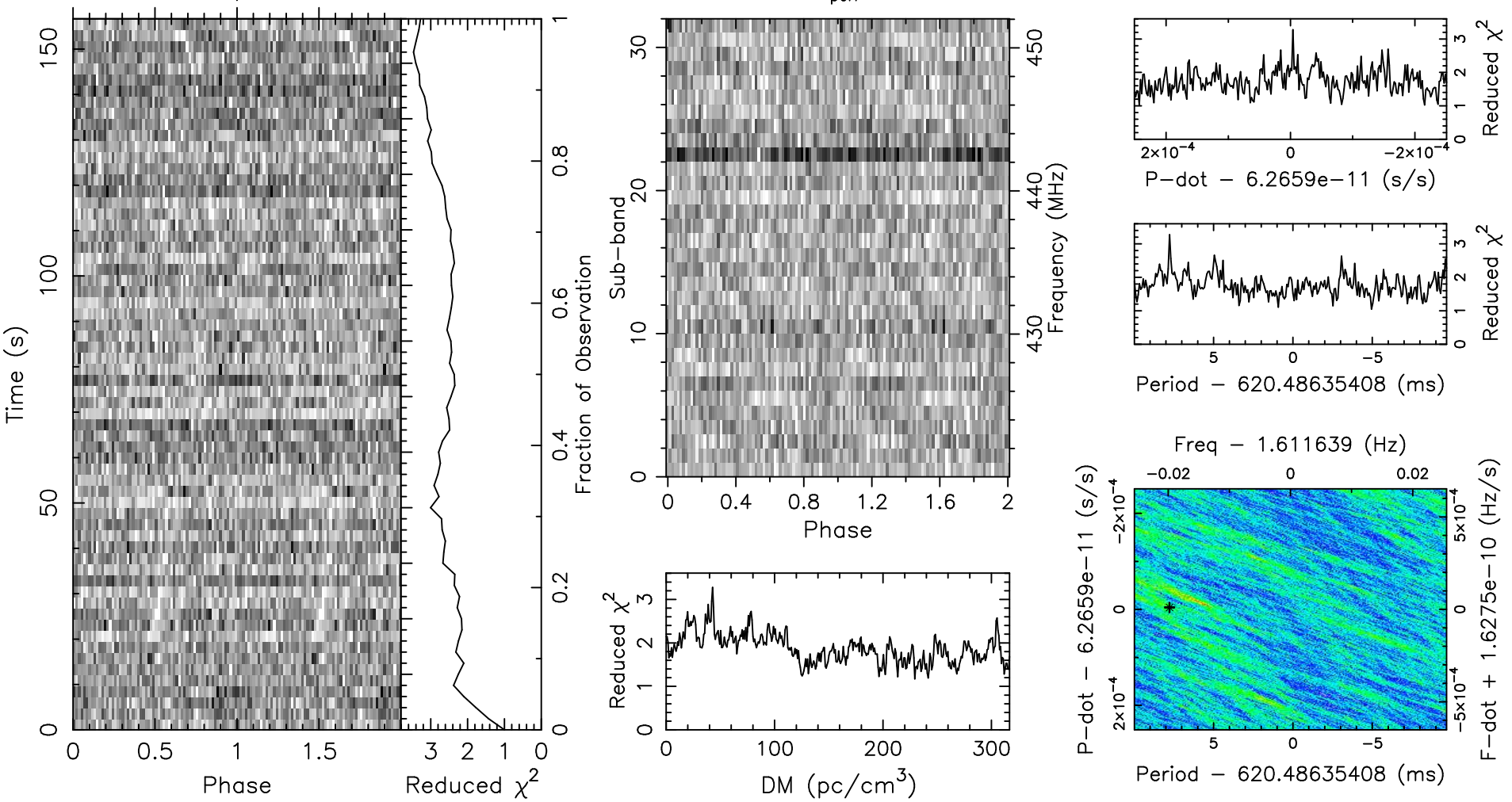
RA_{J2000} = 17:18:03.4600 DEC_{J2000} = −29:53:60.0000

Best Fit Parameters

DOF_{eff} = 60.42 χ^2_{red} = 3.276 P(Noise) < 3.86e−17 (8.3σ)
Dispersion Measure (DM; pc/cm^3) = 42.883
P_{topo} (ms) = 628.262(16) P_{bary} (ms) = 628.223(16)
P'_{topo} (s/s) = $-3.92(81)\times10^{-6}$ P'_{bary} (s/s) = $-3.92(81)\times10^{-6}$
P''_{topo} (s/s^2) = $0.0(3.3)\times10^{-8}$ P''_{bary} (s/s^2) = $0.0(3.3)\times10^{-8}$

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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