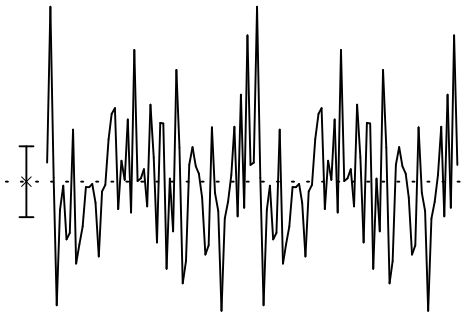
2 Pulses of Best Profile



Search Information

Candidate: 620.45ms_Cand
Telescope: Parkes
$Epoch_{topo}$ = 49269.11947916666
$Epoch_{bary}$ = 49269.11781095788
T_{sample} = 0.0003
Data Folded = 522240
Data Avg = 130.4
Data StdDev = 7.98
Profile Bins = 64
Profile Avg = 1.062e+06
Profile StdDev = 720.8

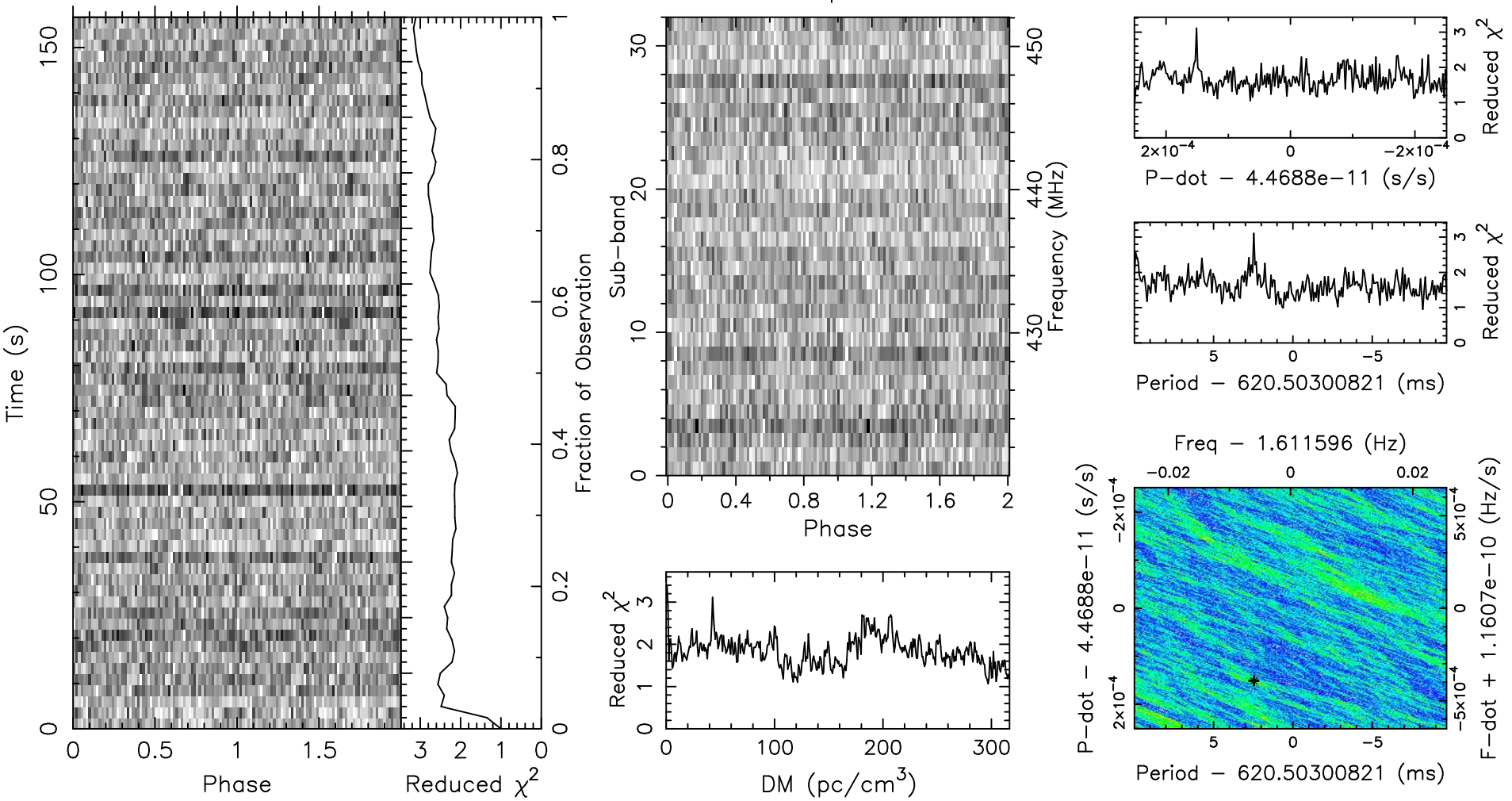
RA_{J2000} = 17:23:03.8599 DEC_{J2000} = −30:33:00.0000

Best Fit Parameters

DOF_{eff} = 60.42 χ^2_{red} = 3.111 P(Noise) < 1.46e−15 (7.9σ)
Dispersion Measure (DM; pc/cm^3) = 42.886
P_{topo} (ms) = 622.970(24) P_{bary} (ms) = 622.915(24)
P'_{topo} (s/s) = 0.0001510(12) P'_{bary} (s/s) = 0.0001510(12)
P''_{topo} (s/s^2) = 0.0(4.9)x10^{-8} P''_{bary} (s/s^2) = 7.3(4.9)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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