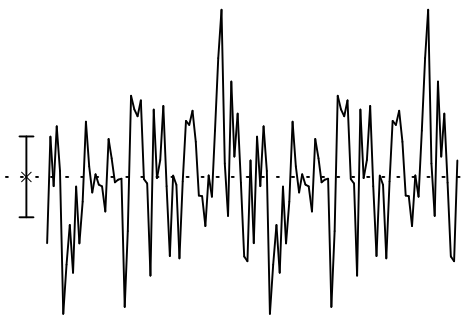
2 Pulses of Best Profile



Search Information

Candidate: 280.42ms_Cand
Telescope: Parkes
$Epoch_{topo}$ = 48632.87738425926
$Epoch_{bary}$ = 48632.87303541070
T_{sample} = 0.0003
Data Folded = 522240
Data Avg = 128.4
Data StdDev = 8.148
Profile Bins = 64
Profile Avg = 1.046e+06
Profile StdDev = 736

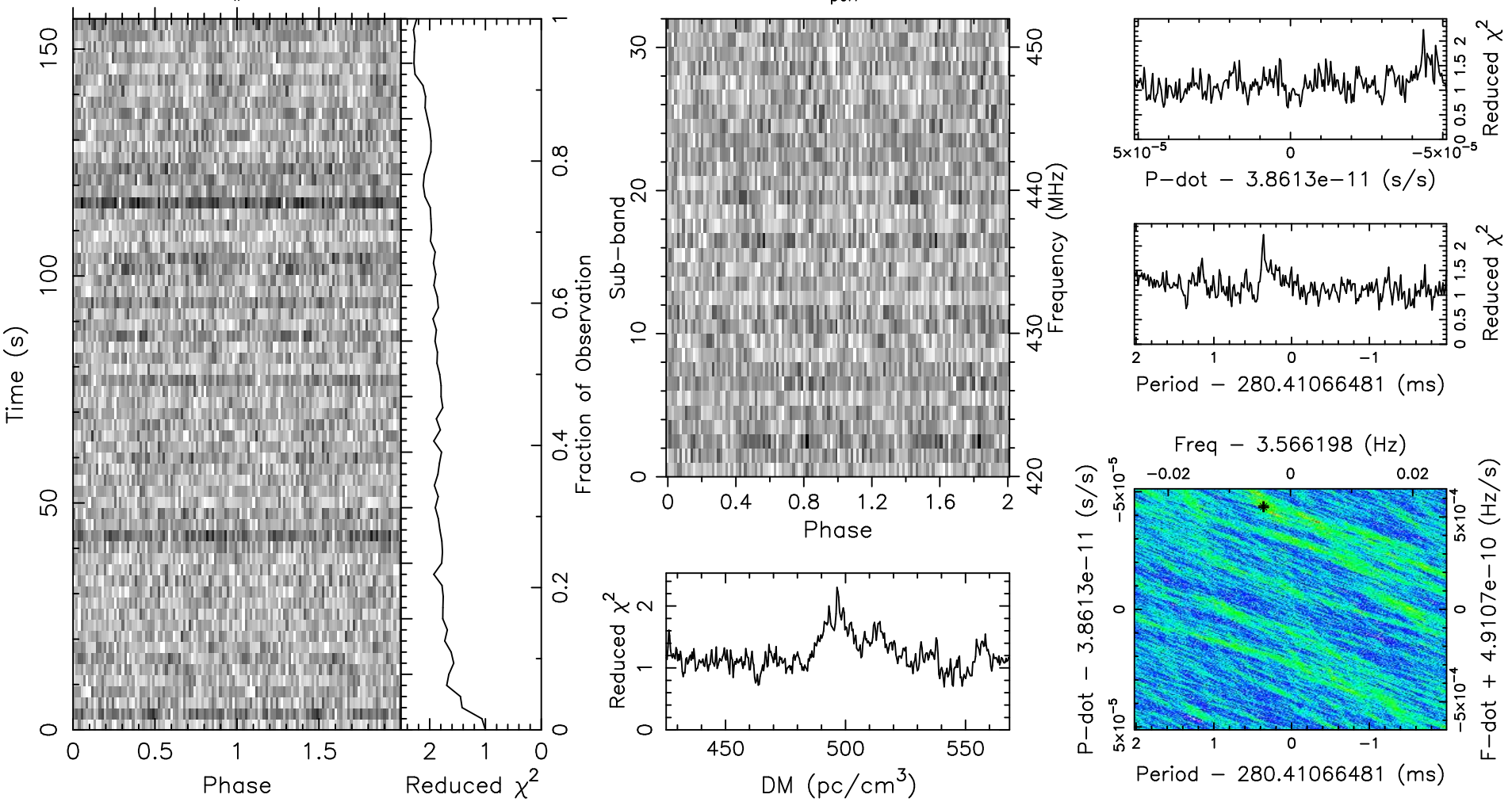
RA_{J2000} = 17:24:44.0000 DEC_{J2000} = −35:06:00.0000

Best Fit Parameters

DOF_{eff} = 60.22 χ^2_{red} = 2.230 P(Noise) < 7.67e−08 (5.2σ)
Dispersion Measure (DM; pc/cm^3) = 496.820
P_{topo} (ms) = 280.7719(67) P_{bary} (ms) = 280.7852(67)
P'_{topo} (s/s) = −4.365(33)x10^{-5} P'_{bary} (s/s) = −4.365(33)x10^{-5}
P''_{topo} (s/s^2) = 0.0(1.4)x10^{-8} P''_{bary} (s/s^2) = 1.4(1.4)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



S10603_19.fil

pulsar 6−Feb−2024 19:37