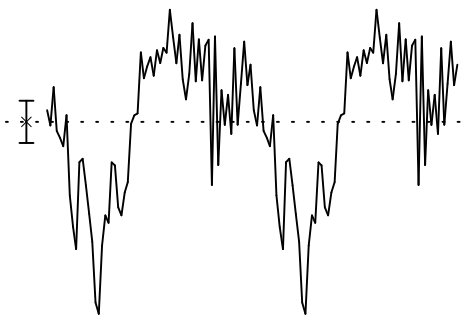
2 Pulses of Best Profile



Search Information

Candidate: 2347.49ms_Cand
Telescope: Parkes
$Epoch_{topo}$ = 49181.85928241898
$Epoch_{bary}$ = 49181.86328668207
T_{sample} = 0.0003
Data Folded = 522240
Data Avg = 134.6
Data StdDev = 8.456
Profile Bins = 64
Profile Avg = 1.086e+06
Profile StdDev = 763.8

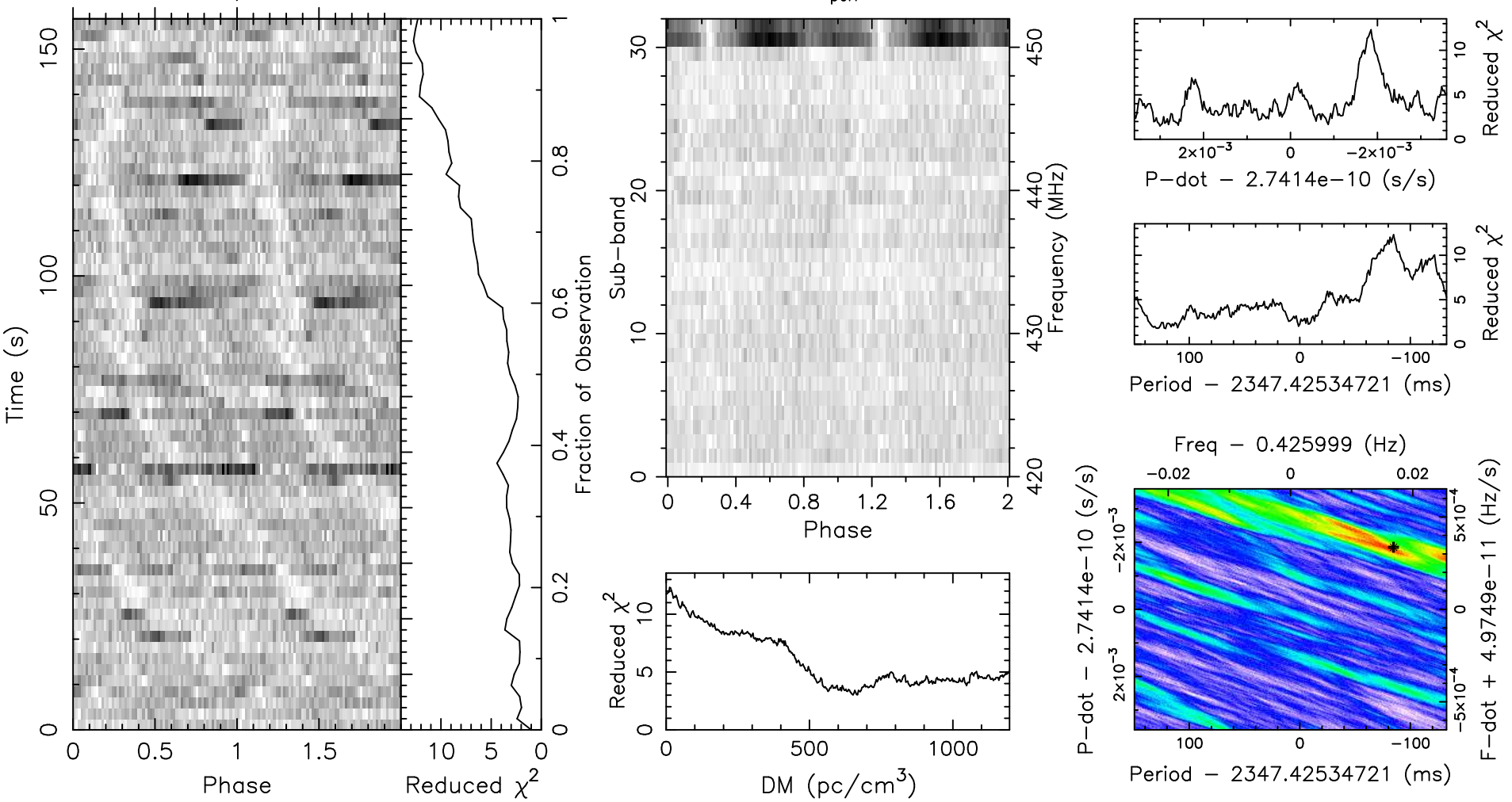
RA_{J2000} = 23:21:09.1299 DEC_{J2000} = −61:45:00.0000

Best Fit Parameters

DOF_{eff} = 60.47 χ^2_{red} = 12.313 P(Noise) < 2.36e−123 (23.6σ)
Dispersion Measure (DM; pc/cm^3) = 12.477
P_{topo} (ms) = 2262.67(46) P_{bary} (ms) = 2262.73(46)
P'_{topo} (s/s) = −0.001852(23) P'_{bary} (s/s) = −0.001852(23)
P''_{topo} (s/s^2) = 0.0(9.5)x10^{-7} P''_{bary} (s/s^2) = 3.03(95)x10^{-6}

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



S41401_18.fil

pulsar 6−Feb−2024 19:42