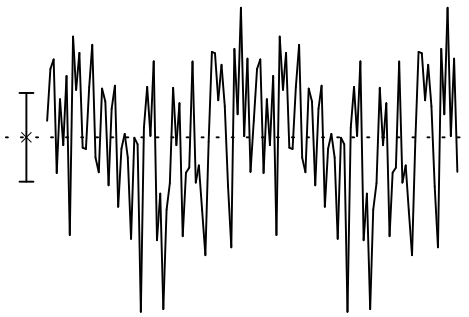
2 Pulses of Best Profile



Search Information

Candidate: 656.30ms_Cand
Telescope: Parkes
$Epoch_{topo}$ = 48632.87738425926
$Epoch_{bary}$ = 48632.87311674068
T_{sample} = 0.0003
Data Folded = 522240
Data Avg = 127.6
Data StdDev = 8.195
Profile Bins = 64
Profile Avg = 1.038e+06
Profile StdDev = 740.3

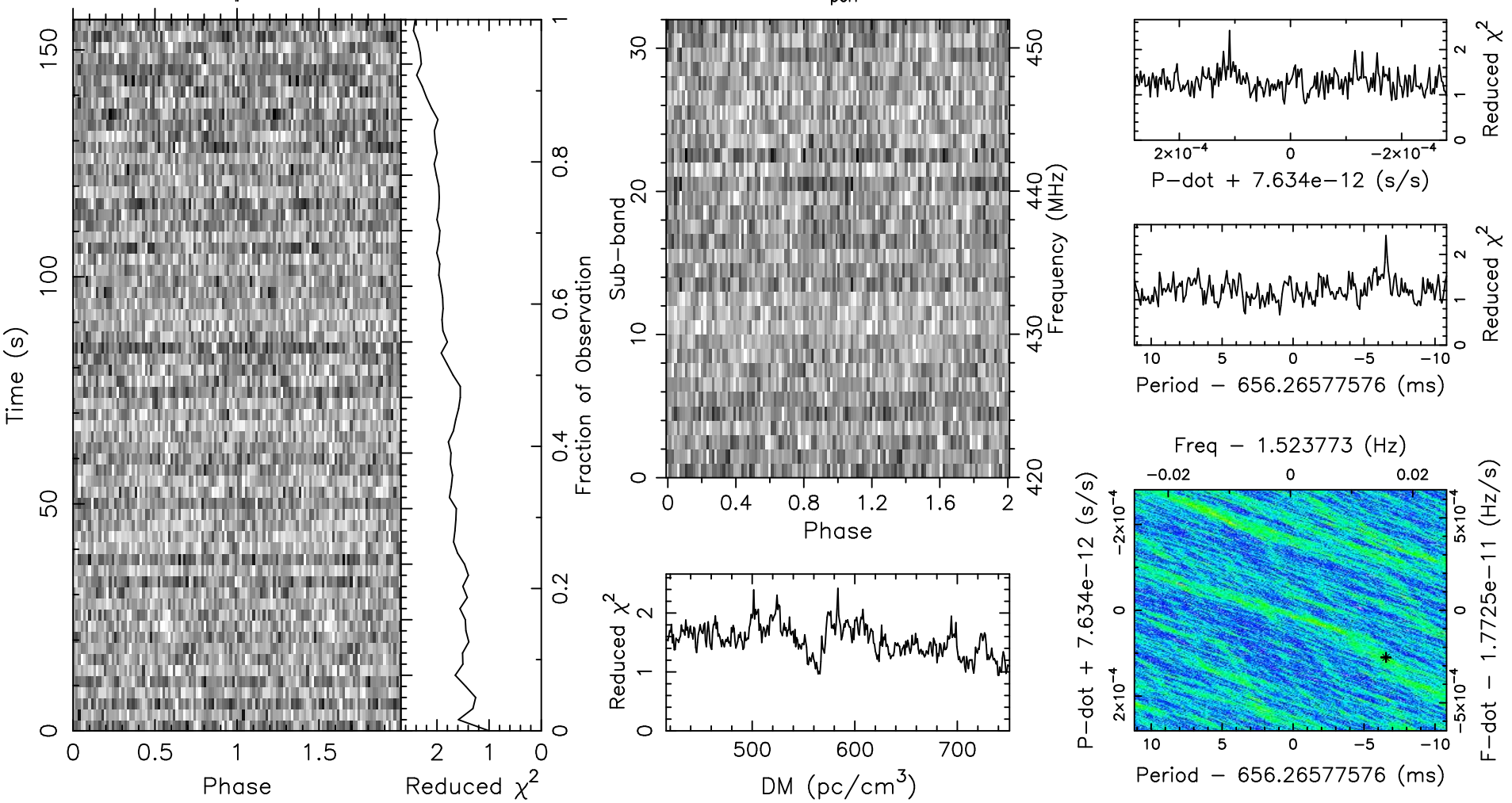
RA_{J2000} = 17:14:43.1900 DEC_{J2000} = −35:06:00.0000

Best Fit Parameters

DOF_{eff} = 60.42 χ^2_{red} = 2.419 P(Noise) < 2.28e−09 (5.9σ)
Dispersion Measure (DM; pc/cm^3) = 583.460
P_{topo} (ms) = 649.717(17) P_{bary} (ms) = 649.750(17)
P'_{topo} (s/s) = 0.00010966(83) P'_{bary} (s/s) = 0.00010966(83)
P''_{topo} (s/s^2) = 0.0(3.4)x10^{-8} P''_{bary} (s/s^2) = 3.7(3.4)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_16.fil

pulsar 6−Feb−2024 19:36