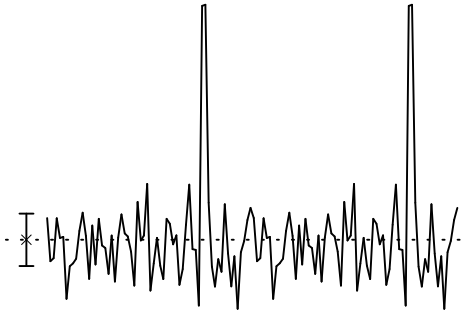
2 Pulses of Best Profile



Candidate: 41.03ms_Cand
Telescope: Arecibo
$Epoch_{topo}$ = 57140.35609580803
$Epoch_{bary}$ = 57140.35865960507
T_{sample} = 8.192e−05
Data Folded = 524288
Data Avg = 3.831e+04
Data StdDev = 394.4
Profile Bins = 64
Profile Avg = 3.136e+08
Profile StdDev = 3.57e+04

Search Information

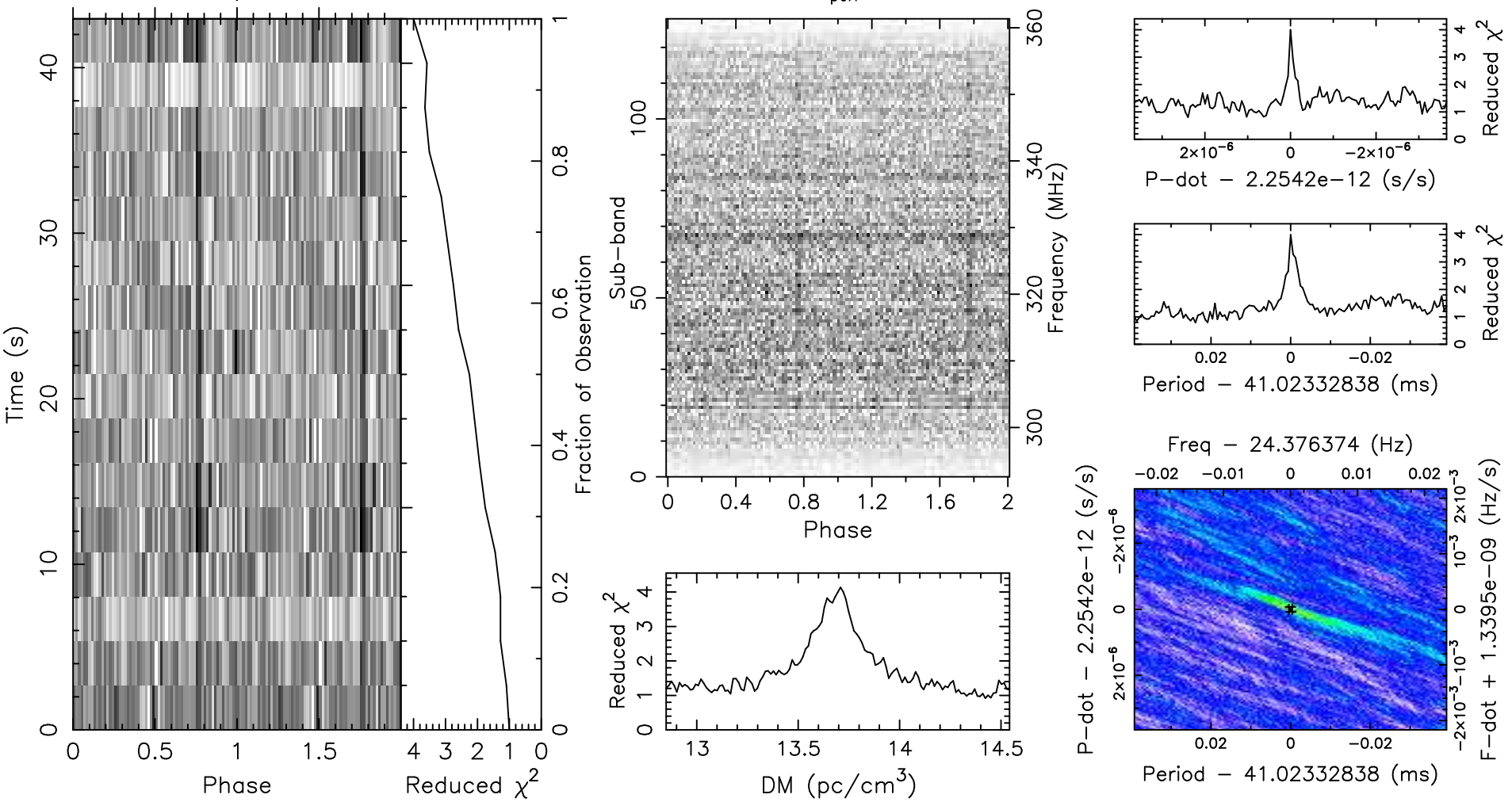
RA_{J2000} = 18:29:32.6400 DEC_{J2000} = 25:00:14.0400

Folding Parameters

DOF_{eff} = 59.68 χ^2_{red} = 3.999 P(Noise) < 2.99e−23 (9.9σ)
Dispersion Measure (DM; pc/cm^3) = 13.696
P_{topo} (ms) = 41.02333(40) P_{bary} (ms) = 41.02574(40)
P'_{topo} (s/s) = 0.0(7.3)x10^{-8} P'_{bary} (s/s) = 0.0(7.3)x10^{-8}
P''_{topo} (s/s^2) = 0.0(1.1)x10^{-8} P''_{bary} (s/s^2) = 0.0(1.1)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



4bit_puppi_57140_Strip17_1112.0001.D182932+2500.0001.fits

jdeneva 10−Aug−2022 16:09