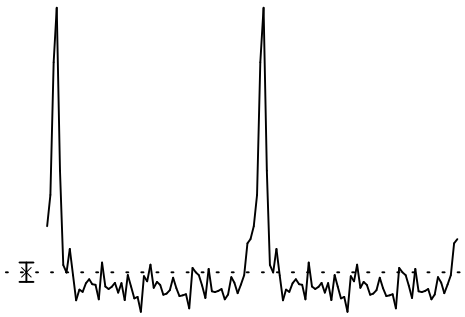
2 Pulses of Best Profile



Search Information

Candidate: 37.89ms_Cand
Telescope: Arecibo
$Epoch_{topo}$ = 58314.02320929600
$Epoch_{bary}$ = 58314.02622211370
T_{sample} = 8.192e−05
Data Folded = 655360
Data Avg = 4.177e+04
Data StdDev = 430.6
Profile Bins = 64
Profile Avg = 4.275e+08
Profile StdDev = 4.357e+04

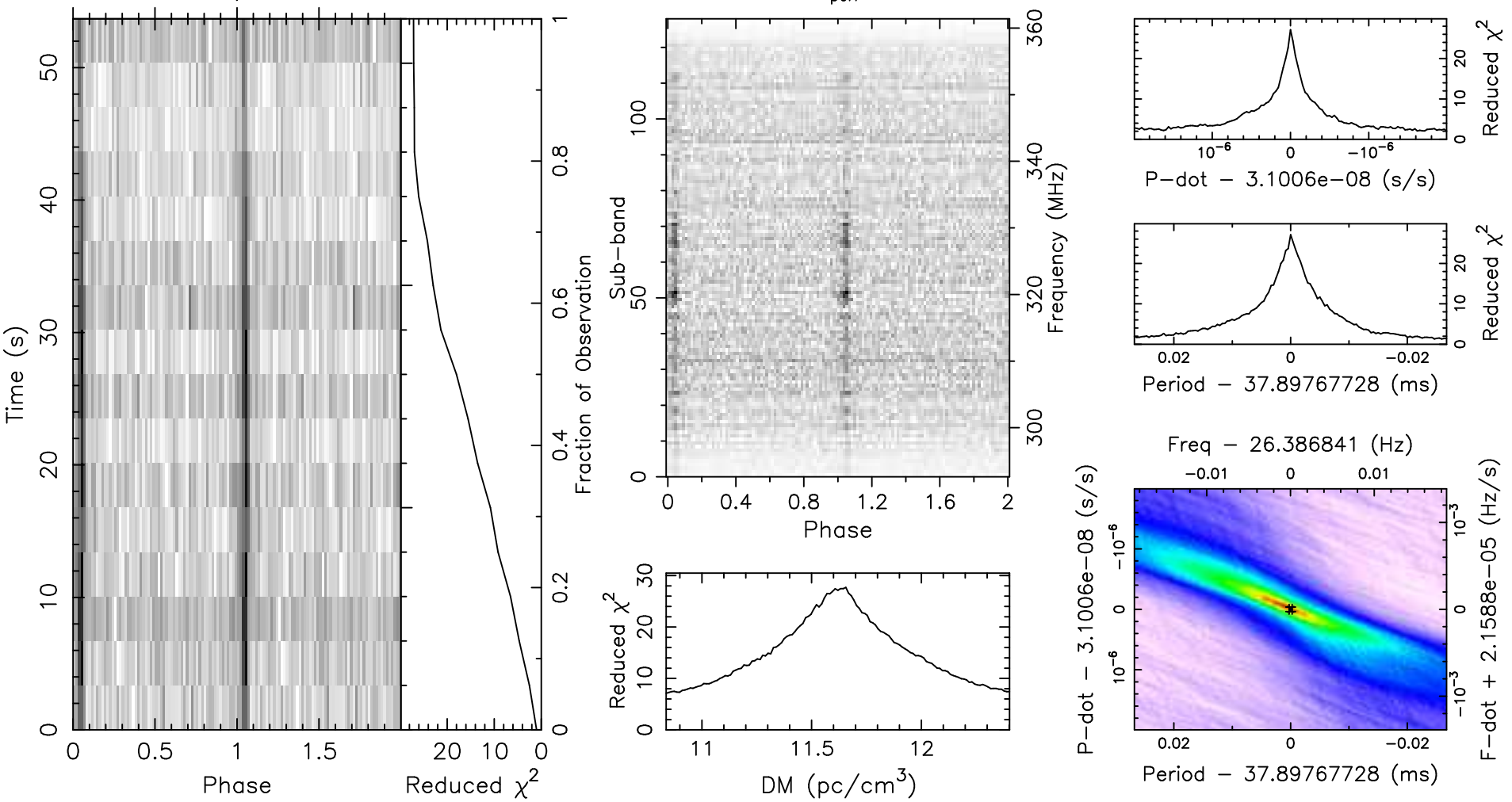
RA_{J2000} = 15:37:17.5200 DEC_{J2000} = 11:58:48.0000

Folding Parameters

DOF_{eff} = 59.56 χ^2_{red} = 27.125 P(Noise) < 1.78e−298 (36.9σ)
Dispersion Measure (DM; pc/cm^3) = 11.619
P_{topo} (ms) = 37.89768(27) P_{bary} (ms) = 37.89481(27)
P'_{topo} (s/s) = 3.1(3.8)x10^{-8} P'_{bary} (s/s) = 3.1(3.8)x10^{-8}
P''_{topo} (s/s^2) = 0.0(4.6)x10^{-9} P''_{bary} (s/s^2) = 0.0(4.6)x10^{-9}

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_58313_Strip33_0515.0001.D153717+1158.0001.fits

jdeneva 29−Sep−2022 13:05