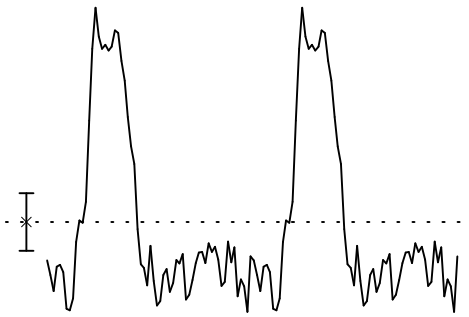
2 Pulses of Best Profile



Search Information

Candidate: 3.48ms_Cand
Telescope: Arecibo
$Epoch_{topo}$ = 58362.56987856320
$Epoch_{bary}$ = 58362.56640973852
T_{sample} = 8.192e−05
Data Folded = 655360
Data Avg = 4.043e+04
Data StdDev = 416.8
Profile Bins = 64
Profile Avg = 4.14e+08
Profile StdDev = 4.218e+04

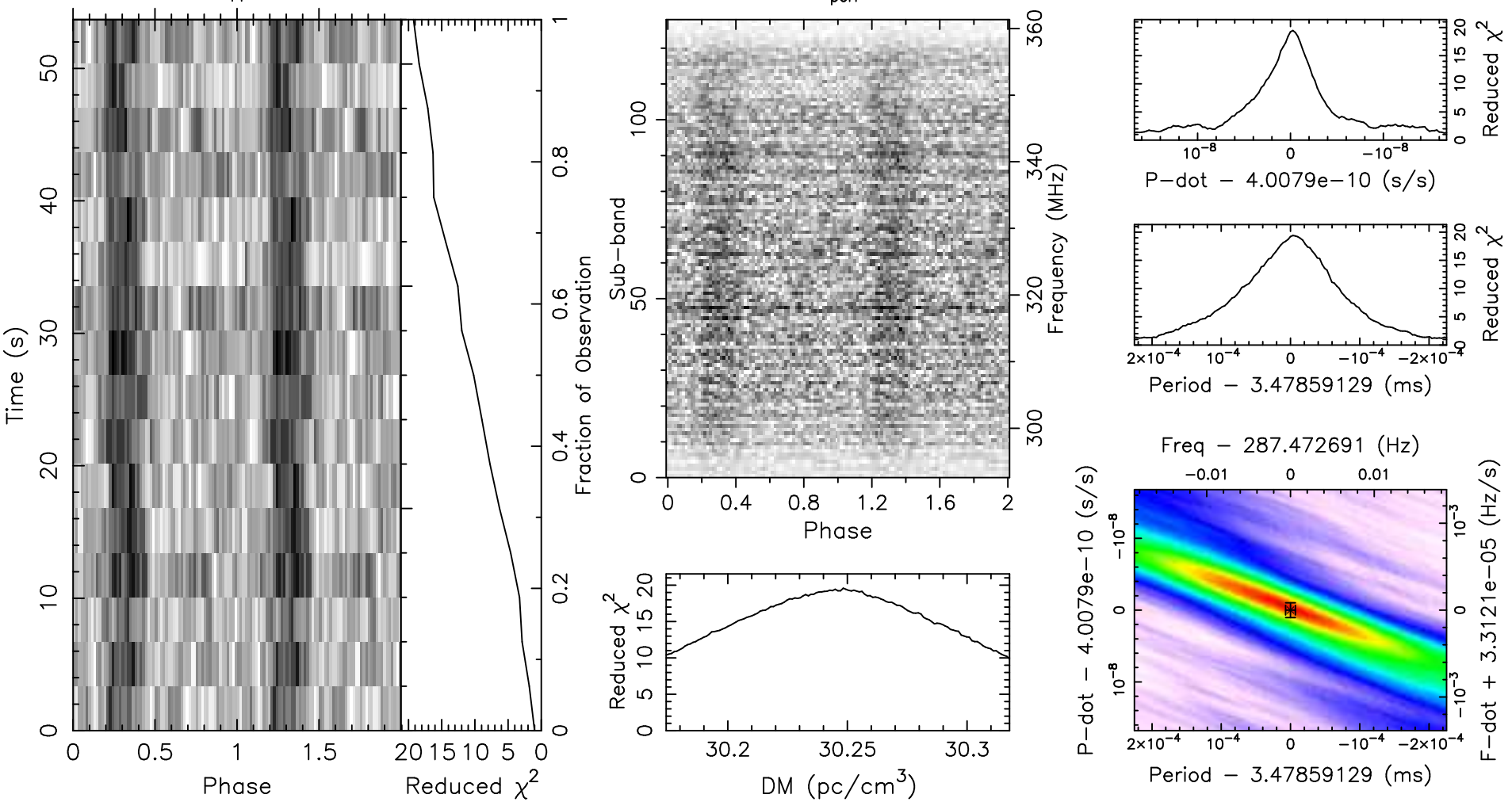
RA_{J2000} = 07:51:16.3200 DEC_{J2000} = 18:06:51.1200

Folding Parameters

DOF_{eff} = 32.34 χ^2_{red} = 19.232 P(Noise) < 2.93e−110 (22.3σ)
Dispersion Measure (DM; pc/cm^3) = 30.246
P_{topo} (ms) = 3.4785913(71) P_{bary} (ms) = 3.4788256(71)
P'_{topo} (s/s) = 0.4(1.0)x10^{-9} P'_{bary} (s/s) = 0.4(1.0)x10^{-9}
P''_{topo} (s/s^2) = 0.0(1.2)x10^{-10} P''_{bary} (s/s^2) = 0.0(1.2)x10^{-10}

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_58362_Strip8_0407.0001.D075116+1806.0001.fits

jdeneva 8−Aug−2022 16:48