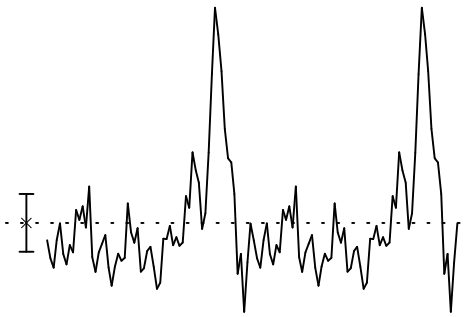
2 Pulses of Best Profile



Search Information

Candidate: 5.85ms_Cand
Telescope: Arecibo
$Epoch_{topo}$ = 57078.49049909120
$Epoch_{bary}$ = 57078.48970851750
T_{sample} = 8.192e−05
Data Folded = 524288
Data Avg = 5.861e+04
Data StdDev = 589.4
Profile Bins = 64
Profile Avg = 4.801e+08
Profile StdDev = 5.335e+04

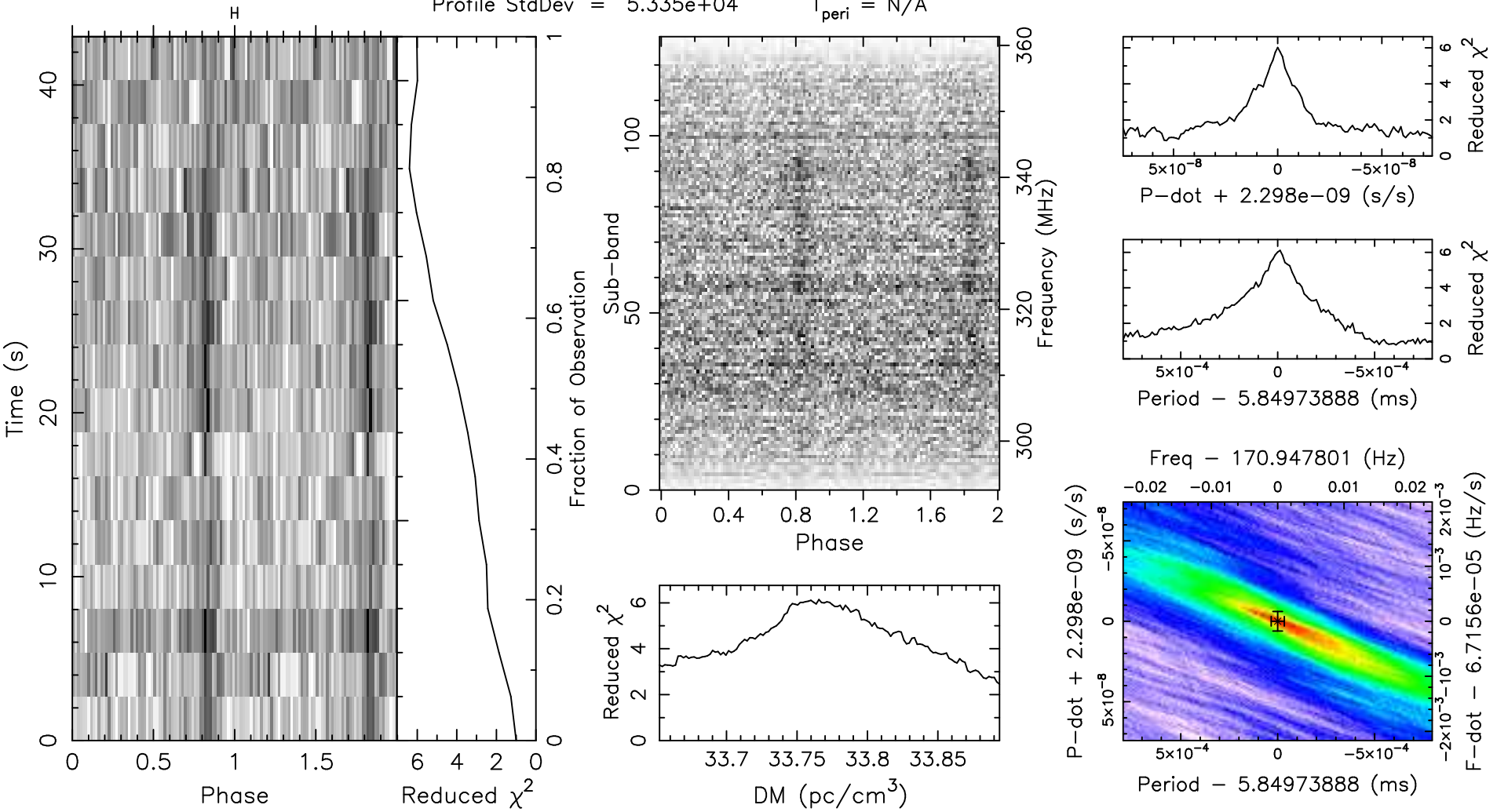
RA_{J2000} = 17:38:52.8252 DEC_{J2000} = 03:25:17.6271

Folding Parameters

DOF_{eff} = 43.40 χ^2_{red} = 6.016 P(Noise) < 7.29e−33 (11.9σ)
Dispersion Measure (DM; pc/cm^3) = 33.773
P_{topo} (ms) = 5.849739(34) P_{bary} (ms) = 5.850236(34)
P'_{topo} (s/s) = $-2.3(6.1)\times10^{-9}$ P'_{bary} (s/s) = $-2.3(6.1)\times10^{-9}$
P''_{topo} (s/s^2) = $0.0(9.2)\times10^{-10}$ P''_{bary} (s/s^2) = $0.0(9.2)\times10^{-10}$

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_57078_Strip114_0036.0001.D173852+0325.0001.fits

jdeneva 10−Aug−2022 13:44