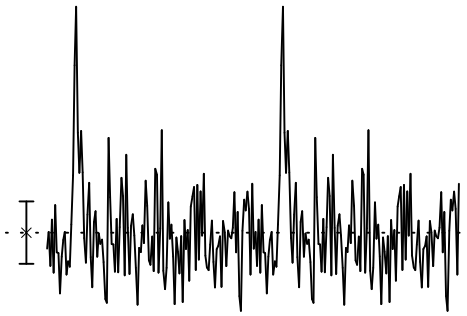
2 Pulses of Best Profile



Search Information

Candidate: 596.39ms_Cand
Telescope: Arecibo
$Epoch_{topo}$ = 58638.43085434371
$Epoch_{bary}$ = 58638.43113326845
T_{sample} = 8.192e−05
Data Folded = 655360
Data Avg = 3.987e+04
Data StdDev = 407.8
Profile Bins = 128
Profile Avg = 2.019e+08
Profile StdDev = 2.918e+04

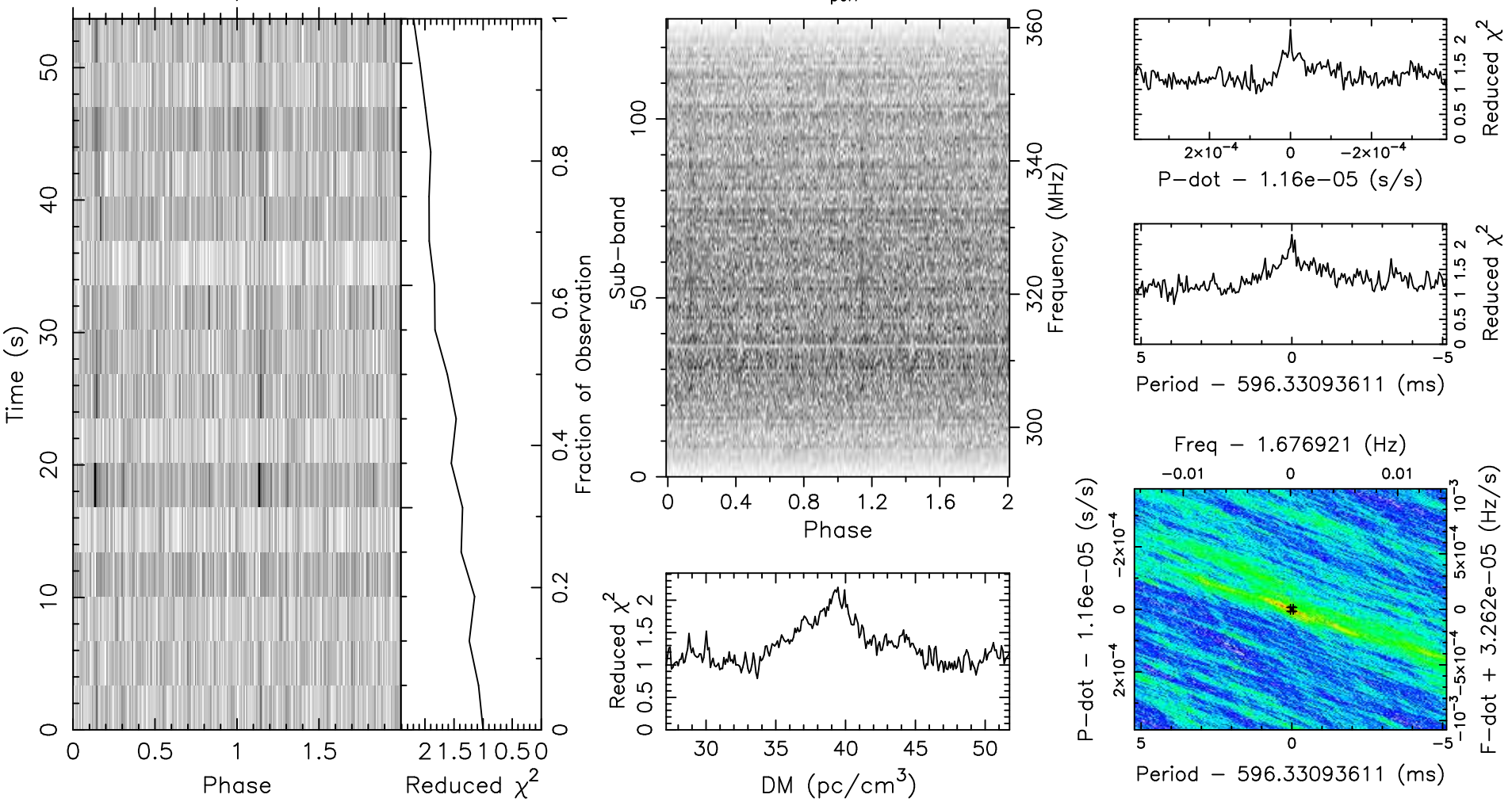
RA_{J2000} = 22:43:14.6400 DEC_{J2000} = 15:11:07.0800

Folding Parameters

DOF_{eff} = 127.00 χ^2_{red} = 2.196 P(Noise) < 2.11e−13 (7.2σ)
Dispersion Measure (DM; pc/cm^3) = 39.445
P_{topo} (ms) = 596.331(44) P_{bary} (ms) = 596.385(44)
P'_{topo} (s/s) = 1.16(63)x10^{-5} P'_{bary} (s/s) = 1.16(63)x10^{-5}
P''_{topo} (s/s^2) = 0.0(7.6)x10^{-7} P''_{bary} (s/s^2) = 0.0(7.6)x10^{-7}

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_58638_Strip55_0036.0001.D224314+1511.0001.fits

jdeneva 15−Aug−2022 15:21