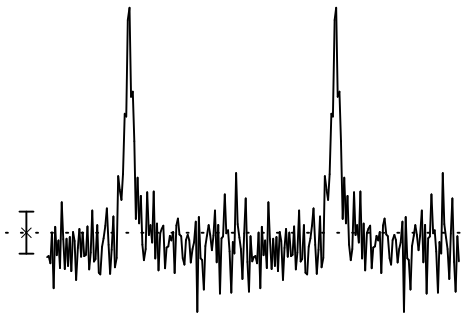
2 Pulses of Best Profile



Search Information

Candidate: 593.74ms_Cand
Telescope: Arecibo
$Epoch_{topo}$ = 58236.49531897286
$Epoch_{bary}$ = 58236.49357522414
T_{sample} = 8.192e−05
Data Folded = 655360
Data Avg = 3.674e+04
Data StdDev = 378
Profile Bins = 128
Profile Avg = 1.872e+08
Profile StdDev = 2.705e+04

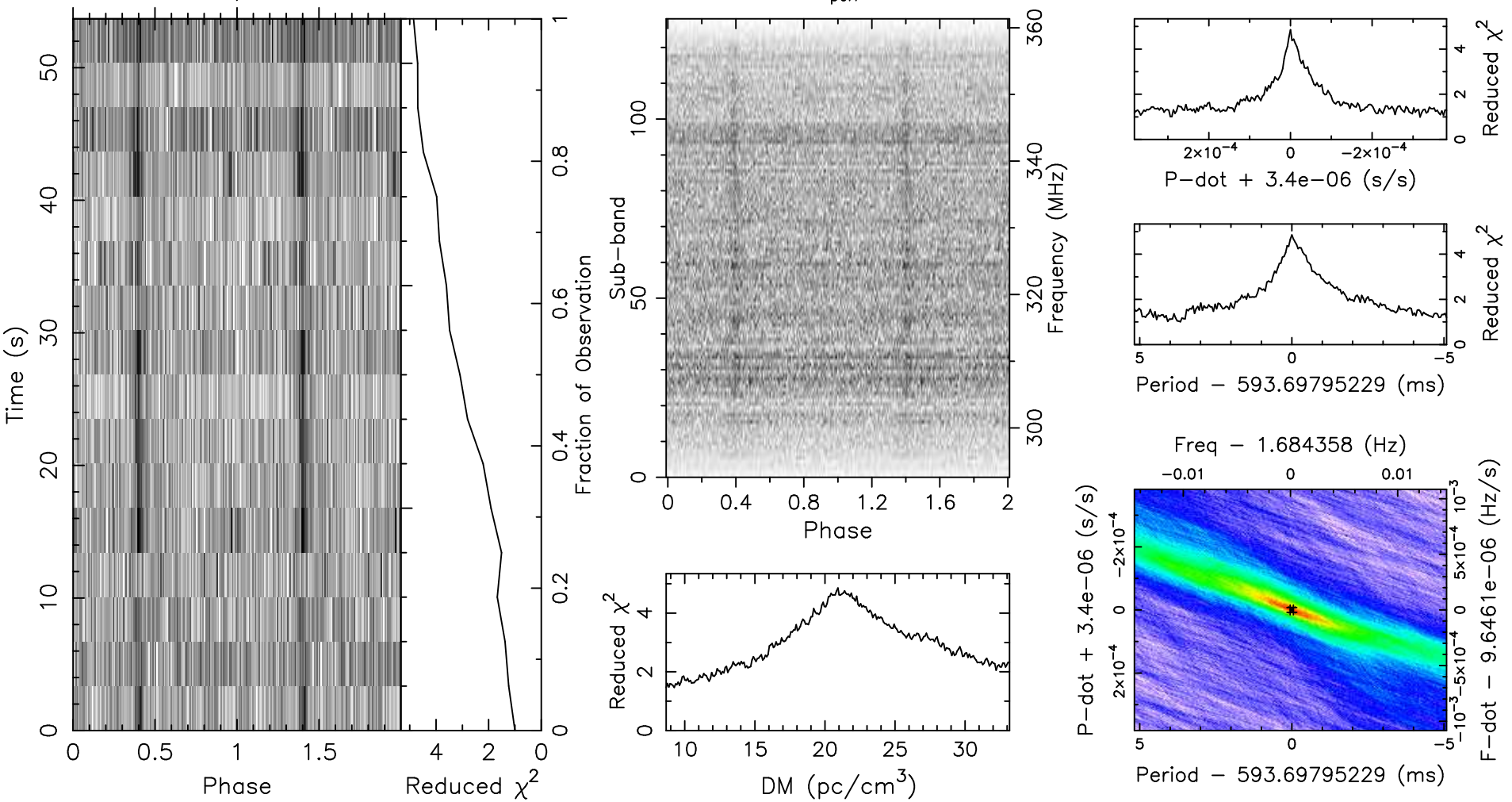
RA_{J2000} = 21:51:31.9200 DEC_{J2000} = 23:13:53.7600

Folding Parameters

DOF_{eff} = 121.87 χ^2_{red} = 4.853 P(Noise) < 8.82e−63 (16.7σ)
Dispersion Measure (DM; pc/cm^3) = 20.921
P_{topo} (ms) = 593.698(52) P_{bary} (ms) = 593.739(52)
P'_{topo} (s/s) = $-3.4(7.5)\times10^{-6}$ P'_{bary} (s/s) = $-3.4(7.5)\times10^{-6}$
P''_{topo} (s/s^2) = $0.0(9.1)\times10^{-7}$ P''_{bary} (s/s^2) = $0.0(9.1)\times10^{-7}$

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_58236_Strip68_0515.0001.D215131+2313.0001.fits

jdeneva 15−Aug−2022 14:43