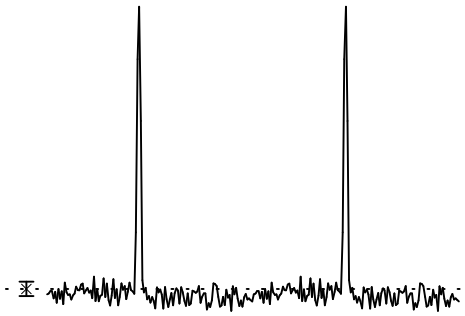
2 Pulses of Best Profile



Search Information

Candidate: 532.97ms_Cand
Telescope: Arecibo
$Epoch_{topo}$ = 57523.92464876371
$Epoch_{bary}$ = 57523.92494199264
$T_{sample}$ = 8.192e−05
Data Folded = 655360
Data Avg = 4.075e+04
Data StdDev = 420.4
Profile Bins = 128
Profile Avg = 2.071e+08
Profile StdDev = 3.008e+04

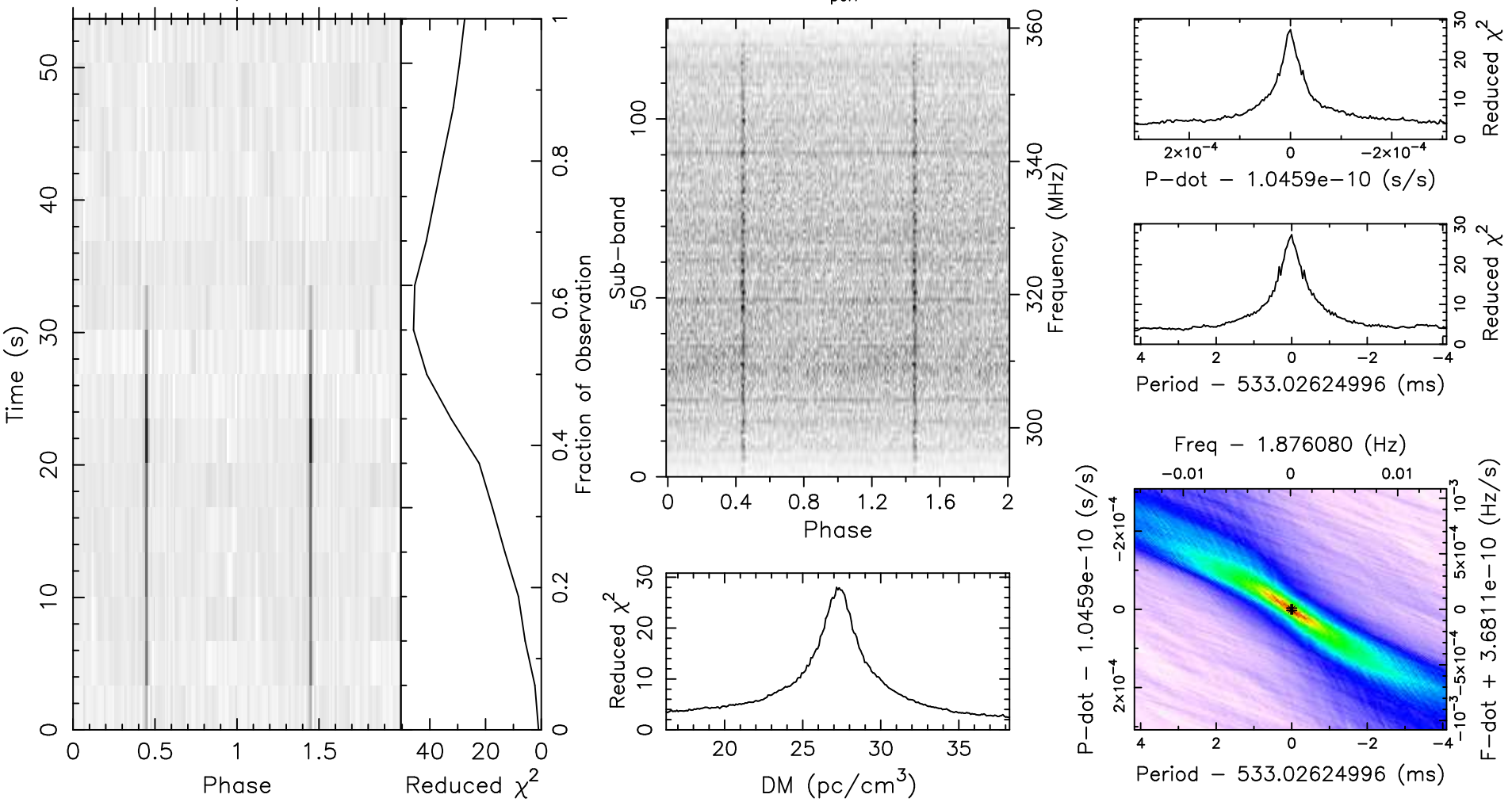
$RA_{J2000}$ = 09:43:33.1200 $DEC_{J2000}$ = 22:50:12.1200

Folding Parameters

$DOF_{eff}$ = 121.86 $\chi^2_{red}$ = 27.510 P(Noise) ~ 0 (53.2σ)
Dispersion Measure (DM; pc/cm$^3$) = 27.251
$P_{topo}$ (ms) = 533.026(22) $P_{bary}$ (ms) = 532.975(22)
$P'_{topo}$ (s/s) = 0.0(3.1)x10$^{-6}$ $P'_{bary}$ (s/s) = 0.0(3.1)x10$^{-6}$
$P''_{topo}$ (s/s$^2$) = 0.0(3.8)x10$^{-7}$ $P''_{bary}$ (s/s$^2$) = 0.0(3.8)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_57523_Strip71_0172.0001.D094333+2250.0001.fits

jdeneva 3−Aug−2022 13:09