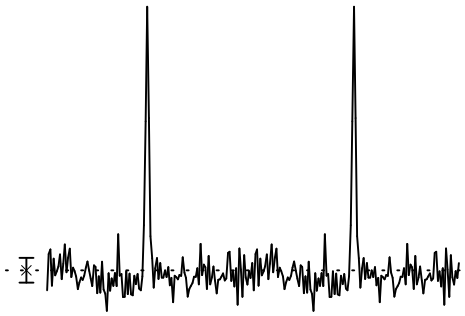
2 Pulses of Best Profile



Search Information

Candidate: 1058.20ms_Cand
Telescope: Arecibo
$Epoch_{topo}$ = 58616.28121590373
$Epoch_{bary}$ = 58616.28514140873
$T_{sample}$ = 8.192e−05
Data Folded = 655360
Data Avg = 4.388e+04
Data StdDev = 449.6
Profile Bins = 128
Profile Avg = 2.214e+08
Profile StdDev = 3.217e+04

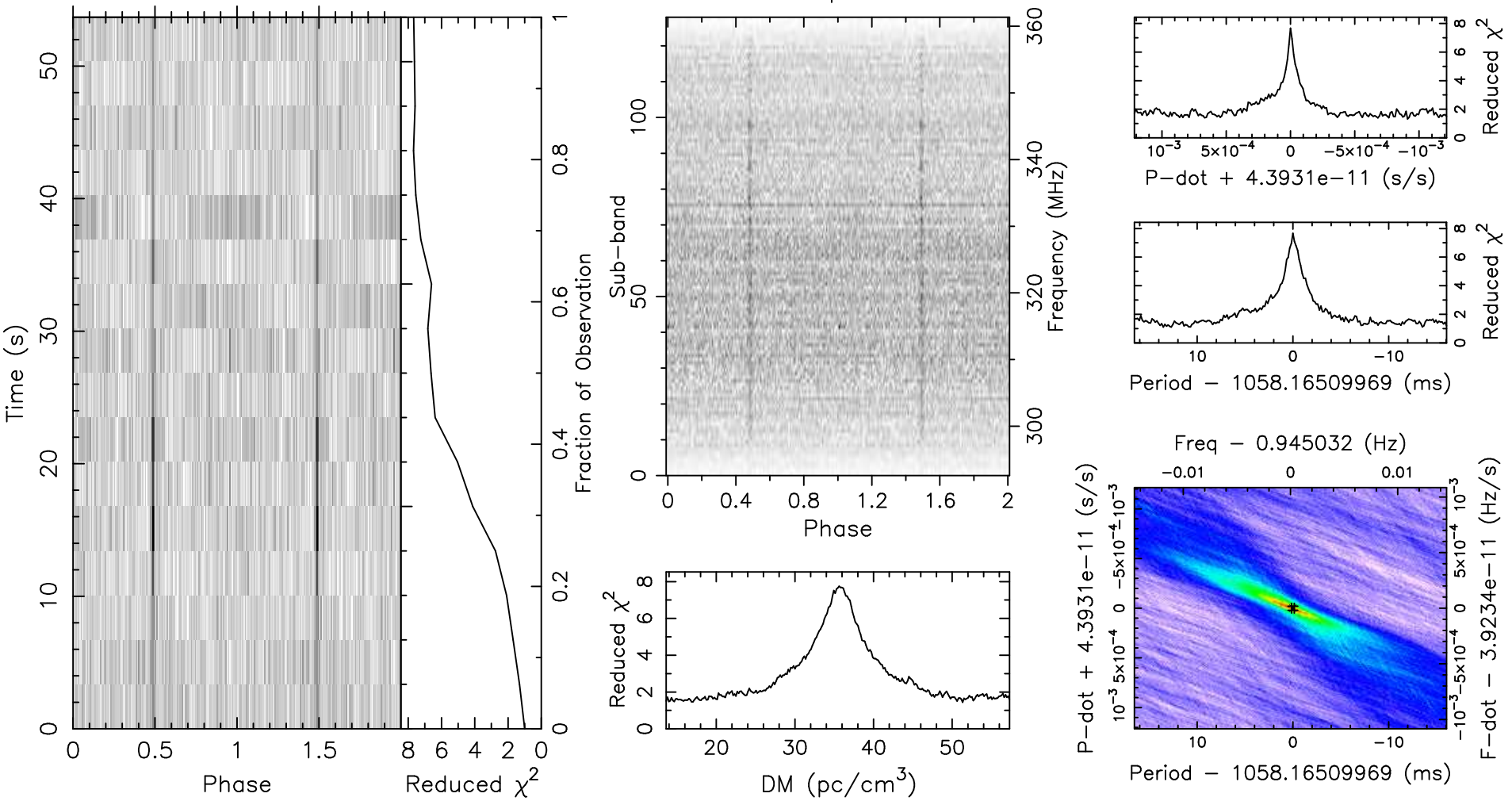
$RA_{J2000}$ = 17:40:35.7600 $DEC_{J2000}$ = 27:19:27.4800

Folding Parameters

$DOF_{eff}$ = 121.90 $\chi^2_{red}$ = 7.669 P(Noise) < 1.84e−125 (23.8σ)
Dispersion Measure (DM; pc/cm$^3$) = 35.460
$P_{topo}$ (ms) = 1058.17(14) $P_{bary}$ (ms) = 1058.20(14)
$P'_{topo}$ (s/s) = 0.0(2.1)x10$^{-5}$ $P'_{bary}$ (s/s) = 0.0(2.1)x10$^{-5}$
$P''_{topo}$ (s/s$^2$) = 0.0(2.5)x10$^{-6}$ $P''_{bary}$ (s/s$^2$) = 0.0(2.5)x10$^{-6}$

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_58616_Strip27_0615.0001.D174035+2719.0001.fits

jdeneva 3−Aug−2022 13:23