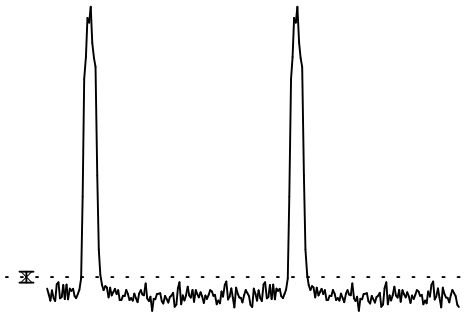
2 Pulses of Best Profile



Search Information

Candidate: 490.86ms_Cand
Telescope: Arecibo
$Epoch_{topo}$ = 58686.03941503763
$Epoch_{bary}$ = 58686.04280483037
$T_{sample}$ = 8.192e−05
Data Folded = 655360
Data Avg = 5.086e+04
Data StdDev = 522.5
Profile Bins = 128
Profile Avg = 2.595e+08
Profile StdDev = 3.739e+04

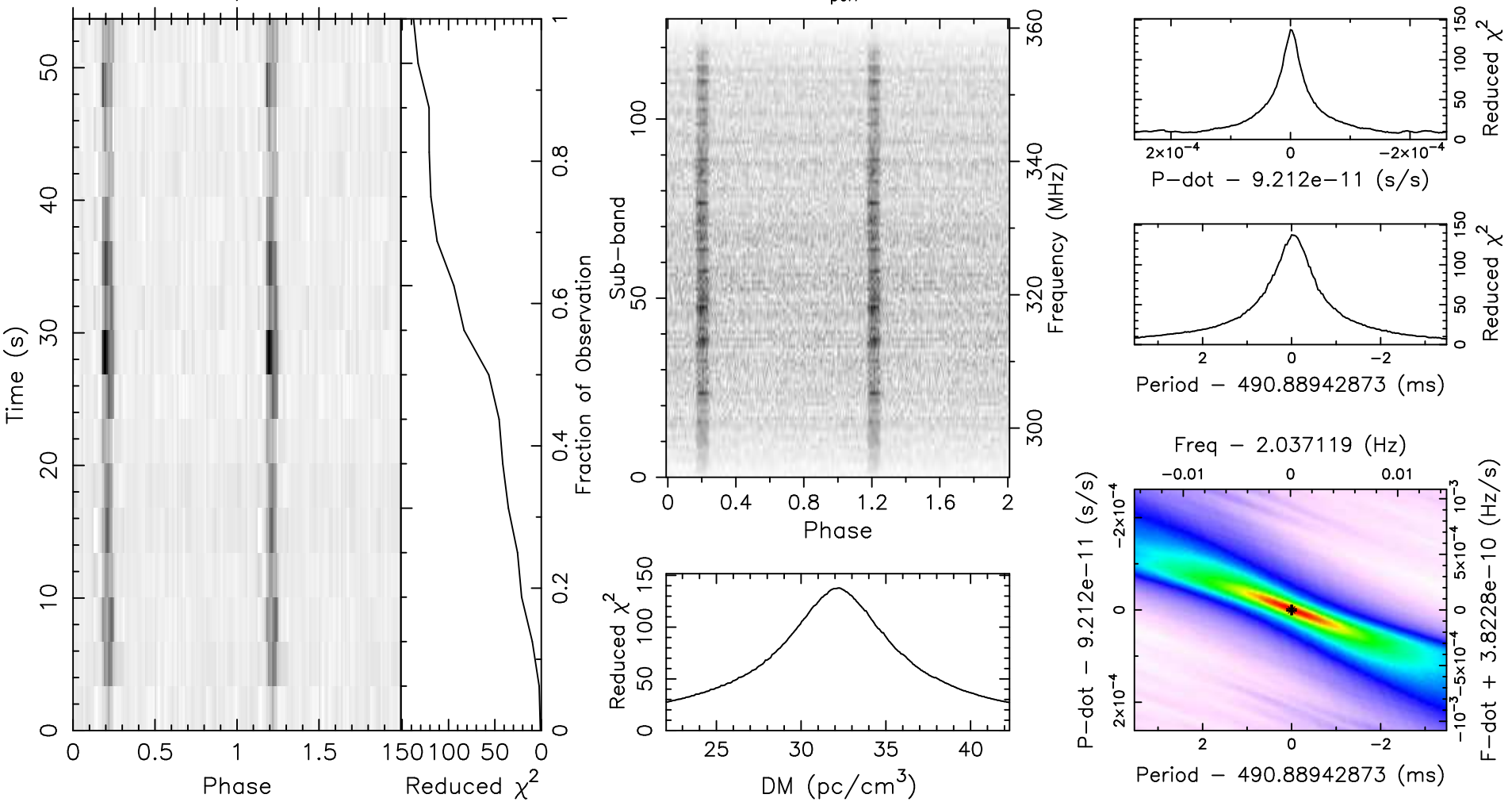
$RA_{J2000}$ = 16:27:19.2000 $DEC_{J2000}$ = 14:17:35.1600

Folding Parameters

$DOF_{eff}$ = 121.86 $\chi^2_{red}$ = 137.596 P(Noise) ~ 0 (126.7σ)
Dispersion Measure (DM; pc/cm$^3$) = 32.167
$P_{topo}$ (ms) = 490.889(14) $P_{bary}$ (ms) = 490.857(14)
$P'_{topo}$ (s/s) = 0.0(2.1)x10$^{-6}$ $P'_{bary}$ (s/s) = 0.0(2.1)x10$^{-6}$
$P''_{topo}$ (s/s$^2$) = 0.0(2.5)x10$^{-7}$ $P''_{bary}$ (s/s$^2$) = 0.0(2.5)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_58686_Strip59_0321.0001.D162719+1417.0001.fits

jdeneva 3−Aug−2022 13:15