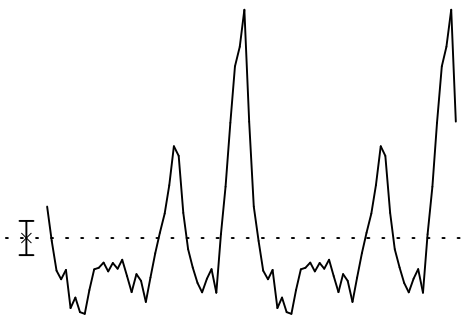
2 Pulses of Best Profile



Search Information

Candidate: 3.63ms_Cand
Telescope: Arecibo
$Epoch_{topo}$ = 59069.24550901553
$Epoch_{bary}$ = 59069.25118830593
$T_{sample}$ = 8.192e−05
Data Folded = 655360
Data Avg = 4.177e+04
Data StdDev = 431.7
Profile Bins = 44
Profile Avg = 6.221e+08
Profile StdDev = 5.269e+04

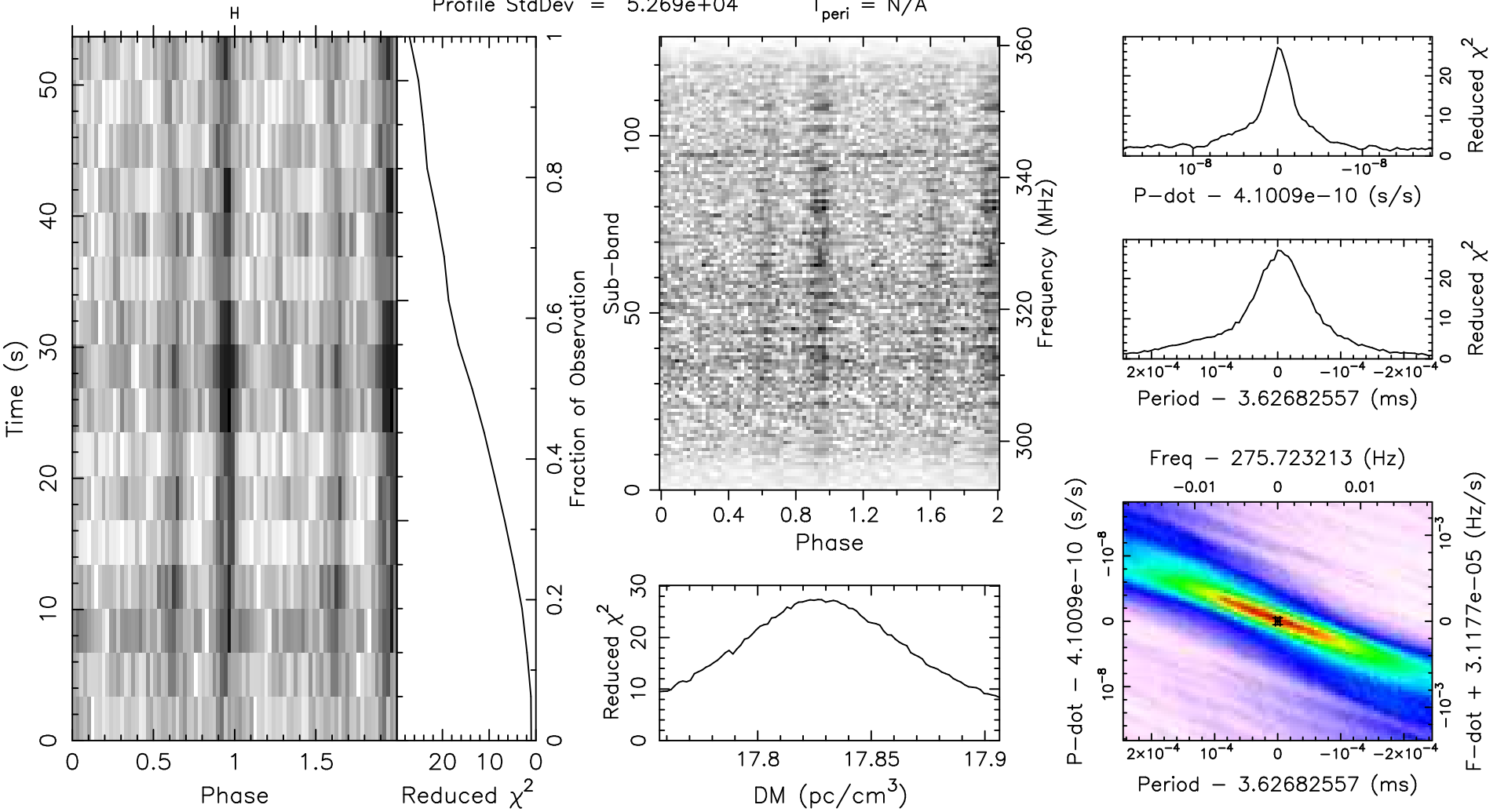
$RA_{J2000}$ = 22:34:46.8000 $DEC_{J2000}$ = 09:44:51.0720

Folding Parameters

$DOF_{eff}$ = 28.21 $\chi^2_{red}$ = 27.063 P(Noise) < 1.43e−142 (25.4σ)
Dispersion Measure (DM; pc/cm$^3$) = 17.832
$P_{topo}$ (ms) = 3.6268256(37) $P_{bary}$ (ms) = 3.6269833(37)
$P'_{topo}$ (s/s) = 4.1(5.4)x10$^{-10}$ $P'_{bary}$ (s/s) = 4.1(5.4)x10$^{-10}$
$P''_{topo}$ (s/s$^2$) = 0.0(6.5)x10$^{-11}$ $P''_{bary}$ (s/s$^2$) = 0.0(6.5)x10$^{-11}$

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_59069_Strip42_1109.0001.D223446+0944.0001.fits

jdeneva 15−Aug−2022 15:09