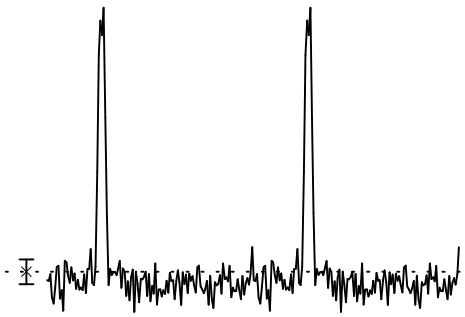
2 Pulses of Best Profile



Search Information

Candidate: 59.77ms_Cand
Telescope: Arecibo
$Epoch_{topo}$ = 58638.42568913600
$Epoch_{bary}$ = 58638.42614422928
T_{sample} = 8.192e−05
Data Folded = 655360
Data Avg = 3.915e+04
Data StdDev = 401.8
Profile Bins = 128
Profile Avg = 2.004e+08
Profile StdDev = 2.875e+04

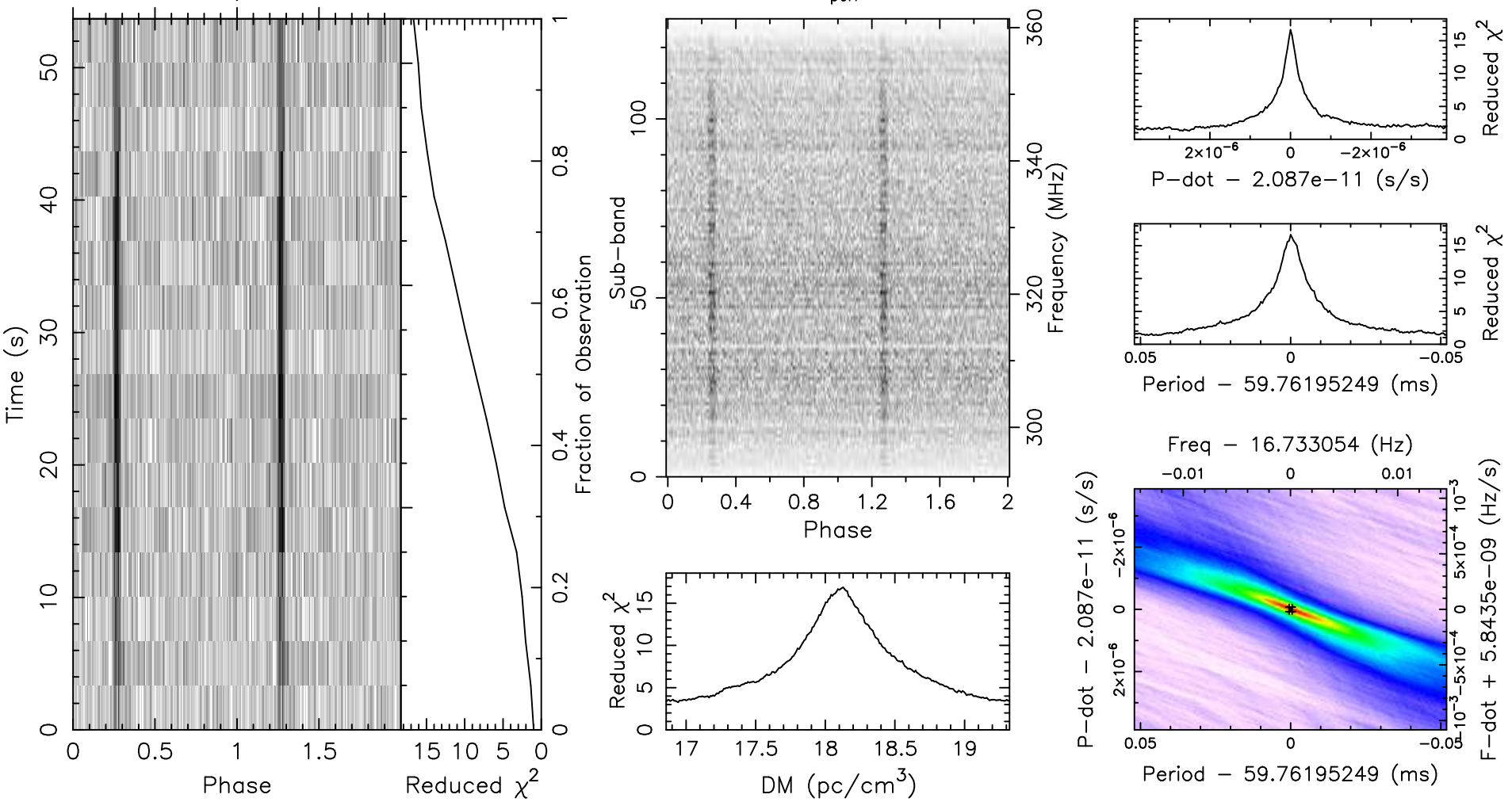
RA_{J2000} = 22:35:47.5200 DEC_{J2000} = 15:11:11.4000

Folding Parameters

DOF_{eff} = 119.10 χ^2_{red} = 16.675 P(Noise) ~ 0 (39.2σ)
Dispersion Measure (DM; pc/cm^3) = 18.090
P_{topo} (ms) = 59.76195(50) P_{bary} (ms) = 59.76736(50)
P'_{topo} (s/s) = 0.0(7.2)x10^{-8} P'_{bary} (s/s) = 0.0(7.2)x10^{-8}
P''_{topo} (s/s^2) = 0.0(8.7)x10^{-9} P''_{bary} (s/s^2) = 0.0(8.7)x10^{-9}

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_58638_Strip55_0036.0001.D223547+1511.0001.fits

jdeneva 3−Aug−2022 14:06