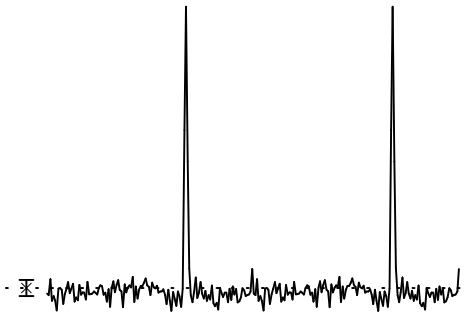
2 Pulses of Best Profile



Search Information

Candidate: 1609.02ms_Cand
Telescope: Arecibo
$Epoch_{topo}$ = 58284.36692716196
$Epoch_{bary}$ = 58284.36857556906
T_{sample} = 8.192e−05
Data Folded = 655360
Data Avg = 3.685e+04
Data StdDev = 377.9
Profile Bins = 128
Profile Avg = 1.866e+08
Profile StdDev = 2.704e+04

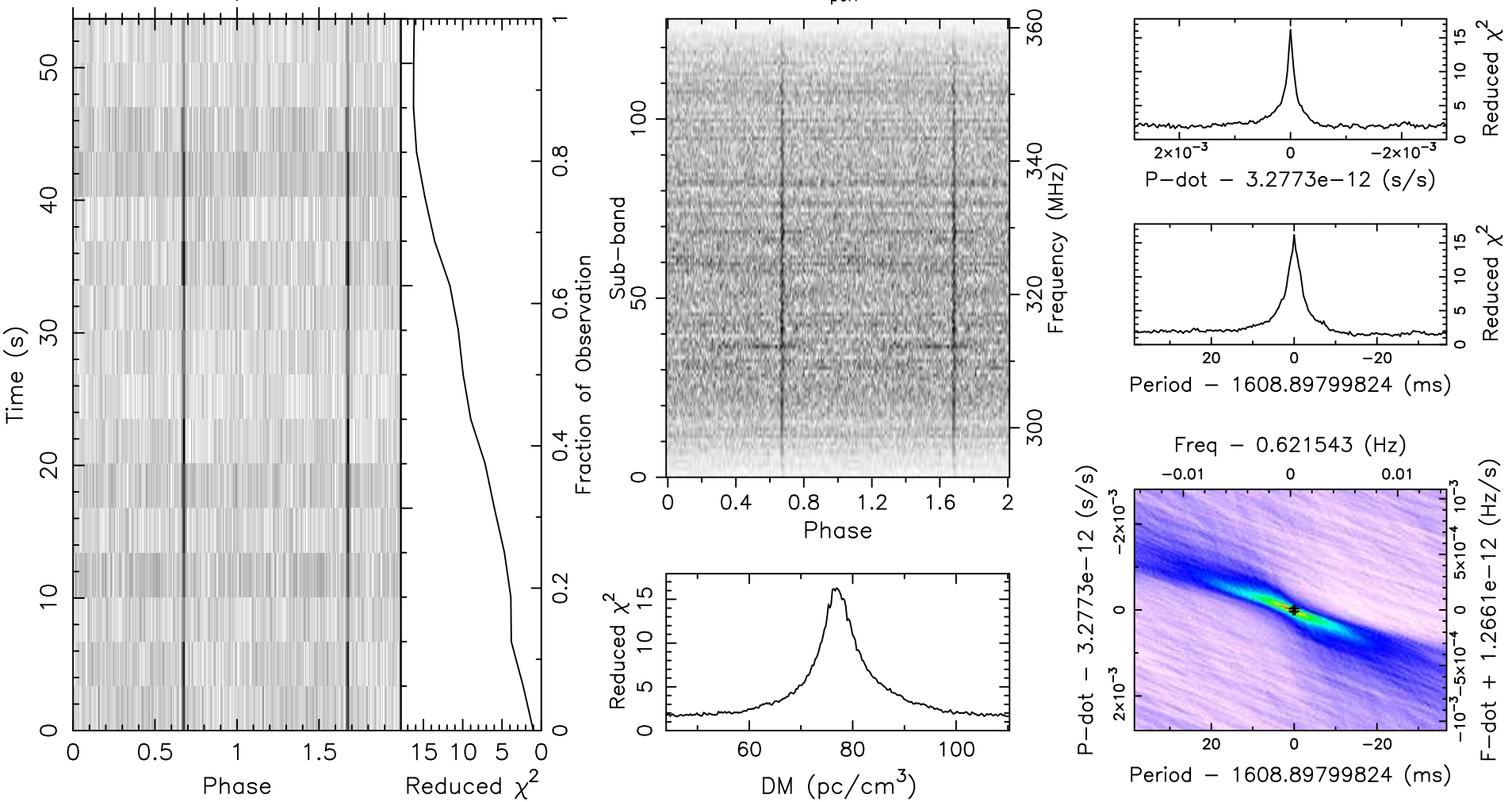
RA_{J2000} = 21:55:22.8000 DEC_{J2000} = 28:08:56.4000

Folding Parameters

DOF_{eff} = 121.91 χ^2_{red} = 16.178 P(Noise) ~ 0 (38.9σ)
Dispersion Measure (DM; pc/cm^3) = 77.131
P_{topo} (ms) = 1608.90(23) P_{bary} (ms) = 1609.02(23)
P'_{topo} (s/s) = 0.0(3.3)x10^{-5} P'_{bary} (s/s) = 0.0(3.3)x10^{-5}
P''_{topo} (s/s^2) = 0.0(4.0)x10^{-6} P''_{bary} (s/s^2) = 0.0(4.0)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_58284_Strip31_1664.0001.D215522+2808.0001.fits

jdeneva 3−Aug−2022 14:00