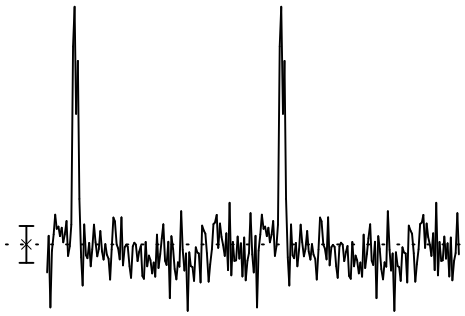
2 Pulses of Best Profile



Search Information

Candidate: 1544.71ms_Cand
Telescope: Arecibo
$Epoch_{topo}$ = 58361.35518993742
$Epoch_{bary}$ = 58361.35844284427
T_{sample} = 8.192e−05
Data Folded = 655360
Data Avg = 3.87e+04
Data StdDev = 396.3
Profile Bins = 128
Profile Avg = 1.938e+08
Profile StdDev = 2.835e+04

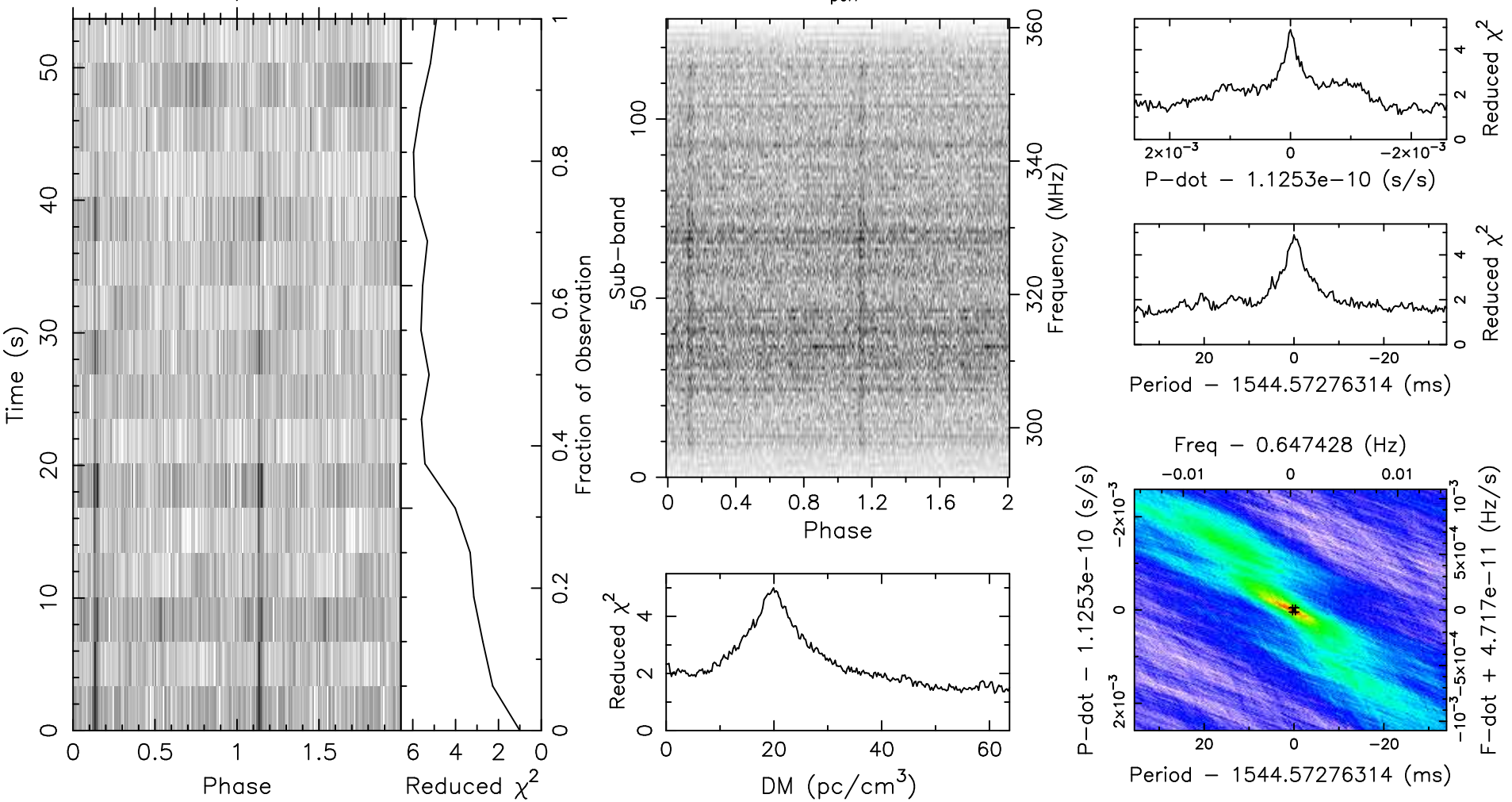
RA_{J2000} = 02:41:48.9360 DEC_{J2000} = 16:02:47.0400

Folding Parameters

DOF_{eff} = 121.91 χ^2_{red} = 4.893 P(Noise) < 1.25e−63 (16.8σ)
Dispersion Measure (DM; pc/cm^3) = 20.416
P_{topo} (ms) = 1544.57(32) P_{bary} (ms) = 1544.71(32)
P'_{topo} (s/s) = 0.0(4.6)x10^{-5} P'_{bary} (s/s) = 0.0(4.6)x10^{-5}
P''_{topo} (s/s^2) = 0.0(5.5)x10^{-6} P''_{bary} (s/s^2) = 0.0(5.5)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_58361_Strip52_0392.0001.D024148+1602.0001.fits

jdeneva 5−Aug−2022 17:01