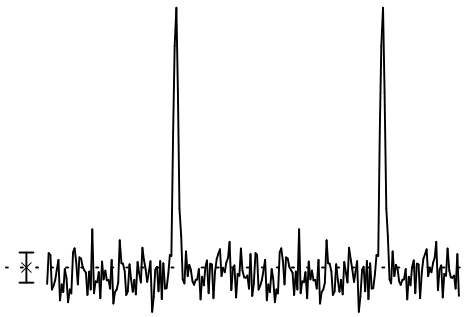
2 Pulses of Best Profile



Search Information

Candidate: 1271.20ms_Cand
Telescope: Arecibo
$Epoch_{topo}$ = 58059.89701176347
$Epoch_{bary}$ = 58059.89773650836
T_{sample} = 8.192e−05
Data Folded = 655360
Data Avg = 6.054e+04
Data StdDev = 616.6
Profile Bins = 128
Profile Avg = 3.083e+08
Profile StdDev = 4.412e+04

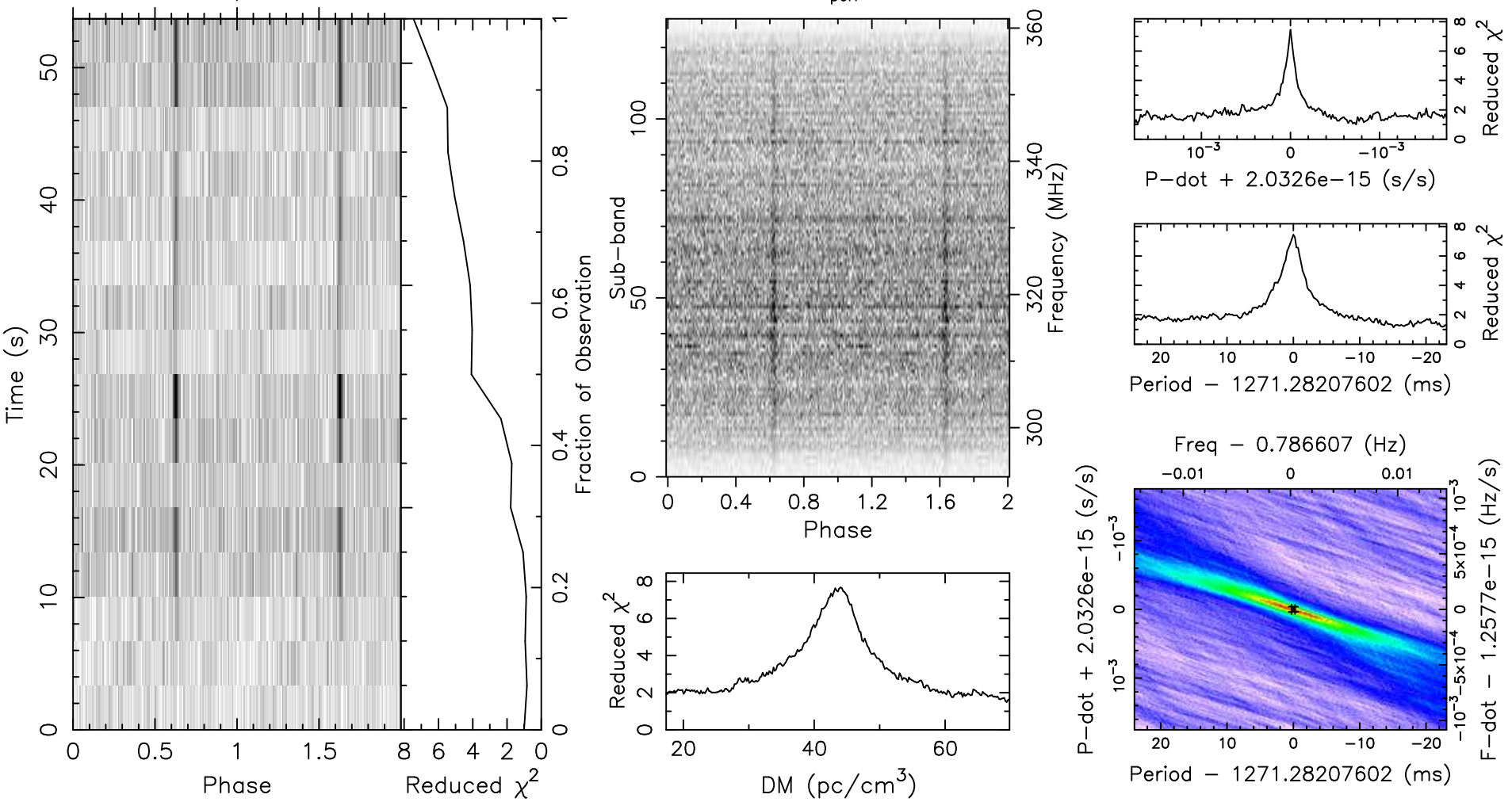
RA_{J2000} = 19:53:50.6400 DEC_{J2000} = 30:15:05.0400

Folding Parameters

DOF_{eff} = 121.91 χ^2_{red} = 7.449 P(Noise) < 2.16e−120 (23.3σ)
Dispersion Measure (DM; pc/cm^3) = 43.610
P_{topo} (ms) = 1271.28(26) P_{bary} (ms) = 1271.20(26)
P'_{topo} (s/s) = 0.0(3.8)x10^{-5} P'_{bary} (s/s) = 0.0(3.8)x10^{-5}
P''_{topo} (s/s^2) = 0.0(4.5)x10^{-6} P''_{bary} (s/s^2) = 0.0(4.5)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_58059_Strip208_0592.0001.D195350+3015.0001.fits

jdeneva 3−Aug−2022 13:46