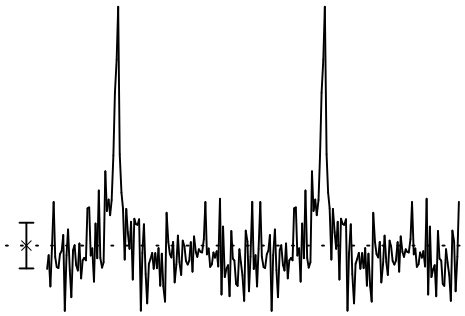
2 Pulses of Best Profile



Search Information

Candidate: 159.76ms_Cand
Telescope: Arecibo
$Epoch_{topo}$ = 58030.86064354889
$Epoch_{bary}$ = 58030.85980212349
T_{sample} = 8.192e−05
Data Folded = 655360
Data Avg = 3.64e+04
Data StdDev = 369.6
Profile Bins = 128
Profile Avg = 1.864e+08
Profile StdDev = 2.644e+04

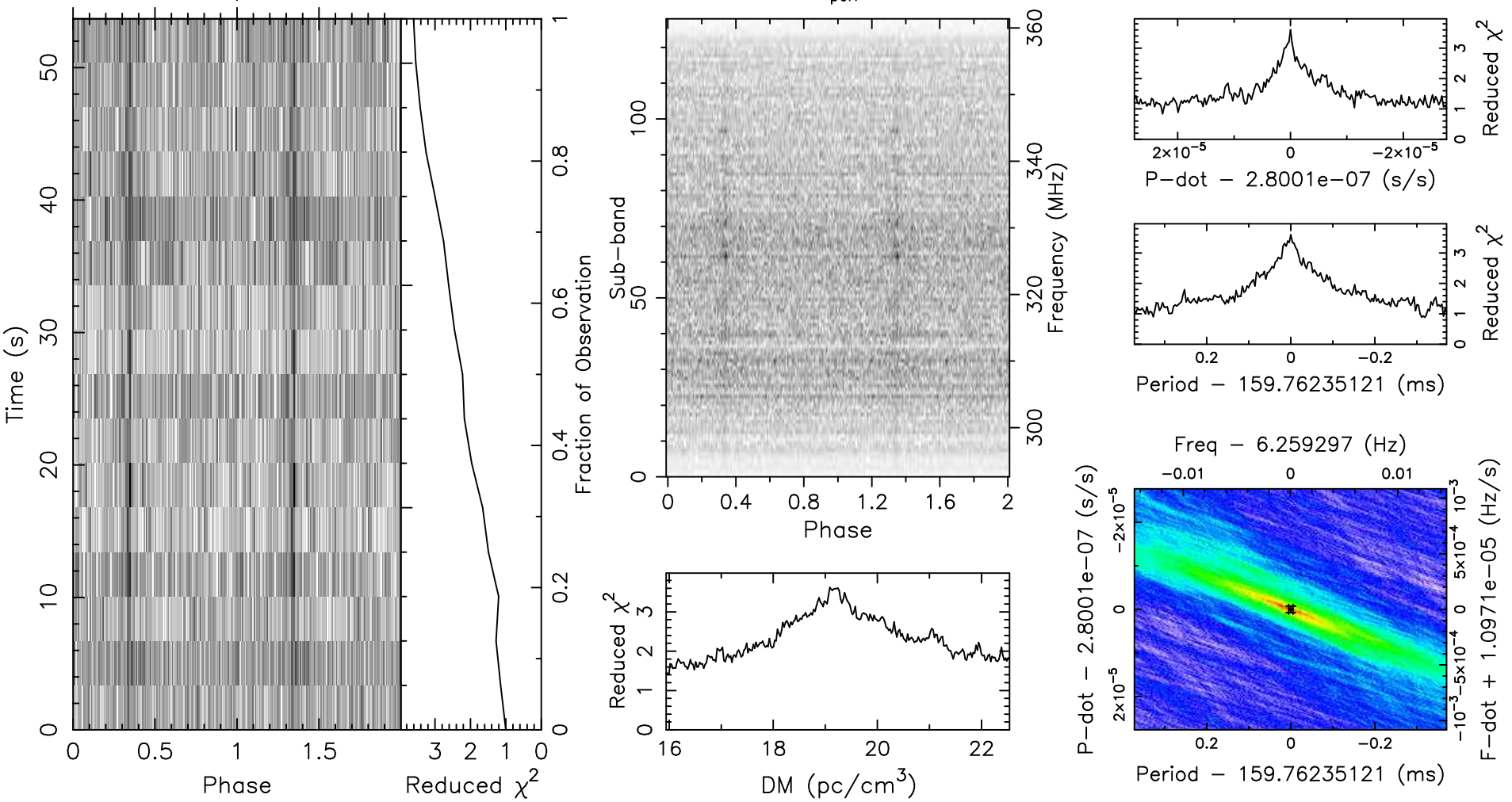
RA_{J2000} = 17:07:05.2800 DEC_{J2000} = 35:55:11.2800

Folding Parameters

DOF_{eff} = 121.43 χ^2_{red} = 3.605 P(Noise) < 2.55e−37 (12.7σ)
Dispersion Measure (DM; pc/cm^3) = 19.240
P_{topo} (ms) = 159.7624(52) P_{bary} (ms) = 159.7554(52)
P'_{topo} (s/s) = 2.8(7.5)x10^{-7} P'_{bary} (s/s) = 2.8(7.5)x10^{-7}
P''_{topo} (s/s^2) = 0.0(9.0)x10^{-8} P''_{bary} (s/s^2) = 0.0(9.0)x10^{-8}

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_58030_Strip232_0142.0001.D170705+3555.0001.fits

jdeneva 10−Aug−2022 13:27