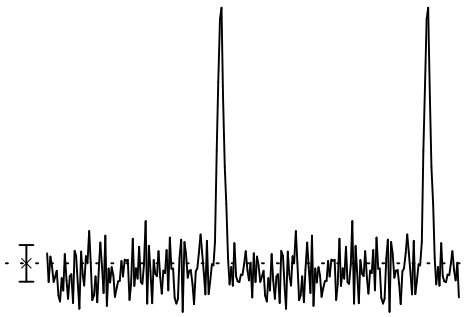
2 Pulses of Best Profile



Search Information

Candidate: 631.80ms_Cand
Telescope: Arecibo
$Epoch_{topo}$ = 56901.01316034818
$Epoch_{bary}$ = 56901.01593189460
T_{sample} = 8.192e−05
Data Folded = 778240
Data Avg = 4.842e+04
Data StdDev = 490.8
Profile Bins = 128
Profile Avg = 2.917e+08
Profile StdDev = 3.827e+04

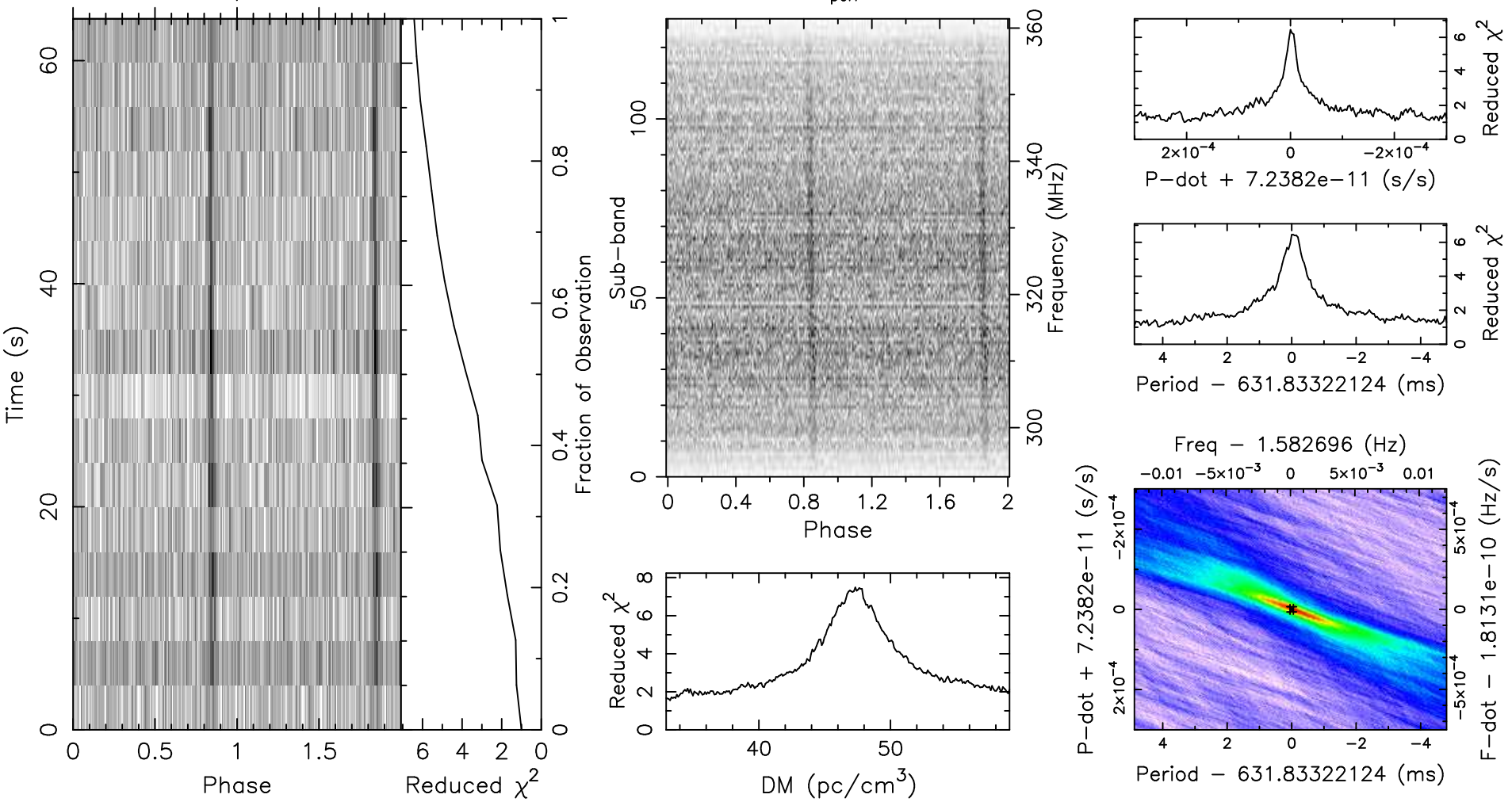
RA_{J2000} = 18:32:12.9600 DEC_{J2000} = 27:45:21.9600

Folding Parameters

DOF_{eff} = 121.88 χ^2_{red} = 6.449 P(Noise) < 1.22e−97 (20.9σ)
Dispersion Measure (DM; pc/cm^3) = 46.000
P_{topo} (ms) = 631.833(53) P_{bary} (ms) = 631.800(53)
P'_{topo} (s/s) = 0.0(6.4)x10^{-6} P'_{bary} (s/s) = 0.0(6.4)x10^{-6}
P''_{topo} (s/s^2) = 0.0(6.5)x10^{-7} P''_{bary} (s/s^2) = 0.0(6.5)x10^{-7}

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_56900_Strip29_0945.0002.D183212+2745.0001.fits

jdeneva 6−Jun−2023 13:07