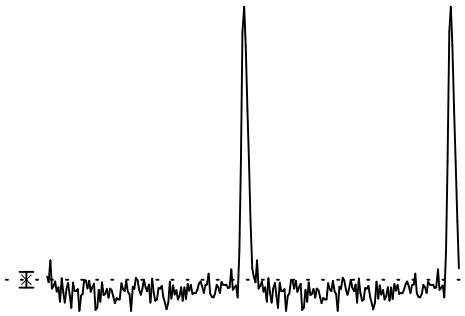
2 Pulses of Best Profile



Candidate: 645.30ms_Cand
Telescope: Arecibo
$Epoch_{topo}$ = 58219.45001120578
$Epoch_{bary}$ = 58219.44992308184
T_{sample} = 8.192e−05
Data Folded = 655360
Data Avg = 4.806e+04
Data StdDev = 491.2
Profile Bins = 128
Profile Avg = 2.455e+08
Profile StdDev = 3.514e+04

Search Information

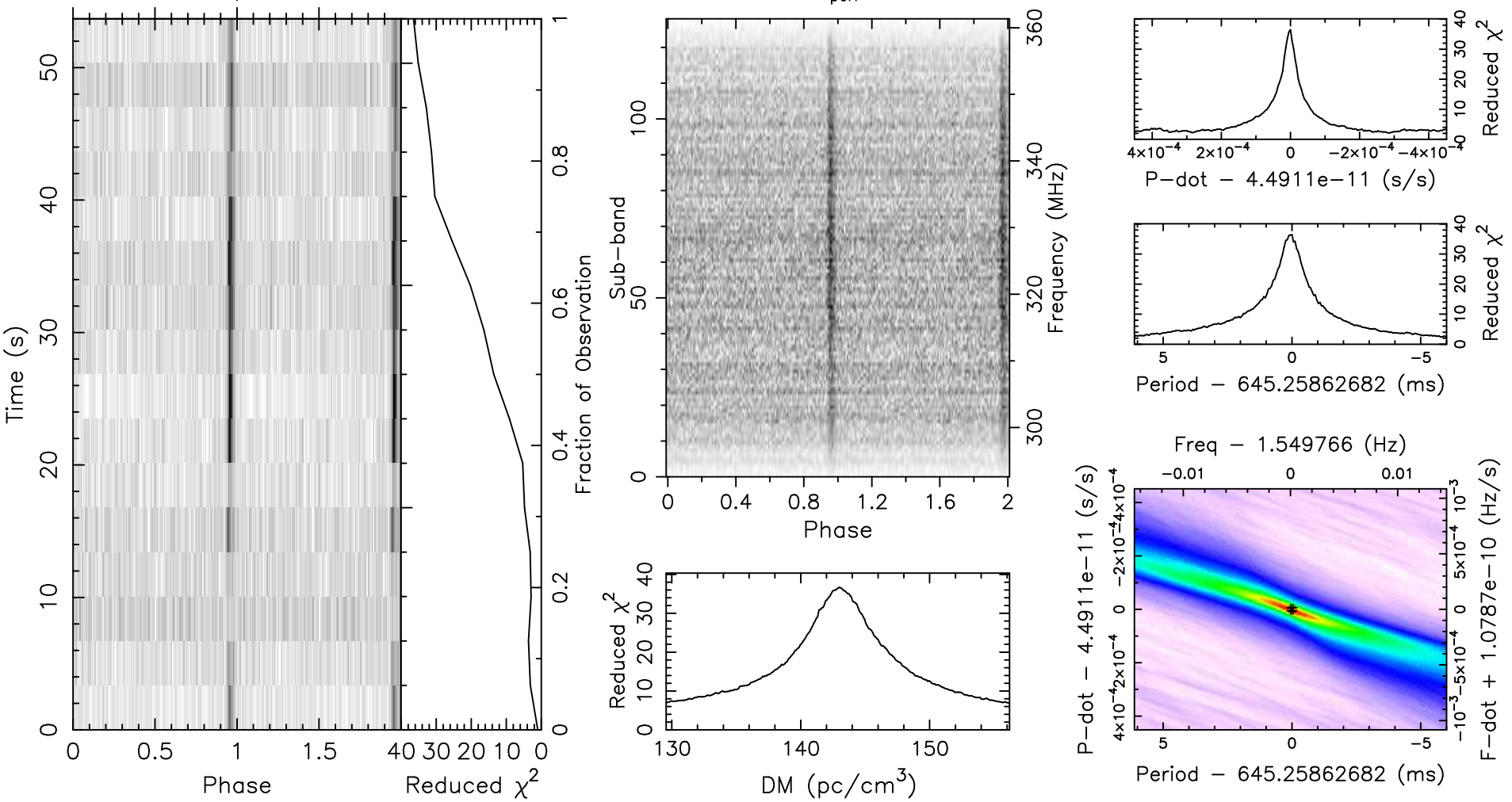
RA_{J2000} = 19:39:09.1200 DEC_{J2000} = 24:44:40.2000

Folding Parameters

DOF_{eff} = 121.88 χ^2_{red} = 36.462 P(Noise) ~ 0 (62.3σ)
Dispersion Measure (DM; pc/cm^3) = 142.880
P_{topo} (ms) = 645.259(40) P_{bary} (ms) = 645.302(40)
P'_{topo} (s/s) = 0.0(5.8)x10^{-6} P'_{bary} (s/s) = 0.0(5.8)x10^{-6}
P''_{topo} (s/s^2) = 0.0(7.0)x10^{-7} P''_{bary} (s/s^2) = 0.0(7.0)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_58219_Strip16_0010.0001.D193909+2444.0001.fits

jdeneva 28−Jul−2022 16:20