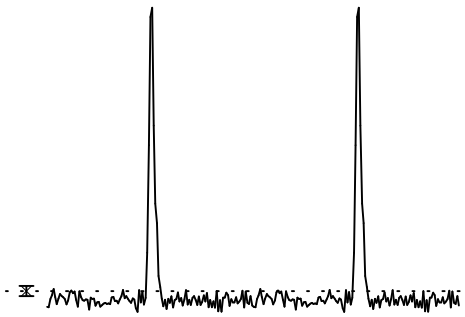
2 Pulses of Best Profile



Search Information

Candidate: 542.45ms_Cand
Telescope: Arecibo
$Epoch_{topo}$ = 58293.22983856960
$Epoch_{bary}$ = 58293.23475423808
T_{sample} = 8.192e−05
Data Folded = 655360
Data Avg = 4.263e+04
Data StdDev = 435.3
Profile Bins = 128
Profile Avg = 2.161e+08
Profile StdDev = 3.115e+04

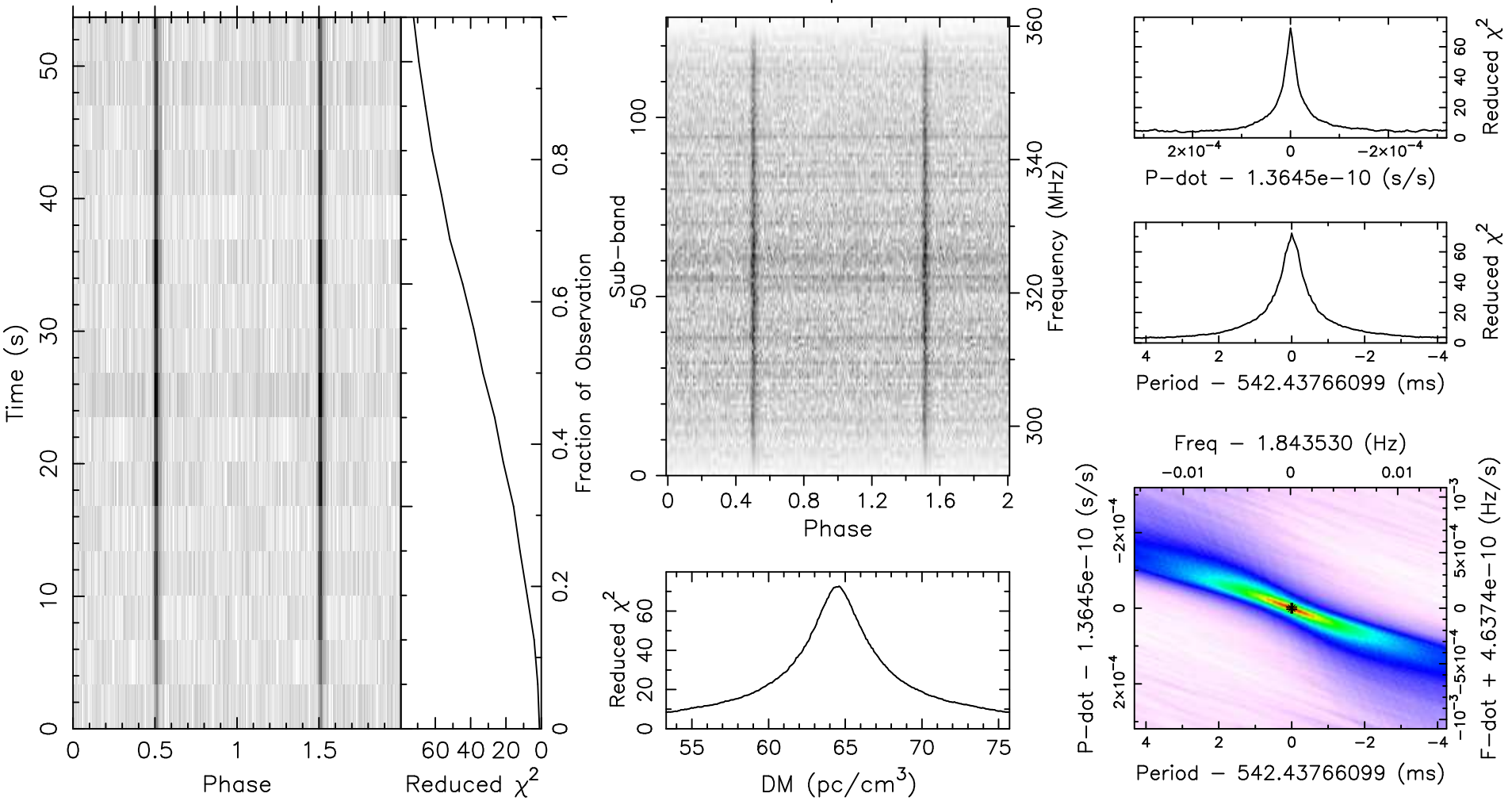
RA_{J2000} = 19:09:21.1200 DEC_{J2000} = 19:01:38.2800

Folding Parameters

DOF_{eff} = 121.87 χ^2_{red} = 72.255 P(Noise) ~ 0 (90.4σ)
Dispersion Measure (DM; pc/cm^3) = 64.517
P_{topo} (ms) = 542.438(19) P_{bary} (ms) = 542.451(19)
P'_{topo} (s/s) = 0.0(2.7)x10^{-6} P'_{bary} (s/s) = 0.0(2.7)x10^{-6}
P''_{topo} (s/s^2) = 0.0(3.2)x10^{-7} P''_{bary} (s/s^2) = 0.0(3.2)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_58293_Strip12_0102.0001.D190921+1901.0001.fits

jdeneva 3−Aug−2022 13:30