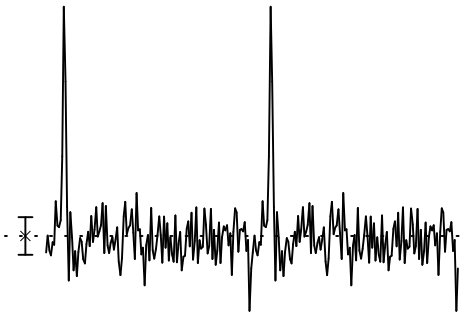
2 Pulses of Best Profile



Search Information

Candidate: 536.70ms_Cand
Telescope: Arecibo
$Epoch_{topo}$ = 58048.12758013322
$Epoch_{bary}$ = 58048.13340460776
T_{sample} = 8.192e−05
Data Folded = 655360
Data Avg = 3.699e+04
Data StdDev = 381.7
Profile Bins = 128
Profile Avg = 1.893e+08
Profile StdDev = 2.731e+04

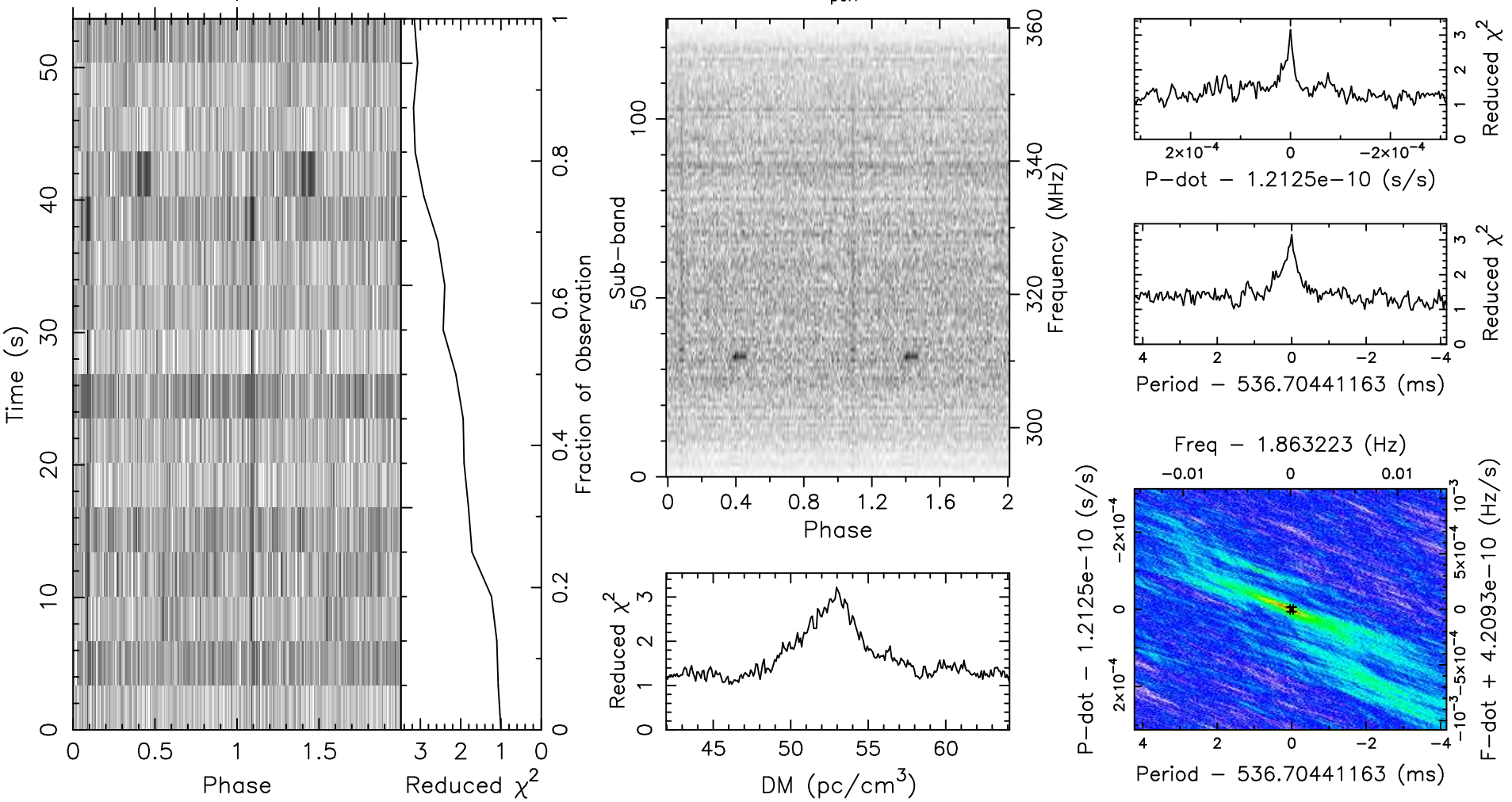
RA_{J2000} = 00:39:10.6680 DEC_{J2000} = 35:48:19.0800

Folding Parameters

DOF_{eff} = 121.86 χ^2_{red} = 3.152 P(Noise) < 6.36e−29 (11.1σ)
Dispersion Measure (DM; pc/cm^3) = 53.040
P_{topo} (ms) = 536.704(42) P_{bary} (ms) = 536.700(42)
P'_{topo} (s/s) = 0.0(6.0)x10^{-6} P'_{bary} (s/s) = 0.0(6.0)x10^{-6}
P''_{topo} (s/s^2) = 0.0(7.2)x10^{-7} P''_{bary} (s/s^2) = 0.0(7.2)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_58048_Strip232_0439.0001.D003910+3548.0001.fits

jdeneva 3−Aug−2022 12:52