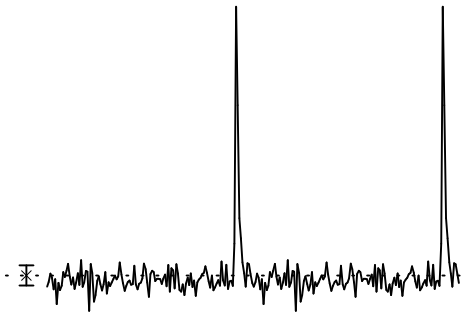
2 Pulses of Best Profile



Search Information

Candidate: 654.40ms_Cand
Telescope: Arecibo
$Epoch_{topo}$ = 58048.27911009493
$Epoch_{bary}$ = 58048.28419195896
T_{sample} = 8.192e−05
Data Folded = 778240
Data Avg = 3.957e+04
Data StdDev = 404.6
Profile Bins = 128
Profile Avg = 2.395e+08
Profile StdDev = 3.155e+04

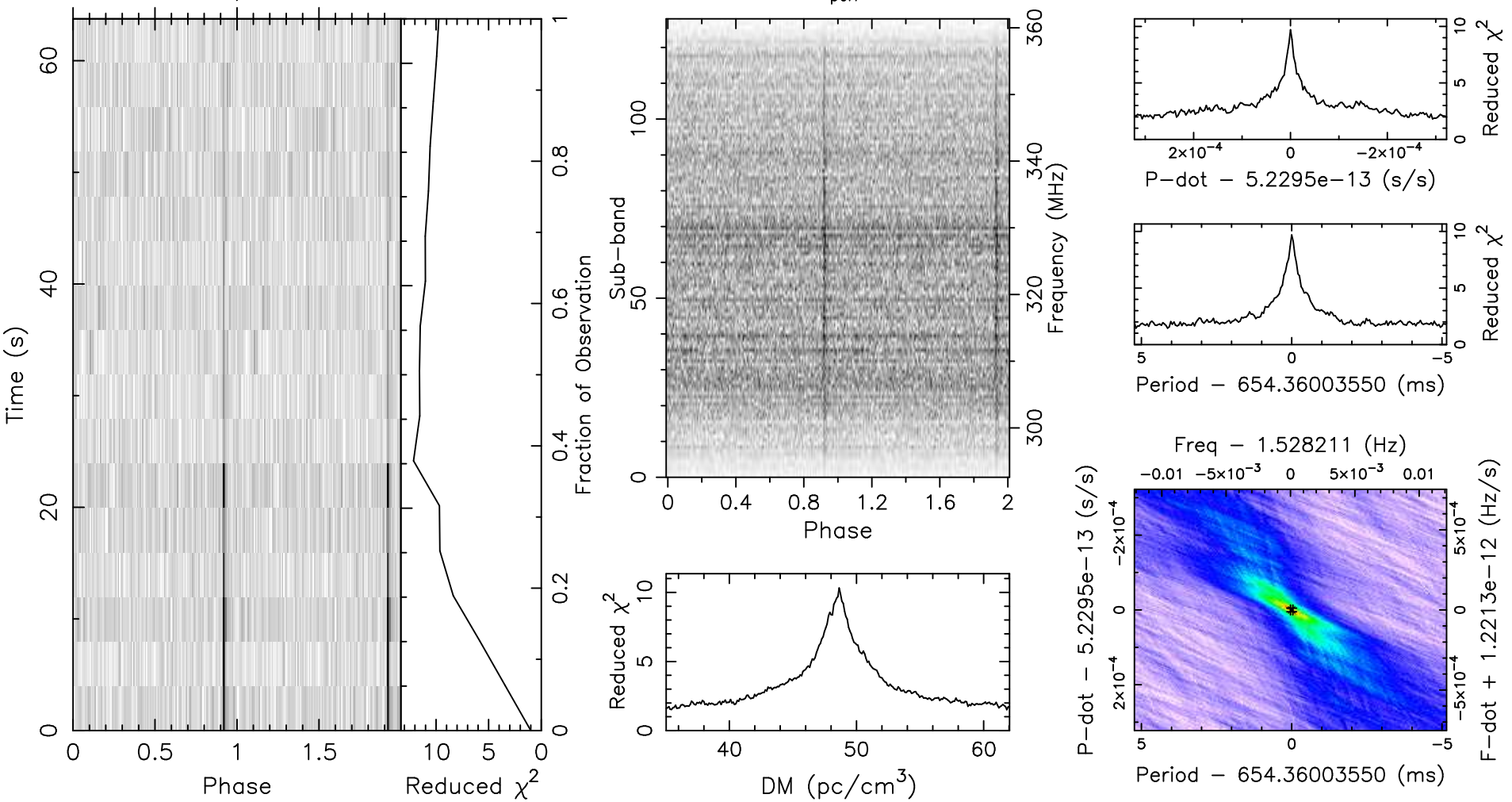
RA_{J2000} = 04:17:47.4480 DEC_{J2000} = 35:51:49.8600

Folding Parameters

DOF_{eff} = 121.88 χ^2_{red} = 9.702 P(Noise) < 3.89e−173 (28.0σ)
Dispersion Measure (DM; pc/cm^3) = 48.534
P_{topo} (ms) = 654.360(40) P_{bary} (ms) = 654.400(40)
P'_{topo} (s/s) = 0.0(4.8)x10^{-6} P'_{bary} (s/s) = 0.0(4.8)x10^{-6}
P''_{topo} (s/s^2) = 0.0(4.9)x10^{-7} P''_{bary} (s/s^2) = 0.0(4.9)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_0443.0001.D041747+3551.0001.fits

jdeneva 28−Oct−2023 15:45