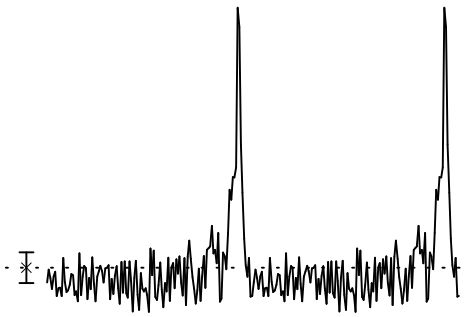
2 Pulses of Best Profile



Search Information

Candidate: 414.76ms_Cand
Telescope: Arecibo
$Epoch_{topo}$ = 58329.39796071567
$Epoch_{bary}$ = 58329.39960518628
T_{sample} = 8.192e−05
Data Folded = 655360
Data Avg = 4.175e+04
Data StdDev = 427.6
Profile Bins = 128
Profile Avg = 2.13e+08
Profile StdDev = 3.06e+04

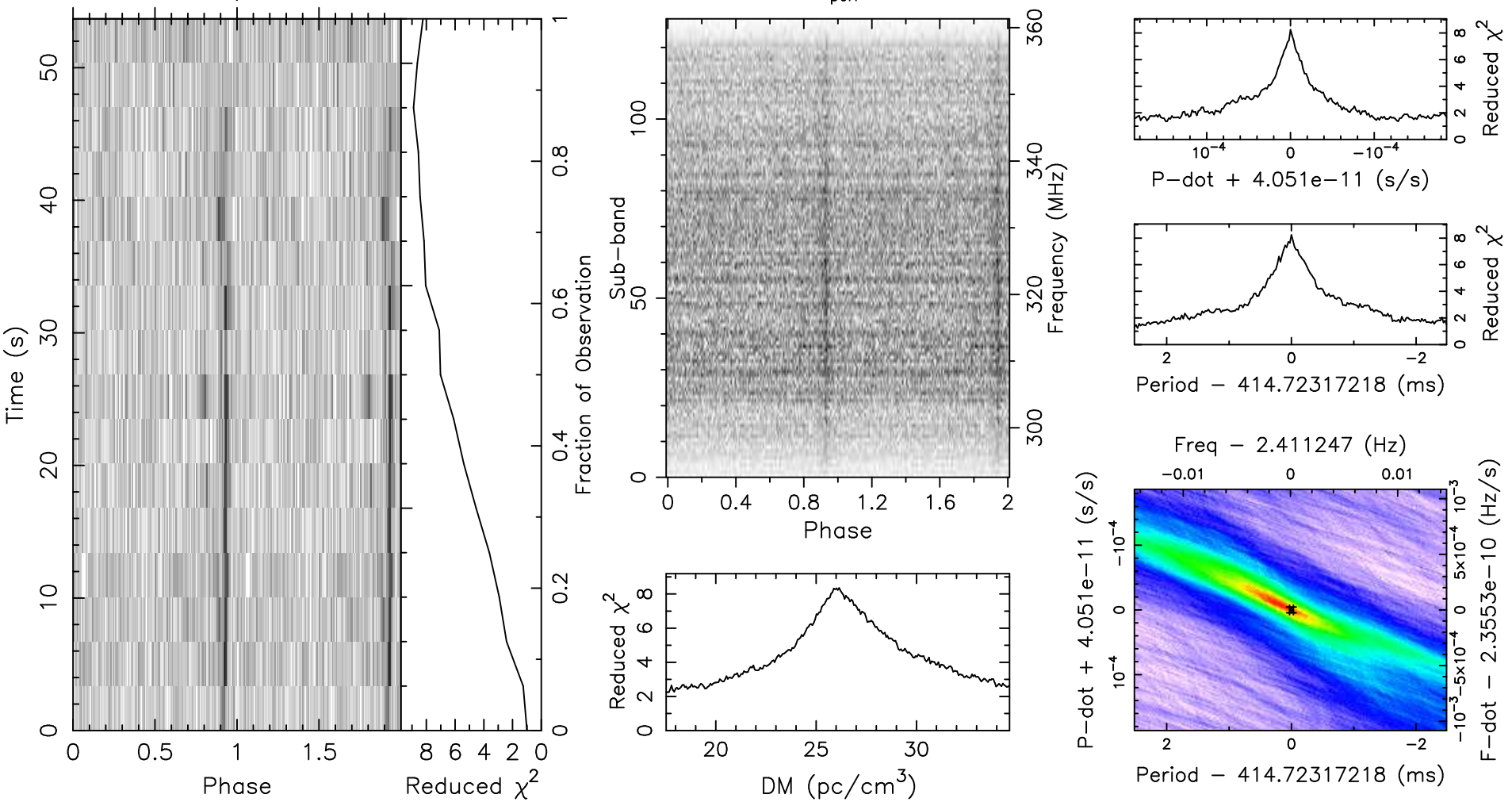
RA_{J2000} = 01:37:26.3760 DEC_{J2000} = 16:54:43.2000

Folding Parameters

DOF_{eff} = 121.83 χ^2_{red} = 8.240 P(Noise) < 1.24e−138 (25.0σ)
Dispersion Measure (DM; pc/cm^3) = 26.084
P_{topo} (ms) = 414.723(31) P_{bary} (ms) = 414.763(31)
P'_{topo} (s/s) = 0.0(4.4)x10^{-6} P'_{bary} (s/s) = 0.0(4.4)x10^{-6}
P''_{topo} (s/s^2) = 0.0(5.3)x10^{-7} P''_{bary} (s/s^2) = 0.0(5.3)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_58329_Strip4_0109.0001.D013726+1654.0001.fits

jdeneva 3−Aug−2022 12:53