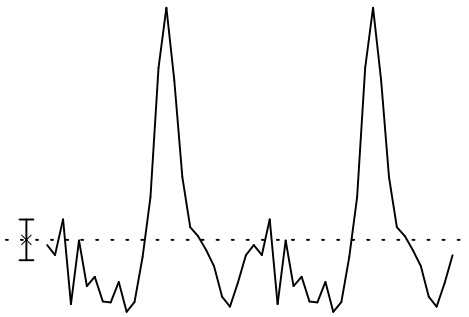
2 Pulses of Best Profile



Candidate: 2.16ms_Cand
Telescope: Arecibo
$Epoch_{topo}$ = 56759.48160253224
$Epoch_{bary}$ = 56759.47995248867
T_{sample} = 8.192e−05
Data Folded = 655360
Data Avg = 3.205e+04
Data StdDev = 329.4
Profile Bins = 26
Profile Avg = 8.079e+08
Profile StdDev = 5.229e+04

Search Information

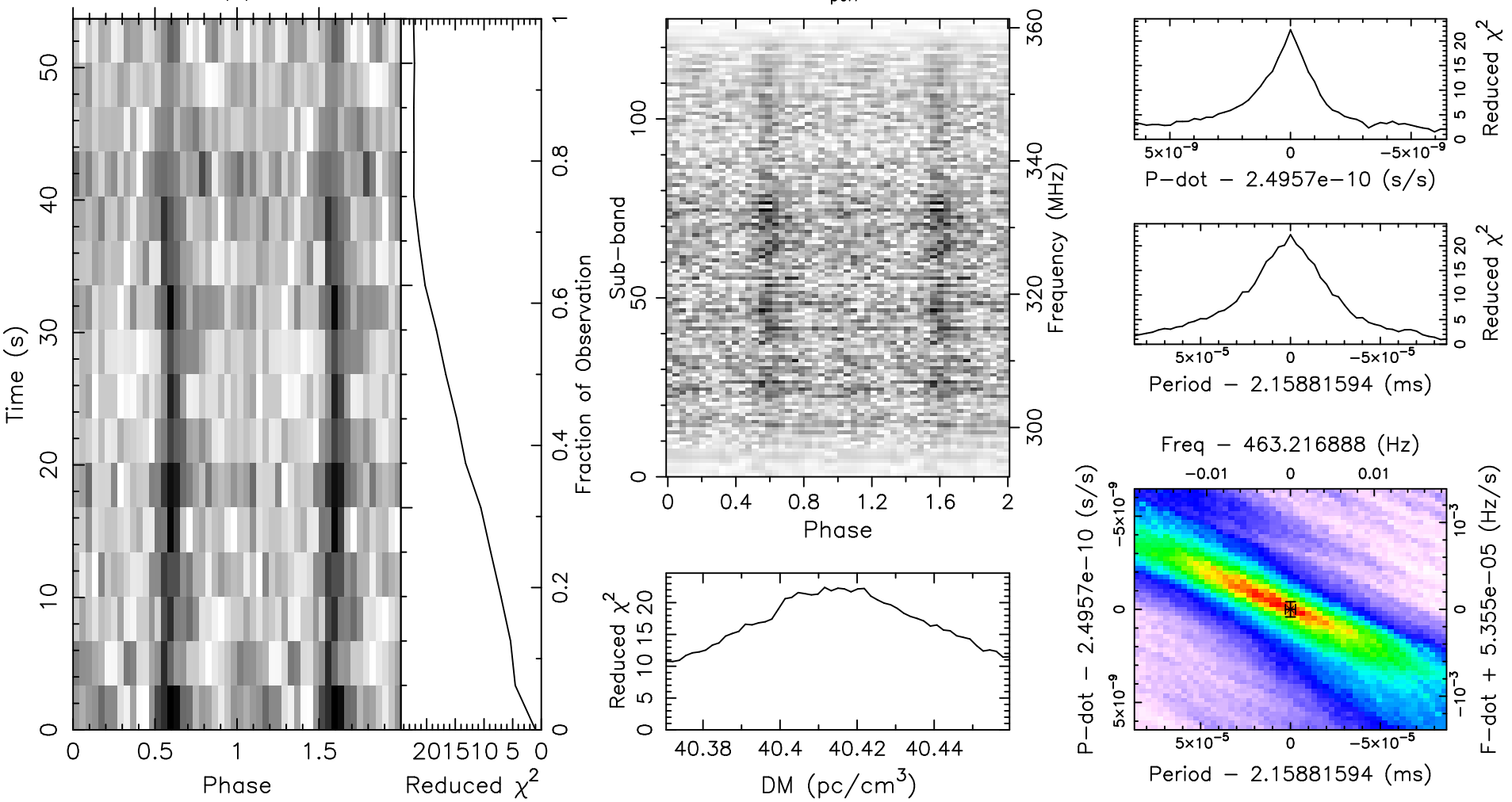
RA_{J2000} = 20:56:02.6400 DEC_{J2000} = 15:47:15.0000

Folding Parameters

DOF_{eff} = 16.46 χ^2_{red} = 22.279 P(Noise) < 6.96e−68 (17.4σ)
Dispersion Measure (DM; pc/cm^3) = 40.415
P_{topo} (ms) = 2.1588159(28) P_{bary} (ms) = 2.1589733(28)
P'_{topo} (s/s) = 2.5(4.1)x10^{-10} P'_{bary} (s/s) = 2.5(4.1)x10^{-10}
P''_{topo} (s/s^2) = 0.0(4.9)x10^{-11} P''_{bary} (s/s^2) = 0.0(4.9)x10^{-11}

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_56759_Strip53_0685.0003.D205602+1547.0001.fits

jdeneva 11−Aug−2022 17:16