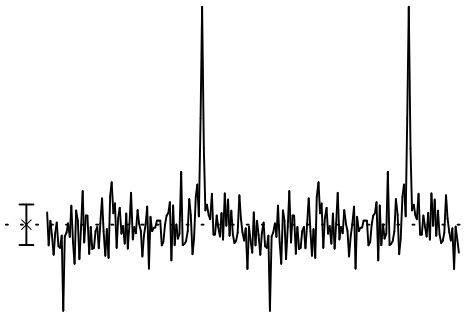
2 Pulses of Best Profile



Search Information

Candidate: 426.65ms_Cand
Telescope: Arecibo
$Epoch_{topo}$ = 58676.05643679573
$Epoch_{bary}$ = 58676.05989846781
T_{sample} = 8.192e−05
Data Folded = 655360
Data Avg = 3.747e+04
Data StdDev = 387.4
Profile Bins = 128
Profile Avg = 1.906e+08
Profile StdDev = 2.772e+04

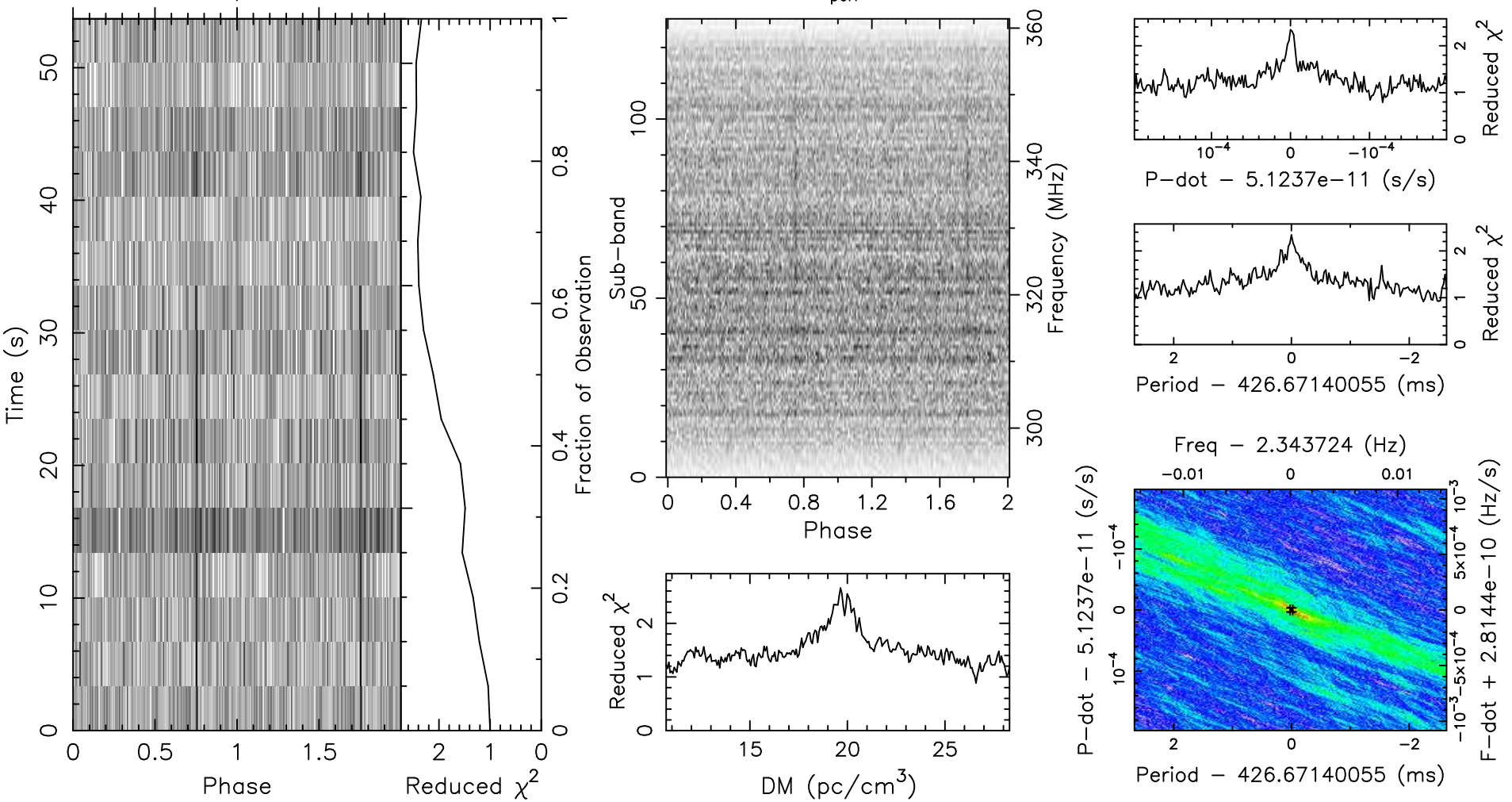
RA_{J2000} = 16:12:30.0000 DEC_{J2000} = 20:00:33.4800

Folding Parameters

DOF_{eff} = 121.84 χ^2_{red} = 2.342 P(Noise) < 3.81e−15 (7.8σ)
Dispersion Measure (DM; pc/cm^3) = 19.508
P_{topo} (ms) = 426.671(22) P_{bary} (ms) = 426.646(22)
P'_{topo} (s/s) = 0.0(3.2)x10^{-6} P'_{bary} (s/s) = 0.0(3.2)x10^{-6}
P''_{topo} (s/s^2) = 0.0(3.8)x10^{-7} P''_{bary} (s/s^2) = 0.0(3.8)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_58676_Strip86_0102.0001.D161229+2000.0001.fits

jdeneva 3−Aug−2022 13:15