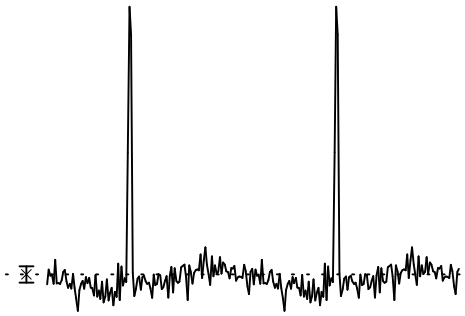
2 Pulses of Best Profile



Search Information

Candidate: 1776.90ms_Cand
Telescope: Arecibo
$Epoch_{topo}$ = 57173.39999251031
$Epoch_{bary}$ = 57173.40044484460
T_{sample} = 8.192e−05
Data Folded = 524288
Data Avg = 3.949e+04
Data StdDev = 406.4
Profile Bins = 128
Profile Avg = 1.606e+08
Profile StdDev = 2.601e+04

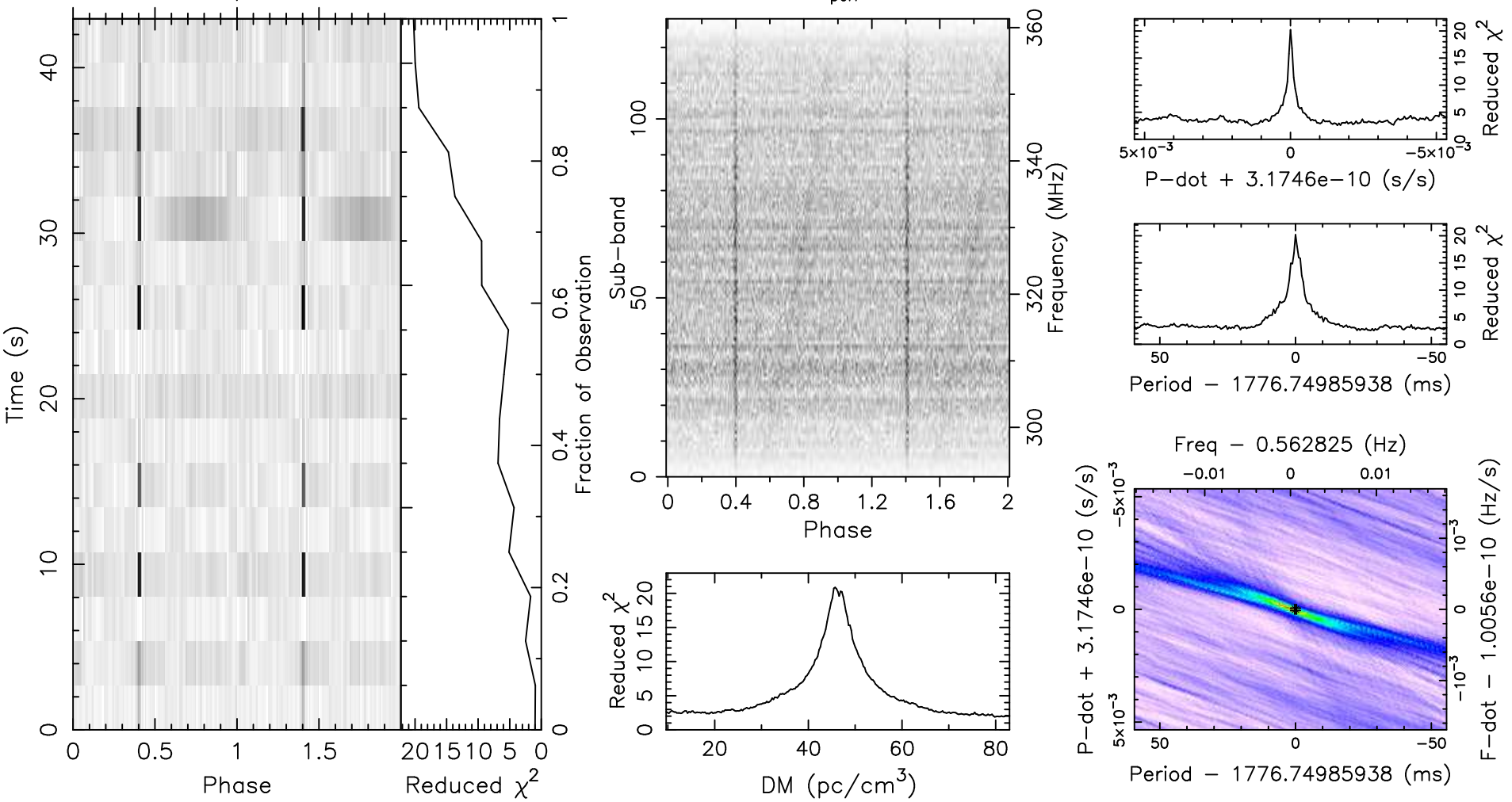
RA_{J2000} = 22:09:49.6800 DEC_{J2000} = 21:16:50.1600

Folding Parameters

DOF_{eff} = 121.91 χ^2_{red} = 20.221 P(Noise) ~ 0 (44.5σ)
Dispersion Measure (DM; pc/cm^3) = 46.300
P_{topo} (ms) = 1776.75(31) P_{bary} (ms) = 1776.90(31)
P'_{topo} (s/s) = 0.0(5.5)x10^{-5} P'_{bary} (s/s) = 0.0(5.5)x10^{-5}
P''_{topo} (s/s^2) = 0.0(8.3)x10^{-6} P''_{bary} (s/s^2) = 0.0(8.3)x10^{-6}

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_57173_Strip78_1380.0002.D220949+2116.0001.fits

jdeneva 3−Aug−2022 14:02