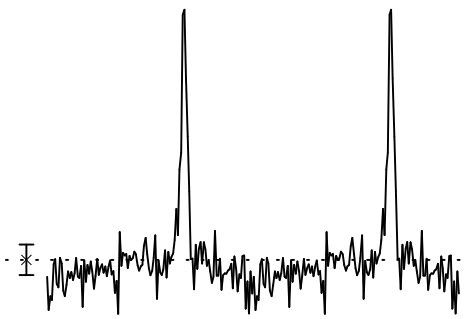
2 Pulses of Best Profile



Search Information

Candidate: 1840.99ms_Cand
Telescope: Arecibo
$Epoch_{topo}$ = 58288.43951587739
$Epoch_{bary}$ = 58288.43930618944
T_{sample} = 8.192e−05
Data Folded = 655360
Data Avg = 3.863e+04
Data StdDev = 399.9
Profile Bins = 128
Profile Avg = 1.967e+08
Profile StdDev = 2.862e+04

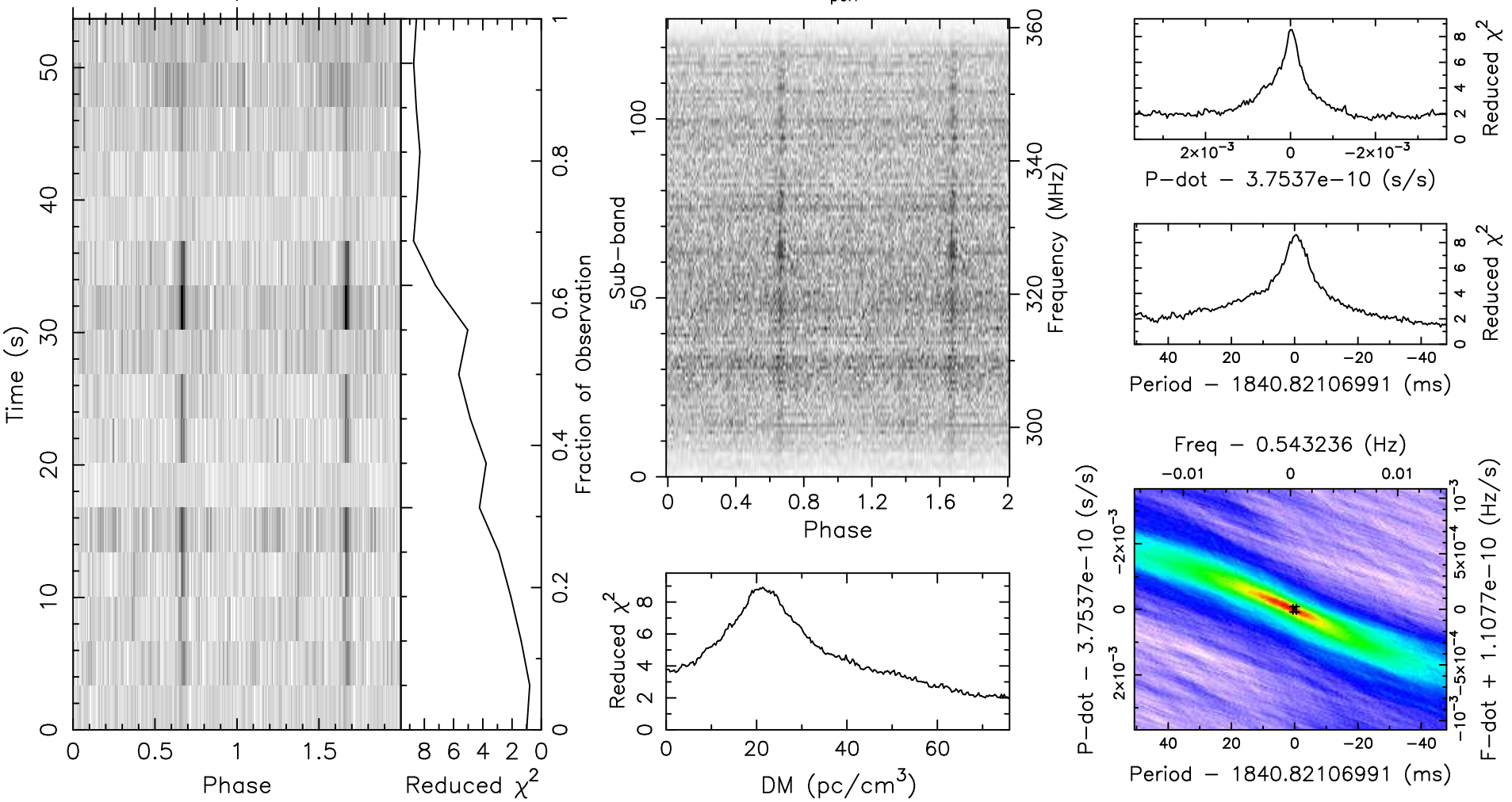
RA_{J2000} = 23:55:51.3600 DEC_{J2000} = 22:39:53.6400

Folding Parameters

DOF_{eff} = 121.91 χ^2_{red} = 8.536 P(Noise) < 1.25e−145 (25.7σ)
Dispersion Measure (DM; pc/cm^3) = 23.145
P_{topo} (ms) = 1840.82(57) P_{bary} (ms) = 1840.99(57)
P'_{topo} (s/s) = 0.0(8.3)x10^{-5} P'_{bary} (s/s) = 0.0(8.3)x10^{-5}
P''_{topo} (s/s^2) = 0.0(1.0)x10^{-5} P''_{bary} (s/s^2) = 0.0(1.0)x10^{-5}

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_58288_Strip71_1800.0001.D235551+2239.0001.fits

jdeneva 3−Aug−2022 14:09