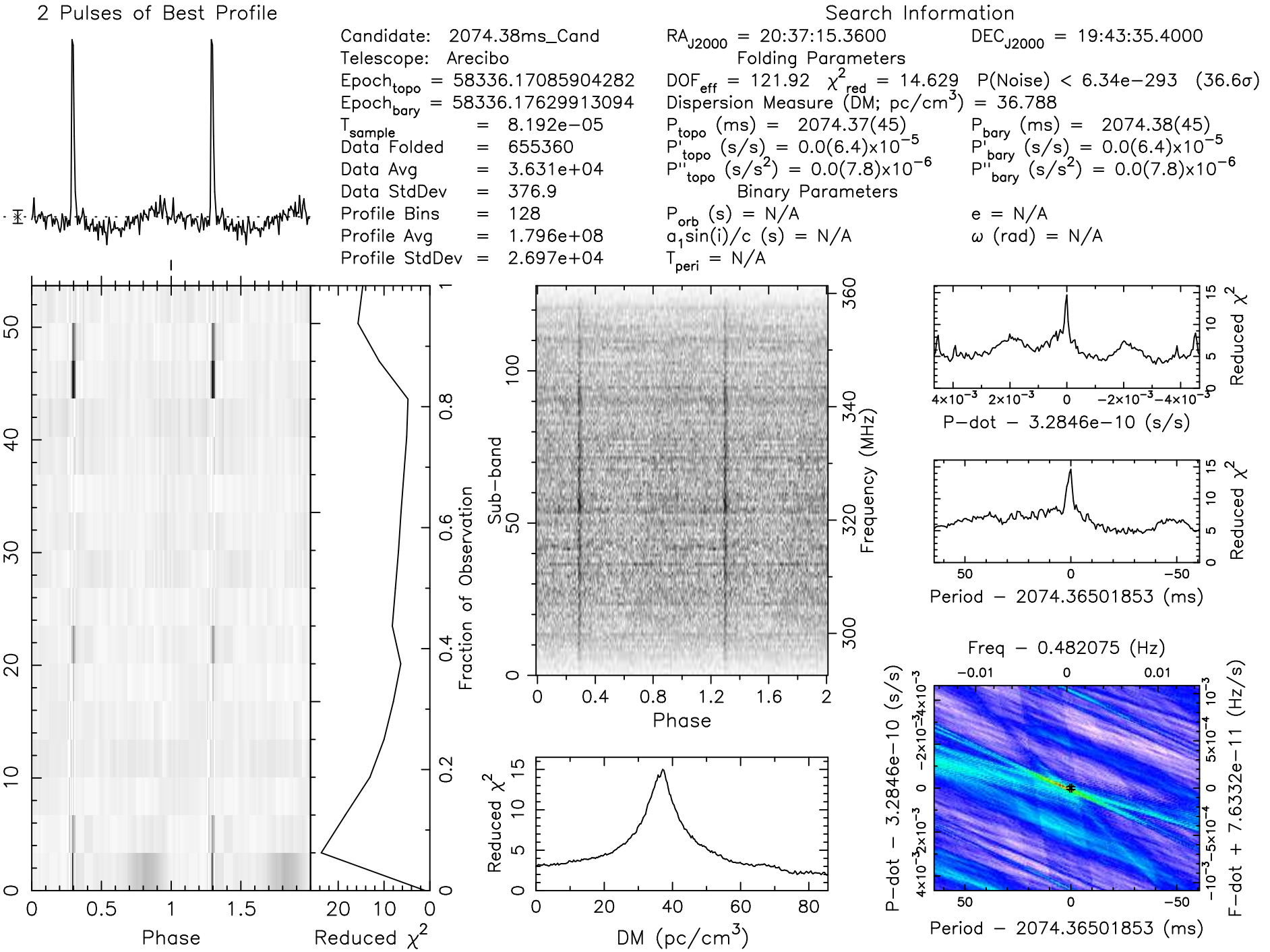
2 Pulses of Best Profile
Search Information
Candidate: 2074.38ms_Cand
Telescope: Arecibo
Epoch$_{topo}$ = 58336.17085904282
Epoch$_{bary}$ = 58336.17629913094
T_{sample} = 8.192e−05
Data Folded = 655360
Data Avg = 3.631e+04
Data StdDev = 376.9
Profile Bins = 128
Profile Avg = 1.796e+08
Profile StdDev = 2.697e+04
RA$_{J2000}$ = 20:37:15.3600
DEC$_{J2000}$ = 19:43:35.4000
Folding Parameters
DOF$_{eff}$ = 121.92 χ^2_{red} = 14.629 P(Noise) < 6.34e−293 (36.6σ)
Dispersion Measure (DM; pc/cm^3) = 36.788
P_{topo} (ms) = 2074.37(45)
P'_{topo} (s/s) = 0.0(6.4)x10^{-5}
P''_{topo} (s/s^2) = 0.0(7.8)x10^{-6}
P_{bary} (ms) = 2074.38(45)
P'_{bary} (s/s) = 0.0(6.4)x10^{-5}
P''_{bary} (s/s^2) = 0.0(7.8)x10^{-6}
Binary Parameters
P_{orb} (s) = N/A
$a_1$sin(i)/c (s) = N/A
T_{peri} = N/A
e = N/A
ω (rad) = N/A
Time (s)
Phase
Reduced χ^2
Fraction of Observation
Sub-band
Frequency (MHz)
DM (pc/cm^3)
P-dot − 3.2846e−10 (s/s)
Period − 2074.36501853 (ms)
Freq − 0.482075 (Hz)
F-dot + 7.6332e−11 (Hz/s)
4bit_puppi_58336_Strip87_0357.0001.D203715+1943.0001.fits
jdeneva 28−Jul−2022 16:23