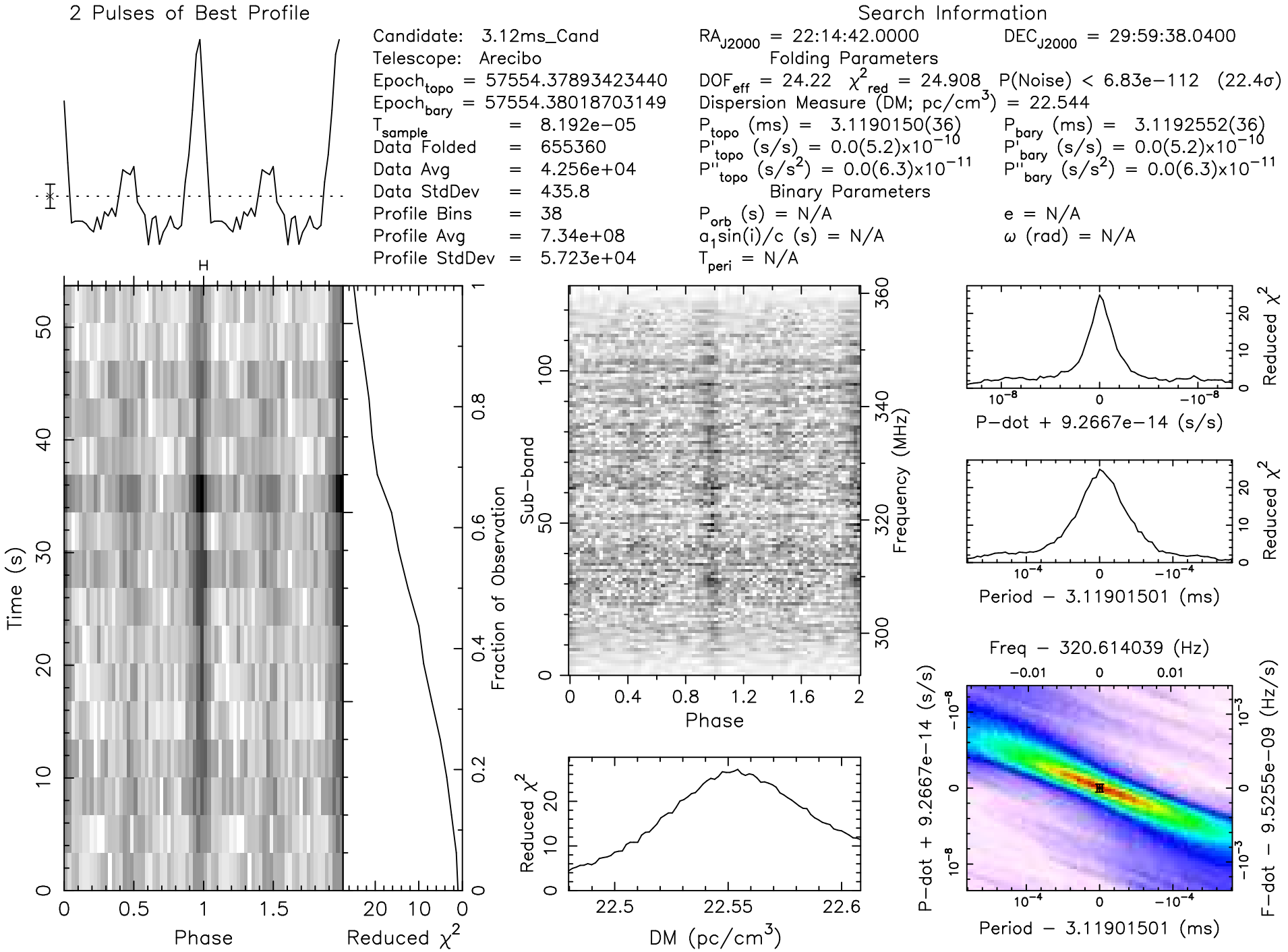
2 Pulses of Best Profile
H
Search Information
Candidate: 3.12ms_Cand
Telescope: Arecibo
Epoch$_{topo}$ = 57554.37893423440
Epoch$_{bary}$ = 57554.38018703149
T_{sample} = 8.192e−05
Data Folded = 655360
Data Avg = 4.256e+04
Data StdDev = 435.8
Profile Bins = 38
Profile Avg = 7.34e+08
Profile StdDev = 5.723e+04
RA_{J2000} = 22:14:42.0000
DEC_{J2000} = 29:59:38.0400
Folding Parameters
DOF_{eff} = 24.22 χ^2_{red} = 24.908 P(Noise) < 6.83e−112 (22.4σ)
Dispersion Measure (DM; pc/cm^3) = 22.544
P_{topo} (ms) = 3.1190150(36)
P_{bary} (ms) = 3.1192552(36)
P'_{topo} (s/s) = 0.0(5.2)x10^{-10}
P'_{bary} (s/s) = 0.0(5.2)x10^{-10}
P''_{topo} (s/s^2) = 0.0(6.3)x10^{-11}
P''_{bary} (s/s^2) = 0.0(6.3)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
Time (s)
Phase
Reduced χ^2
Fraction of Observation
Sub-band
Frequency (MHz)
DM (pc/cm^3)
P−dot + 9.2667e−14 (s/s)
Period − 3.11901501 (ms)
Freq − 320.614039 (Hz)
F−dot − 9.5255e−09 (Hz/s)
4bit_puppi_57554_Strip207_0255.0001.D221442+2959.0001.fits
jdeneva 15−Aug−2022 14:57