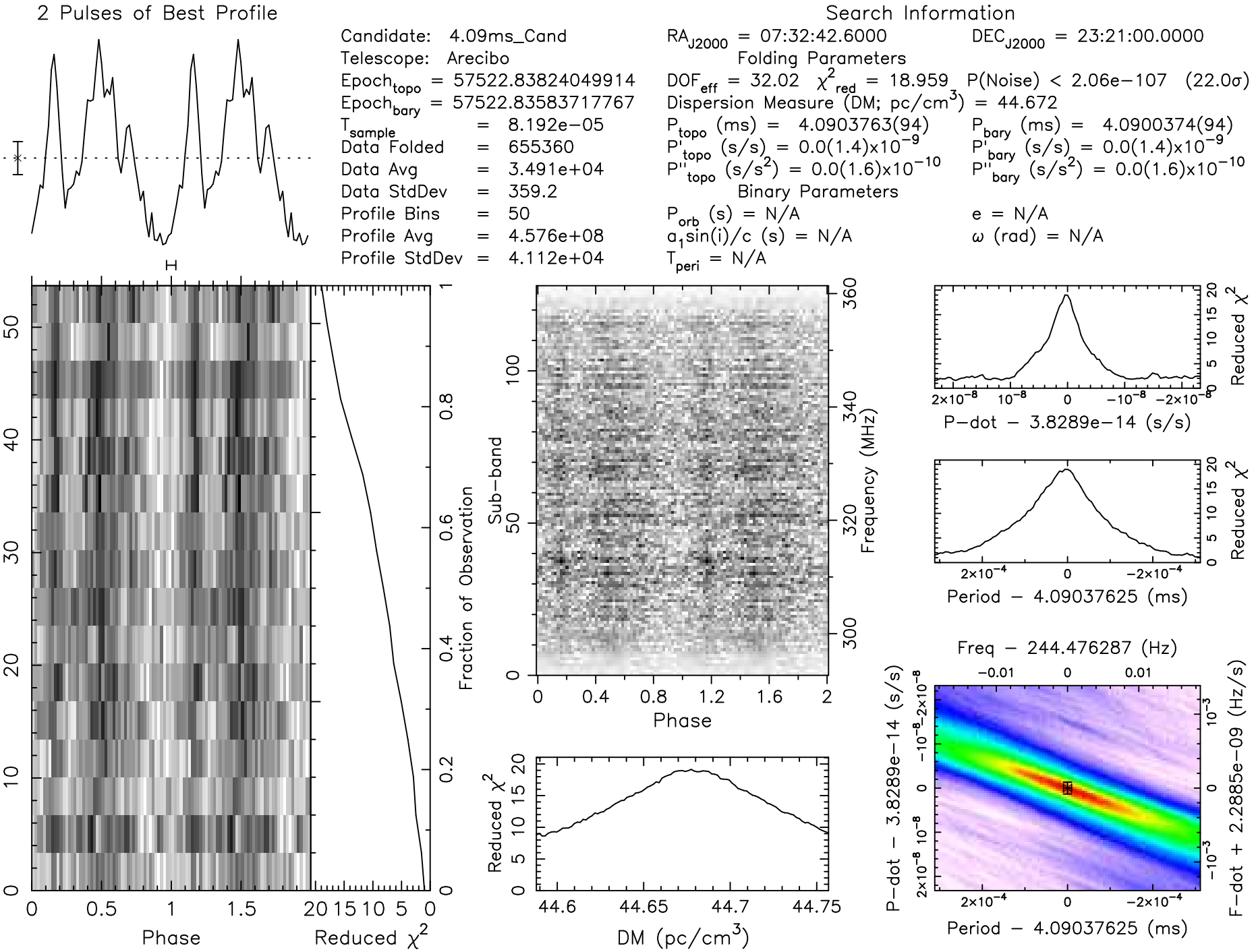
2 Pulses of Best Profile
Search Information
Candidate: 4.09ms_Cand
Telescope: Arecibo
Epoch$_{topo}$ = 57522.83824049914
Epoch$_{bary}$ = 57522.83583717767
T$_{sample}$ = 8.192e−05
Data Folded = 655360
Data Avg = 3.491e+04
Data StdDev = 359.2
Profile Bins = 50
Profile Avg = 4.576e+08
Profile StdDev = 4.112e+04
RA$_{J2000}$ = 07:32:42.6000
DEC$_{J2000}$ = 23:21:00.0000
Folding Parameters
DOF$_{eff}$ = 32.02 χ^2_{red} = 18.959 P(Noise) < 2.06e−107 (22.0σ)
Dispersion Measure (DM; pc/cm^3) = 44.672
P$_{topo}$ (ms) = 4.0903763(94)
P$_{bary}$ (ms) = 4.0900374(94)
P'$_{topo}$ (s/s) = 0.0(1.4)x10^{-9}
P'$_{bary}$ (s/s) = 0.0(1.4)x10^{-9}
P''$_{topo}$ (s/s^2) = 0.0(1.6)x10^{-10}
P''$_{bary}$ (s/s^2) = 0.0(1.6)x10^{-10}
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 − 3.8289e−14 (s/s)
Period − 4.09037625 (ms)
Freq − 244.476287 (Hz)
F-dot + 2.2885e−09 (Hz/s)
4bit_puppi_57522_Strip68_0094.0001.D073243+2321.0001.fits
jdeneva 28−Oct−2023 16:09