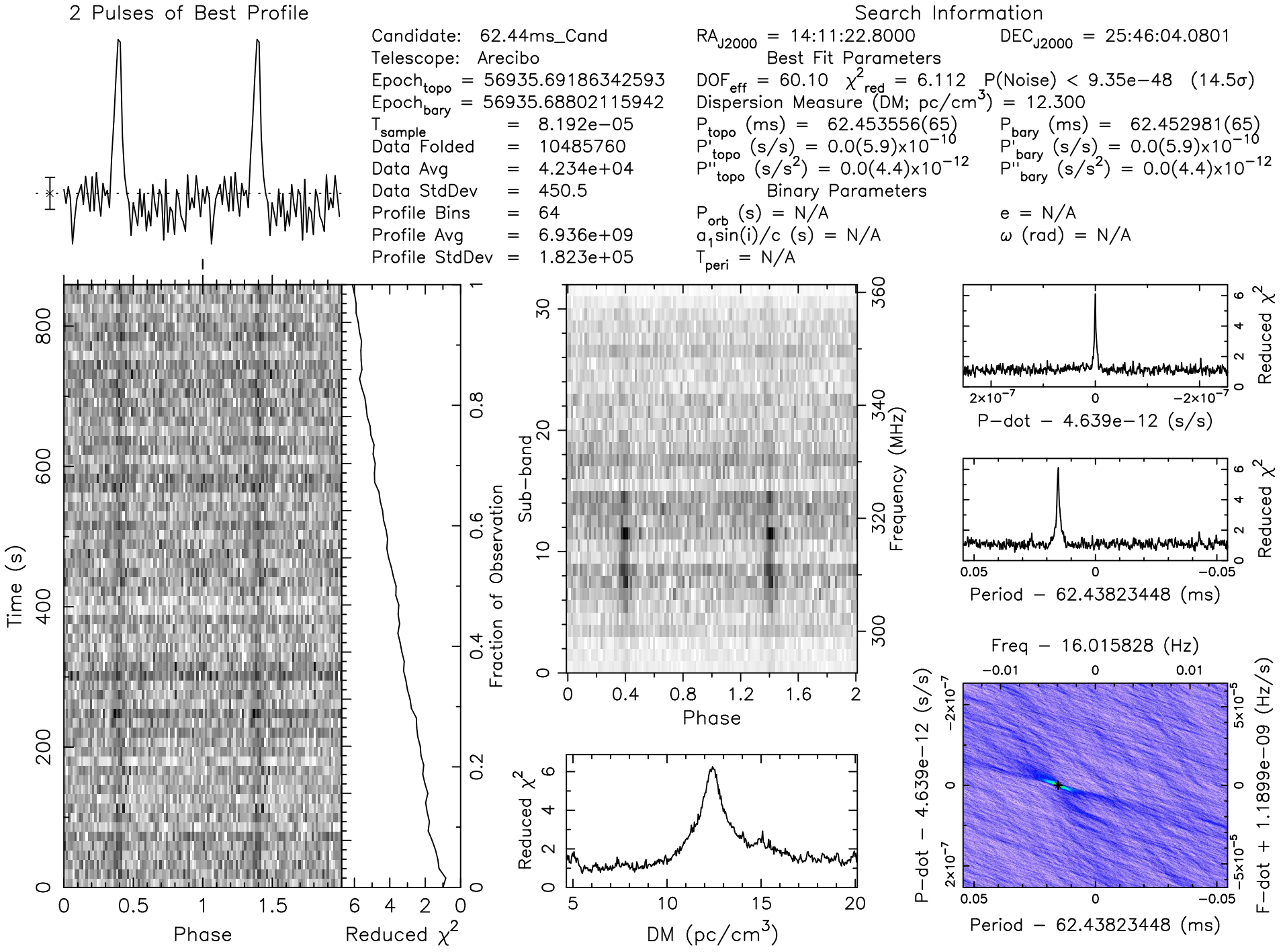
2 Pulses of Best Profile
Search Information
Candidate: 62.44ms_Cand
Telescope: Arecibo
Epoch$_{topo}$ = 56935.69186342593
Epoch$_{bary}$ = 56935.68802115942
T_{sample} = 8.192e−05
Data Folded = 10485760
Data Avg = 4.234e+04
Data StdDev = 450.5
Profile Bins = 64
Profile Avg = 6.936e+09
Profile StdDev = 1.823e+05
RA$_{J2000}$ = 14:11:22.8000
DEC$_{J2000}$ = 25:46:04.0801
Best Fit Parameters
DOF$_{eff}$ = 60.10 χ^2_{red} = 6.112 P(Noise) < 9.35e−48 (14.5σ)
Dispersion Measure (DM; pc/cm^3) = 12.300
P_{topo} (ms) = 62.453556(65)
P_{bary} (ms) = 62.452981(65)
P'_{topo} (s/s) = 0.0(5.9)x10^{-10}
P'_{bary} (s/s) = 0.0(5.9)x10^{-10}
P''_{topo} (s/s^2) = 0.0(4.4)x10^{-12}
P''_{bary} (s/s^2) = 0.0(4.4)x10^{-12}
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
puppi_56935_J1411+25_0265_0001.fits
Sub-band
Frequency (MHz)
DM (pc/cm^3)
P−dot − 4.639e−12 (s/s)
Period − 62.43823448 (ms)
Freq − 16.015828 (Hz)
P−dot − 4.639e−12 (s/s)
F−dot + 1.1899e−09 (Hz/s)
gpu 6−Oct−2014 13:17