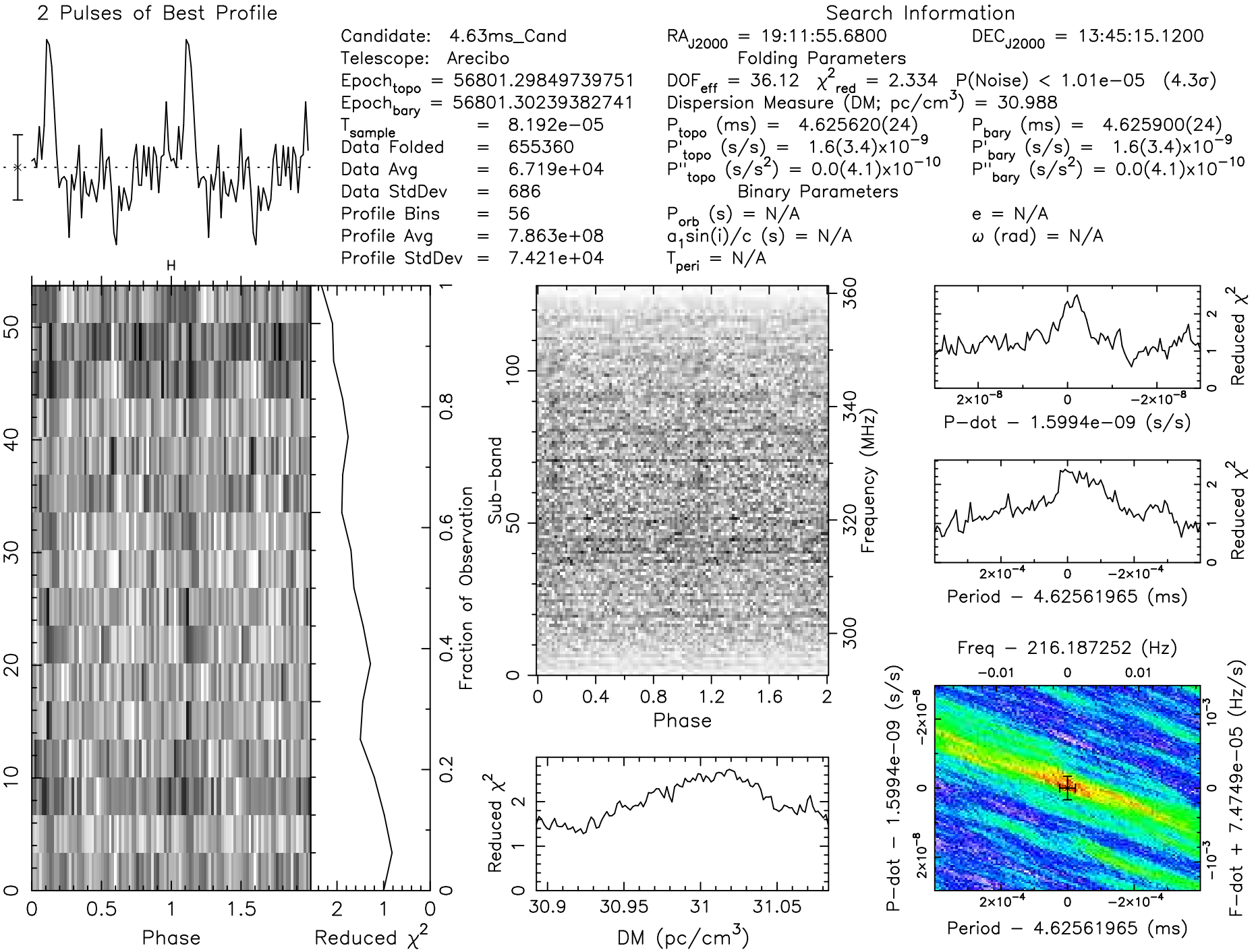
2 Pulses of Best Profile
Search Information
Candidate: 4.63ms_Cand
Telescope: Arecibo
Epoch$_{topo}$ = 56801.29849739751
Epoch$_{bary}$ = 56801.30239382741
T_{sample} = 8.192e−05
Data Folded = 655360
Data Avg = 6.719e+04
Data StdDev = 686
Profile Bins = 56
Profile Avg = 7.863e+08
Profile StdDev = 7.421e+04
RA_{J2000} = 19:11:55.6800
DEC_{J2000} = 13:45:15.1200
Folding Parameters
DOF_{eff} = 36.12 χ^2_{red} = 2.334 P(Noise) < 1.01e−05 (4.3σ)
Dispersion Measure (DM; pc/cm^3) = 30.988
P_{topo} (ms) = 4.625620(24)
P'_{topo} (s/s) = 1.6(3.4)x10^{-9}
P''_{topo} (s/s^2) = 0.0(4.1)x10^{-10}
P_{bary} (ms) = 4.625900(24)
P'_{bary} (s/s) = 1.6(3.4)x10^{-9}
P''_{bary} (s/s^2) = 0.0(4.1)x10^{-10}
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
H
Time (s)
Phase
Reduced χ^2
Fraction of Observation
Sub-band
Frequency (MHz)
DM (pc/cm^3)
P-dot − 1.5994e−09 (s/s)
Period − 4.62561965 (ms)
Freq − 216.187252 (Hz)
F-dot + 7.4749e−05 (Hz/s)
4bit_puppi_56801_Strip61_1335.0003.D191155+1345.0001.fits
jdeneva 11−Aug−2022 12:22