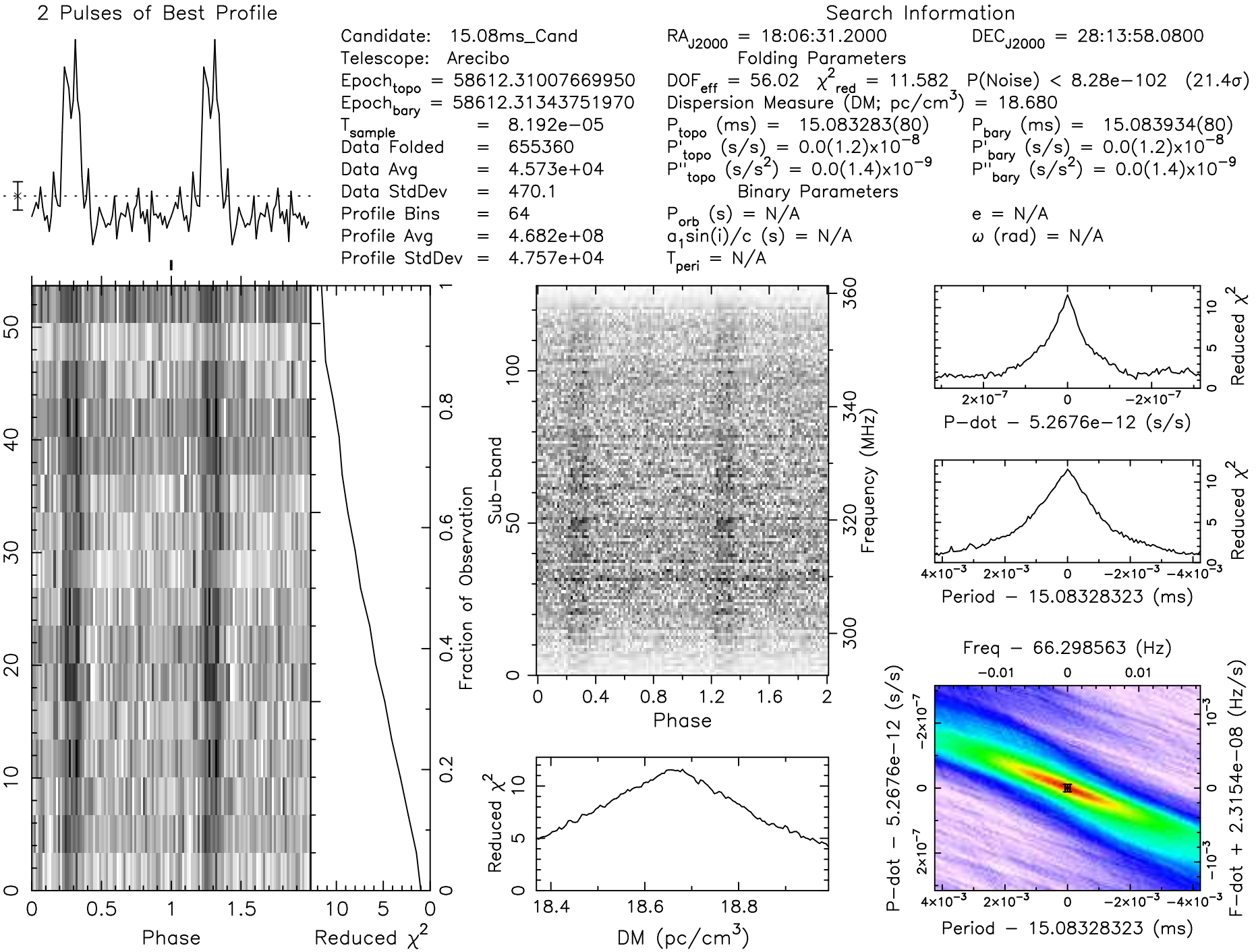
2 Pulses of Best Profile
Search Information
Candidate: 15.08ms_Cand
Telescope: Arecibo
Epoch$_{topo}$ = 58612.31007669950
Epoch$_{bary}$ = 58612.31343751970
T_{sample} = 8.192e−05
Data Folded = 655360
Data Avg = 4.573e+04
Data StdDev = 470.1
Profile Bins = 64
Profile Avg = 4.682e+08
Profile StdDev = 4.757e+04
RA$_{J2000}$ = 18:06:31.2000
DEC$_{J2000}$ = 28:13:58.0800
Folding Parameters
DOF$_{eff}$ = 56.02 χ^2_{red} = 11.582 P(Noise) < 8.28e−102 (21.4σ)
Dispersion Measure (DM; pc/cm^3) = 18.680
P_{topo} (ms) = 15.083283(80)
P'_{topo} (s/s) = 0.0(1.2)x10^{-8}
P''_{topo} (s/s^2) = 0.0(1.4)x10^{-9}
P_{bary} (ms) = 15.083934(80)
P'_{bary} (s/s) = 0.0(1.2)x10^{-8}
P''_{bary} (s/s^2) = 0.0(1.4)x10^{-9}
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 − 5.2676e−12 (s/s)
Period − 15.08328323 (ms)
Freq − 66.298563 (Hz)
P−dot − 5.2676e−12 (s/s)
F−dot + 2.3154e−08 (Hz/s)
4bit_puppi_58612_Strip31_0548.0001.D180631+2813.0001.fits
jdeneva 10−Aug−2022 15:59