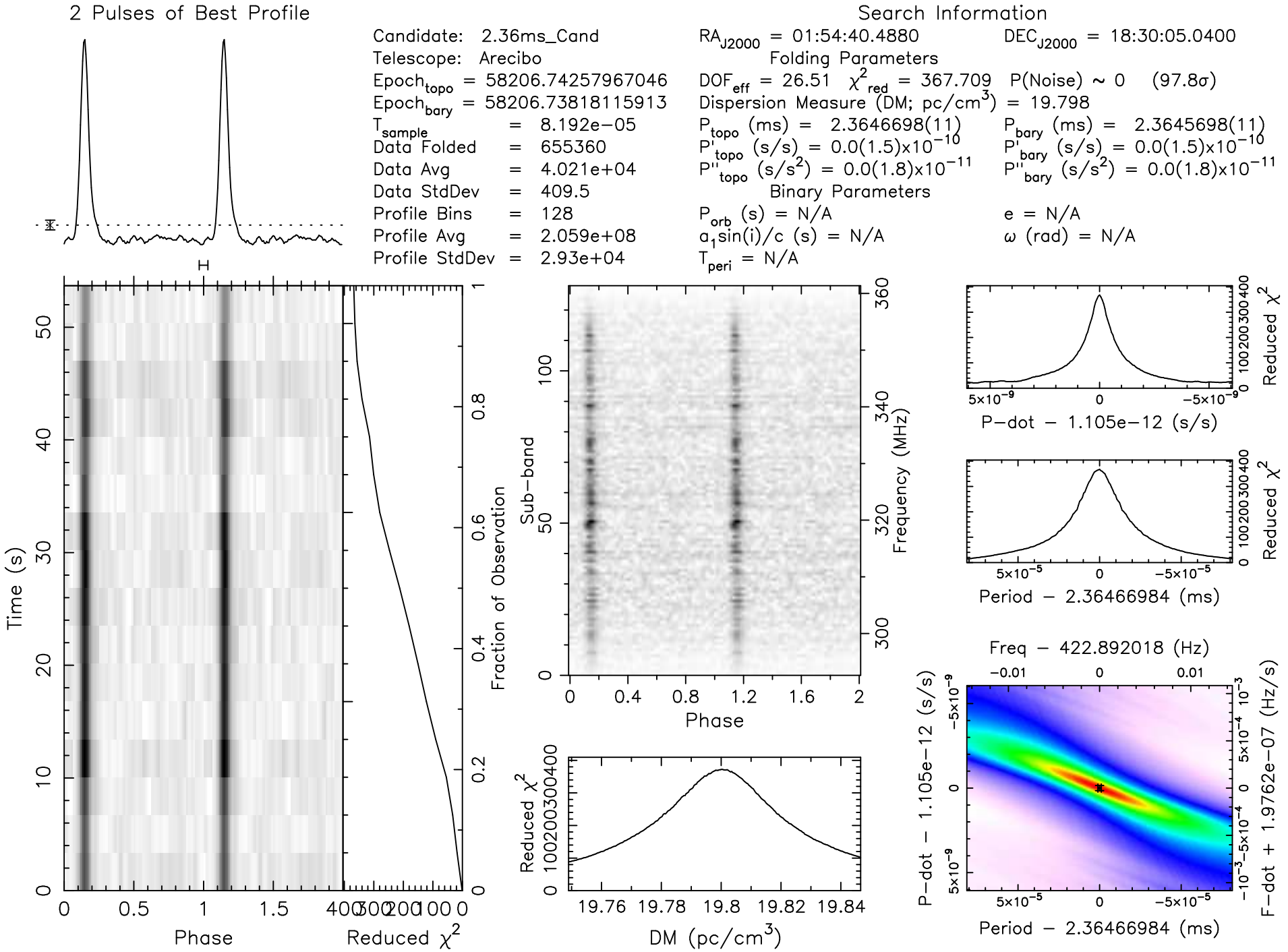
2 Pulses of Best Profile
Search Information
Candidate: 2.36ms_Cand
Telescope: Arecibo
Epoch_topo = 58206.74257967046
Epoch_bary = 58206.73818115913
T_sample = 8.192e-05
Data Folded = 655360
Data Avg = 4.021e+04
Data StdDev = 409.5
Profile Bins = 128
Profile Avg = 2.059e+08
Profile StdDev = 2.93e+04
RA_J2000 = 01:54:40.4880
DEC_J2000 = 18:30:05.0400
Folding Parameters
DOF_eff = 26.51 χ²_red = 367.709 P(Noise) ~ 0 (97.8σ)
Dispersion Measure (DM; pc/cm³) = 19.798
P_topo (ms) = 2.3646698(11)
P_bary (ms) = 2.3645698(11)
P'_topo (s/s) = 0.0(1.5)x10⁻¹⁰
P'_bary (s/s) = 0.0(1.5)x10⁻¹⁰
P''_topo (s/s²) = 0.0(1.8)x10⁻¹¹
P''_bary (s/s²) = 0.0(1.8)x10⁻¹¹
Binary Parameters
P_orb (s) = N/A
e = N/A
a₁sin(i)/c (s) = N/A
ω (rad) = N/A
T_peri = N/A
Time (s)
Phase
Reduced χ²
Fraction of Observation
Sub-band
Frequency (MHz)
DM (pc/cm³)
P-dot − 1.105e-12 (s/s)
Period − 2.36466984 (ms)
Freq − 422.892018 (Hz)
P-dot − 1.105e-12 (s/s)
F-dot + 1.9762e-07 (Hz/s)
4bit_puppi_58206_Strip903_0176.0001.D015440+1830.0001.fits
jdeneva 3-Aug-2022 12:54