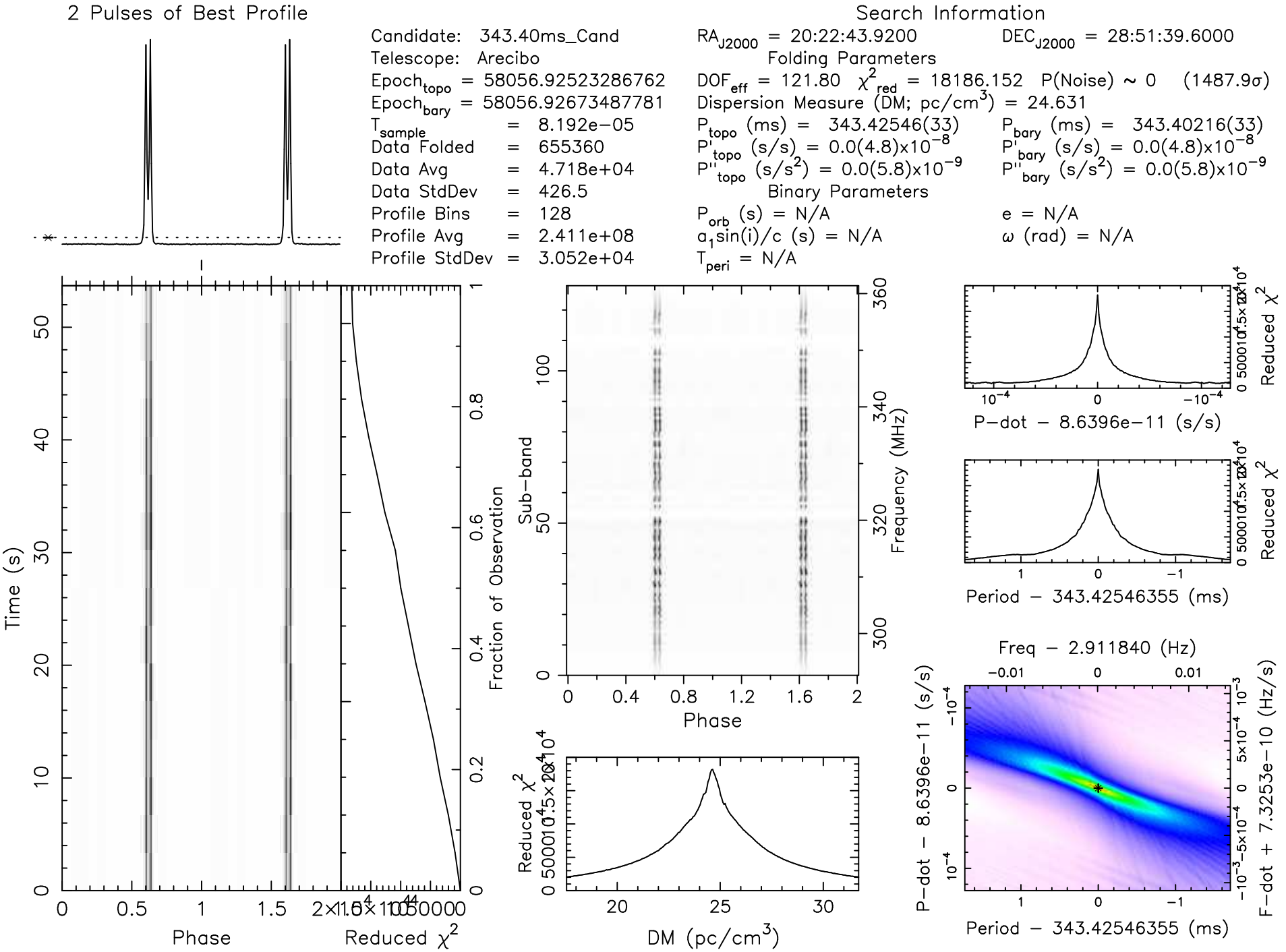
2 Pulses of Best Profile
Search Information
Candidate: 343.40ms_Cand
Telescope: Arecibo
Epoch_topo = 58056.92523286762
Epoch_bary = 58056.92673487781
T_sample = 8.192e-05
Data Folded = 655360
Data Avg = 4.718e+04
Data StdDev = 426.5
Profile Bins = 128
Profile Avg = 2.411e+08
Profile StdDev = 3.052e+04
RA_J2000 = 20:22:43.9200
DEC_J2000 = 28:51:39.6000
Folding Parameters
DOF_eff = 121.80 χ²_red = 18186.152 P(Noise) ~ 0 (1487.9σ)
Dispersion Measure (DM; pc/cm³) = 24.631
P_topo (ms) = 343.42546(33)
P_bary (ms) = 343.40216(33)
P'_topo (s/s) = 0.0(4.8)x10⁻⁸
P'_bary (s/s) = 0.0(4.8)x10⁻⁸
P''_topo (s/s²) = 0.0(5.8)x10⁻⁹
P''_bary (s/s²) = 0.0(5.8)x10⁻⁹
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 − 8.6396e−11 (s/s)
Period − 343.42546355 (ms)
Freq − 2.911840 (Hz)
F-dot + 7.3253e−10 (Hz/s)
4bit_puppi_58056_Strip202_0566.0001.D202243+2851.0001.fits
jdeneva 28−Jul−2022 16:22