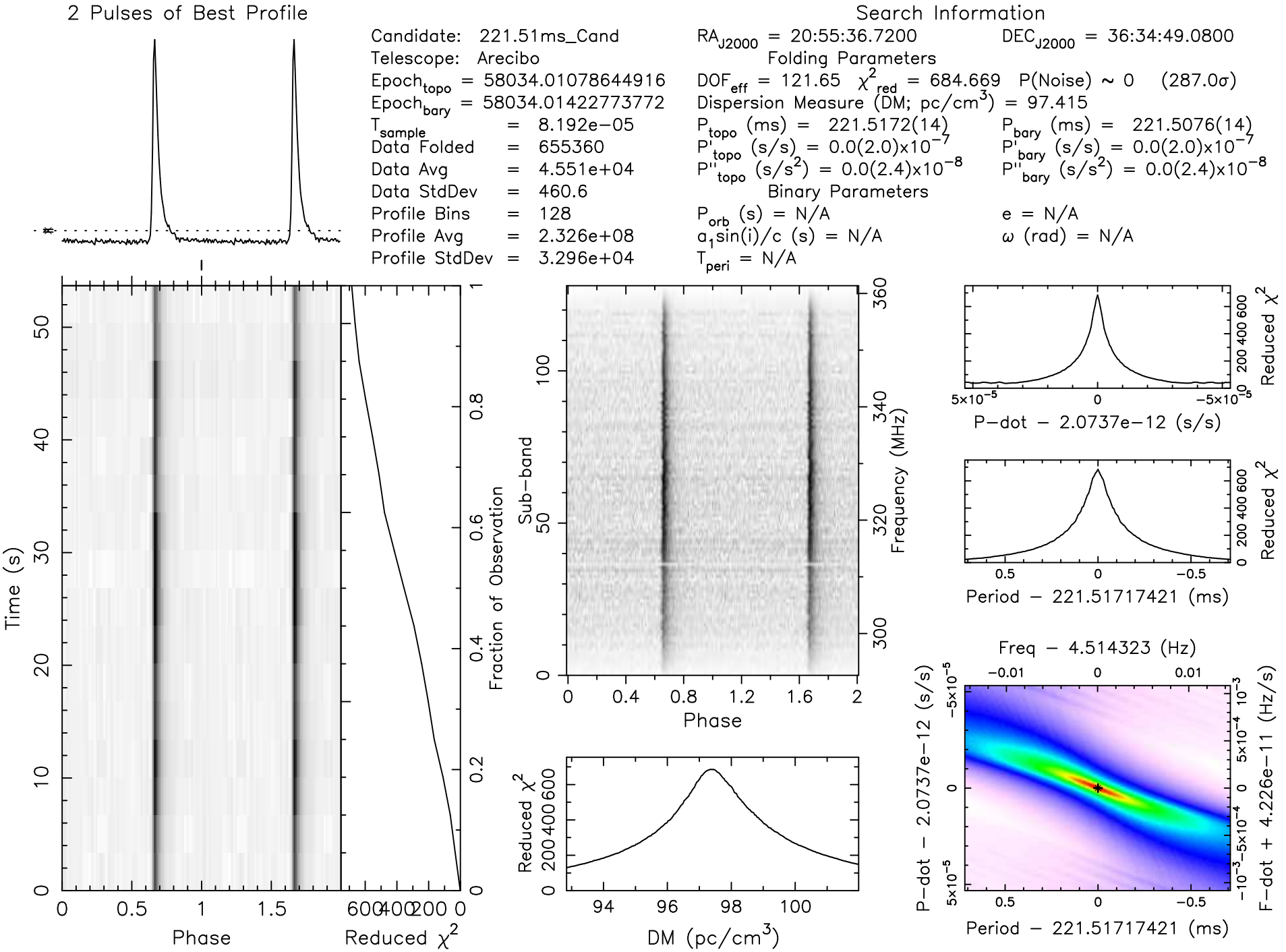
2 Pulses of Best Profile
Search Information
Candidate: 221.51ms_Cand
Telescope: Arecibo
Epoch_topo = 58034.01078644916
Epoch_bary = 58034.01422773772
T_sample = 8.192e-05
Data Folded = 655360
Data Avg = 4.551e+04
Data StdDev = 460.6
Profile Bins = 128
Profile Avg = 2.326e+08
Profile StdDev = 3.296e+04
RA_J2000 = 20:55:36.7200
DEC_J2000 = 36:34:49.0800
Folding Parameters
DOF_eff = 121.65 χ²_red = 684.669 P(Noise) ~ 0 (287.0σ)
Dispersion Measure (DM; pc/cm³) = 97.415
P_topo (ms) = 221.5172(14)
P_bary (ms) = 221.5076(14)
P'_topo (s/s) = 0.0(2.0)x10⁻⁷
P'_bary (s/s) = 0.0(2.0)x10⁻⁷
P''_topo (s/s²) = 0.0(2.4)x10⁻⁸
P''_bary (s/s²) = 0.0(2.4)x10⁻⁸
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 − 2.0737e-12 (s/s)
Period − 221.51717421 (ms)
Freq − 4.514323 (Hz)
P-dot − 2.0737e-12 (s/s)
F-dot + 4.226e-11 (Hz/s)
4bit_puppi_58033_Strip235_0207.0001.D205536+3634.0001.fits
jdeneva 28-Jul-2022 16:24