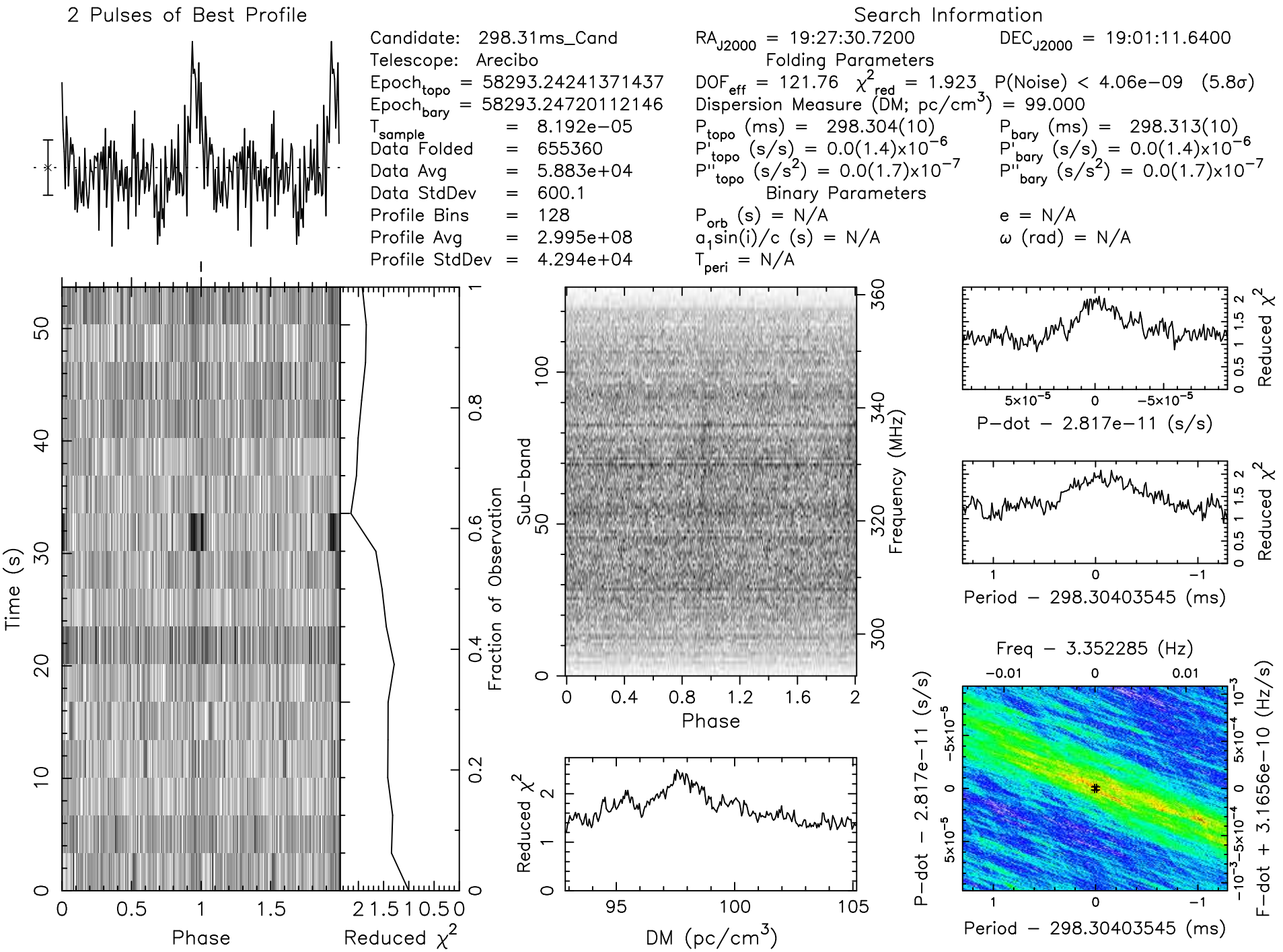
2 Pulses of Best Profile
Search Information
Candidate: 298.31ms_Cand
Telescope: Arecibo
Epoch_topo = 58293.24241371437
Epoch_bary = 58293.24720112146
T_sample = 8.192e-05
Data Folded = 655360
Data Avg = 5.883e+04
Data StdDev = 600.1
Profile Bins = 128
Profile Avg = 2.995e+08
Profile StdDev = 4.294e+04
RA_J2000 = 19:27:30.7200
DEC_J2000 = 19:01:11.6400
Folding Parameters
DOF_eff = 121.76 χ²_red = 1.923 P(Noise) < 4.06e-09 (5.8σ)
Dispersion Measure (DM; pc/cm³) = 99.000
P_topo (ms) = 298.304(10)
P_bary (ms) = 298.313(10)
P'_topo (s/s) = 0.0(1.4)x10⁻⁶
P'_bary (s/s) = 0.0(1.4)x10⁻⁶
P''_topo (s/s²) = 0.0(1.7)x10⁻⁷
P''_bary (s/s²) = 0.0(1.7)x10⁻⁷
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 - 2.817e-11 (s/s)
Period - 298.30403545 (ms)
Freq - 3.352285 (Hz)
F-dot + 3.1656e-10 (Hz/s)
4bit_puppi_58293_Strip12_0102.0001.D192730+1901.0001.fits
jdeneva 28-Jul-2022 16:20