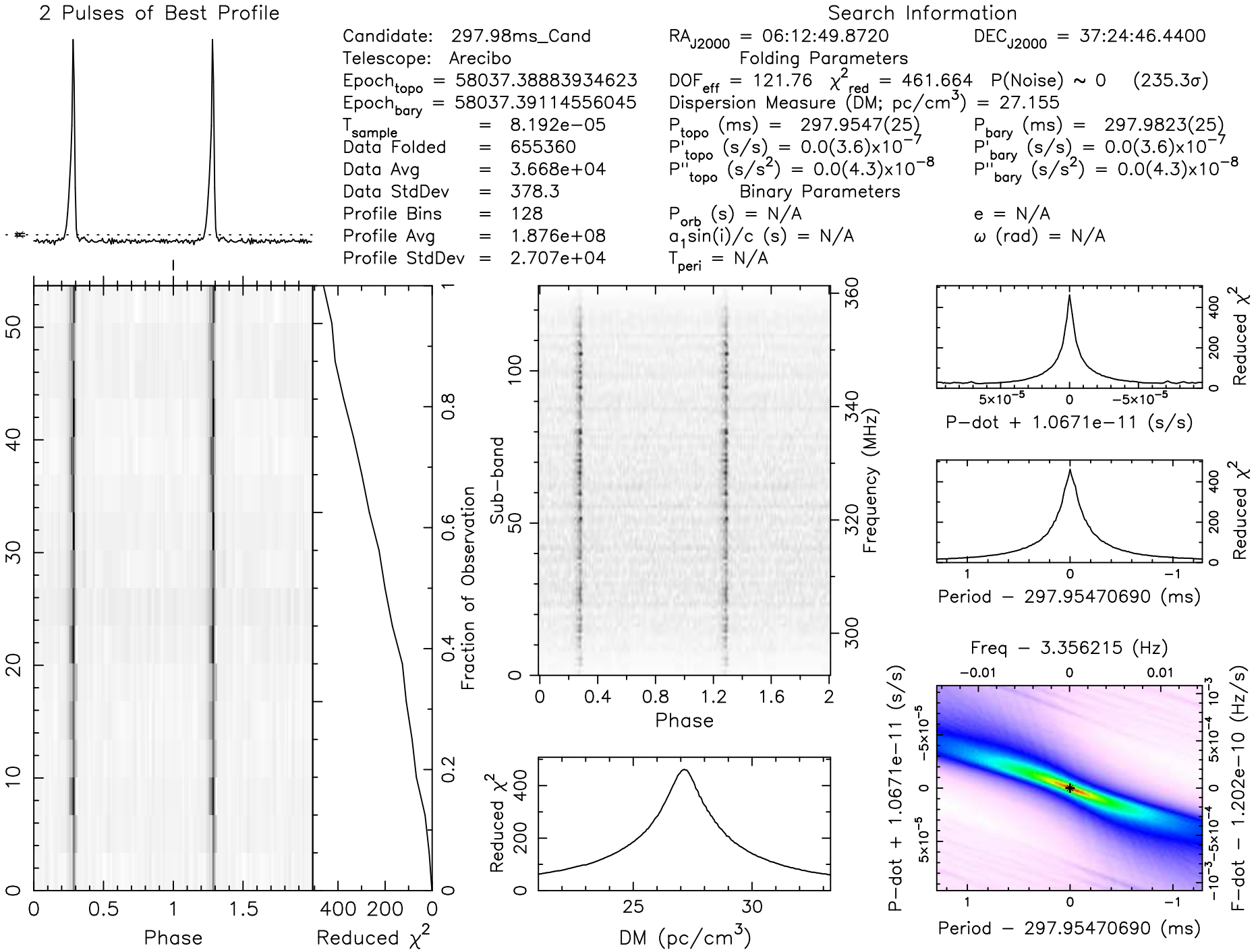
2 Pulses of Best Profile
Search Information
Candidate: 297.98ms_Cand
Telescope: Arecibo
Epoch_topo = 58037.38883934623
Epoch_bary = 58037.39114556045
T_sample = 8.192e-05
Data Folded = 655360
Data Avg = 3.668e+04
Data StdDev = 378.3
Profile Bins = 128
Profile Avg = 1.876e+08
Profile StdDev = 2.707e+04
RA_J2000 = 06:12:49.8720
DEC_J2000 = 37:24:46.4400
Folding Parameters
DOF_eff = 121.76 χ²_red = 461.664 P(Noise) ~ 0 (235.3σ)
Dispersion Measure (DM; pc/cm³) = 27.155
P_topo (ms) = 297.9547(25)
P_bary (ms) = 297.9823(25)
P'_topo (s/s) = 0.0(3.6)x10⁻⁷
P'_bary (s/s) = 0.0(3.6)x10⁻⁷
P''_topo (s/s²) = 0.0(4.3)x10⁻⁸
P''_bary (s/s²) = 0.0(4.3)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 + 1.0671e-11 (s/s)
Period - 297.95470690 (ms)
Freq - 3.356215 (Hz)
P-dot + 1.0671e-11 (s/s)
F-dot - 1.202e-10 (Hz/s)
4bit_puppi_58037_Strip238_0282.0001.D061249+3724.0001.fits
jdeneva 28-Jul-2022 16:15