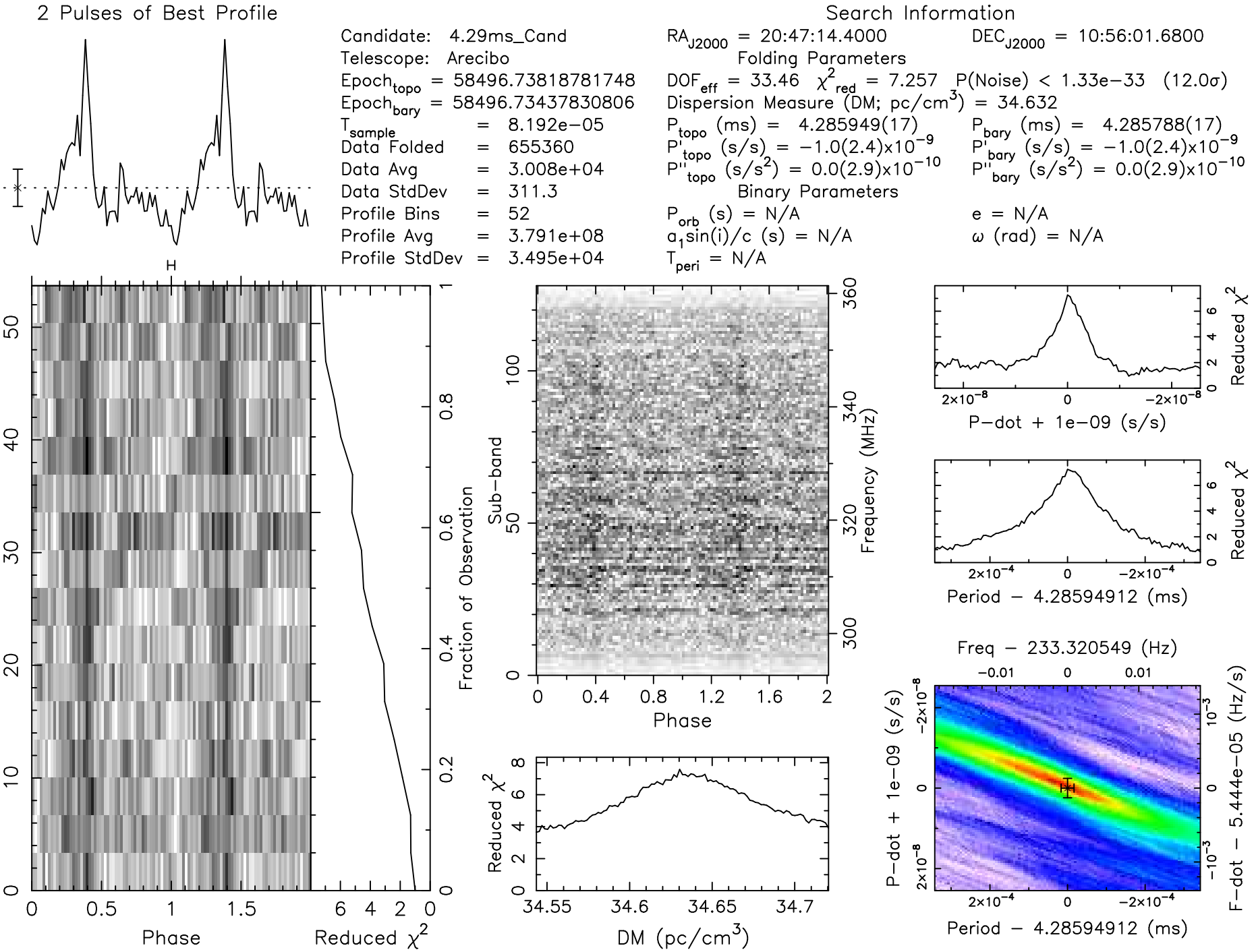
2 Pulses of Best Profile
Search Information
Candidate: 4.29ms_Cand
Telescope: Arecibo
Epoch_topo = 58496.73818781748
Epoch_bary = 58496.73437830806
T_sample = 8.192e-05
Data Folded = 655360
Data Avg = 3.008e+04
Data StdDev = 311.3
Profile Bins = 52
Profile Avg = 3.791e+08
Profile StdDev = 3.495e+04
RA_J2000 = 20:47:14.4000
DEC_J2000 = 10:56:01.6800
Folding Parameters
DOF_eff = 33.46 χ²_red = 7.257 P(Noise) < 1.33e-33 (12.0σ)
Dispersion Measure (DM; pc/cm³) = 34.632
P_topo (ms) = 4.285949(17)
P_bary (ms) = 4.285788(17)
P'_topo (s/s) = -1.0(2.4)x10⁻⁹
P'_bary (s/s) = -1.0(2.4)x10⁻⁹
P''_topo (s/s²) = 0.0(2.9)x10⁻¹⁰
P''_bary (s/s²) = 0.0(2.9)x10⁻¹⁰
Binary Parameters
P_orb (s) = N/A
e = N/A
a₁sin(i)/c (s) = N/A
ω (rad) = N/A
T_peri = N/A
H
Time (s)
Phase
Reduced χ²
Fraction of Observation
Sub-band
Frequency (MHz)
DM (pc/cm³)
P-dot + 1e-09 (s/s)
Period - 4.28594912 (ms)
Freq - 233.320549 (Hz)
F-dot - 5.444e-05 (Hz/s)
4bit_puppi_58496_Strip37_1276.0001.D204714+1056.0001.fits
jdeneva 11-Aug-2022 17:10