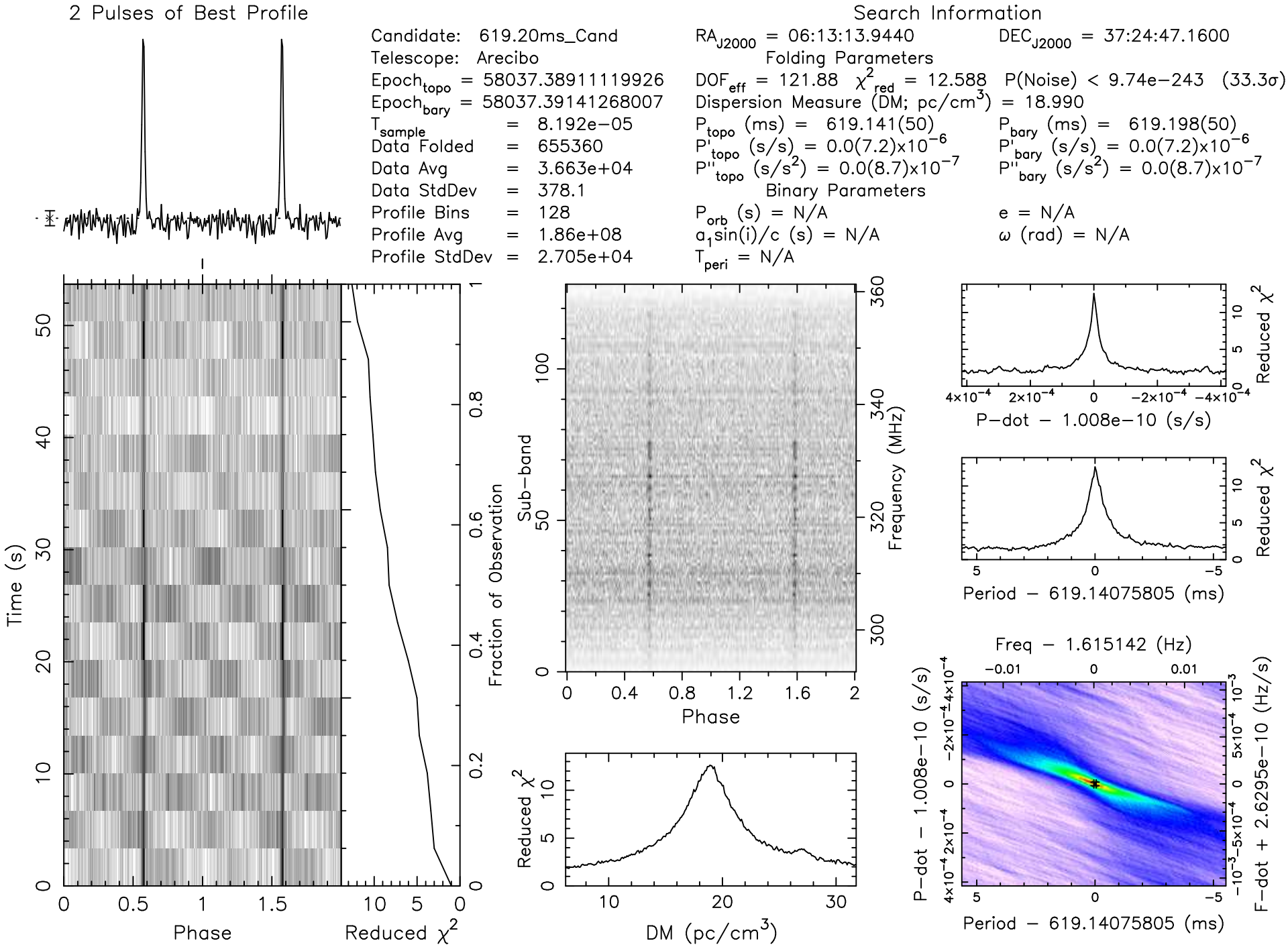
2 Pulses of Best Profile
Search Information
Candidate: 619.20ms_Cand
Telescope: Arecibo
Epoch_topo = 58037.38911119926
Epoch_bary = 58037.39141268007
T_sample = 8.192e-05
Data Folded = 655360
Data Avg = 3.663e+04
Data StdDev = 378.1
Profile Bins = 128
Profile Avg = 1.86e+08
Profile StdDev = 2.705e+04
RA_J2000 = 06:13:13.9440
DEC_J2000 = 37:24:47.1600
Folding Parameters
DOF_eff = 121.88 χ²_red = 12.588 P(Noise) < 9.74e-243 (33.3σ)
Dispersion Measure (DM; pc/cm³) = 18.990
P_topo (ms) = 619.141(50)
P_bary (ms) = 619.198(50)
P'_topo (s/s) = 0.0(7.2)x10⁻⁶
P'_bary (s/s) = 0.0(7.2)x10⁻⁶
P''_topo (s/s²) = 0.0(8.7)x10⁻⁷
P''_bary (s/s²) = 0.0(8.7)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 - 1.008e-10 (s/s)
Period - 619.14075805 (ms)
Freq - 1.615142 (Hz)
F-dot + 2.6295e-10 (Hz/s)
4bit_puppi_58037_Strip238_0282.0001.D061313+3724.0001.fits
jdeneva 3-Aug-2022 13:03