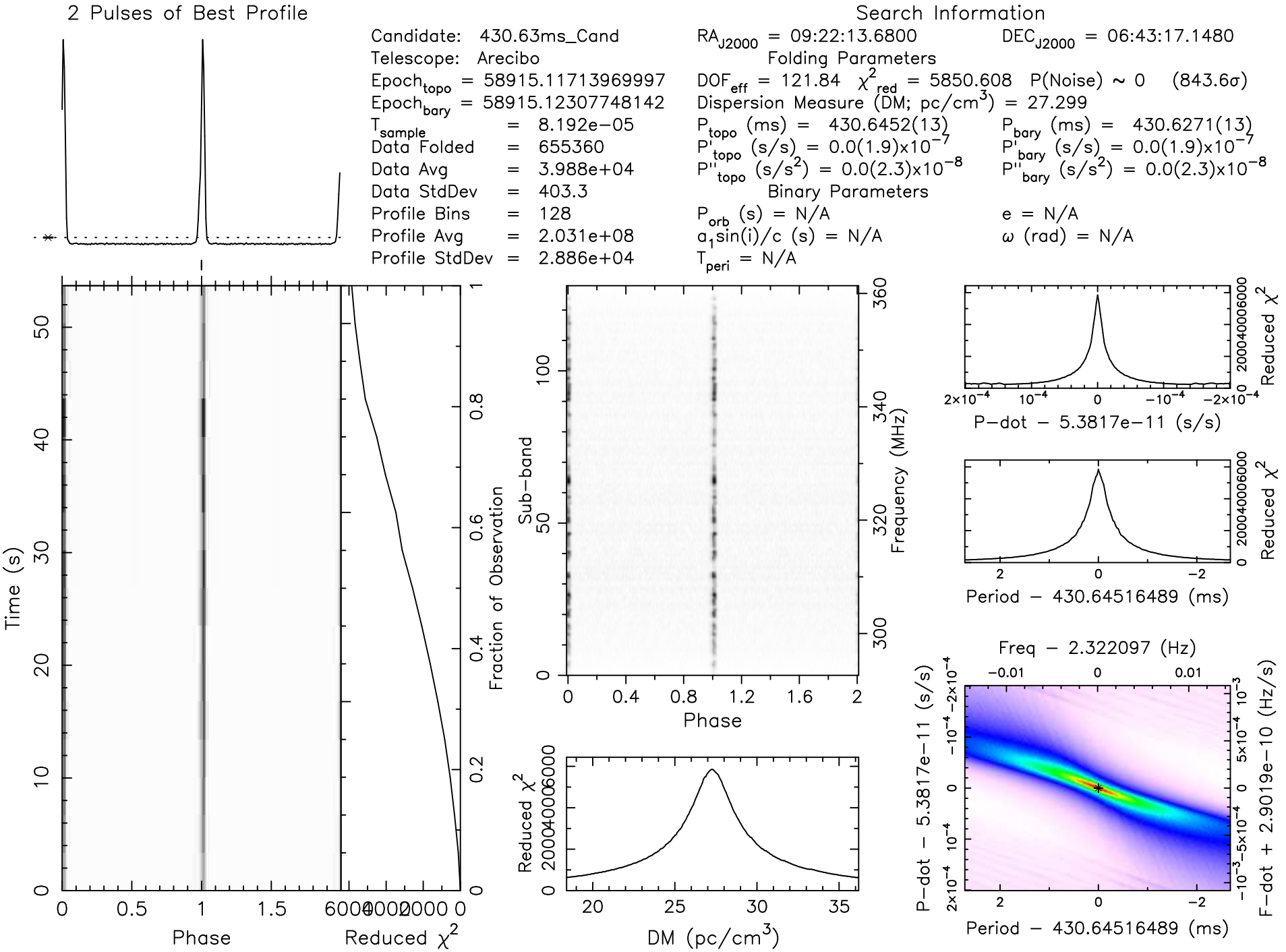
2 Pulses of Best Profile
Search Information
Candidate: 430.63ms_Cand
Telescope: Arecibo
Epoch_topo = 58915.11713969997
Epoch_bary = 58915.12307748142
T_sample = 8.192e-05
Data Folded = 655360
Data Avg = 3.988e+04
Data StdDev = 403.3
Profile Bins = 128
Profile Avg = 2.031e+08
Profile StdDev = 2.886e+04
RA_J2000 = 09:22:13.6800
DEC_J2000 = 06:43:17.1480
Folding Parameters
DOF_eff = 121.84 χ²_red = 5850.608 P(Noise) ~ 0 (843.6σ)
Dispersion Measure (DM; pc/cm³) = 27.299
P_topo (ms) = 430.6452(13)
P_bary (ms) = 430.6271(13)
P'_topo (s/s) = 0.0(1.9)x10⁻⁷
P'_bary (s/s) = 0.0(1.9)x10⁻⁷
P''_topo (s/s²) = 0.0(2.3)x10⁻⁸
P''_bary (s/s²) = 0.0(2.3)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 − 5.3817e-11 (s/s)
Period − 430.64516489 (ms)
Freq − 2.322097 (Hz)
F-dot + 2.9019e-10 (Hz/s)
4bit_puppi_58915_Strip100_0142.0001.D092213+0643.0001.fits
jdeneva 28−Jul−2022 16:17