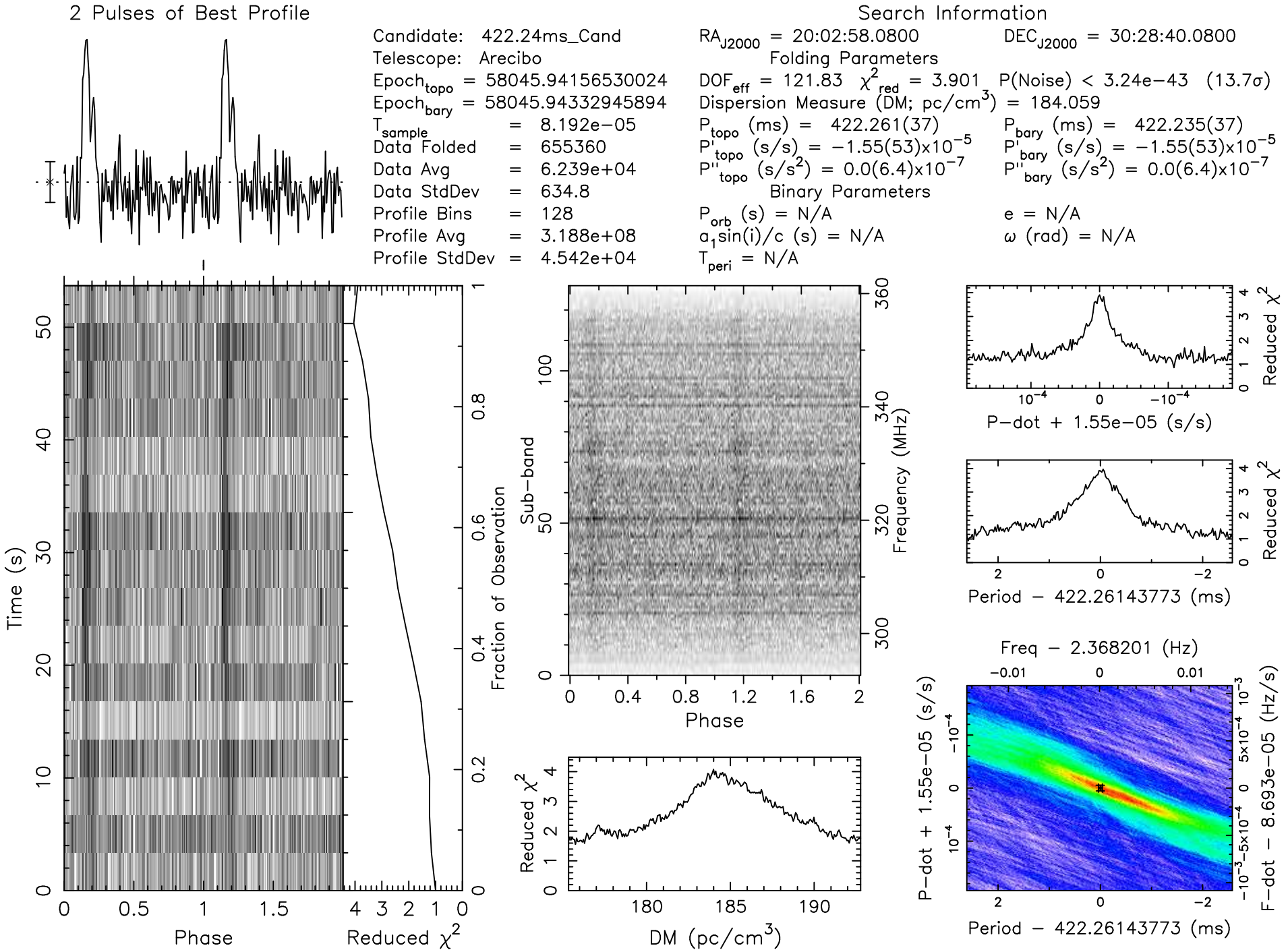
2 Pulses of Best Profile
Search Information
Candidate: 422.24ms_Cand
Telescope: Arecibo
Epoch_topo = 58045.94156530024
Epoch_bary = 58045.94332945894
T_sample = 8.192e−05
Data Folded = 655360
Data Avg = 6.239e+04
Data StdDev = 634.8
Profile Bins = 128
Profile Avg = 3.188e+08
Profile StdDev = 4.542e+04
RA_J2000 = 20:02:58.0800
DEC_J2000 = 30:28:40.0800
Folding Parameters
DOF_eff = 121.83 χ²_red = 3.901 P(Noise) < 3.24e−43 (13.7σ)
Dispersion Measure (DM; pc/cm³) = 184.059
P_topo (ms) = 422.261(37)
P_bary (ms) = 422.235(37)
P'_topo (s/s) = −1.55(53)x10⁻⁵
P'_bary (s/s) = −1.55(53)x10⁻⁵
P''_topo (s/s²) = 0.0(6.4)x10⁻⁷
P''_bary (s/s²) = 0.0(6.4)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 + 1.55e−05 (s/s)
Period − 422.26143773 (ms)
Freq − 2.368201 (Hz)
P−dot + 1.55e−05 (s/s)
F−dot − 8.693e−05 (Hz/s)
4bit_puppi_58045_Strip209_0398.0001.D200258+3028.0001.fits
jdeneva 11−Aug−2022 14:15