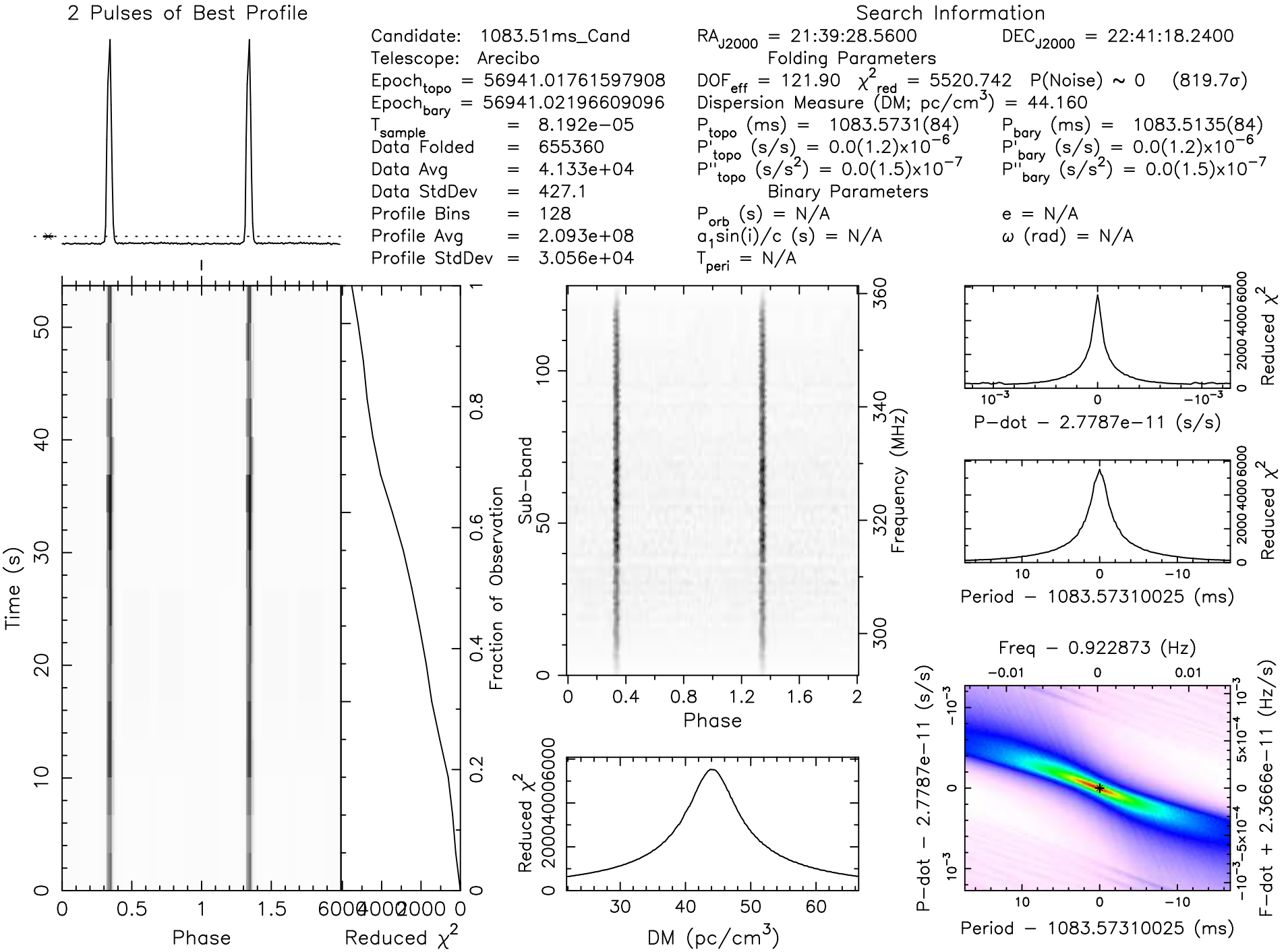
2 Pulses of Best Profile
Search Information
Candidate: 1083.51ms_Cand
Telescope: Arecibo
Epoch_topo = 56941.01761597908
Epoch_bary = 56941.02196609096
T_sample = 8.192e-05
Data Folded = 655360
Data Avg = 4.133e+04
Data StdDev = 427.1
Profile Bins = 128
Profile Avg = 2.093e+08
Profile StdDev = 3.056e+04
RA_J2000 = 21:39:28.5600
DEC_J2000 = 22:41:18.2400
Folding Parameters
DOF_eff = 121.90 χ²_red = 5520.742 P(Noise) ~ 0 (819.7σ)
Dispersion Measure (DM; pc/cm³) = 44.160
P_topo (ms) = 1083.5731(84)
P_bary (ms) = 1083.5135(84)
P'_topo (s/s) = 0.0(1.2)x10⁻⁶
P'_bary (s/s) = 0.0(1.2)x10⁻⁶
P''_topo (s/s²) = 0.0(1.5)x10⁻⁷
P''_bary (s/s²) = 0.0(1.5)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 − 2.7787e-11 (s/s)
Period − 1083.57310025 (ms)
Freq − 0.922873 (Hz)
P-dot − 2.7787e-11 (s/s)
F-dot + 2.3666e-11 (Hz/s)
4bit_puppi_56940_Strip71_0384.0002.D213928+2241.0001.fits
jdeneva 3-Aug-2022 13:59