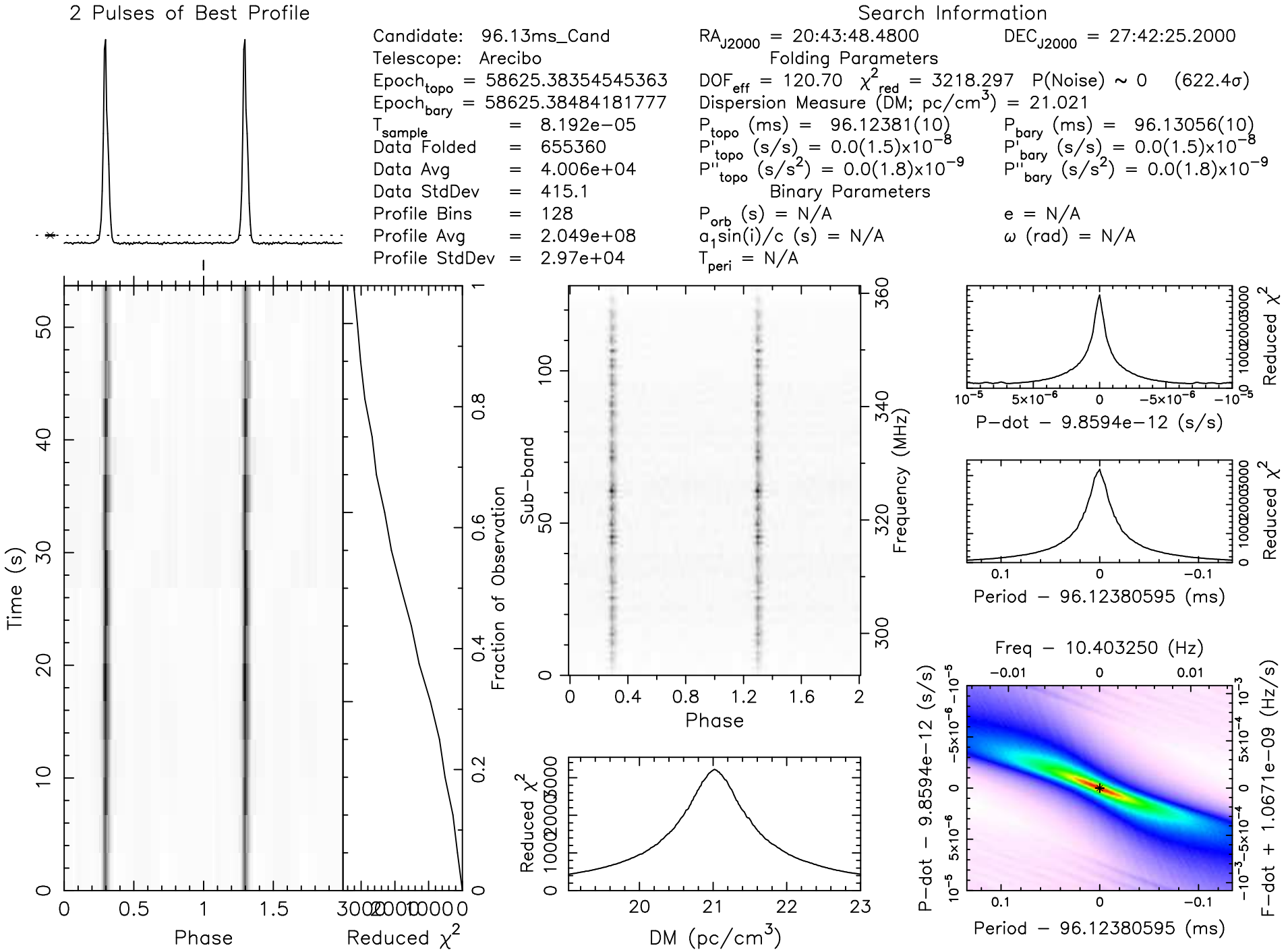
2 Pulses of Best Profile
Search Information
Candidate: 96.13ms_Cand
Telescope: Arecibo
Epoch_topo = 58625.38354545363
Epoch_bary = 58625.38484181777
T_sample = 8.192e-05
Data Folded = 655360
Data Avg = 4.006e+04
Data StdDev = 415.1
Profile Bins = 128
Profile Avg = 2.049e+08
Profile StdDev = 2.97e+04
RA_J2000 = 20:43:48.4800
DEC_J2000 = 27:42:25.2000
Folding Parameters
DOF_eff = 120.70 χ²_red = 3218.297 P(Noise) ~ 0 (622.4σ)
Dispersion Measure (DM; pc/cm³) = 21.021
P_topo (ms) = 96.12381(10)
P_bary (ms) = 96.13056(10)
P'_topo (s/s) = 0.0(1.5)x10⁻⁸
P'_bary (s/s) = 0.0(1.5)x10⁻⁸
P''_topo (s/s²) = 0.0(1.8)x10⁻⁹
P''_bary (s/s²) = 0.0(1.8)x10⁻⁹
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 − 9.8594e-12 (s/s)
Period − 96.12380595 (ms)
Freq − 10.403250 (Hz)
P-dot − 9.8594e-12 (s/s)
F-dot + 1.0671e-09 (Hz/s)
4bit_puppi_58625_Strip29_0912.0001.D204348+2742.0001.fits
jdeneva 3-Aug-2022 13:55