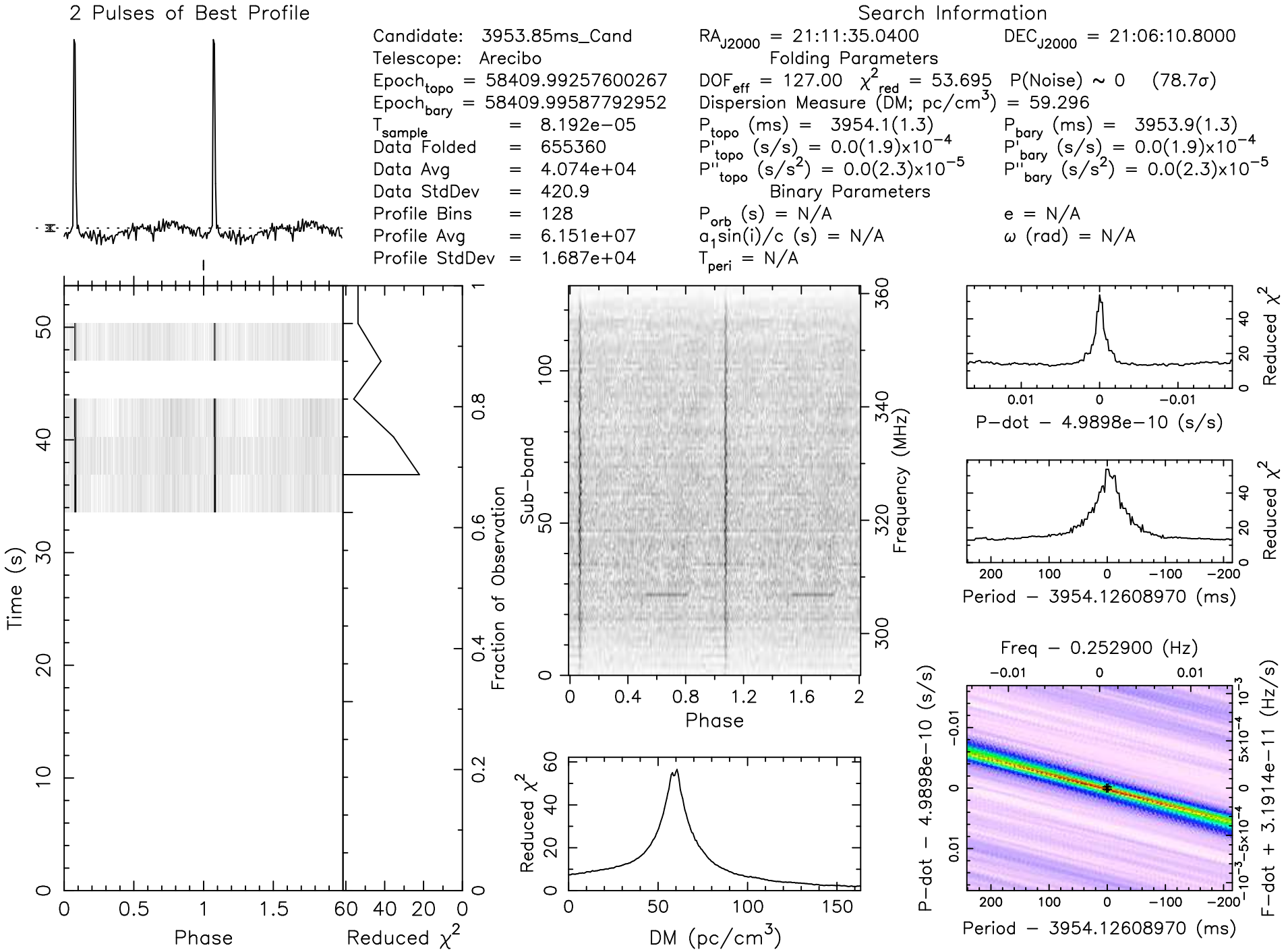
2 Pulses of Best Profile
Search Information
Candidate: 3953.85ms_Cand
Telescope: Arecibo
Epoch_topo = 58409.99257600267
Epoch_bary = 58409.99587792952
T_sample = 8.192e-05
Data Folded = 655360
Data Avg = 4.074e+04
Data StdDev = 420.9
Profile Bins = 128
Profile Avg = 6.151e+07
Profile StdDev = 1.687e+04
RA_J2000 = 21:11:35.0400
DEC_J2000 = 21:06:10.8000
Folding Parameters
DOF_eff = 127.00 χ²_red = 53.695 P(Noise) ~ 0 (78.7σ)
Dispersion Measure (DM; pc/cm³) = 59.296
P_topo (ms) = 3954.1(1.3)
P_bary (ms) = 3953.9(1.3)
P'_topo (s/s) = 0.0(1.9)x10⁻⁴
P'_bary (s/s) = 0.0(1.9)x10⁻⁴
P''_topo (s/s²) = 0.0(2.3)x10⁻⁵
P''_bary (s/s²) = 0.0(2.3)x10⁻⁵
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 − 4.9898e-10 (s/s)
Period − 3954.12608970 (ms)
Freq − 0.252900 (Hz)
P-dot − 4.9898e-10 (s/s)
F-dot + 3.1914e-11 (Hz/s)
4bit_puppi_58409_Strip79_0513.0001.D211135+2106.0001.fits
jdeneva 15-Aug-2022 14:33