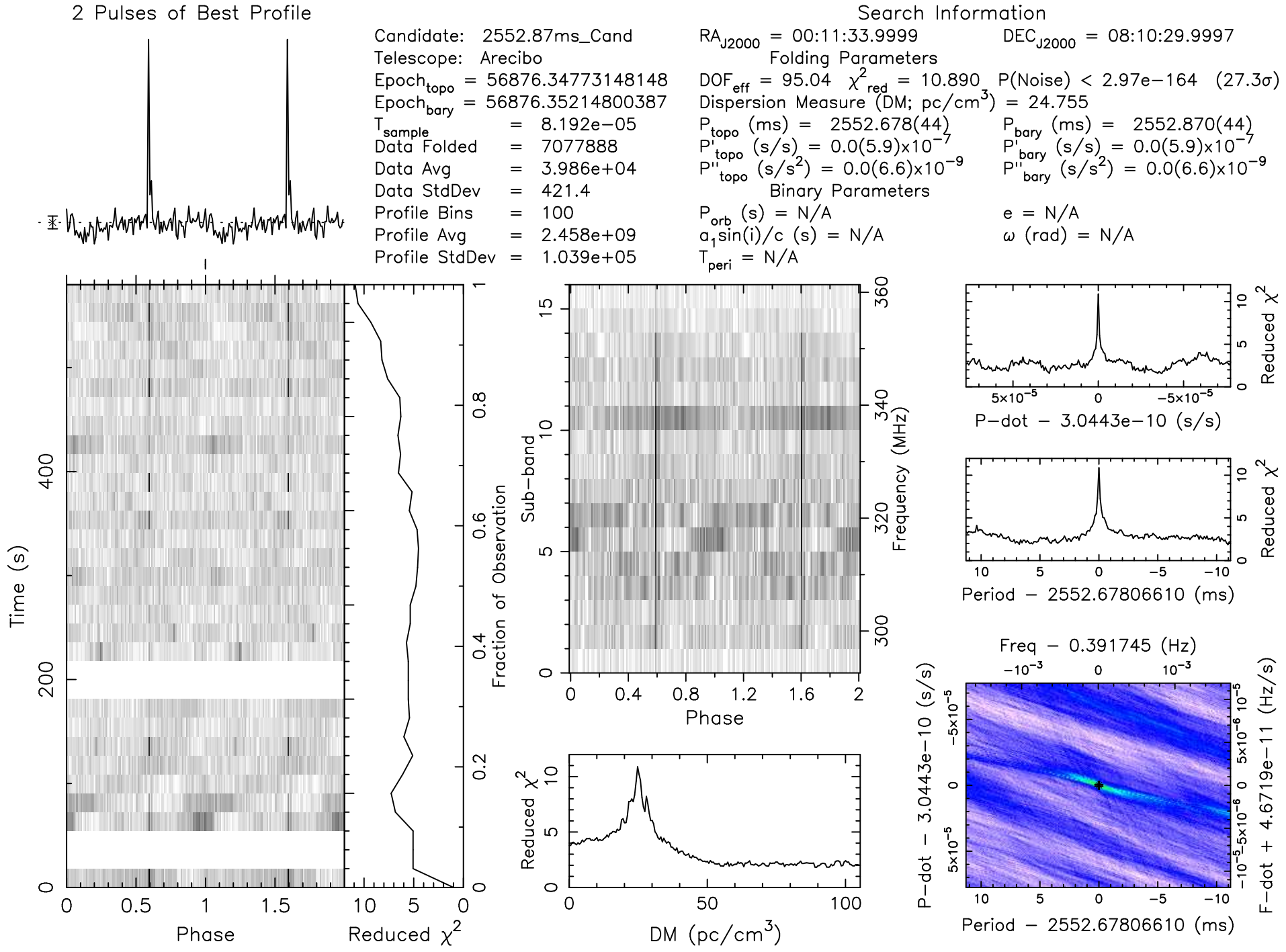
2 Pulses of Best Profile
Search Information
Candidate: 2552.87ms_Cand
Telescope: Arecibo
Epoch_topo = 56876.34773148148
Epoch_bary = 56876.35214800387
T_sample = 8.192e-05
Data Folded = 7077888
Data Avg = 3.986e+04
Data StdDev = 421.4
Profile Bins = 100
Profile Avg = 2.458e+09
Profile StdDev = 1.039e+05
RA_J2000 = 00:11:33.9999
DEC_J2000 = 08:10:29.9997
Folding Parameters
DOF_eff = 95.04 χ²_red = 10.890 P(Noise) < 2.97e-164 (27.3σ)
Dispersion Measure (DM; pc/cm³) = 24.755
P_topo (ms) = 2552.678(44)
P_bary (ms) = 2552.870(44)
P'_topo (s/s) = 0.0(5.9)x10⁻⁷
P'_bary (s/s) = 0.0(5.9)x10⁻⁷
P''_topo (s/s²) = 0.0(6.6)x10⁻⁹
P''_bary (s/s²) = 0.0(6.6)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 − 3.0443e-10 (s/s)
Period − 2552.67806610 (ms)
Freq − 0.391745 (Hz)
F-dot + 4.6719e-11 (Hz/s)
puppi_56876_J0011+08_0512_0001.fits
gpu 7-Aug-2014 11:45