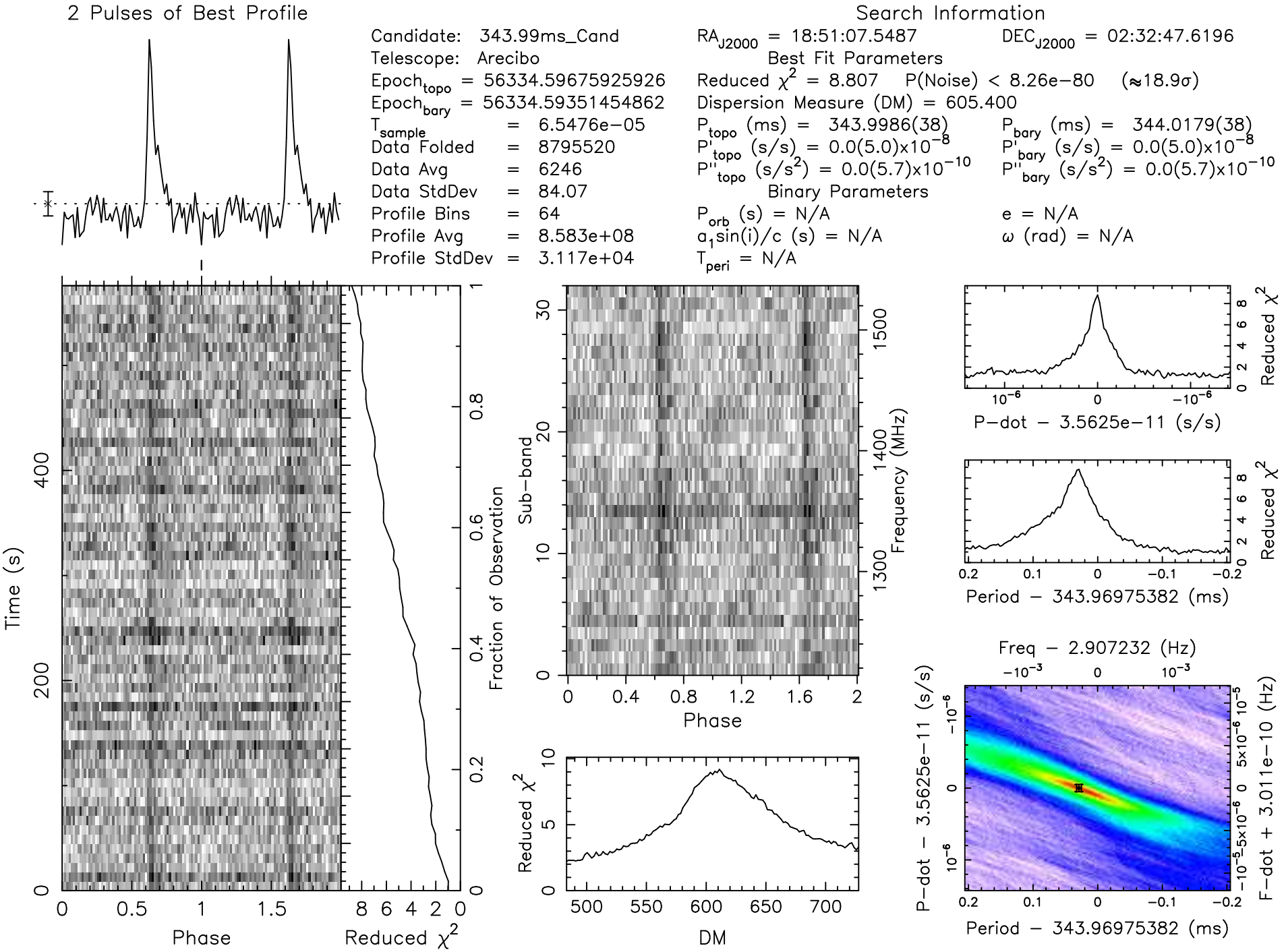
2 Pulses of Best Profile
Search Information
Candidate: 343.99ms_Cand
Telescope: Arecibo
Epoch$_{topo}$ = 56334.59675925926
Epoch$_{bary}$ = 56334.59351454862
T_{sample} = 6.5476e-05
Data Folded = 8795520
Data Avg = 6246
Data StdDev = 84.07
Profile Bins = 64
Profile Avg = 8.583e+08
Profile StdDev = 3.117e+04
RA$_{J2000}$ = 18:51:07.5487
DEC$_{J2000}$ = 02:32:47.6196
Best Fit Parameters
Reduced χ^2 = 8.807 P(Noise) < 8.26e-80 (≈18.9σ)
Dispersion Measure (DM) = 605.400
P_{topo} (ms) = 343.9986(38)
P'_{topo} (s/s) = 0.0(5.0)x10^{-8}
P''_{topo} (s/s^2) = 0.0(5.7)x10^{-10}
P_{bary} (ms) = 344.0179(38)
P'_{bary} (s/s) = 0.0(5.0)x10^{-8}
P''_{bary} (s/s^2) = 0.0(5.7)x10^{-10}
Binary Parameters
P_{orb} (s) = N/A
$a_1 \sin(i)/c$ (s) = N/A
T_{peri} = N/A
e = N/A
ω (rad) = N/A
Time (s)
Phase
Reduced χ^2
Fraction of Observation
Sub-band
Frequency (MHz)
DM
P-dot − 3.5625e-11 (s/s)
Period − 343.96975382 (ms)
Freq − 2.907232 (Hz)
F-dot + 3.011e-10 (Hz)
4bit-p2030.20130211.C1851+0232_244.b0_0001.fits
deneva 11-Feb-2013 14:06