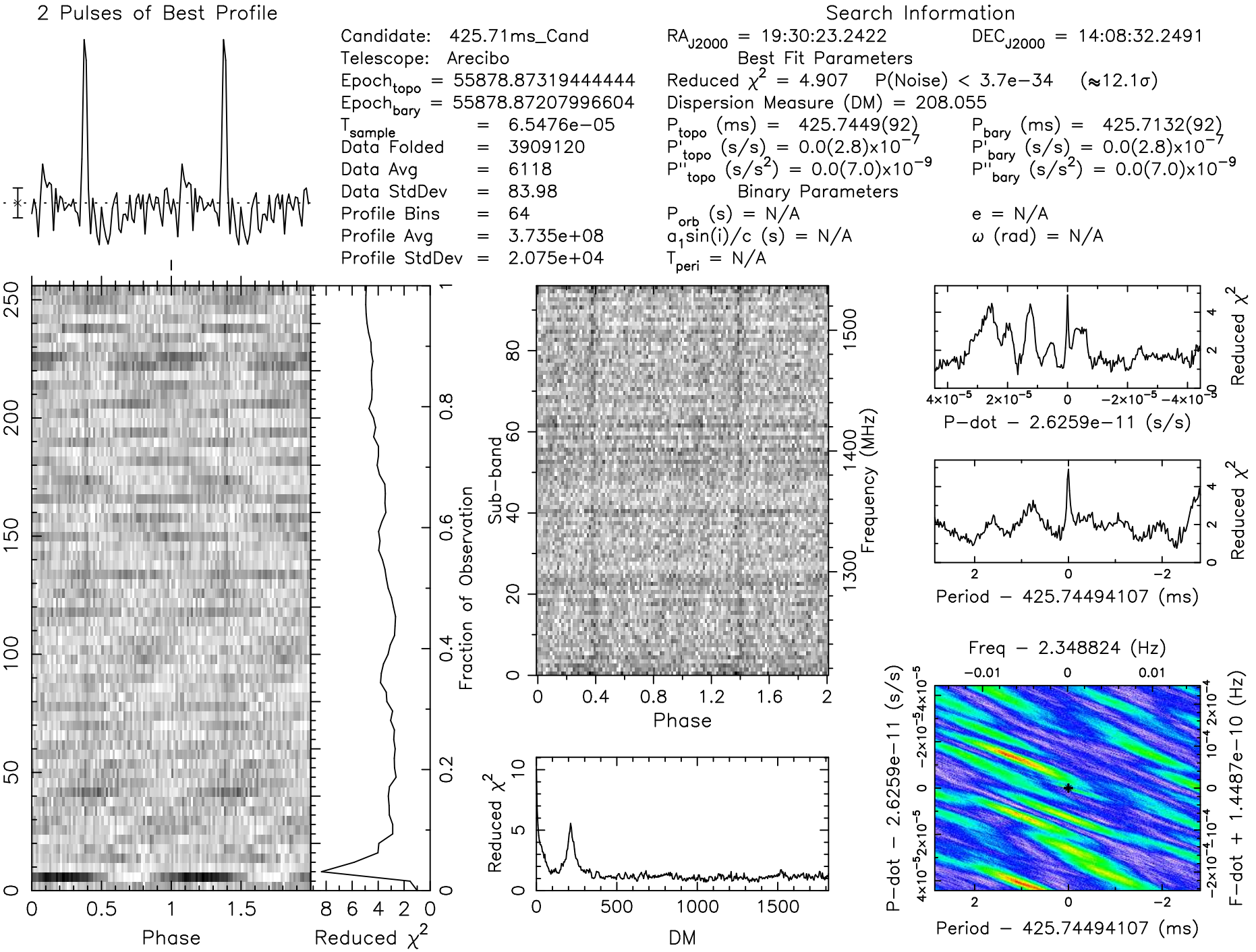
2 Pulses of Best Profile
Search Information
Candidate: 425.71ms_Cand
Telescope: Arecibo
Epoch$_{topo}$ = 55878.87319444444
Epoch$_{bary}$ = 55878.87207996604
T_{sample} = 6.5476e−05
Data Folded = 3909120
Data Avg = 6118
Data StdDev = 83.98
Profile Bins = 64
Profile Avg = 3.735e+08
Profile StdDev = 2.075e+04
RA$_{J2000}$ = 19:30:23.2422
DEC$_{J2000}$ = 14:08:32.2491
Best Fit Parameters
Reduced χ^2 = 4.907 P(Noise) < 3.7e−34 (≈12.1σ)
Dispersion Measure (DM) = 208.055
P_{topo} (ms) = 425.7449(92)
P'_{topo} (s/s) = 0.0(2.8)x10^{-7}
P''_{topo} (s/s^2) = 0.0(7.0)x10^{-9}
P_{bary} (ms) = 425.7132(92)
P'_{bary} (s/s) = 0.0(2.8)x10^{-7}
P''_{bary} (s/s^2) = 0.0(7.0)x10^{-9}
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 − 2.6259e−11 (s/s)
Period − 425.74494107 (ms)
Freq − 2.348824 (Hz)
F−dot + 1.4487e−10 (Hz)
4bit−p2030.20111113.C1930+1408_430.b0g0_0001.fits
pulsar 14−Nov−2011 08:21