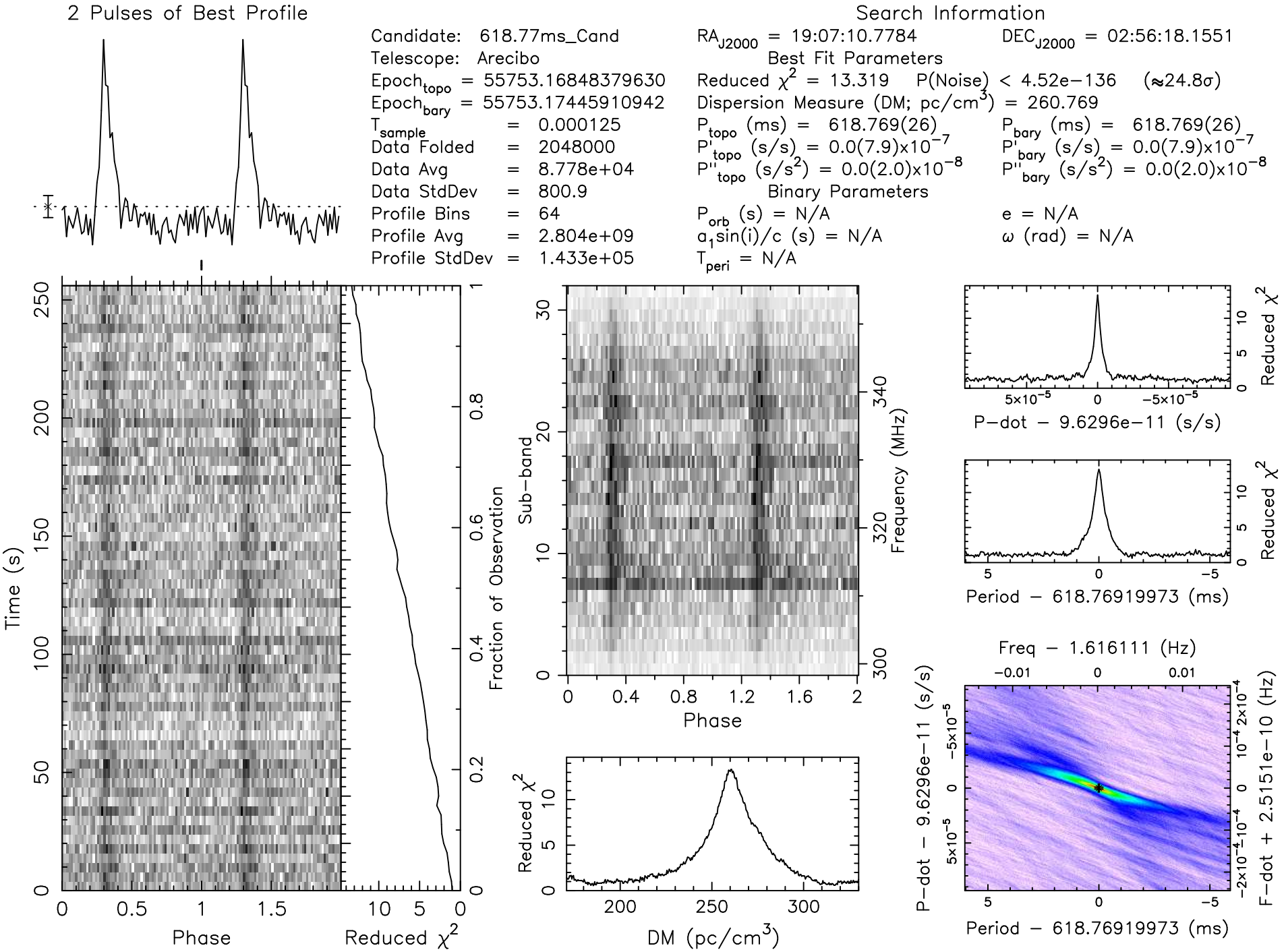
2 Pulses of Best Profile
Search Information
Candidate: 618.77ms_Cand
Telescope: Arecibo
Epoch$_{topo}$ = 55753.16848379630
Epoch$_{bary}$ = 55753.17445910942
T_{sample} = 0.000125
Data Folded = 2048000
Data Avg = 8.778e+04
Data StdDev = 800.9
Profile Bins = 64
Profile Avg = 2.804e+09
Profile StdDev = 1.433e+05
RA$_{J2000}$ = 19:07:10.7784
DEC$_{J2000}$ = 02:56:18.1551
Best Fit Parameters
Reduced χ^2 = 13.319 P(Noise) < 4.52e−136 (≈24.8σ)
Dispersion Measure (DM; pc/cm^3) = 260.769
P_{topo} (ms) = 618.769(26)
P'_{topo} (s/s) = 0.0(7.9)x10^{-7}
P''_{topo} (s/s^2) = 0.0(2.0)x10^{-8}
P_{bary} (ms) = 618.769(26)
P'_{bary} (s/s) = 0.0(7.9)x10^{-7}
P''_{bary} (s/s^2) = 0.0(2.0)x10^{-8}
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 (pc/cm^3)
P-dot − 9.6296e−11 (s/s)
Period − 618.76919973 (ms)
Freq − 1.616111 (Hz)
F-dot + 2.5151e−10 (Hz)
4bit−s2141.20110711.J1907+03.b0s1g0.00000.fits
school11 13−Jul−2011 14:05