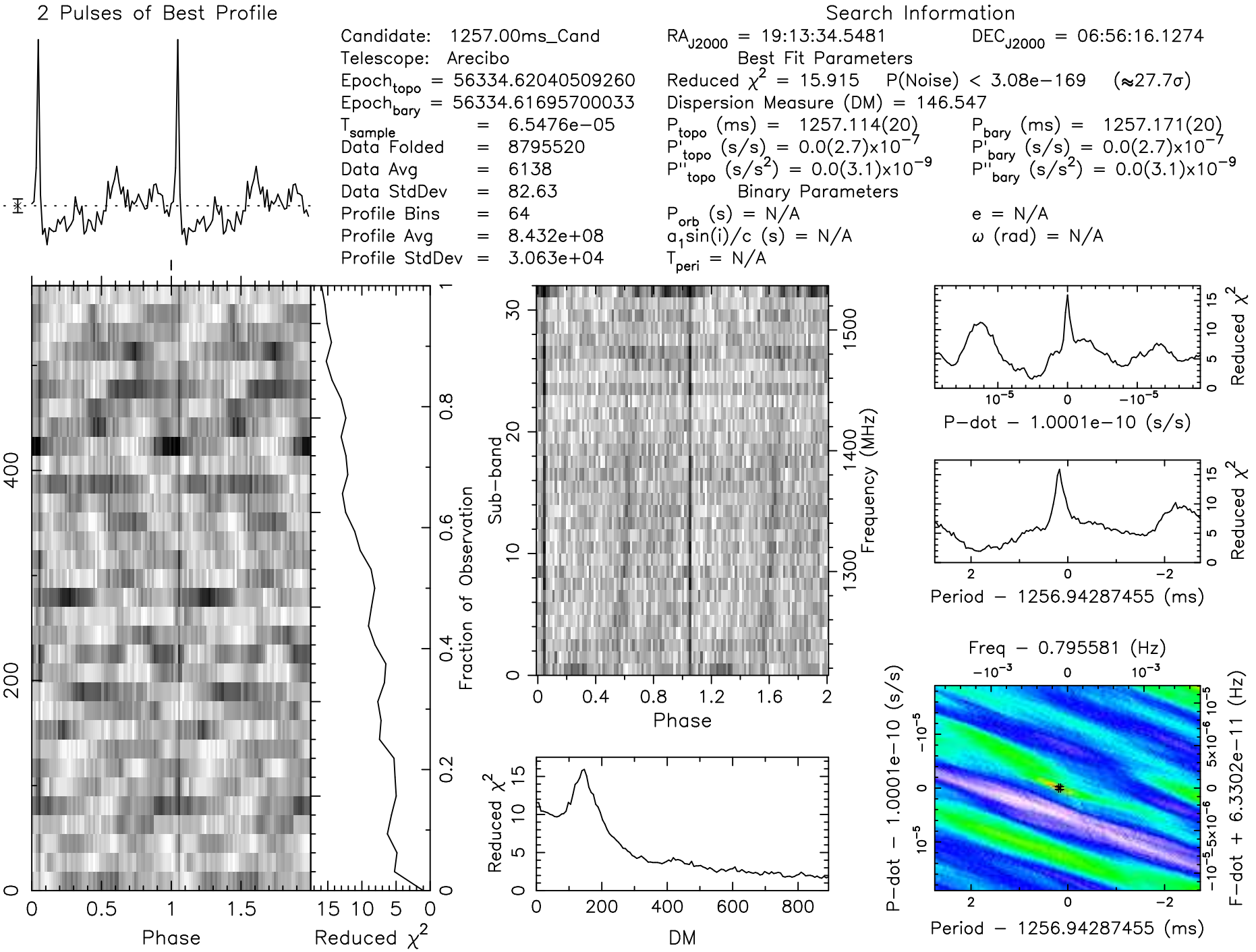
2 Pulses of Best Profile
Search Information
Candidate: 1257.00ms_Cand
Telescope: Arecibo
Epoch$_{topo}$ = 56334.62040509260
Epoch$_{bary}$ = 56334.61695700033
T_{sample} = 6.5476e-05
Data Folded = 8795520
Data Avg = 6138
Data StdDev = 82.63
Profile Bins = 64
Profile Avg = 8.432e+08
Profile StdDev = 3.063e+04
RA$_{J2000}$ = 19:13:34.5481
DEC$_{J2000}$ = 06:56:16.1274
Best Fit Parameters
Reduced χ^2 = 15.915 P(Noise) < 3.08e-169 (≈27.7σ)
Dispersion Measure (DM) = 146.547
P_{topo} (ms) = 1257.114(20)
P'_{topo} (s/s) = 0.0(2.7)x10^{-7}
P''_{topo} (s/s^2) = 0.0(3.1)x10^{-9}
P_{bary} (ms) = 1257.171(20)
P'_{bary} (s/s) = 0.0(2.7)x10^{-7}
P''_{bary} (s/s^2) = 0.0(3.1)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 − 1.0001e-10 (s/s)
Period − 1256.94287455 (ms)
Freq − 0.795581 (Hz)
F-dot + 6.3302e-11 (Hz)
4bit-p2030.20130211.C1913+0656_158.b0_0001.fits
deneva 11-Feb-2013 15:38