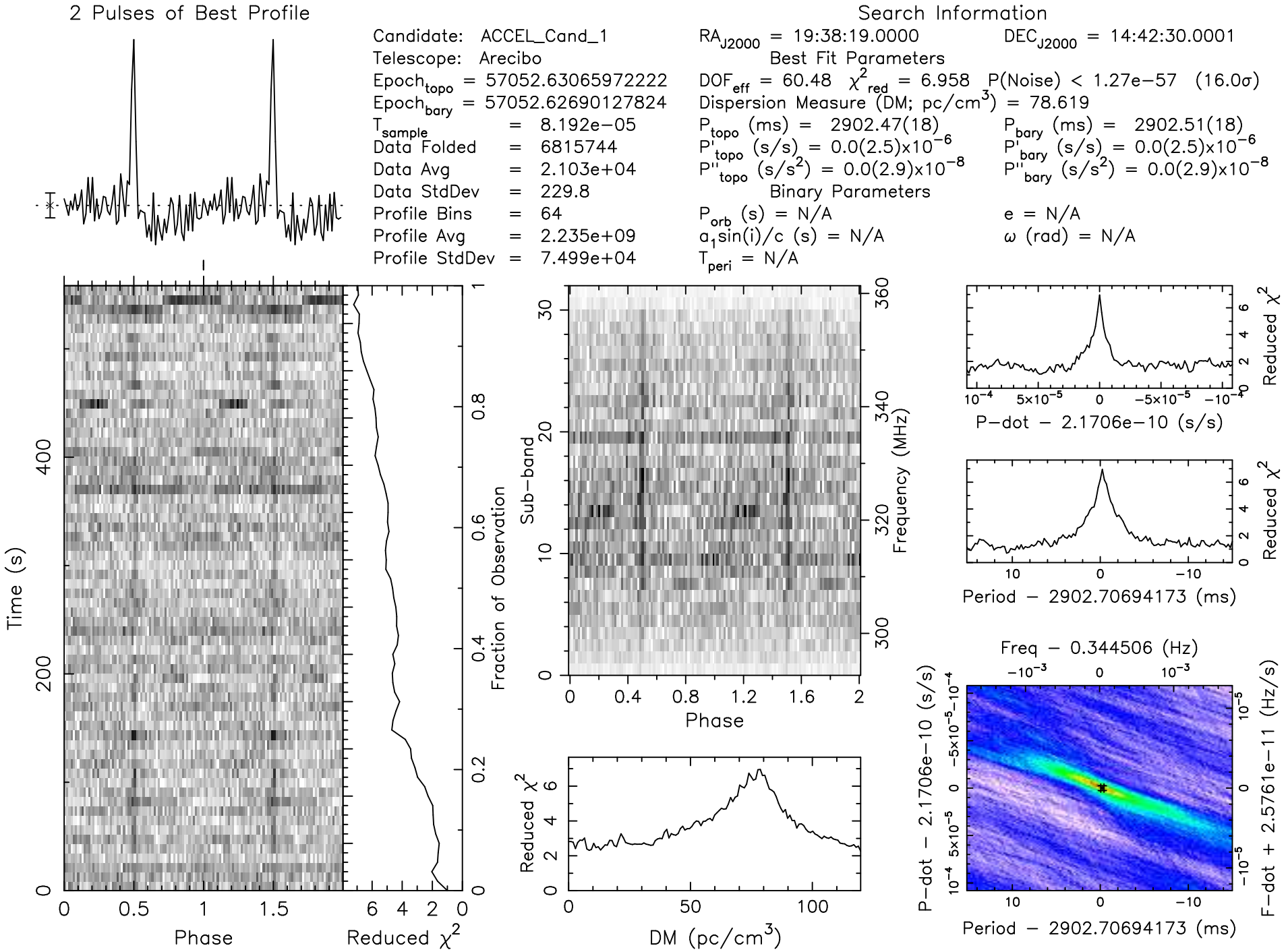
2 Pulses of Best Profile
Search Information
Candidate: ACCEL_Cand_1
Telescope: Arecibo
Epoch_topo = 57052.63065972222
Epoch_bary = 57052.62690127824
T_sample = 8.192e-05
Data Folded = 6815744
Data Avg = 2.103e+04
Data StdDev = 229.8
Profile Bins = 64
Profile Avg = 2.235e+09
Profile StdDev = 7.499e+04
RA_J2000 = 19:38:19.0000
DEC_J2000 = 14:42:30.0001
Best Fit Parameters
DOF_eff = 60.48 χ²_red = 6.958 P(Noise) < 1.27e-57 (16.0σ)
Dispersion Measure (DM; pc/cm³) = 78.619
P_topo (ms) = 2902.47(18)
P_bary (ms) = 2902.51(18)
P'_topo (s/s) = 0.0(2.5)x10⁻⁶
P'_bary (s/s) = 0.0(2.5)x10⁻⁶
P''_topo (s/s²) = 0.0(2.9)x10⁻⁸
P''_bary (s/s²) = 0.0(2.9)x10⁻⁸
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 − 2.1706e-10 (s/s)
Period − 2902.70694173 (ms)
Freq − 0.344506 (Hz)
P-dot − 2.1706e-10 (s/s)
F-dot + 2.5761e-11 (Hz/s)
puppi_57052_J1938+14_0699_0001.fits
gpu 2-Feb-2015 14:52