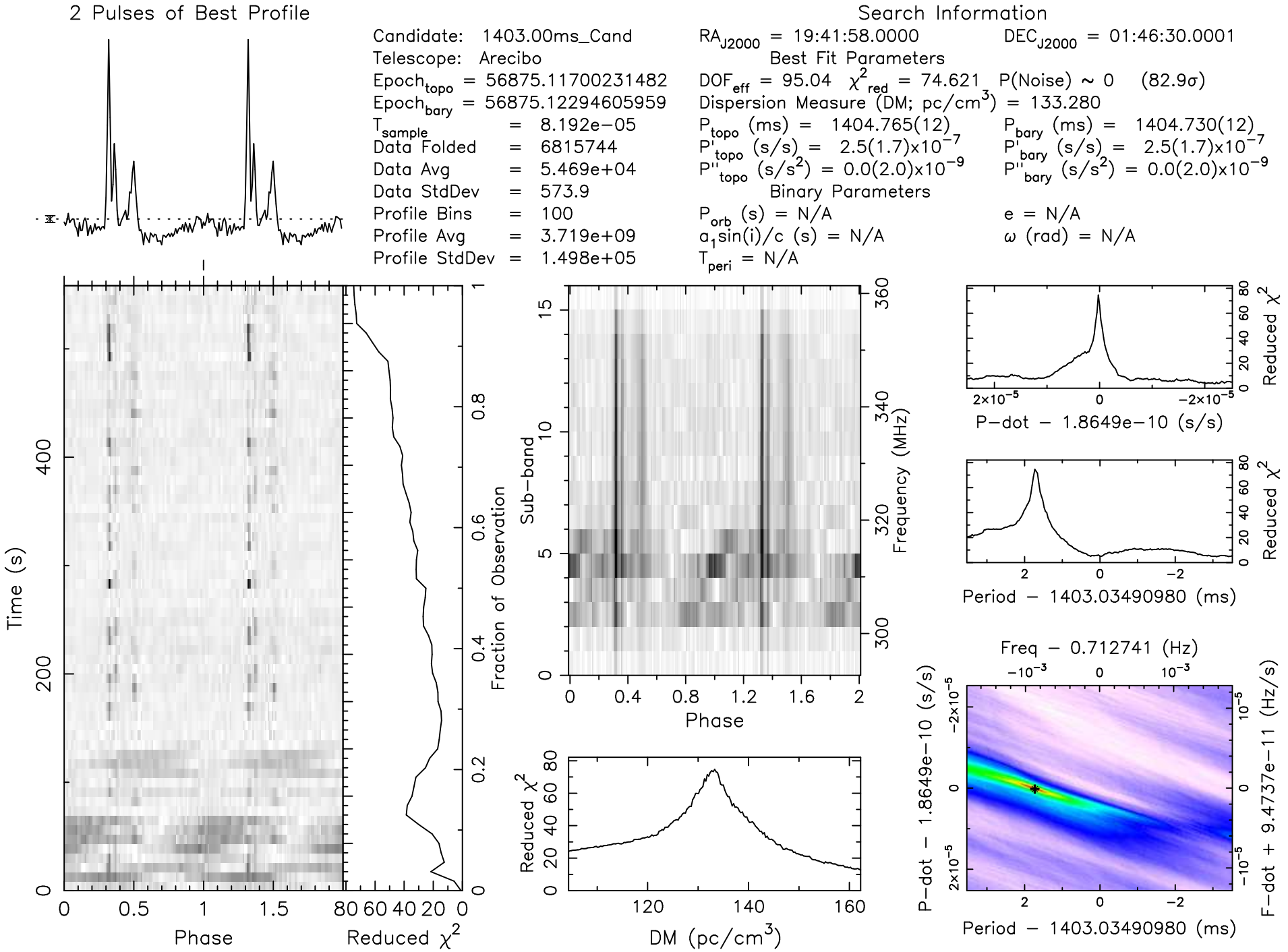
2 Pulses of Best Profile
Search Information
Candidate: 1403.00ms_Cand
Telescope: Arecibo
Epoch_topo = 56875.11700231482
Epoch_bary = 56875.12294605959
T_sample = 8.192e-05
Data Folded = 6815744
Data Avg = 5.469e+04
Data StdDev = 573.9
Profile Bins = 100
Profile Avg = 3.719e+09
Profile StdDev = 1.498e+05
RA_J2000 = 19:41:58.0000
DEC_J2000 = 01:46:30.0001
Best Fit Parameters
DOF_eff = 95.04 χ²_red = 74.621 P(Noise) ~ 0 (82.9σ)
Dispersion Measure (DM; pc/cm³) = 133.280
P_topo (ms) = 1404.765(12)
P_bary (ms) = 1404.730(12)
P'_topo (s/s) = 2.5(1.7)x10⁻⁷
P'_bary (s/s) = 2.5(1.7)x10⁻⁷
P''_topo (s/s²) = 0.0(2.0)x10⁻⁹
P''_bary (s/s²) = 0.0(2.0)x10⁻⁹
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 − 1.8649e−10 (s/s)
Period − 1403.03490980 (ms)
Freq − 0.712741 (Hz)
P-dot − 1.8649e−10 (s/s)
F-dot + 9.4737e−11 (Hz/s)
puppi_56875_J1941+01_0470_0001.fits
gpu 6−Aug−2014 11:45