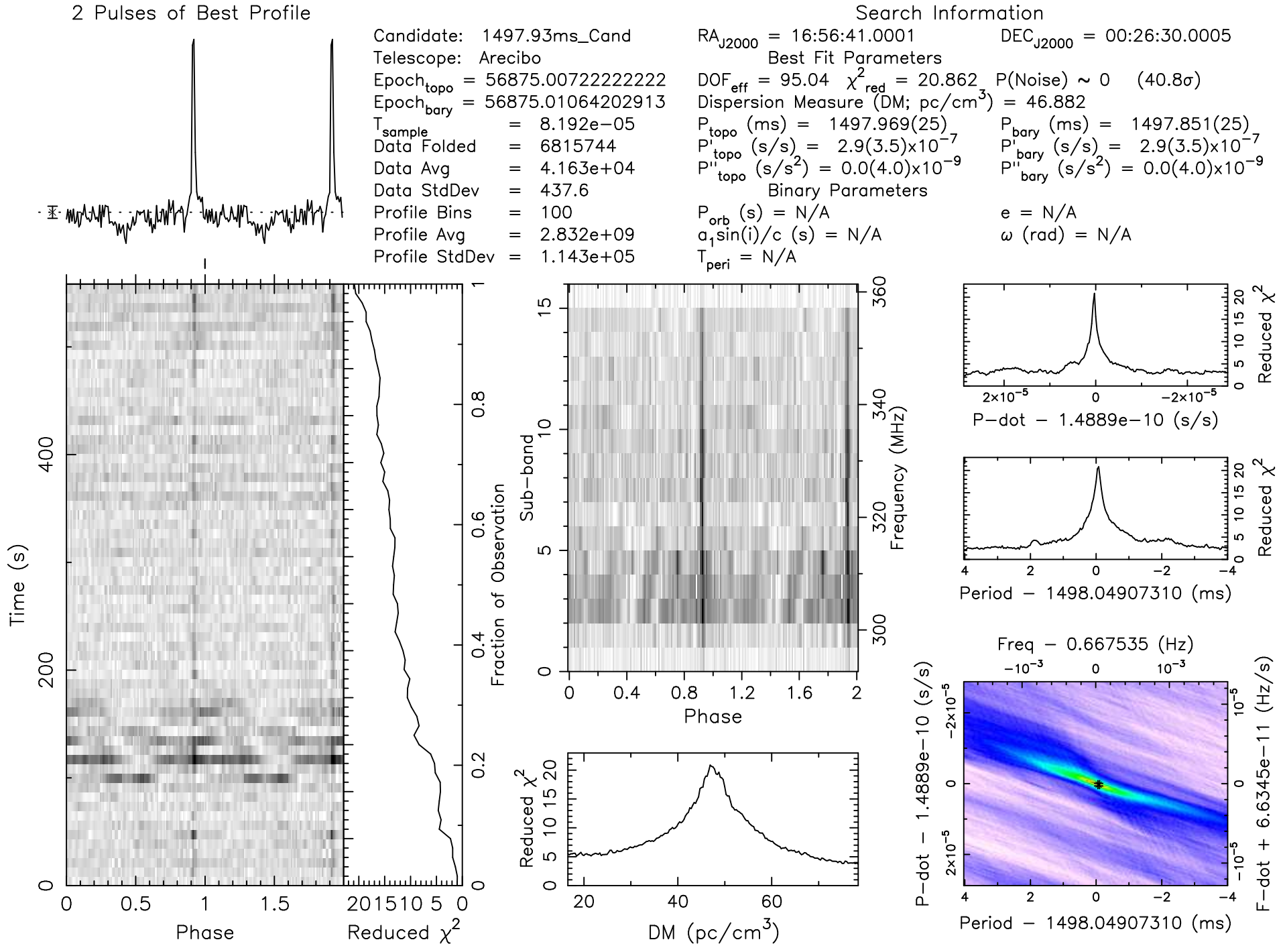
2 Pulses of Best Profile
Search Information
Candidate: 1497.93ms_Cand
Telescope: Arecibo
Epoch_topo = 56875.00722222222
Epoch_bary = 56875.01064202913
T_sample = 8.192e-05
Data Folded = 6815744
Data Avg = 4.163e+04
Data StdDev = 437.6
Profile Bins = 100
Profile Avg = 2.832e+09
Profile StdDev = 1.143e+05
RA_J2000 = 16:56:41.0001
DEC_J2000 = 00:26:30.0005
Best Fit Parameters
DOF_eff = 95.04 χ²_red = 20.862 P(Noise) ~ 0 (40.8σ)
Dispersion Measure (DM; pc/cm³) = 46.882
P_topo (ms) = 1497.969(25)
P_bary (ms) = 1497.851(25)
P'_topo (s/s) = 2.9(3.5)x10⁻⁷
P'_bary (s/s) = 2.9(3.5)x10⁻⁷
P''_topo (s/s²) = 0.0(4.0)x10⁻⁹
P''_bary (s/s²) = 0.0(4.0)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 − 1.4889e-10 (s/s)
Period − 1498.04907310 (ms)
Freq − 0.667535 (Hz)
F-dot + 6.6345e-11 (Hz/s)
puppi_56875_J1656+00_0459_0001.fits
gpu 6-Aug-2014 12:02