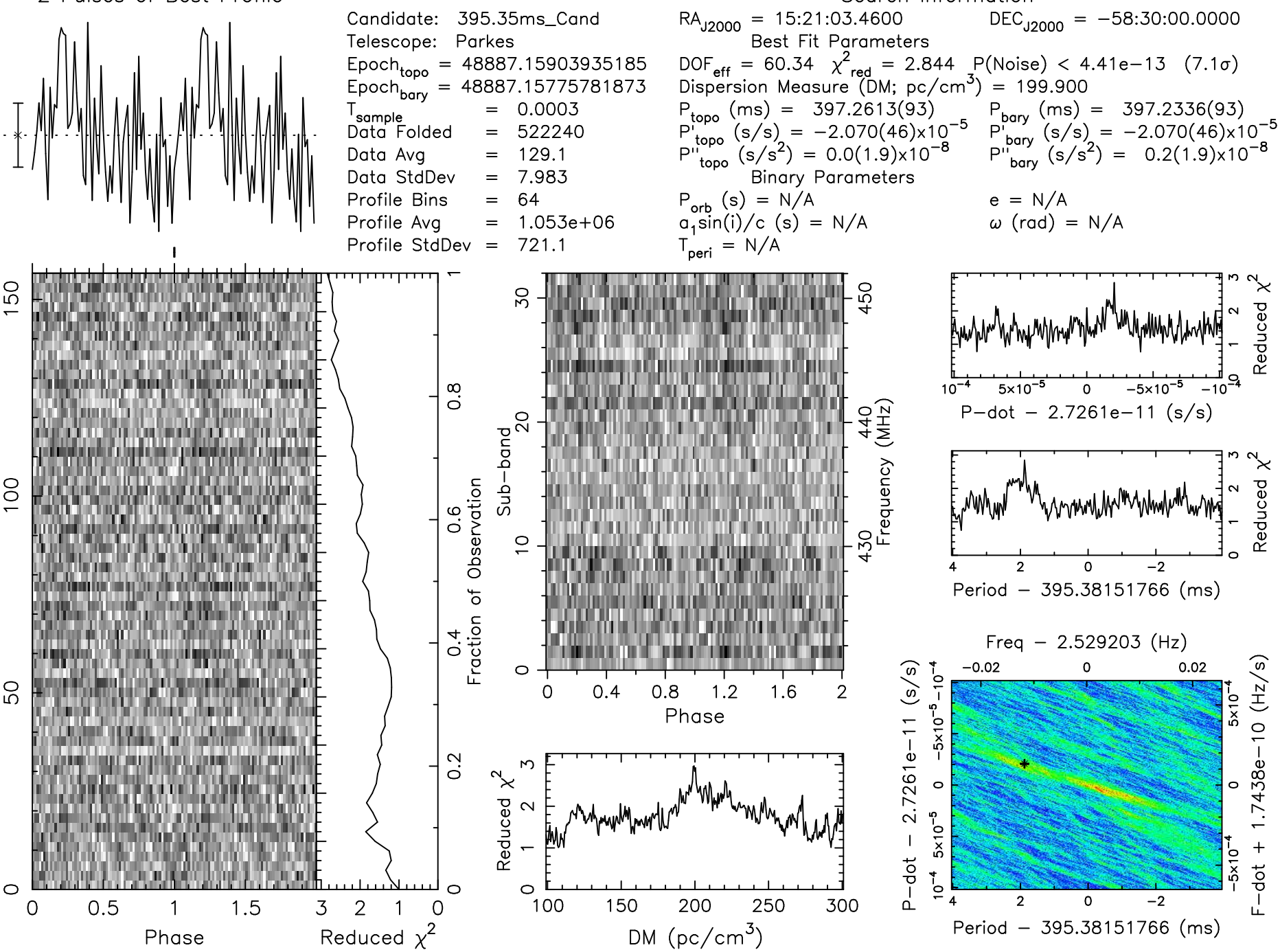
2 Pulses of Best Profile
Search Information
Candidate: 395.35ms_Cand
Telescope: Parkes
Epoch_topo = 48887.15903935185
Epoch_bary = 48887.15775781873
T_sample = 0.0003
Data Folded = 522240
Data Avg = 129.1
Data StdDev = 7.983
Profile Bins = 64
Profile Avg = 1.053e+06
Profile StdDev = 721.1
RA_J2000 = 15:21:03.4600
DEC_J2000 = −58:30:00.0000
Best Fit Parameters
DOF_eff = 60.34 χ²_red = 2.844 P(Noise) < 4.41e−13 (7.1σ)
Dispersion Measure (DM; pc/cm³) = 199.900
P_topo (ms) = 397.2613(93)
P_bary (ms) = 397.2336(93)
P'_topo (s/s) = −2.070(46)x10⁻⁵
P'_bary (s/s) = −2.070(46)x10⁻⁵
P''_topo (s/s²) = 0.0(1.9)x10⁻⁸
P''_bary (s/s²) = 0.2(1.9)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 − 2.7261e−11 (s/s)
Period − 395.38151766 (ms)
Freq − 2.529203 (Hz)
F-dot + 1.7438e−10 (Hz/s)
S25801_41.fil
pulsar 6−Feb−2024 19:34