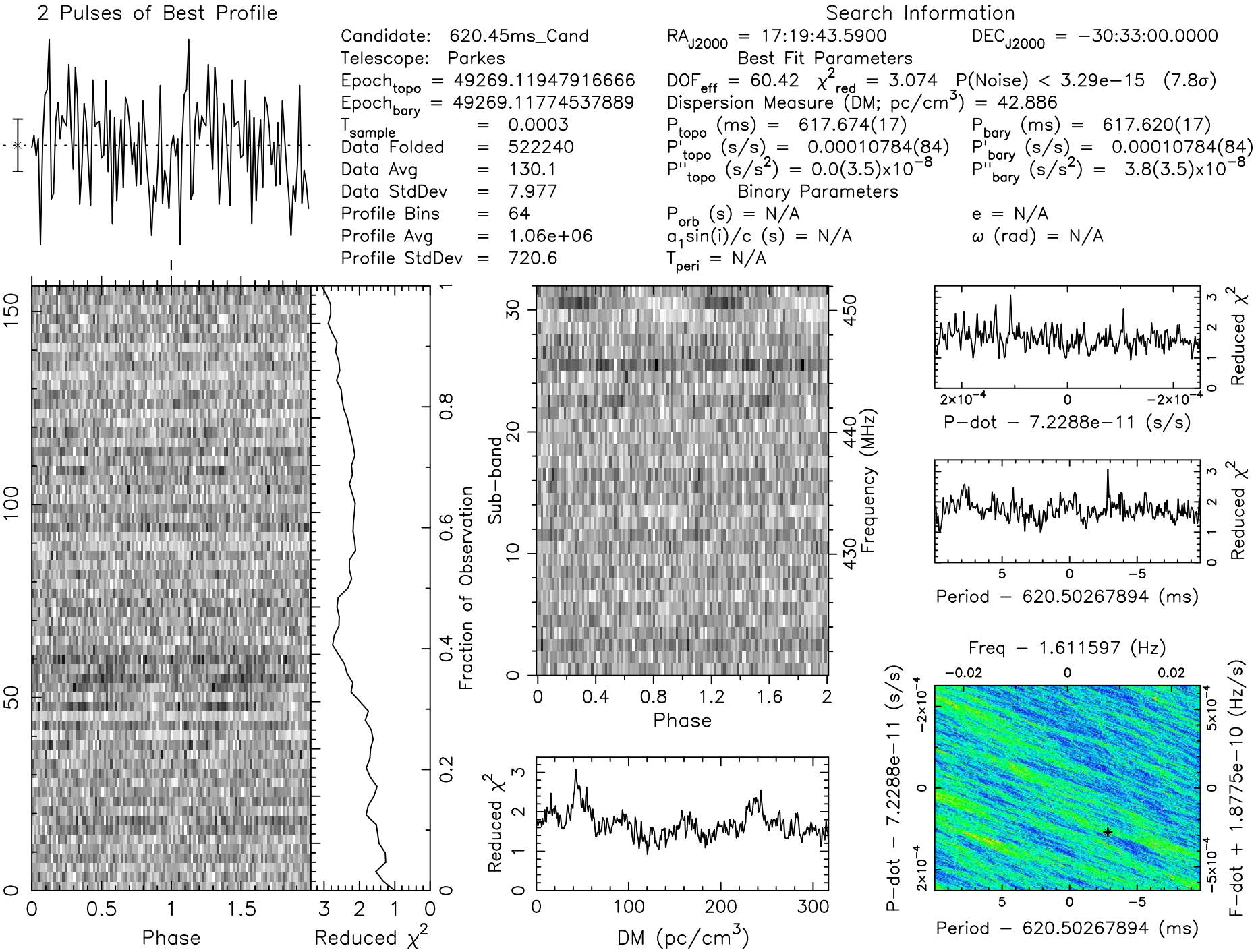
2 Pulses of Best Profile
Search Information
Candidate: 620.45ms_Cand
Telescope: Parkes
Epoch$_{topo}$ = 49269.11947916666
Epoch$_{bary}$ = 49269.11774537889
T_{sample} = 0.0003
Data Folded = 522240
Data Avg = 130.1
Data StdDev = 7.977
Profile Bins = 64
Profile Avg = 1.06e+06
Profile StdDev = 720.6
RA$_{J2000}$ = 17:19:43.5900
DEC$_{J2000}$ = −30:33:00.0000
Best Fit Parameters
DOF$_{eff}$ = 60.42 χ^2_{red} = 3.074 P(Noise) < 3.29e−15 (7.8σ)
Dispersion Measure (DM; pc/cm^3) = 42.886
P_{topo} (ms) = 617.674(17)
P'_{topo} (s/s) = 0.00010784(84)
P''_{topo} (s/s^2) = 0.0(3.5)x10^{-8}
P_{bary} (ms) = 617.620(17)
P'_{bary} (s/s) = 0.00010784(84)
P''_{bary} (s/s^2) = 3.8(3.5)x10^{-8}
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 (pc/cm^3)
P-dot − 7.2288e−11 (s/s)
Period − 620.50267894 (ms)
Freq − 1.611597 (Hz)
P−dot − 7.2288e−11 (s/s)
F−dot + 1.8775e−10 (Hz/s)
S43703_29.fil
pulsar 6−Feb−2024 19:36