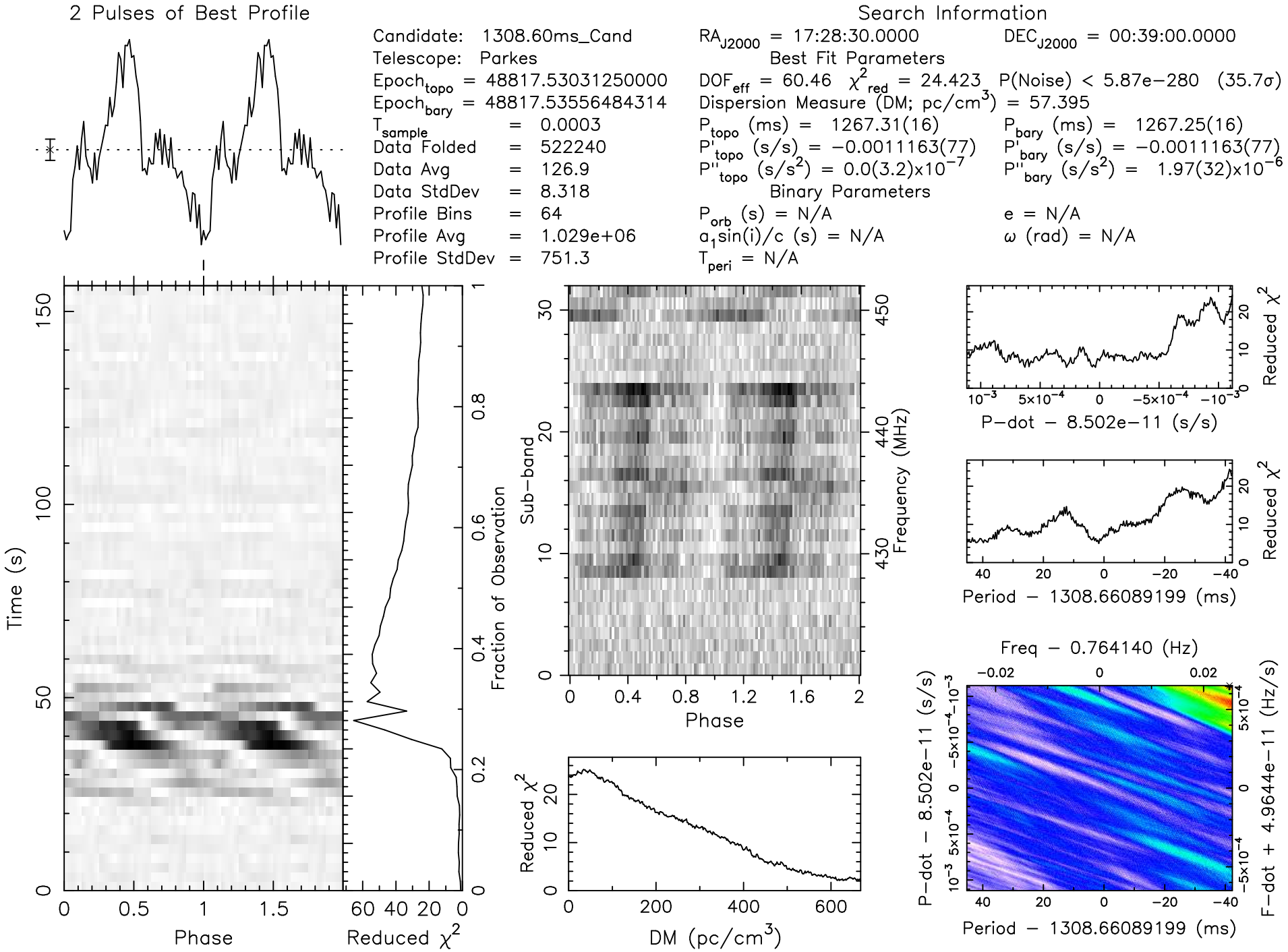
2 Pulses of Best Profile
Search Information
Candidate: 1308.60ms_Cand
Telescope: Parkes
Epoch_topo = 48817.53031250000
Epoch_bary = 48817.53556484314
T_sample = 0.0003
Data Folded = 522240
Data Avg = 126.9
Data StdDev = 8.318
Profile Bins = 64
Profile Avg = 1.029e+06
Profile StdDev = 751.3
RA_J2000 = 17:28:30.0000
DEC_J2000 = 00:39:00.0000
Best Fit Parameters
DOF_eff = 60.46 χ²_red = 24.423 P(Noise) < 5.87e−280 (35.7σ)
Dispersion Measure (DM; pc/cm³) = 57.395
P_topo (ms) = 1267.31(16)
P_bary (ms) = 1267.25(16)
P'_topo (s/s) = −0.0011163(77)
P'_bary (s/s) = −0.0011163(77)
P''_topo (s/s²) = 0.0(3.2)x10⁻⁷
P''_bary (s/s²) = 1.97(32)x10⁻⁶
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 − 8.502e−11 (s/s)
Period − 1308.66089199 (ms)
Freq − 0.764140 (Hz)
F−dot + 4.9644e−11 (Hz/s)
S19105_10.fil
pulsar 6−Feb−2024 19:41