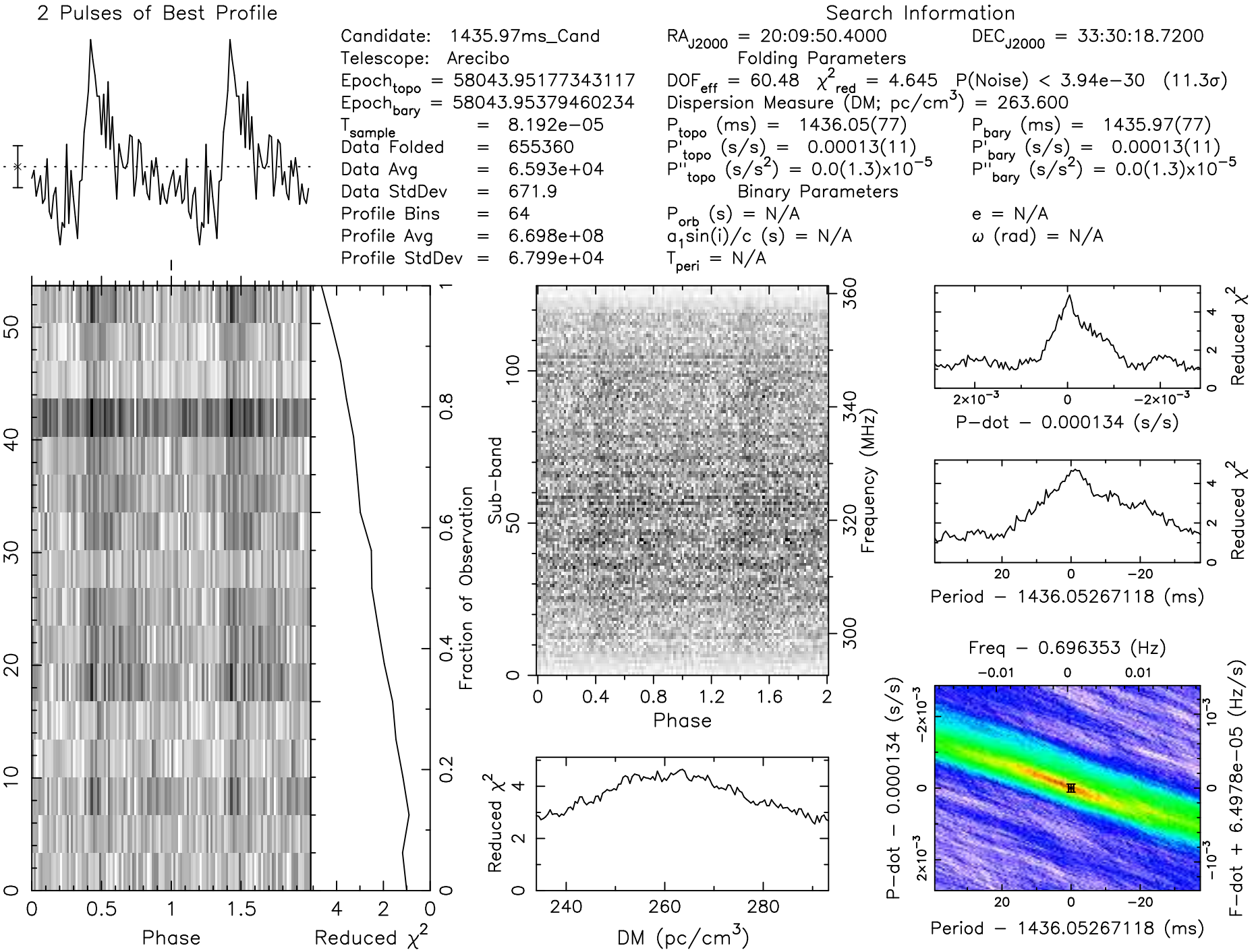
2 Pulses of Best Profile
Search Information
Candidate: 1435.97ms_Cand
Telescope: Arecibo
Epoch_topo = 58043.95177343117
Epoch_bary = 58043.95379460234
T_sample = 8.192e-05
Data Folded = 655360
Data Avg = 6.593e+04
Data StdDev = 671.9
Profile Bins = 64
Profile Avg = 6.698e+08
Profile StdDev = 6.799e+04
RA_J2000 = 20:09:50.4000
DEC_J2000 = 33:30:18.7200
Folding Parameters
DOF_eff = 60.48 χ²_red = 4.645 P(Noise) < 3.94e-30 (11.3σ)
Dispersion Measure (DM; pc/cm³) = 263.600
P_topo (ms) = 1436.05(77)
P_bary (ms) = 1435.97(77)
P'_topo (s/s) = 0.00013(11)
P'_bary (s/s) = 0.00013(11)
P''_topo (s/s²) = 0.0(1.3)x10⁻⁵
P''_bary (s/s²) = 0.0(1.3)x10⁻⁵
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 − 0.000134 (s/s)
Period − 1436.05267118 (ms)
Freq − 0.696353 (Hz)
P-dot − 0.000134 (s/s)
F-dot + 6.4978e-05 (Hz/s)
4bit_puppi_58043_Strip222_0374.0001.D200950+3330.0001.fits
jdeneva 11-Aug-2022 14:25