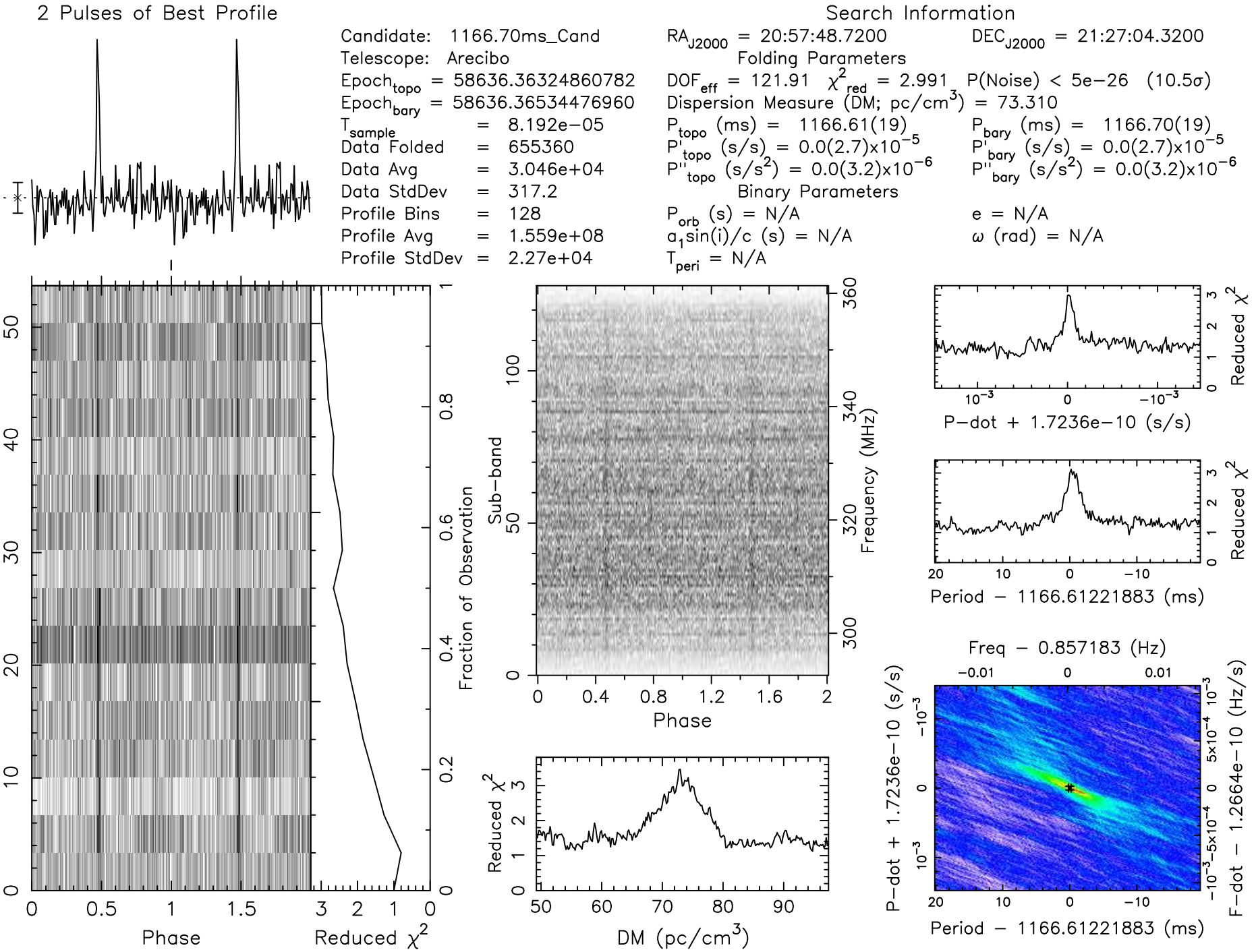
2 Pulses of Best Profile
Search Information
Candidate: 1166.70ms_Cand
Telescope: Arecibo
Epoch$_{topo}$ = 58636.36324860782
Epoch$_{bary}$ = 58636.36534476960
T_{sample} = 8.192e−05
Data Folded = 655360
Data Avg = 3.046e+04
Data StdDev = 317.2
Profile Bins = 128
Profile Avg = 1.559e+08
Profile StdDev = 2.27e+04
RA$_{J2000}$ = 20:57:48.7200
DEC$_{J2000}$ = 21:27:04.3200
Folding Parameters
DOF$_{eff}$ = 121.91 χ^2_{red} = 2.991 P(Noise) < 5e−26 (10.5σ)
Dispersion Measure (DM; pc/cm^3) = 73.310
P_{topo} (ms) = 1166.61(19)
P_{bary} (ms) = 1166.70(19)
P'_{topo} (s/s) = 0.0(2.7)x10^{-5}
P'_{bary} (s/s) = 0.0(2.7)x10^{-5}
P''_{topo} (s/s^2) = 0.0(3.2)x10^{-6}
P''_{bary} (s/s^2) = 0.0(3.2)x10^{-6}
Binary Parameters
P_{orb} (s) = N/A
e = N/A
$a_1$sin(i)/c (s) = N/A
ω (rad) = N/A
T_{peri} = N/A
Time (s)
Phase
Reduced χ^2
Fraction of Observation
Sub-band
Frequency (MHz)
DM (pc/cm^3)
P-dot + 1.7236e−10 (s/s)
Period − 1166.61221883 (ms)
Freq − 0.857183 (Hz)
P-dot + 1.7236e−10 (s/s)
F-dot − 1.2664e−10 (Hz/s)
4bit_puppi_58636_Strip77_0088.0001.D205748+2127.0001.fits
jdeneva 3−Aug−2022 13:58