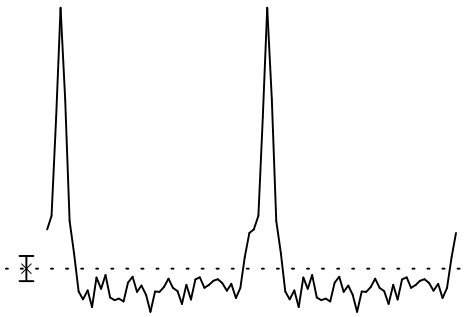
2 Pulses of Best Profile



Search Information

Candidate: 3.75ms_Cand
Telescope: Arecibo
$Epoch_{topo}$ = 56801.23611310445
$Epoch_{bary}$ = 56801.24122477332
T_{sample} = 8.192e−05
Data Folded = 262144
Data Avg = 3.915e+04
Data StdDev = 402.8
Profile Bins = 46
Profile Avg = 2.231e+08
Profile StdDev = 3.041e+04

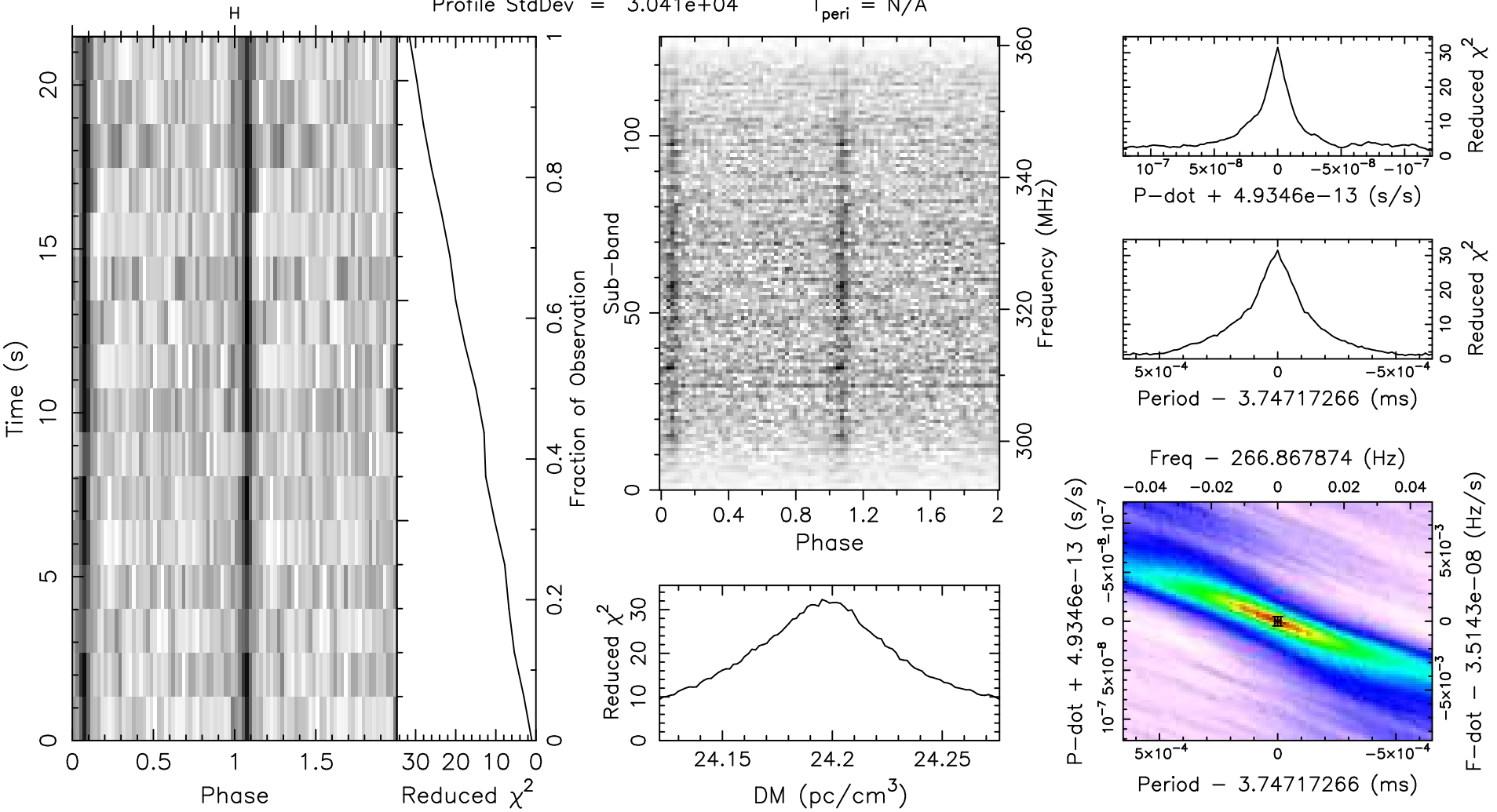
RA_{J2000} = 17:41:34.8000 DEC_{J2000} = 13:47:06.3600

Folding Parameters

DOF_{eff} = 29.35 χ^2_{red} = 31.521 P(Noise) < 1.04e−175 (28.2σ)
Dispersion Measure (DM; pc/cm^3) = 24.199
P_{topo} (ms) = 3.747173(13) P_{bary} (ms) = 3.747284(13)
P'_{topo} (s/s) = 0.0(4.7)x10^{-9} P'_{bary} (s/s) = 0.0(4.7)x10^{-9}
P''_{topo} (s/s^2) = 0.0(1.4)x10^{-9} P''_{bary} (s/s^2) = 0.0(1.4)x10^{-9}

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



4bit_puppi_56801_Strip61_1334.0002.D174134+1347.0001.fits

jdeneva 10−Aug−2022 13:50