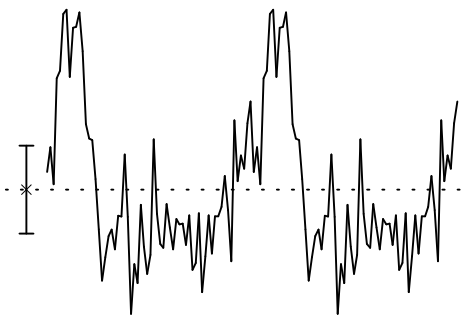
2 Pulses of Best Profile



Search Information

Candidate: 4.63ms_Cand
Telescope: Arecibo
$Epoch_{topo}$ = 56827.14302786453
$Epoch_{bary}$ = 56827.14774494340
T_{sample} = 8.192e−05
Data Folded = 655360
Data Avg = 4.65e+04
Data StdDev = 470.1
Profile Bins = 64
Profile Avg = 4.762e+08
Profile StdDev = 4.757e+04

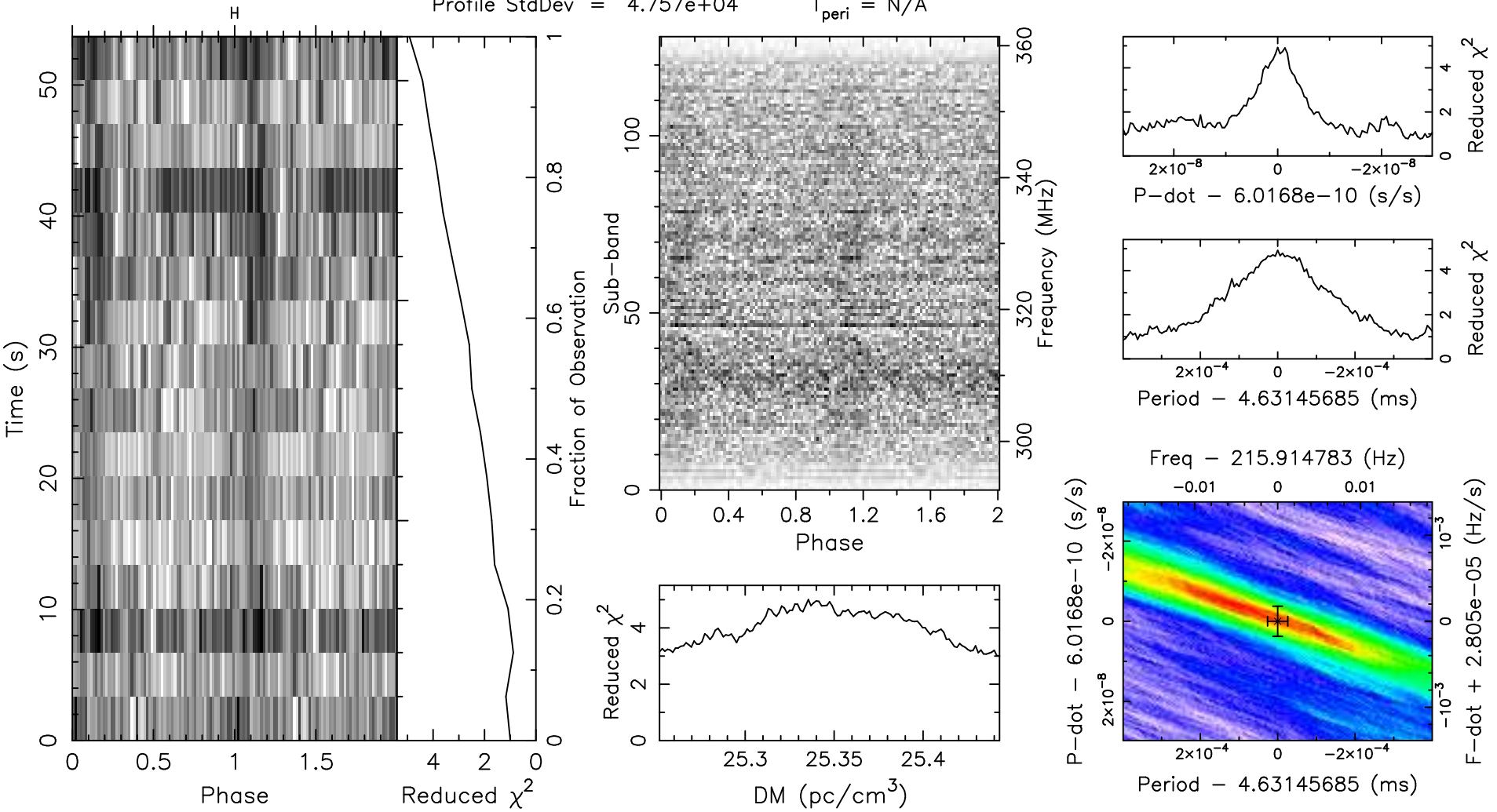
RA_{J2000} = 17:09:06.0000 DEC_{J2000} = 23:19:39.0000

Folding Parameters

DOF_{eff} = 38.59 χ^2_{red} = 4.922 P(Noise) < 6.99e−22 (9.5σ)
Dispersion Measure (DM; pc/cm^3) = 25.347
P_{topo} (ms) = 4.631457(26) P_{bary} (ms) = 4.631380(26)
P'_{topo} (s/s) = 0.6(3.8)x10^{-9} P'_{bary} (s/s) = 0.6(3.8)x10^{-9}
P''_{topo} (s/s^2) = 0.0(4.5)x10^{-10} P''_{bary} (s/s^2) = 0.0(4.5)x10^{-10}

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_56827_Strip68_0272.0001.D170905+2319.0001.fits

jdeneva 22−Mar−2023 15:39