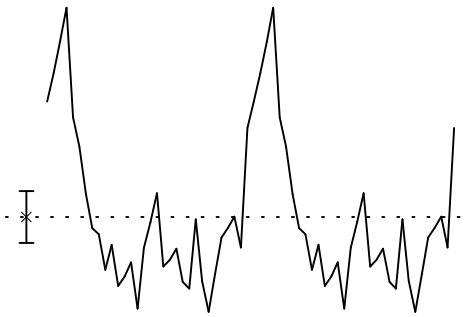
2 Pulses of Best Profile



Search Information

Candidate: 4.63ms_Cand
Telescope: Arecibo
$Epoch_{topo}$ = 58698.03560726924
$Epoch_{bary}$ = 58698.03859377466
T_{sample} = 8.192e−05
Data Folded = 655360
Data Avg = 4.094e+04
Data StdDev = 422.3
Profile Bins = 32
Profile Avg = 8.385e+08
Profile StdDev = 6.043e+04

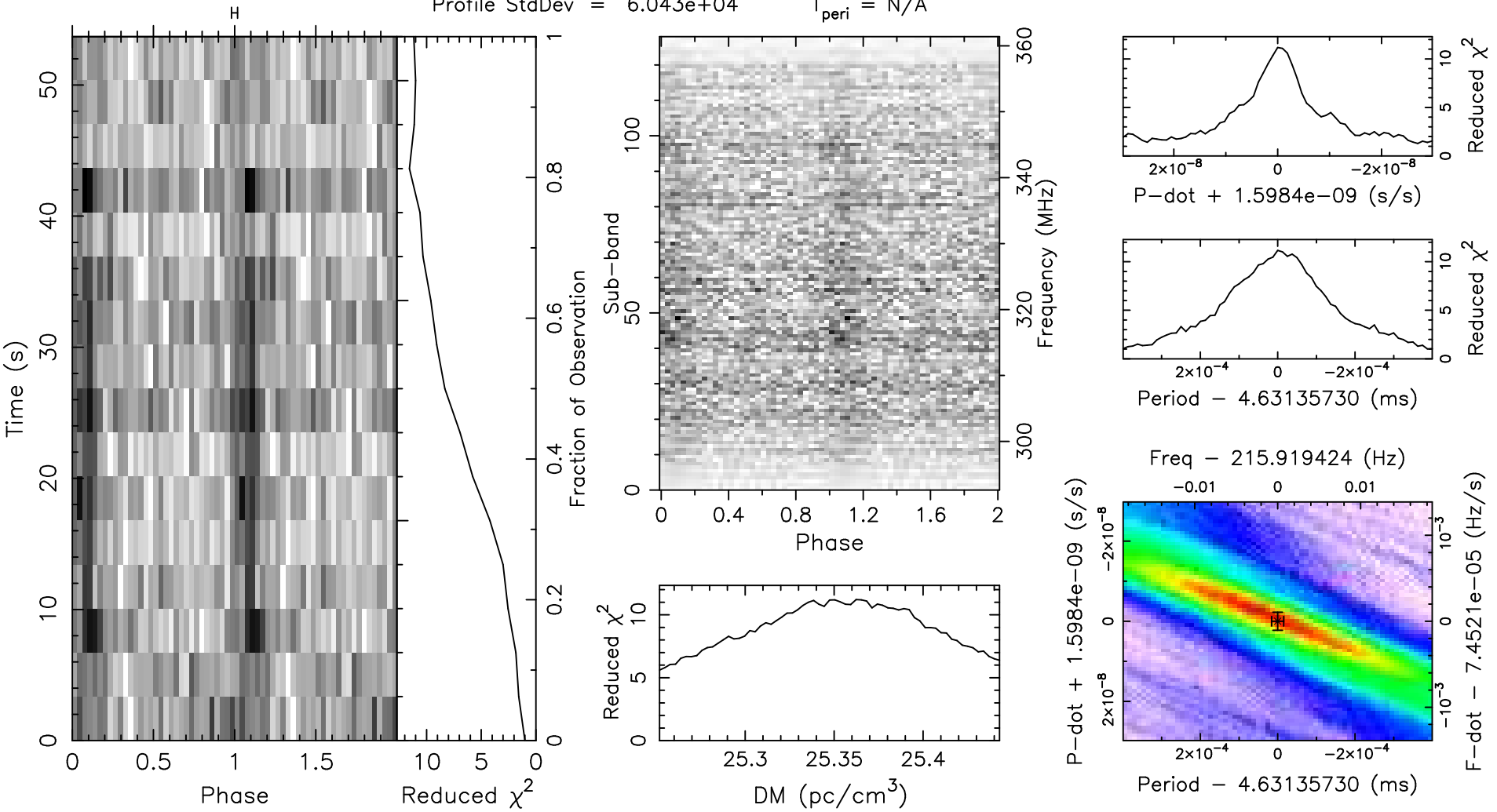
RA_{J2000} = 17:09:12.7200 DEC_{J2000} = 23:09:12.9600

Folding Parameters

DOF_{eff} = 25.12 χ^2_{red} = 11.173 P(Noise) < 5.09e−45 (14.0σ)
Dispersion Measure (DM; pc/cm^3) = 25.347
P_{topo} (ms) = 4.631357(16) P_{bary} (ms) = 4.631091(16)
P'_{topo} (s/s) = $-1.6(2.2)\times10^{-9}$ P'_{bary} (s/s) = $-1.6(2.2)\times10^{-9}$
P''_{topo} (s/s^2) = $0.0(2.7)\times10^{-10}$ P''_{bary} (s/s^2) = $0.0(2.7)\times10^{-10}$

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_58698_Strip69_0635.0001.D170912+2309.0001.fits

jdeneva 6−Oct−2022 16:15