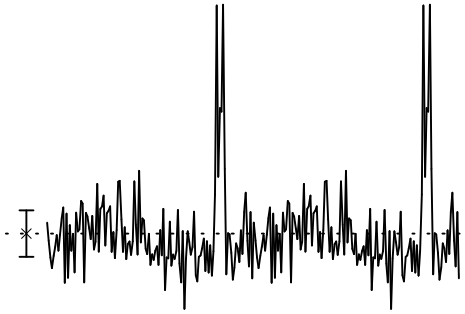
2 Pulses of Best Profile



Search Information

Candidate: 1615.66ms_Cand
Telescope: Arecibo
$Epoch_{topo}$ = 58257.24996668862
$Epoch_{bary}$ = 58257.25463663598
T_{sample} = 8.192e−05
Data Folded = 655360
Data Avg = 3.792e+04
Data StdDev = 393
Profile Bins = 128
Profile Avg = 1.928e+08
Profile StdDev = 2.812e+04

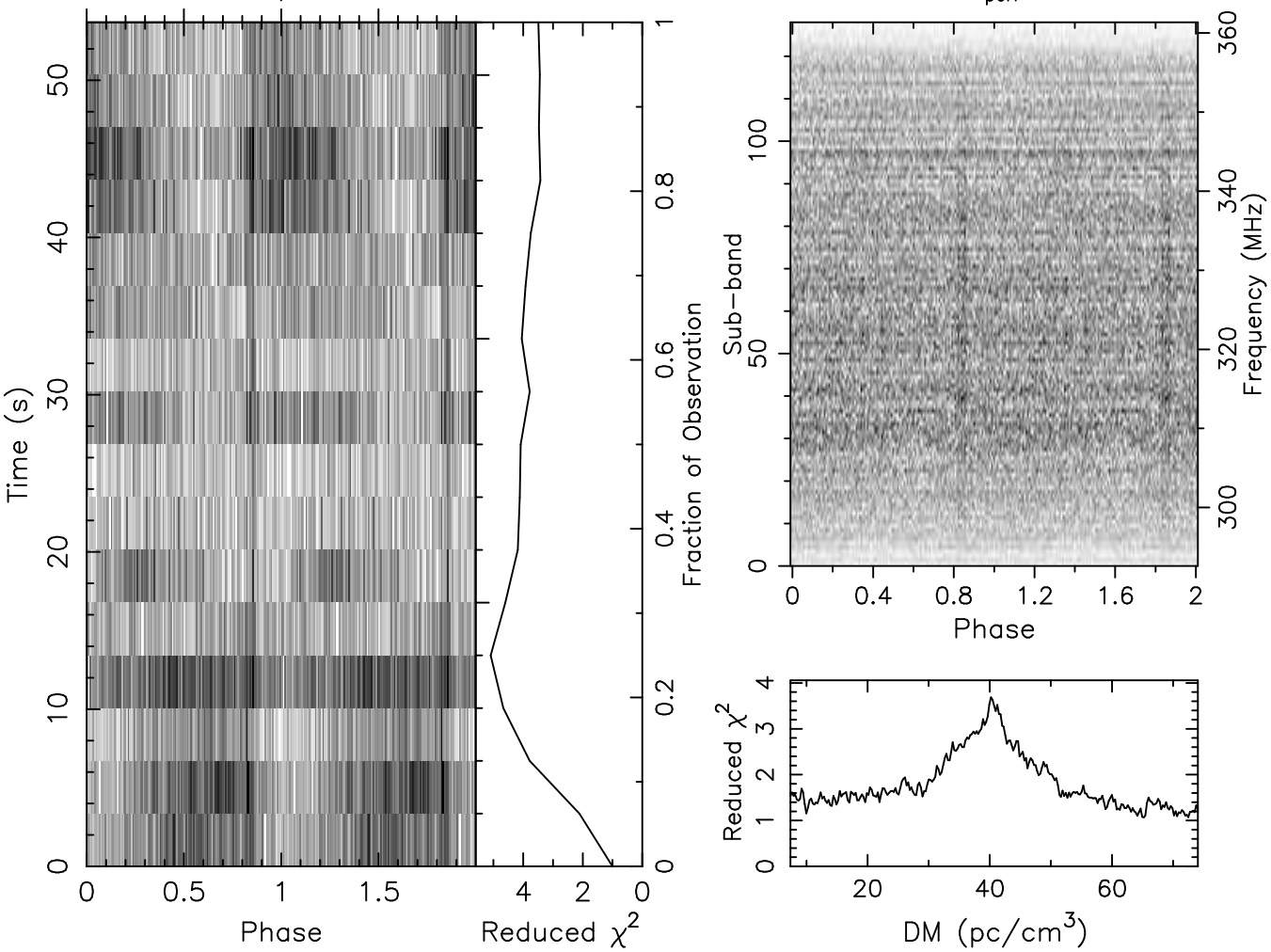
RA_{J2000} = 17:20:04.8000 DEC_{J2000} = 21:58:16.6800

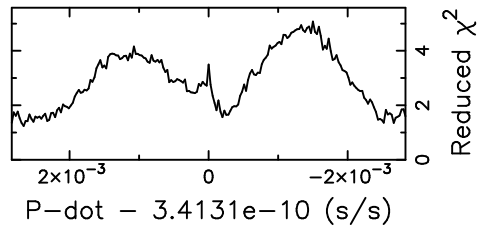
Folding Parameters

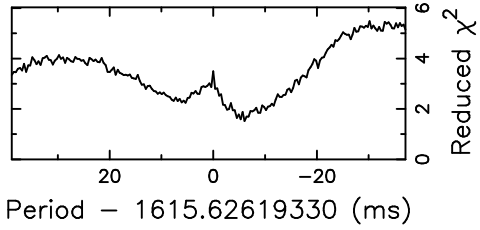
DOF_{eff} = 121.91 χ^2_{red} = 3.494 P(Noise) < 2.53e−35 (12.3σ)
Dispersion Measure (DM; pc/cm^3) = 40.719
P_{topo} (ms) = 1615.63(21) P_{bary} (ms) = 1615.66(21)
P'_{topo} (s/s) = 0.0(3.0)x10^{-5} P'_{bary} (s/s) = 0.0(3.0)x10^{-5}
P''_{topo} (s/s^2) = 0.0(3.6)x10^{-6} P''_{bary} (s/s^2) = 0.0(3.6)x10^{-6}

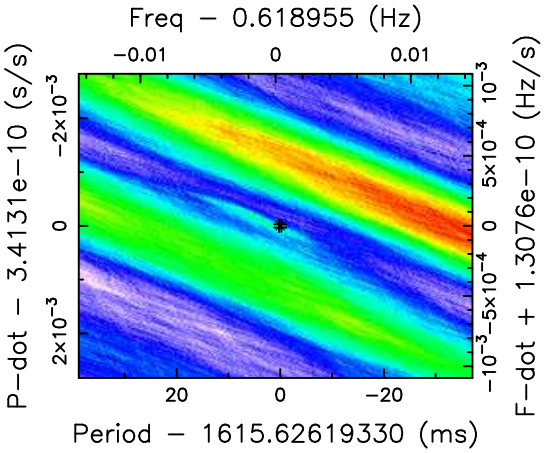
Binary Parameters

P_{orb} (s) = N/A e = N/A
$a_1 \sin(i)/c$ (s) = N/A ω (rad) = N/A
T_{peri} = N/A









4bit_puppi_58257_Strip75_1073.0001.D172004+2158.0001.fits

jdeneva 3−Aug−2022 13:21