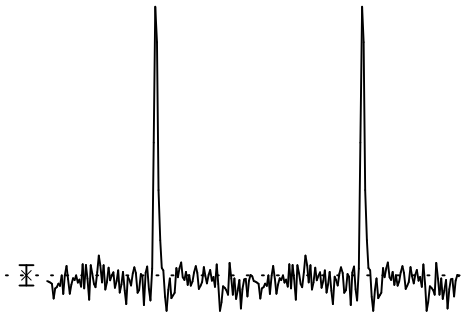
2 Pulses of Best Profile



Search Information

Candidate: 535.83ms_Cand
Telescope: Arecibo
$Epoch_{topo}$ = 56823.40046136634
$Epoch_{bary}$ = 56823.40092894070
T_{sample} = 8.192e−05
Data Folded = 655360
Data Avg = 4.006e+04
Data StdDev = 412.3
Profile Bins = 128
Profile Avg = 2.047e+08
Profile StdDev = 2.95e+04

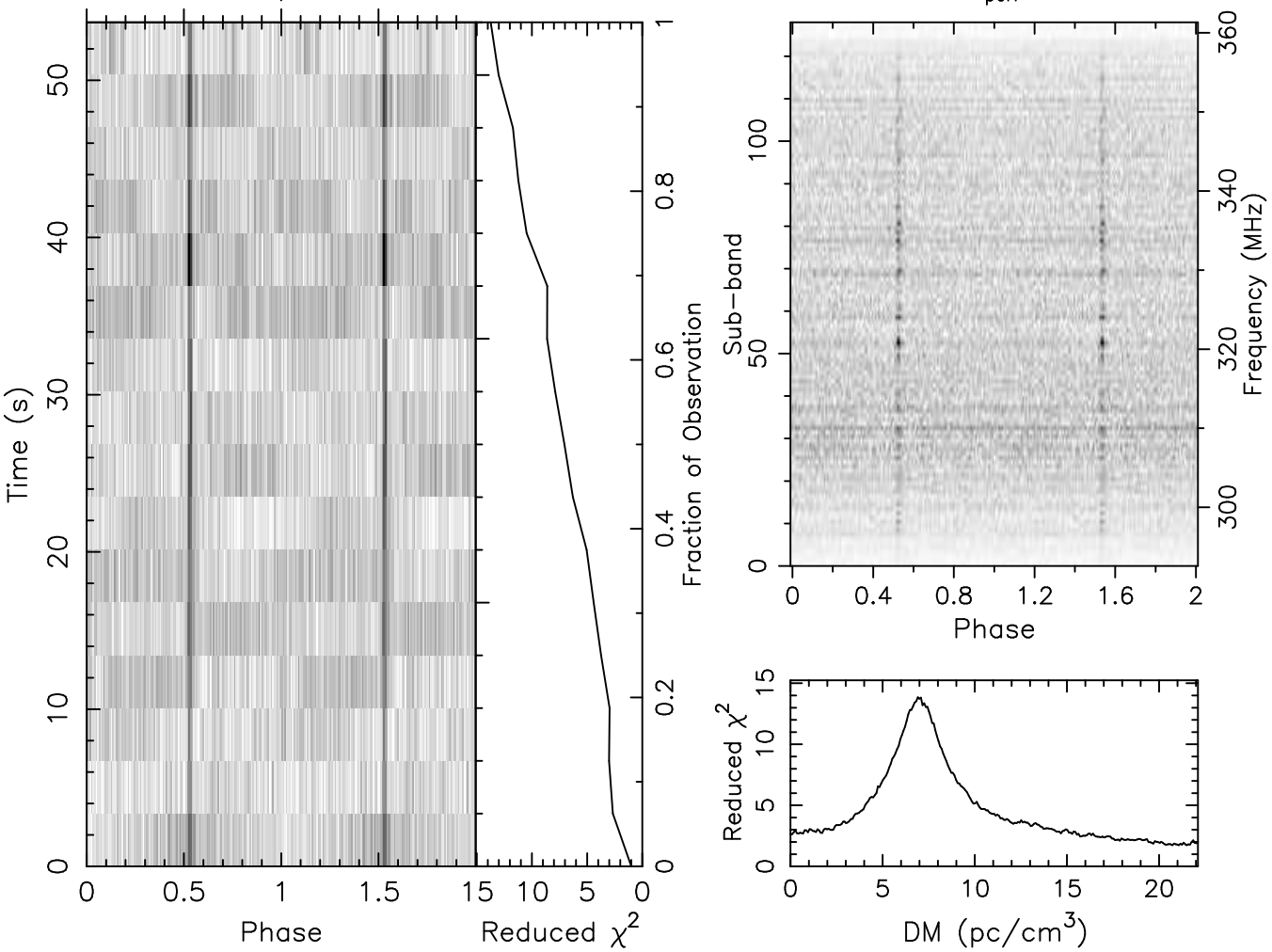
RA_{J2000} = 23:07:40.3200 DEC_{J2000} = 22:29:20.0400

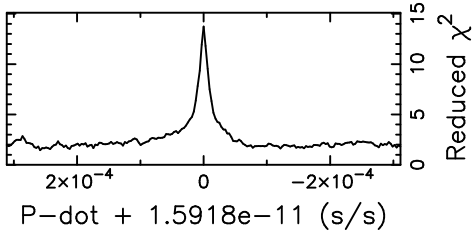
Folding Parameters

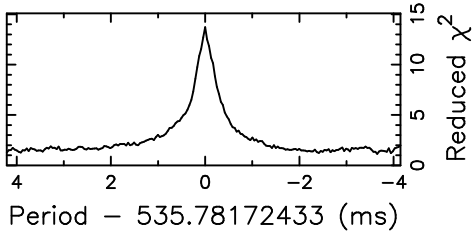
DOF_{eff} = 121.86 χ^2_{red} = 13.728 P(Noise) < 1.31e−270 (35.1σ)
Dispersion Measure (DM; pc/cm^3) = 6.996
P_{topo} (ms) = 535.782(31) P_{bary} (ms) = 535.829(31)
P'_{topo} (s/s) = 0.0(4.5)x10^{-6} P'_{bary} (s/s) = 0.0(4.5)x10^{-6}
P''_{topo} (s/s^2) = 0.0(5.4)x10^{-7} P''_{bary} (s/s^2) = 0.0(5.4)x10^{-7}

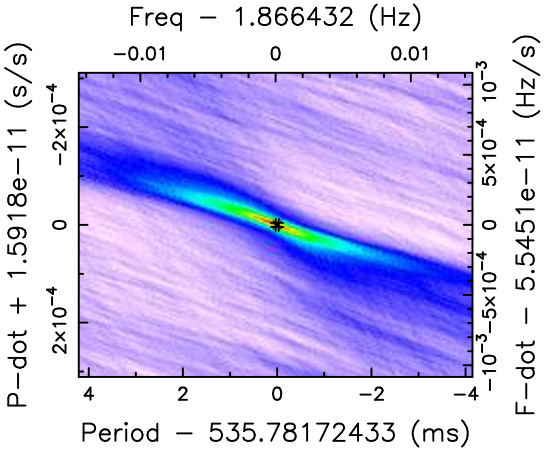
Binary Parameters

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_56823_Strip72_0231.0002.D230740+2229.0001.fits

jdeneva 3−Aug−2022 14:07