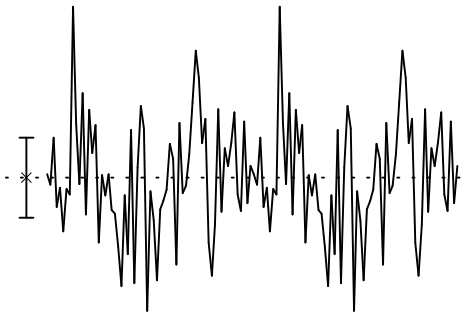
2 Pulses of Best Profile



Search Information

Candidate: 791.53ms_Cand
Telescope: Parkes
$Epoch_{topo}$ = 48519.26350694444
$Epoch_{bary}$ = 48519.26294530135
T_{sample} = 0.0003
Data Folded = 8640
Data Avg = 120.3
Data StdDev = 7.817
Profile Bins = 64
Profile Avg = 1.572e+04
Profile StdDev = 93.31

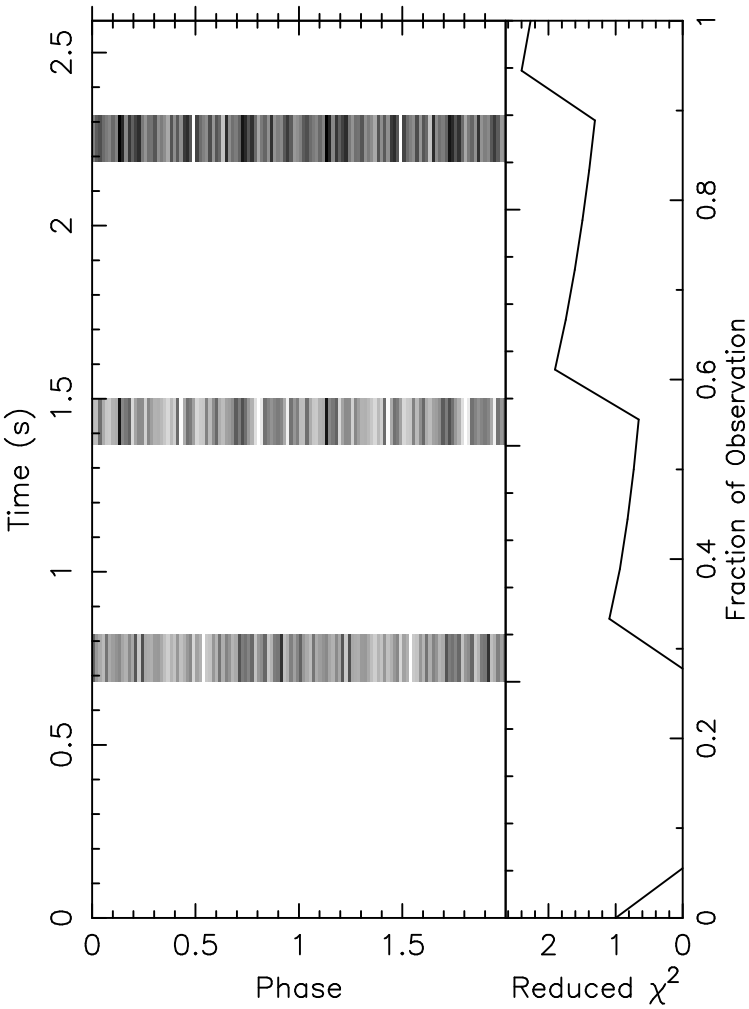
RA_{J2000} = 16:16:19.2699 DEC_{J2000} = −55:15:00.0000

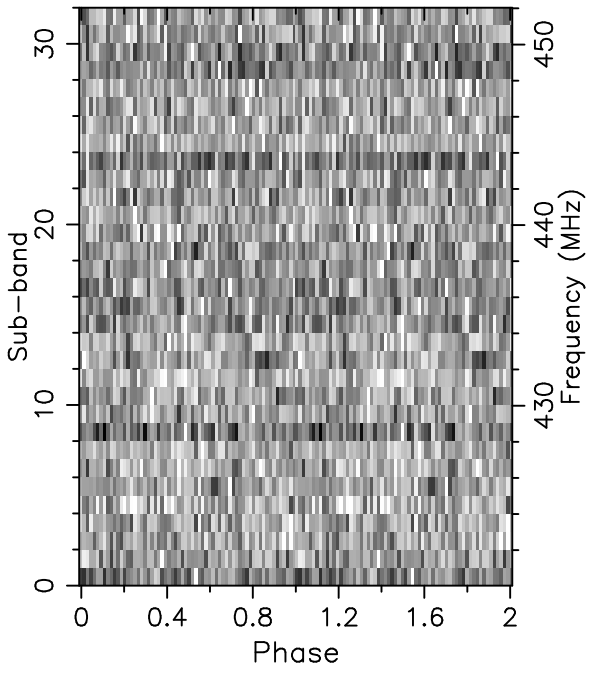
Best Fit Parameters

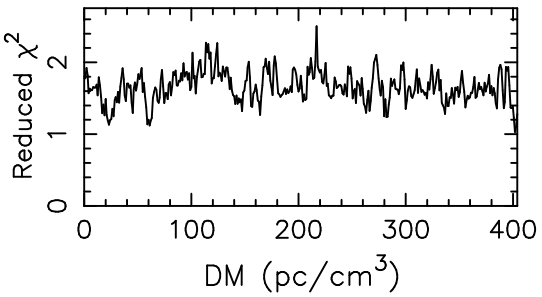
DOF_{eff} = 60.45 χ^2_{red} = 2.267 P(Noise) < 3.94e−08 (5.4σ)
Dispersion Measure (DM; pc/cm^3) = 124.150
P_{topo} (ms) = 999.4(3.3) P_{bary} (ms) = 999.3(3.3)
P'_{topo} (s/s) = −0.0837(99) P'_{bary} (s/s) = −0.0837(99)
P''_{topo} (s/s^2) = 0.000(25) P''_{bary} (s/s^2) = 0.014(25)

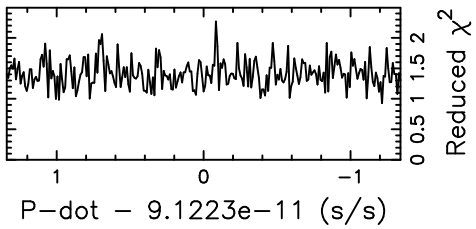
Binary Parameters

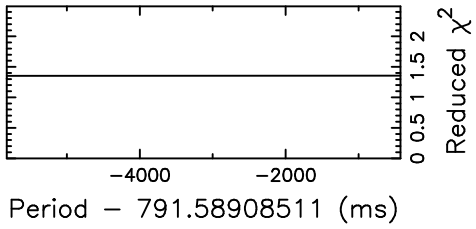
P_{orb} (s) = N/A e = N/A
$a_1 \sin(i)/c$ (s) = N/A ω (rad) = N/A
T_{peri} = N/A

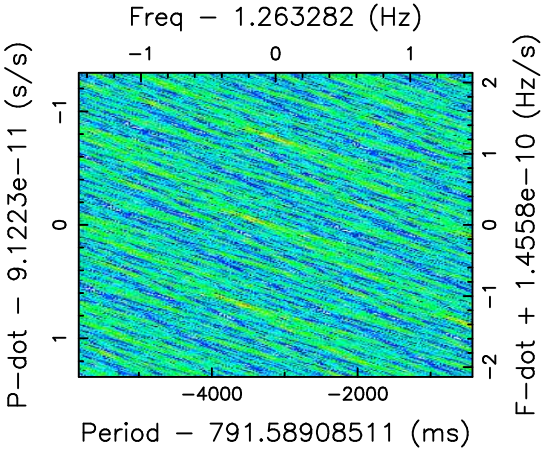












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pulsar 6−Feb−2024 19:35