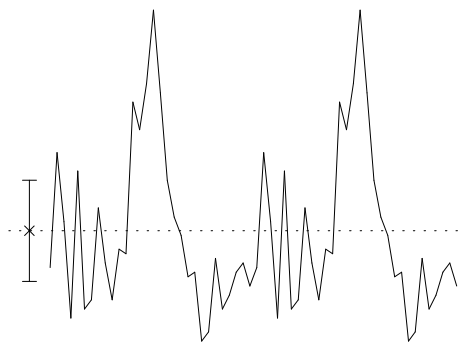
2 Pulses of Best Profile

SPIGOT_Ter5_041110e_DM239.00.sub00

Search Information



Candidate: 2.46ms_Cand
Telescope: GBT
$Epoch_{topo}$ = 53319.81288194445
$Epoch_{bary}$ = 53319.80915805296
T_{sample} = 8.192e−05
Data Folded = 171507712
Data Avg = 1.26e+05
Data StdDev = 289.7
Profile Bins = 30
Profile Avg = 7.203e+11
Profile StdDev = 6.927e+05

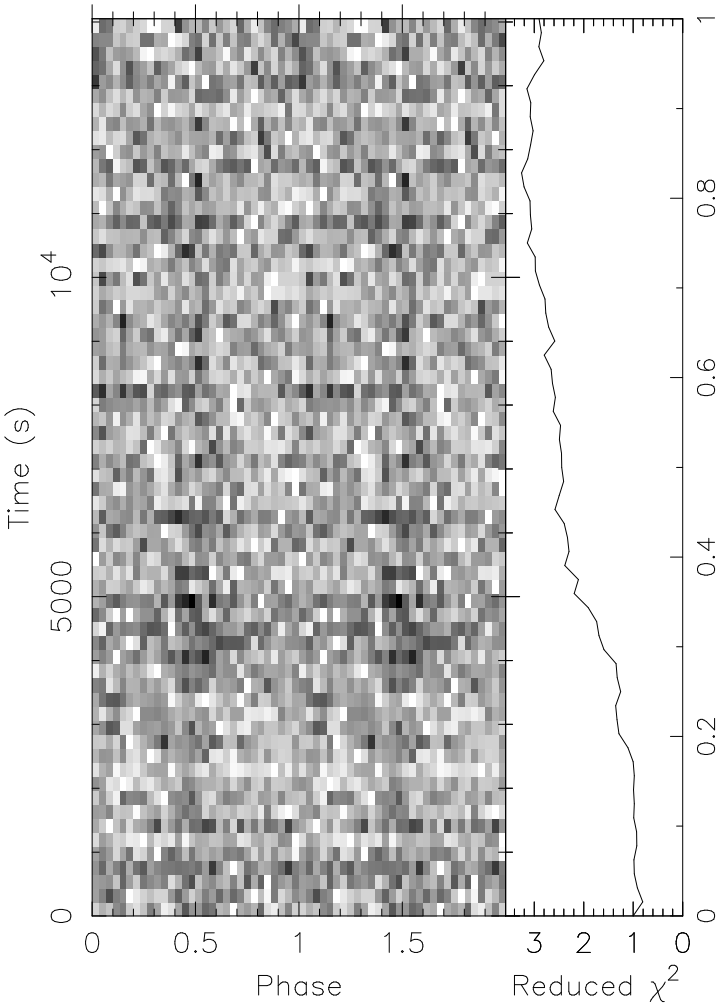
RA_{J2000} = 17:48:04.9008 DEC_{J2000} = −24:46:45.0120

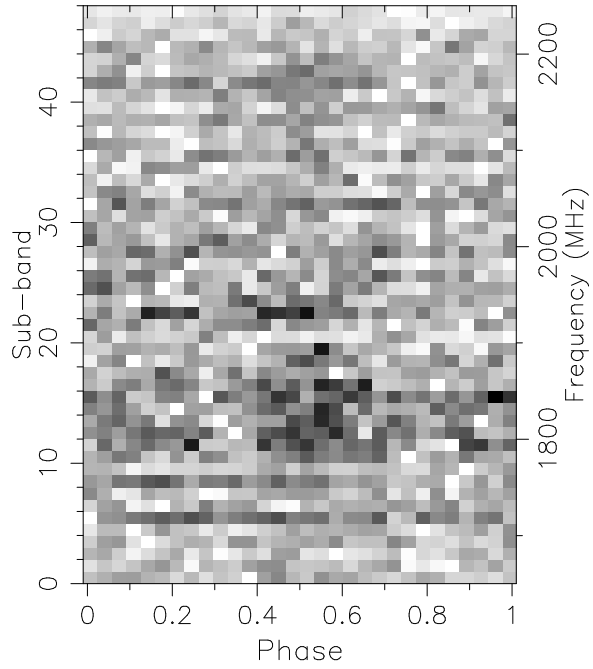
Best Fit Parameters

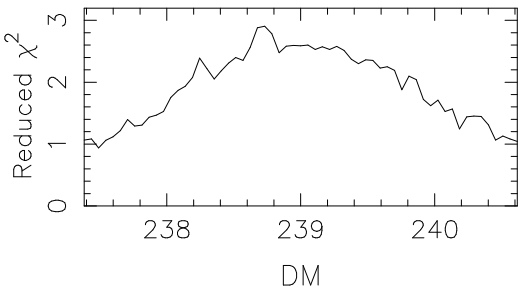
Reduced χ^2 = 2.904 P(Noise) < 2.74e−07 (≈5.0σ)
Dispersion Measure (DM) = 238.731
P_{topo} (ms) = 2.462631326(26) P_{bary} (ms) = 2.462479804(26)
P'_{topo} (s/s) = 2.359(14)x10^{-12} P'_{bary} (s/s) = 2.182(14)x10^{-12}
P''_{topo} (s/s^2) = 0.0(6.5)x10^{-18} P''_{bary} (s/s^2) = 5.7(6.5)x10^{-18}

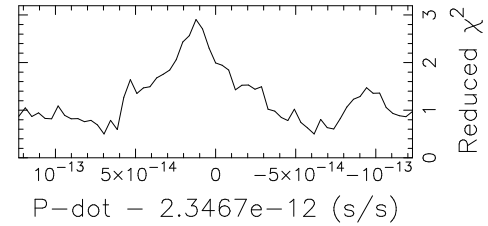
Binary Parameters

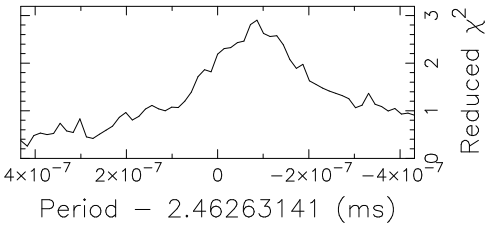
P_{orb} (s) = N/A e = N/A
$a_1 \sin(i)/c$ (s) = N/A ω (rad) = N/A
T_{peri} = N/A

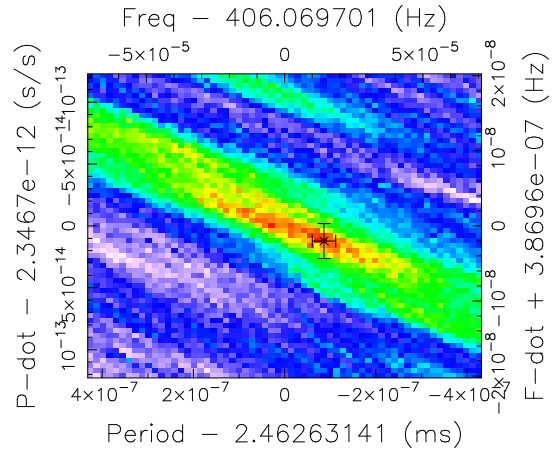












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