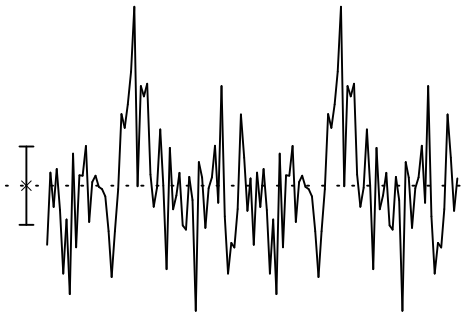
2 Pulses of Best Profile



Search Information

Candidate: 529.97ms_Cand
Telescope: Arecibo
$Epoch_{topo}$ = 57119.96676475505
$Epoch_{bary}$ = 57119.96882853634
T_{sample} = 8.192e−05
Data Folded = 524288
Data Avg = 3.786e+04
Data StdDev = 391.9
Profile Bins = 64
Profile Avg = 3.07e+08
Profile StdDev = 3.547e+04

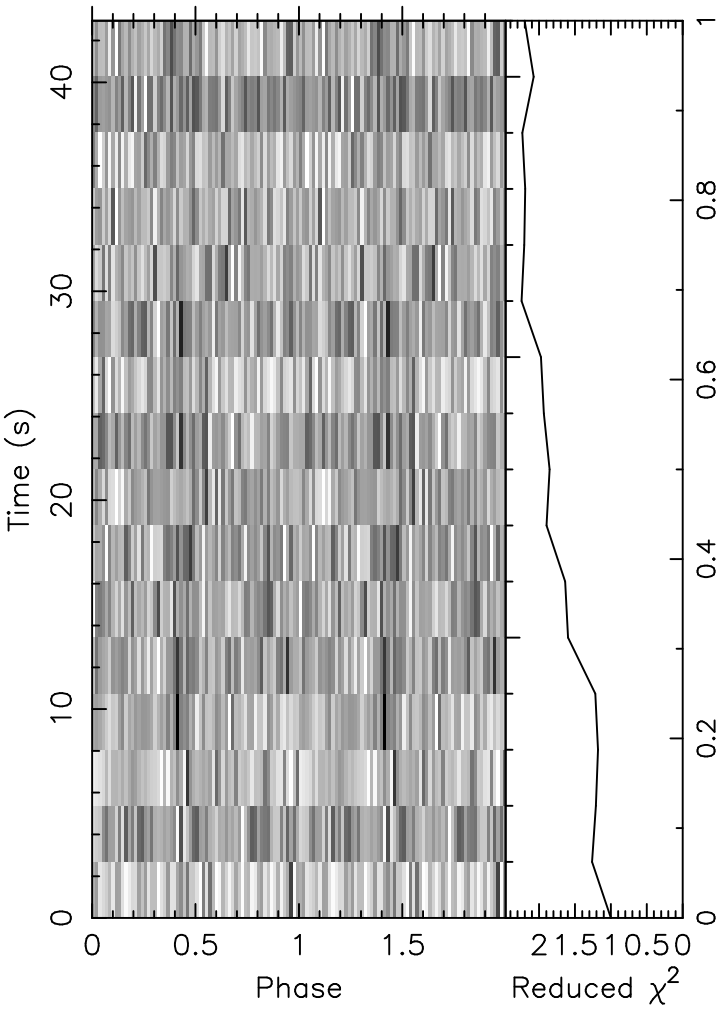
RA_{J2000} = 08:13:51.3600 DEC_{J2000} = 22:00:05.4000

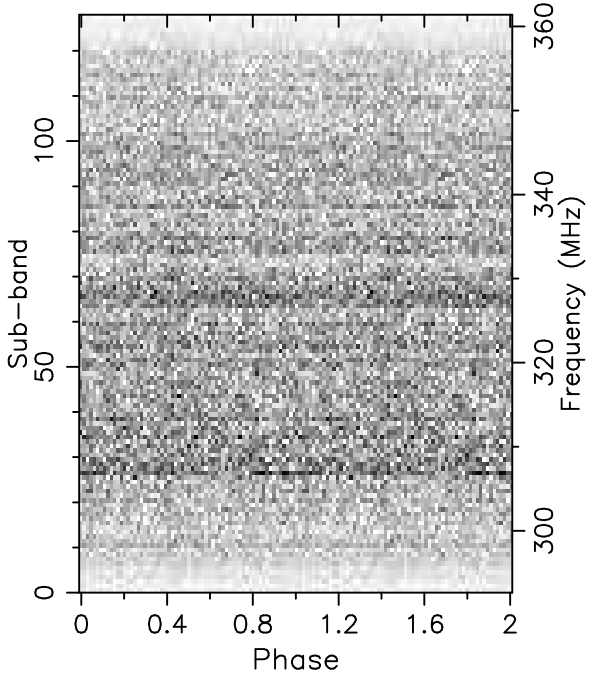
Folding Parameters

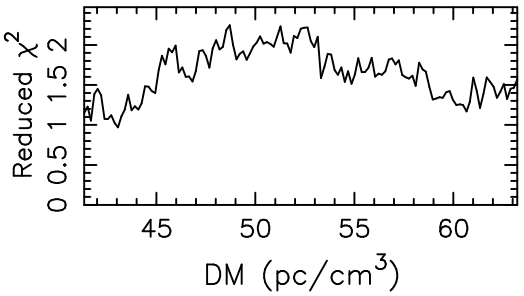
DOF_{eff} = 60.47 χ^2_{red} = 2.203 P(Noise) < 2.17e−07 (5.1σ)
Dispersion Measure (DM; pc/cm^3) = 52.290
P_{topo} (ms) = 530.017(86) P_{bary} (ms) = 529.966(86)
P'_{topo} (s/s) = 6.7(1.6)x10^{-5} P'_{bary} (s/s) = 6.7(1.6)x10^{-5}
P''_{topo} (s/s^2) = 0.0(2.4)x10^{-6} P''_{bary} (s/s^2) = 0.0(2.4)x10^{-6}

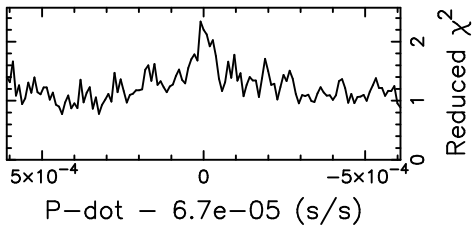
Binary Parameters

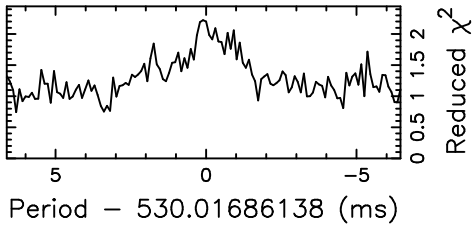
P_{orb} (s) = N/A e = N/A
$a_1 \sin(i)/c$ (s) = N/A ω (rad) = N/A
T_{peri} = N/A

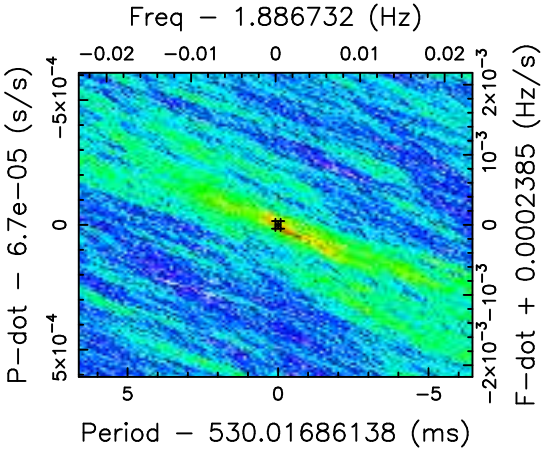












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jdeneva 9−Aug−2022 11:39