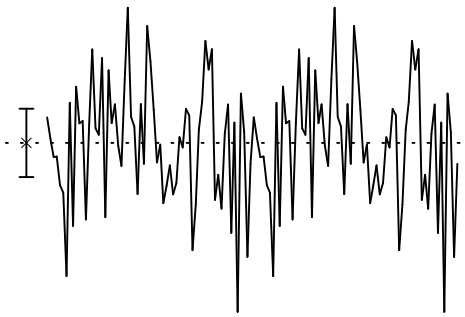
2 Pulses of Best Profile



Search Information

Candidate: 529.12ms_Cand
Telescope: Parkes
$Epoch_{topo}$ = 49016.13498842593
$Epoch_{bary}$ = 49016.13289358758
T_{sample} = 0.0003
Data Folded = 522240
Data Avg = 129.1
Data StdDev = 7.969
Profile Bins = 64
Profile Avg = 1.053e+06
Profile StdDev = 719.9

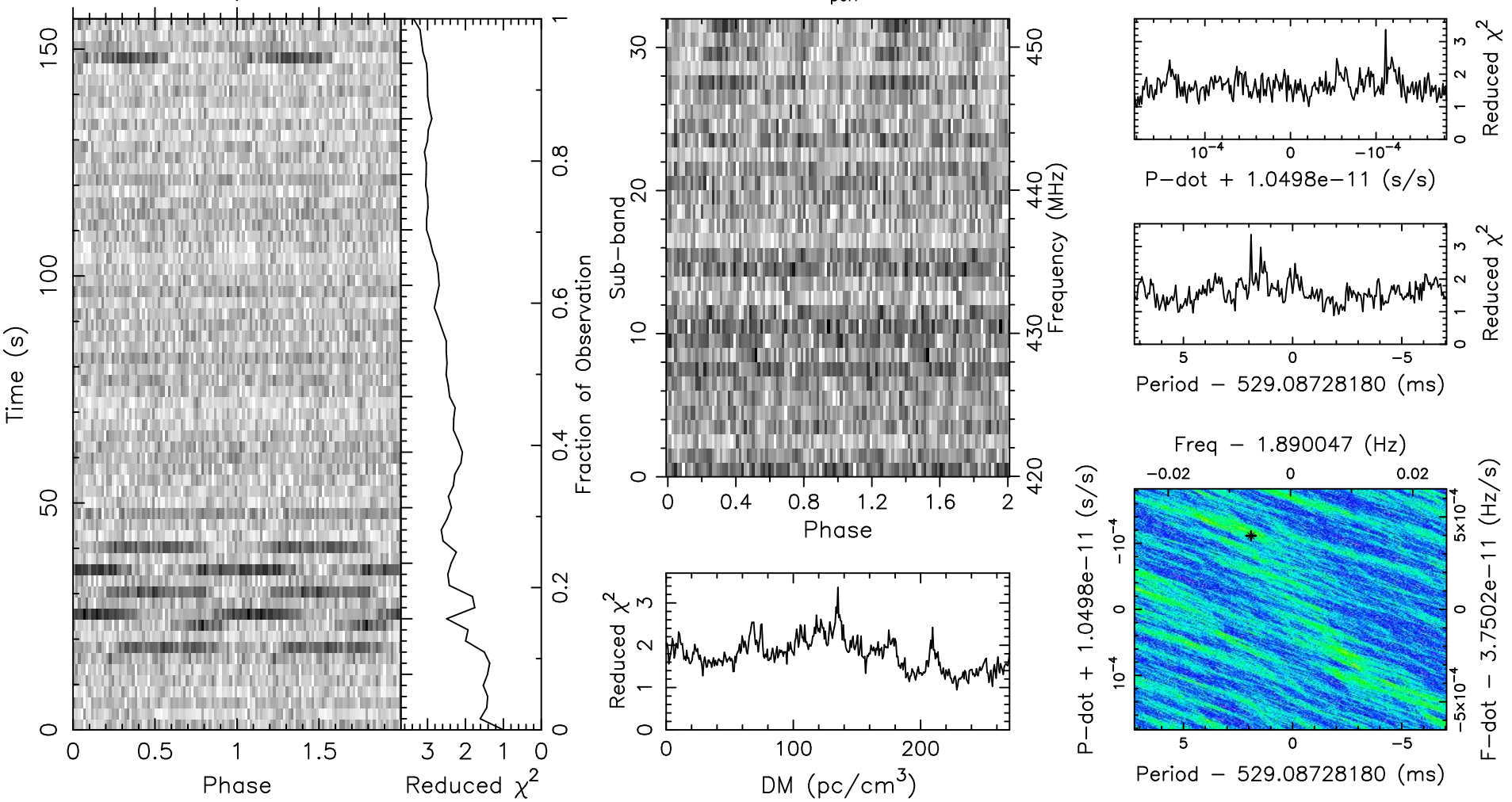
RA_{J2000} = 16:31:37.7700 DEC_{J2000} = −59:08:60.0000

Best Fit Parameters

DOF_{eff} = 60.40 χ^2_{red} = 3.366 P(Noise) < 5.02e−18 (8.6σ)
Dispersion Measure (DM; pc/cm^3) = 134.980
P_{topo} (ms) = 530.993(14) P_{bary} (ms) = 531.026(14)
P'_{topo} (s/s) = −0.00011119(70) P'_{bary} (s/s) = −0.00011119(70)
P''_{topo} (s/s^2) = 0.0(2.9)x10^{-8} P''_{bary} (s/s^2) = 4.7(2.9)x10^{-8}

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 19:40