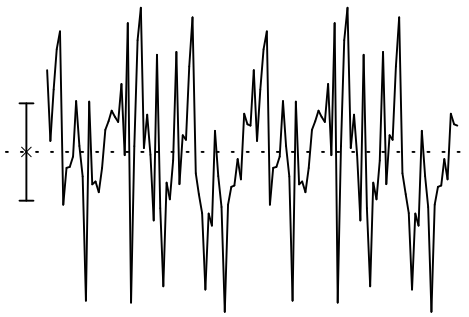
2 Pulses of Best Profile



Candidate: 291.49ms_Cand
Telescope: Parkes
$Epoch_{topo}$ = 49704.05012731482
$Epoch_{bary}$ = 49704.04508207369
T_{sample} = 0.0003
Data Folded = 522240
Data Avg = 126.9
Data StdDev = 8.241
Profile Bins = 64
Profile Avg = 1.035e+06
Profile StdDev = 744.5

Search Information

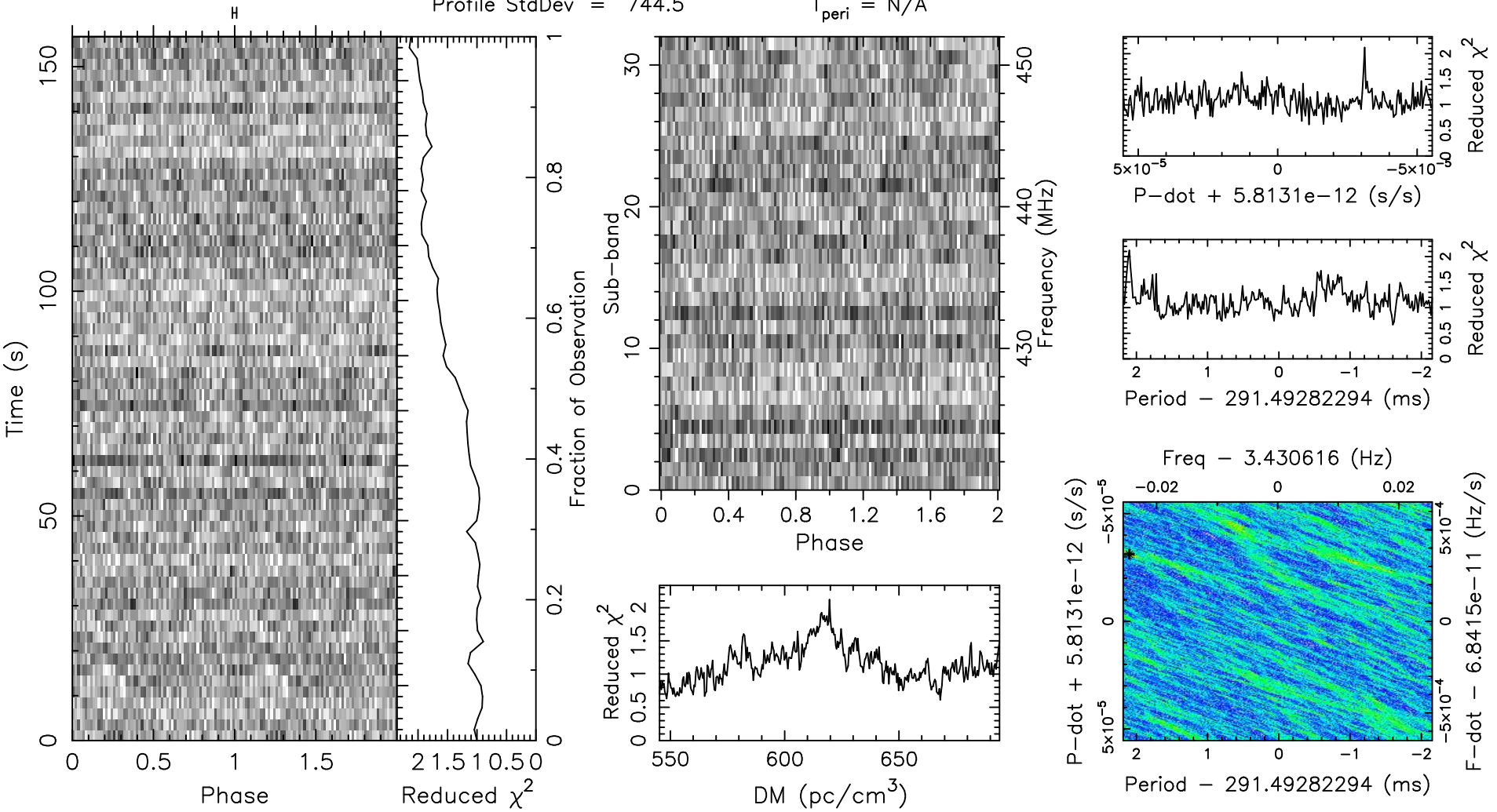
RA_{J2000} = 18:16:30.0000 DEC_{J2000} = −14:56:60.0000

Best Fit Parameters

DOF_{eff} = 60.24 χ^2_{red} = 2.121 P(Noise) < 5.37e−07 (4.9σ)
Dispersion Measure (DM; pc/cm^3) = 619.650
P_{topo} (ms) = 293.5924(62) P_{bary} (ms) = 293.5886(62)
P'_{topo} (s/s) = −3.115(30)x10^{-5} P'_{bary} (s/s) = −3.115(30)x10^{-5}
P''_{topo} (s/s^2) = 0.0(1.3)x10^{-8} P''_{bary} (s/s^2) = 0.7(1.3)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



S60707_8.fil

pulsar 6−Feb−2024 19:39