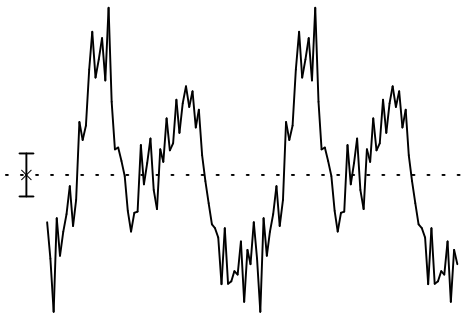
2 Pulses of Best Profile



Candidate: 18.51ms_Cand
Telescope: Arecibo
$Epoch_{topo}$ = 55878.85692129630
$Epoch_{bary}$ = 55878.85520524589
T_{sample} = 6.5476e−05
Data Folded = 7818240
Data Avg = 6124
Data StdDev = 84.05
Profile Bins = 64
Profile Avg = 7.481e+08
Profile StdDev = 2.938e+04

Search Information

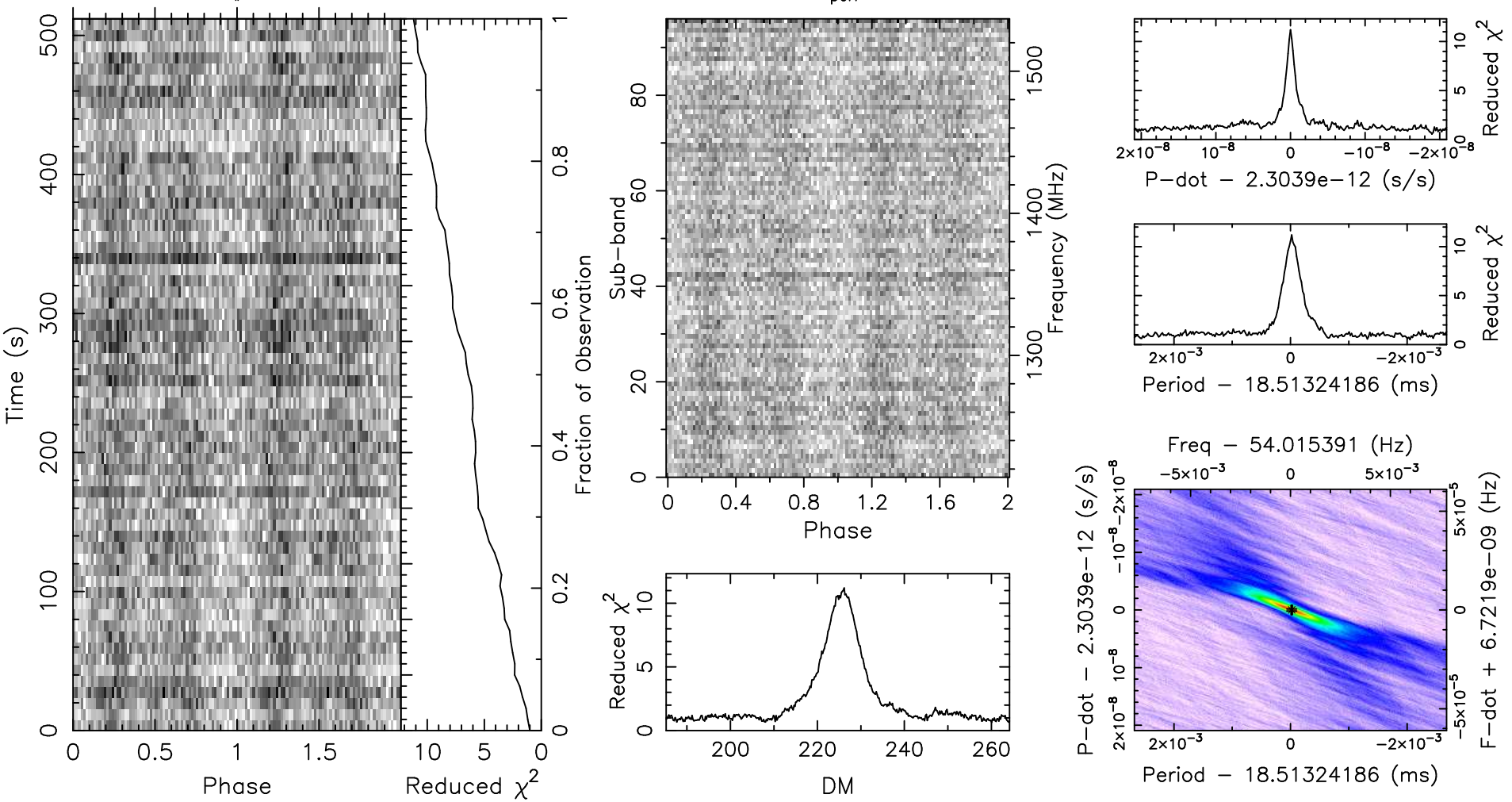
RA_{J2000} = 19:14:21.4605 DEC_{J2000} = 06:59:27.5033

Best Fit Parameters

Reduced χ^2 = 11.200 P(Noise) < 2.25e−109 (≈22.2σ)
Dispersion Measure (DM) = 226.144
P_{topo} (ms) = 18.513221(11) P_{bary} (ms) = 18.511819(11)
P'_{topo} (s/s) = 0.0(1.7)x10^{-10} P'_{bary} (s/s) = 0.0(1.7)x10^{-10}
P''_{topo} (s/s^2) = 0.0(2.1)x10^{-12} P''_{bary} (s/s^2) = 0.0(2.1)x10^{-12}

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



4bit−p2030.20111113.C1914+0659_585.b0g0_0001.fits