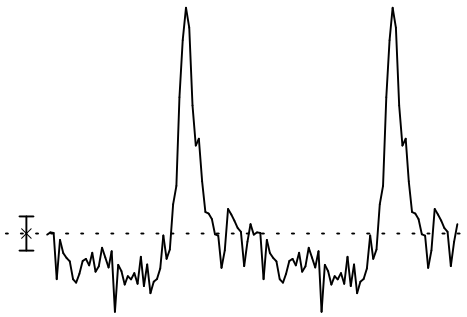
2 Pulses of Best Profile



Candidate: ACCEL_Cand_2
Telescope: Arecibo
$Epoch_{topo}$ = 55838.99214120370
$Epoch_{bary}$ = 55838.99465019375
T_{sample} = 6.5476e-05
Data Folded = 4077090
Data Avg = 6112
Data StdDev = 83.9
Profile Bins = 64
Profile Avg = 3.894e+08
Profile StdDev = 2.118e+04

Search Information

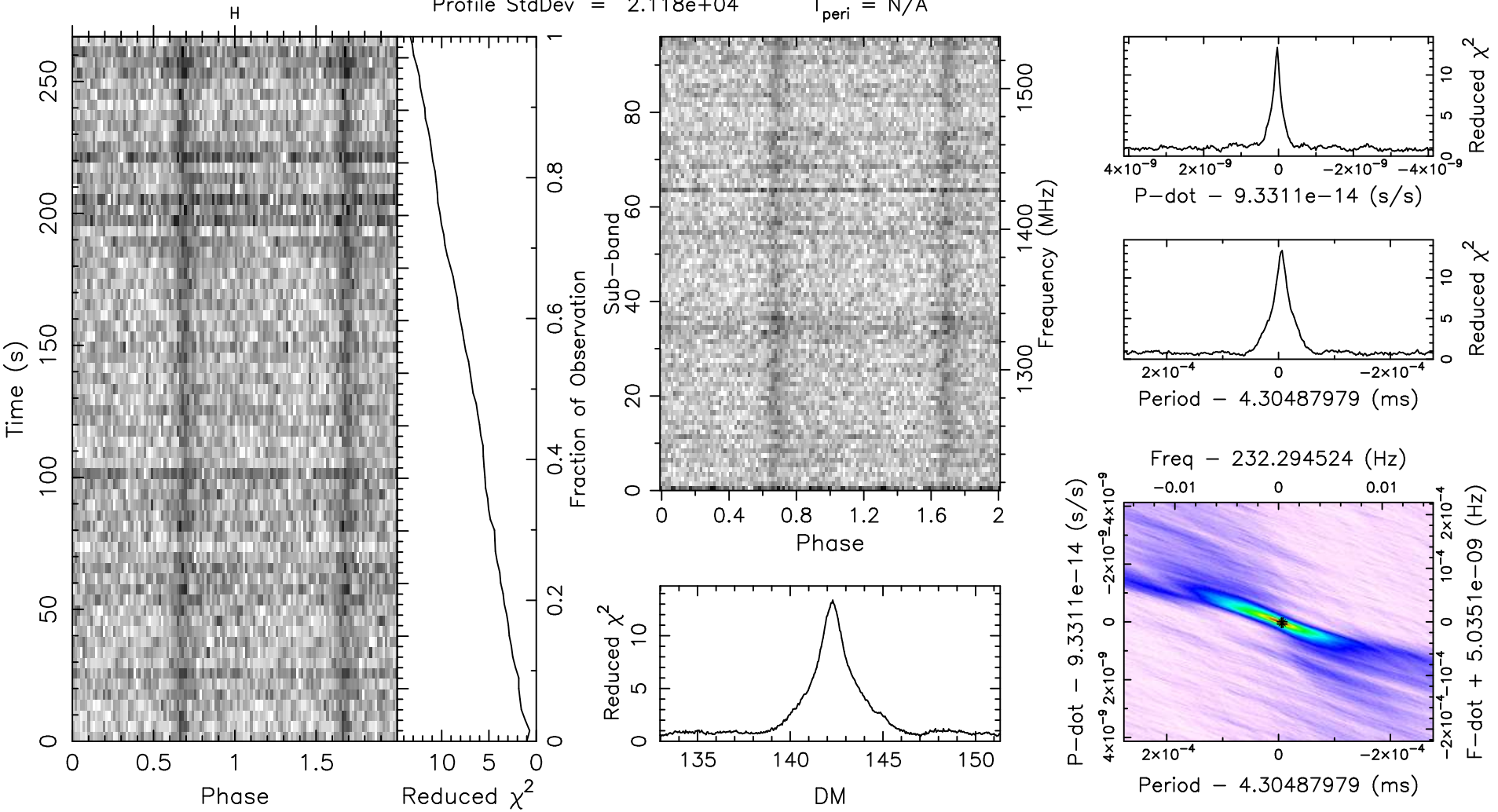
RA_{J2000} = 19:50:48.8483 DEC_{J2000} = 24:16:06.5763

Best Fit Parameters

Reduced χ^2 = 13.368 P(Noise) < 1.07e-136 (≈24.9σ)
Dispersion Measure (DM) = 142.293
P_{topo} (ms) = 4.3048733(14) P_{bary} (ms) = 4.3045933(14)
P'_{topo} (s/s) = 3.2(3.9)x10^{-11} P'_{bary} (s/s) = 3.2(3.9)x10^{-11}
P''_{topo} (s/s^2) = 0.0(9.6)x10^{-13} P''_{bary} (s/s^2) = 0.0(9.6)x10^{-13}

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-p2030.20111004.J1950+24.b0g0_0001.fits

pulsar 4-Oct-2011 22:20