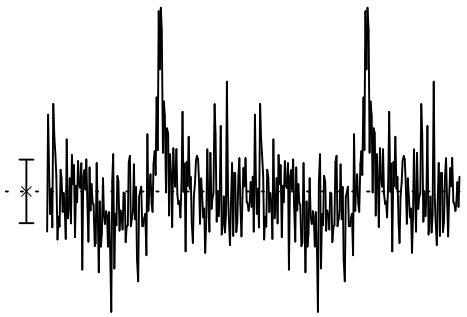
2 Pulses of Best Profile



Search Information

Candidate: 531.47ms_Cand
Telescope: Arecibo
$Epoch_{topo}$ = 55878.83241898148
$Epoch_{bary}$ = 55878.83075174705
T_{sample} = 6.5476e−05
Data Folded = 3909120
Data Avg = 6129
Data StdDev = 83.88
Profile Bins = 200
Profile Avg = 1.196e+08
Profile StdDev = 1.173e+04

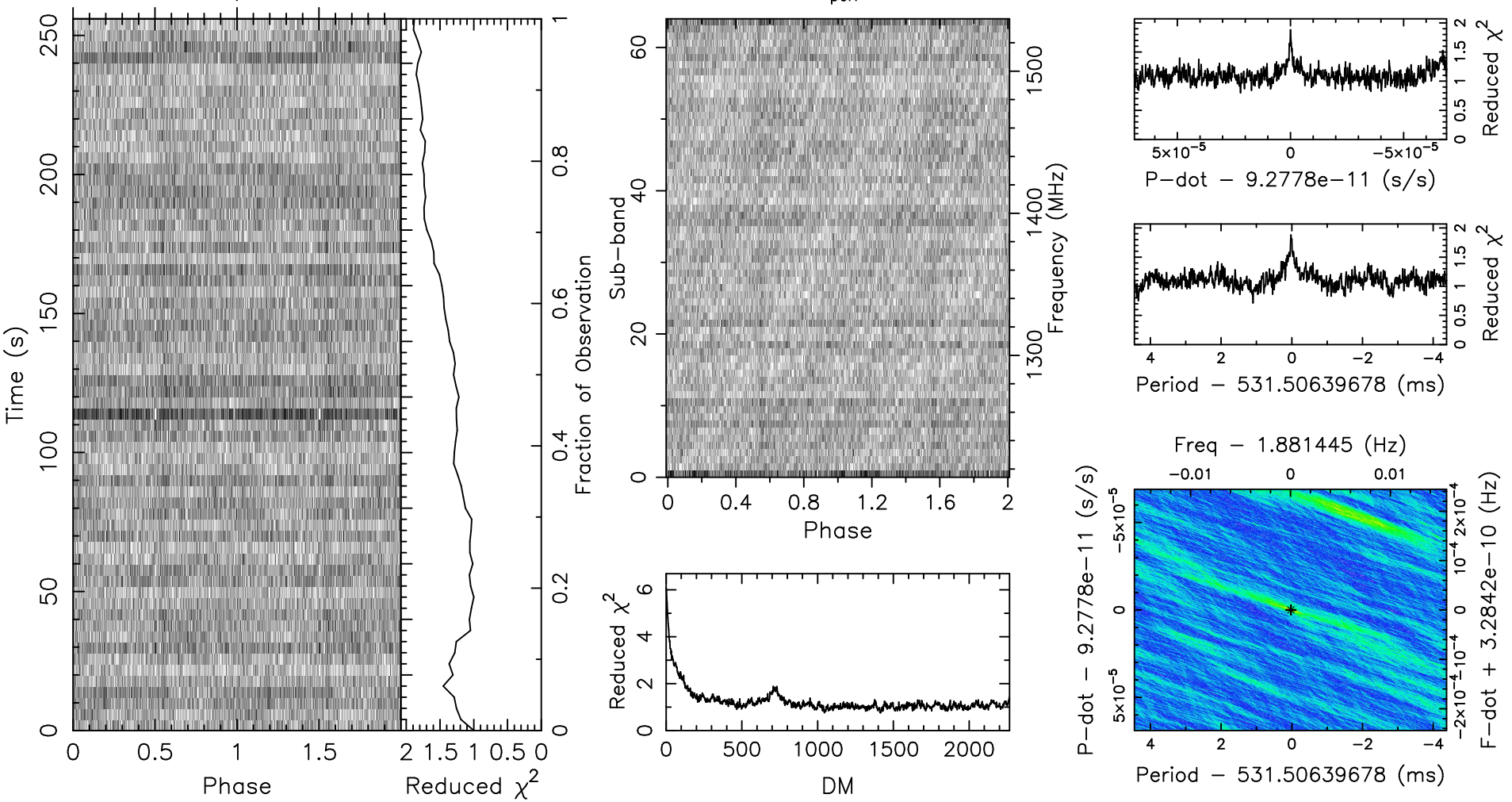
RA_{J2000} = 19:10:41.1539 DEC_{J2000} = 10:27:34.5841

Best Fit Parameters

Reduced χ^2 = 1.881 P(Noise) < 7.43e−13 (≈7.1σ)
Dispersion Measure (DM) = 706.488
P_{topo} (ms) = 531.5285(40) P_{bary} (ms) = 531.4900(40)
P'_{topo} (s/s) = 0.0(1.2)x10^{-7} P'_{bary} (s/s) = 0.0(1.2)x10^{-7}
P''_{topo} (s/s^2) = 0.0(3.1)x10^{-9} P''_{bary} (s/s^2) = 0.0(3.1)x10^{-9}

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



p2030.20111113.C1910+1027_586.b0g0_4_0001.fits