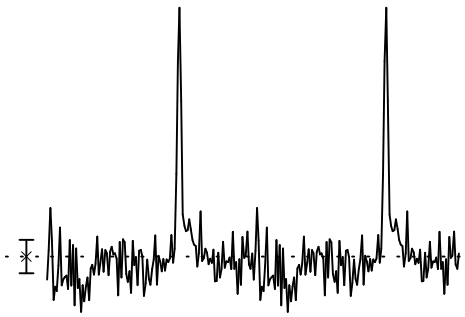
2 Pulses of Best Profile



Search Information

Candidate: 281.40ms_Cand
Telescope: Arecibo
$Epoch_{topo}$ = 57980.21888574720
$Epoch_{bary}$ = 57980.22382047895
T_{sample} = 8.192e−05
Data Folded = 655360
Data Avg = 3.421e+04
Data StdDev = 351.5
Profile Bins = 128
Profile Avg = 1.744e+08
Profile StdDev = 2.515e+04

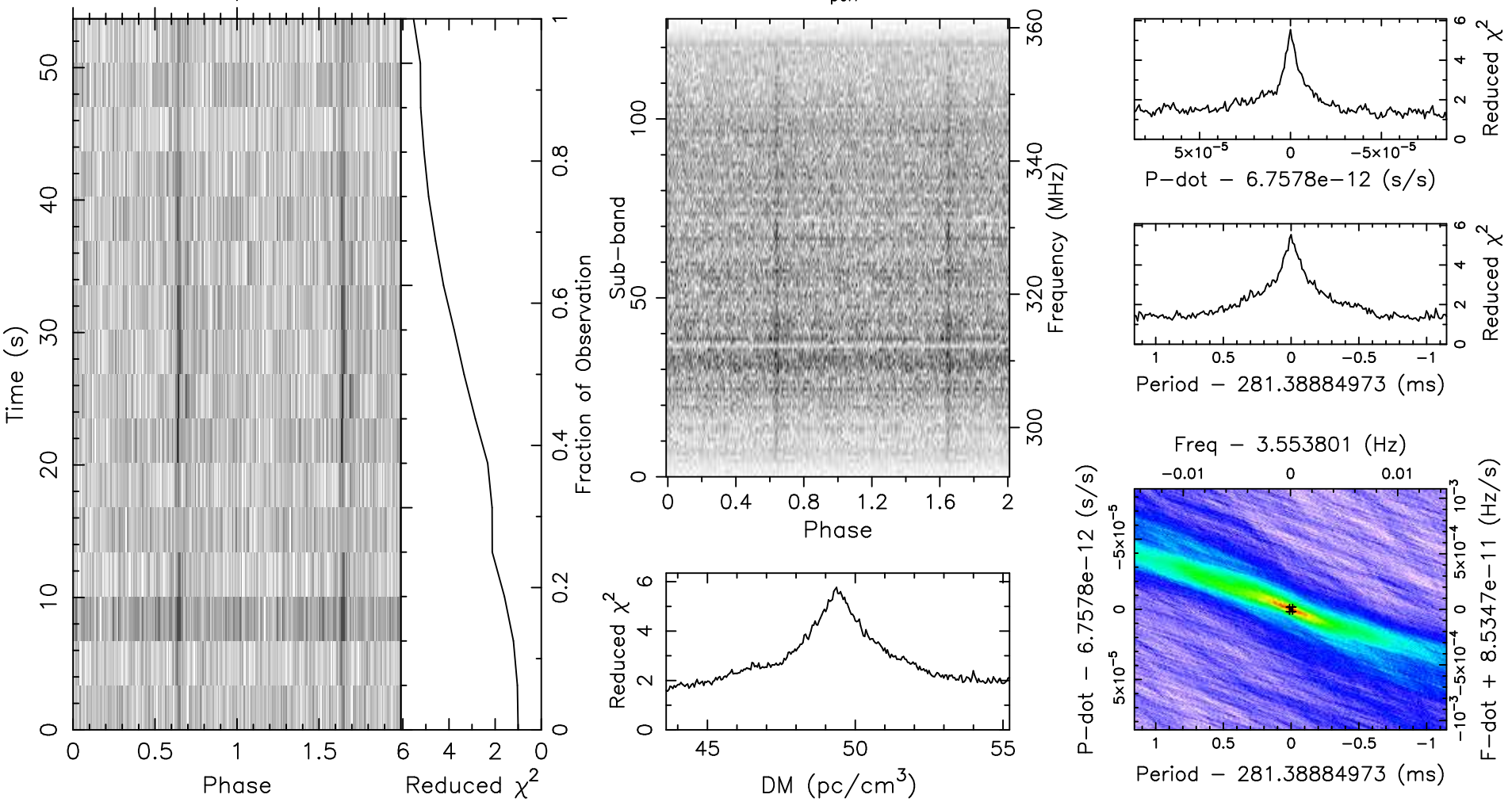
RA_{J2000} = 22:23:04.5600 DEC_{J2000} = 29:31:25.3200

Folding Parameters

DOF_{eff} = 121.74 χ^2_{red} = 5.534 P(Noise) < 2.58e−77 (18.6σ)
Dispersion Measure (DM; pc/cm^3) = 49.413
P_{topo} (ms) = 281.389(11) P_{bary} (ms) = 281.399(11)
P'_{topo} (s/s) = 0.0(1.7)x10^{-6} P'_{bary} (s/s) = 0.0(1.7)x10^{-6}
P''_{topo} (s/s^2) = 0.0(2.0)x10^{-7} P''_{bary} (s/s^2) = 0.0(2.0)x10^{-7}

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_puppi_57980_Strip205_0314.0001.D222304+2931.0001.fits

jdeneva 3−Aug−2022 14:03