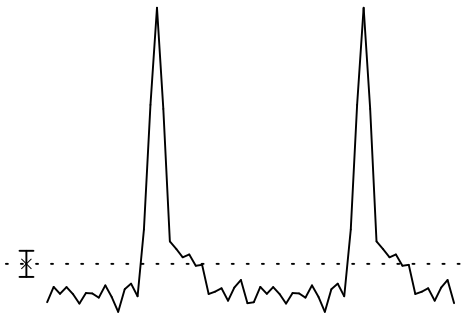
2 Pulses of Best Profile



Search Information

Candidate: 2.38ms_Cand
Telescope: Arecibo
$Epoch_{topo}$ = 57155.40286339982
$Epoch_{bary}$ = 57155.40391982338
T_{sample} = 8.192e−05
Data Folded = 524288
Data Avg = 3.995e+04
Data StdDev = 410.7
Profile Bins = 32
Profile Avg = 6.545e+08
Profile StdDev = 5.257e+04

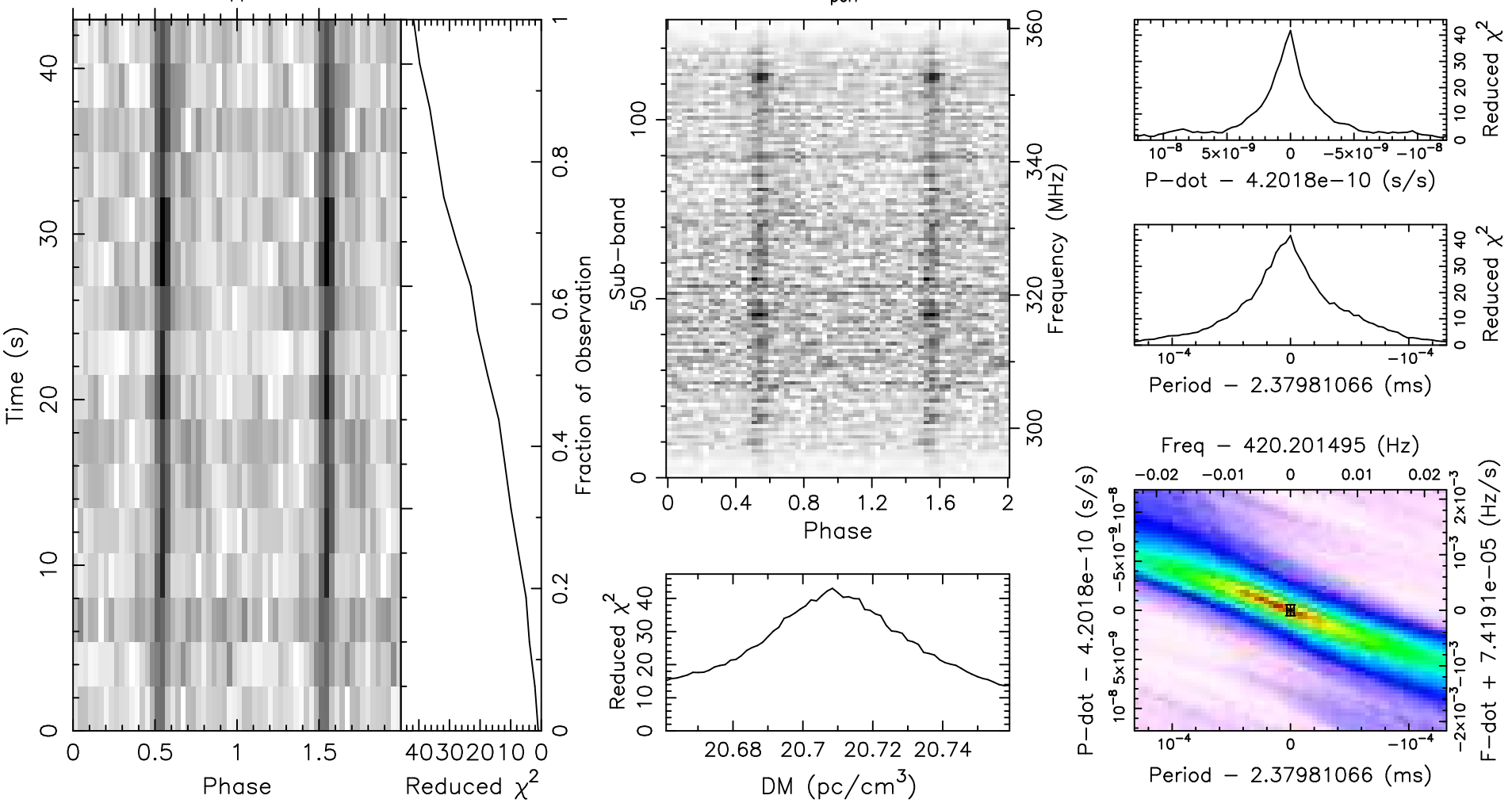
RA_{J2000} = 20:43:17.0400 DEC_{J2000} = 17:13:31.8000

Folding Parameters

DOF_{eff} = 19.28 χ^2_{red} = 41.744 P(Noise) < 3.65e−158 (26.8σ)
Dispersion Measure (DM; pc/cm^3) = 20.710
P_{topo} (ms) = 2.3798107(31) P_{bary} (ms) = 2.3800046(31)
P'_{topo} (s/s) = 4.2(5.6)x10^{-10} P'_{bary} (s/s) = 4.2(5.6)x10^{-10}
P''_{topo} (s/s^2) = 0.0(8.5)x10^{-11} P''_{bary} (s/s^2) = 0.0(8.5)x10^{-11}

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_57155_Strip912_1269.0002.D204317+1713.0001.fits

jdeneva 6−Oct−2022 16:27