2 Pulses of Best Profile

Candidate: 3.55Hz_Cand
Telescope: Arecibo
Epoch$_{\text{topo}}$ = 55376.24346063162
Epoch$_{\text{bary}}$ = 55376.24882823401
$T_{\text{sample}}$ = 6.5476e-05
Data Folded = 3909120
Data Avg = 8.294e+04
Data StdDev = 457
Profile Bins = 100
Profile Avg = 3.242e+09
Profile StdDev = 9.035e+04

Reduced $\chi^2 = 847.924$  $\text{P(Noise) } \sim 0$

Dispersion Measure (DM; pc/cm$^3$) = 235.998

Search Information

RA$_{\text{j2000}}$ = 19:16:54.2358
DEC$_{\text{j2000}}$ = 13:11:13.5253

Best Fit Parameters

$P_{\text{topo}}$ (ms) = 281.83162(28)
$P_{\text{bary}}$ (ms) = 281.83775(28)
$P_{\text{topo}}$ (s/s) = 4.85(86)x10$^{-8}$
$P_{\text{bary}}$ (s/s) = 4.85(86)x10$^{-8}$
$P_{\text{topo}}$ (s/s$^2$) = 0.0(2.2)x10$^{-10}$
$P_{\text{bary}}$ (s/s$^2$) = 0.0(2.2)x10$^{-10}$

Binary Parameters

$P_{\text{orb}}$ (s) = N/A
$a_\text{sin}(i)/c$ (s) = N/A
$T_{\text{peri}}$ = N/A

$e$ = N/A
$\omega$ (rad) = N/A

0.2 0.4 0.6 0.8
Fraction of Observation

0 5 10
Sub-band

0 1 2
Phase

0 150 300
Reduced $\chi^2$

0 200 400 600
Reduced $\chi^2$

0 1500 1400 1300
Frequency (MHz)

0 150 300
DM (pc/cm$^3$)

0 2.9236e-11
Period - 281.85024442 (ms)

Freq - 3.547983 (Hz)

Period - 281.85024442 (ms)

P-dot - 2.9236e-11 (s/s)

P-dot + 3.6802e-10 (Hz)

4bit-p2030.20100629.G47.50+00.37.C.b1g0_0001.fits

benk 23-Jan-2012 10:01