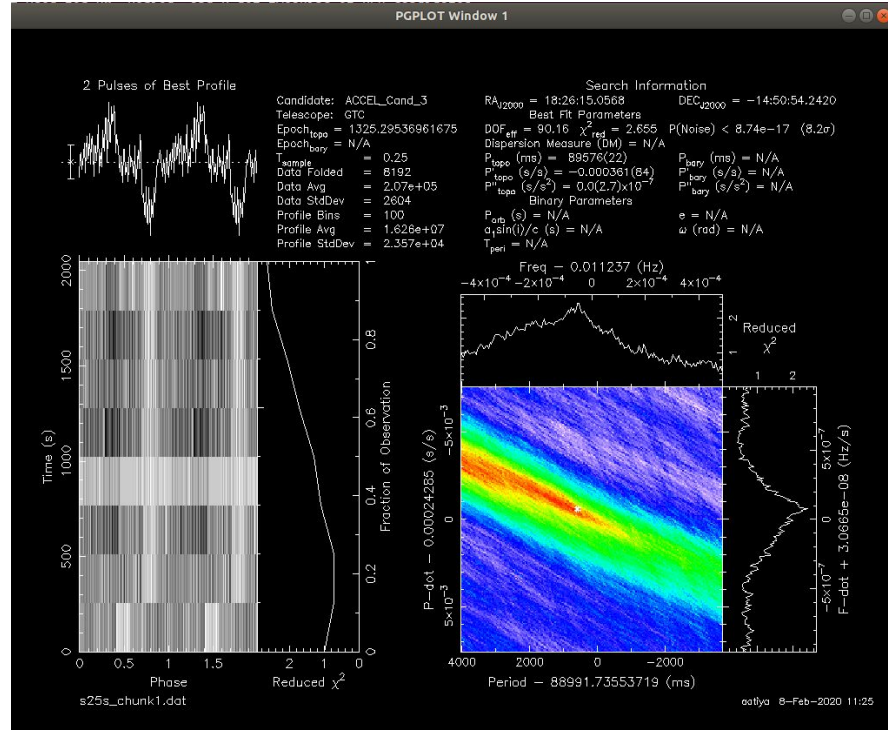


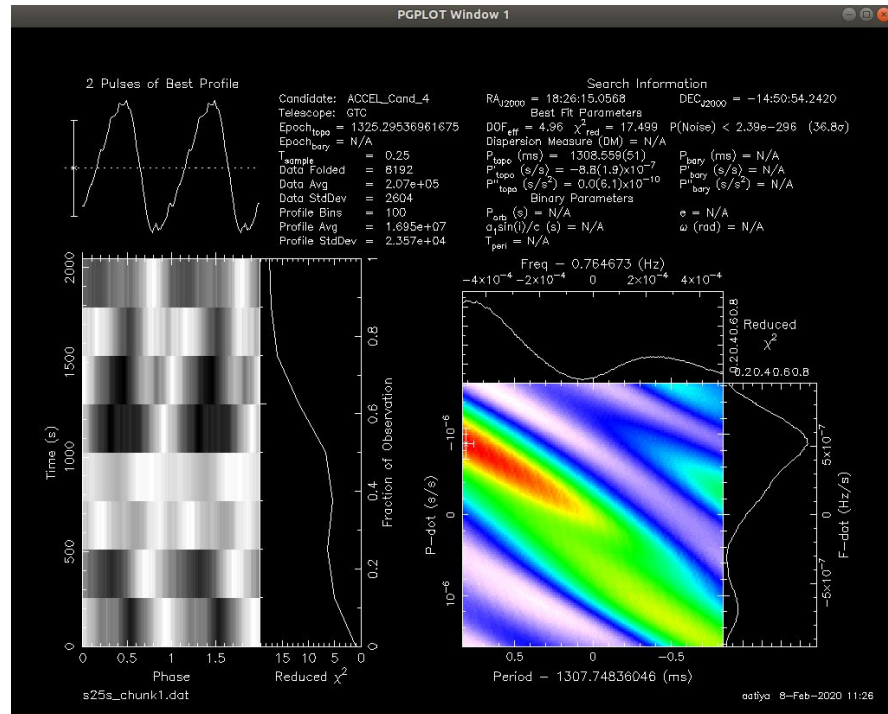
Chunk1 Candidate
Number:

3

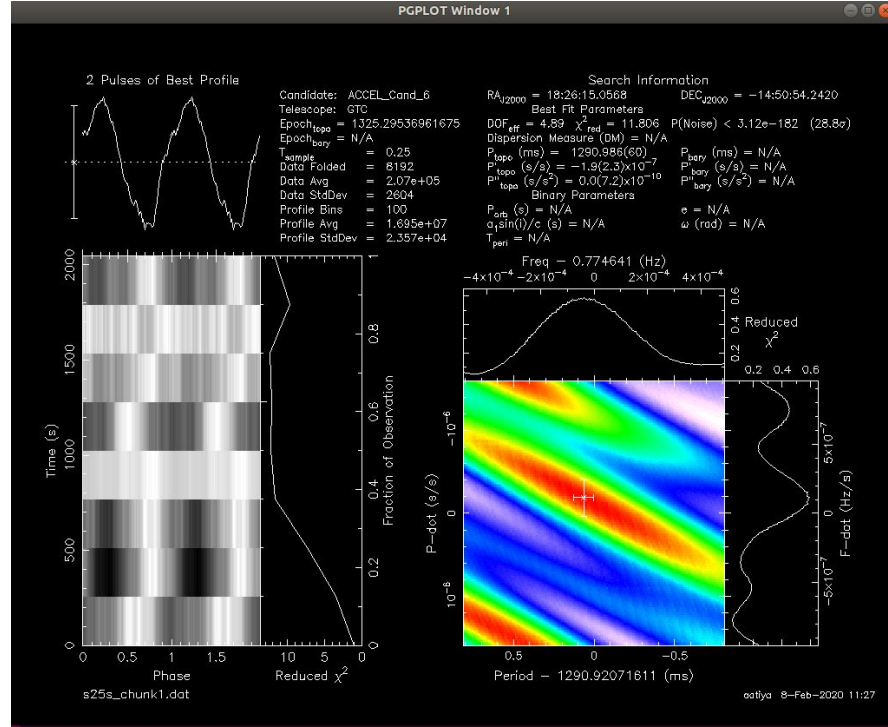
pgplot using parameters -p 260 (s) and -pd 0.0038 (s)



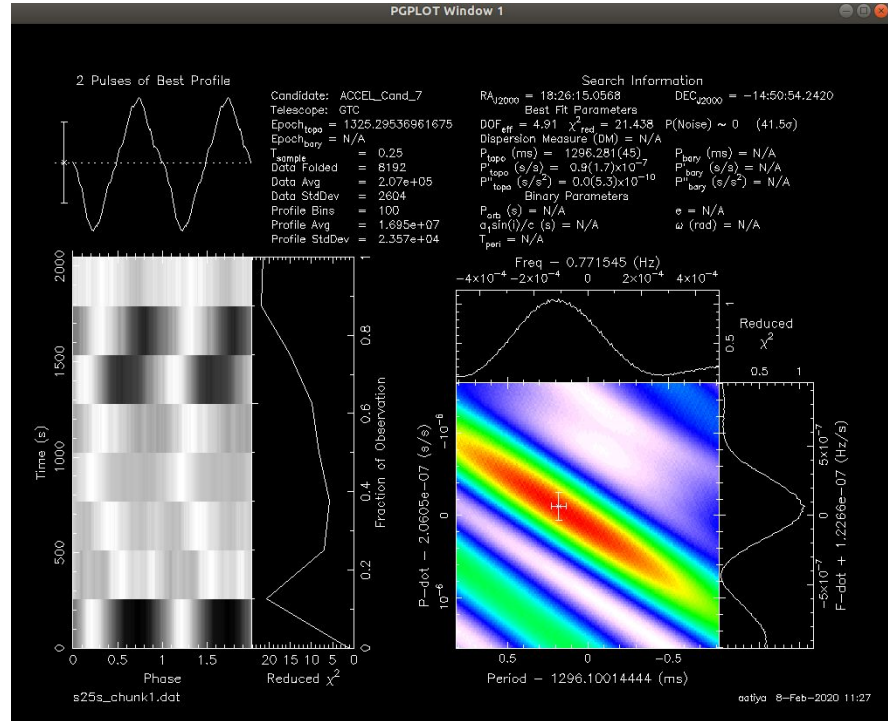
4

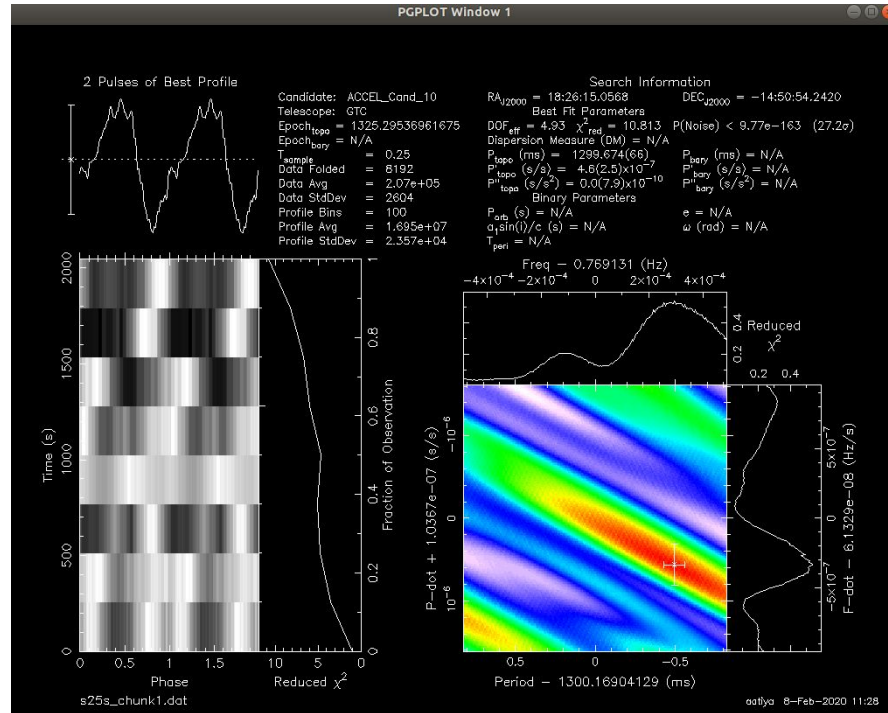
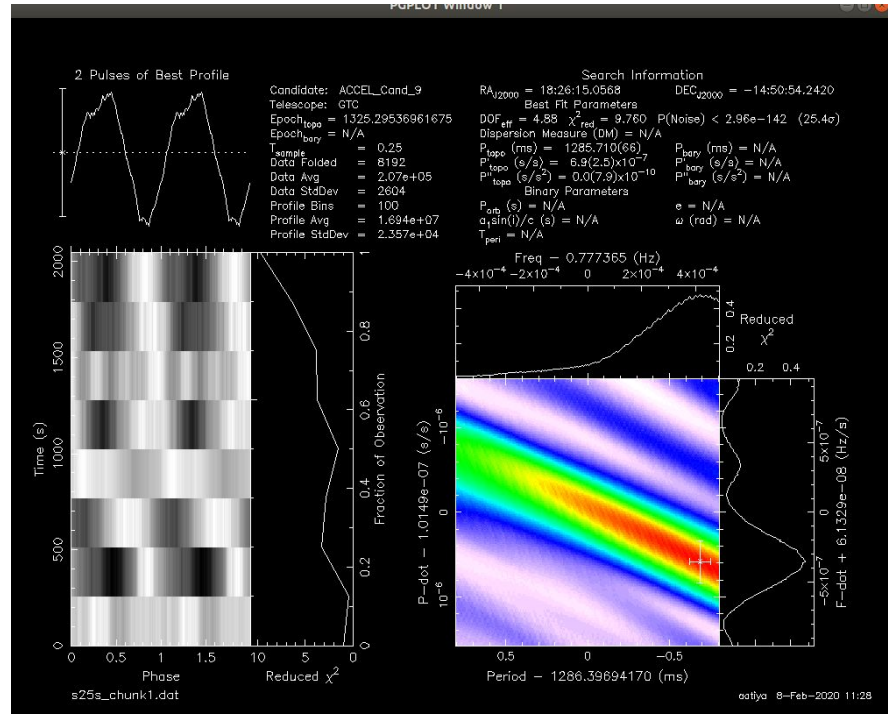


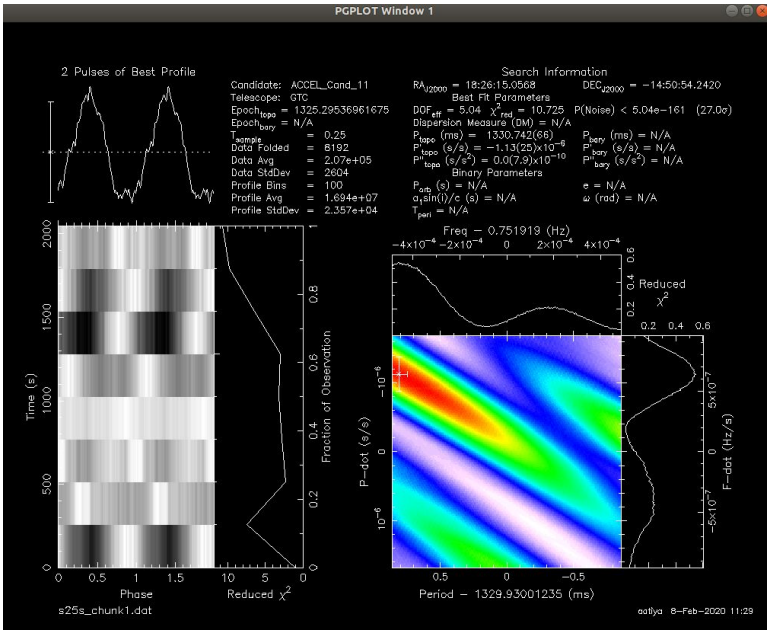
6



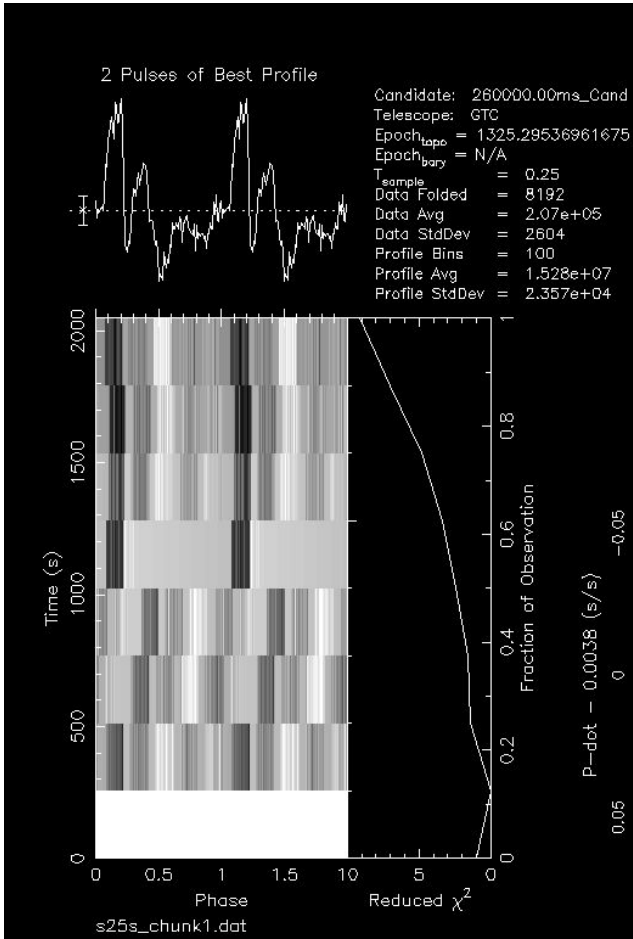
7







p-pdot graph:



	Command used:
Number of bins: 16152	nano ls5039_s25s.inf
Chunked to s25s_chunk1.dat	dd if=ls5039_s25s.dat of=s25s_chunk1.dat bs=4 count=28266 <ul style="list-style-type: none"> • 28266 from $(16152*7)/4$
Copied to .inf file	cp ls5039_s25s.inf s25s_chunk1.inf
New fft file	realfft s25s_chunk1.dat
Searching for candidates	accelsearch -numharm 8 -zmax 2 -flo 0.00001 s25s_chunk1.fft
	Candidates [3-11] had good sigma values (around 9-20)
Getting -p -pd values from non-chunked prepfold	prepfold -slow -npart 8 -accelfile ls5039_s25s_ACCEL_2.cand -accelcand 1 ls5039_s25s.dat
	Output: <ul style="list-style-type: none"> • -p 260 (s) • -pd 0.0038 (s)
Prepfold on chunk1 candidates [using p-pdot]:	prepfold -slow -npart 8 -p 0 -pd 0.0038 s25s_chunk1.dat
Prepfold on chunk1 candidates:	prepfold -slow -npart 8 -accelfile s25s_chunk1_ACCEL_2.cand -accelcand 1 s25s_chunk1.dat