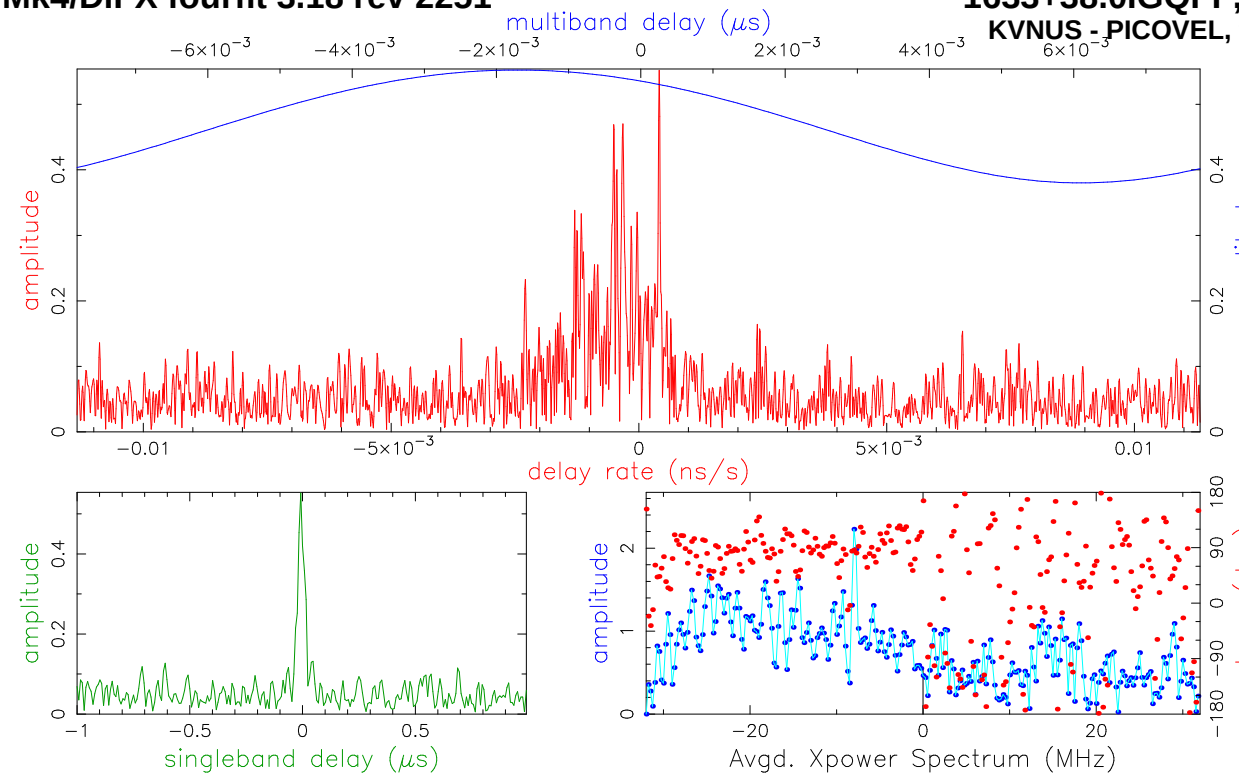
Mk4/DiFX fourfit 3.18 rev 2251

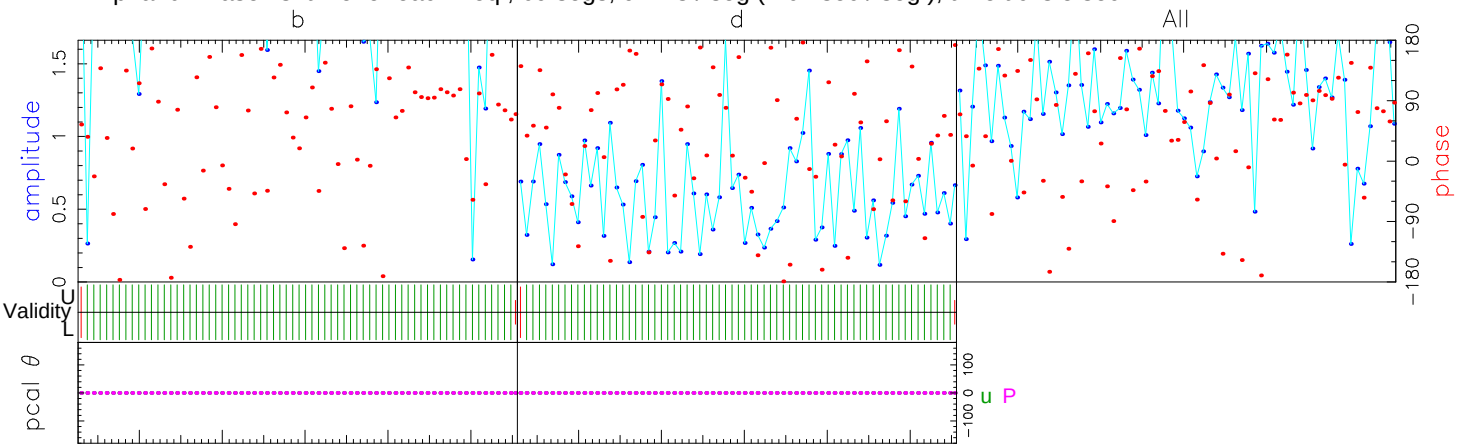
1633+38.0IGQFF, No0019, uP

KVNUS - PICOVEL, fgroup W, pol RL



Fringe quality	8
SNR	13.4
Int time	313.874
Amp	0.554
Phase	85.8
PFD	3.5e-33
Delays (us)	
SBD	-0.008689
MBD	-0.001465
Fringe rate (Hz)	
	0.034964
Ion TEC	0.000
Ref freq (MHz)	
	86140.0000
AP (sec)	0.512
Exp.	c182c
Exper #	16383
Yr:day	2018:273
Start	113215.66
Stop	113731.05
FRT	113346.00
Corr/FF/build	
	2019:049:231205
	2019:051:154256
	2018:249:082454
RA & Dec (J2000)	
	16h35m15.4930s
	+38°08' 4.501"

Amp. and Phase vs. time for each freq., 69 segs, 9 APs / seg (4.61 sec / seg.), time ticks 5 sec



	86156.00	86220.00	Freq (MHz)	All
	86.7	81.0	Phase	85.8
	0.9	0.2	Ampl.	0.5
	127.5	125.3	Sbd box	127.9
U/L	616/616	616/616	APs used	
u	0	0	PC freqs	
P	1000	1000	PC freqs	
u:P	0:0	0:0	PC phase	
u:P	0:0	0:0	Manl PC	
u	1000	1000	PC amp	
P	1000	1000		
u	W01UR,W01LR	W03UR,W03LR	Chan ids	
			Tracks	
P	W01UL,W01LL	W03UL,W03LL	Chan ids	
			Tracks	

Group delay (usec)(sbd)	1.28207019022E+03	Apriori delay (usec)	1.28207165494E+03	Resid mbdelay (usec)	-1.46472E-03	+/-	3.7E-04
Sband delay (usec)	1.28206296644E+03	Apriori clock (usec)	-2.0117237E+01	Resid sbdelay (usec)	-8.68850E-03	+/-	6.4E-04
Phase delay (usec)	1.28207165771E+03	Apriori clockrate (us/s)	6.7300000E-08	Resid phdelay (usec)	2.76722E-06	+/-	1.4E-07
Delay rate (us/s)	-1.80066039131E+00	Apriori rate (us/s)	-1.80066079720E+00	Resid rate (us/s)	4.05899E-07	+/-	1.5E-09
Total phase (deg)	214.2	Apriori accel (us/s/s)	-8.43118242101E-06	Resid phase (deg)	85.8	+/-	4.3

	RMS	Theor.					
			Amplitude	0.554 +/- 0.041	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5	
ph/seg (deg)	77.4	35.5	Search (2048X8)	0.541	Pcal rate: 0.000E+00, 0.000E+00 (us/s)	sb window (us)	-1.000 1.000
amp/seg (%)	153.1	61.9	Interp.	0.000	Bits/sample: 2x2 SampCntNorm: enabled	mb window (us)	-0.008 0.008
ph/frq (deg)	0.0	6.0	Inc. seg. avg.	1.094	Sample rate(MSamp/s): 64	dr window (ns/s)	-0.011 0.011
amp/frq (%)	68.6	10.5	Inc. frq. avg.	0.550	Data rate(Mb/s): 512 nlags: 128 t_cohere infinite	ion window (TEC)	0.00 0.00

u: az 292.4 el 41.3 pa 72.6 P: az 65.7 el 35.4 pa -68.0 u,v (fr/asec) 13088.191 -831.795 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/c182c/v1/1234/No0019/uP..0IGQFF Output file: /Exps/c182c/v1/1234/No0019/uP.W.76.0IGQFF