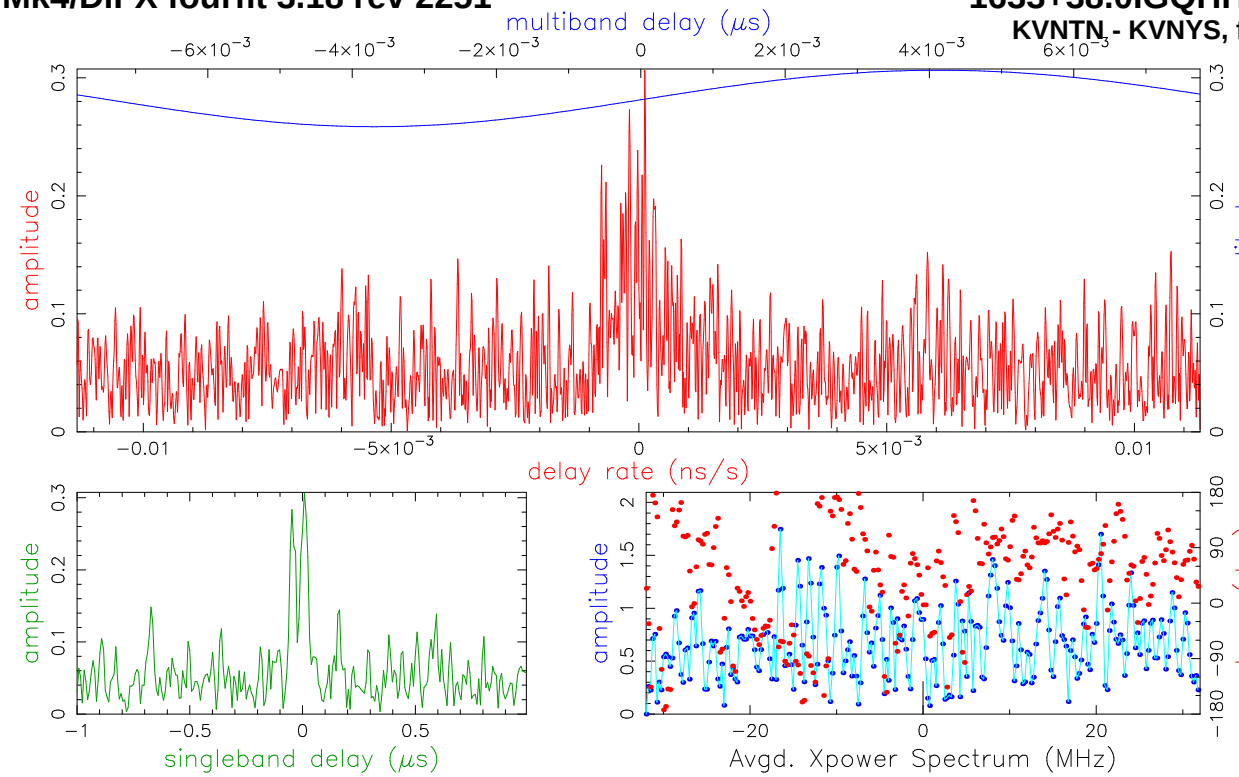
Mk4/DiFX fourfit 3.18 rev 2251

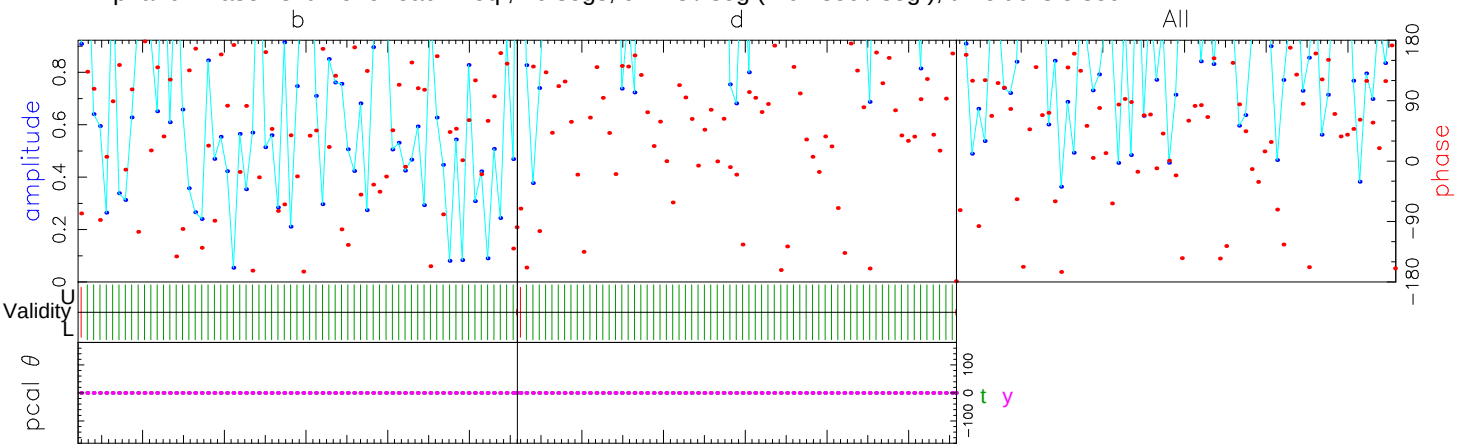
1633+38.0IGQHH, No0023, ty

KVNTN - KVNYS, fgroup W, pol RR



Fringe quality	8
SNR	7.5
Int time	317.985
Amp	0.308
Phase	81.3
PFD	2.6e-06
Delays (us)	
SBD	0.008994
MBD	0.004281
Fringe rate (Hz)	
	0.010188
Ion TEC	0.000
Ref freq (MHz)	
	86140.0000
AP (sec)	0.512
Exp.	c182c
Exper #	16383
Yr:day	2018:273
Start	120212.59
Stop	120731.05
FRT	120346.00
Corr/FF/build	
	2019:050:000325
	2019:051:154457
	2018:249:082454
RA & Dec (J2000)	
	16h35m15.4930s
	+38°08' 4.501"

Amp. and Phase vs. time for each freq., 70 segs, 9 APs / seg (4.61 sec / seg.), time ticks 5 sec



	86156.00	86220.00	Freq (MHz)	All
	84.6	81.1	Phase	81.3
	0.0	0.6	Ampl.	0.3
	123.9	130.0	Sbd box	130.2
U/L	622/622	622/622	APs used	
t	0	0	PC freqs	
y	0	0	PC freqs	
t:y	0:0	0:0	PC phase	
t:y	0:0	0:0	Manl PC	
t	1000	1000	PC amp	
y	1000	1000		
t	W01UR,W01LR	W03UR,W03LR	Chan ids	
			Tracks	
y	W01UR,W01LR	W03UR,W03LR	Chan ids	
			Tracks	

Group delay (usec)(sbd)	-4.22835581633E+02	Apriori delay (usec)	-4.22839862353E+02	Resid mbdelay (usec)	4.28072E-03	+/-	6.6E-04
Sband delay (usec)	-4.22830868353E+02	Apriori clock (usec)	-6.1303768E+00	Resid sbdelay (usec)	8.99400E-03	+/-	1.1E-03
Phase delay (usec)	-4.22839859730E+02	Apriori clockrate (us/s)	7.8899994E-08	Resid phdelay (usec)	2.62306E-06	+/-	2.5E-07
Delay rate (us/s)	-4.56411599506E-02	Apriori rate (us/s)	-4.56412782231E-02	Resid rate (us/s)	1.18272E-07	+/-	2.7E-09
Total phase (deg)	-186.2	Apriori accel (us/s/s)	-2.01275917832E-06	Resid phase (deg)	81.3	+/-	7.6

	RMS	Theor.						
			Amplitude	0.308 +/- 0.041	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5		
ph/seg (deg)	78.4	63.9	Search (2048X8)	0.301	Pcal rate: 0.000E+00, 0.000E+00 (us/s)		sb window (us)	-1.000 1.000
amp/seg (%)	213.5	111.6	Interp.	0.000	Bits/sample: 2x2	SampCntNorm: enabled	mb window (us)	-0.008 0.008
ph/frq (deg)	0.0	10.8	Inc. seg. avg.	0.554	Sample rate(MSamp/s): 64		dr window (ns/s)	-0.011 0.011
amp/frq (%)	84.1	18.9	Inc. frq. avg.	0.301	Data rate(Mb/s): 512	nlags: 128 t_cohere infinite	ion window (TEC)	0.00 0.00

t: az 295.5 el 36.8 pa 73.5 y: az 292.7 el 38.2 pa 68.1 u,v (fr/asec) 327.648 -551.536 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/c182c/v1/1234/No0023/ty..0IGQHH Output file: /Exps/c182c/v1/1234/No0023/ty.W.61.0IGQHH