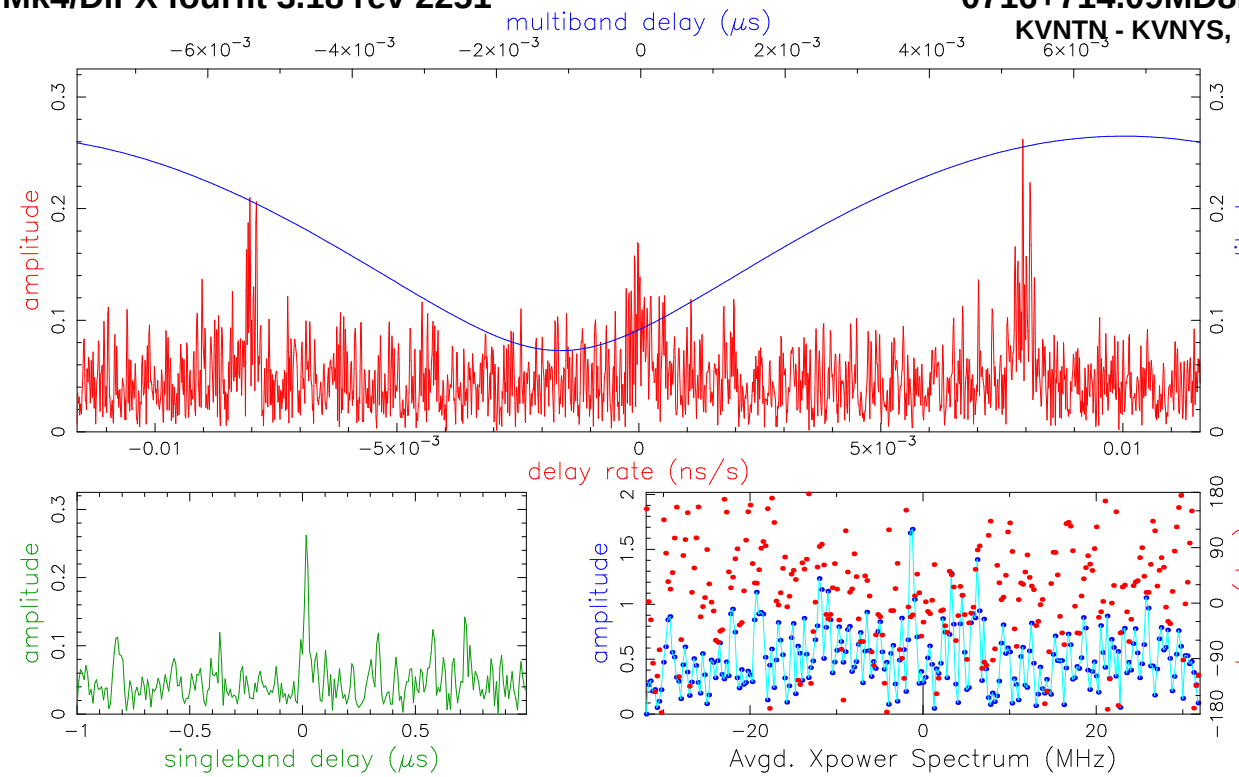
Mk4/DiFX fourfit 3.18 rev 2251

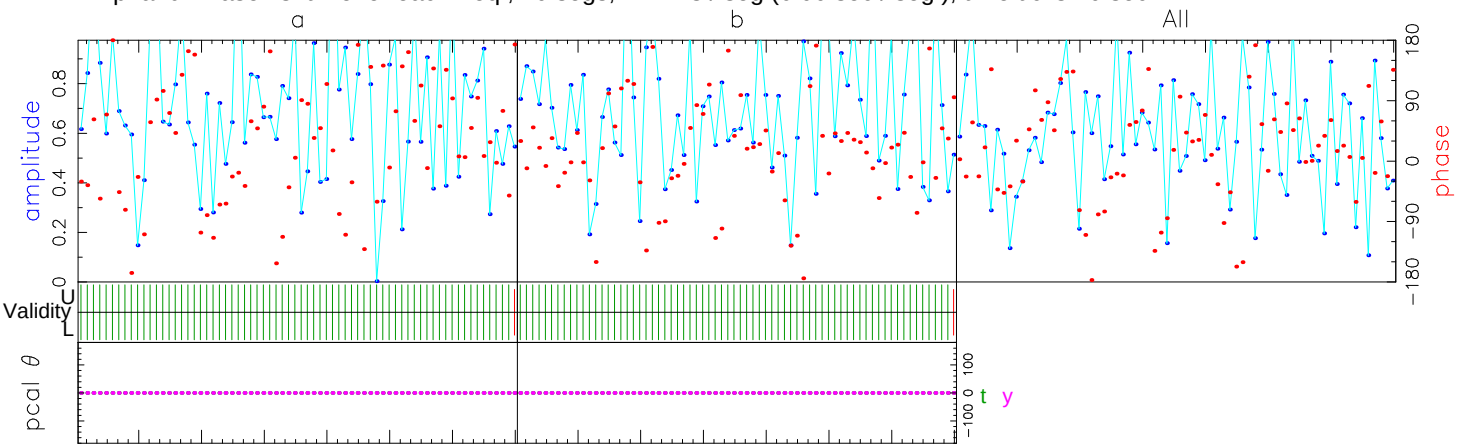
0716+714.09MD8I, No0077, ty

KVNTN - KVNYS, fgroup W, pol RL



Fringe quality	9
SNR	7.5
Int time	418.989
Amp	0.325
Phase	-63.7
PFD	3.7e-06
Delays (us)	
SBD	0.017328
MBD	0.007457
Fringe rate (Hz)	
	0.683113
Ion TEC	0.000
Ref freq (MHz)	
	86140.0000
AP (sec)	0.500
Exp.	c181e
Exper #	16383
Yr:day	2018:106
Start	161502.00
Stop	162201.00
FRT	161831.00
Corr/FF/build	
	2018:244:104340
	2018:244:164136
	2018:095:094034
RA & Dec (J2000)	
	07h21m53.4485s
	+71°20'36.363"

Amp. and Phase vs. time for each freq., 70 segs, 12 APs / seg (6.00 sec / seg.), time ticks 10 sec



	a	b	Freq (MHz)	All
	86156.00	86220.00		
	37.5	20.0	Phase	26.3
	0.2	0.4	Ampl.	0.3
	132.8	130.9	Sbd box	131.2
U/L	838/838	838/838	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	W00UR,W00LR	W01UR,W01LR	Chan ids	
			Tracks	
y	W00UL,W00LL	W01UL,W01LL	Chan ids	
			Tracks	

Group delay (usec)(sbd)	-1.26000242419E+03	Apriori delay (usec)	-1.26002550655E+03	Resid mbdelay (usec)	7.45736E-03	+/-	6.7E-04
Sband delay (usec)	-1.26000817855E+03	Apriori clock (usec)	-7.6921616E+00	Resid sbdelay (usec)	1.73280E-02	+/-	1.2E-03
Phase delay (usec)	-1.26002550570E+03	Apriori clockrate (us/s)	1.4440001E-07	Resid phdelay (usec)	8.49578E-07	+/-	2.5E-07
Delay rate (us/s)	-2.15893780696E-02	Apriori rate (us/s)	-2.15973083372E-02	Resid rate (us/s)	7.93027E-06	+/-	2.0E-09
Total phase (deg)	-111.9	Apriori accel (us/s/s)	1.68040795875E-07	Resid phase (deg)	-63.7	+/-	7.7

	RMS	Theor.					
			Amplitude	0.325 +/- 0.044	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5	
ph/seg (deg)	75.7	64.3	Search (2048X8)	0.235	Pcal rate: 0.000E+00, 0.000E+00 (us/s)	sb window (us)	-1.000 1.000
amp/seg (%)	153.2	112.3	Interp.	0.000	Bits/sample: 2x2 SampCntNorm: enabled	mb window (us)	-0.008 0.008
ph/frq (deg)	0.0	10.9	Inc. seg. avg.	0.448	Sample rate(MSamp/s): 64	dr window (ns/s)	-0.012 0.012
amp/frq (%)	27.3	19.0	Inc. frq. avg.	0.318	Data rate(Mb/s): 512 nlags: 128 t_cohere infinite	ion window (TEC)	0.00 0.00

t: az 339.5 el 27.1 pa 67.3 y: az 338.8 el 31.0 pa 63.4 u,v (fr/asec) 387.462 -138.694 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/c181e/v2/1234/No0077/ty..09MD8I Output file: /Exps/c181e/v2/1234/No0077/ty.W.44.09MD8I