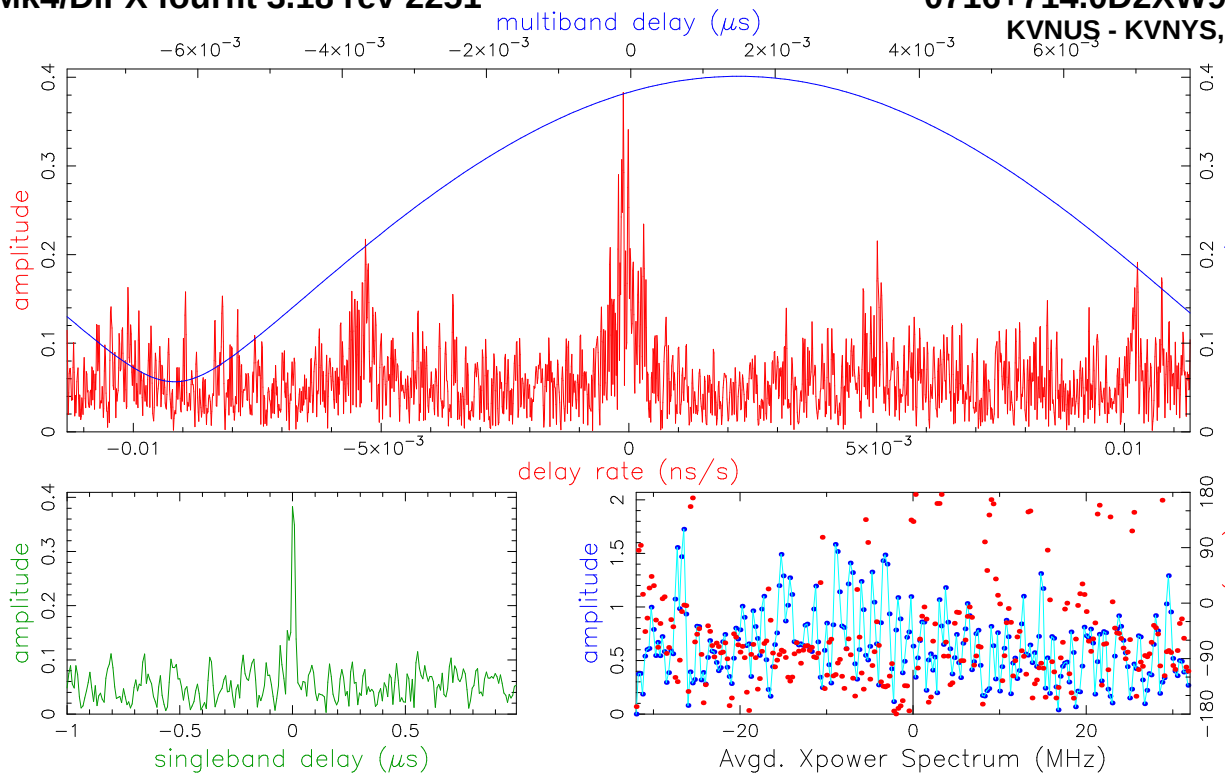
Mk4/DiFX fourfit 3.18 rev 2251

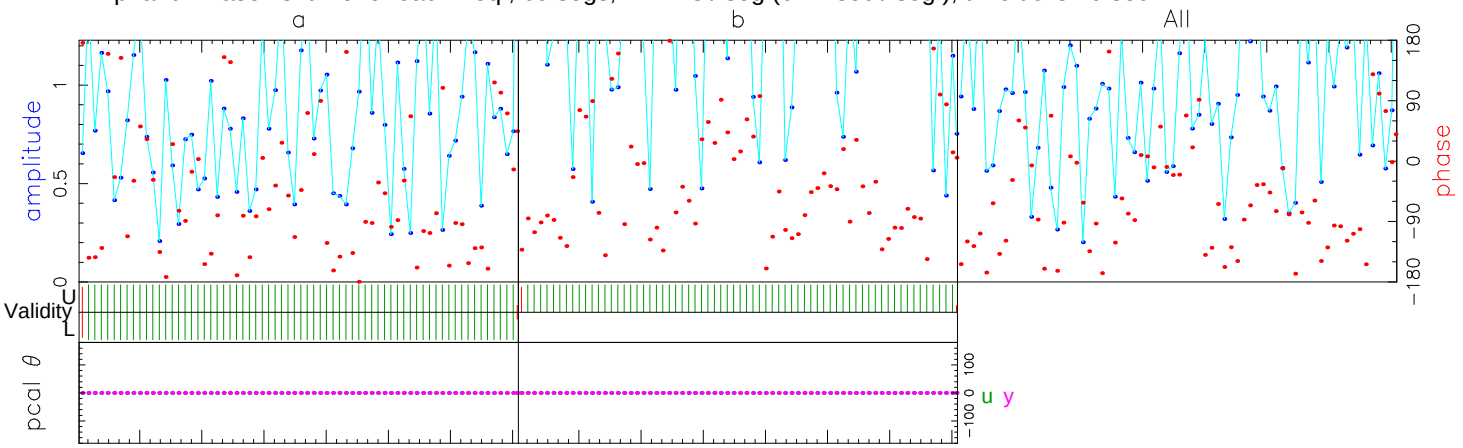
0716+714.0D2XW9, No0140, uy

KVNUS - KVNYS, fgroup W, pol LL



Fringe quality	8
SNR	9.9
Int time	418.822
Amp	0.409
Phase	-80.9
PFD	1.8e-15
Delays (us)	
SBD	0.003050
MBD	-0.000023
Fringe rate (Hz)	
	-0.009144
Ion TEC	0.000
Ref freq (MHz)	
	86140.0000
AP (sec)	0.512
Exp.	c181c
Exper #	16383
Yr:day	2018:105
Start	083001.51
Stop	083700.84
FRT	083331.00
Corr/FF/build	
	2018:288:235604
	2018:312:082042
	2018:249:082454
RA & Dec (J2000)	
	07h21m53.4485s
	+71°20'36.363"

Amp. and Phase vs. time for each freq., 69 segs, 12 APs / seg (6.14 sec / seg.), time ticks 10 sec



	86156.00	86220.00	Freq (MHz)	All
	-100.9	-66.0	Phase	-80.9
	0.3	0.7	Ampl.	0.4
	127.3	129.5	Sbd box	129.4
U/L	819/819	819/0	APs used	
u	0	0	PC freqs	
y	0	0	PC freqs	
u:y	0:0	0:0	PC phase	
u:y	0:0	0:0	Manl PC	
u	1000	1000	PC amp	
y	1000	1000		
u	W00UL,W00LL	W01UL	Chan ids	
			Tracks	
y	W00UL,W00LL	W01UL	Chan ids	
			Tracks	

Group delay (usec)(sbd)	-4.04092103618E+02	Apriori delay (usec)	-4.04092080454E+02	Resid mbdelay (usec)	-2.31645E-05	+/-	5.0E-04
Sband delay (usec)	-4.04089030954E+02	Apriori clock (usec)	-1.7709190E+01	Resid sbdelay (usec)	3.04950E-03	+/-	1.0E-03
Phase delay (usec)	-4.04092083063E+02	Apriori clockrate (us/s)	-2.1999999E-07	Resid phdelay (usec)	-2.60904E-06	+/-	2.2E-07
Delay rate (us/s)	-1.38151670069E-02	Apriori rate (us/s)	-1.38150608487E-02	Resid rate (us/s)	-1.06158E-07	+/-	1.5E-09
Total phase (deg)	-12.6	Apriori accel (us/s/s)	-9.69676414543E-07	Resid phase (deg)	-80.9	+/-	6.7

	RMS	Theor.					
			Amplitude	0.409 +/- 0.041			
ph/seg (deg)	76.3	48.0	Search (2048X8)	0.375			
amp/seg (%)	157.2	83.7	Interp.	0.000			
ph/frq (deg)	0.0	8.2	Inc. seg. avg.	0.693			
amp/frq (%)	54.5	14.3	Inc. frq. avg.	0.397			

Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5
Pcal rate: 0.000E+00, 0.000E+00 (us/s)
Bits/sample: 2x2 SampCntNorm: enabled
Sample rate(MSamp/s): 64
Data rate(Mb/s): 384 nlags: 128 t_cohere infinite

sb window (us)	-1.000	1.000
mb window (us)	-0.008	0.008
dr window (ns/s)	-0.011	0.011
ion window (TEC)	0.00	0.00

u: az 5.8 el 53.8 pa -166.4 y: az 7.4 el 55.6 pa -162.8 u,v (fr/asec) 244.833 -307.825 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/c181c/v2_pc1/1234/No0140/uy..0D2XW9 Output file: /Exps/c181c/v2_pc1/1234/No0140/uy.W.21.0D2XW9