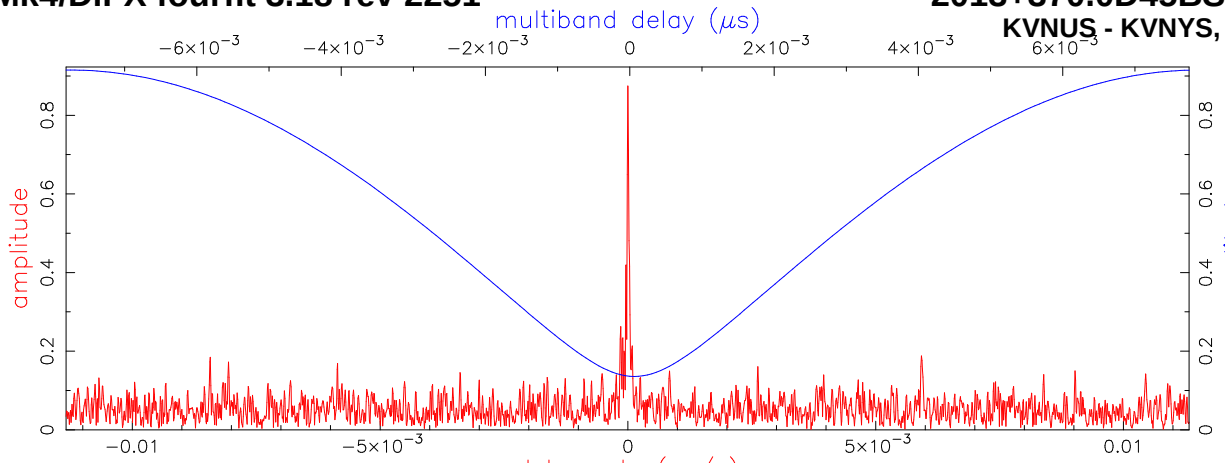
Mk4/DiFX fourfit 3.18 rev 2251

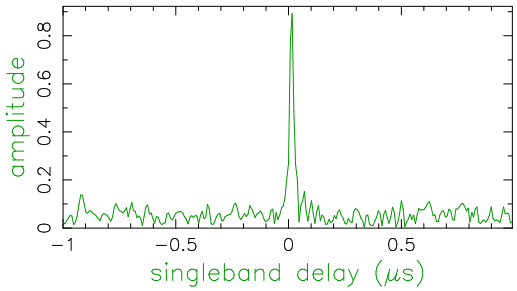
2013+370.0D45BS, No0041, uy

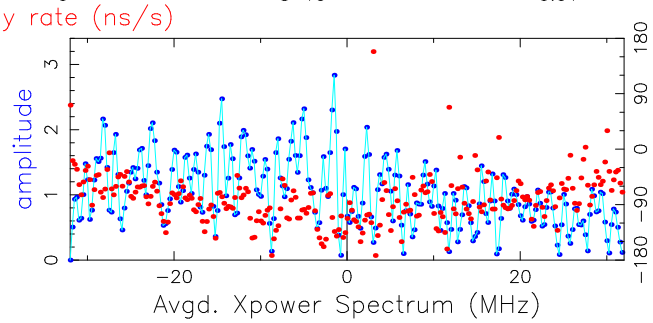
KVNUS - KVNYS, fgroup W, pol RL



Fringe quality 7

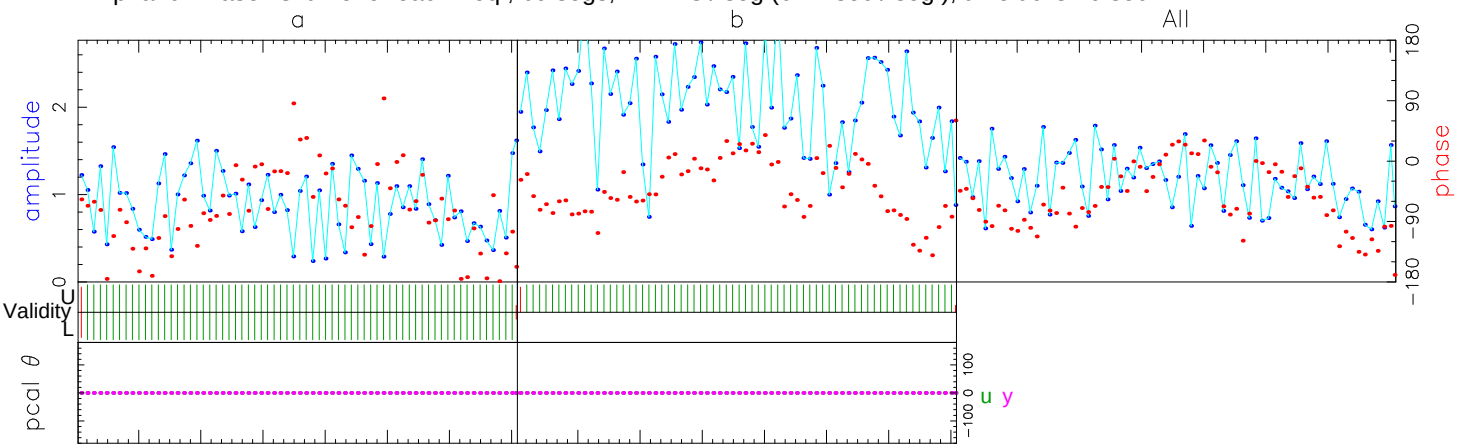
SNR 22.4
Int time 418.824
Amp 0.923
Phase -142.5
PFD 0.0e+00
Delays (us)
SBD 0.013182
MBD 0.005100
Fringe rate (Hz)
-0.000101
Ion TEC 0.000
Ref freq (MHz)
86140.0000
AP (sec) 0.512





Exp. c181d
Exper # 16383
Yr:day 2018:106
Start 013001.51
Stop 013700.84
FRT 013352.00
Corr/FF/build
2018:288:170722
2018:312:165910
2018:249:082454
RA & Dec (J2000)
20h15m28.7298s
+37°10'59.515"

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



	a	b		All
	86156.00	86220.00	Freq (MHz)	All
	-72.4	-37.8	Phase	-52.5
	0.6	1.6	Ampl.	0.9
	129.8	131.3	Sbd box	130.7
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	W00UR,W00LR	W01UR	Chan ids	
			Tracks	
y	W00UL,W00LL	W01UL	Chan ids	
			Tracks	

Group delay (usec)(sbd)	-5.91757577840E+02	Apriori delay (usec)	-5.91778303215E+02	Resid mbdelay (usec)	5.10038E-03	+/-	2.2E-04
Sband delay (usec)	-5.91765121215E+02	Apriori clock (usec)	-1.7724802E+01	Resid sbdelay (usec)	1.31820E-02	+/-	4.6E-04
Phase delay (usec)	-5.91778304907E+02	Apriori clockrate (us/s)	-2.1999999E-07	Resid phdelay (usec)	-1.69254E-06	+/-	9.5E-08
Delay rate (us/s)	-4.50954584104E-02	Apriori rate (us/s)	-4.50954572349E-02	Resid rate (us/s)	-1.17550E-09	+/-	6.8E-10
Total phase (deg)	-156.5	Apriori accel (us/s/s)	1.12067822582E-06	Resid phase (deg)	-142.5	+/-	3.0

	RMS	Theor.							
			Amplitude	0.923 +/- 0.041	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5			
ph/seg (deg)	45.2	21.3	Search (2048X8)	0.913	Pcal rate: 0.000E+00, 0.000E+00 (us/s)		sb window (us)	-1.000	1.000
amp/seg (%)	44.9	37.1	Interp.	0.000	Bits/sample: 2x2	SampCntNorm: enabled	mb window (us)	-0.008	0.008
ph/frq (deg)	0.0	3.6	Inc. seg. avg.	1.105	Sample rate(MSamp/s): 64		dr window (ns/s)	-0.011	0.011
amp/frq (%)	56.4	6.3	Inc. frq. avg.	0.913	Data rate(Mb/s): 384	nlags: 128 t_cohere infinite	ion window (TEC)	0.00	0.00

u: az 288.3 el 48.7 pa 75.7 y: az 285.2 el 51.1 pa 73.6 u,v (fr/asec) 325.938 -136.633 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/c181d/v2_pc1/1234/No0041/uy..0D45BS Output file: /Exps/c181d/v2_pc1/1234/No0041/uy.W.24.0D45BS