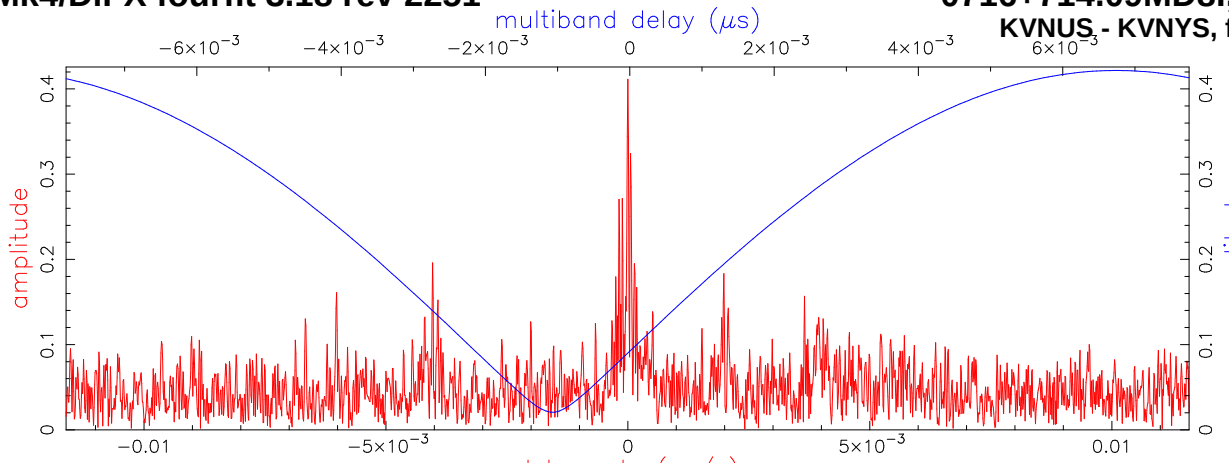
Mk4/DiFX fourfit 3.18 rev 2251

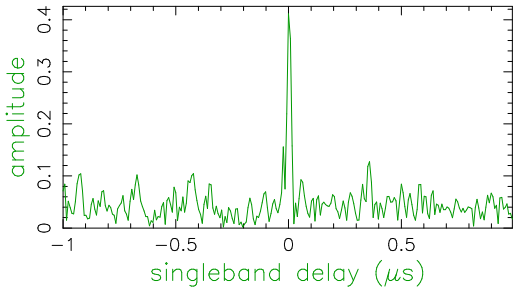
0716+714.09MD8I, No0077, uy

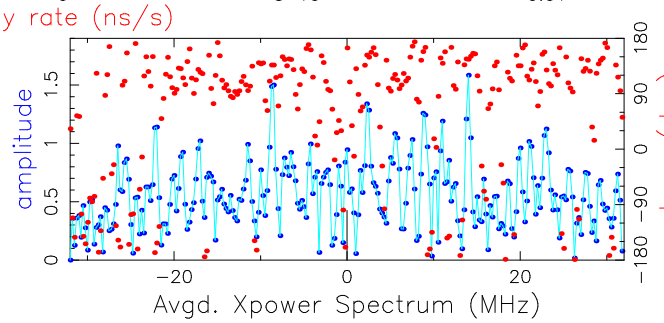
KVNUS - KVNYS, fgroup W, pol RR



Fringe quality 9

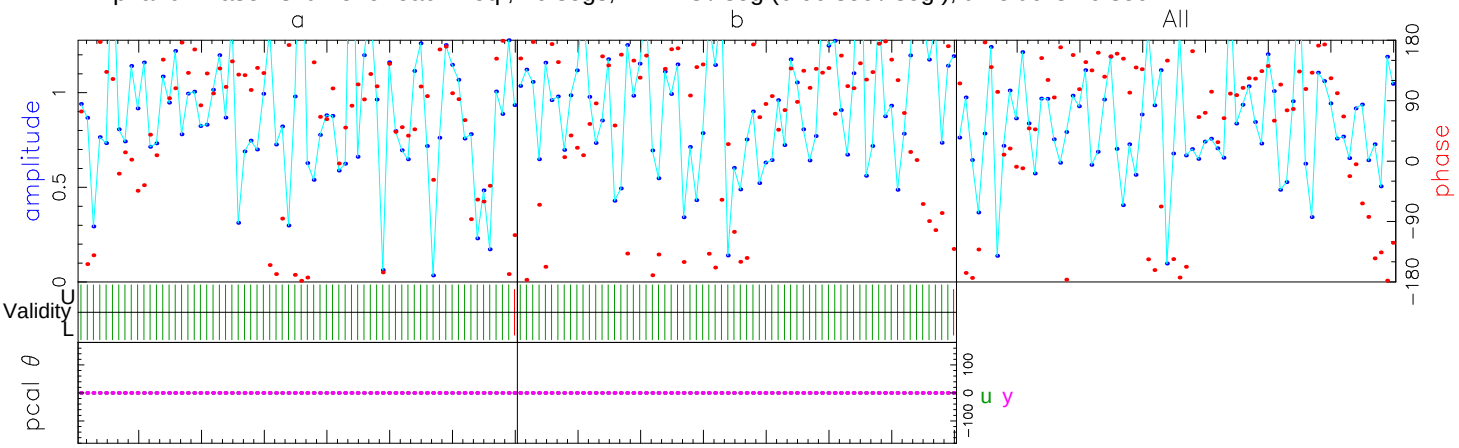
SNR 11.9
Int time 418.989
Amp 0.426
Phase 134.0
PFD 6.1e-25
Delays (us)
SBD 0.002490
MBD 0.005644
Fringe rate (Hz)
0.000279
Ion TEC 0.000
Ref freq (MHz)
86140.0000
AP (sec) 0.500





Exp. c181e
Exper # 16383
Yr:day 2018:106
Start 161502.00
Stop 162201.00
FRT 161831.00
Corr/FF/build
2018:244:104340
2018:244:164141
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



	86156.00	86220.00	Freq (MHz)	All
	122.0	147.3	Phase	134.0
	0.4	0.4	Ampl.	0.4
	128.8	129.8	Sbd box	129.3
U/L	838/838	838/838	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,W01LR	Chan ids	
			Tracks	
y	W00UR,W00LR	W01UR,W01LR	Chan ids	
			Tracks	

Group delay (usec)(sbd)	-8.38789163296E+02	Apriori delay (usec)	-8.38794807171E+02	Resid mbdelay (usec)	5.64387E-03	+/-	4.2E-04
Sband delay (usec)	-8.38792317171E+02	Apriori clock (usec)	-1.7739374E+01	Resid sbdelay (usec)	2.49000E-03	+/-	7.2E-04
Phase delay (usec)	-8.38794802849E+02	Apriori clockrate (us/s)	-2.1999999E-07	Resid phdelay (usec)	4.32162E-06	+/-	1.6E-07
Delay rate (us/s)	-5.39900246181E-03	Apriori rate (us/s)	-5.39900569564E-03	Resid rate (us/s)	3.23383E-09	+/-	1.3E-09
Total phase (deg)	-114.3	Apriori accel (us/s/s)	1.34168674765E-06	Resid phase (deg)	134.0	+/-	4.8

	RMS	Theor.	Amplitude	0.426 +/- 0.036
ph/seg (deg)	69.0	40.2	Search (2048X8)	0.407
amp/seg (%)	116.9	70.2	Interp.	0.000
ph/frq (deg)	0.0	6.8	Inc. seg. avg.	0.669
amp/frq (%)	4.9	11.9	Inc. frq. avg.	0.419

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): 512 nlags: 128 t_cohere infinite

sb window (us)	-1.000	1.000
mb window (us)	-0.008	0.008
dr window (ns/s)	-0.012	0.012
ion window (TEC)	0.00	0.00

u: az 339.5 el 28.5 pa 62.2 y: az 338.8 el 31.0 pa 63.4 u,v (fr/asec) 101.764 229.839 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/c181e/v2/1234/No0077/uy..09MD8I Output file: /Exps/c181e/v2/1234/No0077/uy.W.54.09MD8I