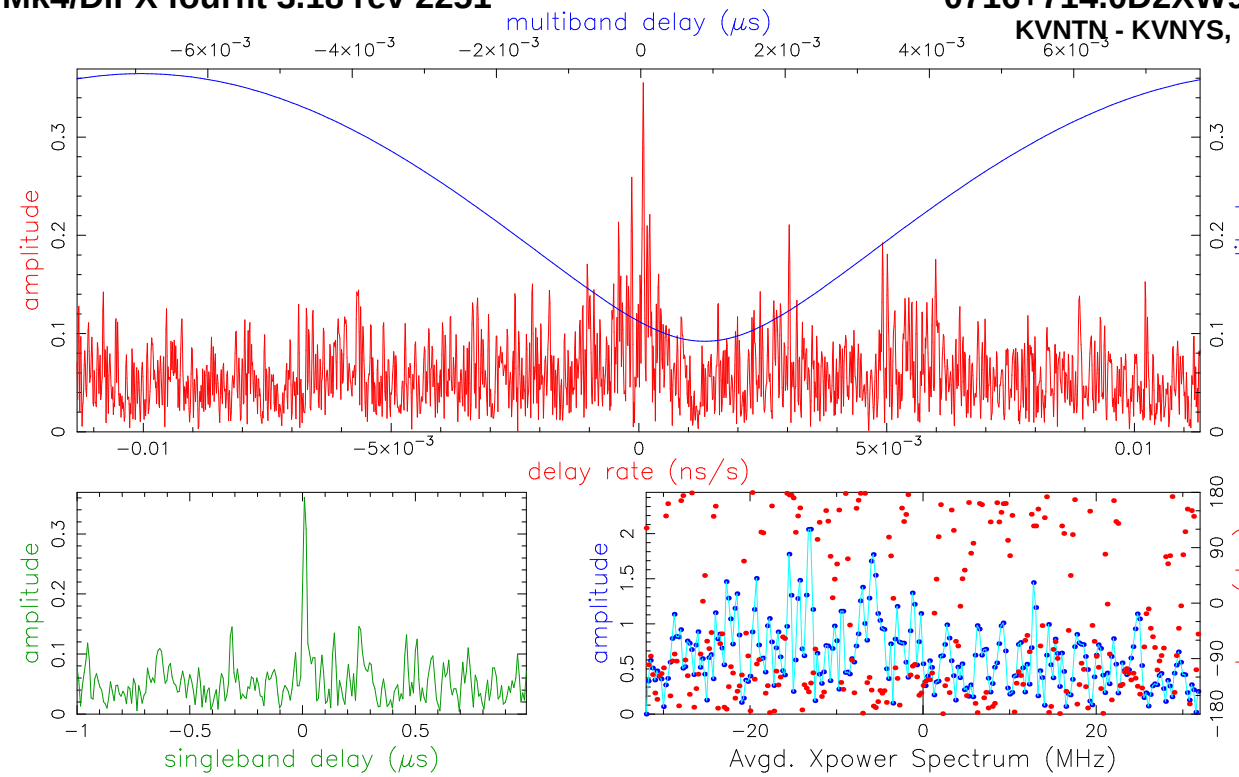
Mk4/DiFX fourfit 3.18 rev 2251

0716+714.0D2XW9, No0140, ty

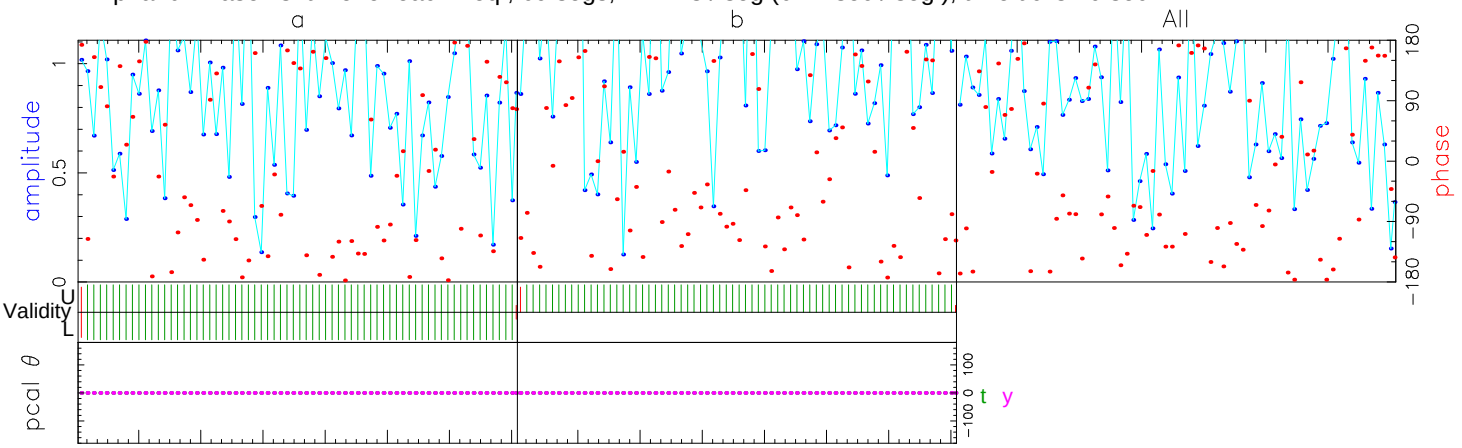
KVNTN - KVNYS, fgroup W, pol RL



Fringe quality 9

SNR	9.0
Int time	418.822
Amp	0.369
Phase	-148.4
PFD	1.7e-11
Delays (us)	
SBD	0.009883
MBD	0.006029
Fringe rate (Hz)	
	0.007473
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
	2018:312:082038
	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
	-158.4	-131.6	Phase	-148.4
	0.3	0.4	Ampl.	0.4
	130.0	131.6	Sbd box	130.3
U/L	819/819	819/0	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	Chan ids	
			Tracks	
y	W00UL,W00LL	W01UL	Chan ids	
			Tracks	

Group delay (usec)(sbd)	-9.51222436270E+02	Apriori delay (usec)	-9.51228465551E+02	Resid mbdelay (usec)	6.02928E-03	+/-	5.6E-04
Sband delay (usec)	-9.51218583051E+02	Apriori clock (usec)	-7.6993399E+00	Resid sbdelay (usec)	9.88250E-03	+/-	1.2E-03
Phase delay (usec)	-9.51228470338E+02	Apriori clockrate (us/s)	1.4440001E-07	Resid phdelay (usec)	-4.78702E-06	+/-	2.4E-07
Delay rate (us/s)	7.94766658985E-03	Apriori rate (us/s)	7.94757983264E-03	Resid rate (us/s)	8.67572E-08	+/-	1.7E-09
Total phase (deg)	-156.6	Apriori accel (us/s/s)	-1.47400458741E-06	Resid phase (deg)	-148.4	+/-	7.4

	RMS	Theor.					
			Amplitude	0.369 +/- 0.041	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5	
ph/seg (deg)	80.1	53.2	Search (2048X8)	0.357	Pcal rate: 0.000E+00, 0.000E+00 (us/s)	sb window (us)	-1.000 1.000
amp/seg (%)	147.5	92.8	Interp.	0.000	Bits/sample: 2x2 SampCntNorm: enabled	mb window (us)	-0.008 0.008
ph/frq (deg)	0.0	9.1	Inc. seg. avg.	0.570	Sample rate(MSamp/s): 64	dr window (ns/s)	-0.011 0.011
amp/frq (%)	9.1	15.8	Inc. frq. avg.	0.360	Data rate(Mb/s): 384 nlags: 128 t_cohere infinite	ion window (TEC)	0.00 0.00

t: az 6.9 el 51.3 pa -161.4 y: az 7.4 el 55.6 pa -162.8 u,v (fr/asec) -144.943 -513.312 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/c181c/v2_pc1/1234/No0140/ty..0D2XW9 Output file: /Exps/c181c/v2_pc1/1234/No0140/ty.W.16.0D2XW9