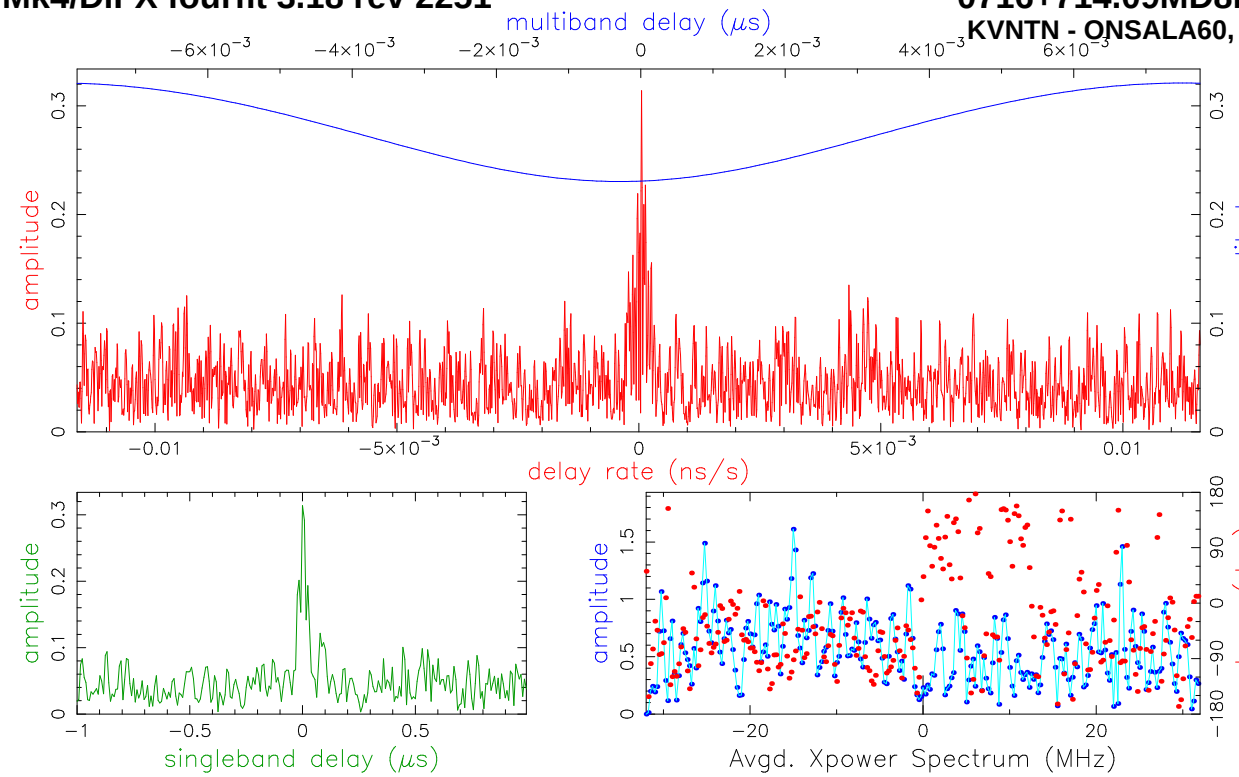
Mk4/DiFX fourfit 3.18 rev 2251

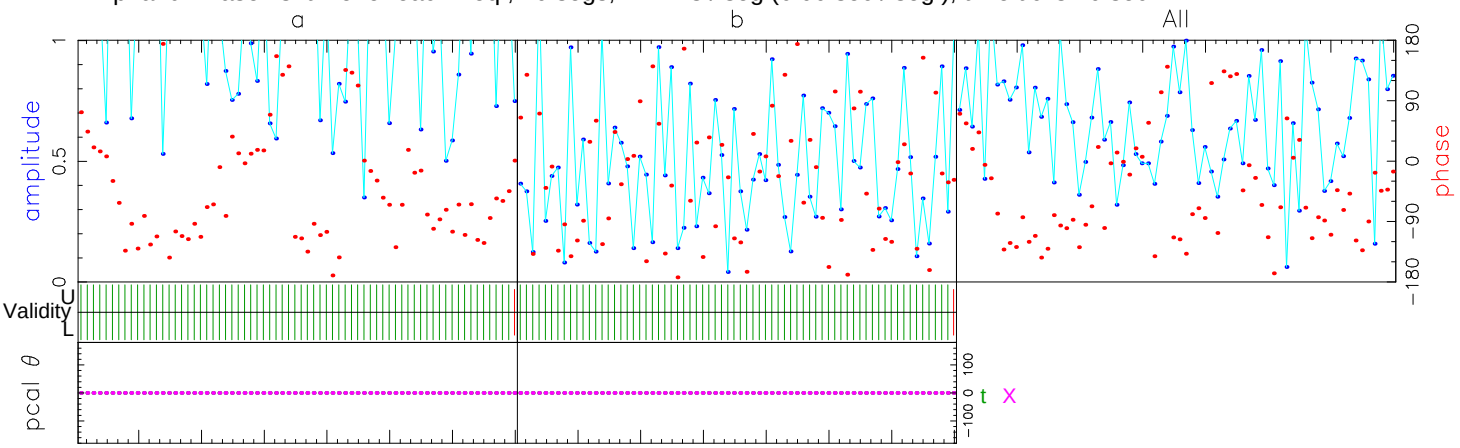
0716+714.09MD8I, No0077, tX

KVNTN - ONSALA60, fgroup W, pol LL



Fringe quality	8
SNR	9.3
Int time	418.990
Amp	0.334
Phase	-163.3
PFD	4.6e-13
Delays (us)	
SBD	0.003146
MBD	-0.009620
Fringe rate (Hz)	
	0.004986
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



	86156.00	86220.00	Freq (MHz)	All
	-78.0	-43.1	Phase	-73.3
	0.6	0.1	Ampl.	0.3
	129.2	126.7	Sbd box	129.4
U/L	838/838	838/838	APs used	
t	0	0	PC freqs	
X	-1000	-1000	PC freqs	
t:X	0:0	0:0	PC phase	
t:X	0:0	0:0	Manl PC	
t	1000	1000	PC amp	
X	1000	1000		
t	W00UL,W00LL	W01UL,W01LL	Chan ids	
			Tracks	
X	W00UL,W00LL	W02UL,W02LL	Chan ids	
			Tracks	

Group delay (usec)(sbd)	-1.10037537263E+04	Apriori delay (usec)	-1.10037597309E+04	Resid mbdelay (usec)	-9.62048E-03	+/-	5.3E-04
Sband delay (usec)	-1.10037565854E+04	Apriori clock (usec)	-4.8285379E+00	Resid sbdelay (usec)	3.14550E-03	+/-	9.2E-04
Phase delay (usec)	-1.10037597332E+04	Apriori clockrate (us/s)	-1.0559999E-07	Resid phdelay (usec)	-2.36337E-06	+/-	2.0E-07
Delay rate (us/s)	-4.47139400684E-01	Apriori rate (us/s)	-4.47139458566E-01	Resid rate (us/s)	5.78818E-08	+/-	1.6E-09
Total phase (deg)	-241.4	Apriori accel (us/s/s)	2.70871556634E-05	Resid phase (deg)	-163.3	+/-	6.1

	RMS	Theor.						
			Amplitude	0.334 +/- 0.036	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5		
ph/seg (deg)	75.2	51.3	Search (2048X8)	0.320	Pcal rate: 0.000E+00, 0.000E+00 (us/s)		sb window (us)	-1.000 1.000
amp/seg (%)	121.2	89.5	Interp.	0.000	Bits/sample: 2x2	SampCntNorm: enabled	mb window (us)	-0.008 0.008
ph/frq (deg)	0.0	8.7	Inc. seg. avg.	0.476	Sample rate(MSamp/s): 64		dr window (ns/s)	-0.012 0.012
amp/frq (%)	69.1	15.1	Inc. frq. avg.	0.317	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 X: az 13.8 el 75.4 pa -158.7 u,v (fr/asec) 8093.760 5345.343 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/c181e/v2/1234/No0077/tX..09MD8I Output file: /Exps/c181e/v2/1234/No0077/tX.W.45.09MD8I