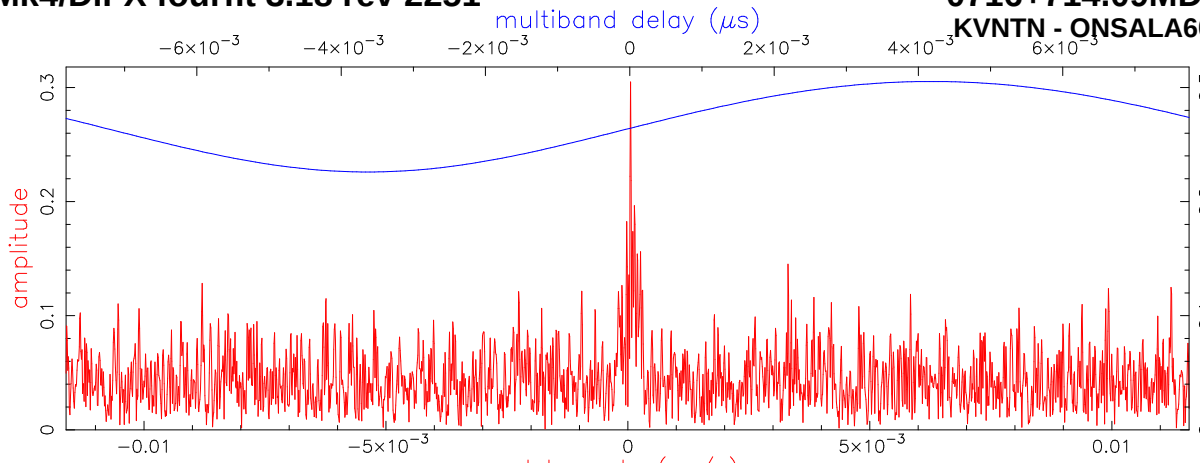
Mk4/DiFX fourfit 3.18 rev 2251

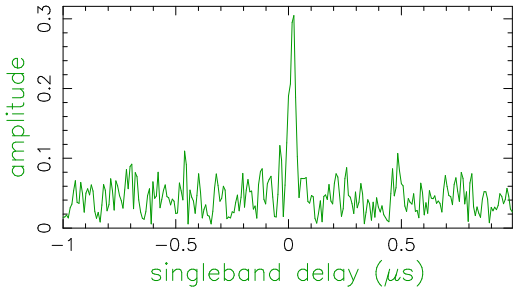
0716+714.09MD8I, No0077, tX

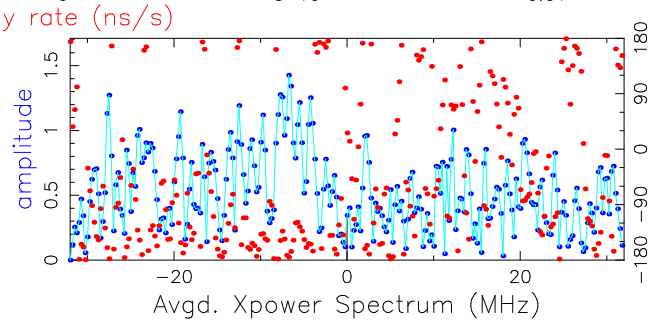
KVNTN - ONSALA60, fgroup W, pol RL



Fringe quality 8

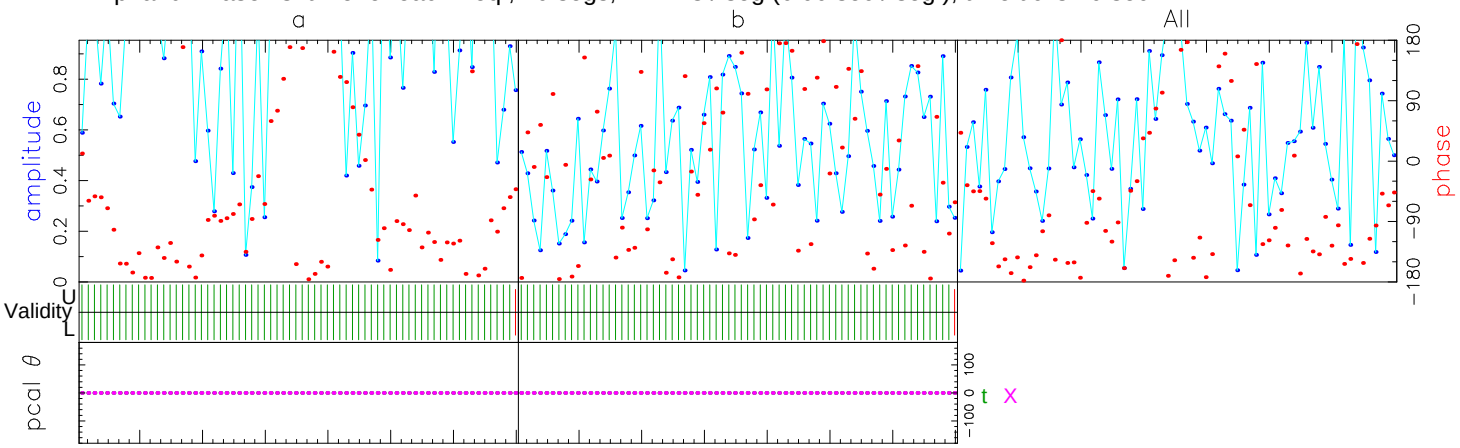
SNR 8.9
Int time 418.990
Amp 0.318
Phase -222.7
PFD 2.7e-11
Delays (us)
SBD 0.020169
MBD 0.004582
Fringe rate (Hz)
0.004848
Ion TEC 0.000
Ref freq (MHz)
86140.0000
AP (sec) 0.500





Exp. c181e
Exper # 16383
Yr:day 2018:106
Start 161502.00
Stop 162201.00
FRT 161831.00
Corr/FF/build
2018:244:104340
2018:244:164138
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
	-131.6	-140.8	Phase	-132.7
	0.5	0.1	Ampl.	0.3
	131.3	70.3	Sbd box	131.6
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	W00UR,W00LR	W01UR,W01LR	Chan ids	
			Tracks	
X	W00UL,W00LL	W02UL,W02LL	Chan ids	
			Tracks	

Group delay (usec)(sbd)	-1.10037395239E+04	Apriori delay (usec)	-1.10037597309E+04	Resid mbdelay (usec)	4.58196E-03	+/-	5.6E-04
Sband delay (usec)	-1.10037395624E+04	Apriori clock (usec)	-4.8285379E+00	Resid sbdelay (usec)	2.01685E-02	+/-	9.7E-04
Phase delay (usec)	-1.10037597351E+04	Apriori clockrate (us/s)	-1.0559999E-07	Resid phdelay (usec)	-4.28075E-06	+/-	2.1E-07
Delay rate (us/s)	-4.47139402280E-01	Apriori rate (us/s)	-4.47139458566E-01	Resid rate (us/s)	5.62863E-08	+/-	1.7E-09
Total phase (deg)	-300.9	Apriori accel (us/s/s)	2.70871556634E-05	Resid phase (deg)	-222.7	+/-	6.4

	RMS	Theor.							
			Amplitude	0.318 +/- 0.036	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5			
ph/seg (deg)	71.6	53.9	Search (2048X8)	0.305	Pcal rate: 0.000E+00, 0.000E+00 (us/s)		sb window (us)	-1.000	1.000
amp/seg (%)	117.6	94.0	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.	0.401	Sample rate(MSamp/s): 64		dr window (ns/s)	-0.012	0.012
amp/frq (%)	71.2	15.9	Inc. frq. avg.	0.301	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.48.09MD8I