

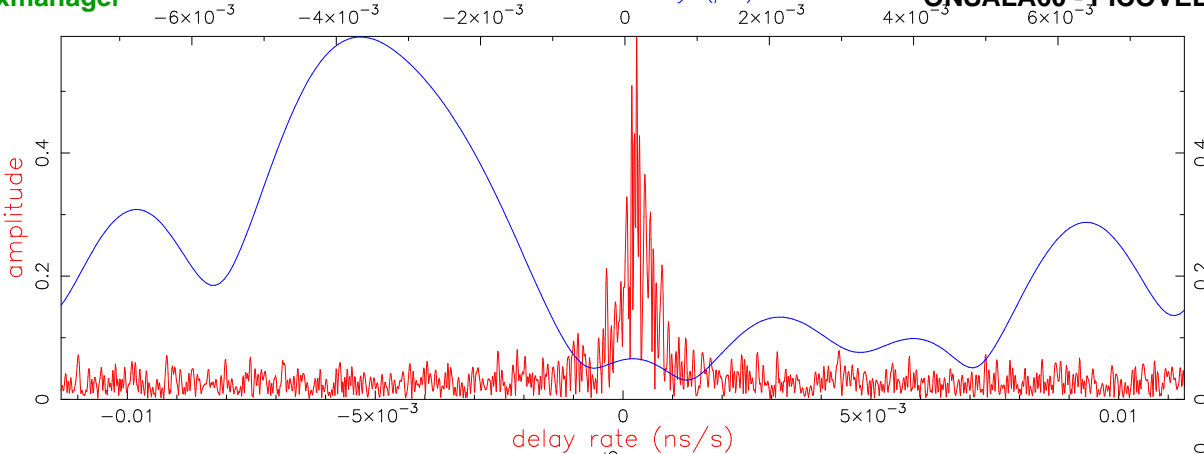
Mk4/DiFX fourfit 3.21 rev 2937

fxmanager

0420-014.1N7NOX, No0009, XP

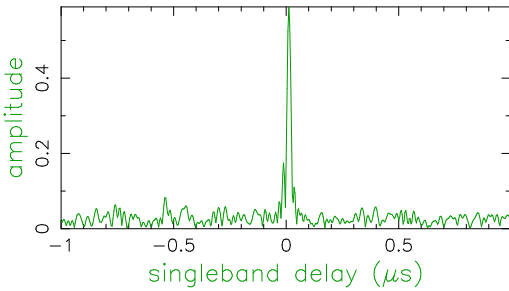
ONSALA60 - PICOVEL, fgroup W, pol LR

multiband delay ( $\mu$ s)

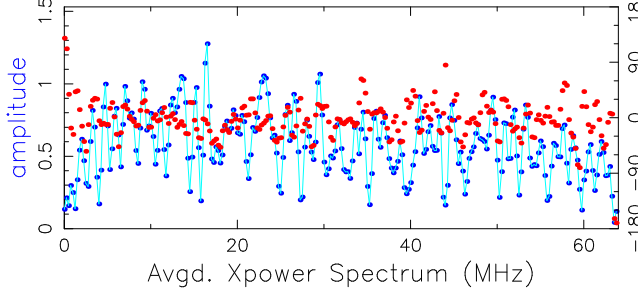


Fringe quality 6

SNR 27.3  
 Int time 286.174  
 Amp 0.589  
 Phase 179.7  
 PFD 0.0e+00  
 Delays (us)  
 SBD 0.012205  
 MBD -0.003658  
 Fringe rate (Hz)  
 0.024063  
 Ion TEC 0.000  
 Ref freq (MHz)  
 86140.0000  
 AP (sec) 0.512

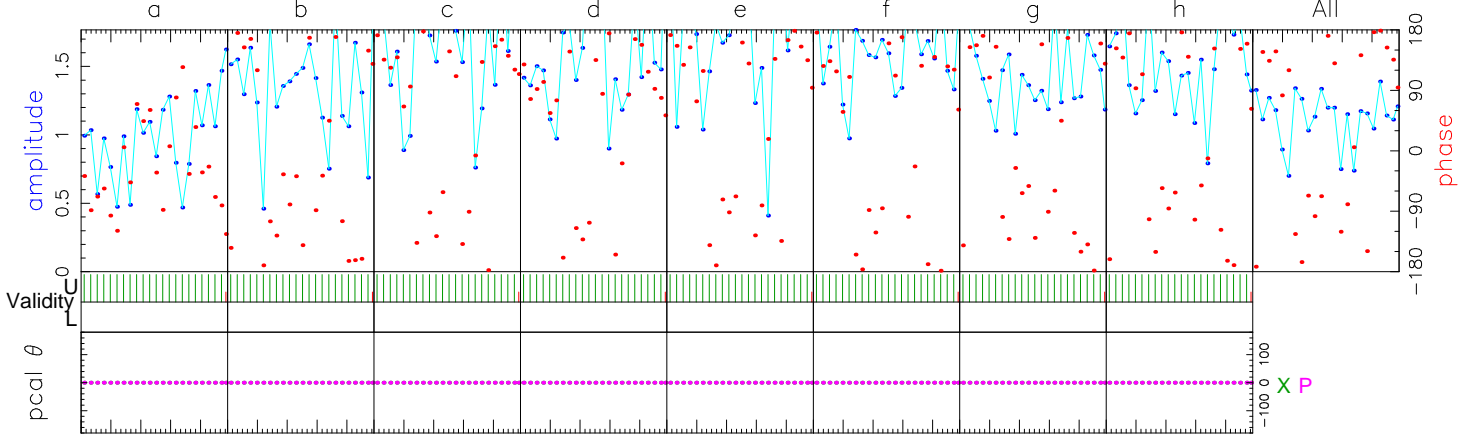


delay rate (ns/s)



Exp. f211a  
 Exper # 16383  
 Yr:day 2021:112  
 Start 140000.00  
 Stop 140446.72  
 FRT 140230.00  
 Corr/FF/build  
 2021:112:180055  
 2021:112:180249  
 2021:057:122453  
 RA & Dec (J2000)  
 04h23m15.800724s  
 --1°20'33.065613"

Amp. and Phase vs. time for each freq., 23 segs, 25 APs / seg (12.80 sec / seg.), time ticks 10 sec



	86012.00	86076.00	86140.00	86204.00	86268.00	86332.00	86396.00	86460.00	Freq (MHz)	All
	-28.9	-150.3	166.9	130.5	172.8	164.7	-152.1	-166.2	Phase	179.7
	0.5	0.7	0.9	0.8	1.0	0.8	0.7	0.7	Ampl.	0.8
	257.1	259.4	259.2	260.2	260.0	259.4	260.3	259.7	Sbd box	260.1
U/L	560/0	560/0	560/0	560/0	560/0	560/0	560/0	560/0	APs used	
X	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
P	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
X:P	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
X:P	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	Manl PC	
X	1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
P	1000	1000	1000	1000	1000	1000	1000	1000		
X	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL	Chan ids	
P	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Tracks	

Group delay (usec)(sbd)	-5.49832736916E+03	Apriori delay (usec)	-5.49833933586E+03	Resid mbdelay (usec)	-3.65830E-03	+/-	4.0E-05
Sband delay (usec)	-5.49832713111E+03	Apriori clock (usec)	5.7193657E+01	Resid sbdelay (usec)	1.22048E-02	+/-	3.2E-04
Phase delay (usec)	-5.49833933006E+03	Apriori clockrate (us/s)	7.2800002E-07	Resid phdelay (usec)	5.79417E-06	+/-	1.4E-07
Delay rate (us/s)	-2.79239567340E-01	Apriori rate (us/s)	-2.79239846682E-01	Resid rate (us/s)	2.79342E-07	+/-	8.2E-10
Total phase (deg)		Apriori accel (us/s/s)	2.89295705213E-05	Resid phase (deg)	179.7	+/-	4.2

ph/seg (deg)	69.3	RMS	10.1	Theor.	10.1	Amplitude	0.589 +/- 0.022	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5
amp/seg (%)	96.0	Search (2048X32)	0.575	Interp.	0.000	Pcal rate: 0.000E+00, 0.000E+00 (us/s)		SampCntNorm: enabled	sb window (us) -1.000 1.000
ph/frq (deg)	67.9	Inc. seg. avg.	1.105	Inc. frq. avg.	0.775	Bits/sample: 2x2		Sample rate(MISamp/s): 128	mb window (us) -0.008 0.008
amp/frq (%)	39.5	Inc. frq. avg.	0.775			Data rate(Mb/s): 2048		nlags: 256 t_cohere infinite	dr window (ns/s) -0.011 0.011

X: az 187.8 el 31.1 pa 4.6 P: az 166.3 el 50.8 pa -10.4 u,v (fr/asec) 1620.494 2075.784 simultaneous interpolator

Control file: cf\_1234\_gmva Input file: /Exps/f211a/FRINGE/1234/No0009/XP..1N7NOX Output file: /Exps/f211a/FRINGE/1234/No0009/XP.W.25.1N7NOX