

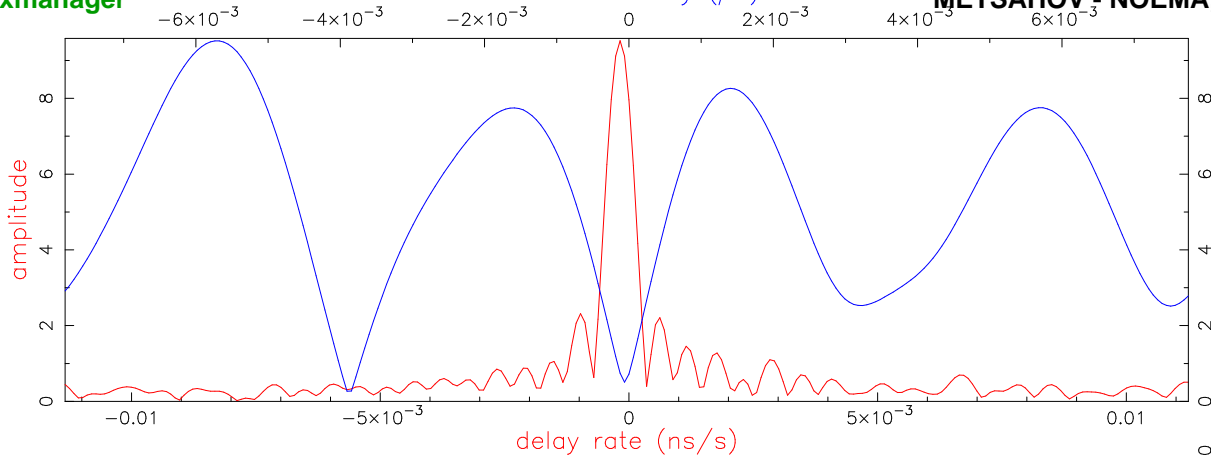
Mk4/DiFX fourfit 3.21 rev 2937

fxmanager

0420-014.1N7VBA, No0002, ZN

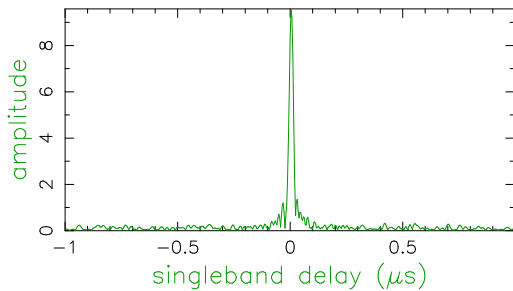
METSAHOV - NOEMA, fgroup W, pol RR

multiband delay ( $\mu$ s)

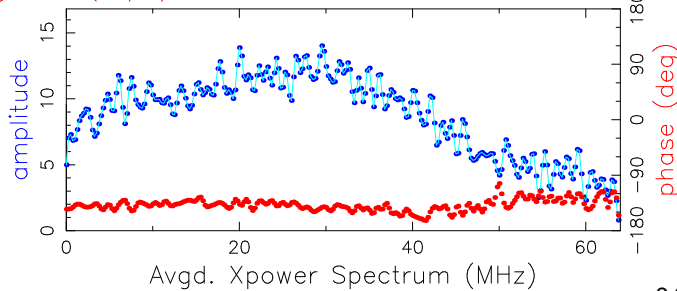


Fringe quality 5

SNR 109.8  
Int time 17.549  
Amp 9.583  
Phase -17.4  
PFD 0.0e+00  
Delays (us)  
SBD 0.005050  
MBD -0.005719  
Fringe rate (Hz)  
-0.011923  
Ion TEC 0.000  
Ref freq (MHz)  
86140.0000  
AP (sec) 0.512

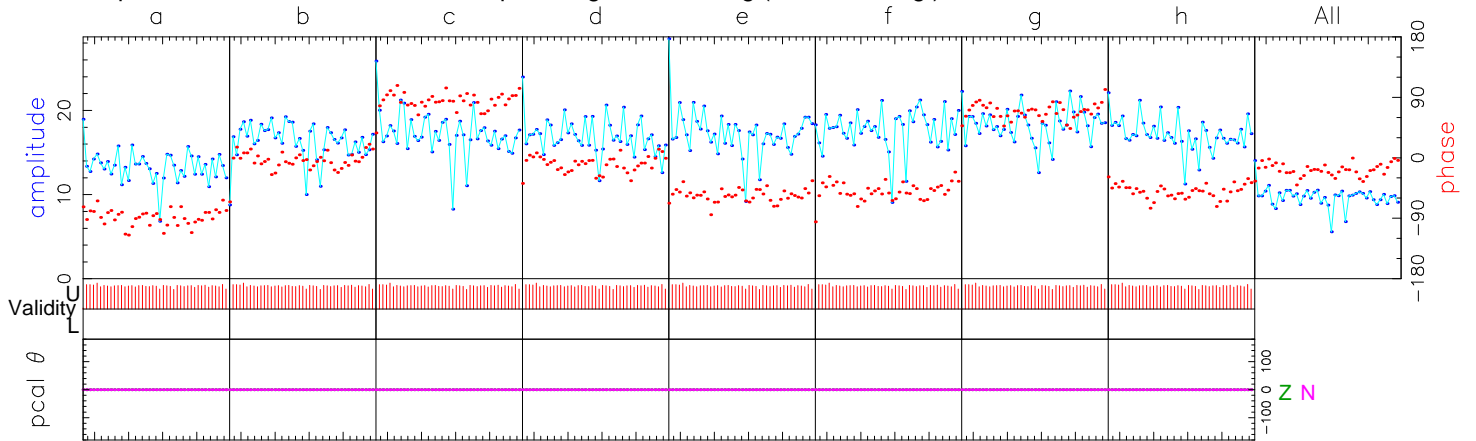


delay rate (ns/s)



Exp. f211a  
Exper # 16383  
Yr:day 2021:112  
Start 121513.31  
Stop 121534.82  
FRT 121730.00  
Corr/FF/build  
2021:112:203843  
2021:112:204715  
2021:057:122453  
RA & Dec (J2000)  
04h23m15.800724s  
--1°20'33.065613"

Amp. and Phase vs. time for each freq., 42 segs, 1 APs / seg (0.51 sec / seg.), time ticks 1 sec



	86012.00	86076.00	86140.00	86204.00	86268.00	86332.00	86396.00	86460.00	Freq (MHz)	All
	-88.5	-3.2	85.2	-8.8	-55.3	-48.6	69.1	-50.1	Phase	-17.4
	12.9	16.3	16.8	16.5	16.9	17.4	18.0	16.9	Ampl.	16.5
	256.4	257.8	258.3	258.7	258.8	258.5	258.6	257.7	Sbd box	258.3
U/L	42/0	42/0	42/0	42/0	42/0	42/0	42/0	42/0	APs used	
Z	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
N	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
Z:N	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
Z:N	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	Mani PC	
Z	1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
N	1000	1000	1000	1000	1000	1000	1000	1000		
Z	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Chan ids	
N	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Tracks	

Group delay (usec)(sbd)	-3.28754793172E+03	Apriori delay (usec)	-3.28755783787E+03	Resid mbdelay (usec)	-5.71886E-03	+/-	9.9E-06
Sband delay (usec)	-3.28755278737E+03	Apriori clock (usec)	1.2610066E+01	Resid sbdelay (usec)	5.05050E-03	+/-	7.8E-05
Phase delay (usec)	-3.28755783843E+03	Apriori clockrate (us/s)	2.1291500E-07	Resid phdelay (usec)	-5.61619E-07	+/-	3.4E-08
Delay rate (us/s)	-3.79882379998E-01	Apriori rate (us/s)	-3.79882241586E-01	Resid rate (us/s)	-1.38412E-07	+/-	2.7E-09
Total phase (deg)	-72.8	Apriori accel (us/s/s)	1.71262790755E-05	Resid phase (deg)	-17.4	+/-	1.0

ph/seg (deg)	9.3	Theor.	3.4	Amplitude	9.583 +/- 0.087	Pcal mode:	MANUAL, MANUAL	PC period (AP's)	5, 5		
amp/seg (%)	10.0		5.9	Search (128X32)	9.341	Pcal rate:	0.000E+00, 0.000E+00 (us/s)	sb window (us)	-1.000 1.000		
ph/frq (deg)	66.9		1.5	Interp.	0.000	Bits/sample:	2x2	SampCntNorm: enabled	mb window (us)	-0.008 0.008	
amp/frq (%)	73.3		2.6	Inc. seg. avg.	9.632	Sample rate (MSamp/s):	128	dr window (ns/s)	-0.011 0.011		
				Inc. frq. avg.	16.457	Data rate (Mb/s):	2048	nlags: 256	t_cohere infinite	ion window (TEC)	0.00 0.00

Z: az 171.6 el 28.2 pa -3.8 N: az 146.0 el 38.6 pa -23.0 u,v (fr/asec) 2193.857 1440.006 simultaneous interpolator

Control file: cf\_1234\_gmva Input file: /Exps/f211a/FRINGE/1234/No0002/ZN..1N7VBA Output file: /Exps/f211a/FRINGE/1234/No0002/ZN.W.8.1N7VBA