

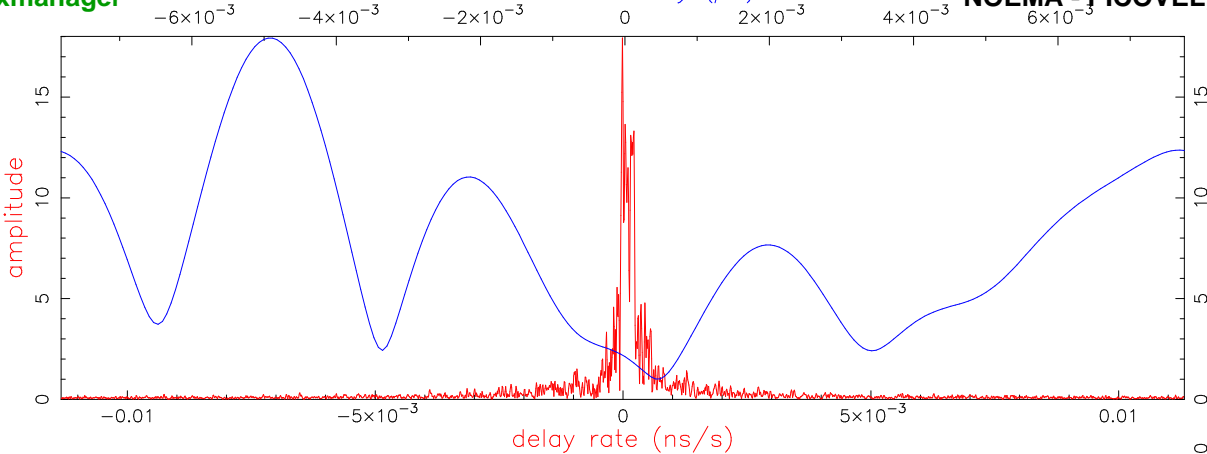
Mk4/DiFX fourfit 3.21 rev 2937

fxmanager

1156+295.1VK7WS, No0021, NP

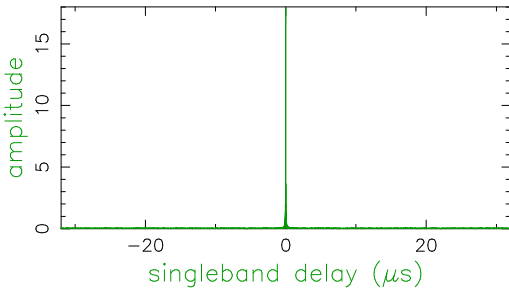
NOEMA - PICOVEL, fgroup W, pol RR

multiband delay ( $\mu$ s)

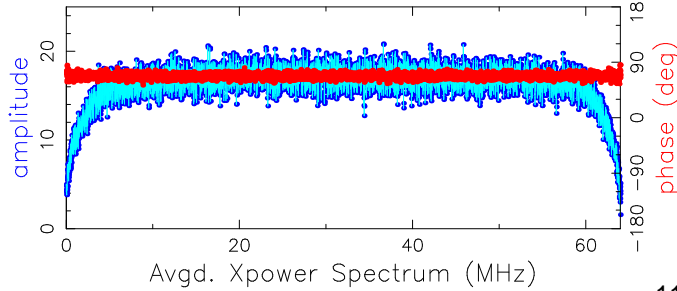


Fringe quality 2

SNR 1009.3  
Int time 419.821  
Amp 18.013  
Phase 43.9  
PFD 0.0e+00  
Delays (us)  
SBD -0.006984  
MBD -0.004909  
Fringe rate (Hz)  
-0.001107  
Ion TEC 0.000  
Ref freq (MHz)  
86140.0000  
AP (sec) 0.512

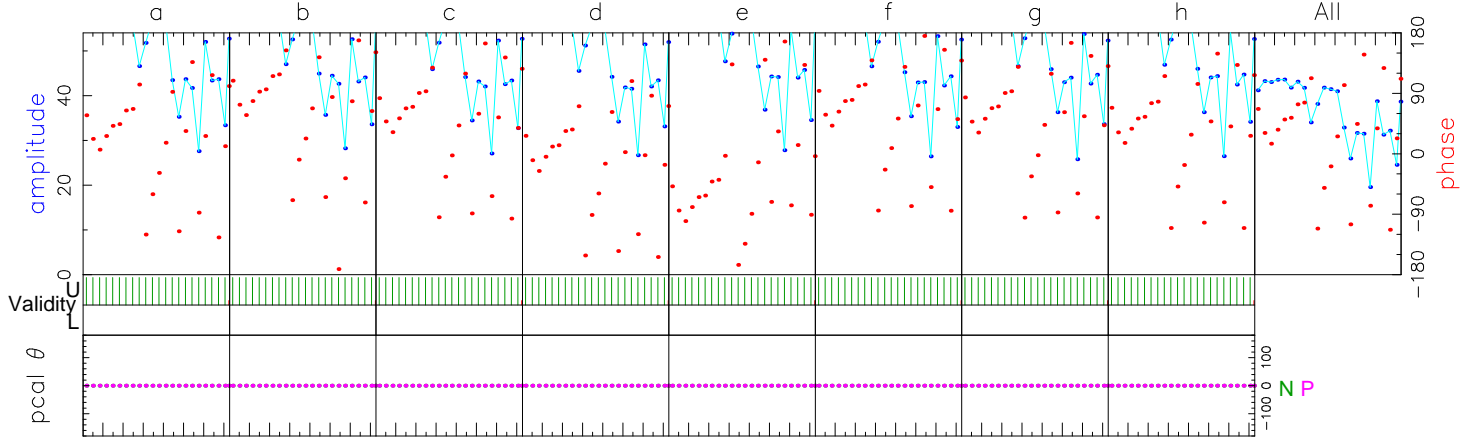


delay rate (ns/s)



Exp. f212a  
Exper # 16383  
Yr:day 2021:274  
Start 090001.00  
Stop 090700.84  
FRT 090331.00  
Corr/FF/build  
2021:275:011005  
2021:275:012258  
2021:252:122852  
RA & Dec (J2000)  
11h59m31.833912s  
+29°14'43.826900"

Amp. and Phase vs. time for each freq., 23 segs, 37 APs / seg (18.94 sec / seg.), time ticks 30 sec



	86012.00	86076.00	86140.00	86204.00	86268.00	86332.00	86396.00	86460.00	Freq (MHz)	All
	34.1	85.4	60.4	3.4	-71.4	71.0	61.0	45.9	Phase	43.9
	24.4	24.7	24.3	23.9	25.2	24.5	24.6	24.9	Ampl.	24.6
	8191.4	8191.2	8191.0	8191.3	8191.6	8191.0	8191.6	8191.6	Sbd box	8191.2
U/L	820/0	820/0	820/0	820/0	820/0	820/0	820/0	820/0	APs used	
N	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
P	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
N:P	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
N:P	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	Mani PC	
N	1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
P	1000	1000	1000	1000	1000	1000	1000	1000		
N	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Chan ids	
P	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Tracks	
									Tracks	
Group delay (usec)(sbd)	9.06059905414E+02		Apriori delay (usec)		9.06064814830E+02		Resid mbdelay (usec)		-4.90942E-03	+/- 1.1E-06
Sband delay (usec)	9.06057830830E+02		Apriori clock (usec)		-1.2650058E+01		Resid sbdelay (usec)		-6.98400E-03	+/- 8.5E-06
Phase delay (usec)	9.06064816245E+02		Apriori clockrate (us/s)		-5.3429999E-06		Resid phdelay (usec)		1.41558E-06	+/- 3.7E-09
Delay rate (us/s)	-2.02714834556E-01		Apriori rate (us/s)		-2.02714821708E-01		Resid rate (us/s)		-1.28483E-08	+/- 1.5E-11
Total phase (deg)			Apriori accel (us/s/s)		5.99687437441E-07		Resid phase (deg)		43.9	+/- 0.1

ph/seg (deg) 76.4 0.3 Theor. Amplitude 18.013 +/- 0.018 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5  
 amp/seg (%) 110.3 0.5 Interp. 0.000 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -32.000 32.000  
 ph/frq (deg) 54.8 0.2 Inc. seg. avg. 36.655 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.008 0.008  
 amp/frq (%) 36.5 0.3 Inc. frq. avg. 24.571 Sample rate(MISamp/s): 128 Data rate(Mb/s): 2048 nlags: 8192 t\_cohere infinite dr window (ns/s) -0.011 0.011  
 N: az 114.3 el 62.4 pa -47.5 P: az 92.7 el 57.2 pa -65.9 u,v (fr/asec) 1329.628 789.275 simultaneous interpolator  
 Control file: cf\_1234\_gmva Input file: /Exps/f212a/FRINGE/1234/No0021/NP..1VK7WS Output file: /Exps/f212a/FRINGE/1234/No0021/NP.W.11.1VK7WS