

Mk4/DiFX fourfit 3.21 rev 2937

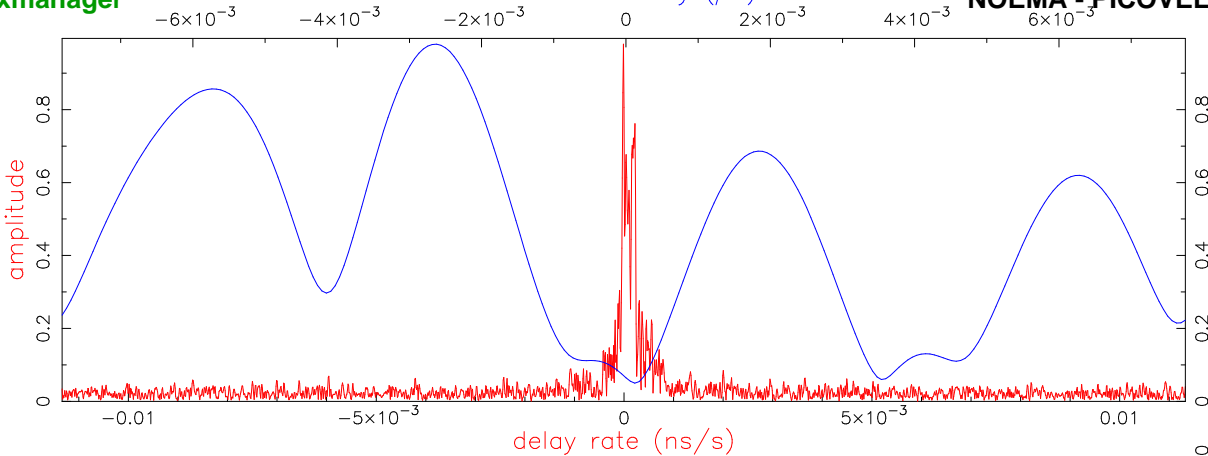
fxmanager

1156+295.1VK7WS, No0021, NP

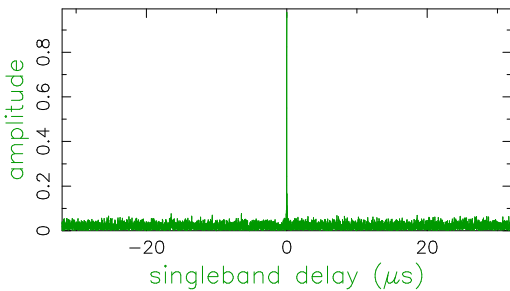
NOEMA - PICOVEL, fgroup W, pol LR

multiband delay ( $\mu$ s)

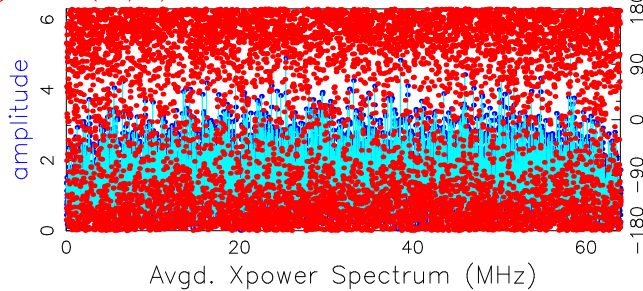
Fringe quality 1



SNR 55.8  
 Int time 419.821  
 Amp 0.995  
 Phase 145.3  
 PFD 0.0e+00  
 Delays (us)  
 SBD -0.005553  
 MBD -0.002643  
 Fringe rate (Hz)  
 -0.001182  
 Ion TEC 0.000  
 Ref freq (MHz)  
 86140.0000  
 AP (sec) 0.512

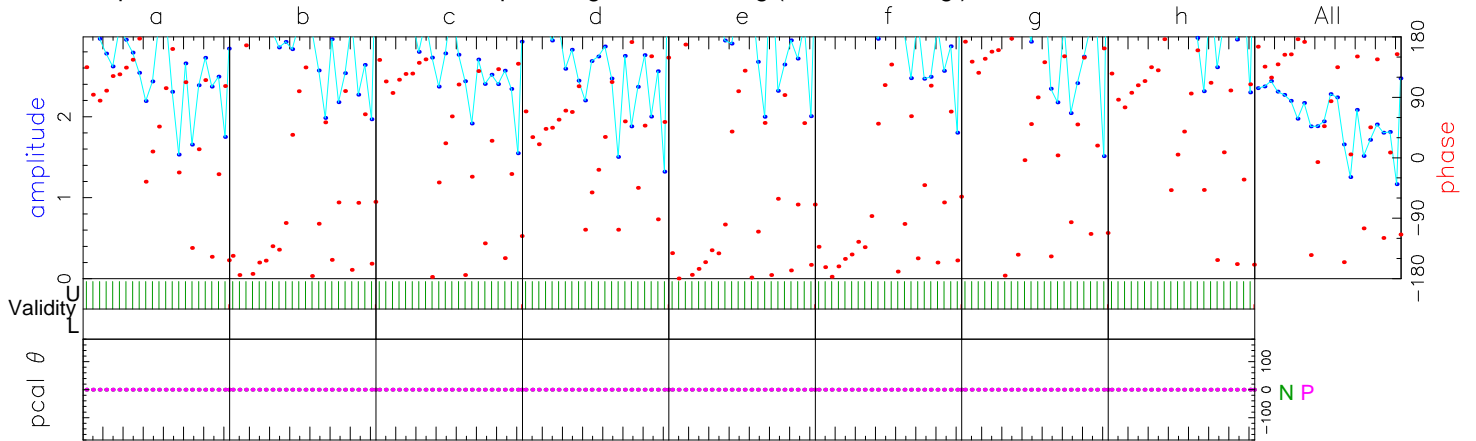


delay rate (ns/s)



Exp. f212a  
 Exper # 16383  
 Yr:day 2021:274  
 Start 090001.00  
 Stop 090700.84  
 FRT 090331.00  
 Corr/FF/build  
 2021:275:011005  
 2021:275:012428  
 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
U/L	820/0	820/0	820/0	820/0	820/0	820/0	820/0	820/0		
N	1000	1000	1000	1000	1000	1000	1000	1000		
P	1000	1000	1000	1000	1000	1000	1000	1000		
N:P	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0		
N:P	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0		
N	1000	1000	1000	1000	1000	1000	1000	1000		
P	1000	1000	1000	1000	1000	1000	1000	1000		
N	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL		
P	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR		

Group delay (usec)(sbd)	9.06062171851E+02	Apriori delay (usec)	9.06064814830E+02	Resid mbdelay (usec)	-2.64298E-03	+/-	1.9E-05
Sband delay (usec)	9.06059261580E+02	Apriori clock (usec)	-1.2650058E+01	Resid sbdelay (usec)	-5.55325E-03	+/-	1.5E-04
Phase delay (usec)	9.06064819516E+02	Apriori clockrate (us/s)	-5.3429999E-06	Resid phdelay (usec)	4.68669E-06	+/-	6.6E-08
Delay rate (us/s)	-2.02714835427E-01	Apriori rate (us/s)	-2.02714821708E-01	Resid rate (us/s)	-1.37184E-08	+/-	2.7E-10
Total phase (deg)	199.1	Apriori accel (us/s/s)	5.99687437441E-07	Resid phase (deg)	145.3	+/-	2.1

ph/seg (deg)	RMS 73.4	Theor. 4.9	Amplitude Search (2048X32)	0.995 +/- 0.018	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5	sb window (us)	-32.000	32.000
amp/seg (%)	103.7	8.6	Interp.	0.000	Pcal rate: 0.000E+00, 0.000E+00 (us/s)	SampCntNorm: enabled	mb window (us)	-0.008	0.008
ph/frq (deg)	60.8	2.9	Inc. seg. avg.	1.961	Bits/sample: 2x2	Sample rate(MISamp/s): 128	dr window (ns/s)	-0.011	0.011
amp/frq (%)	54.1	5.1	Inc. frq. avg.	1.508	Data rate(Mb/s): 2048	nlags: 8192 t_cohere infinite	ion window (TEC)	0.00	0.00

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.14.1VK7WS