

Mk4/DiFX fourfit 3.21 rev 2937

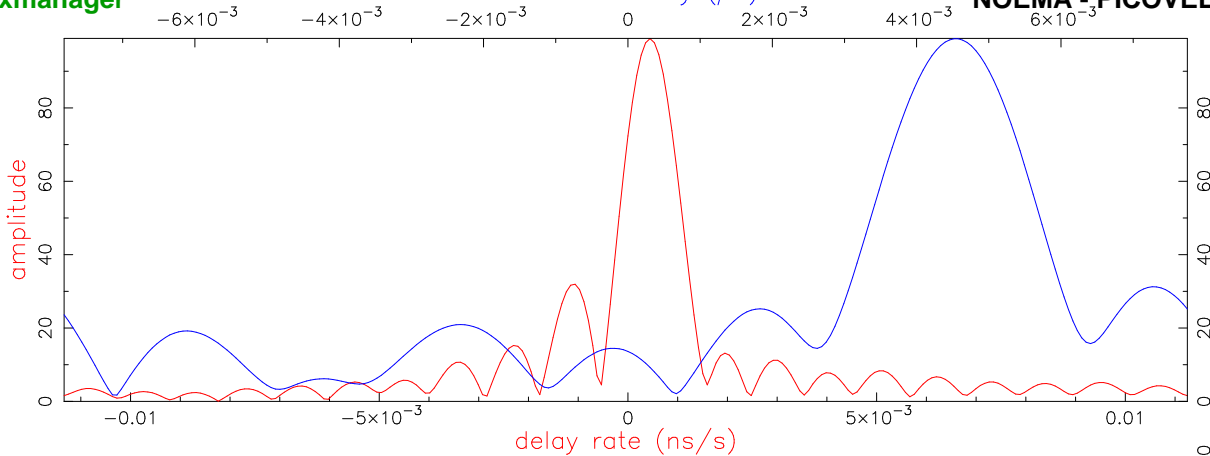
fxmanager

0420-014.1N7ULS, No0009, NP

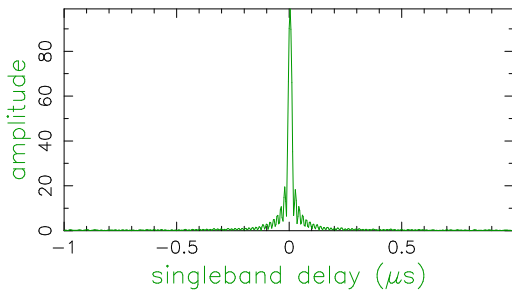
NOEMA - PICOVEL, fgroup W, pol LL

multiband delay ( $\mu$ s)

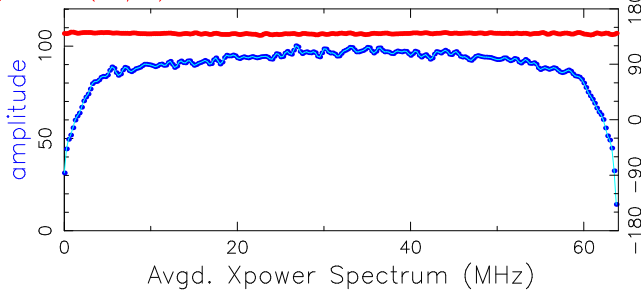
Fringe quality 8



SNR 891.5  
 Int time 10.874  
 Amp 98.928  
 Phase 132.0  
 PFD 0.0e+00  
 Delays (us)  
 SBD 0.003863  
 MBD 0.004543  
 Fringe rate (Hz) 0.039502  
 Ion TEC 0.000  
 Ref freq (MHz) 86140.0000  
 AP (sec) 0.512

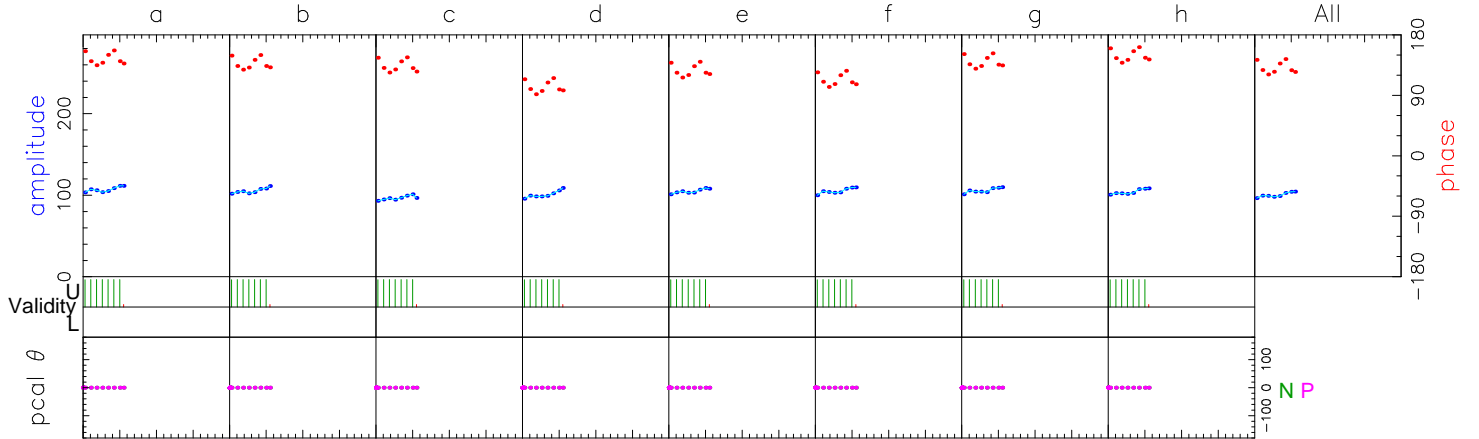


delay rate (ns/s)



Exp. f211a  
 Exper # 16383  
 Yr:day 2021:112  
 Start 140000.00  
 Stop 140038.91  
 FRT 140230.00  
 Corr/FF/build  
 2021:112:202603  
 2021:112:203154  
 2021:057:122453  
 RA & Dec (J2000)  
 04h23m15.800724s  
 --1°20'33.065613"

Amp. and Phase vs. time for each freq., 26 segs, 3 APs / seg (1.54 sec / seg.), time ticks 2 sec



	86012.00	86076.00	86140.00	86204.00	86268.00	86332.00	86396.00	86460.00	Freq (MHz)	All
U/L	145.2	138.2	135.0	103.4	127.8	114.0	140.5	149.9	Phase	132.0
N	105.7	103.8	95.7	99.1	103.5	103.7	104.4	102.7	Ampl.	102.3
P	258.0	258.1	257.5	257.9	258.1	257.9	258.2	258.2	Sbd box	258.0
N:P	22/0	22/0	22/0	22/0	22/0	22/0	22/0	22/0	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	1000	1000	1000	1000	1000	1000	1000	1000	Mani PC	
P	1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
N	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL	Chan ids	
P	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL	Tracks	

Group delay (usec)(sbd)	-1.73243150280E+03	Apriori delay (usec)	-1.73243604624E+03	Resid mbdelay (usec)	4.54344E-03	+/-	1.2E-06
Sband delay (usec)	-1.73243218299E+03	Apriori clock (usec)	-1.2457707E+01	Resid sbdelay (usec)	3.86325E-03	+/-	9.7E-06
Phase delay (usec)	-1.73243604198E+03	Apriori clockrate (us/s)	3.0850001E-09	Resid phdelay (usec)	4.25697E-06	+/-	4.1E-09
Delay rate (us/s)	-1.97604932151E-01	Apriori rate (us/s)	-1.97605390729E-01	Resid rate (us/s)	4.58578E-07	+/-	6.4E-10
Total phase (deg)	123.7	Apriori accel (us/s/s)	8.89099571318E-06	Resid phase (deg)	132.0	+/-	0.1

ph/seg (deg)	8.4	RMS	8.4	Theor.	0.2	Amplitude	98.928 +/- 0.111	Pcal mode:	MANUAL, MANUAL	PC period (AP's)	5, 5	
amp/seg (%)	2.8	Search (256X32)	98.538	Interp.	0.000	Pcal rate:	0.000E+00, 0.000E+00 (us/s)	sb window (us)	-1.000	1.000		
ph/frq (deg)	17.2	Inc. seg. avg.	99.990	Inc. frq. avg.	102.316	Bits/sample:	2x2	SampCntNorm: enabled	mb window (us)	-0.008	0.008	
amp/frq (%)	4.6	Inc. frq. avg.	102.316	Sample rate (MSamp/s):	128	Data rate (Mb/s):	2048	nlags: 256	t_cohere infinite	dr window (ns/s)	-0.011	0.011
N: az 180.9 el 44.1 pa 1.2		P: az 166.3 el 50.8 pa -10.4		u, v (fr/asec)	1137.950 871.508	ion window (TEC)	0.00	0.00	simultaneous interpolator			

Control file: cf\_1234\_gmva Input file: /Exps/f211a/FRINGE/1234/No0009/NP..1N7ULS Output file: /Exps/f211a/FRINGE/1234/No0009/NP.W.3.1N7ULS