

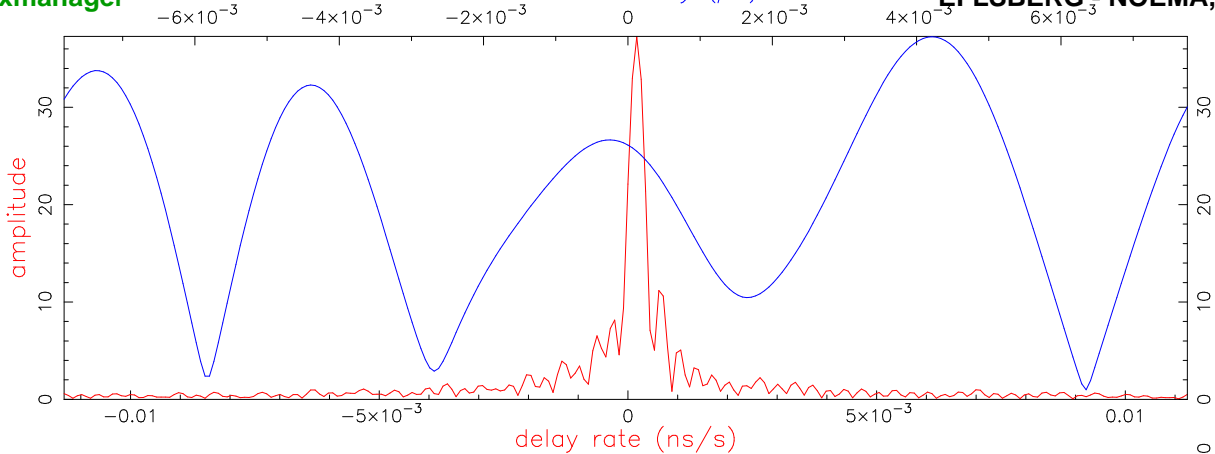
Mk4/DiFX fourfit 3.21 rev 2937

fxmanager

0420-014.1N7VBA, No0002, BN

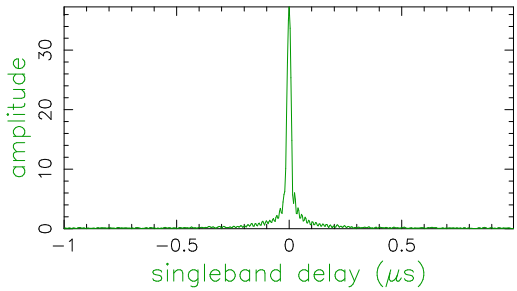
EFLSBERG - NOEMA, fgroup W, pol RR

multiband delay (μ s)

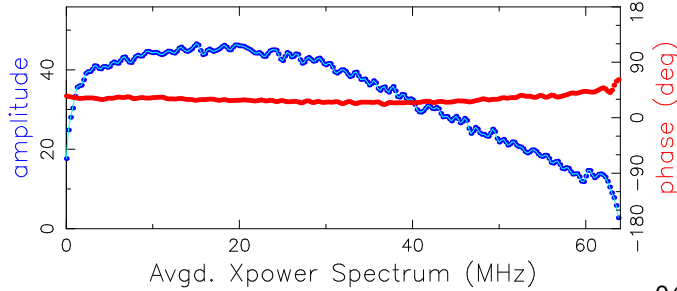


Fringe quality 5

SNR 569.5
 Int time 31.197
 Amp 37.287
 Phase -23.7
 PFD 0.0e+00
 Delays (us)
 SBD -0.000450
 MBD 0.004214
 Fringe rate (Hz)
 0.015952
 Ion TEC 0.000
 Ref freq (MHz)
 86140.0000
 AP (sec) 0.512

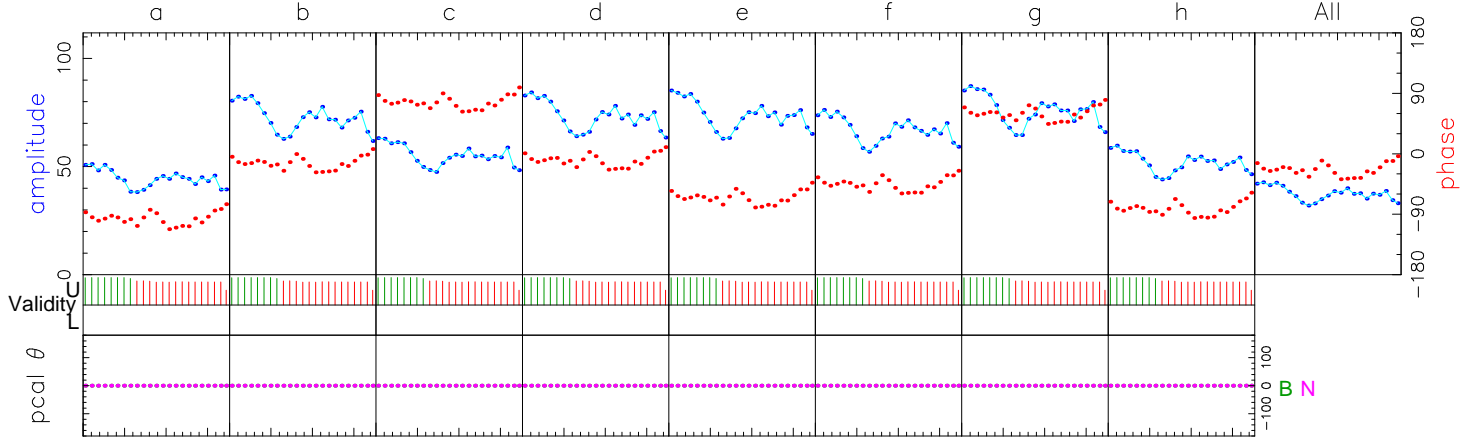


delay rate (ns/s)



Exp. f211a
 Yr:day 2021:112
 Start 121500.00
 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., 23 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
	-96.4	-13.8	76.6	-9.6	-65.2	-45.3	59.5	-81.9	Phase	-23.7
	44.1	72.2	54.8	72.9	73.3	66.4	75.5	51.6	Ampl.	63.8
	254.6	256.5	257.2	257.1	257.5	257.2	256.9	255.5	Sbd box	256.9
U/L	68/0	68/0	68/0	68/0	68/0	68/0	68/0	68/0	APs used	
B	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
N	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
B:N	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
B:N	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	Mani PC	
B	1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
N	1000	1000	1000	1000	1000	1000	1000	1000		
B	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Chan ids	
N	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Tracks	

Group delay (usec)(sbd) -1.41117197928E+03 Apriori delay (usec) -1.41117619308E+03 Resid mbdelay (usec) 4.21381E-03 +/- 1.9E-06
 Sband delay (usec) -1.41117664358E+03 Apriori clock (usec) -8.7352734E+00 Resid sbdelay (usec) -4.50500E-04 +/- 1.5E-05
 Phase delay (usec) -1.41117619385E+03 Apriori clockrate (us/s) -3.0850001E-09 Resid phdelay (usec) -7.63647E-07 +/- 6.5E-09
 Delay rate (us/s) -6.51946304513E-02 Apriori rate (us/s) -6.51948156399E-02 Resid rate (us/s) 1.85189E-07 +/- 3.2E-10
 Total phase (deg) -121.7 Apriori accel (us/s/s) 7.28082942315E-06 Resid phase (deg) -23.7 +/- 0.2

RMS Theor. Amplitude 37.287 +/- 0.065 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5
 ph/seg (deg) 8.7 0.5 Search (256X32) 36.688 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -1.000 1.000
 amp/seg (%) 8.5 0.8 Interp. 0.000 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.008 0.008
 ph/frq (deg) 68.5 0.3 Inc. seg. avg. 37.670 Sample rate(MISamp/s): 128 dr window (ns/s) -0.011 0.011
 amp/frq (%) 77.3 0.5 Inc. frq. avg. 63.842 Data rate(Mb/s): 2048 nlags: 256 t_cohere infinite ion window (TEC) 0.00 0.00

B: az 149.5 el 34.0 pa -18.8 N: az 146.0 el 38.6 pa -23.0 u,v (fr/asec) 381.057 600.826 simultaneous interpolator
 Control file: cf_1234_gmva Input file: /Exps/f211a/FRINGE/1234/No0002/BN..1N7VBA Output file: /Exps/f211a/FRINGE/1234/No0002/BN.W.5.1N7VBA