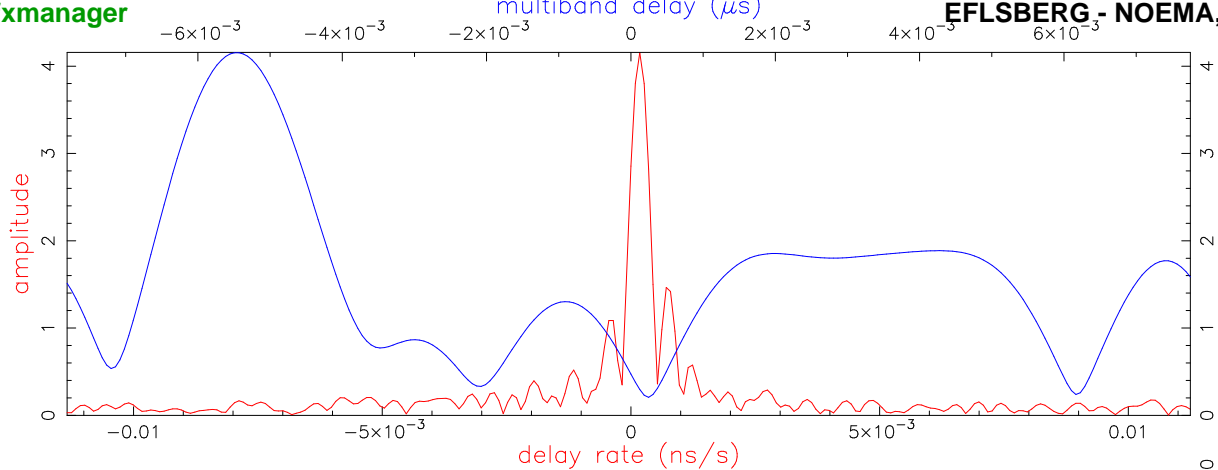


Mk4/DiFX fourfit 3.21 rev 2937

fxmanager

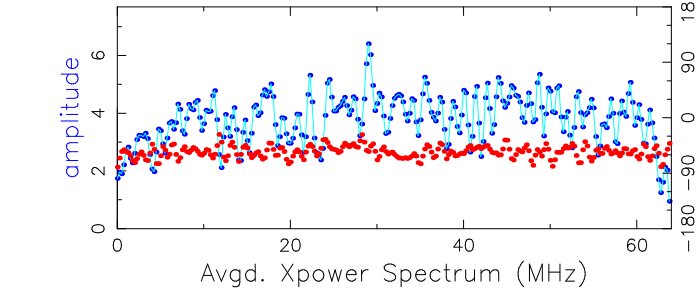
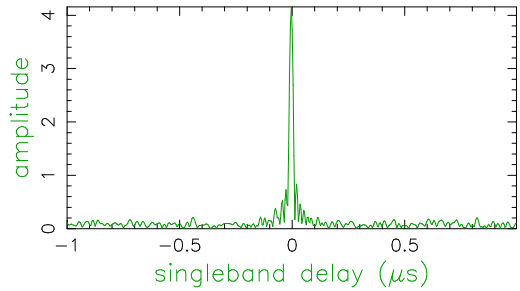
0420-014.1N7VBA, No0002, BN

EFLSBERG - NOEMA, fgroup W, pol RL



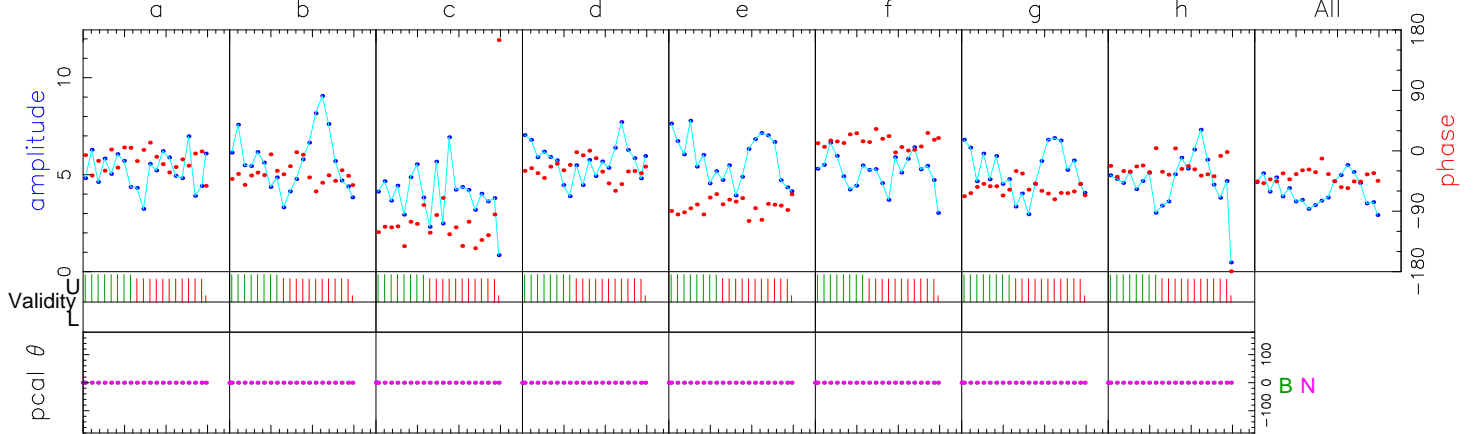
Fringe quality 6

SNR 58.8
 Int time 26.796
 Amp 4.158
 Phase -40.5
 PFD 0.0e+00
 Delays (us)
 SBD -0.004181
 MBD -0.005470
 Fringe rate (Hz)
 0.013644
 Ion TEC 0.000
 Ref freq (MHz)
 86140.0000
 AP (sec) 0.512



Exp. f211a
 Exper # 16383
 Yr:day 2021:112
 Start 121500.00
 Stop 121534.82
 FRT 121730.00
 Corr/FF/build
 2021:112:203843
 2021:112:204716
 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
	-14.0	-35.2	-114.1	-28.6	-84.6	13.3	-57.7	-25.2	Phase	-40.5
	5.0	5.6	3.9	5.5	5.8	5.2	5.2	4.6	Ampl.	5.1
	254.4	255.7	256.8	256.7	256.9	256.7	256.5	255.1	Sbd box	255.9
U/L	58/0	58/0	58/0	58/0	58/0	58/0	58/0	58/0	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	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL	Tracks	
									Tracks	
Group delay (usec)(sbd)	-1.41118166299E+03		Apriori delay (usec)		-1.41117619308E+03		Resid mbdelay (usec)		-5.46991E-03	+/- 1.8E-05
Sband delay (usec)	-1.41118037433E+03		Apriori clock (usec)		-8.7352734E+00		Resid sbdelay (usec)		-4.18125E-03	+/- 1.5E-04
Phase delay (usec)	-1.41117619439E+03		Apriori clockrate (us/s)		-3.0850001E-09		Resid phdelay (usec)		-1.30595E-06	+/- 6.3E-08
Delay rate (us/s)	-6.51946572461E-02		Apriori rate (us/s)		-6.51948156399E-02		Resid rate (us/s)		1.58394E-07	+/- 3.7E-09
Total phase (deg)			Apriori accel (us/s/s)		7.28082942315E-06		Resid phase (deg)		-40.5	+/- 1.9

RMS Theor. Amplitude 4.158 +/- 0.071
 ph/seg (deg) 10.0 4.3 Search (256X32) 4.113 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5
 amp/seg (%) 16.1 7.5 Interp. 0.000 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -1.000 1.000
 ph/frq (deg) 44.1 2.8 Inc. seg. avg. 4.203 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.008 0.008
 amp/frq (%) 26.5 4.8 Inc. frq. avg. 5.103 Sample rate(MISamp/s): 128 Data rate(Mb/s): 2048 nlags: 256 t_cohere infinite dr window (ns/s) -0.011 0.011
 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.12.1N7VBA