

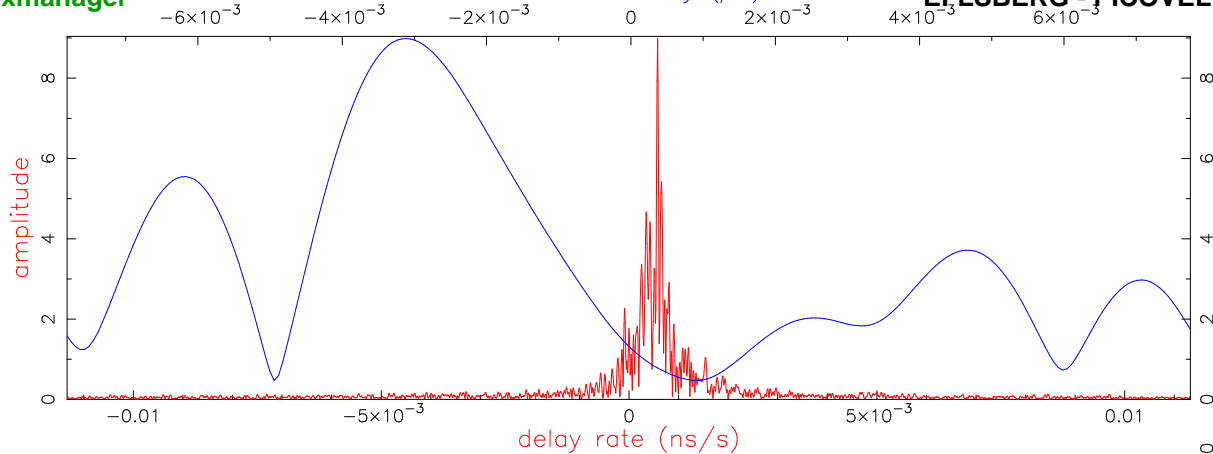
Mk4/DiFX fourfit 3.21 rev 2937

fxmanager

0420-014.1N7NOX, No0009, BP

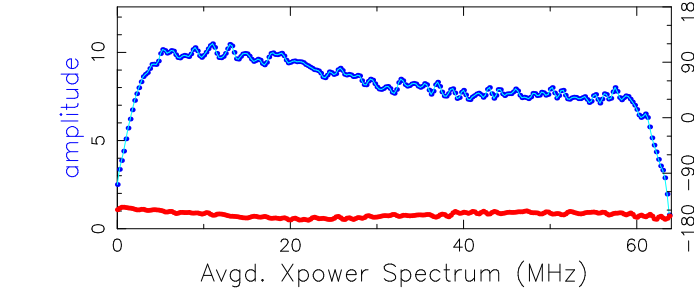
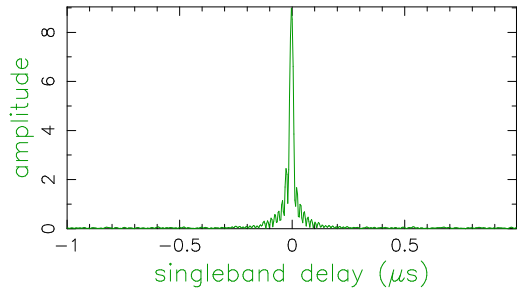
EFLSBERG - PICOVEL, fgroup W, pol RR

multiband delay (μ s)



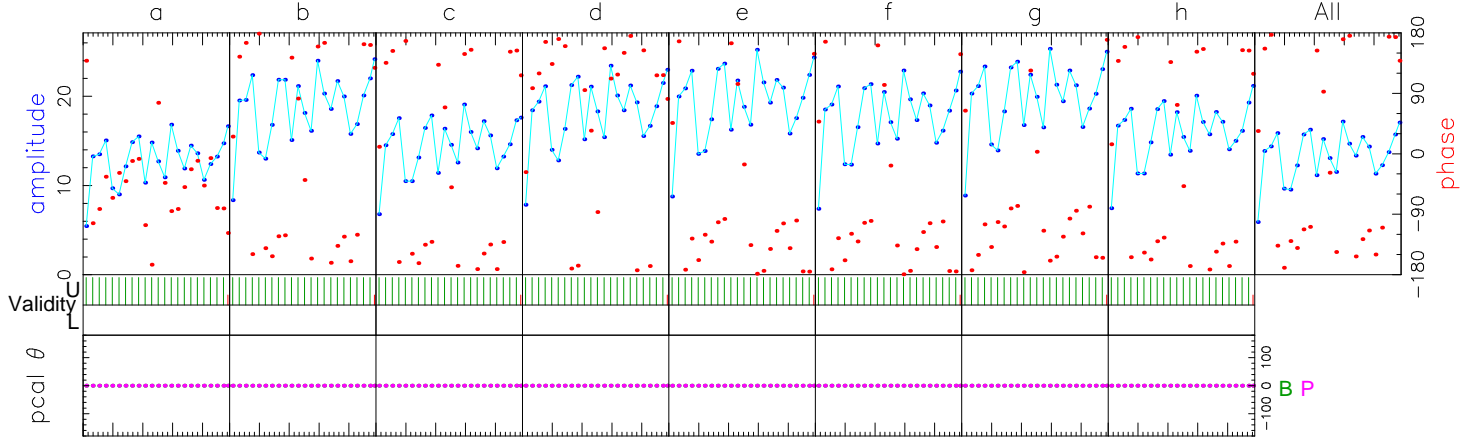
Fringe quality 2

SNR 417.8
 Int time 286.184
 Amp 9.041
 Phase -157.1
 PFD 0.0e+00
 Delays (us)
 SBD -0.003003
 MBD -0.003090
 Fringe rate (Hz) 0.049558
 Ion TEC 0.000
 Ref freq (MHz) 86140.0000
 AP (sec) 0.512



Exp. f211a
 Exper # 16383
 Yr:day 2021:112
 Start 140000.00
 Stop 140446.72
 FRT 140230.00
 Corr/FF/build
 2021:112:180055
 2021:112:180246
 2021:057:122453
 RA & Dec (J2000)
 04h23m15.800724s
 -1°20'33.065613"

Amp. and Phase vs. time for each freq., 23 segs, 25 APs / seg (12.80 sec / seg.), time ticks 10 sec



	86012.00	86076.00	86140.00	86204.00	86268.00	86332.00	86396.00	86460.00	Freq (MHz)	All
U/L	560/0	560/0	560/0	560/0	560/0	560/0	560/0	560/0		
B	1000	1000	1000	1000	1000	1000	1000	1000		
P	1000	1000	1000	1000	1000	1000	1000	1000		
B:P	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0		
B:P	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0		
B	1000	1000	1000	1000	1000	1000	1000	1000		
P	1000	1000	1000	1000	1000	1000	1000	1000		
B	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR		
P	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR		

Group delay (usec)(sbd) -3.39808201248E+03 Apriori delay (usec) -3.39807892222E+03 Resid mbdelay (usec) -3.09026E-03 +/- 2.6E-06
 Sband delay (usec) -3.39808192547E+03 Apriori clock (usec) -2.1193001E+01 Resid sbdelay (usec) -3.00325E-03 +/- 2.1E-05
 Phase delay (usec) -3.39807892728E+03 Apriori clockrate (us/s) 0.0000000E+00 Resid phdelay (usec) -5.06623E-06 +/- 8.8E-09
 Delay rate (us/s) -2.11767235421E-01 Apriori rate (us/s) -2.11767810746E-01 Resid rate (us/s) 5.75325E-07 +/- 5.3E-11
 Total phase (deg) -286.6 Apriori accel (us/s/s) 1.75249828023E-05 Resid phase (deg) -157.1 +/- 0.3

RMS Theor. Amplitude 9.041 +/- 0.022 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5
 ph/seg (deg) 59.3 0.7 Search (2048X32) 8.800 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -1.000 1.000
 amp/seg (%) 56.2 1.1 Interp. 0.000 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.008 0.008
 ph/frq (deg) 51.6 0.4 Inc. seg. avg. 13.374 Sample rate(MISamp/s): 128 dr window (ns/s) -0.011 0.011
 amp/frq (%) 32.1 0.7 Inc. frq. avg. 11.481 Data rate(Mb/s): 2048 nlags: 256 t_cohere infinite ion window (TEC) 0.00 0.00

B: az 182.1 el 38.2 pa 1.3 P: az 166.3 el 50.8 pa -10.4 u,v (fr/asec) 1225.354 1469.279 simultaneous interpolator
 Control file: cf_1234_gmva Input file: /Exps/f211a/FRINGE/1234/No0009/BP..1N7NOX Output file: /Exps/f211a/FRINGE/1234/No0009/BP.W.13.1N7NOX