

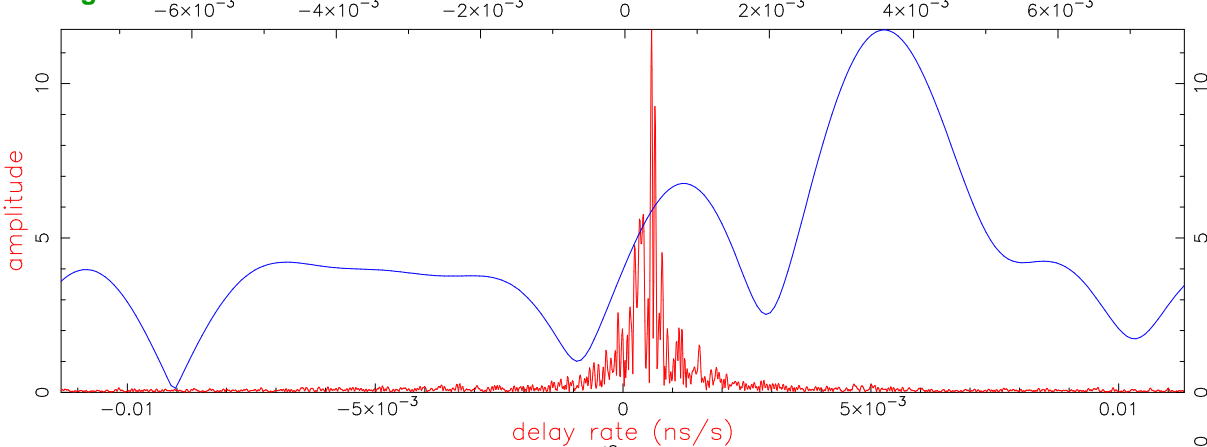
Mk4/DiFX fourfit 3.21 rev 2937

fxmanager

0420-014.1N7NOX, No0009, BP

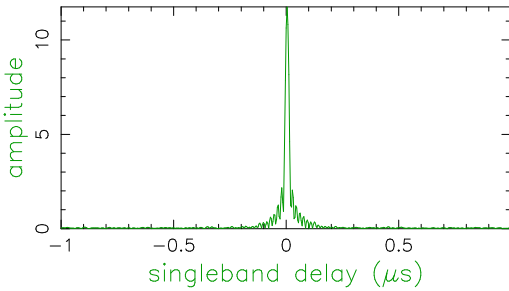
EFLSBERG - PICOVEL, fgroup W, pol LL

multiband delay (μ s)



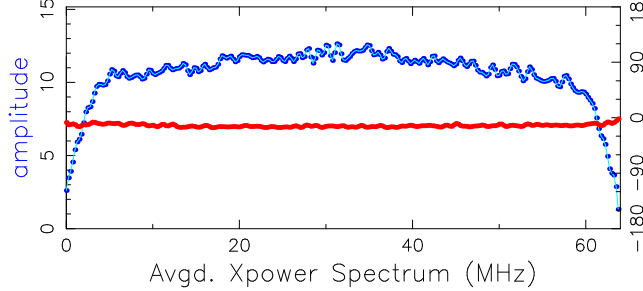
Fringe quality 2

SNR 519.4
 Int time 261.516
 Amp 11.758
 Phase -7.4
 PFD 0.0e+00
 Delays (us)
 SBD 0.004088
 MBD 0.003595
 Fringe rate (Hz) 0.049930
 Ion TEC 0.000
 Ref freq (MHz) 86140.0000
 AP (sec) 0.512



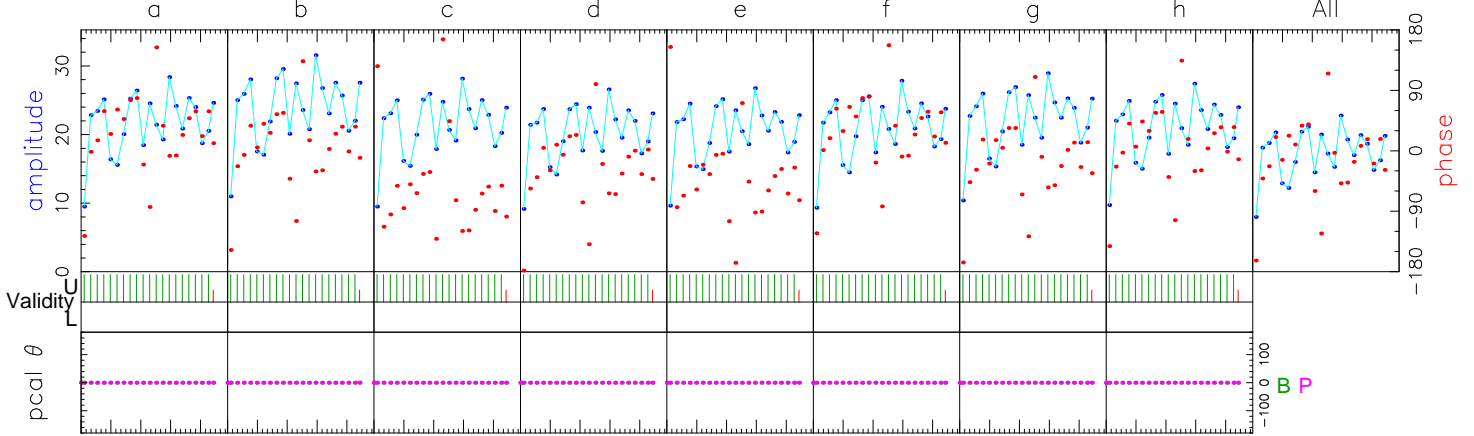
singleband delay (μ s)

delay rate (ns/s)



Exp. f211a
 Exper # 16383
 Yr:day 2021:112
 Start 140000.00
 Stop 140446.72
 FRT 140230.00
 Corr/FF/build
 2021:112:180055
 2021:112:180243
 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	511/0	511/0	511/0	511/0	511/0	511/0	511/0	511/0		
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	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL		
P	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL		

Group delay (usec)(sbd)	-3.39807532691E+03	Apriori delay (usec)	-3.39807892222E+03	Resid mbdelay (usec)	3.59530E-03	+/-	2.1E-06
Sband delay (usec)	-3.39807483422E+03	Apriori clock (usec)	-2.1193001E+01	Resid sbdelay (usec)	4.08800E-03	+/-	1.7E-05
Phase delay (usec)	-3.39807892245E+03	Apriori clockrate (us/s)	0.000000E+00	Resid phdelay (usec)	-2.37904E-07	+/-	7.1E-09
Delay rate (us/s)	-2.11767231106E-01	Apriori rate (us/s)	-2.11767810746E-01	Resid rate (us/s)	5.79641E-07	+/-	4.7E-11
Total phase (deg)	-136.9	Apriori accel (us/s/s)	1.75249828023E-05	Resid phase (deg)	-7.4	+/-	0.2

ph/seg (deg)	57.7	RMS	Theor.	Amplitude	11.758 +/- 0.023	Pcal mode:	MANUAL, MANUAL	PC period (AP's)	5, 5	
amp/seg (%)	55.2	57.7	0.5	Search (2048X32)	11.484	Pcal rate:	0.000E+00, 0.000E+00 (us/s)	sb window (us)	-1.000 1.000	
ph/frq (deg)	43.3	55.2	0.9	Interp.	0.000	Bits/sample:	2x2	SampCntNorm: enabled	mb window (us)	-0.008 0.008
amp/frq (%)	25.2	43.3	0.3	Inc. seg. avg.	17.253	Sample rate (MSamp/s):	128	dr window (ns/s)	-0.011 0.011	
		25.2	0.5	Inc. frq. avg.	14.626	Data rate (Mb/s):	2048	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.4.1N7NOX