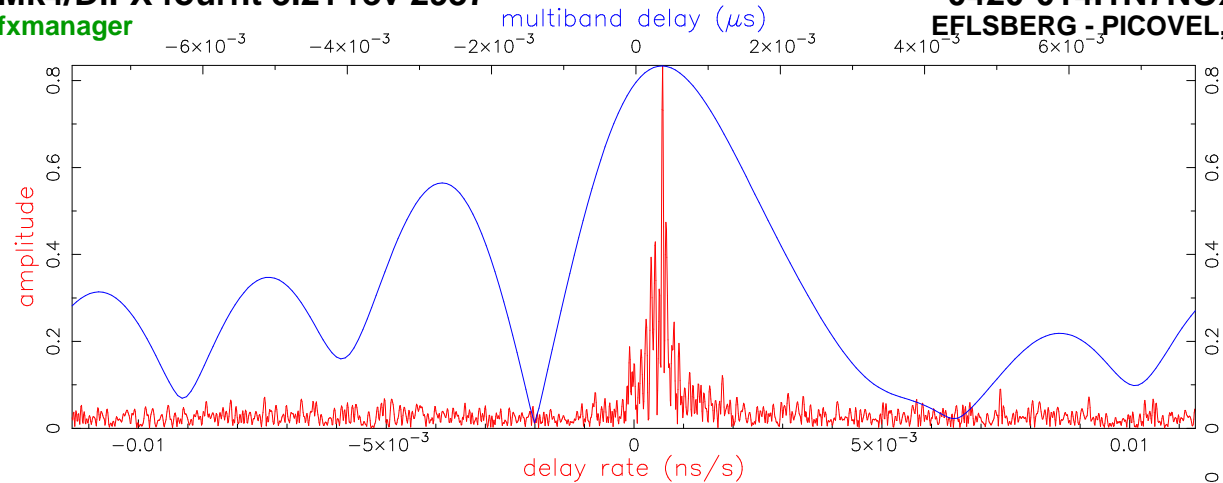


Mk4/DiFX fourfit 3.21 rev 2937

fxmanager

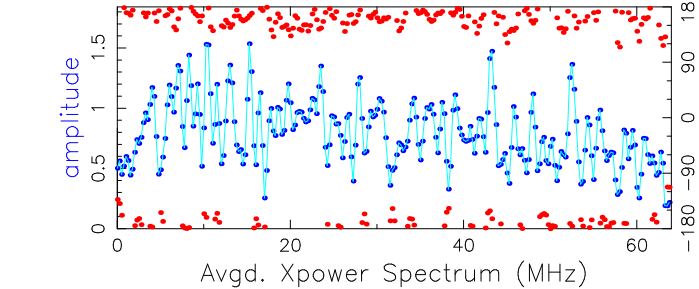
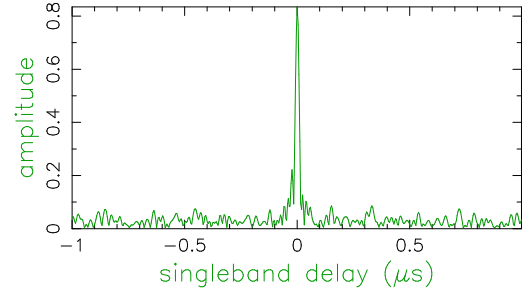
0420-014.1N7NOX, No0009, BP

EFLSBERG - PICOVEL, fgroup W, pol LR



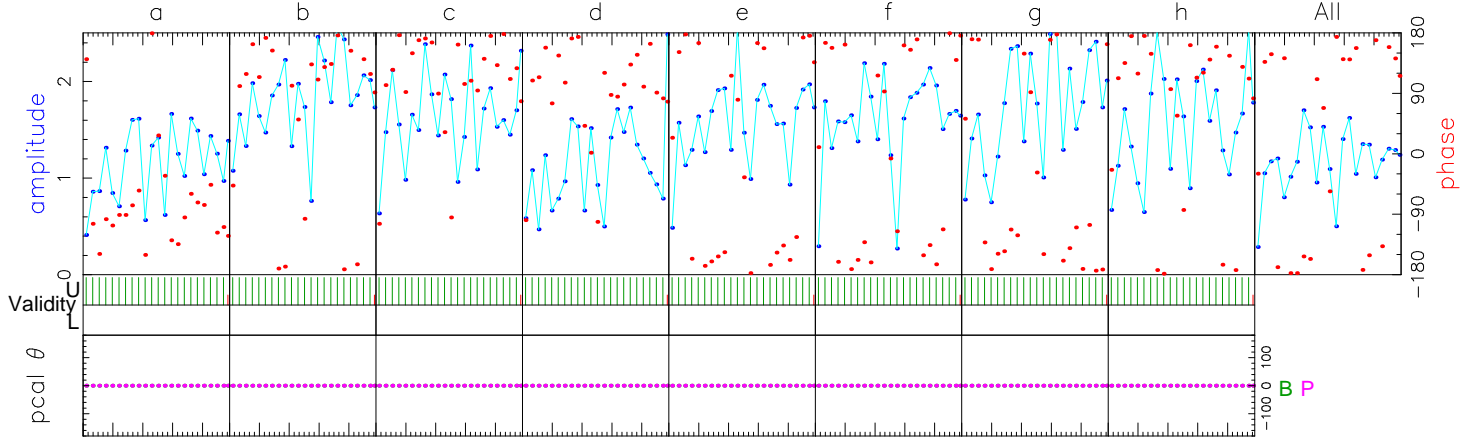
Fringe quality 4

SNR 38.6  
 Int time 286.184  
 Amp 0.835  
 Phase 167.6  
 PFD 0.0e+00  
 Delays (us)  
 SBD 0.000282  
 MBD 0.000365  
 Fringe rate (Hz)  
 0.049605  
 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  
 2021:112:180249  
 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
	-93.4	148.0	136.4	117.3	-177.3	-178.8	-159.2	143.1	Phase	167.6
	0.8	1.3	1.1	0.7	1.1	1.2	1.2	1.1	Ampl.	1.1
	254.9	256.0	256.7	256.5	257.5	256.8	256.7	255.9	Sbd box	257.1
U/L	560/0	560/0	560/0	560/0	560/0	560/0	560/0	560/0	APs used	
B	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
P	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
B:P	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
B:P	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	
P	1000	1000	1000	1000	1000	1000	1000	1000		
B	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL	Chan ids	
P	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Tracks	

Group delay (usec)(sbd) -3.39807855685E+03 Apriori delay (usec) -3.39807892222E+03 Resid mbdelay (usec) 3.65364E-04 +/- 2.8E-05  
 Sband delay (usec) -3.39807863997E+03 Apriori clock (usec) -2.1193001E+01 Resid sbdelay (usec) 2.82250E-04 +/- 2.2E-04  
 Phase delay (usec) -3.39807891681E+03 Apriori clockrate (us/s) 0.0000000E+00 Resid phdelay (usec) 5.40571E-06 +/- 9.6E-08  
 Delay rate (us/s) -2.11767234877E-01 Apriori rate (us/s) -2.11767810746E-01 Resid rate (us/s) 5.75870E-07 +/- 5.8E-10  
 Total phase (deg) 38.1 Apriori accel (us/s/s) 1.75249828023E-05 Resid phase (deg) 167.6 +/- 3.0

RMS Theor. Amplitude 0.835 +/- 0.022 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5  
 ph/seg (deg) 56.9 7.1 Search (2048X32) 0.817 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -1.000 1.000  
 amp/seg (%) 55.7 12.4 Interp. 0.000 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.008 0.008  
 ph/frq (deg) 51.3 4.2 Inc. seg. avg. 1.156 Sample rate(MISamp/s): 128 dr window (ns/s) -0.011 0.011  
 amp/frq (%) 34.3 7.3 Inc. frq. avg. 1.059 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.21.1N7NOX