

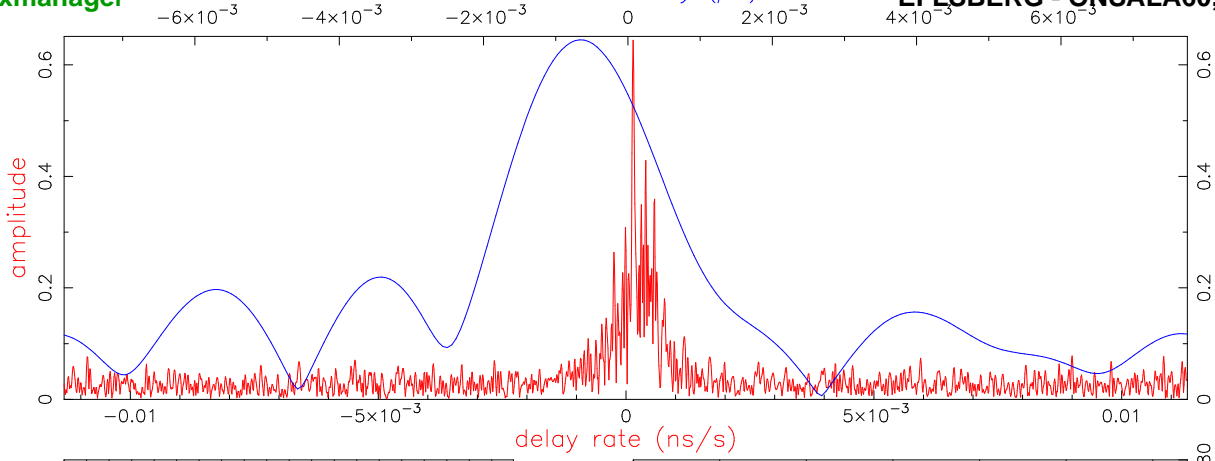
Mk4/DiFX fourfit 3.21 rev 2937

fxmanager

0420-014.1N7ECY, No0002, BX

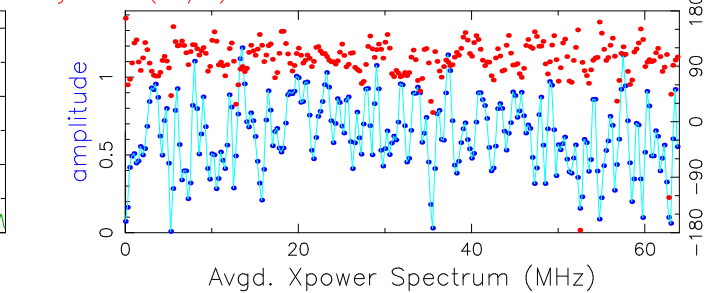
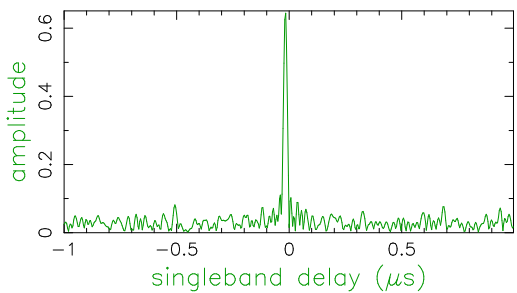
EFLSBERG - ONSALA60, fgroup W, pol RL

multiband delay ( $\mu$ s)



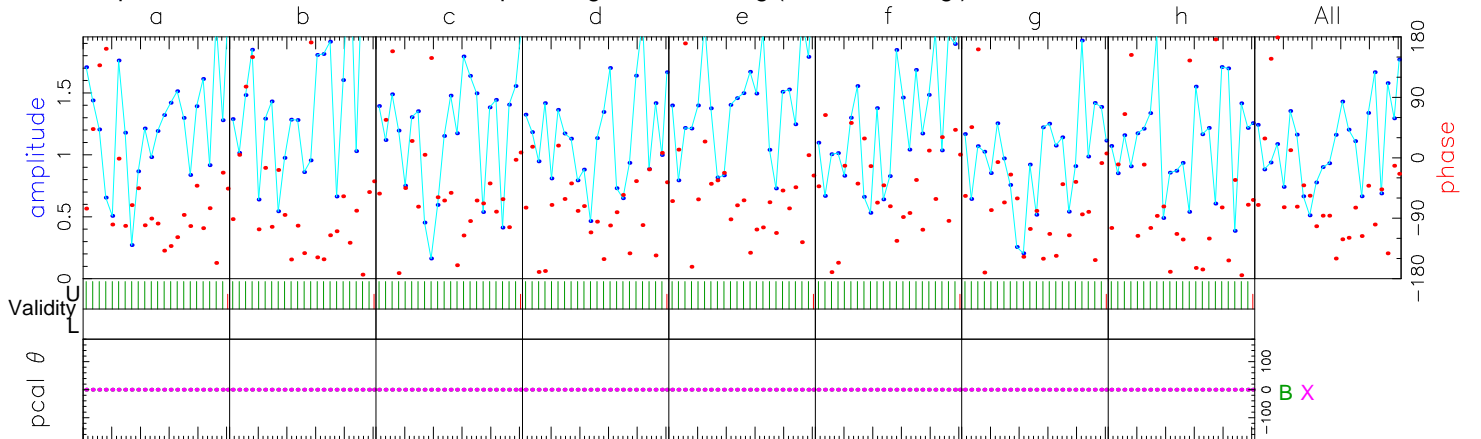
Fringe quality 5

SNR 30.8  
 Int time 299.956  
 Amp 0.651  
 Phase -83.2  
 PFD 0.0e+00  
 Delays (us)  
 SBD -0.016939  
 MBD -0.000703  
 Fringe rate (Hz)  
 0.012385  
 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 122000.03  
 FRT 121730.00  
 Corr/FF/build  
 2021:112:143544  
 2021:112:144113  
 2021:057:122453  
 RA & Dec (J2000)  
 04h23m15.800724s  
 --1°20'33.065613"

Amp. and Phase vs. time for each freq., 23 segs, 26 APs / seg (13.31 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
	-90.1	-114.2	-66.4	-78.9	-69.4	-46.1	-83.5	-117.7	Phase	-83.2
	0.7	0.8	0.6	0.7	0.9	0.7	0.5	0.6	Ampl.	0.7
	252.5	252.7	252.6	252.0	253.2	253.2	251.8	252.6	Sbd box	252.7
U/L	586/0	586/0	586/0	586/0	586/0	586/0	586/0	586/0	APs used	
B	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
X	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
B:X	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
B:X	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	
X	1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
B	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Chan ids	
X	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL	Tracks	
									Tracks	
Group delay (usec)(sbd)	1.46759410274E+03		Apriori delay (usec)		1.46761043103E+03		Resid mbdelay (usec)		-7.03292E-04	+/- 3.5E-05
Sband delay (usec)	1.46759349178E+03		Apriori clock (usec)		-7.8382072E+01		Resid sbdelay (usec)		-1.69393E-02	+/- 2.8E-04
Phase delay (usec)	1.46761042835E+03		Apriori clockrate (us/s)		-7.2800002E-07		Resid phdelay (usec)		-2.68251E-06	+/- 1.2E-07
Delay rate (us/s)	1.29824533375E-01		Apriori rate (us/s)		1.29824389599E-01		Resid rate (us/s)		1.43776E-07	+/- 6.9E-10
Total phase (deg)	107.2		Apriori accel (us/s/s)		-8.04044487976E-06		Resid phase (deg)		-83.2	+/- 3.7

ph/seg (deg) 56.9 8.9 Search (2048X32) 0.634 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5  
 amp/seg (%) 82.2 15.6 Interp. 0.000 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -1.000 1.000  
 ph/frq (deg) 26.0 5.3 Inc. seg. avg. 1.065 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.008 0.008  
 amp/frq (%) 17.7 9.2 Inc. frq. avg. 0.693 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 X: az 157.1 el 29.2 pa -11.8 u,v (fr/asec) -752.150 -613.295 simultaneous interpolator  
 Control file: cf\_1234\_gmva Input file: /Exps/f211a/FRINGE/1234/No0002/BX..1N7ECY Output file: /Exps/f211a/FRINGE/1234/No0002/BX.W.24.1N7ECY