

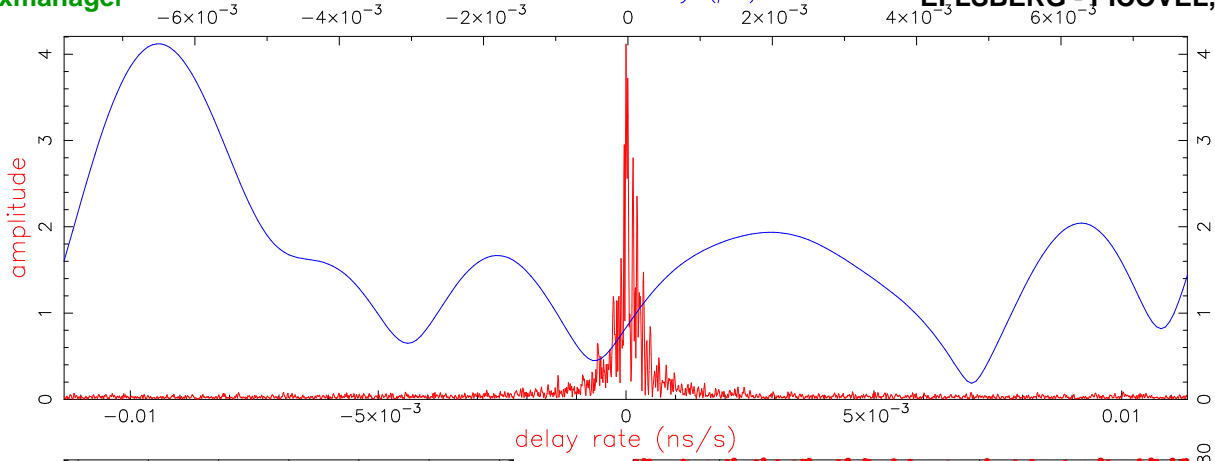
Mk4/DiFX fourfit 3.21 rev 2937

fxmanager

1156+295.1VK7WS, No0021, BP

EFLSBERG - PICOVEL, fgroup W, pol RR

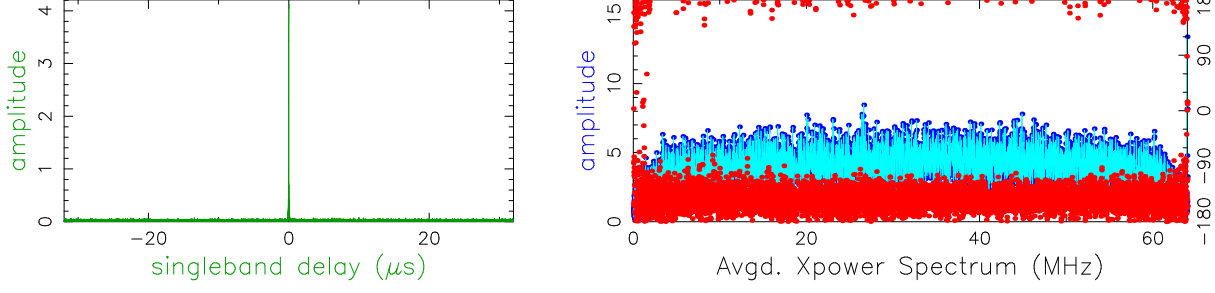
multiband delay ( $\mu$ s)



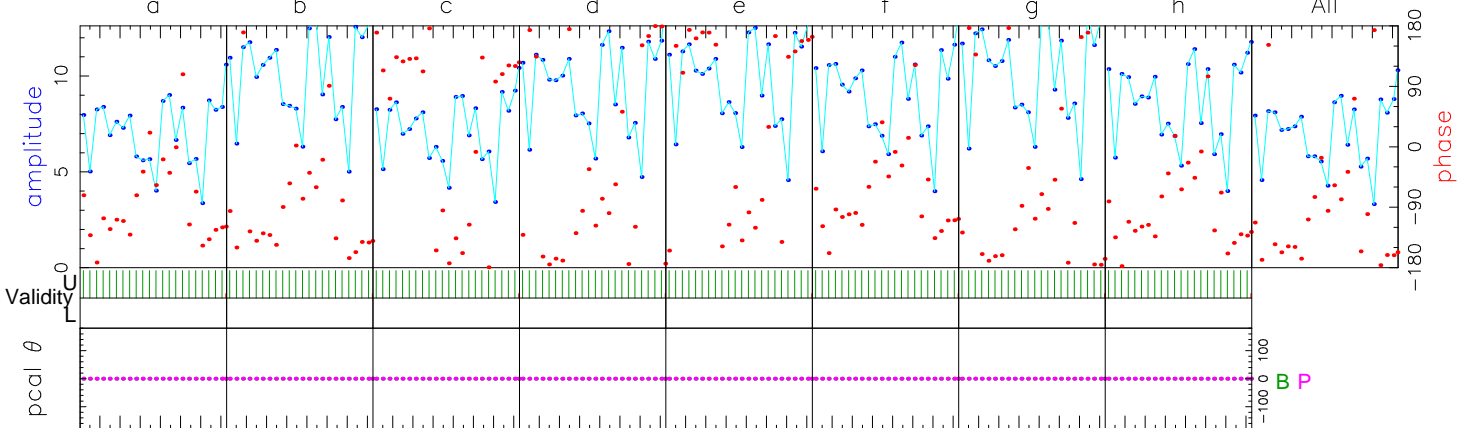
Fringe quality 2

SNR 235.7  
 Int time 419.793  
 Amp 4.207  
 Phase -135.1  
 PFD 0.0e+00  
 Delays (us)  
 SBD -0.005841  
 MBD -0.006555  
 Fringe rate (Hz) 0.000047  
 Ion TEC 0.000  
 Ref freq (MHz) 86140.0000  
 AP (sec) 0.512

Exp. f212a  
 Exper # 16383  
 Yr:day 2021:274  
 Start 090001.00  
 Stop 090700.84  
 FRT 090331.00  
 Corr/FF/build  
 2021:275:011005  
 2021:275:012258  
 2021:252:122852  
 RA & Dec (J2000)  
 11h59m31.833912s  
 +29°14'43.826900"



Amp. and Phase vs. time for each freq., 23 segs, 37 APs / seg (18.94 sec / seg.), time ticks 30 sec



	86012.00	86076.00	86140.00	86204.00	86268.00	86332.00	86396.00	86460.00	Freq (MHz)	All
	-97.0	-116.1	146.7	-154.4	-176.0	-84.1	-149.1	-103.0	Phase	-135.1
	4.1	6.0	4.3	5.6	5.8	5.4	6.1	5.0	Ampl.	5.3
	8189.8	8191.5	8191.9	8192.1	8192.9	8192.0	8192.3	8190.8	Sbd box	8191.5
U/L	820/0	820/0	820/0	820/0	820/0	820/0	820/0	820/0	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	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Chan ids	
P	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Tracks	
									Tracks	
Group delay (usec)(sbd)	4.82559614050E+02		Apriori delay (usec)		4.82566168706E+02		Resid mbdelay (usec)		-6.55466E-03	+/- 4.6E-06
Sband delay (usec)	4.82560327956E+02		Apriori clock (usec)		2.8409653E+00		Resid sbdelay (usec)		-5.84075E-03	+/- 3.7E-05
Phase delay (usec)	4.82566164350E+02		Apriori clockrate (us/s)		-3.8300000E-07		Resid phdelay (usec)		-4.35659E-06	+/- 1.6E-08
Delay rate (us/s)	-2.64208008677E-01		Apriori rate (us/s)		-2.64208009229E-01		Resid rate (us/s)		5.51258E-10	+/- 6.5E-11
Total phase (deg)	143.0		Apriori accel (us/s/s)		6.73386270425E-06		Resid phase (deg)		-135.1	+/- 0.5

ph/seg (deg) 59.6 1.2 Theor. Amplitude 4.207 +/- 0.018 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5  
 amp/seg (%) 75.7 2.0 Search (2048X32) 4.076 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -32.000 32.000  
 ph/frq (deg) 48.0 0.7 Interp. 0.000 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.008 0.008  
 amp/frq (%) 30.4 1.2 Inc. seg. avg. 6.941 Sample rate(MISamp/s): 128 dr window (ns/s) -0.011 0.011  
 B: az 124.9 el 60.0 pa -36.7 P: az 92.7 el 57.2 pa -65.9 u,v (fr/asec) 1741.229 1590.209 nlags: 8192 t\_cohere infinite ion window (TEC) 0.00 0.00  
 Control file: cf\_1234\_gmva Input file: /Exps/f212a/FRINGE/1234/No0021/BP..1VK7WS Output file: /Exps/f212a/FRINGE/1234/No0021/BP.W.12.1VK7WS simultaneous interpolator