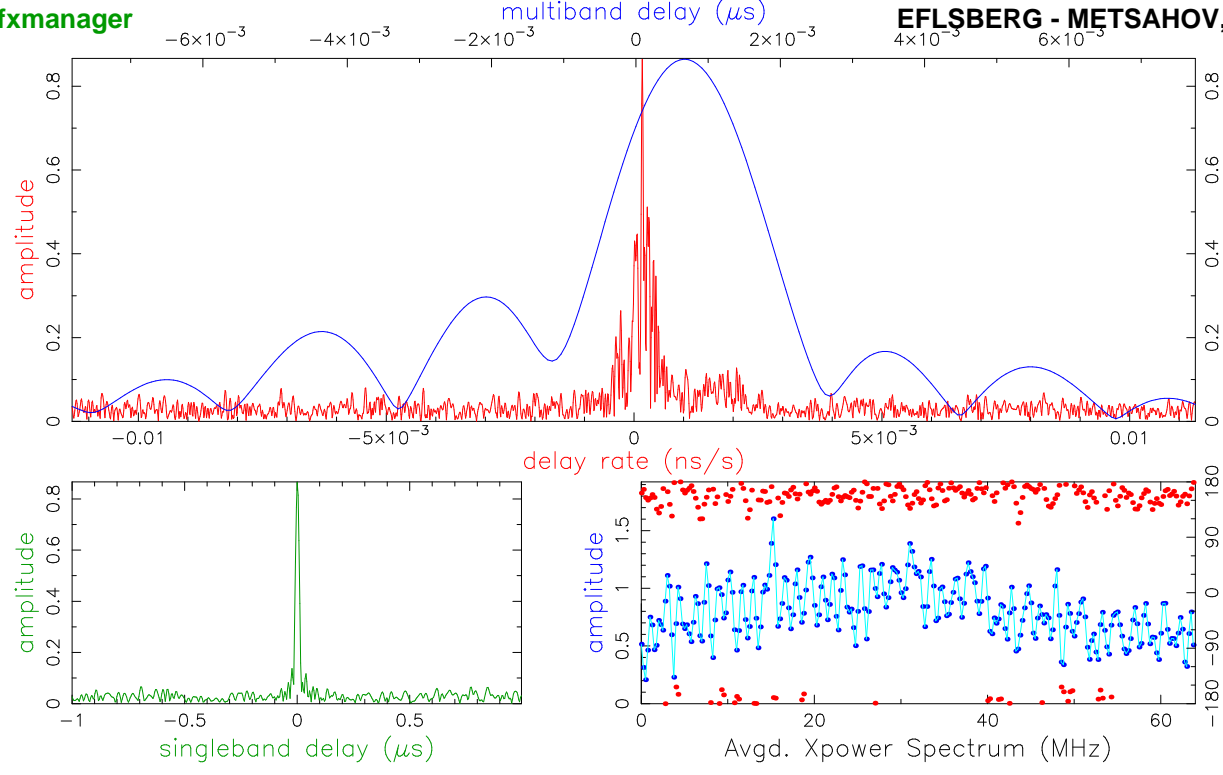


Mk4/DiFX fourfit 3.21 rev 2937

fxmanager

0420-014.1N7ECY, No0002, BZ

EFLSBERG - METSAHOV, fgroup W, pol RL

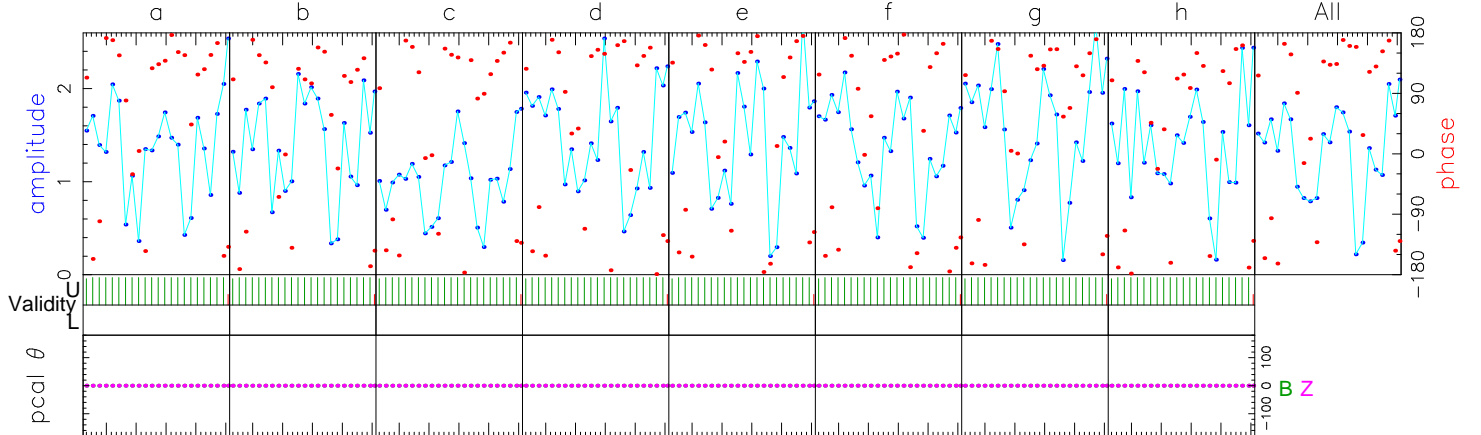


Fringe quality 6

SNR 40.1  
 Int time 285.838  
 Amp 0.867  
 Phase 161.1  
 PFD 0.0e+00  
 Delays (us)  
 SBD 0.000646  
 MBD 0.000691  
 Fringe rate (Hz) 0.014294  
 Ion TEC 0.000  
 Ref freq (MHz) 86140.0000  
 AP (sec) 0.512

Exp. f211a  
 Exper # 16383  
 Yr:day 2021:112  
 Start 121513.31  
 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, 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
	160.7	144.2	164.3	173.0	175.0	170.8	158.2	141.6	Phase	161.1
	0.9	0.9	0.7	0.9	1.0	0.9	1.1	0.8	Ampl.	0.9
	257.1	257.3	257.5	257.1	257.1	257.3	256.9	255.8	Sbd box	257.2
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	
Z	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
B:Z	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
B:Z	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	
Z	1000	1000	1000	1000	1000	1000	1000	1000		
B	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Chan ids	
Z	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL	Tracks	
									Chan ids	
									Tracks	
Group delay (usec)(sbd)	1.87638233554E+03		Apriori delay (usec)		1.87638164478E+03		Resid mbdelay (usec)		6.90751E-04 +/- 2.7E-05	
Sband delay (usec)	1.87638229028E+03		Apriori clock (usec)		-2.1345341E+01		Resid sbdelay (usec)		6.45500E-04 +/- 2.2E-04	
Phase delay (usec)	1.87638164998E+03		Apriori clockrate (us/s)		-2.1600000E-07		Resid phdelay (usec)		5.19487E-06 +/- 9.2E-08	
Delay rate (us/s)	3.14687591884E-01		Apriori rate (us/s)		3.14687425946E-01		Resid rate (us/s)		1.65939E-07 +/- 5.6E-10	
Total phase (deg)	118.5		Apriori accel (us/s/s)		-9.84544965231E-06		Resid phase (deg)		161.1 +/- 2.9	

ph/seg (deg) 67.8 6.9 Search (2048X32) 0.852 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5  
 amp/seg (%) 76.2 12.0 Interp. 0.000 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -1.000 1.000  
 ph/frq (deg) 13.6 4.0 Inc. seg. avg. 1.310 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.008 0.008  
 amp/frq (%) 13.1 7.1 Inc. frq. avg. 0.881 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 Z: az 171.6 el 28.2 pa -3.8 u,v (fr/asec) -1812.800 -839.180 simultaneous interpolator  
 Control file: cf\_1234\_gmva Input file: /Exps/f211a/FRINGE/1234/No0002/BZ..1N7ECY Output file: /Exps/f211a/FRINGE/1234/No0002/BZ.W.21.1N7ECY