

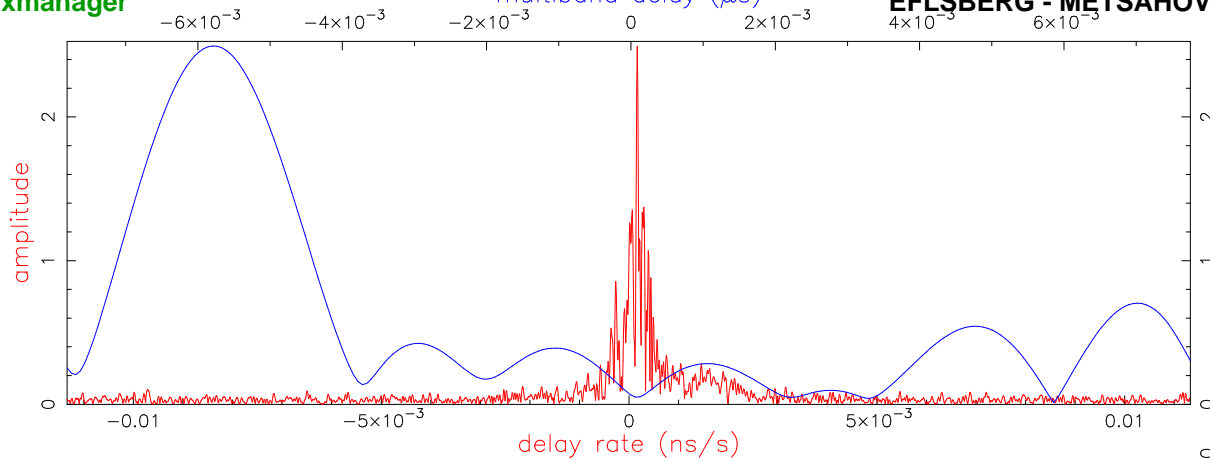
Mk4/DiFX fourfit 3.21 rev 2937

fxmanager

0420-014.1N7ECY, No0002, BZ

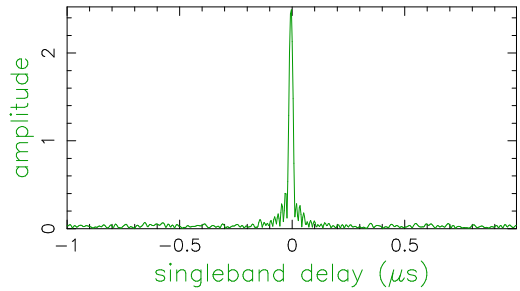
EFLSBERG - METSAHOV, fgroup W, pol RR

multiband delay (μ s)

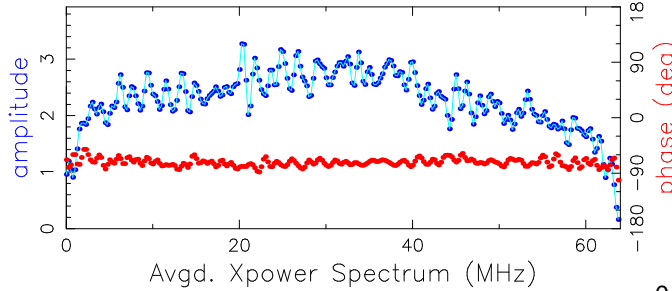


Fringe quality 5

SNR 116.8
 Int time 285.838
 Amp 2.526
 Phase -67.4
 PFD 0.0e+00
 Delays (us)
 SBD -0.005431
 MBD -0.005820
 Fringe rate (Hz)
 0.014351
 Ion TEC 0.000
 Ref freq (MHz)
 86140.0000
 AP (sec) 0.512

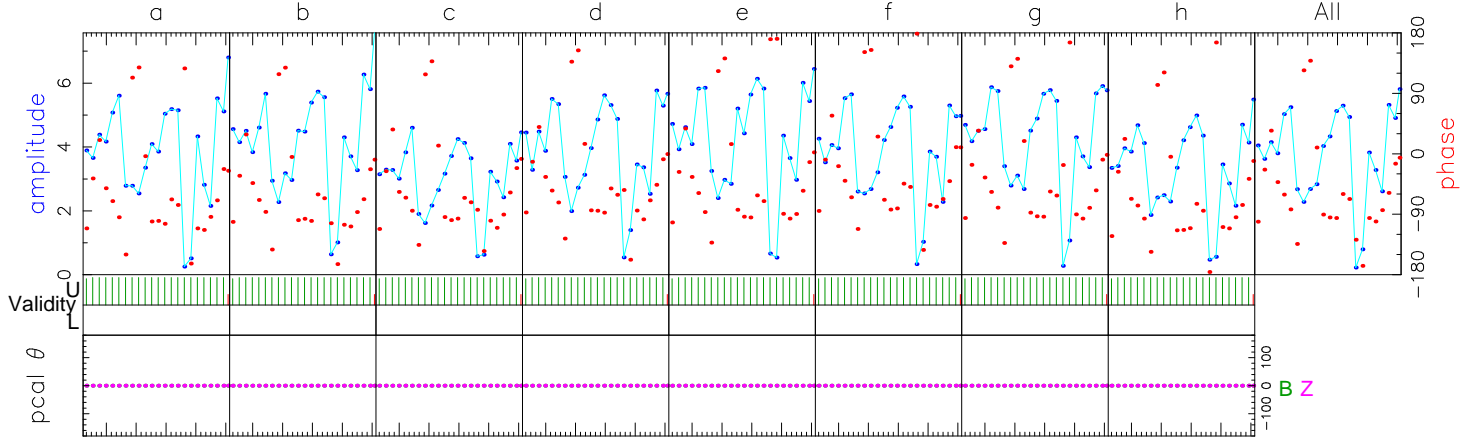


delay rate (ns/s)



Exp. f211a
 Exper # 16383
 Yr:day 2021:112
 Start 121513.31
 Stop 122000.03
 FRT 121730.00
 Corr/FF/build
 2021:112:143544
 2021:112:144107
 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
	-75.6	-71.9	-72.3	-59.3	-66.9	-50.4	-63.7	-82.5	Phase	-67.4
	2.5	2.8	2.0	2.6	2.8	2.5	2.8	2.1	Ampl.	2.5
	255.5	255.7	255.8	255.4	255.8	255.7	255.4	254.6	Sbd box	255.6
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	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Tracks	
									Tracks	
Group delay (usec)(sbd)	1.87637582513E+03		Apriori delay (usec)		1.87638164478E+03		Resid mbdelay (usec)		-5.81966E-03	+/- 9.3E-06
Sband delay (usec)	1.87637621353E+03		Apriori clock (usec)		-2.1345341E+01		Resid sbdelay (usec)		-5.43125E-03	+/- 7.4E-05
Phase delay (usec)	1.87638164261E+03		Apriori clockrate (us/s)		-2.1600000E-07		Resid phdelay (usec)		-2.17298E-06	+/- 3.2E-08
Delay rate (us/s)	3.14687592546E-01		Apriori rate (us/s)		3.14687425946E-01		Resid rate (us/s)		1.66600E-07	+/- 1.9E-10
Total phase (deg)	250.0		Apriori accel (us/s/s)		-9.84544965231E-06		Resid phase (deg)		-67.4	+/- 1.0

	RMS	Theor.	Amplitude	2.526 +/- 0.022	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5	sb window (us)	-1.000	1.000
ph/seg (deg)	66.5	2.4	Search (2048X32)	2.483	Pcal rate: 0.000E+00, 0.000E+00 (us/s)	SampCntNorm: enabled	mb window (us)	-0.008	0.008
amp/seg (%)	72.8	4.1	Inc. seg. avg.	3.719	Sample rate(MISamp/s): 128	nlags: 256	dr window (ns/s)	-0.011	0.011
ph/frq (deg)	10.9	1.4	Inc. frq. avg.	2.525	Data rate(Mb/s): 2048	t_cohere infinite	ion window (TEC)	0.00	0.00
amp/frq (%)	10.7	2.4							

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.9.1N7ECY