

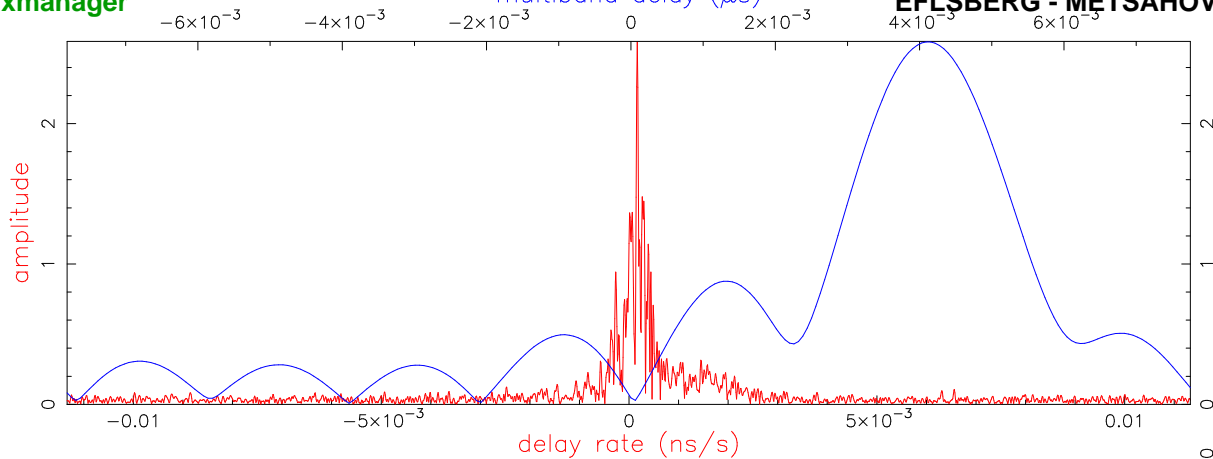
Mk4/DiFX fourfit 3.21 rev 2937

fxmanager

0420-014.1N7ECY, No0002, BZ

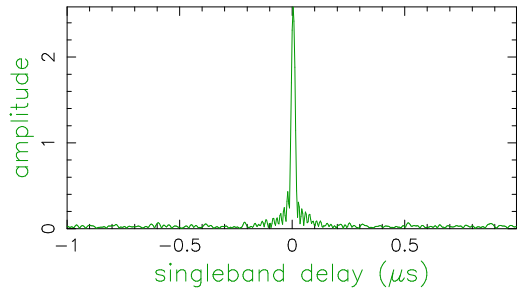
EFLSBERG - METSAHOV, fgroup W, pol LL

multiband delay (μ s)

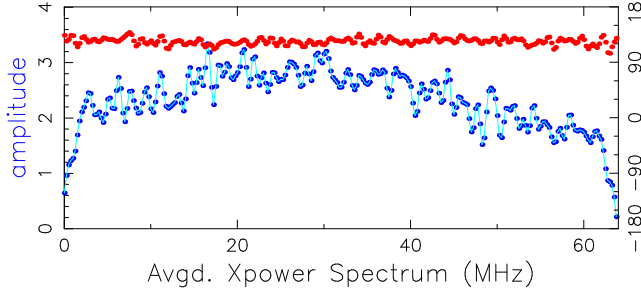


Fringe quality 4

SNR 119.5
 Int time 285.838
 Amp 2.586
 Phase 126.6
 PFD 0.0e+00
 Delays (us)
 SBD 0.004382
 MBD 0.004128
 Fringe rate (Hz) 0.014401
 Ion TEC 0.000
 Ref freq (MHz) 86140.0000
 AP (sec) 0.512

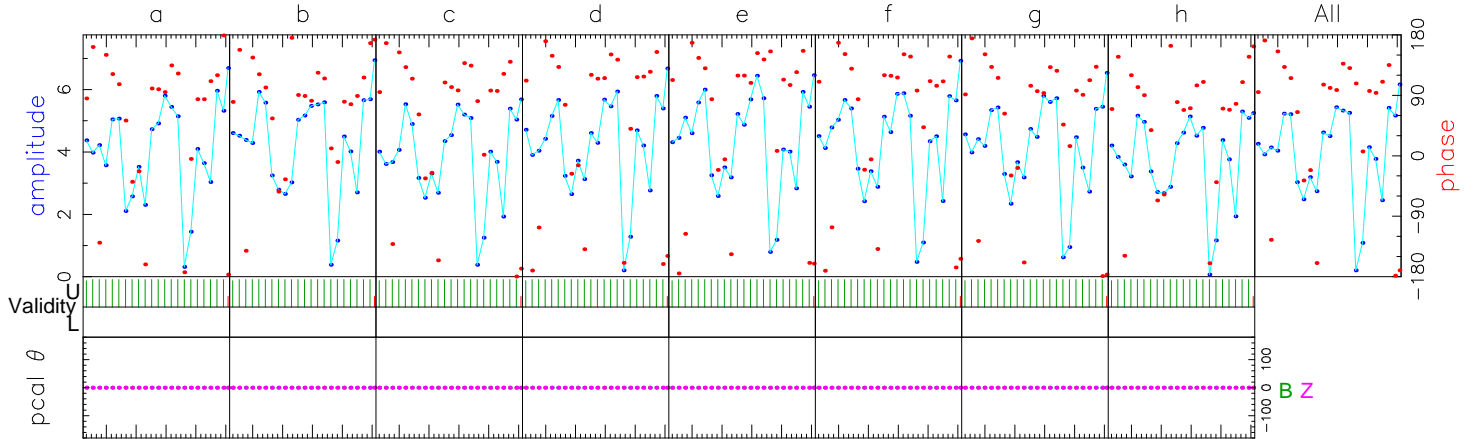


delay rate (ns/s)



Exp. f211a
 Exper # 16383
 Yr:day 2021:112
 Start 121513.31
 Stop 122000.03
 FRT 121730.00
 Corr/FF/build
 2021:112:143544
 2021:112:144104
 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
	118.9	112.4	127.0	143.4	143.2	141.5	123.6	98.0	Phase	126.6
	2.6	2.8	2.5	2.7	2.9	2.8	2.7	2.5	Ampl.	2.7
	258.3	258.0	258.4	258.2	258.0	258.0	257.7	257.5	Sbd box	258.1
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	
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	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL	Chan ids	
Z	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL	Tracks	

Group delay (usec)(sbd)	1.87638577250E+03	Apriori delay (usec)	1.87638164478E+03	Resid mbdelay (usec)	4.12772E-03	+/-	9.1E-06
Sband delay (usec)	1.87638602703E+03	Apriori clock (usec)	-2.1345341E+01	Resid sbdelay (usec)	4.38225E-03	+/-	7.2E-05
Phase delay (usec)	1.87638164887E+03	Apriori clockrate (us/s)	-2.1600000E-07	Resid phdelay (usec)	4.08138E-06	+/-	3.1E-08
Delay rate (us/s)	3.14687593123E-01	Apriori rate (us/s)	3.14687425946E-01	Resid rate (us/s)	1.67177E-07	+/-	1.9E-10
Total phase (deg)	84.0	Apriori accel (us/s/s)	-9.84544965231E-06	Resid phase (deg)	126.6	+/-	1.0

ph/seg (deg)	66.0	RMS	2.3	Theor.	2.534	Amplitude	2.586 +/- 0.022	Pcal mode:	MANUAL, MANUAL	PC period (AP's)	5, 5	
amp/seg (%)	75.7	Search (2048X32)	2.534	Interp.	0.000	Pcal rate:	0.000E+00, 0.000E+00 (us/s)	sb window (us)	-1.000	1.000		
ph/frq (deg)	17.6	Inc. seg. avg.	3.931	Inc. frq. avg.	2.674	Bits/sample:	2x2	SampCntNorm: enabled	mb window (us)	-0.008	0.008	
amp/frq (%)	6.5	Inc. frq. avg.	2.674	Sample rate (MSamp/s):	128	Data rate (Mb/s):	2048	nlags: 256	t_cohere infinite	dr window (ns/s)	-0.011	0.011
									ion window (TEC)	0.00	0.00	

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.3.1N7ECY