

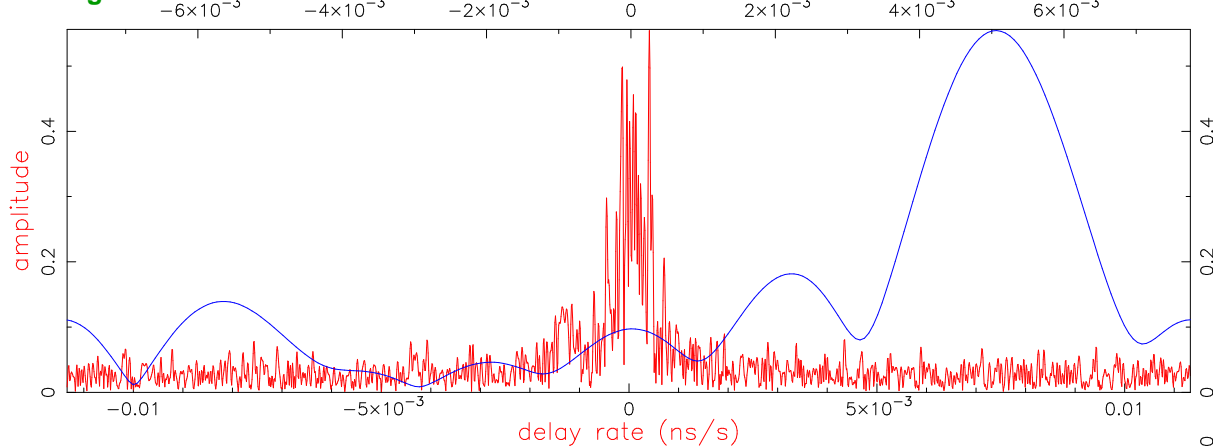
Mk4/DiFX fourfit 3.21 rev 2937

fxmanager

0420-014.1N7ECY, No0002, ZX

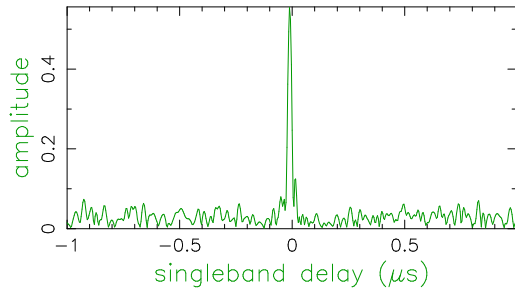
METSAHOV - ONSALA60, fgroup W, pol RL

multiband delay (μ s)

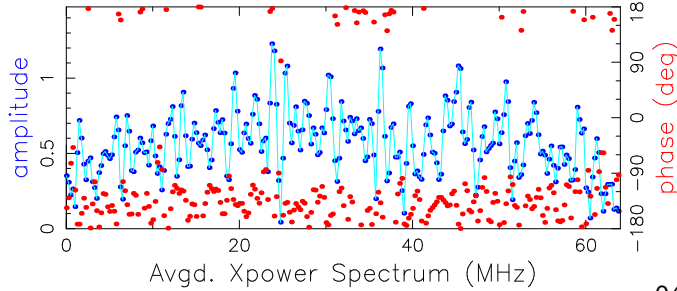


Fringe quality 7

SNR 25.7
 Int time 285.838
 Amp 0.556
 Phase 28.6
 PFD 0.0e+00
 Delays (us)
 SBD -0.011014
 MBD 0.005077
 Fringe rate (Hz)
 0.034960
 Ion TEC 0.000
 Ref freq (MHz)
 86140.0000
 AP (sec) 0.512

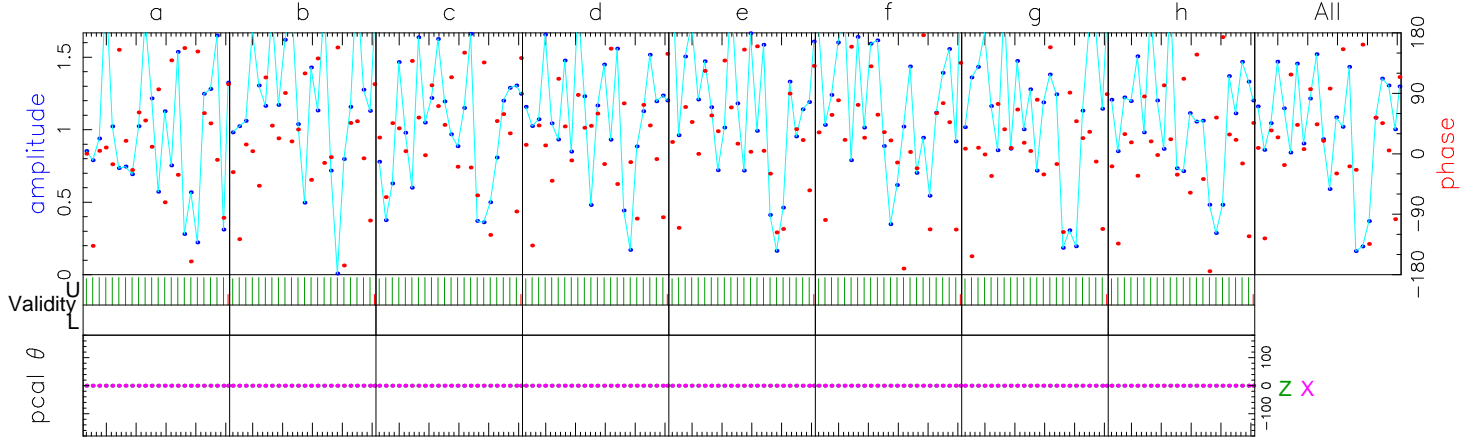


delay rate (ns/s)



Exp. f211a
 Exper # 16383
 Yr:day 2021:112
 Start 121513.31
 Stop 122000.03
 FRT 121730.00
 Corr/FF/build
 2021:112:143544
 2021:112:144113
 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
U/L	560/0	560/0	560/0	560/0	560/0	560/0	560/0	560/0		
Z	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
X	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
Z:X	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
Z:X	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	Mani PC	
Z	1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
X	1000	1000	1000	1000	1000	1000	1000	1000		
Z	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Chan ids	
X	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL	Tracks	

Group delay (usec)(sbd)	-4.08781761651E+02	Apriori delay (usec)	-4.08771213757E+02	Resid mbdelay (usec)	5.07711E-03	+/-	4.2E-05
Sband delay (usec)	-4.08782227757E+02	Apriori clock (usec)	-5.7036732E+01	Resid sbdelay (usec)	-1.10140E-02	+/-	3.4E-04
Phase delay (usec)	-4.08771212834E+02	Apriori clockrate (us/s)	-5.1200000E-07	Resid phdelay (usec)	9.22921E-07	+/-	1.4E-07
Delay rate (us/s)	-1.84862630499E-01	Apriori rate (us/s)	-1.84863036347E-01	Resid rate (us/s)	4.05848E-07	+/-	8.7E-10
Total phase (deg)	-98.5	Apriori accel (us/s/s)	1.80500477255E-06	Resid phase (deg)	28.6	+/-	4.5

ph/seg (deg)	77.3	Theor.	10.7	Amplitude	0.556 +/- 0.022	Pcal mode:	MANUAL, MANUAL	PC period (AP's)	5, 5		
amp/seg (%)	106.8		18.7	Search (2048X32)	0.542	Pcal rate:	0.000E+00, 0.000E+00 (us/s)	sb window (us)	-1.000 1.000		
ph/frq (deg)	18.2		6.3	Interp.	0.000	Bits/sample:	2x2	SampCntNorm: enabled	mb window (us)	-0.008 0.008	
amp/frq (%)	9.9		11.0	Inc. seg. avg.	0.996	Sample rate (MSamp/s):	128	dr window (ns/s)	-0.011 0.011		
				Inc. frq. avg.	0.573	Data rate (Mb/s):	2048	nlags: 256	t_cohere infinite	ion window (TEC)	0.00 0.00

Z: az 171.6 el 28.2 pa -3.8 X: az 157.1 el 29.2 pa -11.8 u,v (fr/asec) 1060.650 225.885 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/f211a/FRINGE/1234/No0002/ZX..1N7ECY Output file: /Exps/f211a/FRINGE/1234/No0002/ZX.W.22.1N7ECY