

Mk4/DiFX fourfit 3.21 rev 2937

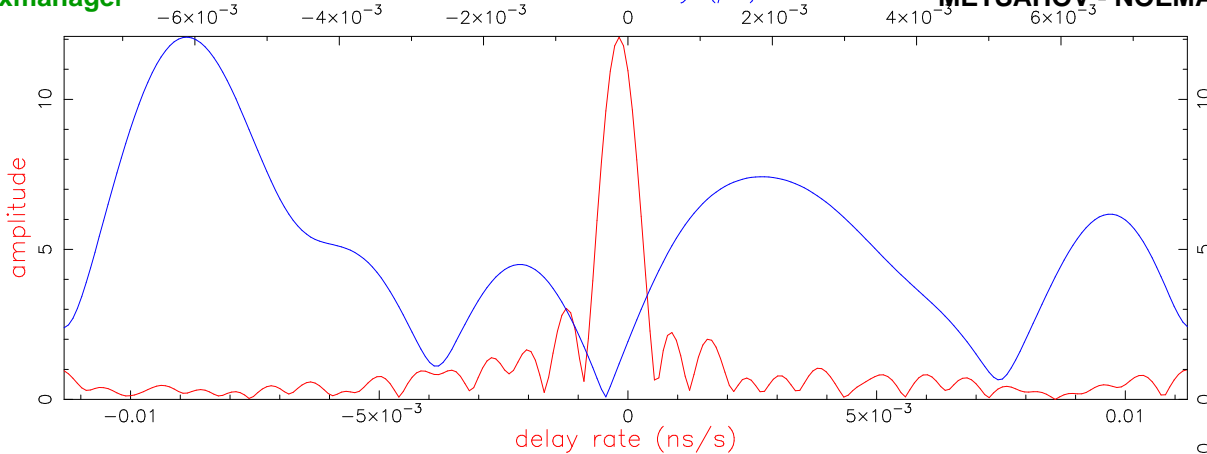
fxmanager

0420-014.1N7VBA, No0002, ZN

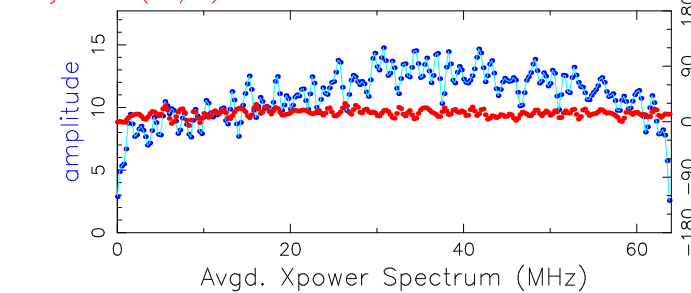
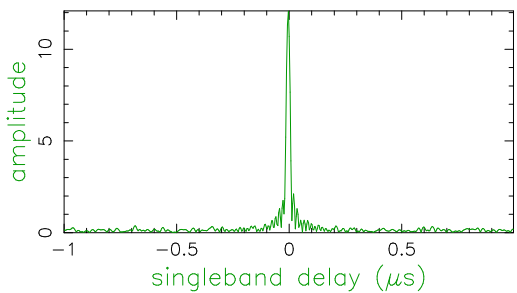
METSAHOV - NOEMA, fgroup W, pol LL

multiband delay ( $\mu$ s)

Fringe quality 6

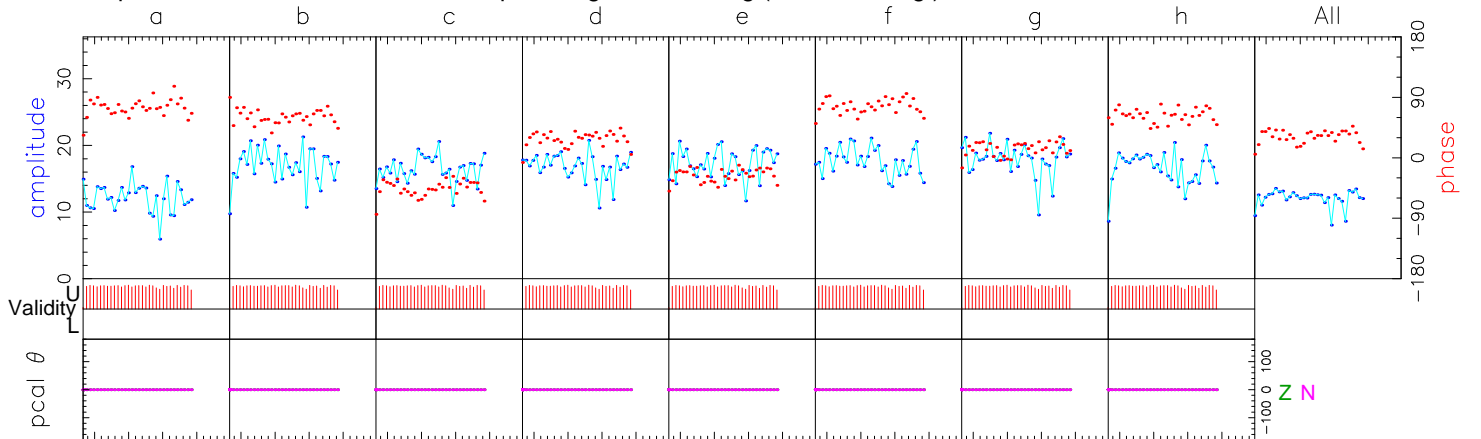


SNR 119.9  
 Int time 13.131  
 Amp 12.098  
 Phase 32.3  
 PFD 0.0e+00  
 Delays (us)  
 SBD -0.004501  
 MBD -0.006129  
 Fringe rate (Hz)  
 -0.014619  
 Ion TEC 0.000  
 Ref freq (MHz)  
 86140.0000  
 AP (sec) 0.512



Exp. f211a  
 Exper # 16383  
 Yr:day 2021:112  
 Start 121513.31  
 Stop 121534.82  
 FRT 121730.00  
 Corr/FF/build  
 2021:112:203843  
 2021:112:204715  
 2021:057:122453  
 RA & Dec (J2000)  
 04h23m15.800724s  
 --1°20'33.065613"

Amp. and Phase vs. time for each freq., 42 segs, 1 APs / seg (0.51 sec / seg.), time ticks 1 sec



	86012.00	86076.00	86140.00	86204.00	86268.00	86332.00	86396.00	86460.00	Freq (MHz)	All
U/L	32/0	32/0	32/0	32/0	32/0	32/0	32/0	32/0		
Z	1000	1000	1000	1000	1000	1000	1000	1000		
N	1000	1000	1000	1000	1000	1000	1000	1000		
Z:N	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0		
Z:N	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0		
Z	1000	1000	1000	1000	1000	1000	1000	1000		
N	1000	1000	1000	1000	1000	1000	1000	1000		
Z	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL		
N	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL		

Group delay (usec)(sbd)	-3.28756396691E+03	Apriori delay (usec)	-3.28755783787E+03	Resid mbdelay (usec)	-6.12904E-03	+/-	9.1E-06
Sband delay (usec)	-3.28756233862E+03	Apriori clock (usec)	1.2610066E+01	Resid sbdelay (usec)	-4.50075E-03	+/-	7.2E-05
Phase delay (usec)	-3.28755783683E+03	Apriori clockrate (us/s)	2.1291500E-07	Resid phdelay (usec)	1.04162E-06	+/-	3.1E-08
Delay rate (us/s)	-3.79882411300E-01	Apriori rate (us/s)	-3.79882241586E-01	Resid rate (us/s)	-1.69714E-07	+/-	3.3E-09
Total phase (deg)	-23.1	Apriori accel (us/s/s)	1.71262790755E-05	Resid phase (deg)	32.3	+/-	1.0

ph/seg (deg)	8.6	Theor.	2.7	Amplitude	12.098 +/- 0.101	Pcal mode:	MANUAL, MANUAL	PC period (AP's)	5, 5		
amp/seg (%)	9.3		4.7	Search (128X32)	11.804	Pcal rate:	0.000E+00, 0.000E+00 (us/s)	sb window (us)	-1.000 1.000		
ph/frq (deg)	50.5		1.4	Interp.	0.000	Bits/sample:	2x2	SampCntNorm: enabled	mb window (us)	-0.008 0.008	
amp/frq (%)	38.1		2.4	Inc. seg. avg.	12.192	Sample rate (MSamp/s):	128	dr window (ns/s)	-0.011 0.011		
Z: az 171.6 el 28.2 pa -3.8		N: az 146.0 el 38.6 pa -23.0		Inc. frq. avg.	16.367	Data rate (Mb/s):	2048	nlags: 256	t_cohere infinite	ion window (TEC)	0.00 0.00
Control file: cf_1234_gmva		Input file: /Exps/f211a/FRINGE/1234/No0002/ZN..1N7VBA		u,v (fr/asec)	2193.857 1440.006					simultaneous interpolator	
						Output file: /Exps/f211a/FRINGE/1234/No0002/ZN.W.3.1N7VBA					