

Mk4/DiFX fourfit 3.21 rev 2937

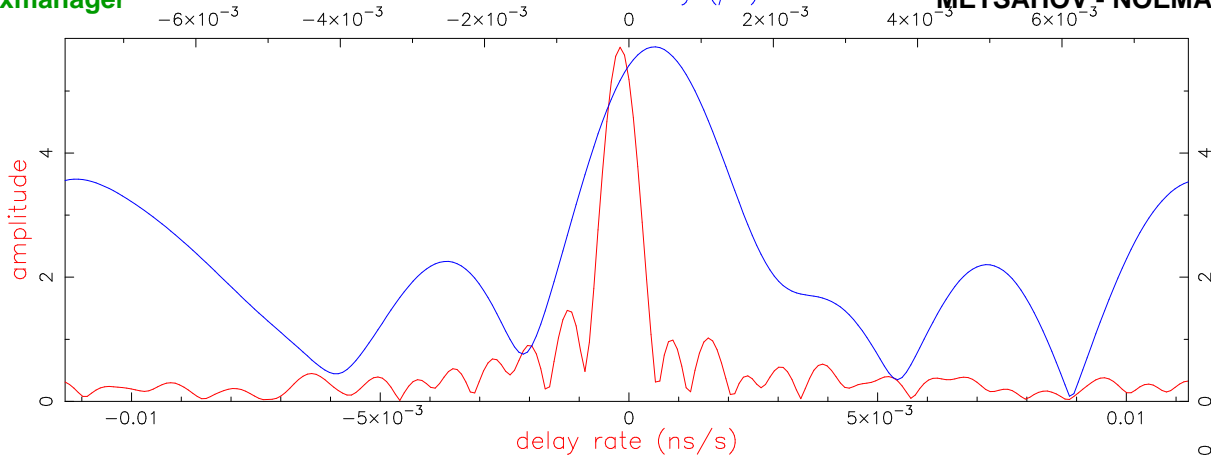
fxmanager

0420-014.1N7VBA, No0002, ZN

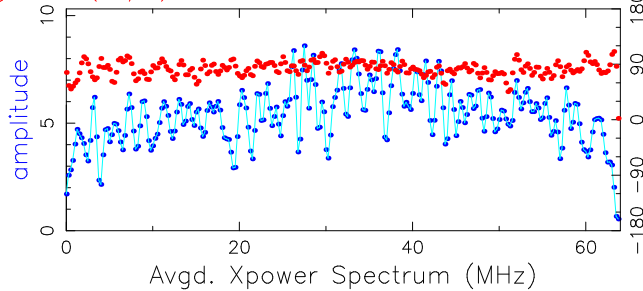
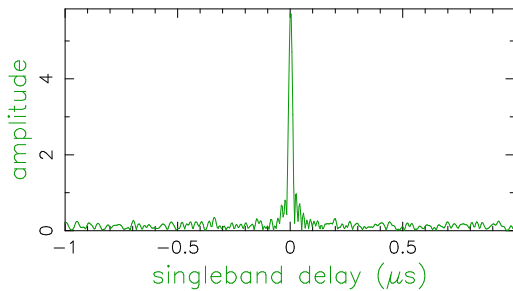
METSAHOV - NOEMA, fgroup W, pol RL

multiband delay (μ s)

Fringe quality 6

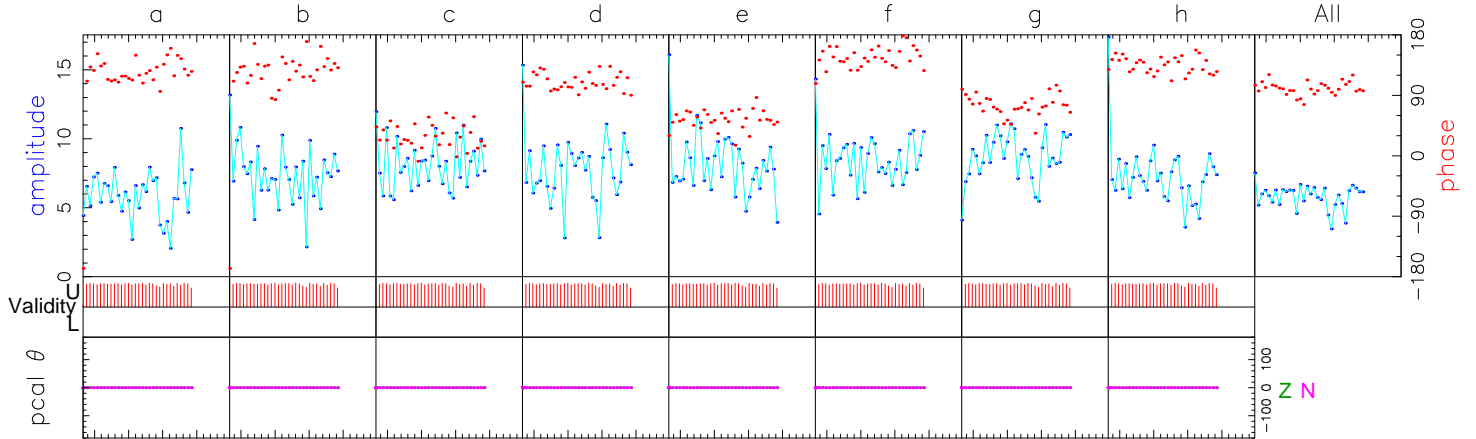


SNR 57.9
 Int time 13.131
 Amp 5.846
 Phase 100.4
 PFD 0.0e+00
 Delays (us)
 SBD 0.001862
 MBD 0.000311
 Fringe rate (Hz)
 -0.014597
 Ion TEC 0.000
 Ref freq (MHz)
 86140.0000
 AP (sec) 0.512



Exp. f211a
 Exper # 16383
 Yr:day 2021:112
 Start 121513.31
 Stop 121534.82
 FRT 121730.00
 Corr/FF/build
 2021:112:203843
 2021:112:204716
 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	PC freqs	
N	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
Z:N	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
Z:N	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	
N	1000	1000	1000	1000	1000	1000	1000	1000		
Z	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Chan ids	
N	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL	Tracks	

Group delay (usec)(sbd) -3.28755752694E+03 Apriori delay (usec) -3.28755783787E+03 Resid mbdelay (usec) 3.10926E-04 +/- 1.9E-05
 Sband delay (usec) -3.28755597562E+03 Apriori clock (usec) 1.2610066E+01 Resid sbdelay (usec) 1.86225E-03 +/- 1.5E-04
 Phase delay (usec) -3.28755783463E+03 Apriori clockrate (us/s) 2.1291500E-07 Resid phdelay (usec) 3.23794E-06 +/- 6.4E-08
 Delay rate (us/s) -3.79882411039E-01 Apriori rate (us/s) -3.79882241586E-01 Resid rate (us/s) -1.69453E-07 +/- 6.7E-09
 Total phase (deg) 45.0 Apriori accel (us/s/s) 1.71262790755E-05 Resid phase (deg) 100.4 +/- 2.0

RMS Theor. Amplitude 5.846 +/- 0.101 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5
 ph/seg (deg) 9.8 5.6 Search (128X32) 5.677 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -1.000 1.000
 amp/seg (%) 13.1 9.8 Interp. 0.000 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.008 0.008
 ph/frq (deg) 46.0 2.8 Inc. seg. avg. 5.754 Sample rate(MISamp/s): 128 dr window (ns/s) -0.011 0.011
 amp/frq (%) 30.0 4.9 Inc. frq. avg. 7.395 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 N: az 146.0 el 38.6 pa -23.0 u,v (fr/asec) 2193.857 1440.006 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/f211a/FRINGE/1234/No0002/ZN..1N7VBA Output file: /Exps/f211a/FRINGE/1234/No0002/ZN.W.13.1N7VBA