

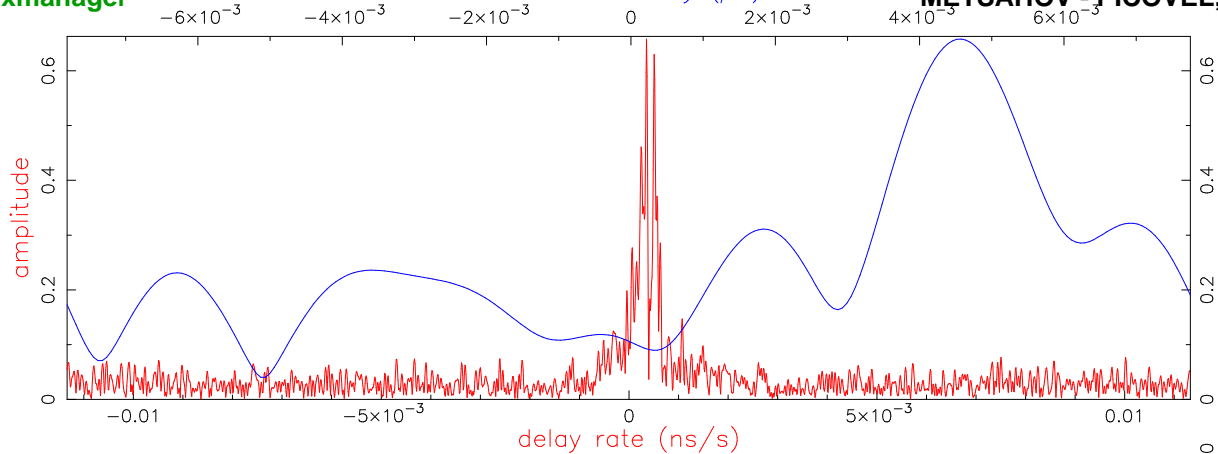
Mk4/DiFX fourfit 3.21 rev 2937

fxmanager

0420-014.1N7NOX, No0009, ZP

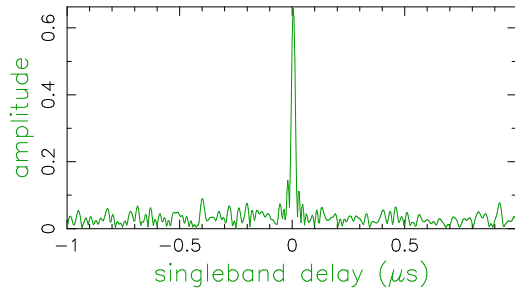
ME TSAHOV - PICOVEL, fgroup W, pol RL

multiband delay (μ s)

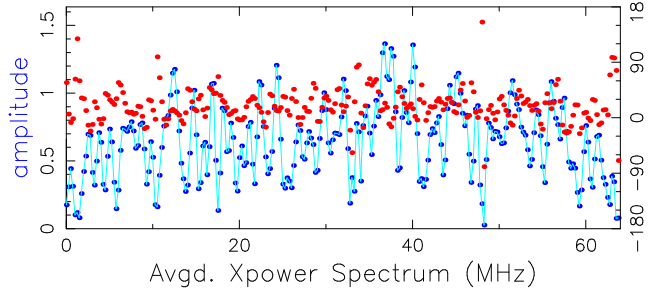


Fringe quality 4

SNR 28.5
 Int time 247.664
 Amp 0.663
 Phase 23.1
 PFD 0.0e+00
 Delays (us)
 SBD 0.005027
 MBD 0.004584
 Fringe rate (Hz) 0.030959
 Ion TEC 0.000
 Ref freq (MHz) 86140.0000
 AP (sec) 0.512

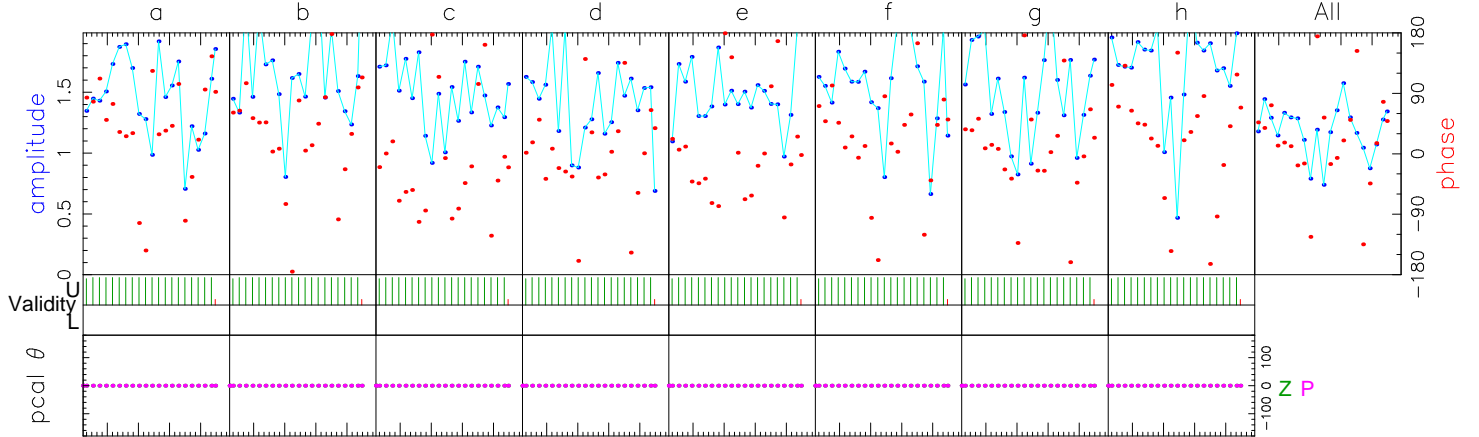


delay rate (ns/s)



Exp. f211a
 Exper # 16383
 Yr:day 2021:112
 Start 140013.31
 Stop 140446.72
 FRT 140230.00
 Corr/FF/build
 2021:112:180055
 2021:112:180252
 2021:057:122453
 RA & Dec (J2000)
 04h23m15.800724s
 --1°20'33.065613"

Amp. and Phase vs. time for each freq., 23 segs, 24 APs / seg (12.29 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
	59.9	51.2	-46.5	0.9	-24.4	39.2	14.4	55.7	Phase	23.1
	0.8	0.9	0.7	0.8	0.7	0.8	0.8	0.9	Ampl.	0.8
	256.7	258.3	258.2	259.0	259.2	258.9	259.3	258.2	Sbd box	258.3
U/L	485/0	485/0	485/0	485/0	485/0	485/0	485/0	485/0	APs used	
Z	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
P	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
Z:P	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
Z:P	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	
P	1000	1000	1000	1000	1000	1000	1000	1000		
Z	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Chan ids	
P	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL	Tracks	

Group delay (usec)(sbd) -6.99601257521E+03 Apriori delay (usec) -6.99601715954E+03 Resid mbdelay (usec) 4.58433E-03 +/- 3.8E-05
 Sband delay (usec) -6.99601213204E+03 Apriori clock (usec) 1.5370083E-01 Resid sbdelay (usec) 5.02750E-03 +/- 3.0E-04
 Phase delay (usec) -6.99601715880E+03 Apriori clockrate (us/s) 2.1600000E-07 Resid phdelay (usec) 7.46500E-07 +/- 1.3E-07
 Delay rate (us/s) -4.33959895311E-01 Apriori rate (us/s) -4.33960254709E-01 Resid rate (us/s) 3.59398E-07 +/- 9.0E-10
 Total phase (deg) -21.1 Apriori accel (us/s/s) 3.65247634835E-05 Resid phase (deg) 23.1 +/- 4.0

RMS Theor. Amplitude 0.663 +/- 0.023 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5
 ph/seg (deg) 72.0 9.2 Search (2048X32) 0.638 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -1.000 1.000
 amp/seg (%) 84.1 16.0 Interp. 0.000 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.008 0.008
 ph/frq (deg) 43.1 5.7 Inc. seg. avg. 1.167 Sample rate(MISamp/s): 128 dr window (ns/s) -0.011 0.011
 amp/frq (%) 23.9 9.9 Inc. frq. avg. 0.803 Data rate(Mb/s): 2048 nlags: 256 t_cohere infinite ion window (TEC) 0.00 0.00

Z: az 201.6 el 26.7 pa 10.9 P: az 166.3 el 50.8 pa -10.4 u,v (fr/asec) 2512.887 2290.943 simultaneous interpolator
 Control file: cf_1234_gmva Input file: /Exps/f211a/FRINGE/1234/No0009/ZP..1N7NOX Output file: /Exps/f211a/FRINGE/1234/No0009/ZP.W.36.1N7NOX