

Mk4/DiFX fourfit 3.21 rev 2937

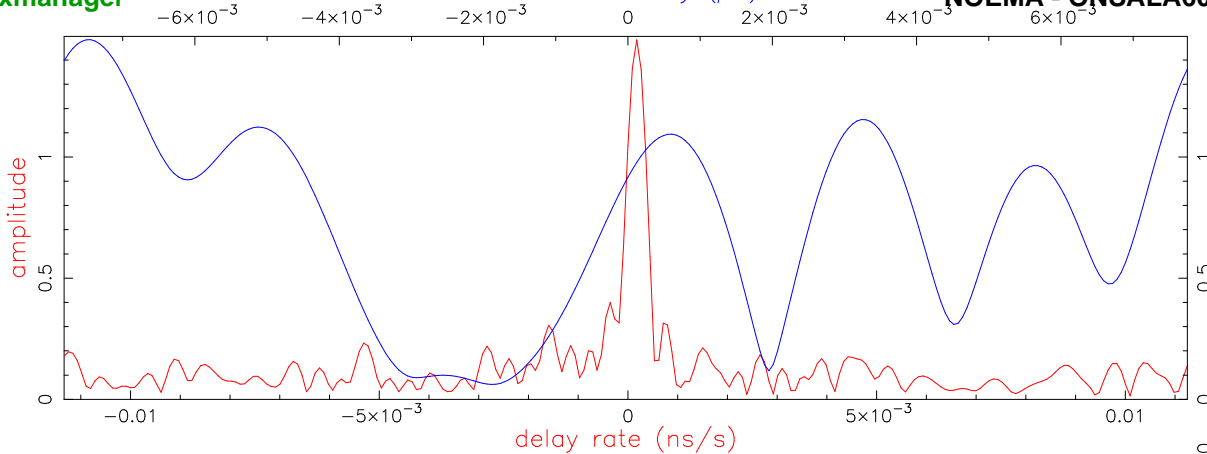
fxmanager

0420-014.1N7VBA, No0002, NX

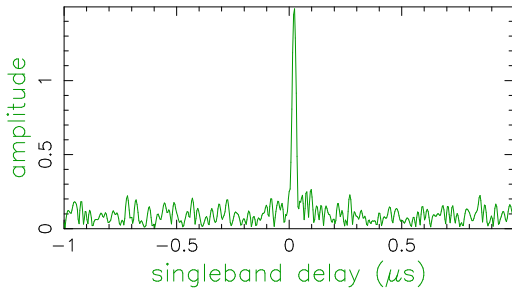
NOEMA - ONSALA60, fgroup W, pol LR

multiband delay (μ s)

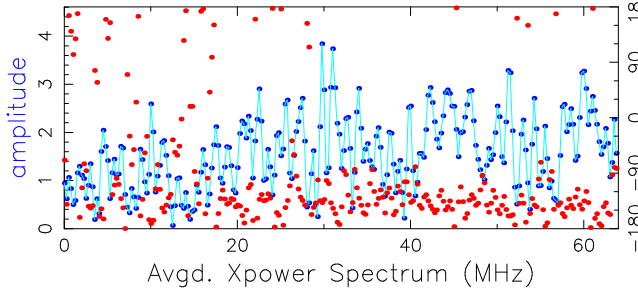
Fringe quality 7



SNR 21.2
 Int time 26.775
 Amp 1.498
 Phase -161.7
 PFD 0.0e+00
 Delays (us)
 SBD 0.022132
 MBD -0.007499
 Fringe rate (Hz) 0.017527
 Ion TEC 0.000
 Ref freq (MHz) 86140.0000
 AP (sec) 0.512

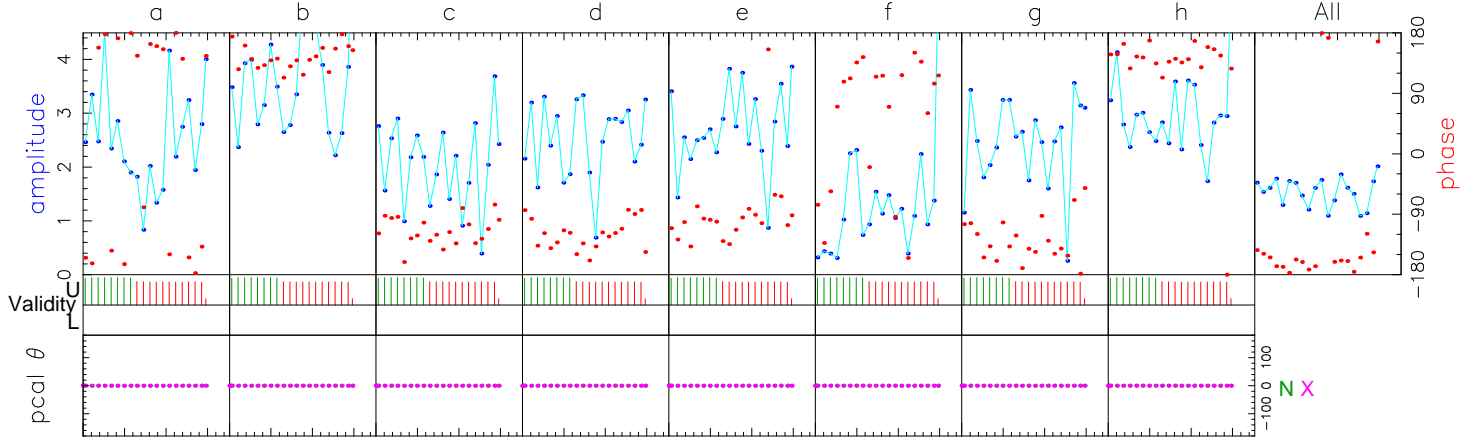


delay rate (ns/s)



Exp. f211a
 Exper # 16383
 Yr:day 2021:112
 Start 121500.00
 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., 23 segs, 3 APs / seg (1.54 sec / seg.), time ticks 2 sec



	86012.00	86076.00	86140.00	86204.00	86268.00	86332.00	86396.00	86460.00	Freq (MHz)	All
	-174.9	142.5	-112.6	-117.9	-101.8	118.7	-128.7	146.4	Phase	-161.7
	2.3	3.4	1.9	2.3	2.4	0.8	2.1	2.8	Ampl.	2.2
	263.9	262.3	262.3	262.1	261.4	259.9	261.5	261.9	Sbd box	262.7
U/L	58/0	58/0	58/0	58/0	58/0	58/0	58/0	58/0	APs used	
N	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
X	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
N:X	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
N:X	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	Mani PC	
N	1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
X	1000	1000	1000	1000	1000	1000	1000	1000		
N	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL	Chan ids	
X	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Tracks	

Group delay (usec)(sbd)	2.87881037548E+03	Apriori delay (usec)	2.87878662411E+03	Resid mbdelay (usec)	-7.49863E-03	+/-	5.1E-05
Sband delay (usec)	2.87880875561E+03	Apriori clock (usec)	-6.9646797E+01	Resid sbdelay (usec)	2.21315E-02	+/-	4.1E-04
Phase delay (usec)	2.87878661890E+03	Apriori clockrate (us/s)	-7.2491503E-07	Resid phdelay (usec)	-5.21343E-06	+/-	1.7E-07
Delay rate (us/s)	1.95019408708E-01	Apriori rate (us/s)	1.95019205239E-01	Resid rate (us/s)	2.03469E-07	+/-	1.0E-08
Total phase (deg)	126.6	Apriori accel (us/s/s)	-1.53212743029E-05	Resid phase (deg)	-161.7	+/-	5.4

ph/seg (deg)	15.2	Theor.	12.0	Search (256X32)	1.452	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5	sb window (us)	-1.000	1.000
amp/seg (%)	16.4		20.9	Interp.	0.000	Pcal rate: 0.000E+00, 0.000E+00 (us/s)	SampCntNorm: enabled	mb window (us)	-0.008	0.008
ph/frq (deg)	59.6		7.6	Inc. seg. avg.	1.494	Bits/sample: 2x2	Sample rate(MISamp/s): 128	dr window (ns/s)	-0.011	0.011
amp/frq (%)	68.5		13.3	Inc. frq. avg.	2.228	Data rate(Mb/s): 2048	nlags: 256 t_cohere infinite	ion window (TEC)	0.00	0.00

N: az 146.0 el 38.6 pa -23.0 X: az 157.1 el 29.2 pa -11.7 u,v (fr/asec) -1133.207 -1214.121 simultaneous interpolator
 Control file: cf_1234_gmva Input file: /Exps/f211a/FRINGE/1234/No0002/NX..1N7VBA Output file: /Exps/f211a/FRINGE/1234/No0002/NX.W.11.1N7VBA