

Mk4/DiFX fourfit 3.21 rev 2937

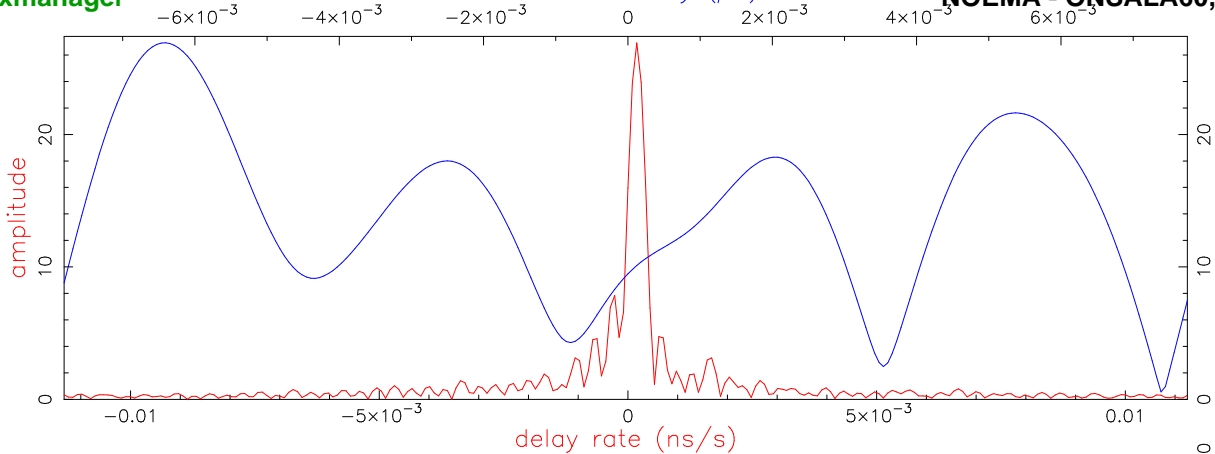
fxmanager

0420-014.1N7VBA, No0002, NX

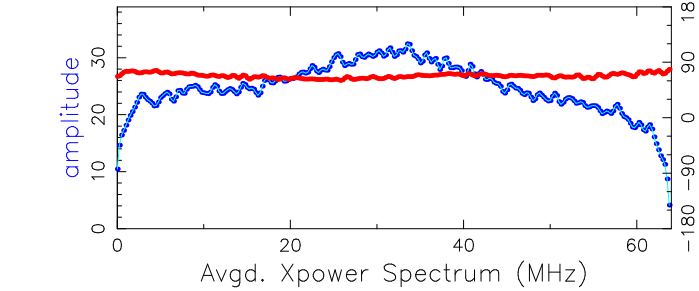
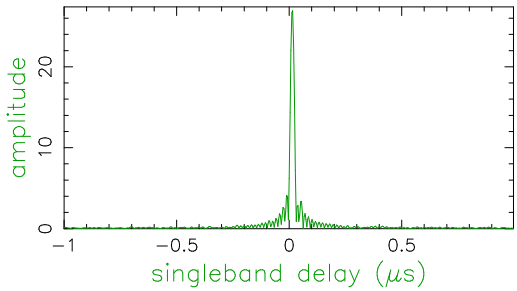
NOEMA - ONSALA60, fgroup W, pol RR

multiband delay ( $\mu$ s)

Fringe quality 5

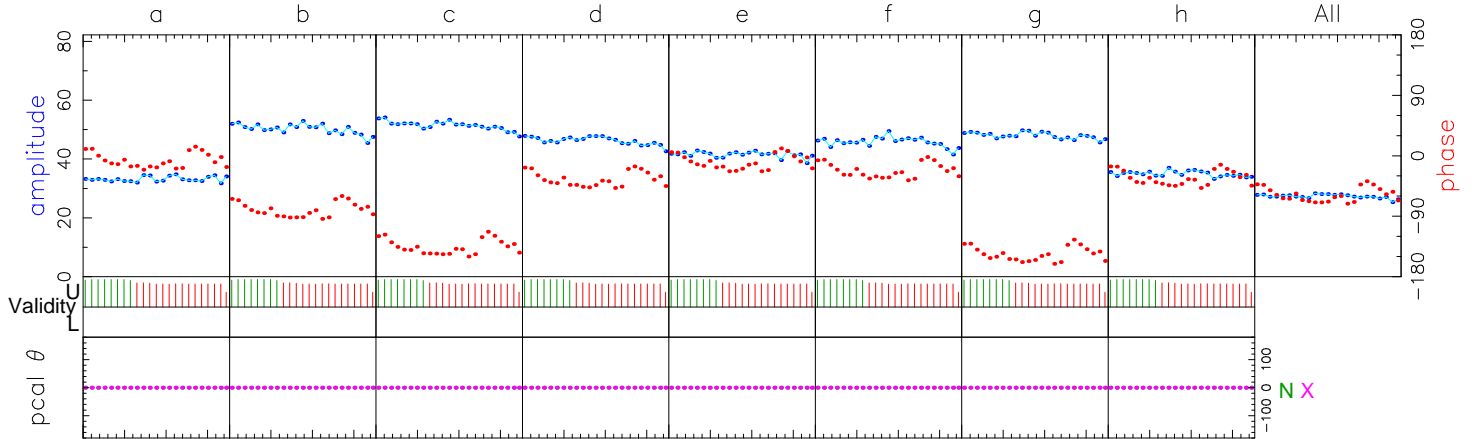


SNR 418.4  
 Int time 31.176  
 Amp 27.405  
 Phase -57.7  
 PFD 0.0e+00  
 Delays (us)  
 SBD 0.013857  
 MBD -0.006446  
 Fringe rate (Hz)  
 0.018752  
 Ion TEC 0.000  
 Ref freq (MHz)  
 86140.0000  
 AP (sec) 0.512



Exp. f211a  
 Exper # 16383  
 Yr:day 2021:112  
 Start 121500.00  
 Stop 121534.82  
 FRT 121730.00  
 Corr/FF/build  
 2021:112:203843  
 2021:112:204715  
 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
	-6.5	-79.9	-135.0	-34.5	-8.9	-21.7	-145.9	-32.6	Phase	-57.7
	32.6	49.5	50.6	45.6	40.9	45.1	47.3	34.4	Ampl.	43.2
	262.4	261.1	260.6	260.2	259.8	260.3	260.3	260.6	Sbd box	260.5
U/L	68/0	68/0	68/0	68/0	68/0	68/0	68/0	68/0	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	PC amp	
N	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Chan ids	
X	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Tracks	

Group delay (usec)(sbd)	2.87879580351E+03	Apriori delay (usec)	2.87878662411E+03	Resid mbdelay (usec)	-6.44560E-03	+/-	2.6E-06
Sband delay (usec)	2.87880048086E+03	Apriori clock (usec)	-6.9646797E+01	Resid sbdelay (usec)	1.38567E-02	+/-	2.1E-05
Phase delay (usec)	2.87878662225E+03	Apriori clockrate (us/s)	-7.2491503E-07	Resid phdelay (usec)	-1.86121E-06	+/-	8.8E-09
Delay rate (us/s)	1.95019422936E-01	Apriori rate (us/s)	1.95019205239E-01	Resid rate (us/s)	2.17697E-07	+/-	4.4E-10
Total phase (deg)	230.6	Apriori accel (us/s/s)	-1.53212743029E-05	Resid phase (deg)	-57.7	+/-	0.3

ph/seg (deg) 10.2 0.7  
 amp/seg (%) 2.3 1.1  
 ph/frq (deg) 60.2 0.4  
 amp/frq (%) 62.2 0.7

RMS Theor. Amplitude 27.405 +/- 0.066  
 Search (256X32) 26.155  
 Interp. 0.000  
 Inc. seg. avg. 27.351  
 Inc. frq. avg. 43.248

pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5  
 Pcal rate: 0.000E+00, 0.000E+00 (us/s)  
 Bits/sample: 2x2 SampCntNorm: enabled  
 Sample rate(MISamp/s): 128  
 Data rate(Mb/s): 2048 nlags: 256 t\_cohere infinite

sb window (us) -1.000 1.000  
 mb window (us) -0.008 0.008  
 dr window (ns/s) -0.011 0.011  
 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.7.1N7VBA