

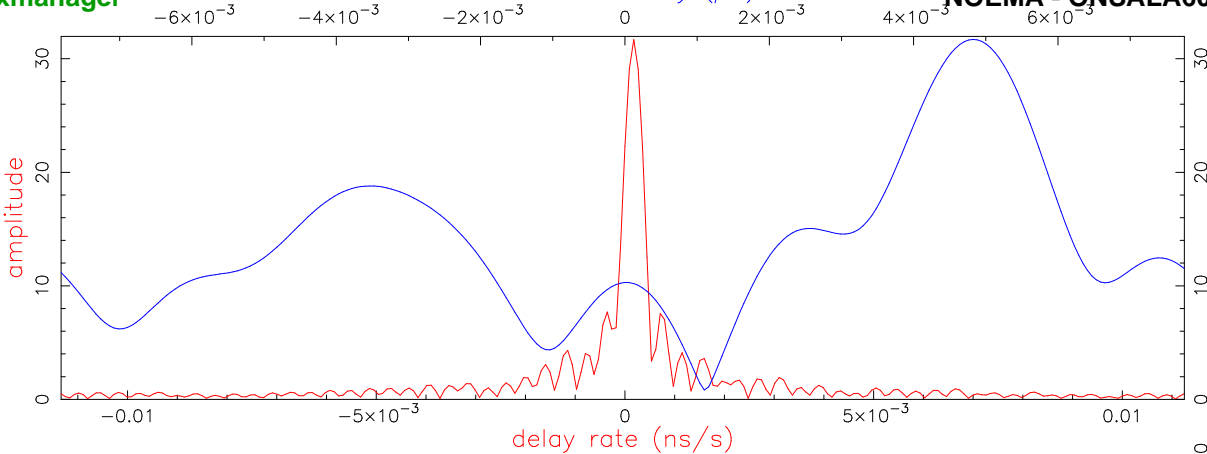
Mk4/DiFX fourfit 3.21 rev 2937

fxmanager

0420-014.1N7VBA, No0002, NX

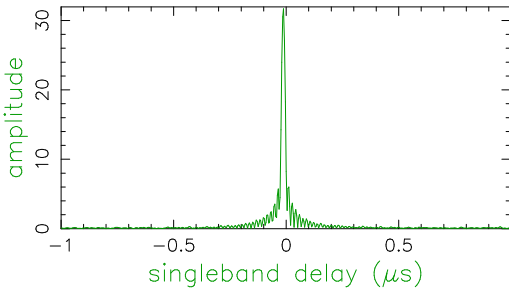
NOEMA - ONSALA60, fgroup W, pol LL

multiband delay (μ s)

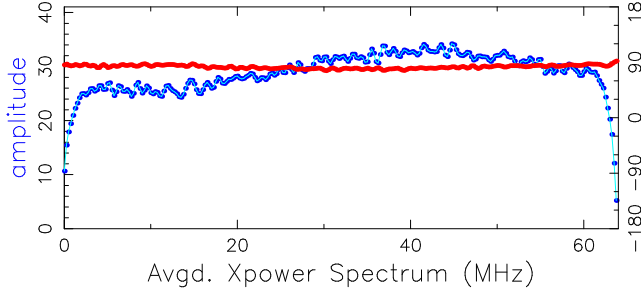


Fringe quality 6

SNR 452.3
 Int time 26.775
 Amp 31.970
 Phase -121.9
 PFD 0.0e+00
 Delays (us)
 SBD -0.012908
 MBD 0.004788
 Fringe rate (Hz)
 0.018535
 Ion TEC 0.000
 Ref freq (MHz)
 86140.0000
 AP (sec) 0.512

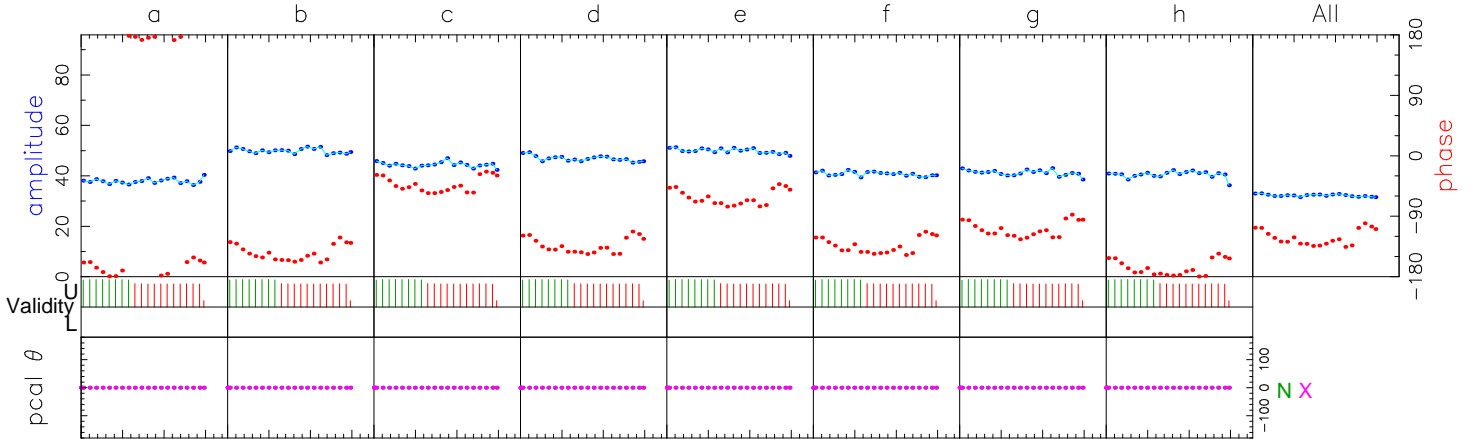


delay rate (ns/s)



Exp. f211a
 Exper # 16383
 Yr:day 2021:112
 Start 121500.00
 Stop 121534.82
 FRT 121730.00
 Corr/FF/build
 2021:112:203843
 2021:112:204715
 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
U/L	58/0	58/0	58/0	58/0	58/0	58/0	58/0	58/0		
N	1000	1000	1000	1000	1000	1000	1000	1000	APs used	
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	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL	Tracks	

Group delay (usec)(sbd)	2.87877578748E+03	Apriori delay (usec)	2.87878662411E+03	Resid mbdelay (usec)	4.78837E-03	+/-	2.4E-06
Sband delay (usec)	2.87877371561E+03	Apriori clock (usec)	-6.9646797E+01	Resid sbdelay (usec)	-1.29085E-02	+/-	1.9E-05
Phase delay (usec)	2.87878662018E+03	Apriori clockrate (us/s)	-7.2491503E-07	Resid phdelay (usec)	-3.93113E-06	+/-	8.2E-09
Delay rate (us/s)	1.95019420408E-01	Apriori rate (us/s)	1.95019205239E-01	Resid rate (us/s)	2.15169E-07	+/-	4.8E-10
Total phase (deg)	166.4	Apriori accel (us/s/s)	-1.53212743029E-05	Resid phase (deg)	-121.9	+/-	0.3

ph/seg (deg)	11.0	0.6	Amplitude	31.970 +/- 0.071	Pcal mode: MANUAL, MANUAL	PC period (AP's)	5, 5	
amp/seg (%)	1.7	1.0	Search (256X32)	31.114	Pcal rate: 0.000E+00, 0.000E+00 (us/s)	sb window (us)	-1.000 1.000	
ph/frq (deg)	50.7	0.4	Interp.	0.000	Bits/sample: 2x2	SampCntNorm: enabled	mb window (us)	-0.008 0.008
amp/frq (%)	37.5	0.6	Inc. seg. avg.	32.283	Sample rate(MISamp/s): 128	dr window (ns/s)	-0.011 0.011	
			Inc. frq. avg.	43.201	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.4.1N7VBA