

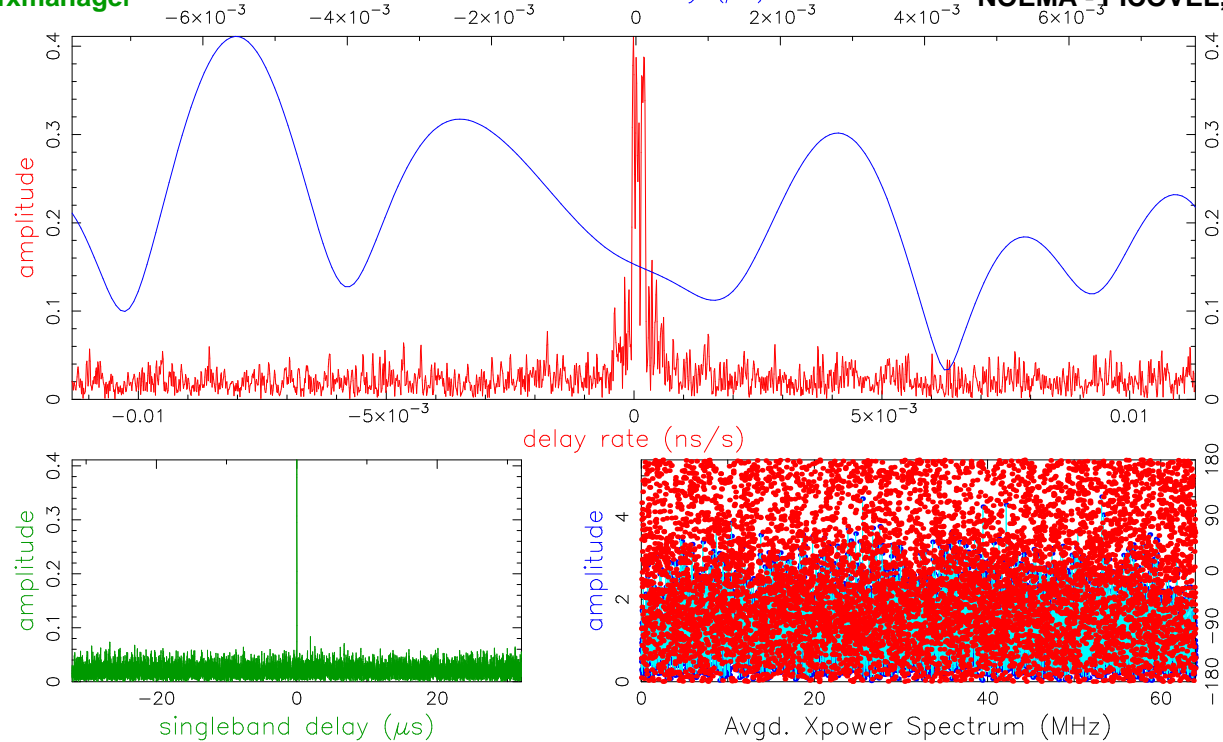
Mk4/DiFX fourfit 3.21 rev 2937

fxmanager

1156+295.1VK7WS, No0021, NP

NOEMA - PICOVEL, fgroup W, pol RL

multiband delay (μ s)

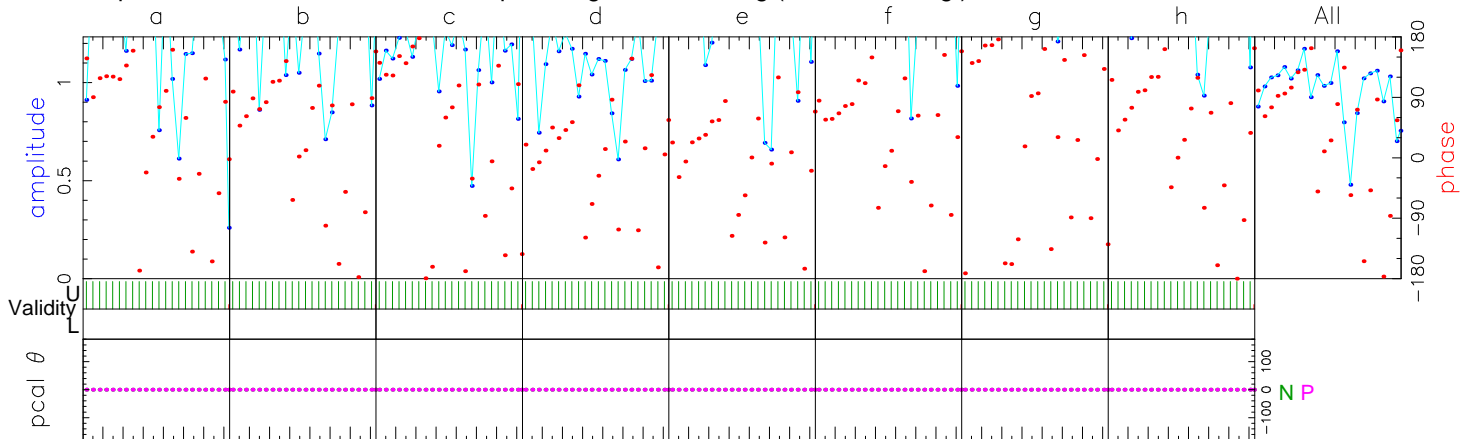


Fringe quality 7

SNR 23.0
 Int time 419.821
 Amp 0.411
 Phase 90.8
 PFD 0.0e+00
 Delays (us)
 SBD 0.007965
 MBD -0.005540
 Fringe rate (Hz)
 -0.001100
 Ion TEC 0.000
 Ref freq (MHz)
 86140.0000
 AP (sec) 0.512

Exp. f212a
 Exper # 16383
 Yr:day 2021:274
 Start 090001.00
 Stop 090700.84
 FRT 090331.00
 Corr/FF/build
 2021:275:011005
 2021:275:012600
 2021:252:122852
 RA & Dec (J2000)
 11h59m31.833912s
 +29°14'43.826900"

Amp. and Phase vs. time for each freq., 23 segs, 37 APs / seg (18.94 sec / seg.), time ticks 30 sec



	86012.00	86076.00	86140.00	86204.00	86268.00	86332.00	86396.00	86460.00	Freq (MHz)	All
	112.1	84.0	144.0	18.4	15.0	71.9	168.1	78.6	Phase	90.8
	0.5	0.6	0.5	0.5	0.5	0.8	0.9	0.6	Ampl.	0.6
	8195.0	8194.6	8194.0	8193.7	8194.3	8194.7	8195.1	8194.1	Sbd box	8195.0
U/L	820/0	820/0	820/0	820/0	820/0	820/0	820/0	820/0	APs used	
N	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
P	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
N:P	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
N:P	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	
P	1000	1000	1000	1000	1000	1000	1000	1000		
N	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Chan ids	
P	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL	Tracks	
									Tracks	
Group delay (usec)(sbd)	9.06074900226E+02		Apriori delay (usec)		9.06064814830E+02		Resid mbdelay (usec)		-5.53960E-03	+/- 4.7E-05
Sband delay (usec)	9.06072780080E+02		Apriori clock (usec)		-1.2650058E+01		Resid sbdelay (usec)		7.96525E-03	+/- 3.7E-04
Phase delay (usec)	9.06064817759E+02		Apriori clockrate (us/s)		-5.3429999E-06		Resid phdelay (usec)		2.92952E-06	+/- 1.6E-07
Delay rate (us/s)	-2.02714834481E-01		Apriori rate (us/s)		-2.02714821708E-01		Resid rate (us/s)		-1.27725E-08	+/- 6.6E-10
Total phase (deg)	144.6		Apriori accel (us/s/s)		5.99687437441E-07		Resid phase (deg)		90.8	+/- 5.0

ph/seg (deg) 79.1 11.9 Search (2048X32) 0.404 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5
 amp/seg (%) 139.6 20.8 Interp. 0.000 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -32.000 32.000
 ph/frq (deg) 58.9 7.0 Inc. seg. avg. 0.944 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.008 0.008
 amp/frq (%) 61.8 12.3 Inc. frq. avg. 0.621 Sample rate(MISamp/s): 128 Data rate(Mb/s): 2048 nlags: 8192 t_cohere infinite dr window (ns/s) -0.011 0.011
 N: az 114.3 el 62.4 pa -47.5 P: az 92.7 el 57.2 pa -65.9 u,v (fr/asec) 1329.628 789.275 simultaneous interpolator
 Control file: cf_1234_gmva Input file: /Exps/f212a/FRINGE/1234/No0021/NP..1VK7WS Output file: /Exps/f212a/FRINGE/1234/No0021/NP.W.17.1VK7WS