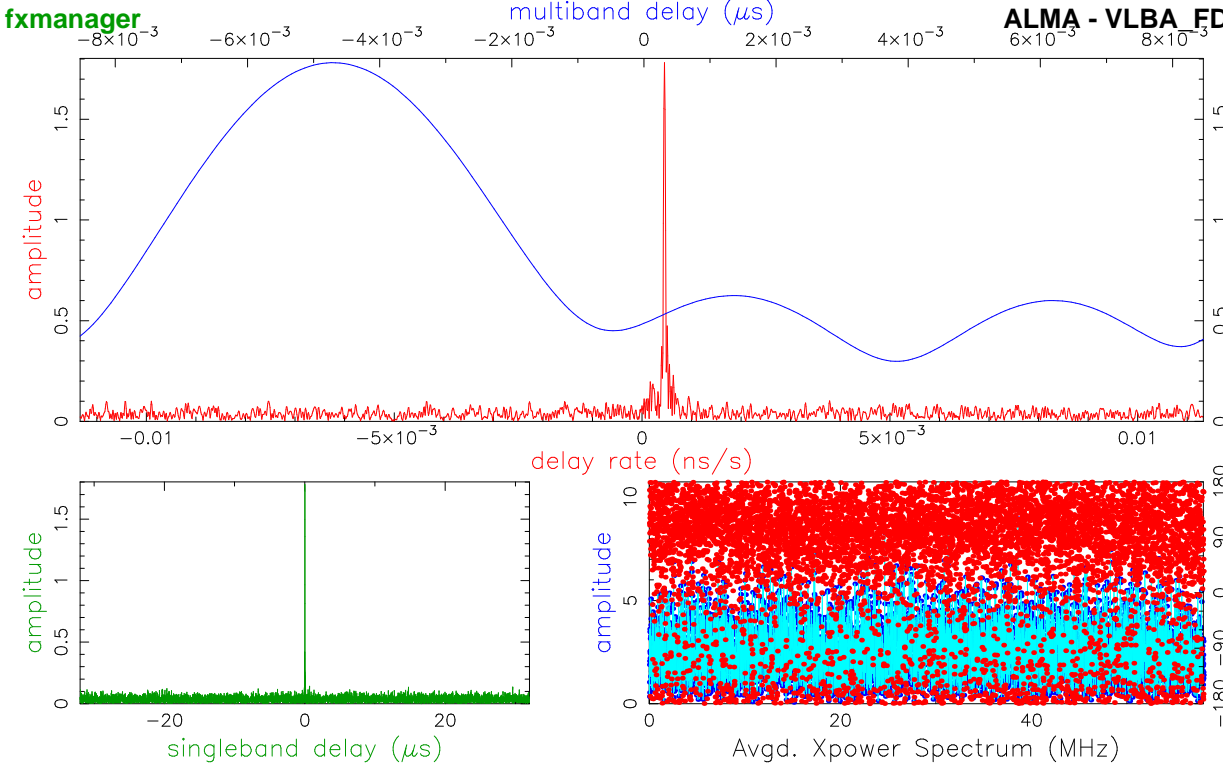


Mk4/DiFX fourfit 3.21 rev 2937

fxmanager

1055+018.1RFZRA, No0017, Af

ALMA - VLBA FD, fgroup W, pol XL

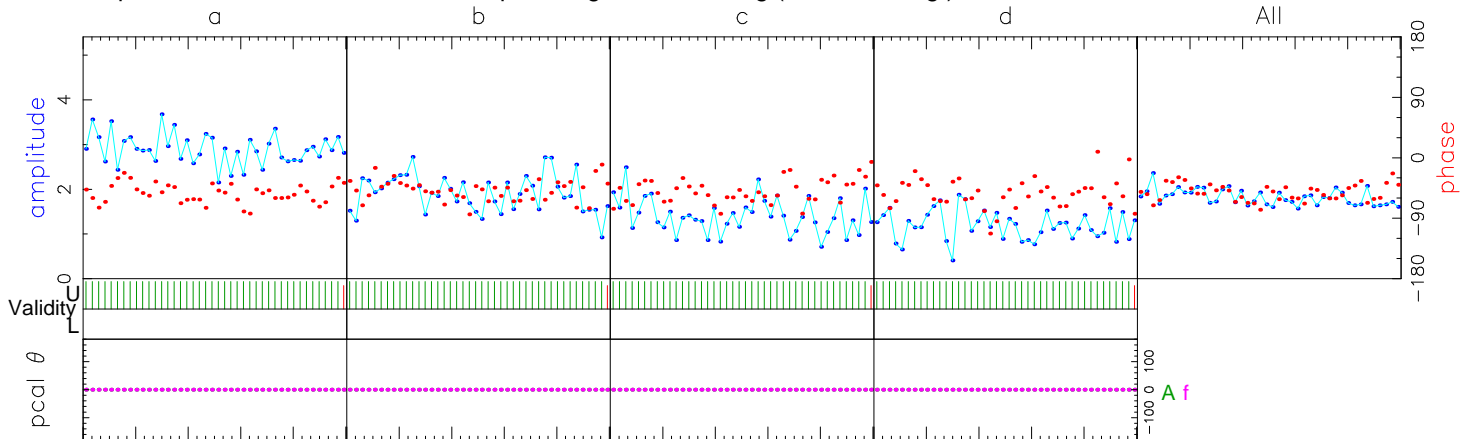


Fringe quality 8

SNR 57.4  
 Int time 299.976  
 Amp 1.803  
 Phase -119.9  
 PFD 0.0e+00  
 Delays (us)  
 SBD 0.014392  
 MBD -0.004698  
 Fringe rate (Hz) 0.038735  
 Ion TEC 0.000  
 Ref freq (MHz) 86140.0000  
 AP (sec) 0.512

Exp. c211d  
 Exper # 16383  
 Yr:day 2021:117  
 Start 013500.00  
 Stop 014000.03  
 FRT 013730.00  
 Corr/FF/build  
 2021:195:001812  
 2021:195:065416  
 2021:057:122453  
 RA & Dec (J2000)  
 10h58m29.605207s  
 +01°33'58.823723"

Amp. and Phase vs. time for each freq., 42 segs, 14 APs / seg (7.17 sec / seg.), time ticks 10 sec



	86151.11	86209.70	86268.30	86326.89	Freq (MHz)	All
	-52.7	-49.2	-50.5	-54.6	Phase	-51.7
	2.8	1.9	1.3	1.1	Ampl.	1.8
	7428.4	7428.4	7428.1	7428.3	Sbd box	7428.3
U/L	586/0	586/0	586/0	586/0	APs used	
A	0	0	0	0	PC freqs	
f	1000	1000	1000	1000	PC freqs	
A:f	0:0	0:0	0:0	0:0	PC phase	
A:f	0:0	0:0	0:0	0:0	Manl PC	
A	1000	1000	1000	1000	PC amp	
f	1000	1000	1000	1000		
A	W00UX	W01UX	W02UX	W03UX	Chan ids	
f	W01UL	W02UL	W03UL	W04UL	Tracks	
					Chan ids	
					Tracks	
Group delay (usec)(sbd)	8.60251378680E+02	Apriori delay (usec)	8.60239009533E+02	Resid mbdelay (usec)	-4.69752E-03	+/- 4.2E-05
Sband delay (usec)	8.60253401533E+02	Apriori clock (usec)	-2.1178665E+03	Resid sbdelay (usec)	1.43920E-02	+/- 1.7E-04
Phase delay (usec)	8.60239007866E+02	Apriori clockrate (us/s)	-1.3800001E-06	Resid phdelay (usec)	-1.66688E-06	+/- 6.4E-08
Delay rate (us/s)	-8.25681142757E-01	Apriori rate (us/s)	-8.25681592431E-01	Resid rate (us/s)	4.49674E-07	+/- 3.7E-10
Total phase (deg)		Apriori accel (us/s/s)	-1.84046897236E-05	Resid phase (deg)	-119.9	+/- 2.0

ph/seg (deg) 12.4 6.5 Search (2048X16) 1.704 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5  
 amp/seg (%) 9.7 11.3 Interp. 0.000 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -32.000 32.000  
 ph/frq (deg) 2.9 2.0 Inc. seg. avg. 1.814 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.009 0.009  
 amp/frq (%) 36.2 3.5 Inc. frq. avg. 1.782 Sample rate(MISamp/s): 116 Data rate (Mb/s): 928 nlags: 7424 t\_cohere infinite dr window (ns/s) -0.011 0.011  
 A: az 345.5 el 64.8 pa 166.7 f: az 129.9 el 49.2 pa -41.0 u,v (fr/asec) 4712.322 -7993.240 ion window (TEC) 0.00 0.00  
 Control file: cf\_1234\_gmva Input file: /Exps/c211d/v1/1234/No0017/Af..1RFZRA Output file: /Exps/c211d/v1/1234/No0017/Af.W.11.1RFZRA simultaneous interpolator