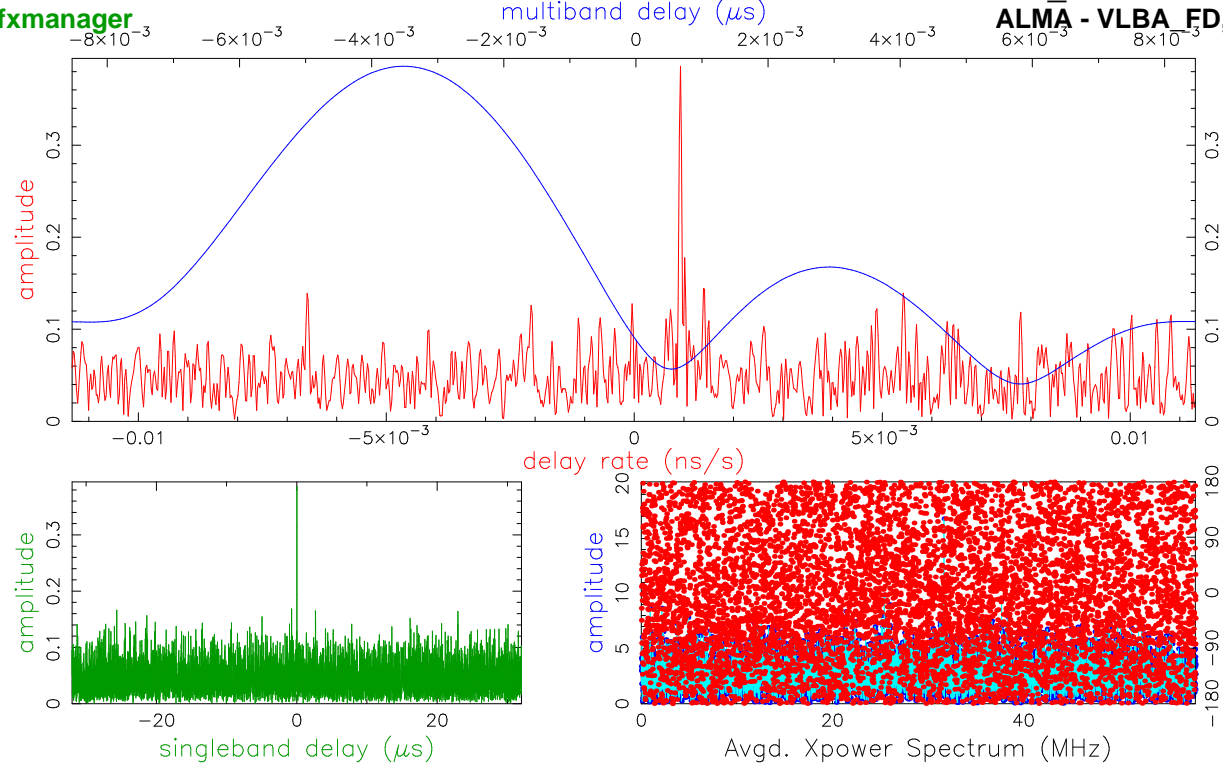


Mk4/DiFX fourfit 3.21 rev 2937

fxmanager

4C39_25.1RFYGV, No0014, Af

ALMA - VLBA FD, fgroup W, pol YL

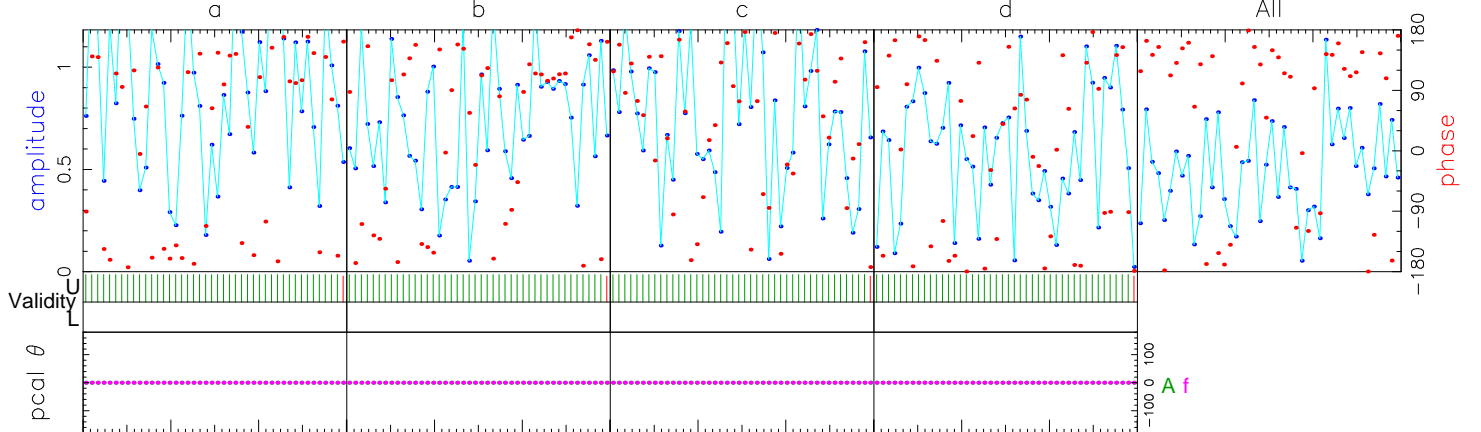


Fringe quality 9

SNR 9.7
 Int time 179.973
 Amp 0.394
 Phase 81.7
 PFD 8.2e-13
 Delays (us)
 SBD 0.015410
 MBD -0.003490
 Fringe rate (Hz)
 0.080842
 Ion TEC 0.000
 Ref freq (MHz)
 86140.0000
 AP (sec) 0.512

Exp. c211d
 Exper # 16383
 Yr:day 2021:117
 Start 011000.00
 Stop 011300.22
 FRT 011130.00
 Corr/FF/build
 2021:194:235021
 2021:195:064823
 2021:057:122453
 RA & Dec (J2000)
 09h27m03.013937s
 +39°02'20.851847"

Amp. and Phase vs. time for each freq., 44 segs, 8 APs / seg (4.10 sec / seg.), time ticks 5 sec



	86151.11	86209.70	86268.30	86326.89	Freq (MHz)	All
U/L	352/0	352/0	352/0	352/0		
A	0	0	0	0		
f	1000	1000	1000	1000		
A:f	0:0	0:0	0:0	0:0		
A:f	0:0	0:0	0:0	0:0		
A	1000	1000	1000	1000		
f	1000	1000	1000	1000		
A	W00UY	W01UY	W02UY	W03UY		
f	W01UL	W02UL	W03UL	W04UL		
Group delay (usec)(sbd)	-1.39846211608E+04					
Sband delay (usec)	-1.39846193275E+04					
Phase delay (usec)	-1.39846347326E+04					
Delay rate (us/s)	-6.7162655645E-01					
Total phase (deg)		-20.3				
Apriori delay (usec)			-1.39846347374E+04		-3.49003E-03	+/- 2.5E-04
Apriori clock (usec)			-2.1178643E+03		1.54099E-02	+/- 9.8E-04
Apriori clockrate (us/s)			-1.3800001E-06		4.83651E-06	+/- 3.8E-07
Apriori rate (us/s)			-6.71627494145E-01		9.38500E-07	+/- 3.7E-09
Apriori accel (us/s/s)			-6.07588527112E-07		81.7	+/- 11.8
Resid mbdelay (usec)						
Resid sbdelay (usec)						
Resid phdelay (usec)						
Resid rate (us/s)						
Resid phase (deg)						

ph/seg (deg) 55.5 39.1 Amplitude 0.394 +/- 0.041 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5
 amp/seg (%) 64.3 68.3 Search (1024X16) 0.366 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -32.000 32.000
 ph/frq (deg) 18.9 11.8 Interp. 0.000 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.009 0.009
 amp/frq (%) 31.7 20.6 Inc. seg. avg. 0.408 Sample rate(MISamp/s): 116 dr window (ns/s) -0.011 0.011
 Inc. frq. avg. 0.387 Data rate(Mb/s): 928 nlags: 7424 t_cohere infinite ion window (TEC) 0.00 0.00

A: az 340.6 el 24.4 pa 156.8 f: az 49.0 el 76.3 pa -123.1 u,v (fr/asec) 4956.102 -6241.017 simultaneous interpolator
 Control file: cf_1234_gmva Input file: /Exps/c211d/v1/1234/No0014/Af..1RFYGV Output file: /Exps/c211d/v1/1234/No0014/Af.W.34.1RFYGV