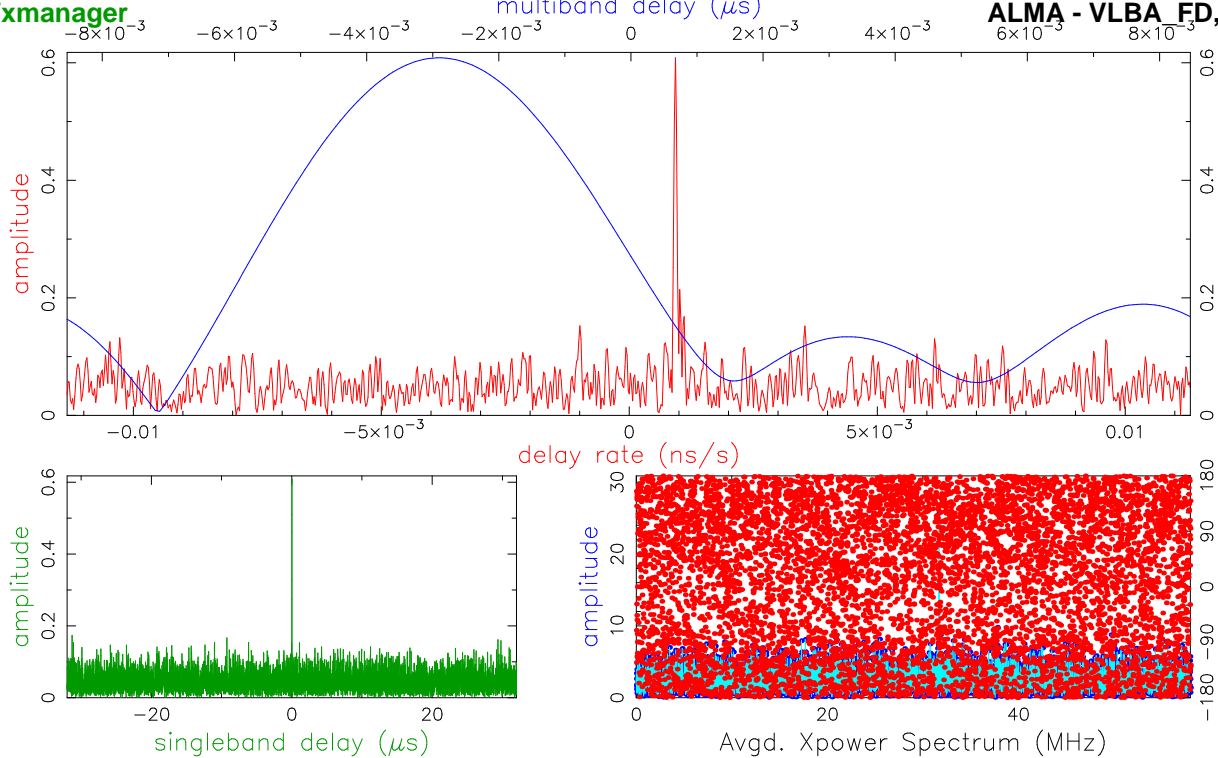


Mk4/DiFX fourfit 3.21 rev 2937

fxmanager

4C39_25.1RFYGV, No0014, Af

ALMA - VLBA_FD, fgroup W, pol XR

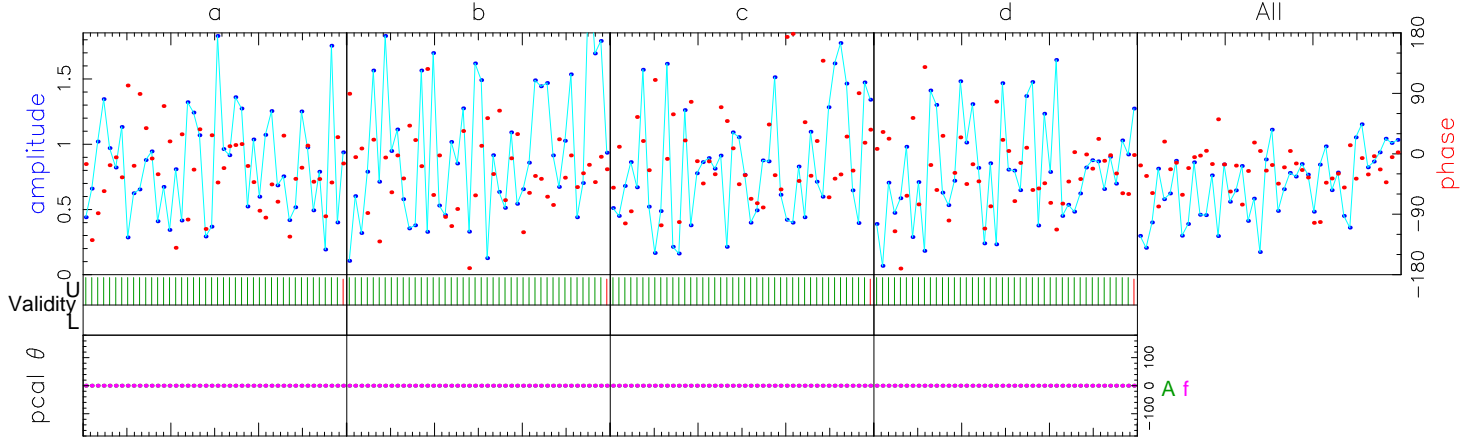


Fringe quality 9

SNR 15.2
 Int time 179.973
 Amp 0.618
 Phase -93.2
 PFD 1.4e-42
 Delays (us)
 SBD 0.015731
 MBD -0.002909
 Fringe rate (Hz) 0.080591
 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
 2021:195:064804
 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	W00UX	W01UX	W02UX	W03UX		
f	W01UR	W02UR	W03UR	W04UR		
Group delay (usec)(sbd)	-1.39846205802E+04		-1.39846347374E+04		-2.90942E-03	+/- 1.6E-04
Sband delay (usec)	-1.39846190067E+04		-2.1178643E+03		1.57308E-02	+/- 6.2E-04
Phase delay (usec)	-1.39846347382E+04		-1.3800001E-06		-8.04907E-07	+/- 2.4E-07
Delay rate (us/s)	-6.71626558560E-01		-6.71627494145E-01		9.35585E-07	+/- 2.3E-09
Total phase (deg)		-195.2			-93.2	+/- 7.5
Apriori delay (usec)						
Apriori clock (usec)						
Apriori clockrate (us/s)						
Apriori rate (us/s)						
Apriori accel (us/s/s)						
Resid mbdelay (usec)						
Resid sbdelay (usec)						
Resid phdelay (usec)						
Resid rate (us/s)						
Resid phase (deg)						
Pcal mode: MANUAL, MANUAL						
Pcal rate: 0.000E+00, 0.000E+00 (us/s)						
Bits/sample: 2x2						
Sample rate(MISamp/s): 116						
Data rate(Mb/s): 928						
sb window (us)					-32.000	32.000
mb window (us)					-0.009	0.009
dr window (ns/s)					-0.011	0.011
ion window (TEC)					0.00	0.00
PCal period (AP's) 5, 5						
SampCntNorm: enabled						
nlags: 7424 t_cohere infinite						
simultaneous interpolator						

ph/seg (deg) 30.1 25.0 Amplitude 0.618 +/- 0.041 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5
 amp/seg (%) 43.2 43.6 Search (1024X16) 0.593 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -32.000 32.000
 ph/frq (deg) 9.2 7.5 Interp. 0.000 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.009 0.009
 amp/frq (%) 11.0 13.1 Inc. seg. avg. 0.627 Sample rate(MISamp/s): 116 dr window (ns/s) -0.011 0.011
 Inc. frq. avg. 0.609 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.32.1RFYGV