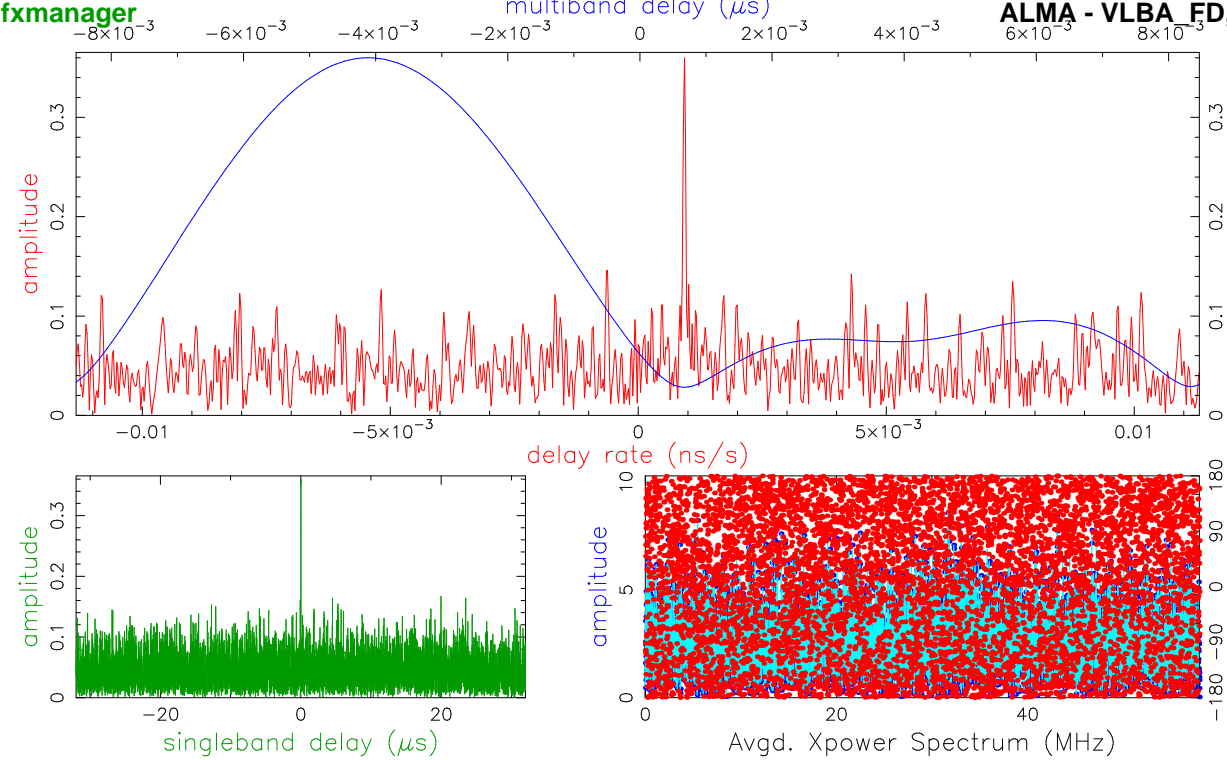


Mk4/DiFX fourfit 3.21 rev 2937

fxmanager

4C39_25.1RFYGV, No0014, Af

ALMA - VLBA FD, fgroup W, pol XL

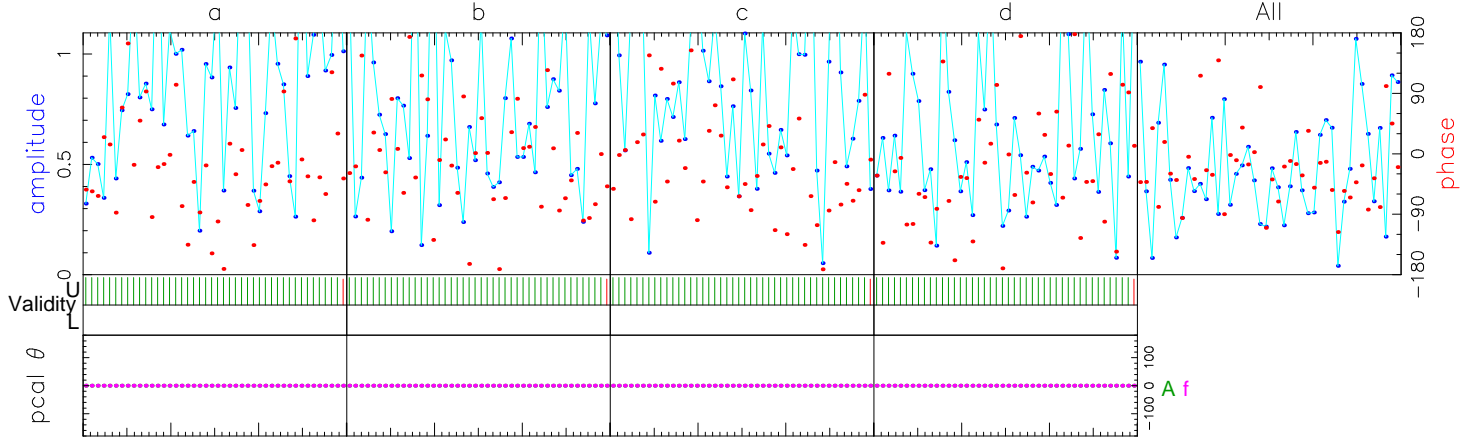


Fringe quality 9

SNR 9.0
 Int time 179.973
 Amp 0.365
 Phase -96.6
 PFD 6.3e-10
 Delays (us)
 SBD 0.015752
 MBD -0.004029
 Fringe rate (Hz) 0.080996
 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
 2021:195:064725
 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
	-25.7	-30.3	-26.8	-33.9	Phase	-28.3
	0.5	0.4	0.4	0.2	Ampl.	0.4
	7428.2	3885.2	7428.5	8058.7	Sbd box	7428.7
U/L	352/0	352/0	352/0	352/0	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)	-1.39846216999E+04		Apriori delay (usec)	-1.39846347374E+04	Resid mbdelay (usec)	-4.02913E-03 +/- 2.7E-04
Sband delay (usec)	-1.39846189854E+04		Apriori clock (usec)	-2.1178643E+03	Resid sbdelay (usec)	1.57520E-02 +/- 1.1E-03
Phase delay (usec)	-1.39846347384E+04		Apriori clockrate (us/s)	-1.3800001E-06	Resid phdelay (usec)	-9.12445E-07 +/- 4.1E-07
Delay rate (us/s)	-6.7162653857E-01		Apriori rate (us/s)	-6.71627494145E-01	Resid rate (us/s)	9.40289E-07 +/- 3.9E-09
Total phase (deg)		-198.6	Apriori accel (us/s/s)	-6.07588527112E-07	Resid phase (deg)	-96.6 +/- 12.7

	RMS	Theor.	Amplitude	0.365 +/- 0.041	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5
ph/seg (deg)	57.0	42.2	Search (1024X16)	0.341	Pcal rate: 0.000E+00, 0.000E+00 (us/s)	sb window (us) -32.000 32.000
amp/seg (%)	76.4	73.7	Interp.	0.000	Bits/sample: 2x2	SampCntNorm: enabled mb window (us) -0.009 0.009
ph/frq (deg)	4.7	12.7	Inc. seg. avg.	0.385	Sample rate(MSamp/s): 116	dr window (ns/s) -0.011 0.011
amp/frq (%)	27.4	22.2	Inc. frq. avg.	0.353	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.15.1RFYGV