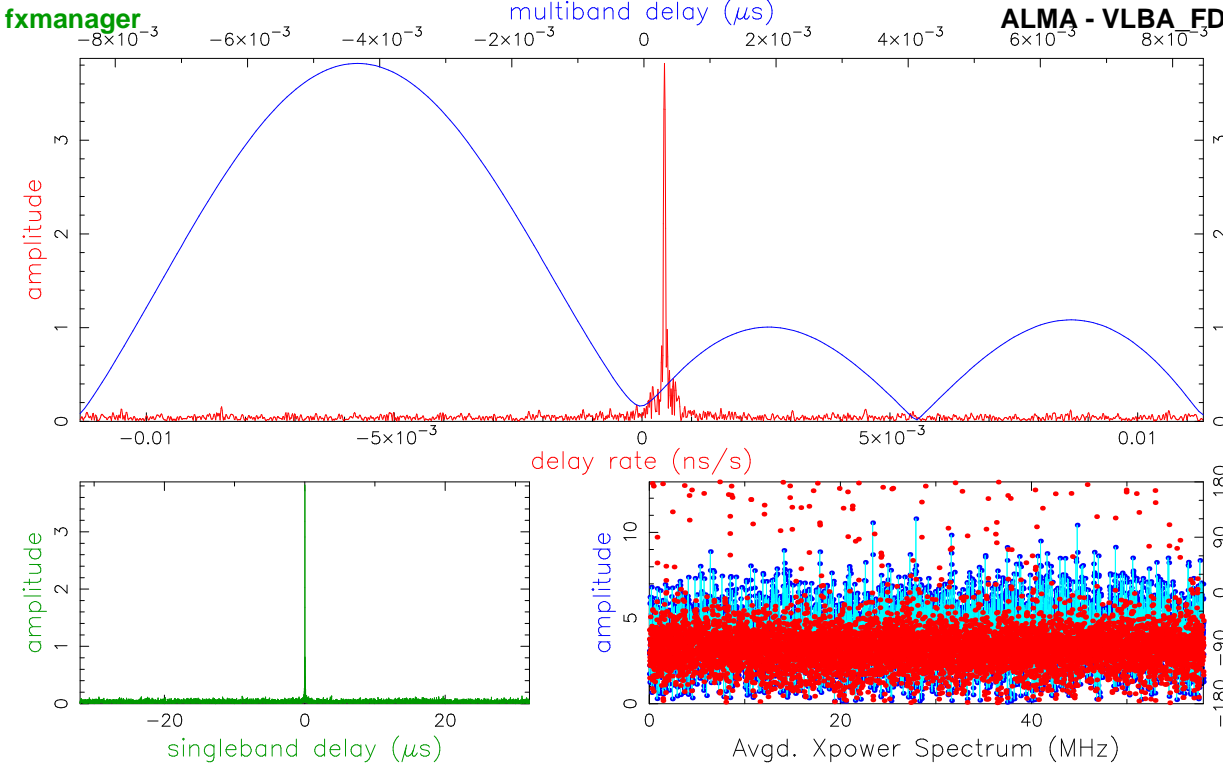


Mk4/DiFX fourfit 3.21 rev 2937

fxmanager

1055+018.1RFZRA, No0017, Af

ALMA - VLBA_FD, fgroup W, pol XR

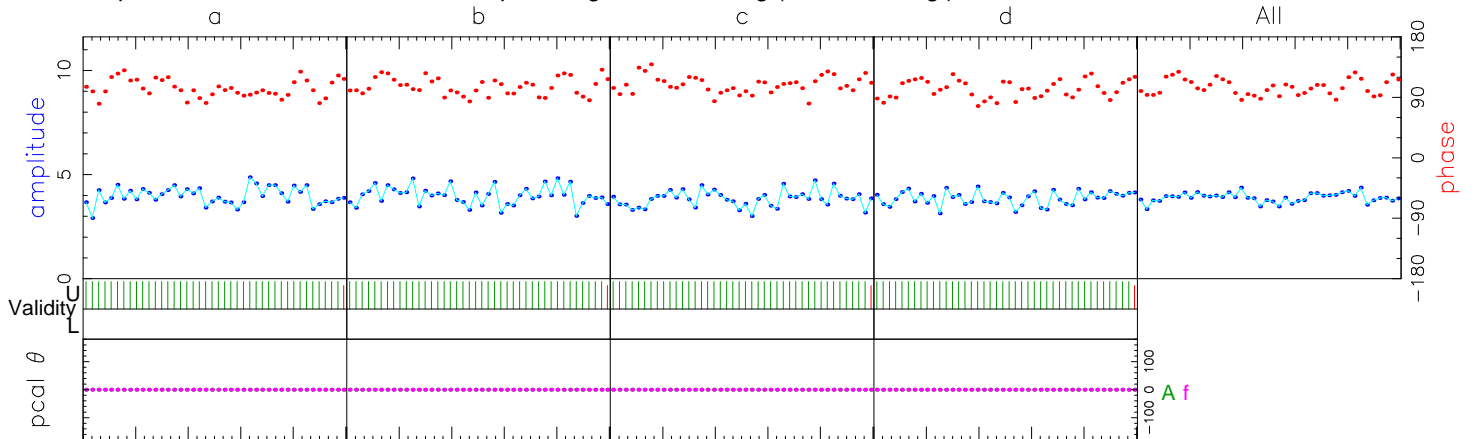


Fringe quality 8

SNR 123.4
 Int time 299.976
 Amp 3.873
 Phase 37.1
 PFD 0.0e+00
 Delays (us)
 SBD 0.014497
 MBD -0.004335
 Fringe rate (Hz) 0.038814
 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
 2021:195:065530
 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
U/L	586/0	586/0	586/0	586/0		
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)	8.60251741586E+02	Apriori delay (usec)	8.60239009533E+02	Resid mbdelay (usec)	-4.33461E-03	+/-	2.0E-05
Sband delay (usec)	8.60253506912E+02	Apriori clock (usec)	-2.1178665E+03	Resid sbdelay (usec)	1.44974E-02	+/-	7.7E-05
Phase delay (usec)	8.60239012929E+02	Apriori clockrate (us/s)	-1.3800001E-06	Resid phdelay (usec)	3.39654E-06	+/-	3.0E-08
Delay rate (us/s)	-8.25681141838E-01	Apriori rate (us/s)	-8.25681592431E-01	Resid rate (us/s)	4.50592E-07	+/-	1.7E-10
Total phase (deg)	138.3	Apriori accel (us/s/s)	-1.84046897236E-05	Resid phase (deg)	37.1	+/-	0.9

ph/seg (deg)	11.8	Theor.	3.0	Amplitude	3.873 +/- 0.031	Pcal mode:	MANUAL, MANUAL	PC period (AP's)	5, 5	
amp/seg (%)	5.8		3.0	Search (2048X16)	3.750	Pcal rate:	0.000E+00, 0.000E+00 (us/s)	sb window (us)	-32.000 32.000	
ph/frq (deg)	3.7		0.9	Interp.	0.000	Bits/sample:	2x2	SampCntNorm: enabled	mb window (us)	-0.009 0.009
amp/frq (%)	2.1		1.6	Inc. seg. avg.	3.898	Sample rate(MISamp/s):	116	dr window (ns/s)	-0.011 0.011	
				Inc. frq. avg.	3.825	Data rate(Mb/s):	928	ion window (TEC)	0.00 0.00	

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 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/c211d/v1/1234/No0017/Af..1RFZRA Output file: /Exps/c211d/v1/1234/No0017/Af.W.22.1RFZRA