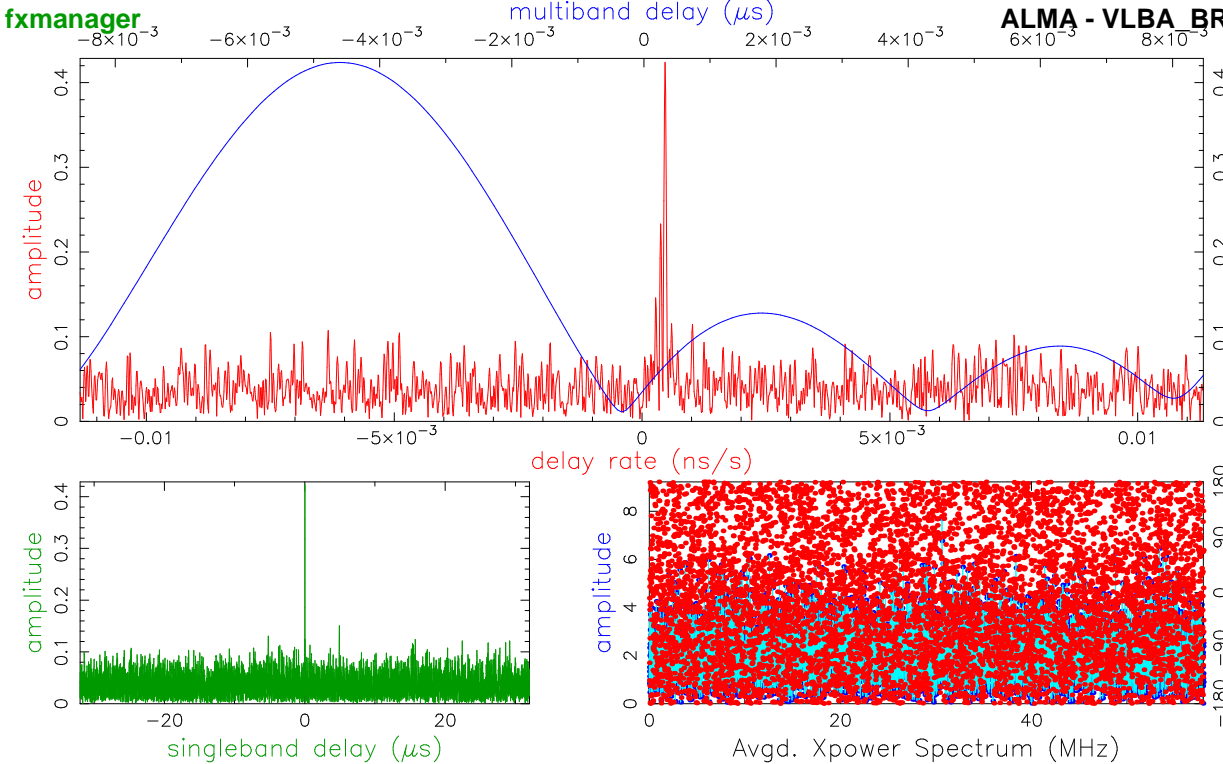


Mk4/DiFX fourfit 3.21 rev 2937

fxmanager

1055+018.1RFZRA, No0017, Ab

ALMA - VLBA BR, fgroup W, pol YL

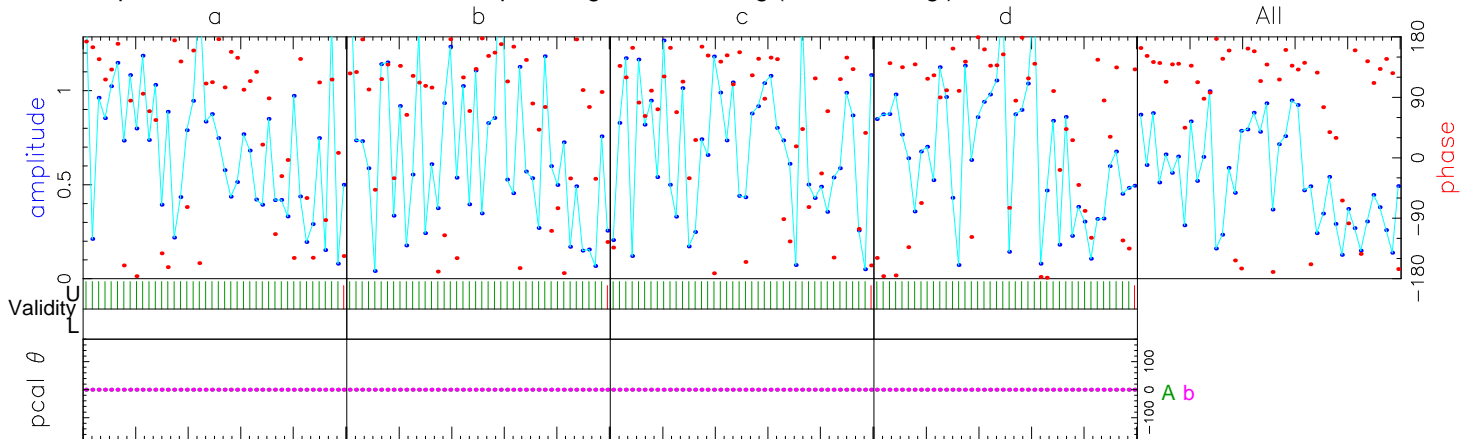


Fringe quality 9

SNR 13.7
 Int time 299.974
 Amp 0.429
 Phase 72.0
 PFD 1.5e-32
 Delays (us)
 SBD 0.014332
 MBD -0.004573
 Fringe rate (Hz)
 0.039722
 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
 2021:195:065604
 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
	142.8	142.5	130.7	145.2	Phase	140.3
	0.4	0.5	0.4	0.4	Ampl.	0.4
	7427.8	7428.7	7428.3	7428.7	Sbd box	7428.3
U/L	586/0	586/0	586/0	586/0	APs used	
A	0	0	0	0	PC freqs	
b	1000	1000	1000	1000	PC freqs	
A:b	0:0	0:0	0:0	0:0	PC phase	
A:b	0:0	0:0	0:0	0:0	ManI PC	
A	1000	1000	1000	1000	PC amp	
b	1000	1000	1000	1000		
A	W00UY	W01UY	W02UY	W03UY	Chan ids	
b	W01UL	W02UL	W03UL	W04UL	Tracks	
					Chan ids	
					Tracks	

Group delay (usec)(sbd)	6.67219967625E+03	Apriori delay (usec)	6.67218718250E+03	Resid mbdelay (usec)	-4.57291E-03	+/-	1.8E-04
Sband delay (usec)	6.67220151463E+03	Apriori clock (usec)	-2.1046143E+03	Resid sbdelay (usec)	1.43321E-02	+/-	7.0E-04
Phase delay (usec)	6.67218718702E+03	Apriori clockrate (us/s)	-1.1300001E-06	Resid phdelay (usec)	4.52415E-06	+/-	2.7E-07
Delay rate (us/s)	-9.06464608190E-01	Apriori rate (us/s)	-9.06465069321E-01	Resid rate (us/s)	4.61131E-07	+/-	1.6E-09
Total phase (deg)	36.1	Apriori accel (us/s/s)	-4.99109509070E-05	Resid phase (deg)	72.0	+/-	8.4

ph/seg (deg)	51.4	Theor.	27.2	Amplitude	0.429 +/- 0.031	PCal mode: MANUAL, MANUAL	PC period (AP's)	5, 5
amp/seg (%)	64.8	Search (2048X16)	0.414	Search	0.414	PCal rate: 0.000E+00, 0.000E+00 (us/s)	sb window (us)	-32.000 32.000
ph/frq (deg)	7.9	Inc. seg. avg.	0.486	Inc. seg. avg.	0.486	Bits/sample: 2x2	mb window (us)	-0.009 0.009
amp/frq (%)	4.5	Inc. frq. avg.	0.422	Inc. frq. avg.	0.422	Sample rate(MSamp/s): 116	dr window (ns/s)	-0.011 0.011
						Data rate(Mb/s): 928	ion window (TEC)	0.00 0.00
						nlags: 7424 t_cohere infinite		

A: az 345.5 el 64.8 pa 166.7 b: az 125.0 el 28.9 pa -33.7 u,v (fr/asec) 5138.496 -10137.883 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/c211d/v1/1234/No0017/Ab..1RFZRA Output file: /Exps/c211d/v1/1234/No0017/Ab.W.23.1RFZRA