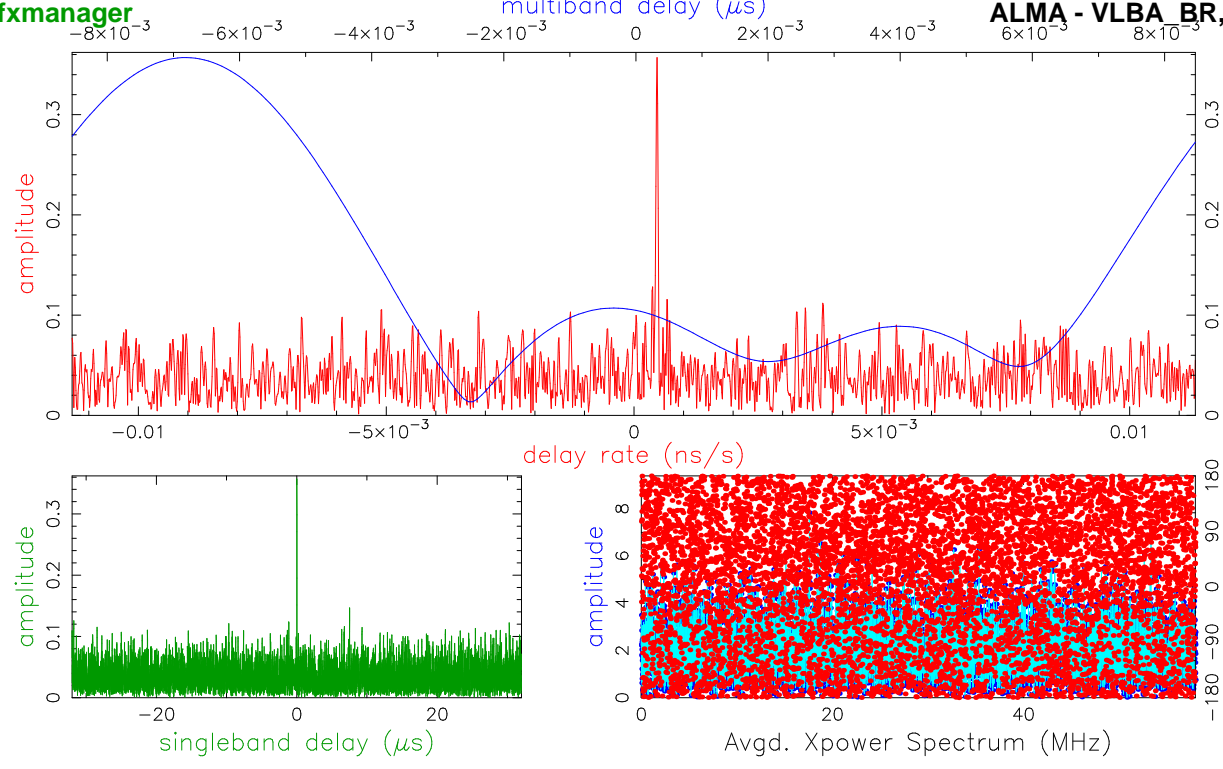


Mk4/DiFX fourfit 3.21 rev 2937

fxmanager

1055+018.1RFZRA, No0017, Ab

ALMA - VLBA_BR, fgroup W, pol XR

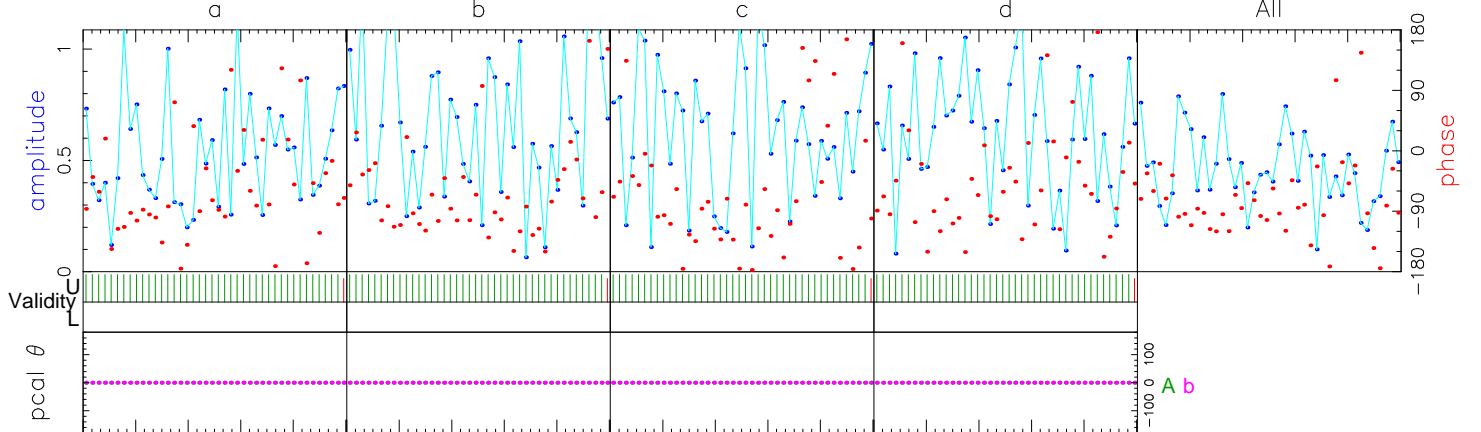


Fringe quality 9

SNR 11.5
 Int time 299.974
 Amp 0.362
 Phase -153.4
 PFD 6.0e-21
 Delays (us)
 SBD 0.011326
 MBD -0.006763
 Fringe rate (Hz)
 0.039815
 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
 2021:195:065528
 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
	-78.5	-84.3	-101.2	-78.0	Phase	-85.1
	0.3	0.4	0.3	0.4	Ampl.	0.4
	7427.2	7427.5	7428.0	7428.0	Sbd box	7427.6
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	W00UX	W01UX	W02UX	W03UX	Chan ids	
b	W01UR	W02UR	W03UR	W04UR	Tracks	
					Chan ids	
					Tracks	
Group delay (usec)(sbd)	6.67219748632E+03		Apriori delay (usec)	6.67218718250E+03	Resid mbdelay (usec)	-6.76284E-03 +/- 2.1E-04
Sband delay (usec)	6.67219850857E+03		Apriori clock (usec)	-2.1046143E+03	Resid sbdelay (usec)	1.13261E-02 +/- 8.2E-04
Phase delay (usec)	6.67218717975E+03		Apriori clockrate (us/s)	-1.1300001E-06	Resid phdelay (usec)	-2.74467E-06 +/- 3.2E-07
Delay rate (us/s)	-9.06464607106E-01		Apriori rate (us/s)	-9.06465069321E-01	Resid rate (us/s)	4.62215E-07 +/- 1.8E-09
Total phase (deg)		170.7	Apriori accel (us/s/s)	-4.99109509070E-05	Resid phase (deg)	-153.4 +/- 9.9

ph/seg (deg) 50.4 32.2 Amplitude 0.362 +/- 0.031 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5
 amp/seg (%) 54.5 56.2 Search (2048X16) 0.345 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -32.000 32.000
 ph/frq (deg) 13.3 9.9 Interp. 0.000 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.009 0.009
 amp/frq (%) 15.0 17.3 Inc. seg. avg. 0.402 Sample rate(MISamp/s): 116 dr window (ns/s) -0.011 0.011
 Inc. frq. avg. 0.356 Data rate(Mb/s): 928 nlags: 7424 t_cohere infinite ion window (TEC) 0.00 0.00

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.21.1RFZRA