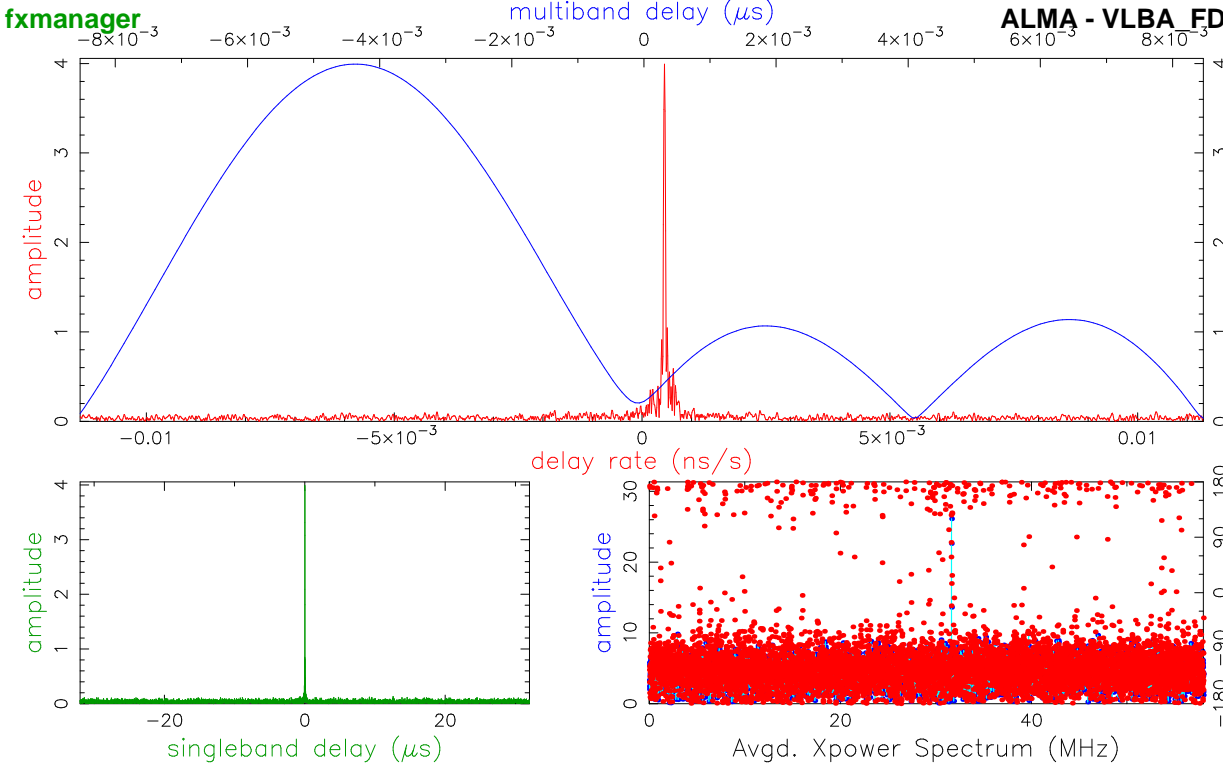


Mk4/DiFX fourfit 3.21 rev 2937

fxmanager

1055+018.1RFZRA, No0017, Af

ALMA - VLBA_FD, fgroup W, pol YR

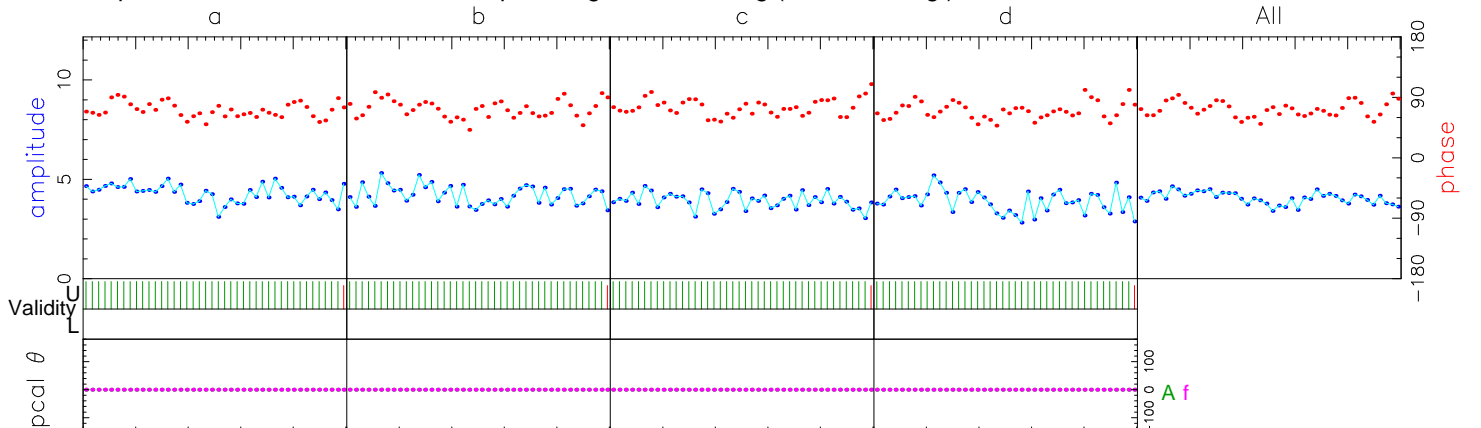


Fringe quality 9

SNR 129.3
 Int time 299.976
 Amp 4.057
 Phase 4.1
 PFD 0.0e+00
 Delays (us)
 SBD 0.014607
 MBD -0.004364
 Fringe rate (Hz) 0.038810
 Ion TEC 0.000
 Ref freq (MHz) 86140.0000
 AP (sec) 0.512

Exp. c211d
 Yr:day # 16383
 Start 2021:117
 Stop 2021:117
 FRT 013730.00
 Corr/FF/build 2021:195:001812
 2021:195:065453
 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
	71.2	73.0	75.2	70.0	Phase	72.4
	4.2	4.1	3.9	3.8	Ampl.	4.0
	7428.4	7428.4	7428.5	7428.3	Sbd box	7428.4
U/L	586/0	586/0	586/0	586/0	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	W00UY	W01UY	W02UY	W03UY	Chan ids	
f	W01UR	W02UR	W03UR	W04UR	Tracks	
					Chan ids	
					Tracks	
Group delay (usec)(sbd)	8.60251712641E+02	Apriori delay (usec)	8.60239009533E+02	Resid mbdelay (usec)	-4.36356E-03	+/- 1.9E-05
Sband delay (usec)	8.60253616981E+02	Apriori clock (usec)	-2.1178665E+03	Resid sbdelay (usec)	1.46074E-02	+/- 7.4E-05
Phase delay (usec)	8.60239011866E+02	Apriori clockrate (us/s)	-1.3800001E-06	Resid phdelay (usec)	2.33324E-06	+/- 2.9E-08
Delay rate (us/s)	-8.25681141891E-01	Apriori rate (us/s)	-8.25681592431E-01	Resid rate (us/s)	4.50540E-07	+/- 1.7E-10
Total phase (deg)	105.3	Apriori accel (us/s/s)	-1.84046897236E-05	Resid phase (deg)	4.1	+/- 0.9
	RMS	Theor.	Amplitude	4.057 +/- 0.031	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5
ph/seg (deg)	11.2	2.9	Search (2048X16)	3.915	Pcal rate: 0.000E+00, 0.000E+00 (us/s)	sb window (us) -32.000 32.000
amp/seg (%)	7.3	5.0	Interp.	0.000	Bits/sample: 2x2	SampCntNorm: enabled mb window (us) -0.009 0.009
ph/frq (deg)	2.8	0.9	Inc. seg. avg.	4.068	Sample rate(MSamp/s): 116	dr window (ns/s) -0.011 0.011
amp/frq (%)	4.5	1.5	Inc. frq. avg.	3.998	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	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.20.1RFZRA						