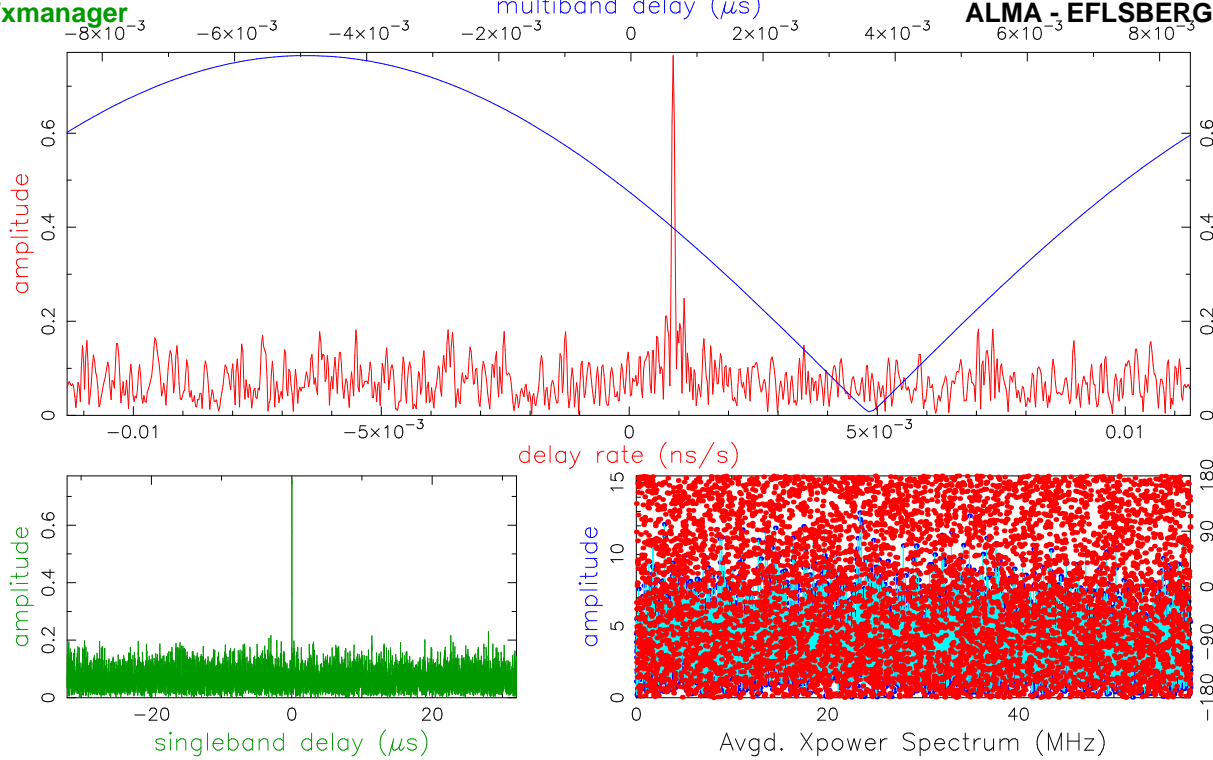


Mk4/DiFX fourfit 3.21 rev 2937

fxmanager

4C39_25.1RFYGV, No0014, AB

ALMA - EFLSBERG, fgroup W, pol XR

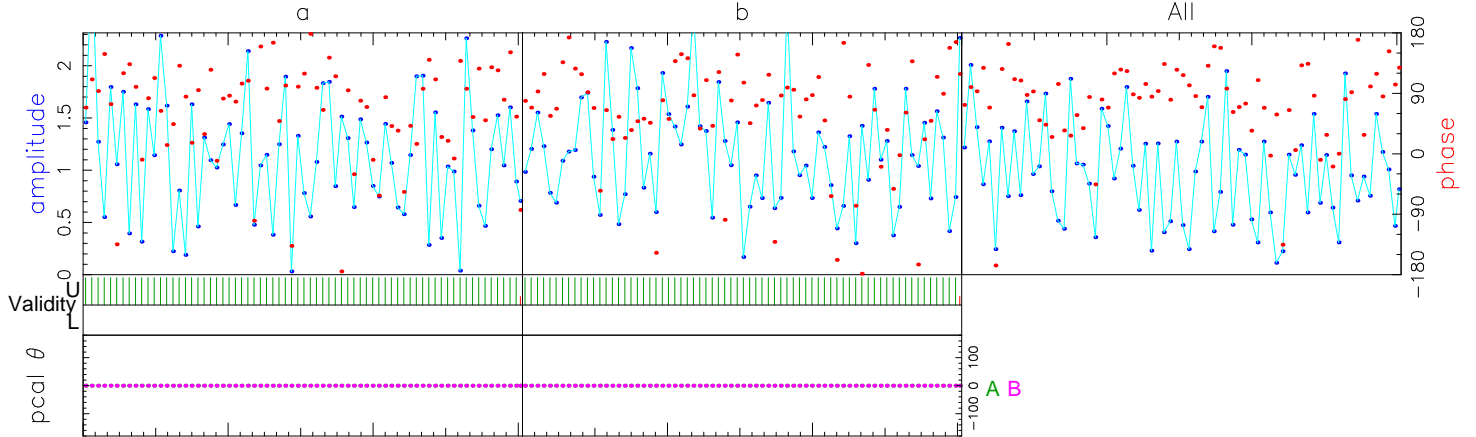


Fringe quality 9

SNR 13.4
 Int time 179.973
 Amp 0.772
 Phase 19.0
 PFD 7.0e-32
 Delays (us)
 SBD 0.014070
 MBD -0.004982
 Fringe rate (Hz) 0.076609
 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
 2021:195:064731
 2021:057:122453
 RA & Dec (J2000)
 09h27m03.013937s
 +39°02'20.851847"

Amp. and Phase vs. time for each freq., 71 segs, 5 APs / seg (2.56 sec / seg.), time ticks 5 sec



86209.70	86268.30	Freq (MHz)	All				
86.6	88.0	Phase	87.3				
0.8	0.8	Ampl.	0.8				
7428.3	7428.2	Sbd box	7428.3				
U/L 352/0	352/0	APs used					
A 0	0	PC freqs					
B 296	1000	PC freqs					
A:B 0:0	0:0	PC phase					
A:B 0:0	0:0	ManI PC					
A 1000	1000	PC amp					
B 1000	1000						
A W01UX	W02UX	Chan ids					
B W02UR	W03UR	Tracks					
		Chan ids					
		Tracks					
Group delay (usec)(sbd)	-2.10759983608E+03	Apriori delay (usec)	-2.10761192053E+03	Resid mbdelay (usec)	-4.98221E-03	+/-	4.0E-04
Sband delay (usec)	-2.10759785101E+03	Apriori clock (usec)	-2.0855352E+03	Resid sbdelay (usec)	1.40695E-02	+/-	7.1E-04
Phase delay (usec)	-2.10761191771E+03	Apriori clockrate (us/s)	-1.2300000E-06	Resid phdelay (usec)	2.81511E-06	+/-	2.7E-07
Delay rate (us/s)	3.21954373449E-01	Apriori rate (us/s)	3.21953484093E-01	Resid rate (us/s)	8.89356E-07	+/-	2.6E-09
Total phase (deg)	-281.3	Apriori accel (us/s/s)	-8.21951718434E-05	Resid phase (deg)	19.0	+/-	8.5

ph/seg (deg)	49.3	Theor.	35.9	Amplitude	0.772 +/- 0.057	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5
amp/seg (%)	67.8	Search (1024X8)	0.749	Search	0.000E+00	Pcal rate: 0.000E+00, 0.000E+00 (us/s)	sb window (us) -32.000 32.000
ph/frq (deg)	0.0	Inc. seg. avg.	0.822	Interp.	0.000	Bits/sample: 2x2	SampCntNorm: enabled
amp/frq (%)	1.2	Inc. frq. avg.	0.763	Inc. seg. avg.	0.822	Sample rate(MISamp/s): 116	dr window (ns/s) -0.011 0.011
				Inc. frq. avg.	0.763	Data rate(Mb/s): 464	ion window (TEC) 0.00 0.00
						nlags: 7424 t_cohere infinite	simultaneous interpolator

A: az 340.6 el 24.4 pa 156.8 B: az 301.8 el 24.9 pa 44.0 u,v (fr/asec) -2403.200 -13210.756 Control file: cf_1234_gmva Input file: /Exps/c211d/v1/1234/No0014/AB..1RFYGV Output file: /Exps/c211d/v1/1234/No0014/AB.W.16.1RFYGV