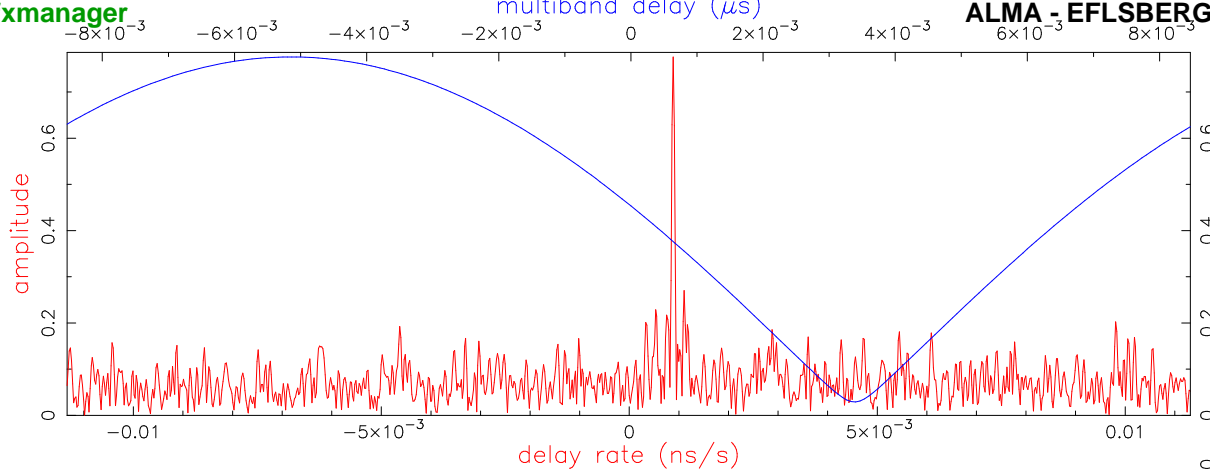


Mk4/DiFX fourfit 3.21 rev 2937

fxmanager

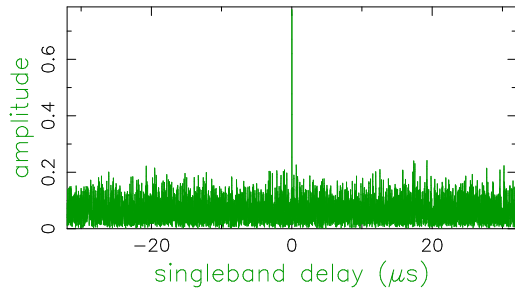
4C39_25.1RFYGV, No0014, AB

ALMA - EFLSBERG, fgroup W, pol YR

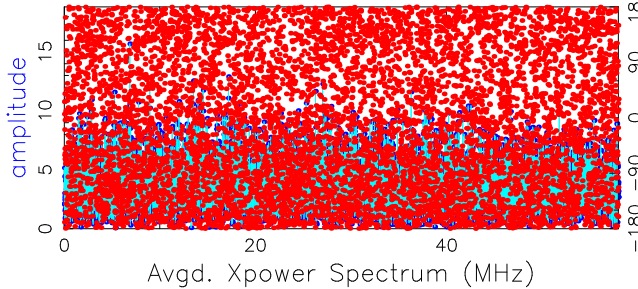


Fringe quality 9

SNR 13.7
 Int time 179.973
 Amp 0.786
 Phase 7.5
 PFD 2.6e-33
 Delays (us)
 SBD 0.014447
 MBD -0.005243
 Fringe rate (Hz)
 0.076800
 Ion TEC 0.000
 Ref freq (MHz)
 86140.0000
 AP (sec) 0.512

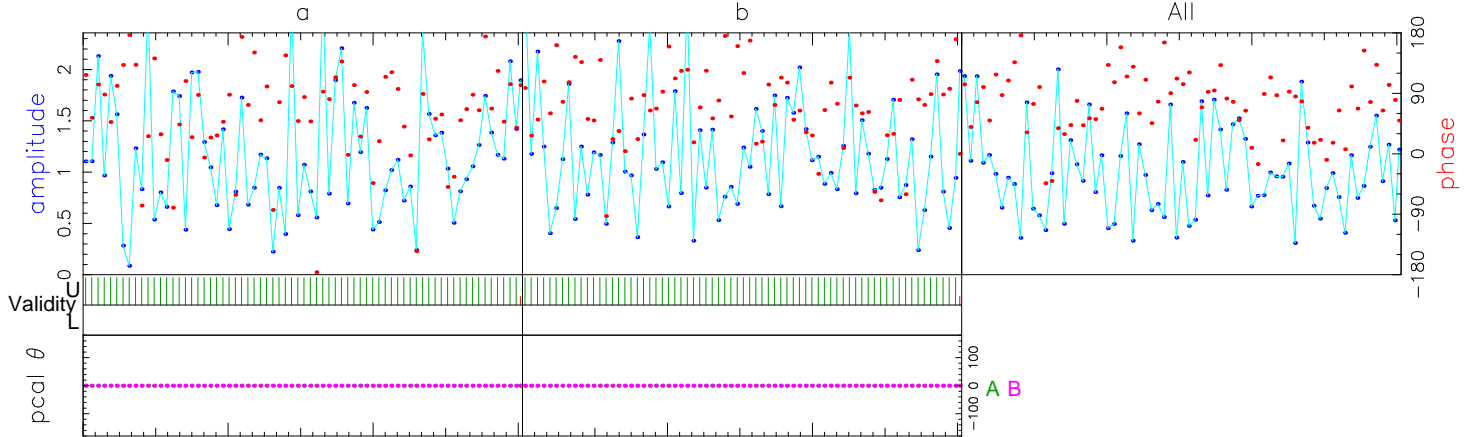


delay rate (ns/s)



Exp. c211d
 Exper # 16383
 Yr:day 2021:117
 Start 011000.00
 Stop 011300.22
 FRT 011130.00
 Corr/FF/build
 2021:194:235021
 2021:195:064722
 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				
74.7	76.7	Phase	75.8				
0.7	0.8	Ampl.	0.8				
7428.3	7428.4	Sbd box	7428.4				
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 W01UY	W02UY	Chan ids					
B W02UR	W03UR	Tracks					
		Chan ids					
		Tracks					
Group delay (usec)(sbd)	-2.10760009686E+03	Apriori delay (usec)	-2.10761192053E+03	Resid mbdelay (usec)	-5.24299E-03	+/-	4.0E-04
Sband delay (usec)	-2.10759747336E+03	Apriori clock (usec)	-2.0855352E+03	Resid sbdelay (usec)	1.44472E-02	+/-	6.9E-04
Phase delay (usec)	-2.10761191809E+03	Apriori clockrate (us/s)	-1.2300000E-06	Resid phdelay (usec)	2.44320E-06	+/-	2.7E-07
Delay rate (us/s)	3.21954375665E-01	Apriori rate (us/s)	3.21953484093E-01	Resid rate (us/s)	8.91572E-07	+/-	2.6E-09
Total phase (deg)	-292.9	Apriori accel (us/s/s)	-8.21951718434E-05	Resid phase (deg)	7.5	+/-	8.4

ph/seg (deg)	RMS 45.8	Theor. 35.3	Amplitude Search (1024X8)	0.786 +/- 0.057	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5	sb window (us)	-32.000	32.000
amp/seg (%)	62.2	61.6	Interp.	0.000	Pcal rate: 0.000E+00, 0.000E+00 (us/s)	SampCntNorm: enabled	mb window (us)	-0.009	0.009
ph/frq (deg)	0.0	5.9	Inc. seg. avg.	0.843	Bits/sample: 2x2	Sample rate(MISamp/s): 116	dr window (ns/s)	-0.011	0.011
amp/frq (%)	3.8	10.3	Inc. frq. avg.	0.774	Data rate(Mb/s): 464	nlags: 7424 t_cohere infinite	ion window (TEC)	0.00	0.00

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 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/c211d/v1/1234/No0014/AB..1RFYGV Output file: /Exps/c211d/v1/1234/No0014/AB.W.7.1RFYGV