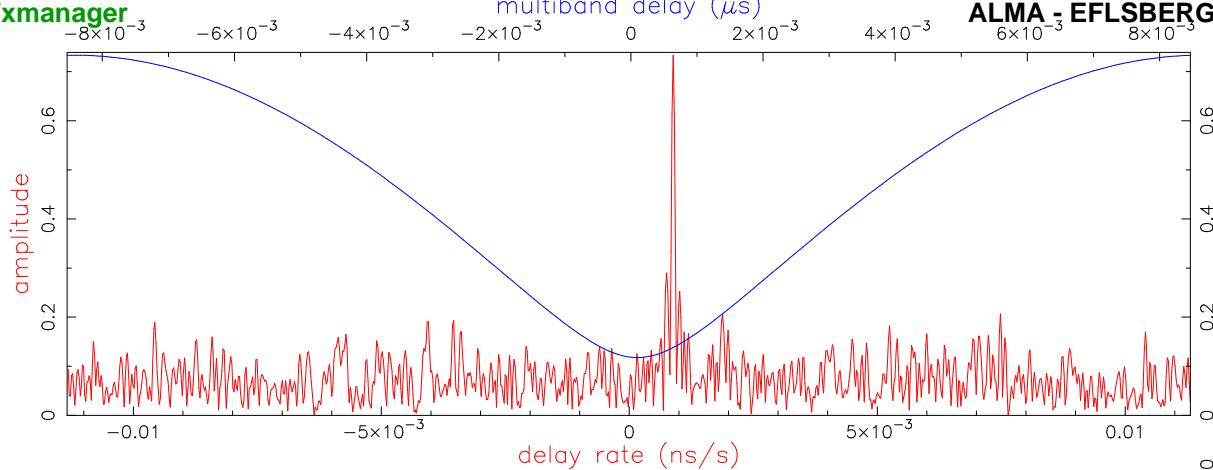


Mk4/DiFX fourfit 3.21 rev 2937

fxmanager

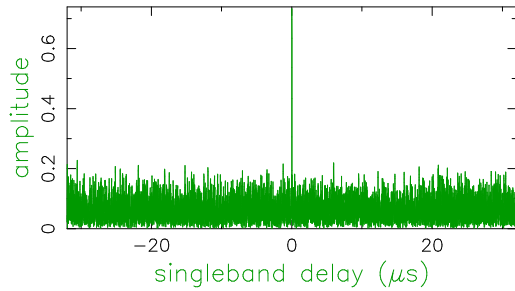
4C39_25.1RFYGV, No0014, AB

ALMA - EFLSBERG, fgroup W, pol XL

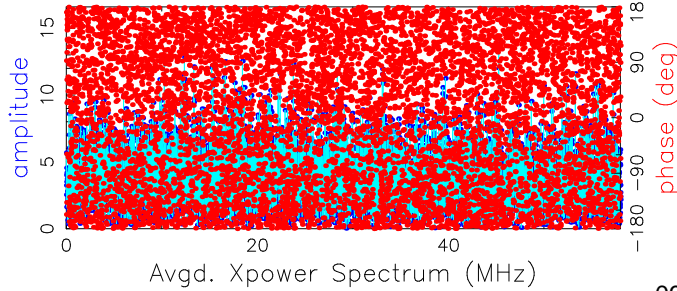


Fringe quality 9

SNR 12.9
 Int time 179.973
 Amp 0.739
 Phase -53.8
 PFD 1.2e-28
 Delays (us)
 SBD 0.011910
 MBD -0.008357
 Fringe rate (Hz)
 0.076732
 Ion TEC 0.000
 Ref freq (MHz)
 86140.0000
 AP (sec) 0.512

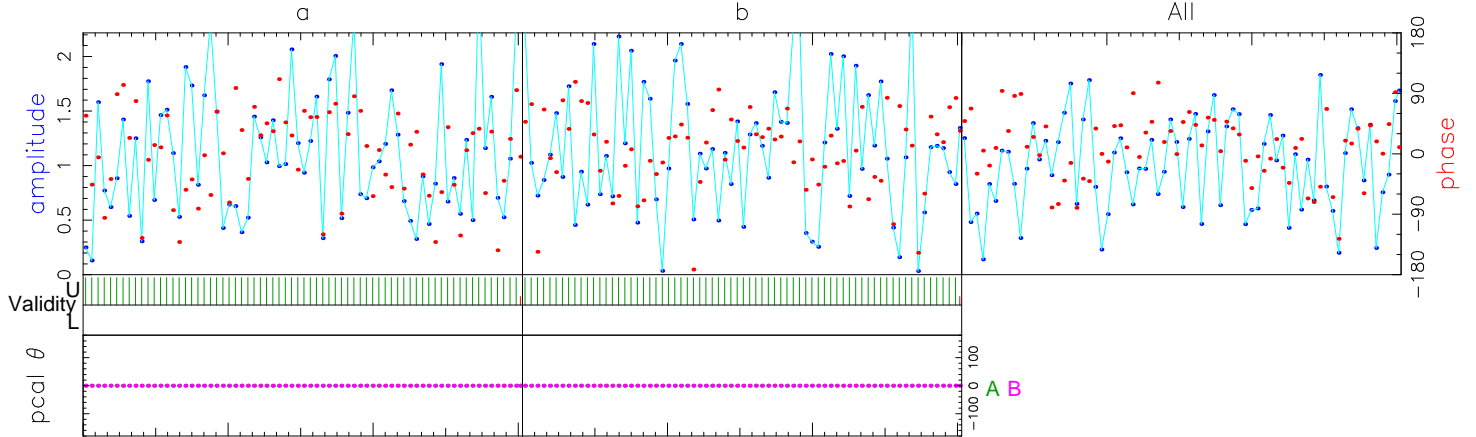


delay rate (ns/s)



Exp. c211d
 Exper # 16383
 Yr:day 2021:117
 Start 011000.00
 Stop 011300.22
 FRT 011130.00
 Corr/FF/build
 2021:194:235021
 2021:195:064712
 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				
15.4	13.8	Phase	14.4				
0.6	0.9	Ampl.	0.7				
7427.6	7427.9	Sbd box	7427.8				
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	Manl PC					
A 1000	1000	PC amp					
B 1000	1000						
A W01UX	W02UX	Chan ids					
B W02UL	W03UL	Tracks					
		Chan ids					
		Tracks					
Group delay (usec)(sbd)	-2.10760321132E+03	Apriori delay (usec)	-2.10761192053E+03	Resid mbdelay (usec)	-8.35746E-03	+/-	4.2E-04
Sband delay (usec)	-2.10760001074E+03	Apriori clock (usec)	-2.0855352E+03	Resid sbdelay (usec)	1.19098E-02	+/-	7.4E-04
Phase delay (usec)	-2.10761192006E+03	Apriori clockrate (us/s)	-1.2300000E-06	Resid phdelay (usec)	4.65882E-07	+/-	2.9E-07
Delay rate (us/s)	3.21954374872E-01	Apriori rate (us/s)	3.21953484093E-01	Resid rate (us/s)	8.90779E-07	+/-	2.8E-09
Total phase (deg)	-354.2	Apriori accel (us/s/s)	-8.21951718434E-05	Resid phase (deg)	-53.8	+/-	8.9

ph/seg (deg)	RMS 48.0	Theor. 37.5	Amplitude Search (1024X8)	0.739 +/- 0.057	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5	sb window (us)	-32.000	32.000
amp/seg (%)	66.3	65.4	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	6.3	Inc. seg. avg.	0.825	Bits/sample: 2x2	Sample rate(MISamp/s): 116	dr window (ns/s)	-0.011	0.011
amp/frq (%)	16.0	11.0	Inc. frq. avg.	0.731	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.1.1RFYGV