

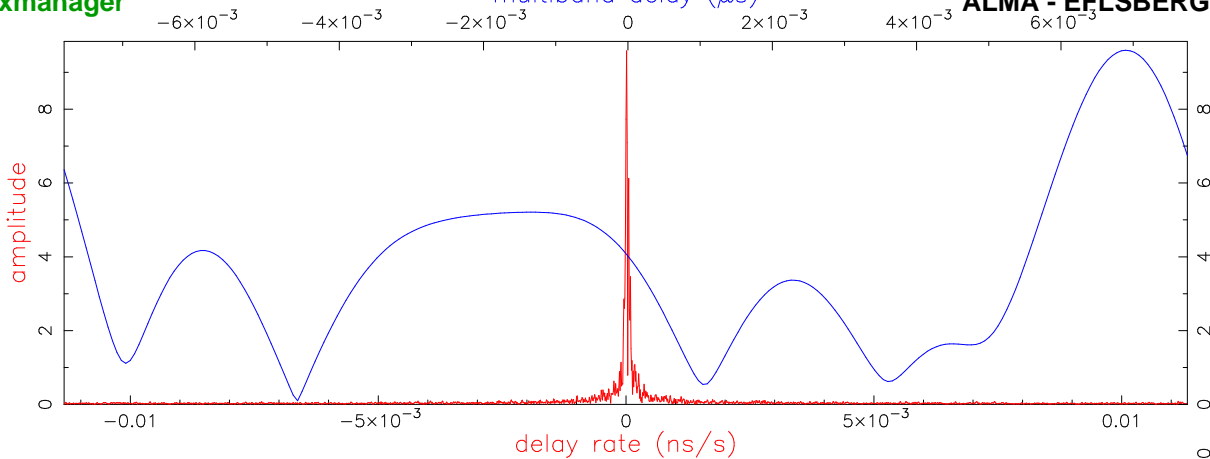
Mk4/DiFX fourfit 3.23 rev 3383

fxmanager

OJ287.21E3YO, No0039, AB

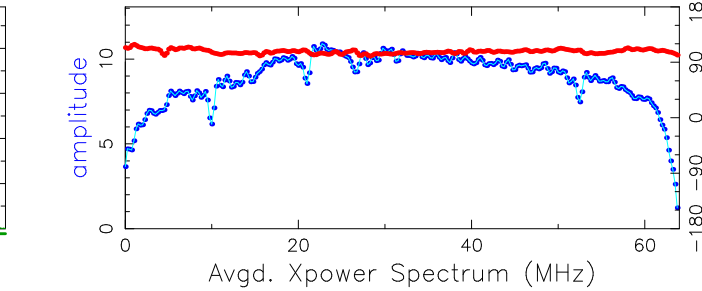
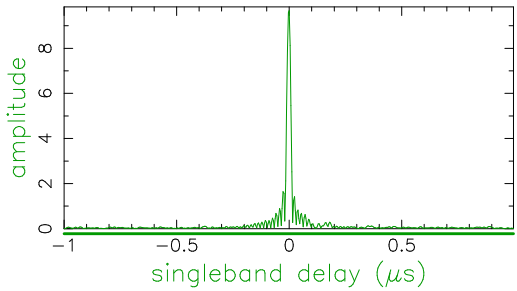
ALMA - EFLSBERG, fgroup W, pol XR

multiband delay ( $\mu$ s)



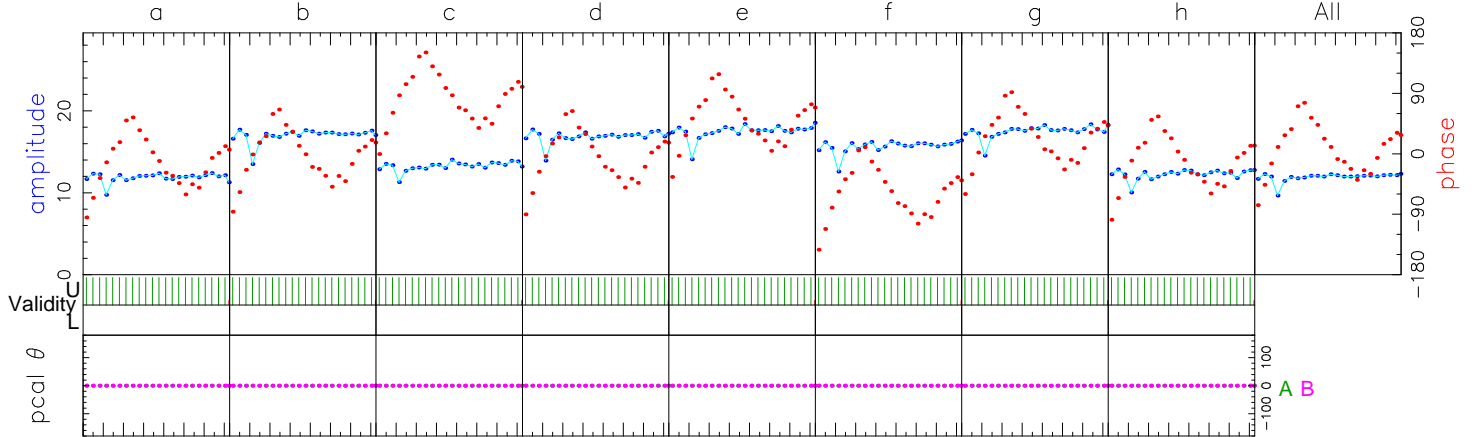
Fringe quality 3

SNR 551.3  
 Int time 419.821  
 Amp 9.839  
 Phase 6.6  
 PFD 0.0e+00  
 Delays (us)  
 SBD -0.001763  
 MBD 0.006965  
 Fringe rate (Hz)  
 0.001228  
 Ion TEC 0.000  
 Ref freq (MHz)  
 86140.0000  
 AP (sec) 0.512



Exp. mg006b  
 Exper # 16383  
 Yr:day 2021:115  
 Start 223000.00  
 Stop 223659.84  
 FRT 223330.00  
 Corr/FF/build  
 2022:023:092951  
 2022:024:142251  
 2021:298:085625  
 RA & Dec (J2000)  
 08h54m48.874928s  
 +20°06'30.640850"

Amp. and Phase vs. time for each freq., 23 segs, 37 APs / seg (18.94 sec / seg.), time ticks 30 sec



	86012.00	86076.00	86140.00	86204.00	86268.00	86332.00	86396.00	86460.00	Freq (MHz)	All
	-14.1	-3.8	82.5	-6.1	49.0	-58.9	22.5	-13.3	Phase	6.6
	9.6	13.7	10.7	13.6	14.0	12.6	14.1	9.9	Ampl.	12.3
	258.1	256.3	255.8	255.9	255.8	256.0	256.1	257.6	Sbd box	256.5
U/L	820/0	820/0	820/0	820/0	820/0	820/0	820/0	820/0	APs used	
A	0	0	0	0	0	0	0	0	PC freqs	
B	0	0	0	0	0	0	0	0	PC freqs	
A:B	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
A:B	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	Manl PC	
A	1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
B	1000	1000	1000	1000	1000	1000	1000	1000		
A	W00UX	W01UX	W02UX	W03UX	W04UX	W05UX	W06UX	W07UX	Chan ids	
B	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Tracks	

Group delay (usec) (SBD)	2.36315142271E+03	Apriori delay (usec)	2.36316008242E+03	Resid mbdelay (usec)	6.96529E-03	+/-	2.0E-06
Sband delay (usec)	2.36315831917E+03	Apriori clock (usec)	-2.0855134E+03	Resid sbdelay (usec)	-1.76325E-03	+/-	1.6E-05
Phase delay (usec)	2.36316008263E+03	Apriori clockrate (us/s)	-3.3000000E-07	Resid phdelay (usec)	2.14163E-07	+/-	6.7E-09
Delay rate (us/s)	1.05978717335E+00	Apriori rate (us/s)	1.05978715910E+00	Resid rate (us/s)	1.42533E-08	+/-	2.8E-11
Total phase (deg)	186.5	Apriori accel (us/s/s)	-6.84998392714E-05	Resid phase (deg)	6.6	+/-	0.2

ph/seg (deg)	RMS 37.4	Theor. 0.5	Amplitude Search (2048X32)	9.839 +/- 0.018	9.393	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5	sb window (us)	-1.000	1.000
amp/seg (%)	21.6	0.9	Interp.	0.000	0.000	Pcal rate: 0.000E+00, 0.000E+00 (us/s)	SampCntNorm: enabled	mb window (us)	-0.008	0.008
ph/frq (deg)	46.9	0.3	Inc. seg. avg.	11.904	11.904	Bits/sample: 2x2	Data rate(MSamp/s): 128 MBpts 32 Amb 0.016 us	dr window (ns/s)	-0.011	0.011
amp/frq (%)	30.7	0.5	Inc. frq. avg.	12.268	12.268	Data rate(Mb/s): 2048	nlags: 256 t_cohere infinite	ion window (TEC)	0.00	0.00

A: az 13.7 el 45.8 pa -166.6      B: az 263.7 el 31.4 pa 42.3      u,v (fr/asec) -6529.026 -11600.079      simultaneous interpolator

Control file: cf\_1234\_gmva      Input file: /Exps/mg006b/v1/1234/No0039/AB..21E3YO      Output file: /Exps/mg006b/v1/1234/No0039/AB.W.47.21E3YO