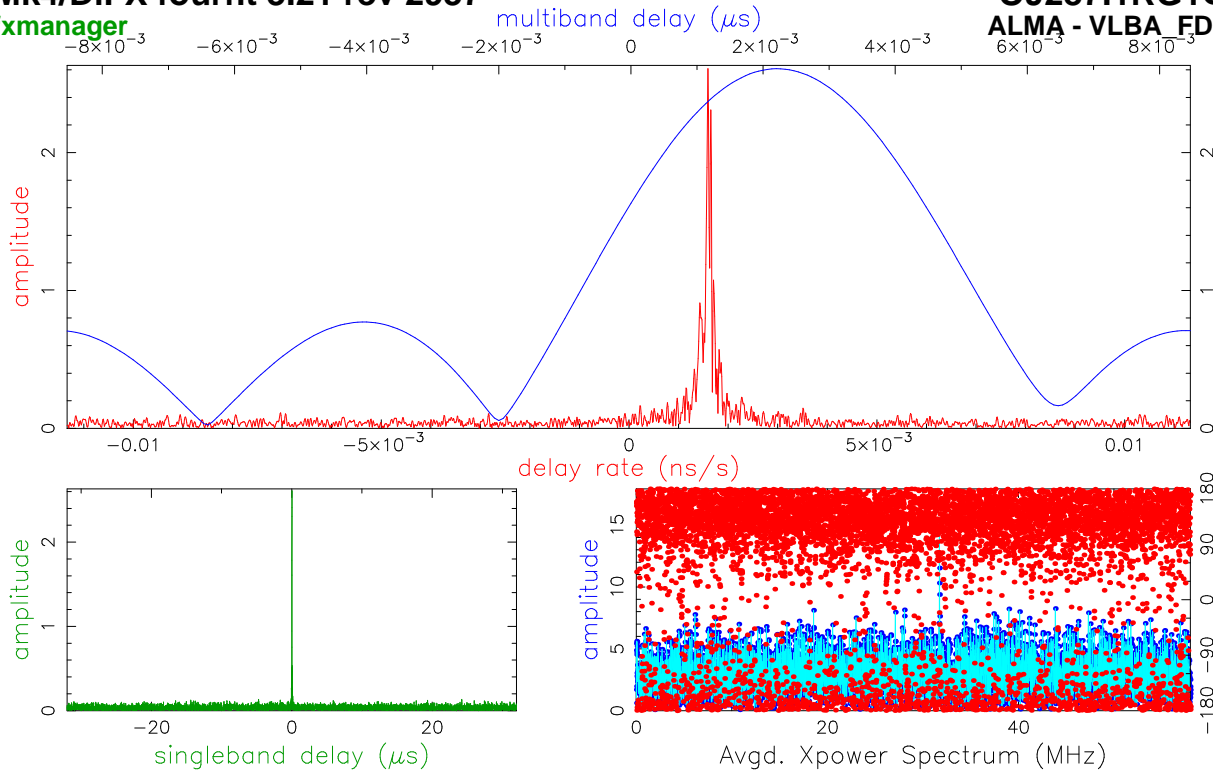


Mk4/DiFX fourfit 3.21 rev 2937

fxmanager

OJ287.1RG1Q3, No0022, Af

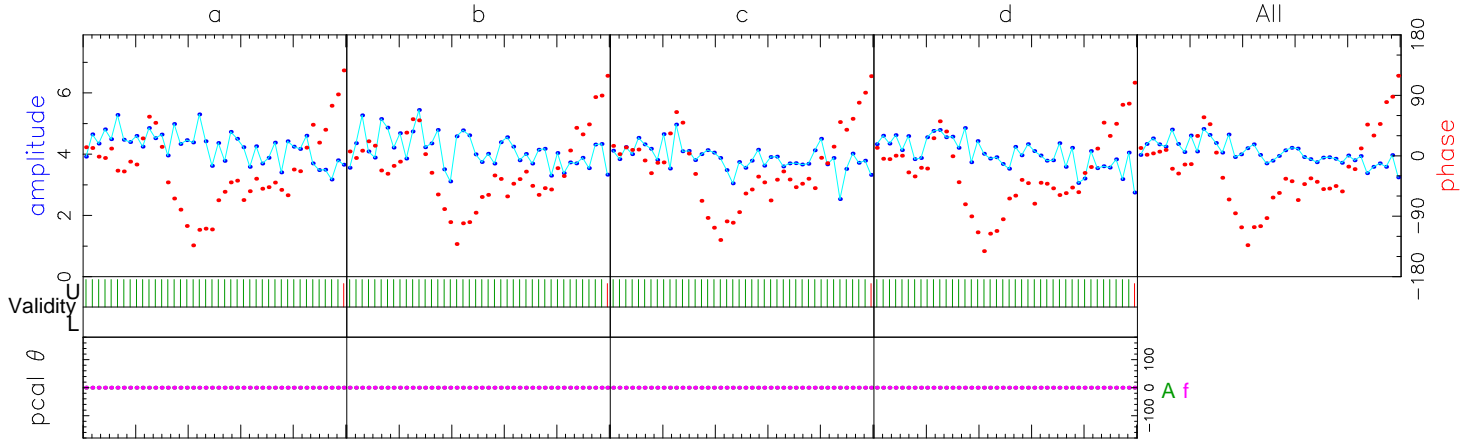
ALMA - VLBA\_FD, fgroup W, pol YR



Fringe quality 5

SNR 83.2  
 Int time 299.973  
 Amp 2.632  
 Phase -90.3  
 PFD 0.0e+00  
 Delays (us)  
 SBD 0.021087  
 MBD 0.002210  
 Fringe rate (Hz) 0.137706  
 Ion TEC 0.000  
 Ref freq (MHz) 86140.0000  
 AP (sec) 0.512  
 Exp. c211d  
 Exper # 16383  
 Yr:day 2021:117  
 Start 022800.00  
 Stop 023300.03  
 FRT 023030.00  
 Corr/FF/build  
 2021:195:010042  
 2021:195:070740  
 2021:057:122453  
 RA & Dec (J2000)  
 08h54m48.874928s  
 +20°06'30.640850"

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
	-24.9	-20.2	-16.7	-26.0	Phase	-22.0
	2.7	2.7	2.5	2.6	Ampl.	2.6
	7429.9	7429.9	7429.9	7429.9	Sbd box	7429.9
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)	-1.37283886650E+04	Apriori delay (usec)	-1.37284079414E+04	Resid mbdelay (usec)	2.20973E-03	+/-	2.9E-05
Sband delay (usec)	-1.37283868540E+04	Apriori clock (usec)	-2.1178708E+03	Resid sbdelay (usec)	2.10874E-02	+/-	1.1E-04
Phase delay (usec)	-1.37284079421E+04	Apriori clockrate (us/s)	-1.3800001E-06	Resid phdelay (usec)	-7.10482E-07	+/-	4.4E-08
Delay rate (us/s)	-7.21830324070E-01	Apriori rate (us/s)	-7.21831922700E-01	Resid rate (us/s)	1.59863E-06	+/-	2.6E-10
Total phase (deg)	-117.0	Apriori accel (us/s/s)	2.70295441594E-05	Resid phase (deg)	-90.3	+/-	1.4

ph/seg (deg)	54.6	Theor.	4.5	Amplitude	2.632 +/- 0.032	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5		
amp/seg (%)	56.9	Search (2048X16)	2.549	Interp.	0.000	Pcal rate: 0.000E+00, 0.000E+00 (us/s)	sb window (us)	-32.000 32.000	
ph/frq (deg)	5.3	Inc. seg. avg.	4.076	Inc. frq. avg.	2.634	Bits/sample: 2x2	SampCntNorm: enabled	mb window (us)	-0.009 0.009
amp/frq (%)	3.1	Inc. frq. avg.	2.634			Sample rate(MISamp/s): 116	dr window (ns/s)	-0.011 0.011	
						Data rate(Mb/s): 928	ion window (TEC)	0.00 0.00	
						nlags: 7424 t_cohere infinite			

A: az 307.1 el 24.6 pa 128.6 f: az 234.0 el 73.3 pa 48.4 u,v (fr/asec) 4435.374 -6714.016 simultaneous interpolator  
 Control file: cf\_1234\_gmva Input file: /Exps/c211d/v1/1234/No0022/Af..1RG1Q3 Output file: /Exps/c211d/v1/1234/No0022/Af.W.6.1RG1Q3