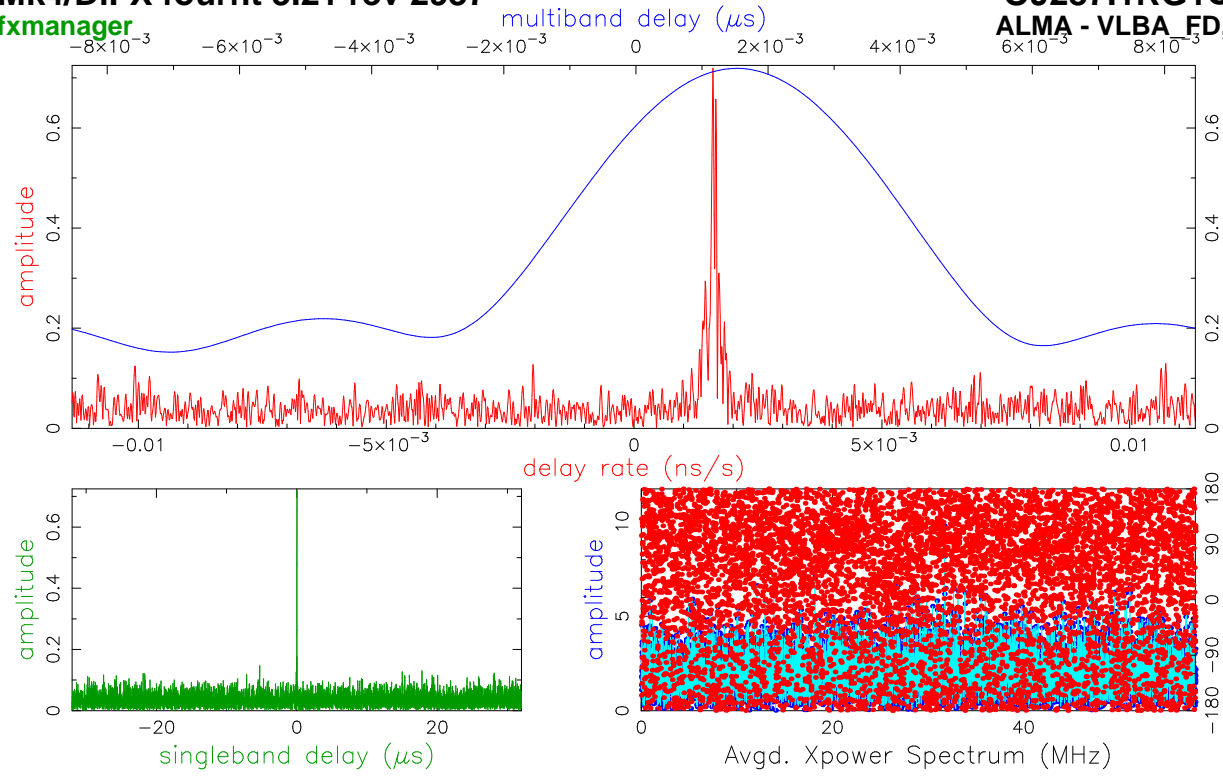


Mk4/DiFX fourfit 3.21 rev 2937

fxmanager

OJ287.1RG1Q3, No0022, Af

ALMA - VLBA FD, fgroup W, pol XL

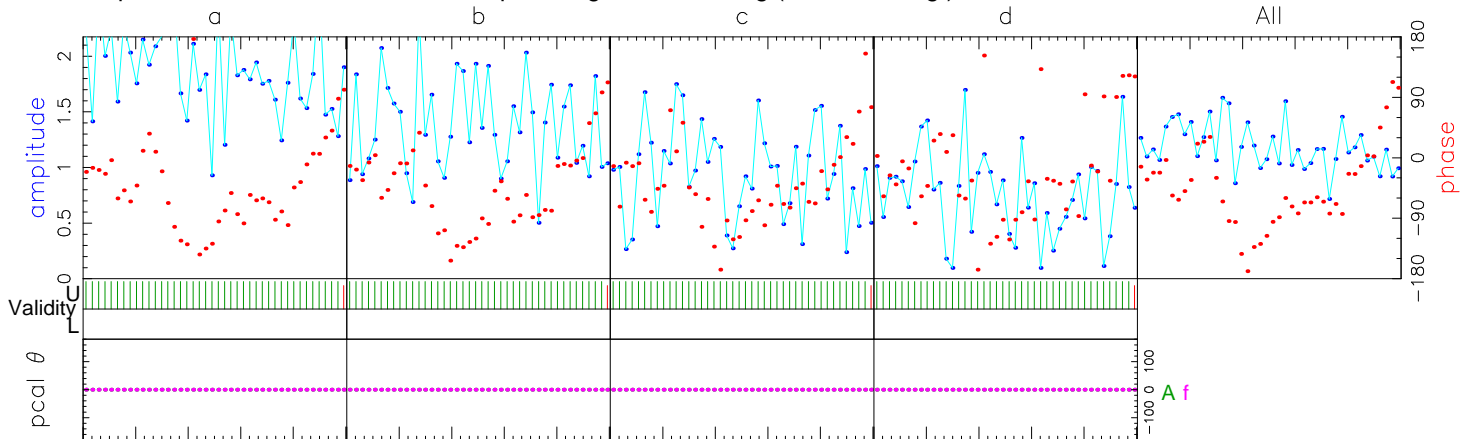


Fringe quality 7

SNR 22.9
 Int time 299.973
 Amp 0.725
 Phase -118.1
 PFD 0.0e+00
 Delays (us)
 SBD 0.021418
 MBD 0.001528
 Fringe rate (Hz)
 0.137544
 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
 2021:195:070704
 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
	-49.1	-51.3	-49.8	-48.8	Phase	-49.8
	1.2	0.8	0.6	0.3	Ampl.	0.7
	7430.0	7430.1	7429.6	7430.3	Sbd box	7430.0
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	W00UX	W01UX	W02UX	W03UX	Chan ids	
f	W01UL	W02UL	W03UL	W04UL	Tracks	
					Chan ids	
					Tracks	
Group delay (usec)(sbd)	-1.37283893469E+04		Apriori delay (usec)	-1.37284079414E+04	Resid mbdelay (usec)	1.52781E-03 +/- 1.1E-04
Sband delay (usec)	-1.37283865229E+04		Apriori clock (usec)	-2.1178708E+03	Resid sbdelay (usec)	2.14185E-02 +/- 4.1E-04
Phase delay (usec)	-1.37284079430E+04		Apriori clockrate (us/s)	-1.3800001E-06	Resid phdelay (usec)	-1.60680E-06 +/- 1.6E-07
Delay rate (us/s)	-7.21830325946E-01		Apriori rate (us/s)	-7.21831922700E-01	Resid rate (us/s)	1.59675E-06 +/- 9.3E-10
Total phase (deg)		-144.8	Apriori accel (us/s/s)	2.70295441594E-05	Resid phase (deg)	-118.1 +/- 5.0

ph/seg (deg) RMS Theor. Amplitude 0.725 +/- 0.032 Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5
 amp/seg (%) 61.0 16.2 Search (2048X16) 0.712 Pcal rate: 0.000E+00, 0.000E+00 (us/s) sb window (us) -32.000 32.000
 ph/frq (deg) 71.4 28.3 Interp. 0.000 Bits/sample: 2x2 SampCntNorm: enabled mb window (us) -0.009 0.009
 amp/frq (%) 1.4 5.0 Inc. seg. avg. 1.153 Sample rate(MISamp/s): 116 dr window (ns/s) -0.011 0.011
 amp/frq (%) 41.7 8.7 Inc. frq. avg. 0.722 Data rate(Mb/s): 928 nlags: 7424 t_cohere infinite ion window (TEC) 0.00 0.00

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.3.1RG1Q3