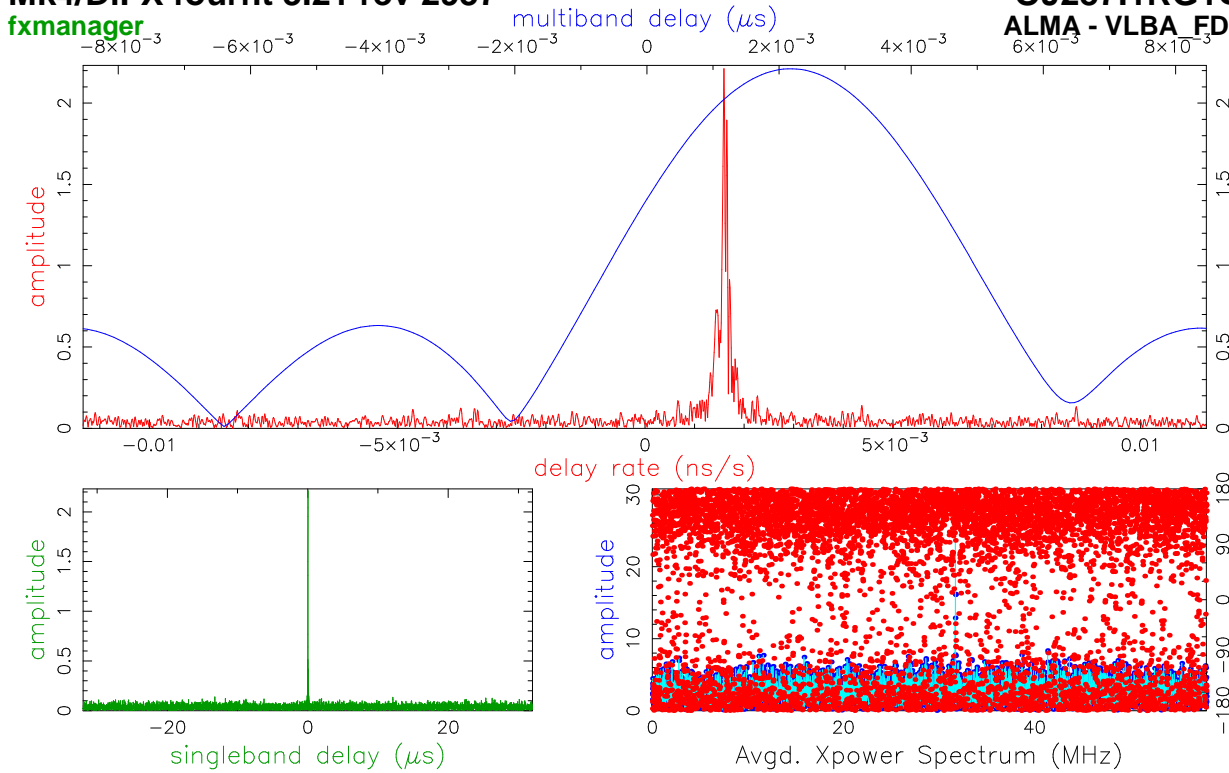


Mk4/DiFX fourfit 3.21 rev 2937

fxmanager

OJ287.1RG1Q3, No0022, Af

ALMA - VLBA_FD, fgroup W, pol XR

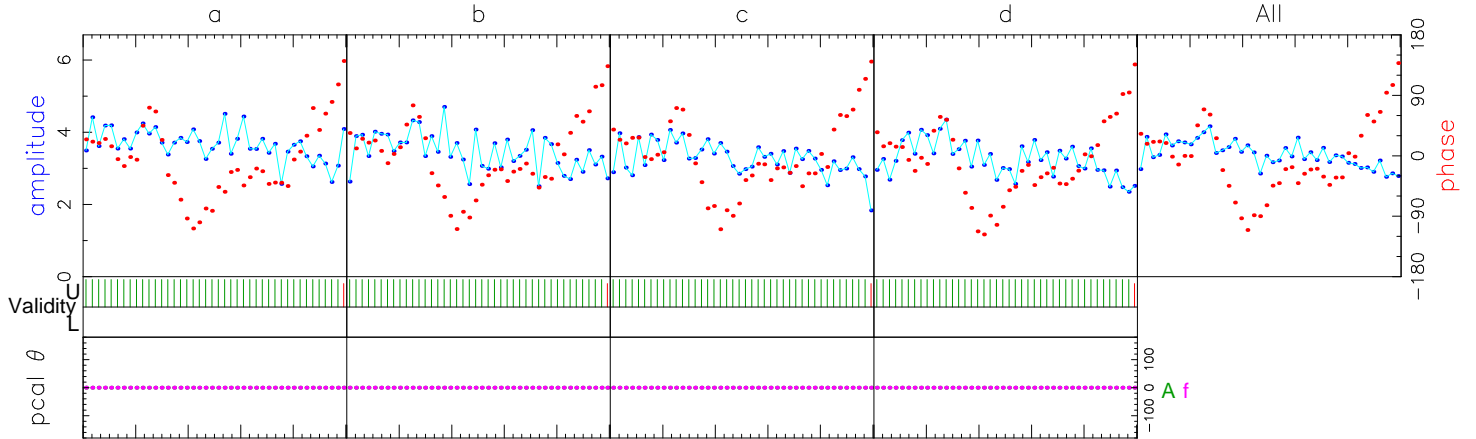


Fringe quality 5

SNR 70.6
Int time 299.973
Amp 2.232
Phase -74.7
PFD 0.0e+00
Delays (us)
SBD 0.021083
MBD 0.002176
Fringe rate (Hz) 0.137689
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
2021:195:070816
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
	-9.8	-3.4	-2.1	-10.4	Phase	-6.5
	2.3	2.3	2.1	2.2	Ampl.	2.2
	7430.0	7429.9	7429.9	7429.8	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	ManI PC	
A	1000	1000	1000	1000	PC amp	
f	1000	1000	1000	1000		
A	W00UX	W01UX	W02UX	W03UX	Chan ids	
f	W01UR	W02UR	W03UR	W04UR	Tracks	
					Chan ids	
					Tracks	
Group delay (usec)(sbd)	-1.37283886985E+04		Apriori delay (usec)	-1.37284079414E+04	Resid mbdelay (usec)	2.17627E-03 +/- 3.4E-05
Sband delay (usec)	-1.37283868581E+04		Apriori clock (usec)	-2.1178708E+03	Resid sbdelay (usec)	2.10833E-02 +/- 1.3E-04
Phase delay (usec)	-1.37284079416E+04		Apriori clockrate (us/s)	-1.3800001E-06	Resid phdelay (usec)	-2.08381E-07 +/- 5.2E-08
Delay rate (us/s)	-7.21830324265E-01		Apriori rate (us/s)	-7.21831922700E-01	Resid rate (us/s)	1.59843E-06 +/- 3.0E-10
Total phase (deg)		-101.4	Apriori accel (us/s/s)	2.70295441594E-05	Resid phase (deg)	-74.7 +/- 1.6

	RMS	Theor.	Amplitude	2.232 +/- 0.032	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5
ph/seg (deg)	54.3	5.3	Search (2048X16)	2.164	Pcal rate: 0.000E+00, 0.000E+00 (us/s)	sb window (us) -32.000 32.000
amp/seg (%)	55.7	9.2	Interp.	0.000	Bits/sample: 2x2	mb window (us) -0.009 0.009
ph/frq (deg)	5.2	1.6	Inc. seg. avg.	3.412	Sample rate(MISamp/s): 116	dr window (ns/s) -0.011 0.011
amp/frq (%)	3.7	2.8	Inc. frq. avg.	2.233	Data rate(Mb/s): 928	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.8.1RG1Q3