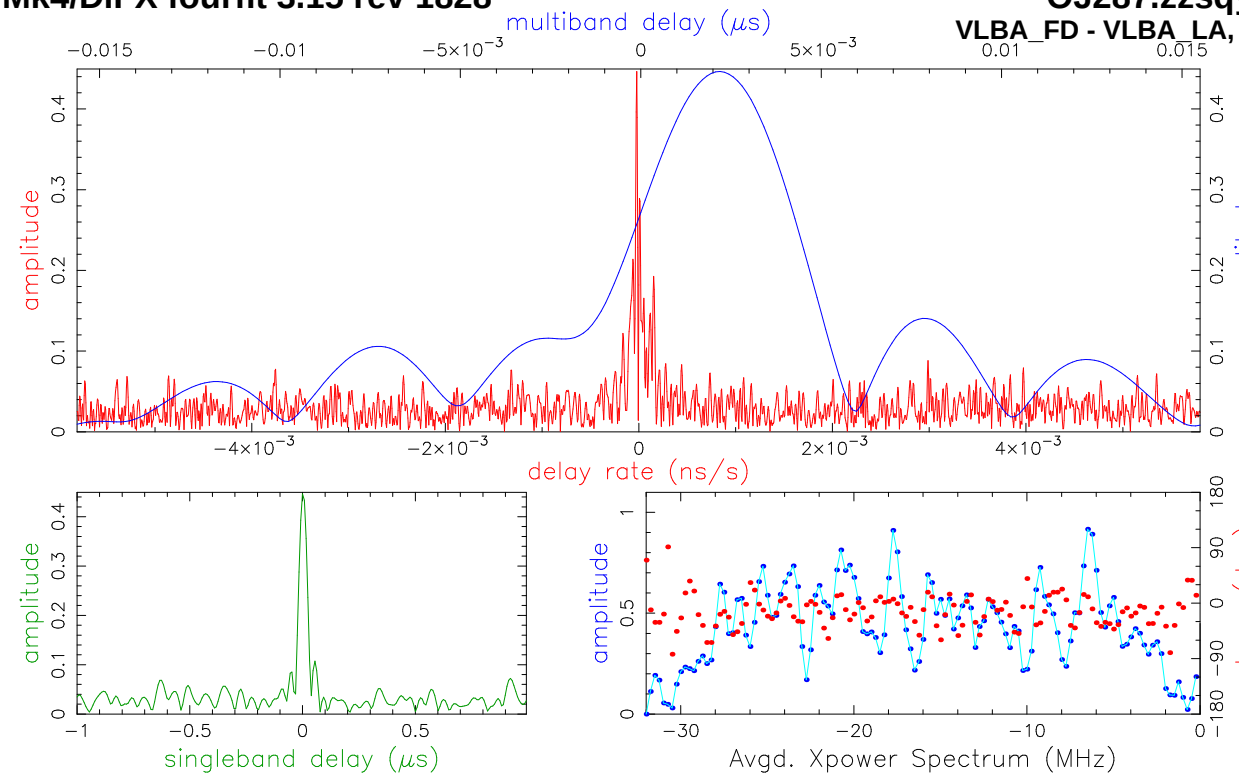
Mk4/DiFX fourfit 3.15 rev 1828

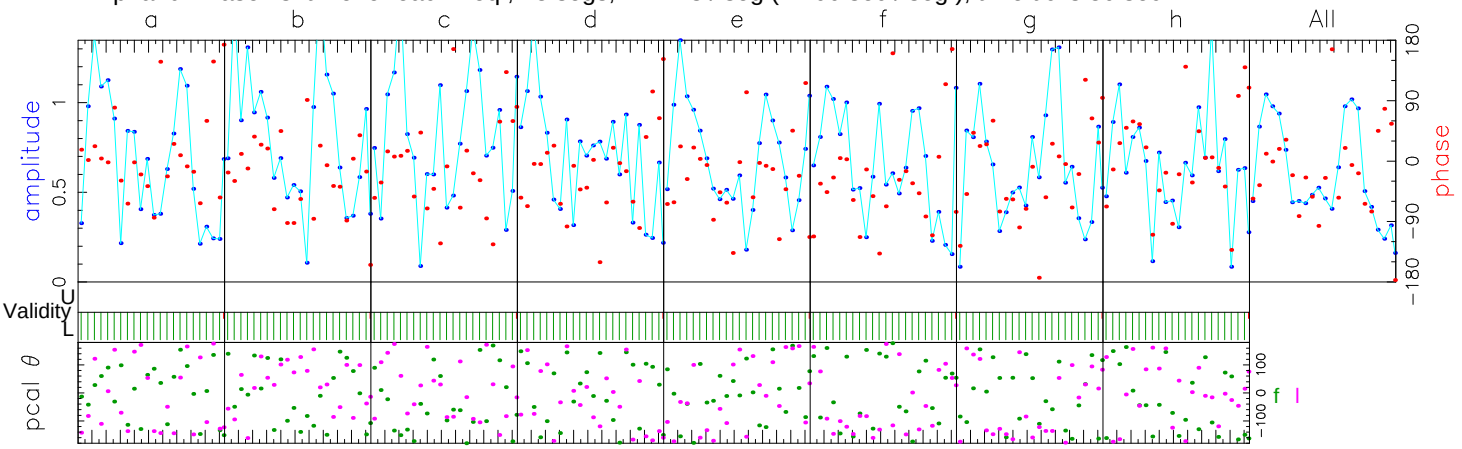
OJ287.zzsqyc, No0007, fl

VLBA_FD - VLBA_LA, fgroup W, pol LL



Fringe quality	9
SNR	21.3
Int time	599.980
Amp	0.450
Phase	-15.0
PFD	0.0e+00
Delays (us)	
SBD	0.002374
MBD	0.002171
Fringe rate (Hz)	
	-0.001745
Ion TEC	0.000
Ref freq (MHz)	
	86140.0000
AP (sec)	1.000
Exp.	c172b
Exper #	16383
Yr:day	2017:272
Start	142001.00
Stop	143001.00
FRT	142501.00
Corr/FF/build	
	2018:047:104031
	2018:051:154006
	2017:188:152524
RA & Dec (J2000)	
	08h54m48.8749s
	+20°06'30.641"

Amp. and Phase vs. time for each freq., 23 segs, 27 APs / seg (27.00 sec / seg.), time ticks 30 sec



	86156.00	86188.00	86220.00	86252.00	86284.00	86316.00	86348.00	86380.00	Freq (MHz)	All
	-0.0	-12.1	-18.9	-27.5	-21.8	-48.5	-4.7	13.7	Phase	-15.0
	0.5	0.6	0.5	0.5	0.5	0.4	0.4	0.4	Ampl.	0.5
	129.5	129.0	129.2	129.2	129.3	129.2	129.8	129.1	Sbd box	129.3
U/L	0/600	0/600	0/600	0/600	0/600	0/600	0/600	0/600	APs used	
f	-1000	-1000	-1000	-1000	-1000	-1000	-1000	-1000	PC freqs	
I	-1000	-1000	-1000	-1000	-1000	-1000	-1000	-1000	PC freqs	
f:I	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
f:I	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	Manl PC	
f	1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
I	1000	1000	1000	1000	1000	1000	1000	1000		
f	W00LL	W01LL	W02LL	W03LL	W04LL	W05LL	W06LL	W07LL	Chan ids Tracks	
I	W00LL	W01LL	W02LL	W03LL	W04LL	W05LL	W06LL	W07LL	Chan ids Tracks	

Group delay (usec)(sbd)	5.73651335370E+02	Apriori delay (usec)	5.73649164161E+02	Resid mbdelay (usec)	2.17121E-03	+/-	1.0E-04
Sband delay (usec)	5.73651538161E+02	Apriori clock (usec)	6.6316738E+00	Resid sbdelay (usec)	2.37400E-03	+/-	8.1E-04
Phase delay (usec)	5.73649163678E+02	Apriori clockrate (us/s)	-2.1700000E-07	Resid phdelay (usec)	-4.82896E-07	+/-	1.7E-07
Delay rate (us/s)	-2.99306356911E-02	Apriori rate (us/s)	-2.99306154334E-02	Resid rate (us/s)	-2.02577E-08	+/-	5.0E-10
Total phase (deg)	-14.7	Apriori accel (us/s/s)	-5.91539561725E-06	Resid phase (deg)	-15.0	+/-	5.4

	RMS	Theor.		
			Amplitude	0.450 +/- 0.021
ph/seg (deg)	61.0	12.9	Search (2048X32)	0.434
amp/seg (%)	69.4	22.5	Interp.	0.000
ph/frq (deg)	20.4	7.6	Inc. seg. avg.	0.599
amp/frq (%)	15.3	13.3	Inc. frq. avg.	0.462

Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5
Pcal rate: 0.000E+00, 0.000E+00 (us/s)
Bits/sample: 2x2 SampCntNorm: enabled
Sample rate(MSamp/s): 64
Data rate(Mb/s): 1024 nlags: 128 t_cohere infinite

sb window (us)	-1.000	1.000
mb window (us)	-0.016	0.016
dr window (ns/s)	-0.006	0.006
ion window (TEC)	0.00	0.00

f: az 125.9 el 73.3 pa -46.5 l: az 132.7 el 68.5 pa -37.6 u,v (fr/asec) 172.578 -794.972 simultaneous interpolator

Control file: cf_1234 Input file: /Exps/c172b/v2_v1_merge/merged/1234/No0007/fl..zzsqyc Output file: /Exps/c172b/v2_v1_merge/merged/1234/No0007/fl.W.29.zzsqyc