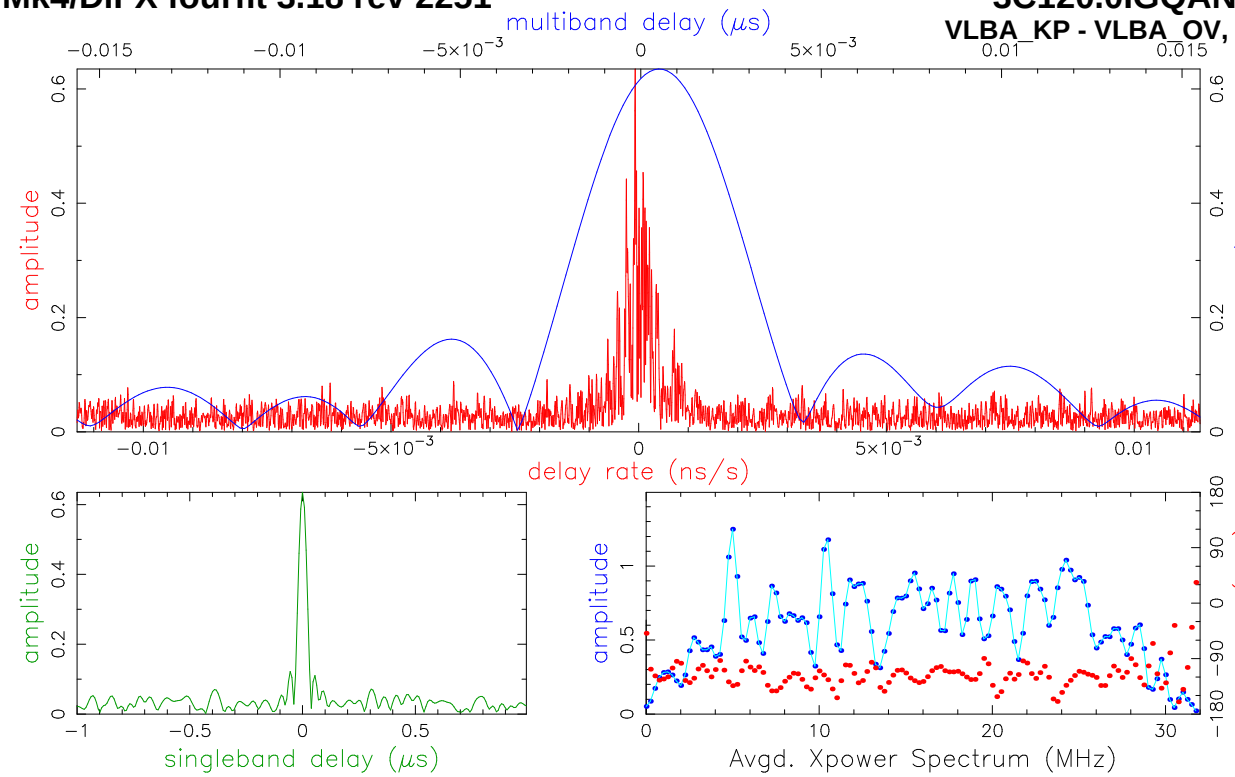
Mk4/DiFX fourfit 3.18 rev 2251

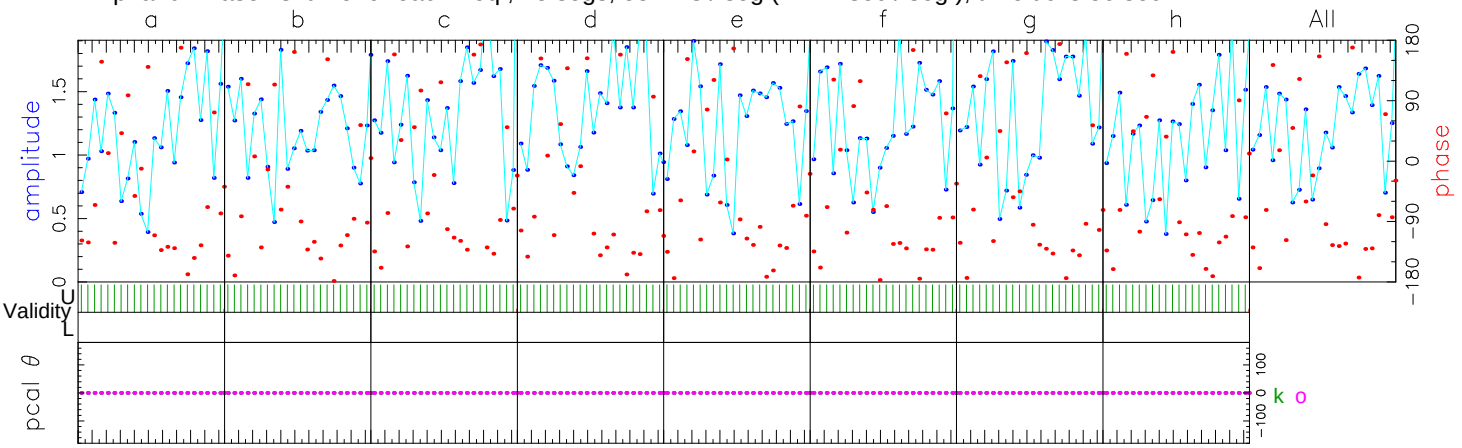
3C120.0IGQAN, No0008, ko

VLBA_KP - VLBA_OV, fgroup W, pol RR



Fringe quality	7
SNR	30.1
Int time	599.875
Amp	0.635
Phase	-121.1
PFD	0.0e+00
Delays (us)	
SBD	0.000212
MBD	0.000509
Fringe rate (Hz)	
	-0.006394
Ion TEC	0.000
Ref freq (MHz)	
	86140.0000
AP (sec)	0.512
Exp.	c182c
Exper #	16383
Yr:day	2018:273
Start	101500.00
Stop	102500.06
FRT	102000.00
Corr/FF/build	
	2019:051:132855
	2019:051:153717
	2018:249:082454
RA & Dec (J2000)	
	04h33m11.0955s
	+5°21'15.619"

Amp. and Phase vs. time for each freq., 23 segs, 53 APs / seg (27.14 sec / seg.), time ticks 30 sec



	86124.00	86156.00	86188.00	86220.00	86252.00	86284.00	86316.00	86348.00	Freq (MHz)	All
	-116.9	-120.8	-124.3	-128.0	-113.1	-121.7	-125.1	-117.3	Phase	-121.1
	0.6	0.6	0.7	0.7	0.6	0.6	0.7	0.6	Ampl.	0.6
	129.7	129.0	128.8	129.5	128.8	128.7	128.7	129.0	Sbd box	129.0
U/L	1172/0	1172/0	1172/0	1172/0	1172/0	1172/0	1172/0	1172/0	APs used	
k	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
o	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
k:o	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
k:o	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	Manl PC	
k	1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
o	1000	1000	1000	1000	1000	1000	1000	1000		
k	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Chan ids Tracks	
o	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Chan ids Tracks	

Group delay (usec)(sbd)	1.55231101142E+03	Apriori delay (usec)	1.55231050249E+03	Resid mbdelay (usec)	5.08930E-04	+/-	7.2E-05
Sband delay (usec)	1.55231071449E+03	Apriori clock (usec)	-1.0251586E+01	Resid sbdelay (usec)	2.12000E-04	+/-	5.7E-04
Phase delay (usec)	1.55231049858E+03	Apriori clockrate (us/s)	-1.9401998E-07	Resid phdelay (usec)	-3.90673E-06	+/-	1.2E-07
Delay rate (us/s)	-1.12791581520E-01	Apriori rate (us/s)	-1.12791507288E-01	Resid rate (us/s)	-7.42320E-08	+/-	3.5E-10
Total phase (deg)	125.3	Apriori accel (us/s/s)	-9.11119935331E-06	Resid phase (deg)	-121.1	+/-	3.8

	RMS	Theor.					
			Amplitude	0.635 +/- 0.021	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5	
ph/seg (deg)	78.5	9.1	Search (4096X32)	0.606	Pcal rate: 0.000E+00, 0.000E+00 (us/s)	sb window (us)	-1.000 1.000
amp/seg (%)	106.1	15.9	Interp.	0.000	Bits/sample: 2x2 SampCntNorm: enabled	mb window (us)	-0.016 0.016
ph/frq (deg)	5.3	5.4	Inc. seg. avg.	1.204	Sample rate(MSamp/s): 64	dr window (ns/s)	-0.011 0.011
amp/frq (%)	7.9	9.4	Inc. frq. avg.	0.634	Data rate(Mb/s): 1024 nlags: 128 t_cohere infinite	ion window (TEC)	0.00 0.00

k: az 144.6 el 58.8 pa -27.6 o: az 139.3 el 51.2 pa -30.4 u,v (fr/asec) 630.962 -735.516 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/c182c/v1/1234/No0008/ko..0IGQAN Output file: /Exps/c182c/v1/1234/No0008/ko.W.30.0IGQAN