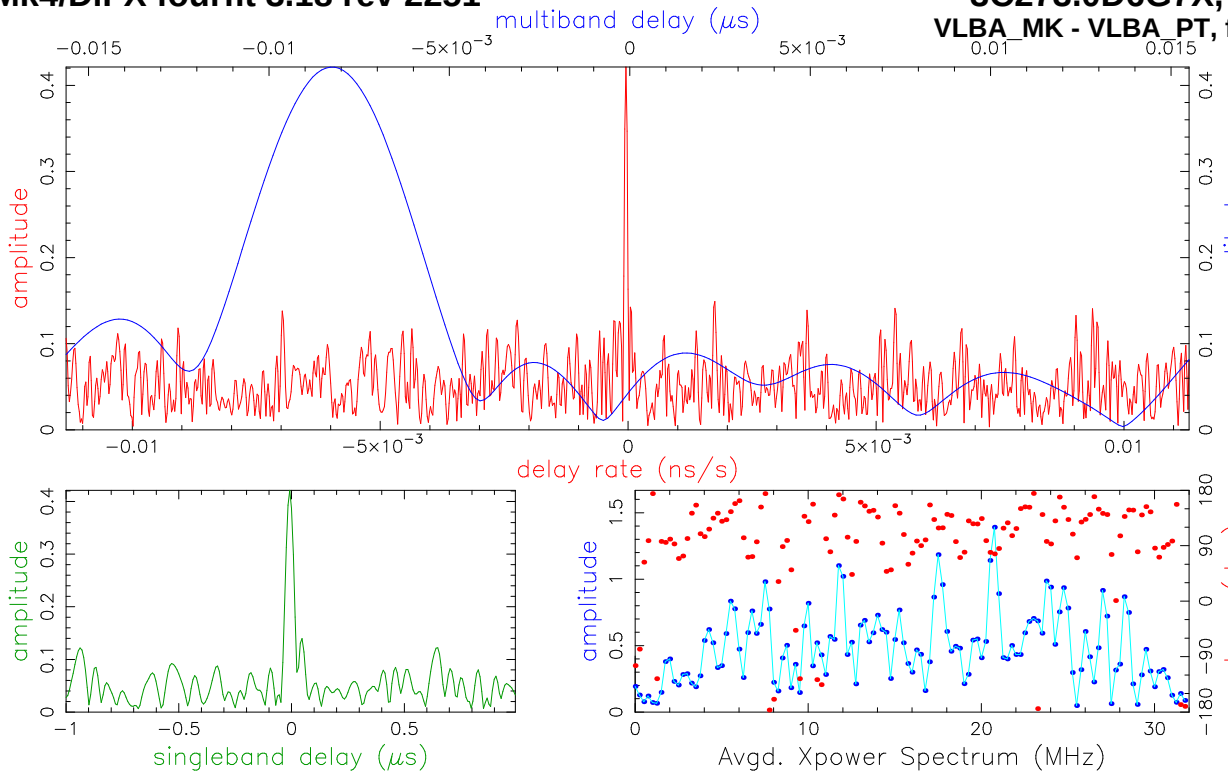
Mk4/DiFX fourfit 3.18 rev 2251

3C273.0D6G7X, No0230, mp

VLBA_MK - VLBA_PT, fgroup W, pol RR

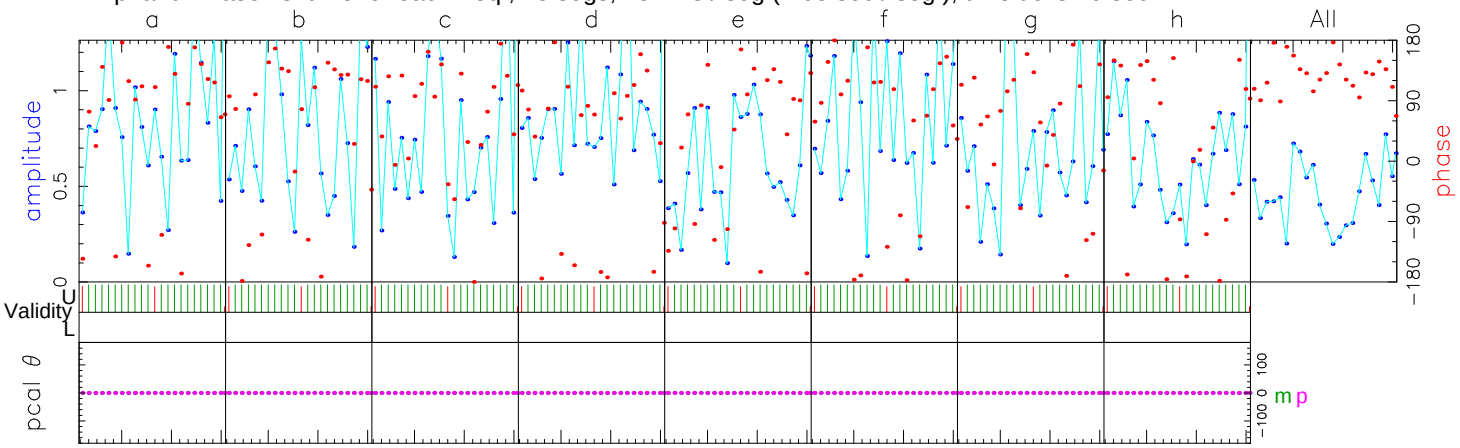


Fringe quality 9

SNR 10.6
Int time 90.375
Amp 0.421
Phase 126.6
PFD 3.2e-18
Delays (us)
SBD -0.008167
MBD -0.008257
Fringe rate (Hz)
-0.003792
Ion TEC 0.000
Ref freq (MHz)
86140.0000
AP (sec) 0.512

Exp. c181a
Exper # 16383
Yr:day 2018:104
Start 063208.51
Stop 063459.01
FRT 063230.00
Corr/FF/build
2018:289:222517
2018:314:003808
2018:249:082454
RA & Dec (J2000)
12h29m 6.6997s
+2°03' 8.598"

Amp. and Phase vs. time for each freq., 23 segs, 15 APs / seg (7.68 sec / seg.), time ticks 10 sec



	86124.00	86156.00	86188.00	86220.00	86252.00	86284.00	86316.00	86348.00	Freq (MHz)	All
	129.8	135.5	112.8	118.3	136.8	135.8	112.8	138.1	Phase	126.6
	0.5	0.5	0.5	0.5	0.3	0.5	0.3	0.3	Ampl.	0.4
	128.5	127.8	128.1	128.5	111.7	127.3	56.1	26.0	Sbd box	128.0
U/L	333/0	333/0	333/0	333/0	333/0	333/0	333/0	333/0	APs used	
m	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
p	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
m:p	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
m:p	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	Manl PC	
m	1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
p	1000	1000	1000	1000	1000	1000	1000	1000		
m	W00UR	W01UR,W01LR	W02UR,W02LR	W03UR,W03LR	W04UR,W04LR	W05UR,W05LR	W06UR,W06LR	W07UR,W07LR	Chan ids	
									Tracks	
p	W00UR	W01UR,W01LR	W02UR,W02LR	W03UR,W03LR	W04UR,W04LR	W05UR,W05LR	W06UR,W06LR	W07UR,W07LR	Chan ids	
									Tracks	

Group delay (usec)(sbd)	-2.91062410816E+03	Apriori delay (usec)	-2.91061585115E+03	Resid mbdelay (usec)	-8.25700E-03	+/-	2.0E-04
Sband delay (usec)	-2.91062401865E+03	Apriori clock (usec)	3.7454042E+00	Resid sbdelay (usec)	-8.16750E-03	+/-	1.6E-03
Phase delay (usec)	-2.91061584707E+03	Apriori clockrate (us/s)	1.1099997E-07	Resid phdelay (usec)	4.08334E-06	+/-	3.5E-07
Delay rate (us/s)	1.09482620384E+00	Apriori rate (us/s)	1.09482624787E+00	Resid rate (us/s)	-4.40269E-08	+/-	6.6E-09
Total phase (deg)	-24.0	Apriori accel (us/s/s)	1.46353984432E-05	Resid phase (deg)	126.6	+/-	10.8

	RMS	Theor.						
			Amplitude	0.421 +/- 0.040	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5		
ph/seg (deg)	25.9	25.9	Search (1024X32)	0.413	Pcal rate: 0.000E+00, 0.000E+00 (us/s)		sb window (us)	-1.000 1.000
amp/seg (%)	40.3	45.2	Interp.	0.000	Bits/sample: 2x2	SampCntNorm: enabled	mb window (us)	-0.016 0.016
ph/frq (deg)	12.0	15.3	Inc. seg. avg.	0.417	Sample rate(MSamp/s): 64		dr window (ns/s)	-0.011 0.011
amp/frq (%)	27.0	26.7	Inc. frq. avg.	0.413	Data rate(Mb/s): 1024	nlags: 128 t_cohere infinite	ion window (TEC)	0.00 0.00

m: az 107.5 el 44.3 pa -63.9 p: az 187.9 el 57.4 pa 7.4 u,v (fr/asec) -6261.463 -1943.804 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/c181a/v2_ML006B/1234/No0230/mp..0D6G7X Output file: /Exps/c181a/v2_ML006B/1234/No0230/mp.W.110.0D6G7X