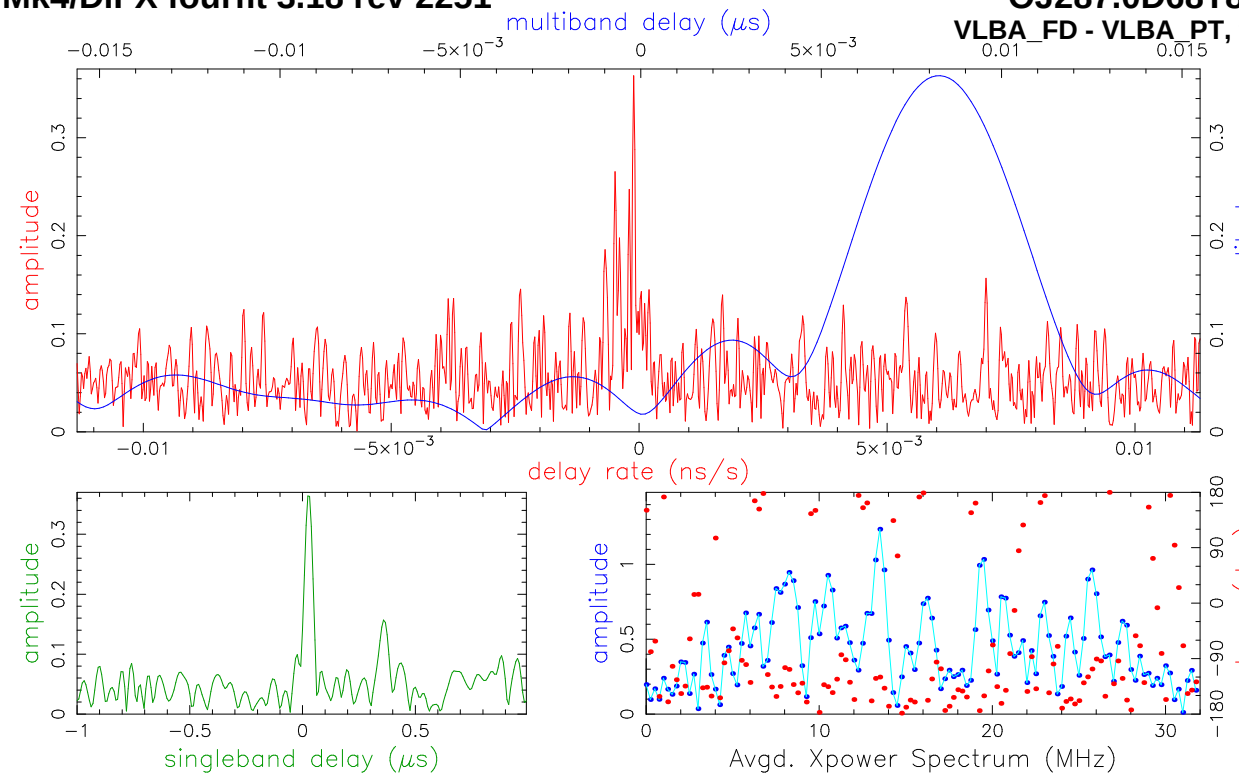
Mk4/DiFX fourfit 3.18 rev 2251

OJ287.0D68T8, No0010, fp

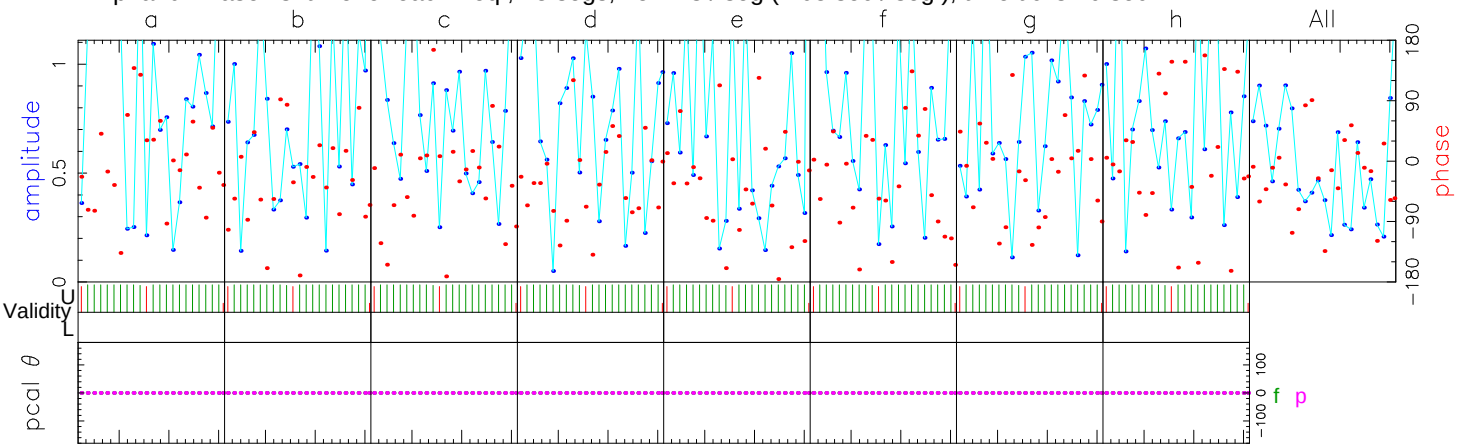
VLBA_FD - VLBA_PT, fgroup W, pol RL



Fringe quality 9

SNR	9.3
Int time	90.823
Amp	0.370
Phase	149.0
PFD	9.7e-13
Delays (us)	
SBD	0.027274
MBD	0.008225
Fringe rate (Hz)	
	-0.010428
Ion TEC	0.000
Ref freq (MHz)	
	86140.0000
AP (sec)	0.512
Exp.	c181a
Exper #	16383
Yr:day	2018:103
Start	001710.51
Stop	002002.03
FRT	001732.00
Corr/FF/build	
	2018:289:131721
	2018:313:182141
	2018:249:082454
RA & Dec (J2000)	
	08h54m48.8749s
	+20°06'30.641"

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
	-17.8	-24.5	-51.0	-41.5	-37.5	-30.4	-15.4	-24.8	Phase	-31.0
	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.2	Ampl.	0.4
	132.9	131.9	193.2	131.6	132.5	133.8	41.4	90.3	Sbd box	132.5
U/L	335/0	335/0	335/0	335/0	335/0	335/0	335/0	335/0	APs used	
f	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
p	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
f:p	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
f:p	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	
p	1000	1000	1000	1000	1000	1000	1000	1000		
f	W00UR	W01UR,W01LR	W02UR,W02LR	W03UR,W03LR	W04UR,W04LR	W05UR,W05LR	W06UR,W06LR	W07UR,W07LR	Chan ids	
									Tracks	
p	W00UL	W01UL,W01LL	W02UL,W02LL	W03UL,W03LL	W04UL,W04LL	W05UL,W05LL	W06UL,W06LL	W07UL,W07LL	Chan ids	
									Tracks	

Group delay (usec)(sbd)	8.53328231649E+02	Apriori delay (usec)	8.53288756250E+02	Resid mbdelay (usec)	8.22540E-03	+/-	2.3E-04
Sband delay (usec)	8.53316030250E+02	Apriori clock (usec)	-1.1760351E+01	Resid sbdelay (usec)	2.72740E-02	+/-	1.8E-03
Phase delay (usec)	8.53288755249E+02	Apriori clockrate (us/s)	-4.7400002E-07	Resid phdelay (usec)	-1.00086E-06	+/-	4.0E-07
Delay rate (us/s)	-4.57769203352E-02	Apriori rate (us/s)	-4.57767992725E-02	Resid rate (us/s)	-1.21063E-07	+/-	7.5E-09
Total phase (deg)	315.8	Apriori accel (us/s/s)	-6.68719300705E-06	Resid phase (deg)	149.0	+/-	12.3

	RMS	Theor.					
			Amplitude	0.370 +/- 0.040	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5	
ph/seg (deg)	58.0	29.4	Search (1024X32)	0.344	Pcal rate: 0.000E+00, 0.000E+00 (us/s)	sb window (us)	-1.000 1.000
amp/seg (%)	78.6	51.4	Interp.	0.000	Bits/sample: 2x2 SampCntNorm: enabled	mb window (us)	-0.016 0.016
ph/frq (deg)	13.2	17.4	Inc. seg. avg.	0.469	Sample rate(MSamp/s): 64	dr window (ns/s)	-0.011 0.011
amp/frq (%)	19.4	30.3	Inc. frq. avg.	0.355	Data rate(Mb/s): 1024 nlags: 128 t_cohere infinite	ion window (TEC)	0.00 0.00

f: az 101.6 el 58.3 pa -63.7 p: az 103.5 el 54.0 pa -58.6 u,v (fr/asec) 271.290 -642.189 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/c181a/v2_ML006A/1234/No0010/fp..0D68T8 Output file: /Exps/c181a/v2_ML006A/1234/No0010/fp.W.20.0D68T8