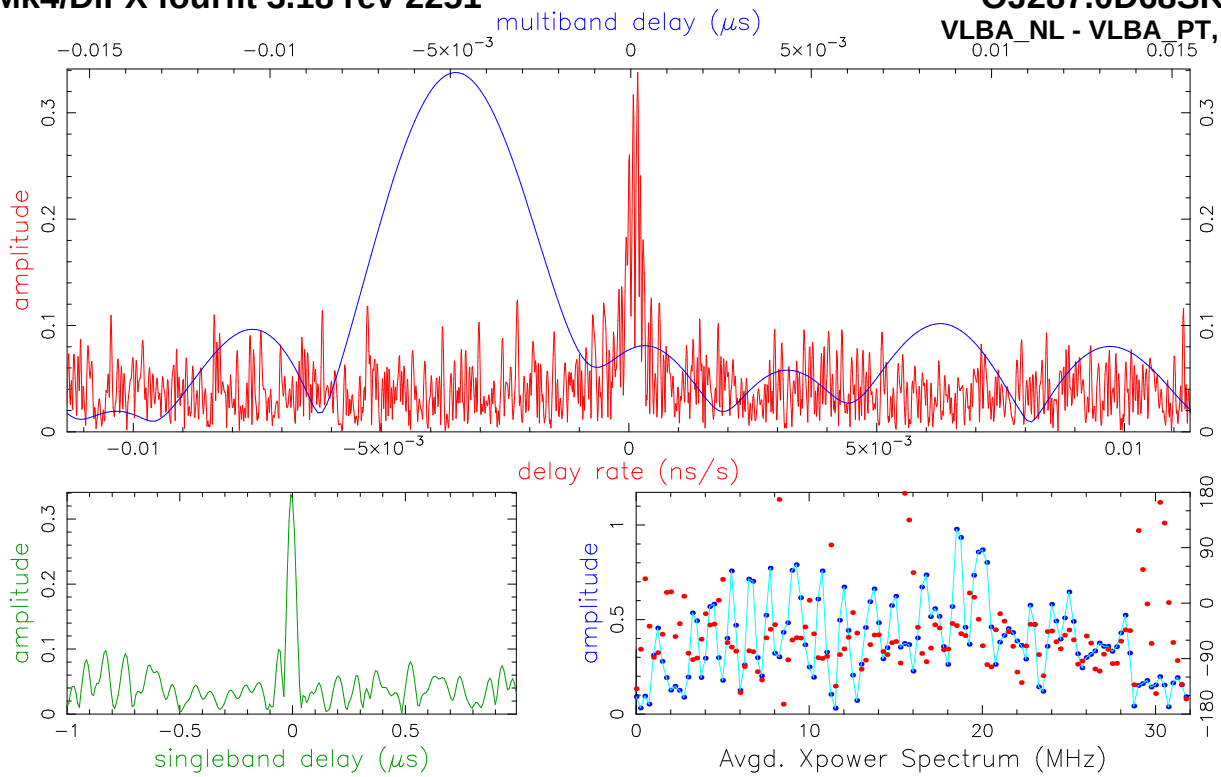
Mk4/DiFX fourfit 3.18 rev 2251

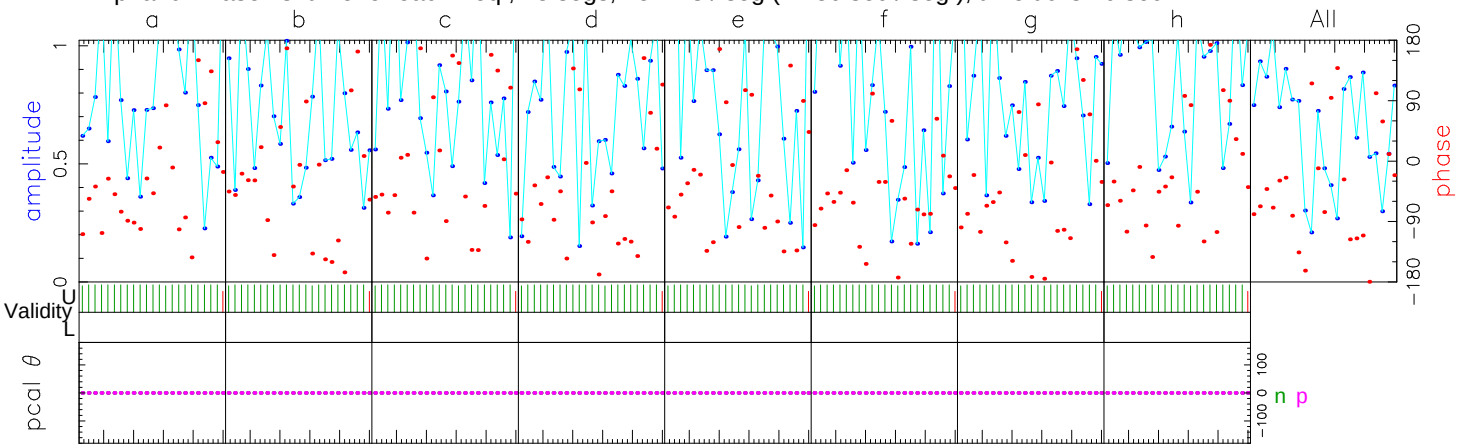
OJ287.0D68SK, No0008, np

VLBA_NL - VLBA_PT, fgroup W, pol RR



Fringe quality	9
SNR	11.2
Int time	154.845
Amp	0.341
Phase	-65.4
PFD	6.1e-21
Delays (us)	
SBD	-0.004978
MBD	-0.004854
Fringe rate (Hz)	0.015721
Ion TEC	0.000
Ref freq (MHz)	86140.0000
AP (sec)	0.512
Exp.	c181a
Exper #	16383
Yr:day	2018:103
Start	000210.51
Stop	000701.84
FRT	000332.00
Corr/FF/build	2018:289:131443 2018:313:181858 2018:249:082454
RA & Dec (J2000)	08h54m48.8749s +20°06'30.641"

Amp. and Phase vs. time for each freq., 23 segs, 25 APs / seg (12.80 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
	-55.1	-67.1	-68.3	-88.5	-70.7	-53.6	-78.0	-56.8	Phase	-65.4
	0.4	0.2	0.3	0.2	0.4	0.5	0.3	0.4	Ampl.	0.3
	128.2	227.4	128.2	246.9	128.1	128.1	128.8	128.1	Sbd box	128.4
U/L	569/0	569/0	569/0	569/0	569/0	569/0	569/0	569/0	APs used	
n	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
p	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
n:p	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
n:p	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	Manl PC	
n	1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
p	1000	1000	1000	1000	1000	1000	1000	1000		
n	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)	1.78652493132E+03	Apriori delay (usec)	1.78652978555E+03	Resid mbdelay (usec)	-4.85424E-03	+/-	1.9E-04
Sband delay (usec)	1.78652480805E+03	Apriori clock (usec)	7.4841833E+00	Resid sbdelay (usec)	-4.97750E-03	+/-	1.5E-03
Phase delay (usec)	1.78652978344E+03	Apriori clockrate (us/s)	-4.0618772E-07	Resid phdelay (usec)	-2.10781E-06	+/-	3.3E-07
Delay rate (us/s)	-3.41637020865E-01	Apriori rate (us/s)	-3.41637203372E-01	Resid rate (us/s)	1.82507E-07	+/-	3.7E-09
Total phase (deg)	196.5	Apriori accel (us/s/s)	-5.50099529438E-06	Resid phase (deg)	-65.4	+/-	10.2

	RMS	Theor.						
			Amplitude	0.341 +/- 0.030	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5		
ph/seg (deg)	87.8	24.4	Search (2048X32)	0.330	Pcal rate: 0.000E+00, 0.000E+00 (us/s)	sb window (us)	-1.000	1.000
amp/seg (%)	115.6	42.7	Interp.	0.000	Bits/sample: 2x2 SampCntNorm: enabled	mb window (us)	-0.016	0.016
ph/frq (deg)	13.2	14.4	Inc. seg. avg.	0.602	Sample rate(MSamp/s): 64	dr window (ns/s)	-0.011	0.011
amp/frq (%)	24.5	25.2	Inc. frq. avg.	0.334	Data rate(Mb/s): 1024 nlags: 128 t_cohere infinite	ion window (TEC)	0.00	0.00

n: az 129.0 el 60.0 pa -37.5 p: az 100.7 el 51.2 pa -59.6 u,v (fr/asec) 2074.563 686.755 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/c181a/v2_ML006A/1234/No0008/np..0D68SK Output file: /Exps/c181a/v2_ML006A/1234/No0008/np.W.122.0D68SK