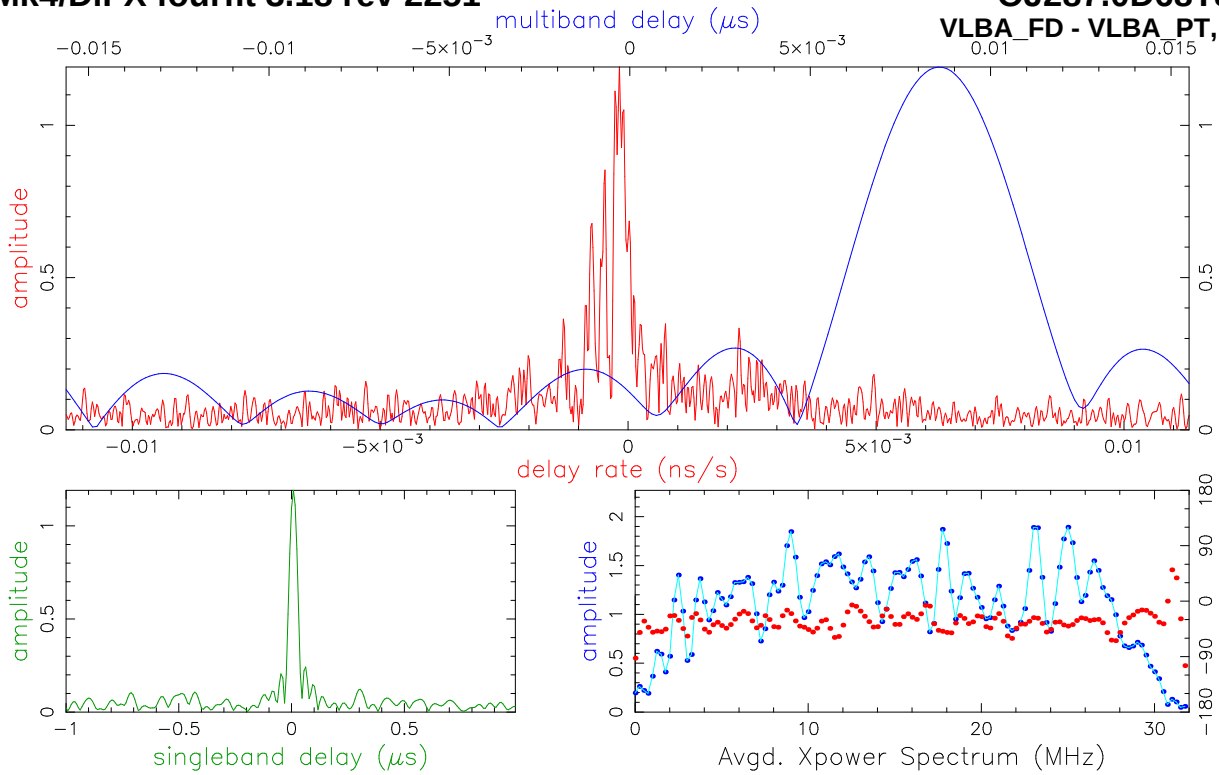
Mk4/DiFX fourfit 3.18 rev 2251

OJ287.0D68T8, No0010, fp

VLBA_FD - VLBA_PT, fgroup W, pol RR

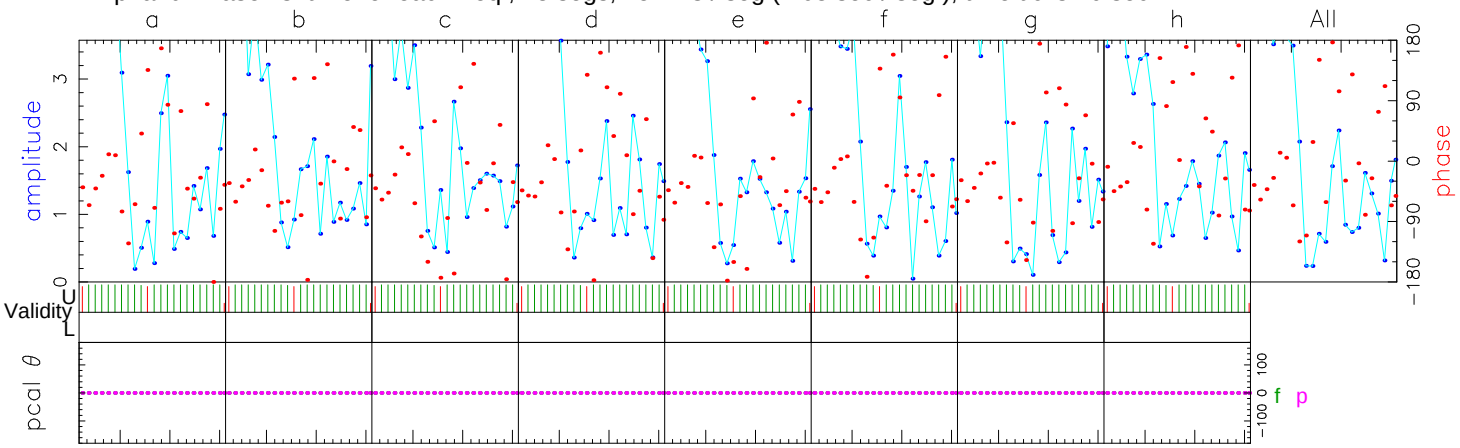


Fringe quality 7

SNR 30.1
Int time 90.823
Amp 1.192
Phase -35.8
PFD 0.0e+00
Delays (us)
SBD 0.008232
MBD 0.008577
Fringe rate (Hz)
-0.016004
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
2018:313:182139
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



									Freq (MHz)	All
	86124.00	86156.00	86188.00	86220.00	86252.00	86284.00	86316.00	86348.00		
	-29.6	-36.4	-40.1	-37.2	-39.2	-37.0	-36.2	-30.2	Phase	-35.8
	1.2	1.2	1.1	1.2	1.3	1.2	1.3	1.1	Ampl.	1.2
	130.1	129.9	130.0	130.0	130.0	130.2	130.1	130.1	Sbd box	130.1
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	W00UR	W01UR,W01LR	W02UR,W02LR	W03UR,W03LR	W04UR,W04LR	W05UR,W05LR	W06UR,W06LR	W07UR,W07LR	Chan ids	
									Tracks	

Group delay (usec)(sbd)	8.53297333301E+02	Apriori delay (usec)	8.53288756250E+02	Resid mbdelay (usec)	8.57705E-03	+/-	7.2E-05
Sband delay (usec)	8.53296988250E+02	Apriori clock (usec)	-1.1760351E+01	Resid sbdelay (usec)	8.23200E-03	+/-	5.7E-04
Phase delay (usec)	8.53288755094E+02	Apriori clockrate (us/s)	-4.7400002E-07	Resid phdelay (usec)	-1.15581E-06	+/-	1.2E-07
Delay rate (us/s)	-4.57769850634E-02	Apriori rate (us/s)	-4.57767992725E-02	Resid rate (us/s)	-1.85791E-07	+/-	2.3E-09
Total phase (deg)	131.0	Apriori accel (us/s/s)	-6.68719300705E-06	Resid phase (deg)	-35.8	+/-	3.8

	RMS	Theor.							
			Amplitude	1.192 +/- 0.040	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5			
ph/seg (deg)	84.2	9.1	Search (1024X32)	1.160	Pcal rate: 0.000E+00, 0.000E+00 (us/s)		sb window (us)	-1.000	1.000
amp/seg (%)	141.8	16.0	Interp.	0.000	Bits/sample: 2x2	SampCntNorm: enabled	mb window (us)	-0.016	0.016
ph/frq (deg)	4.2	5.4	Inc. seg. avg.	1.973	Sample rate(MSamp/s): 64		dr window (ns/s)	-0.011	0.011
amp/frq (%)	7.1	9.4	Inc. frq. avg.	1.188	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.18.0D68T8