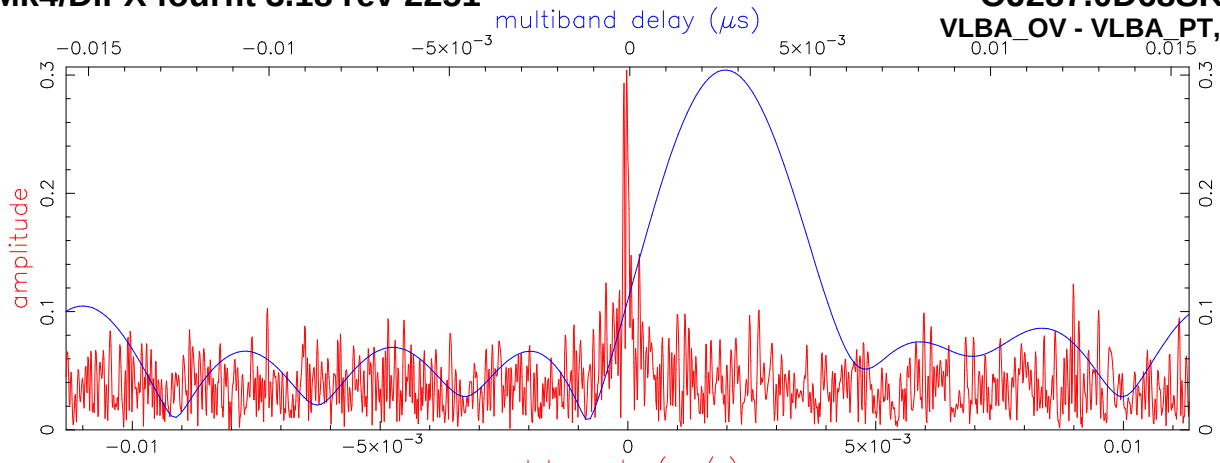
Mk4/DiFX fourfit 3.18 rev 2251

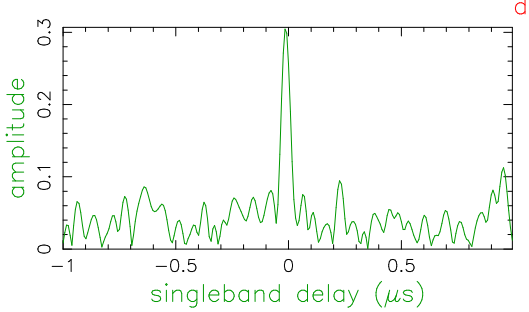
OJ287.0D68SK, No0008, op

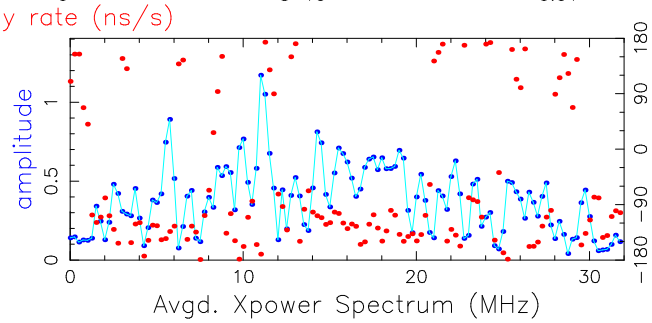
VLBA_OV - VLBA_PT, fgroup W, pol LR



Fringe quality 9

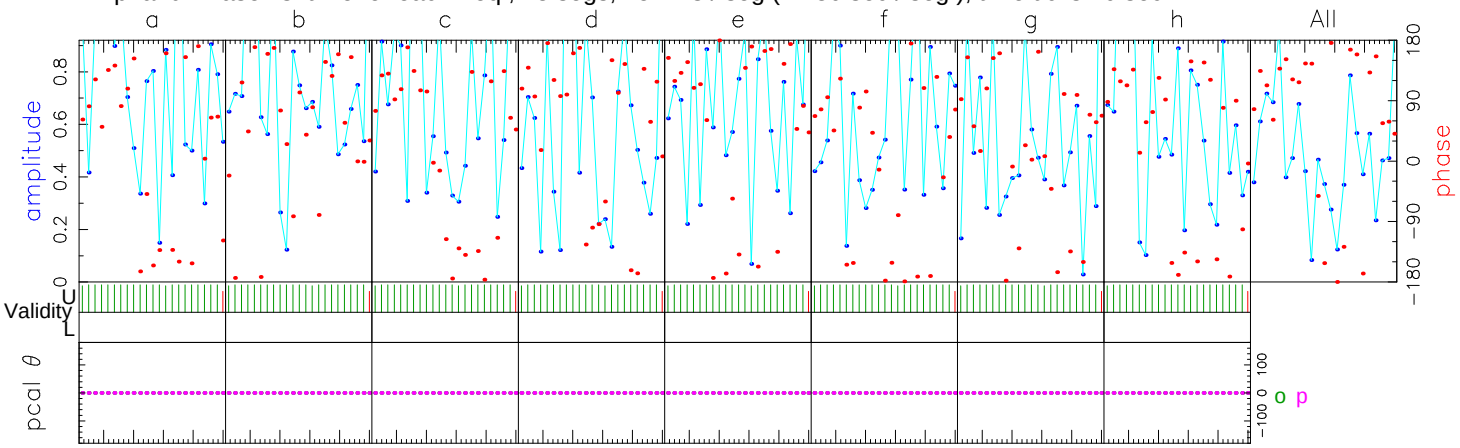
SNR 10.1
Int time 154.846
Amp 0.307
Phase 127.8
PFD 1.1e-15
Delays (us)
SBD -0.012834
MBD 0.002671
Fringe rate (Hz)
-0.001574
Ion TEC 0.000
Ref freq (MHz)
86140.0000
AP (sec) 0.512





Exp. c181a
Exper # 16383
Yr:day 2018:103
Start 000210.51
Stop 000701.84
FRT 000332.00
Corr/FF/build
2018:289:131443
2018:313:181908
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
	134.0	112.4	116.5	144.0	141.0	139.2	87.6	128.9	Phase	127.8
	0.4	0.3	0.4	0.3	0.4	0.2	0.2	0.4	Ampl.	0.3
	127.7	126.2	126.6	127.9	128.1	127.9	253.1	125.7	Sbd box	127.4
U/L	569/0	569/0	569/0	569/0	569/0	569/0	569/0	569/0	APs used	
o	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
p	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
o:p	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
o:p	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	Manl PC	
o	1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
p	1000	1000	1000	1000	1000	1000	1000	1000		
o	W00UL	W01UL,W01LL	W02UL,W02LL	W03UL,W03LL	W04UL,W04LL	W05UL,W05LL	W06UL,W06LL	W07UL,W07LL	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)	-2.15510250963E+03	Apriori delay (usec)	-2.15510518039E+03	Resid mbdelay (usec)	2.67076E-03	+/-	2.1E-04
Sband delay (usec)	-2.15511801489E+03	Apriori clock (usec)	2.3893461E+00	Resid sbdelay (usec)	-1.28345E-02	+/-	1.7E-03
Phase delay (usec)	-2.15510517627E+03	Apriori clockrate (us/s)	-3.2544001E-07	Resid phdelay (usec)	4.11984E-06	+/-	3.7E-07
Delay rate (us/s)	1.17031599533E-01	Apriori rate (us/s)	1.17031617801E-01	Resid rate (us/s)	-1.82673E-08	+/-	4.1E-09
Total phase (deg)	41.8	Apriori accel (us/s/s)	1.30720101028E-05	Resid phase (deg)	127.8	+/-	11.3

	RMS	Theor.						
			Amplitude	0.307 +/- 0.030	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5		
ph/seg (deg)	61.6	27.2	Search (2048X32)	0.297	Pcal rate: 0.000E+00, 0.000E+00 (us/s)		sb window (us)	-1.000 1.000
amp/seg (%)	94.0	47.4	Interp.	0.000	Bits/sample: 2x2	SampCntNorm: enabled	mb window (us)	-0.016 0.016
ph/frq (deg)	20.8	16.0	Inc. seg. avg.	0.444	Sample rate(MSamp/s): 64		dr window (ns/s)	-0.011 0.011
amp/frq (%)	27.6	28.0	Inc. frq. avg.	0.304	Data rate(Mb/s): 1024	nlags: 128 t_cohere infinite	ion window (TEC)	0.00 0.00

o: az 96.6 el 42.6 pa -57.3 p: az 100.7 el 51.2 pa -59.6 u,v (fr/asec) -697.534 721.803 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/c181a/v2_ML006A/1234/No0008/op..0D68SK Output file: /Exps/c181a/v2_ML006A/1234/No0008/op.W.127.0D68SK