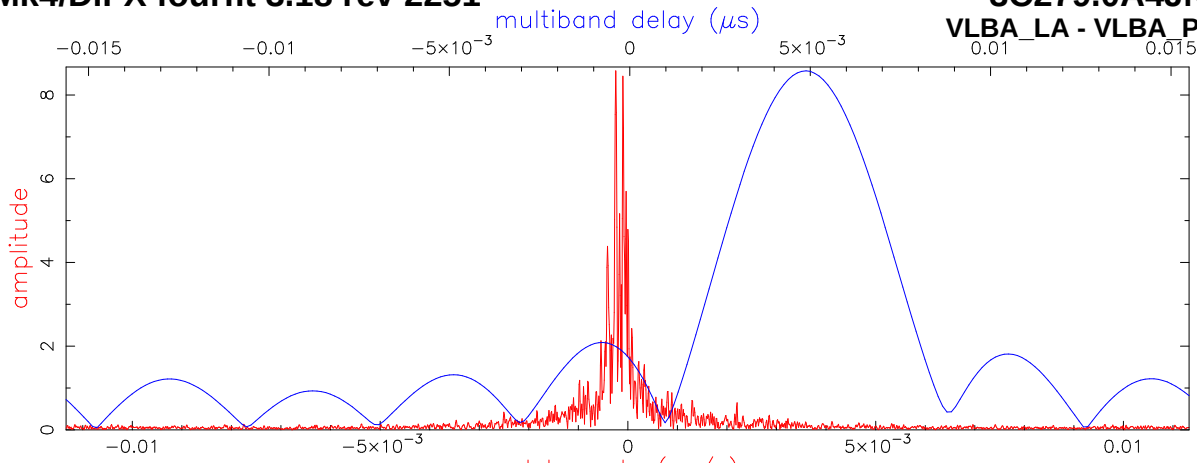
Mk4/DiFX fourfit 3.18 rev 2251

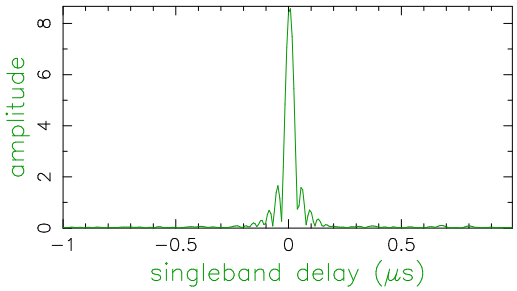
3C279.0A4JNG, No0002, lp

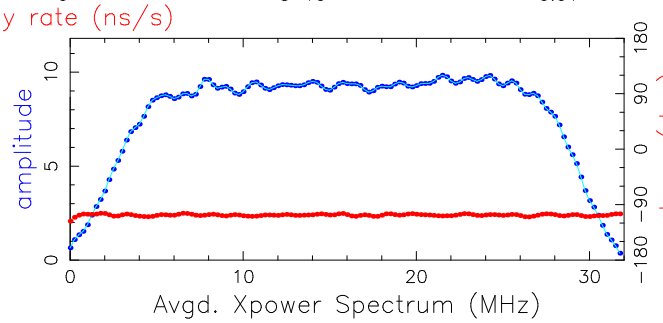
VLBA_LA - VLBA_PT, fgroup W, pol LL



Fringe quality 5

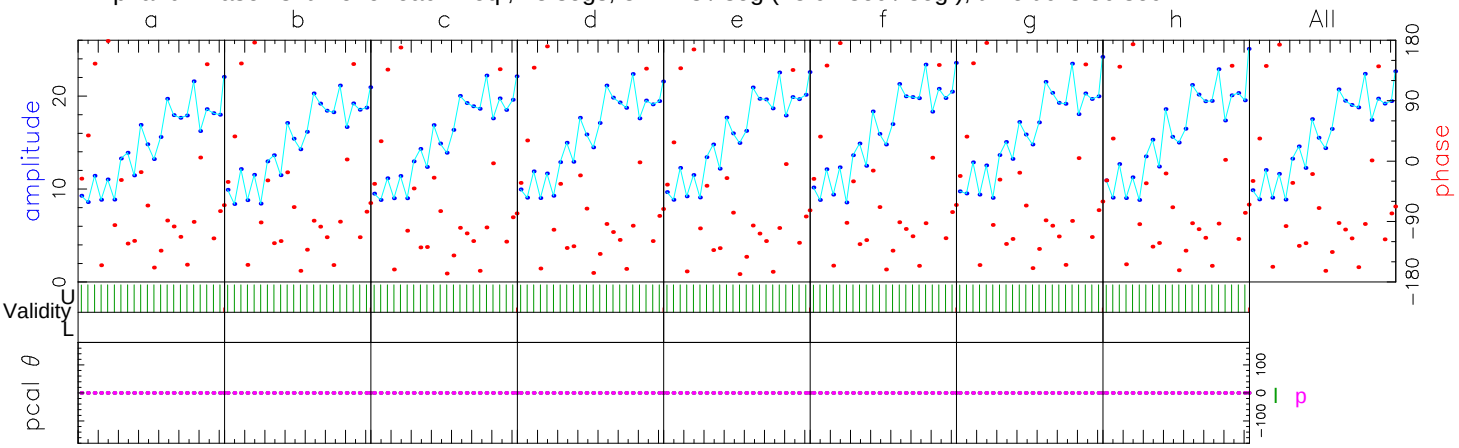
SNR 343.4
Int time 223.790
Amp 8.672
Phase -106.8
PFD 0.0e+00
Delays (us)
SBD 0.004891
MBD 0.004865
Fringe rate (Hz)
-0.020627
Ion TEC 0.000
Ref freq (MHz)
86140.0000
AP (sec) 0.512





Exp. c181f
Exper # 16383
Yr:day 2018:107
Start 070000.00
Stop 070659.84
FRT 070330.00
Corr/FF/build
2018:253:103330
2018:254:123736
2018:249:082454
RA & Dec (J2000)
12h56m11.1666s
-5°47'21.525"

Amp. and Phase vs. time for each freq., 23 segs, 37 APs / seg (18.94 sec / seg.), time ticks 30 sec



	86124.00	86156.00	86188.00	86220.00	86252.00	86284.00	86316.00	86348.00	Freq (MHz)	All
	-103.3	-103.9	-111.8	-109.5	-112.1	-104.7	-103.0	-105.5	Phase	-106.8
	8.1	8.3	8.5	8.7	8.7	8.8	8.8	8.8	Ampl.	8.6
	129.7	129.7	129.5	129.7	129.6	129.7	129.7	129.5	Sbd box	129.6
U/L	820/0	820/0	820/0	820/0	820/0	820/0	820/0	820/0	APs used	
l	0	0	0	0	0	0	0	0	PC freqs	
p	0	0	0	0	0	0	0	0	PC freqs	
l:p	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
l:p	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	Manl PC	
l	1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
p	1000	1000	1000	1000	1000	1000	1000	1000		
l	W00UL	W01UL,W01LL	W02UL,W02LL	W03UL,W03LL	W04UL,W04LL	W05UL,W05LL	W06UL,W06LL	W07UL,W07LL	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)	-4.66210205573E+02	Apriori delay (usec)	-4.66215070174E+02	Resid mbdelay (usec)	4.86460E-03	+/-	6.3E-06
Sband delay (usec)	-4.66210179174E+02	Apriori clock (usec)	-1.6012623E+01	Resid sbdelay (usec)	4.89100E-03	+/-	5.0E-05
Phase delay (usec)	-4.66215073616E+02	Apriori clockrate (us/s)	-5.6099998E-07	Resid phdelay (usec)	-3.44253E-06	+/-	1.1E-08
Delay rate (us/s)	-3.69034239928E-02	Apriori rate (us/s)	-3.69031845358E-02	Resid rate (us/s)	-2.39457E-07	+/-	8.3E-11
Total phase (deg)	-158.9	Apriori accel (us/s/s)	2.15062095024E-06	Resid phase (deg)	-106.8	+/-	0.3

	RMS	Theor.							
			Amplitude	8.672 +/- 0.025	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5			
ph/seg (deg)	65.4	0.8	Search (2048X32)	8.365	Pcal rate: 0.000E+00, 0.000E+00 (us/s)		sb window (us)	-1.000	1.000
amp/seg (%)	92.6	1.4	Interp.	0.000	Bits/sample: 2x2	SampCntNorm: enabled	mb window (us)	-0.016	0.016
ph/frq (deg)	4.1	0.5	Inc. seg. avg.	15.542	Sample rate(MSamp/s): 64		dr window (ns/s)	-0.011	0.011
amp/frq (%)	2.9	0.8	Inc. frq. avg.	8.597	Data rate(Mb/s): 1024	nlags: 128 t_cohere infinite	ion window (TEC)	0.00	0.00

l: az 194.5 el 47.3 pa 12.9 p: az 192.1 el 49.1 pa 11.1 u,v (fr/asec) 215.111 168.110 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/c181f/v2_pc1/1234/No0002/lp..0A4JNG Output file: /Exps/c181f/v2_pc1/1234/No0002/lp.W.117.0A4JNG