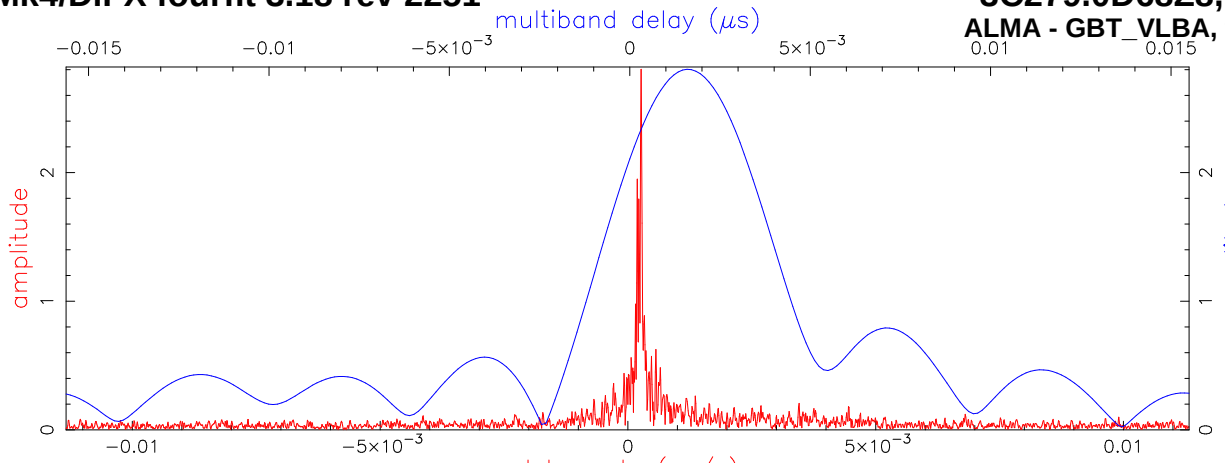
Mk4/DiFX fourfit 3.18 rev 2251

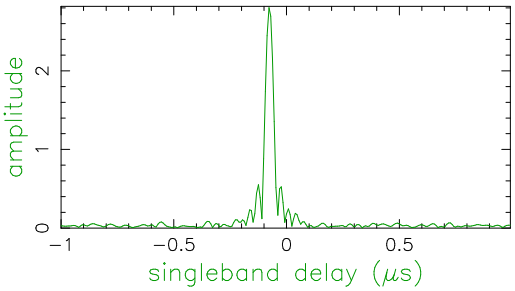
3C279.0D68Z8, No0035, AG

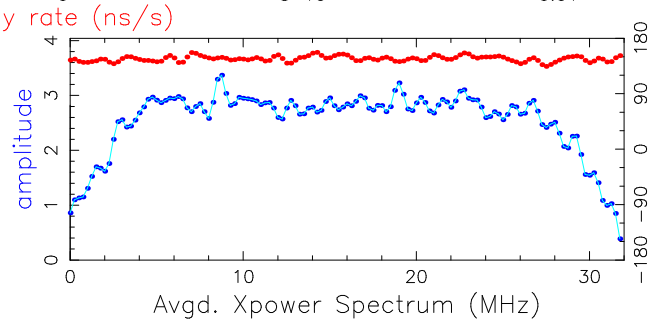
ALMA - GBT_VLBA, fgroup W, pol RR



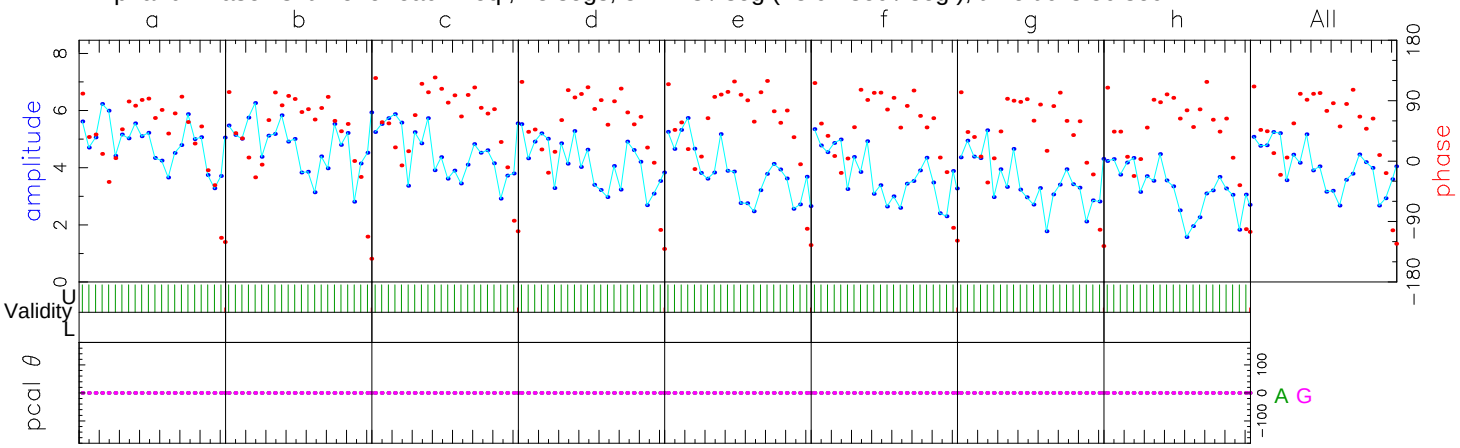
Fringe quality 5

SNR	111.7
Int time	419.779
Amp	2.821
Phase	-300.2
PFD	0.0e+00
Delays (us)	
SBD	-0.075976
MBD	0.001611
Fringe rate (Hz)	0.022519
Ion TEC	0.000
Ref freq (MHz)	86140.0000
AP (sec)	0.512
Exp.	c181a
Exper #	16383
Yr:day	2018:103
Start	031500.00
Stop	032159.84
FRT	031830.00
Corr/FF/build	2018:291:160104 2018:313:191734 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
	50.5	55.1	72.6	65.4	68.6	60.0	50.8	54.7	Phase	59.8
	3.4	3.2	3.1	2.9	2.7	2.5	2.4	2.2	Ampl.	2.8
	119.5	119.6	119.1	119.4	118.7	119.5	118.9	119.5	Sbd box	119.3
U/L	820/0	820/0	820/0	820/0	820/0	820/0	820/0	820/0	APs used	
A	0	0	0	0	0	0	0	0	PC freqs	
G	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
A:G	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
A:G	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	Manl PC	
A	1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
G	1000	1000	1000	1000	1000	1000	1000	1000		
A	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Chan ids	
									Tracks	
G	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Chan ids	
									Tracks	

Group delay (usec)(sbd)	3.98458749234E+03	Apriori delay (usec)	3.98464838098E+03	Resid mbdelay (usec)	1.61136E-03	+/-	1.9E-05
Sband delay (usec)	3.98457240498E+03	Apriori clock (usec)	-2.0929402E+03	Resid sbdelay (usec)	-7.59760E-02	+/-	1.5E-04
Phase delay (usec)	3.98464838291E+03	Apriori clockrate (us/s)	-8.7125652E-07	Resid phdelay (usec)	1.92881E-06	+/-	3.3E-08
Delay rate (us/s)	-2.02592921498E-01	Apriori rate (us/s)	-2.02593182922E-01	Resid rate (us/s)	2.61424E-07	+/-	1.4E-10
Total phase (deg)	-106.6	Apriori accel (us/s/s)	-2.06254960132E-05	Resid phase (deg)	-300.2	+/-	1.0

	RMS	Theor.							
			Amplitude	2.821 +/- 0.025	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5			
ph/seg (deg)	54.1	2.5	Search (2048X32)	2.686	Pcal rate: 0.000E+00, 0.000E+00 (us/s)		sb window (us)	-1.000	1.000
amp/seg (%)	51.2	4.3	Interp.	0.000	Bits/sample: 2x2	SampCntNorm: enabled	mb window (us)	-0.016	0.016
ph/frq (deg)	9.0	1.5	Inc. seg. avg.	4.027	Sample rate(MSamp/s): 64		dr window (ns/s)	-0.011	0.011
amp/frq (%)	13.9	2.5	Inc. frq. avg.	2.830	Data rate(Mb/s): 1024	nlags: 128 t_cohere infinite	ion window (TEC)	0.00	0.00

A: az 36.5 el 69.2 pa -146.8 G: az 147.5 el 40.2 pa -24.4 u,v (fr/asec) 1130.134 -8734.902 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/c181a/v2_ML006A/1234/No0035/AG..0D68Z8 Output file: /Exps/c181a/v2_ML006A/1234/No0035/AG.W.6.0D68Z8