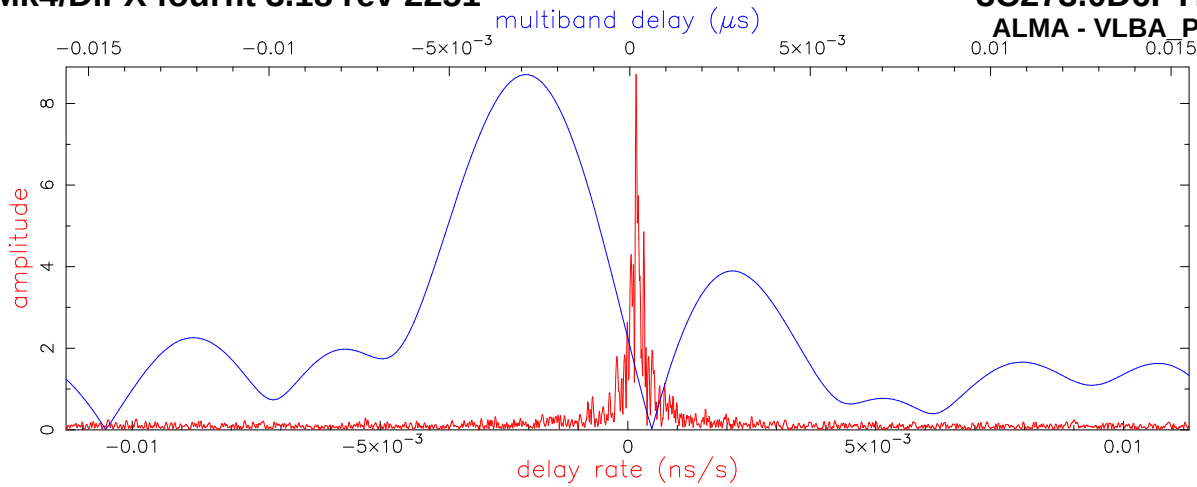
Mk4/DiFX fourfit 3.18 rev 2251

3C273.0D6FYH, No0208, Ap

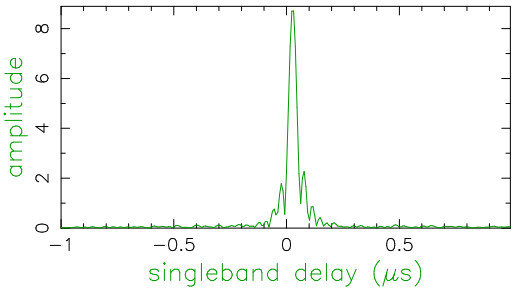
ALMA - VLBA_PT, fgroup W, pol LL

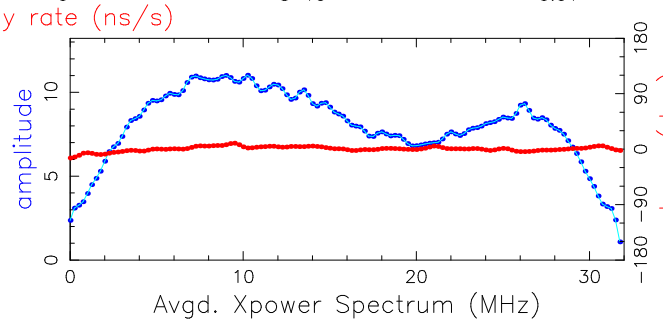


Fringe quality 3

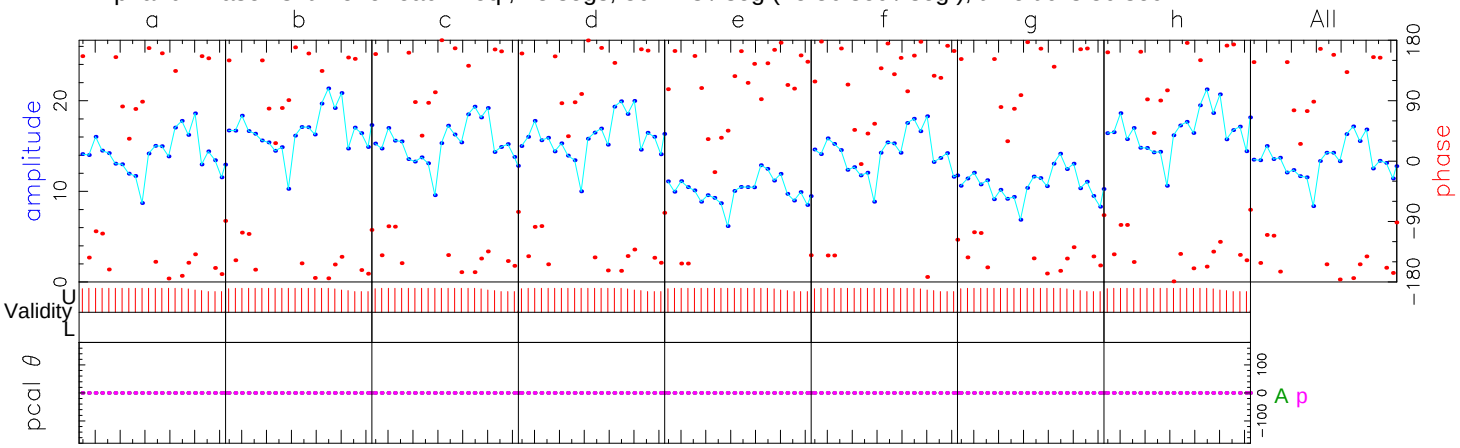
SNR 291.7
Int time 287.681
Amp 8.896
Phase 356.6
PFD 0.0e+00
Delays (us)
SBD 0.027408
MBD -0.002865
Fringe rate (Hz)
0.014139
Ion TEC 0.000
Ref freq (MHz)
86140.0000
AP (sec) 0.512

Exp. c181a
Exper # 16383
Yr:day 2018:104
Start 014620.90
Stop 015159.84
FRT 014830.00
Corr/FF/build
2018:291:164543
2018:313:230229
2018:249:082454
RA & Dec (J2000)
12h29m 6.6997s
+2°03' 8.598"





Amp. and Phase vs. time for each freq., 23 segs, 30 APs / seg (15.36 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
	179.6	177.3	-172.3	-171.8	134.4	147.6	-173.8	-166.5	Phase	176.6
	9.2	10.8	10.0	10.2	6.5	9.3	6.9	10.7	Ampl.	9.2
	132.7	132.4	132.8	133.0	131.4	132.7	132.5	132.7	Sbd box	132.5
U/L	662/0	662/0	662/0	662/0	662/0	662/0	662/0	662/0	APs used	
A	0	0	0	0	0	0	0	0	PC freqs	
p	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
A:p	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
A:p	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	
p	1000	1000	1000	1000	1000	1000	1000	1000		
A	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL	Chan ids	
									Tracks	
p	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL	Chan ids	
									Tracks	

Group delay (usec)(sbd)	7.75216523078E+03	Apriori delay (usec)	7.75213684620E+03	Resid mbdelay (usec)	-2.86541E-03	+/-	7.4E-06
Sband delay (usec)	7.75216425470E+03	Apriori clock (usec)	-2.1121812E+03	Resid sbdelay (usec)	2.74085E-02	+/-	5.9E-05
Phase delay (usec)	7.75213685189E+03	Apriori clockrate (us/s)	-1.4890000E-06	Resid phdelay (usec)	5.69430E-06	+/-	1.3E-08
Delay rate (us/s)	-5.49408675959E-01	Apriori rate (us/s)	-5.49408840103E-01	Resid rate (us/s)	1.64144E-07	+/-	6.5E-11
Total phase (deg)	331.8	Apriori accel (us/s/s)	-5.61105108585E-05	Resid phase (deg)	356.6	+/-	0.4

	RMS	Theor.						
			Amplitude	8.896 +/- 0.030	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5		
ph/seg (deg)	58.3	0.9	Search (2048X32)	8.638	Pcal rate: 0.000E+00, 0.000E+00 (us/s)		sb window (us)	-1.000 1.000
amp/seg (%)	56.2	1.6	Interp.	0.000	Bits/sample: 2x2	SampCntNorm: enabled	mb window (us)	-0.016 0.016
ph/frq (deg)	23.3	0.6	Inc. seg. avg.	13.496	Sample rate(MSamp/s): 64		dr window (ns/s)	-0.011 0.011
amp/frq (%)	17.7	1.0	Inc. frq. avg.	9.189	Data rate(Mb/s): 1024	nlags: 128 t_cohere infinite	ion window (TEC)	0.00 0.00

A: az 50.2 el 53.7 pa -135.1 p: az 101.5 el 19.6 pa -54.0 u,v (fr/asec) 3059.013 -8586.211 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/c181a/v2_ML006B/1234/No0208/Ap..0D6FYH Output file: /Exps/c181a/v2_ML006B/1234/No0208/Ap.W.69.0D6FYH