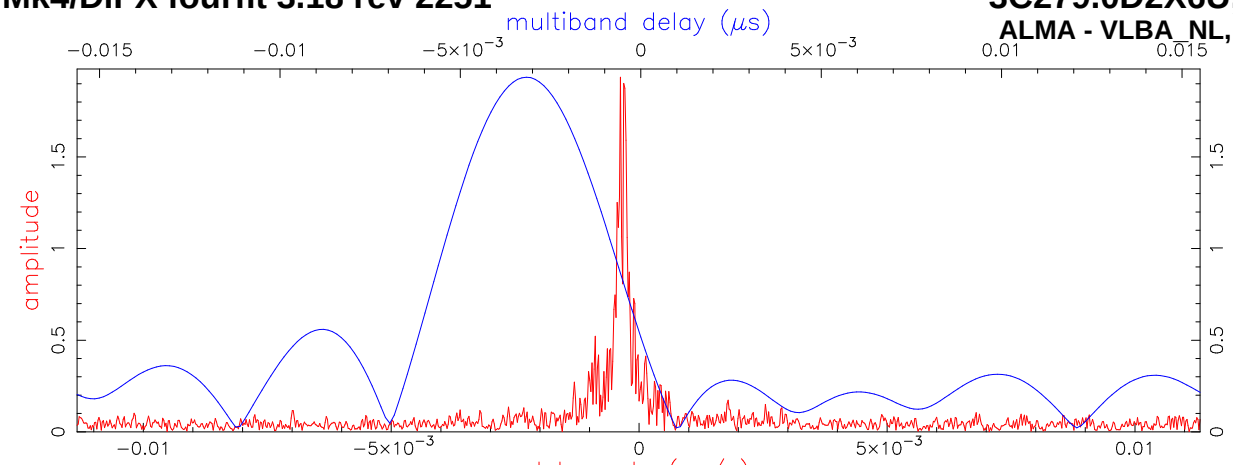
Mk4/DiFX fourfit 3.18 rev 2251

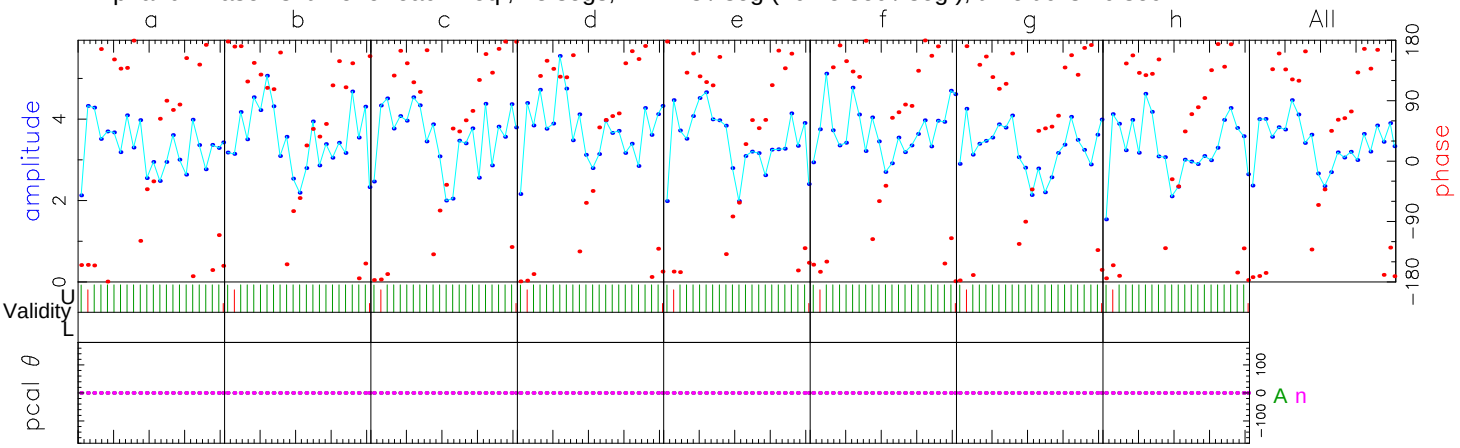
3C279.0D2X6U, No0075, An

ALMA - VLBA_NL, fgroup W, pol LR



Fringe quality	4
SNR	59.0
Int time	237.920
Amp	1.980
Phase	-26.4
PFD	0.0e+00
Delays (us)	
SBD	-0.019585
MBD	-0.003178
Fringe rate (Hz)	
	-0.032165
Ion TEC	0.000
Ref freq (MHz)	
	86140.0000
AP (sec)	0.512
Exp.	c181c
Exper #	16383
Yr:day	2018:105
Start	020200.00
Stop	020600.13
FRT	020400.00
Corr/FF/build	
	2018:295:130625
	2018:312:043353
	2018:249:082454
RA & Dec (J2000)	
	12h56m11.1666s
	-5°47'21.525"

Amp. and Phase vs. time for each freq., 23 segs, 21 APs / seg (10.75 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
	170.7	136.6	150.7	150.5	150.8	167.5	149.8	153.4	Phase	153.6
	1.8	2.0	2.0	2.1	1.9	2.0	1.9	2.0	Ampl.	2.0
	126.5	126.6	126.4	126.7	126.3	126.7	125.9	127.1	Sbd box	126.5
U/L	466/0	466/0	466/0	466/0	466/0	466/0	466/0	466/0	APs used	
A	0	0	0	0	0	0	0	0	PC freqs	
n	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
A:n	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
A:n	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	
n	1000	1000	1000	1000	1000	1000	1000	1000		
A	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL	Chan ids Tracks	
n	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Chan ids Tracks	

Group delay (usec)(sbd)	7.61531860853E+03	Apriori delay (usec)	7.61535303661E+03	Resid mbdelay (usec)	-3.17807E-03	+/-	3.7E-05
Sband delay (usec)	7.61533345161E+03	Apriori clock (usec)	-2.1196311E+03	Resid sbdelay (usec)	-1.95850E-02	+/-	2.9E-04
Phase delay (usec)	7.61535304156E+03	Apriori clockrate (us/s)	-5.8281228E-07	Resid phdelay (usec)	4.95209E-06	+/-	6.3E-08
Delay rate (us/s)	-2.39873120623E-01	Apriori rate (us/s)	-2.39872747217E-01	Resid rate (us/s)	-3.73406E-07	+/-	4.5E-10
Total phase (deg)	179.9	Apriori accel (us/s/s)	-3.95579608665E-05	Resid phase (deg)	-26.4	+/-	1.9

	RMS	Theor.					
			Amplitude	1.980 +/- 0.034	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5	
ph/seg (deg)	68.1	4.6	Search (1024X32)	1.904	Pcal rate: 0.000E+00, 0.000E+00 (us/s)	sb window (us)	-1.000 1.000
amp/seg (%)	77.8	8.1	Interp.	0.000	Bits/sample: 2x2 SampCntNorm: enabled	mb window (us)	-0.016 0.016
ph/frq (deg)	11.7	2.7	Inc. seg. avg.	3.407	Sample rate(MSamp/s): 64	dr window (ns/s)	-0.011 0.011
amp/frq (%)	4.4	4.8	Inc. frq. avg.	1.964	Data rate(Mb/s): 1024 nlags: 128 t_cohere infinite	ion window (TEC)	0.00 0.00

A: az 62.3 el 57.8 pa -125.1 n: az 121.6 el 22.7 pa -39.5 u,v (fr/asec) 1349.632 -8975.166 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/c181c/v2_pc1/1234/No0075/An..0D2X6U Output file: /Exps/c181c/v2_pc1/1234/No0075/An.W.19.0D2X6U