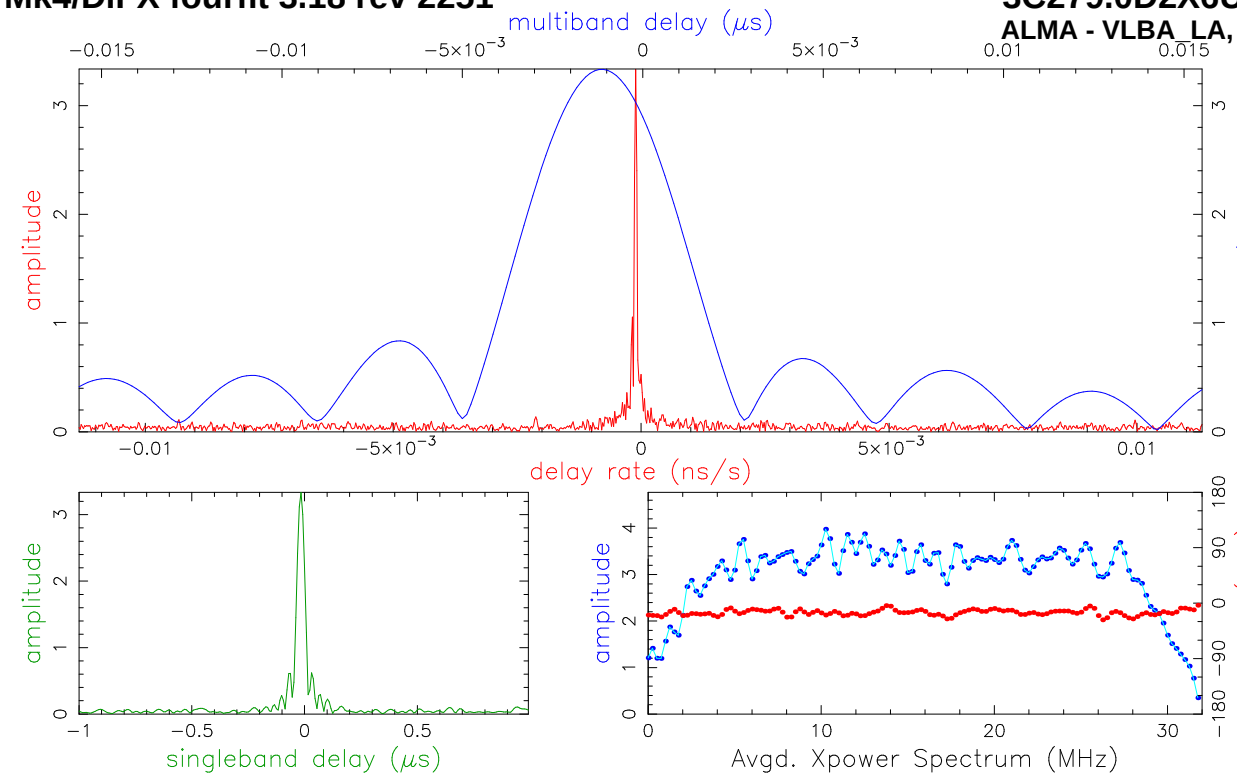
Mk4/DiFX fourfit 3.18 rev 2251

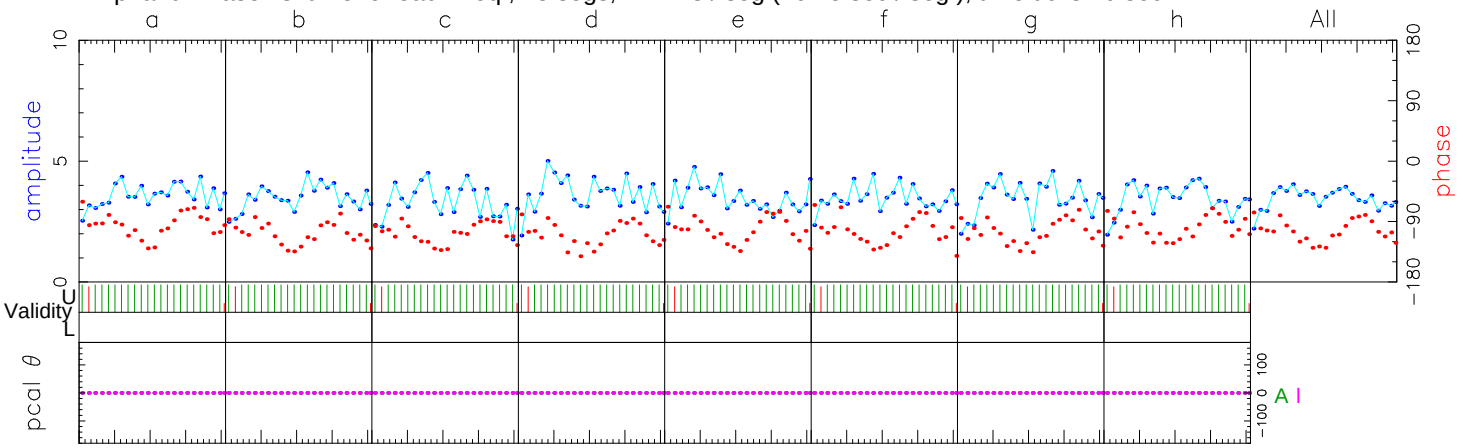
3C279.0D2X6U, No0075, Al

ALMA - VLBA_LA, fgroup W, pol LR



Fringe quality	8
SNR	99.8
Int time	239.151
Amp	3.337
Phase	-103.4
PFD	0.0e+00
Delays (us)	
SBD	-0.016472
MBD	-0.001139
Fringe rate (Hz)	
	-0.009947
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
	2018:312:043349
	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
	-95.0	-107.1	-107.3	-109.2	-101.5	-103.8	-104.7	-98.9	Phase	-103.4
	3.4	3.4	3.2	3.5	3.3	3.3	3.3	3.3	Ampl.	3.3
	127.0	127.0	126.6	127.1	126.4	127.2	126.7	127.2	Sbd box	126.9
U/L	468/0	468/0	468/0	468/0	468/0	468/0	468/0	468/0	APs used	
A	0	0	0	0	0	0	0	0	PC freqs	
I	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
A:I	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
A:I	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	
I	1000	1000	1000	1000	1000	1000	1000	1000		
A	W00UL	W01UL	W02UL	W03UL	W04UL	W05UL	W06UL	W07UL	Chan ids Tracks	
I	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Chan ids Tracks	

Group delay (usec)(sbd)	1.03651819196E+04	Apriori delay (usec)	1.03651830586E+04	Resid mbdelay (usec)	-1.13901E-03	+/-	2.2E-05
Sband delay (usec)	1.03651665861E+04	Apriori clock (usec)	-2.0963337E+03	Resid sbdelay (usec)	-1.64725E-02	+/-	1.7E-04
Phase delay (usec)	1.03651830552E+04	Apriori clockrate (us/s)	-3.6700000E-07	Resid phdelay (usec)	-3.33565E-06	+/-	3.7E-08
Delay rate (us/s)	-4.84113374861E-01	Apriori rate (us/s)	-4.84113259390E-01	Resid rate (us/s)	-1.15471E-07	+/-	2.7E-10
Total phase (deg)	136.1	Apriori accel (us/s/s)	-5.49969401160E-05	Resid phase (deg)	-103.4	+/-	1.1

	RMS	Theor.							
			Amplitude	3.337 +/- 0.033	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5			
ph/seg (deg)	15.6	2.8	Search (1024X32)	3.271	Pcal rate: 0.000E+00, 0.000E+00 (us/s)		sb window (us)	-1.000	1.000
amp/seg (%)	13.0	4.8	Interp.	0.000	Bits/sample: 2x2	SampCntNorm: enabled	mb window (us)	-0.016	0.016
ph/frq (deg)	5.1	1.6	Inc. seg. avg.	3.453	Sample rate(MSamp/s): 64		dr window (ns/s)	-0.011	0.011
amp/frq (%)	2.4	2.8	Inc. frq. avg.	3.343	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 I: az 108.8 el 14.9 pa -50.4 u,v (fr/asec) 2745.555 -8132.139 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/c181c/v2_pc1/1234/No0075/Al..0D2X6U Output file: /Exps/c181c/v2_pc1/1234/No0075/Al.W.15.0D2X6U