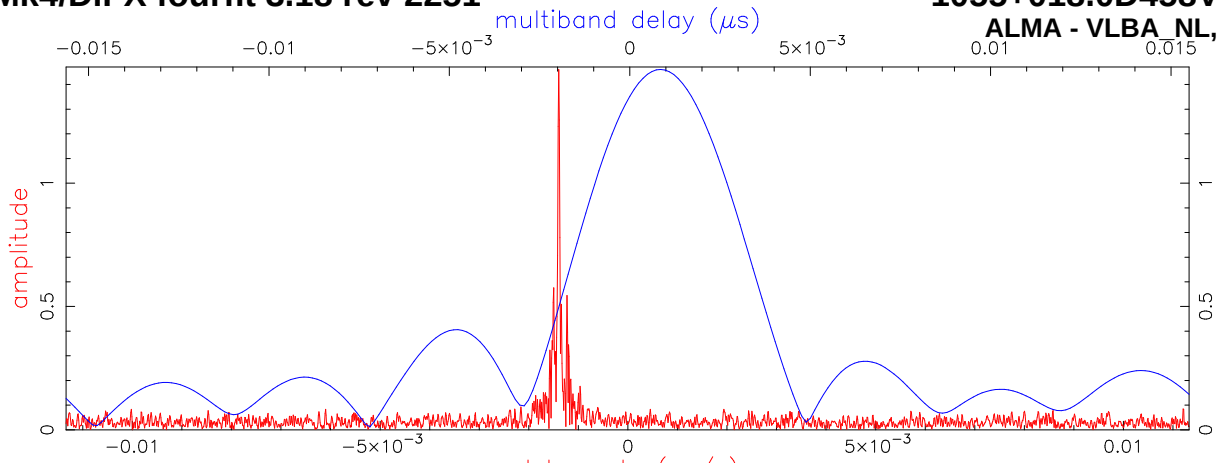
Mk4/DiFX fourfit 3.18 rev 2251

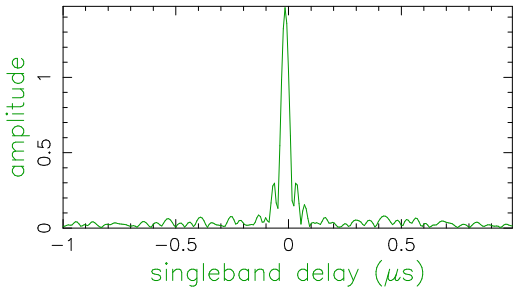
1055+018.0D458V, No0038, An

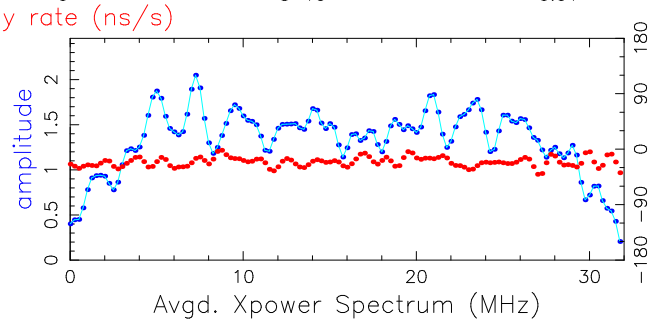
ALMA - VLBA_NL, fgroup W, pol RR



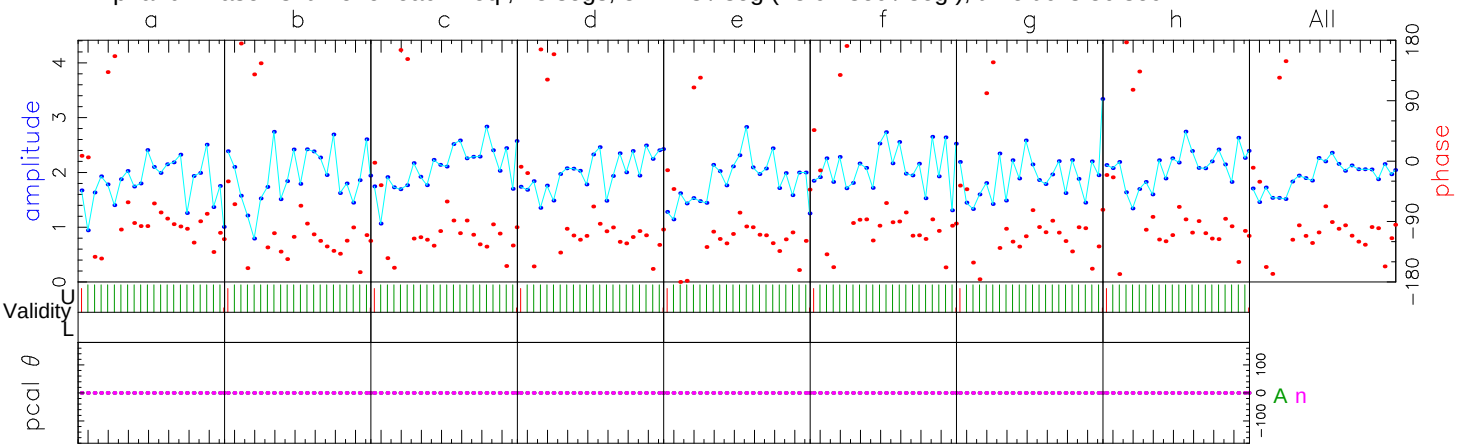
Fringe quality 6

SNR	57.8
Int time	417.305
Amp	1.471
Phase	-292.0
PFD	0.0e+00
Delays (us)	
SBD	-0.015007
MBD	0.000853
Fringe rate (Hz)	-0.120419
Ion TEC	0.000
Ref freq (MHz)	86140.0000
AP (sec)	0.512
Exp.	c181d
Exper #	16383
Yr:day	2018:106
Start	010130.00
Stop	010829.84
FRT	010500.00
Corr/FF/build	2018:292:173223 2018:312:162956 2018:249:082454
RA & Dec (J2000)	10h58m29.6052s +1°33'58.824"





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
	-97.8	-119.7	-115.6	-116.2	-118.2	-104.1	-115.3	-107.5	Phase	-112.0
	1.4	1.5	1.7	1.5	1.4	1.5	1.4	1.5	Ampl.	1.5
	127.2	127.4	126.9	127.3	126.6	127.5	126.6	127.4	Sbd box	127.1
U/L	818/0	818/0	818/0	818/0	818/0	818/0	818/0	818/0	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	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Chan ids	
									Tracks	
n	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Chan ids	
									Tracks	

Group delay (usec)(sbd)	3.61727598188E+03	Apriori delay (usec)	3.61730637928E+03	Resid mbdelay (usec)	8.52600E-04	+/-	3.8E-05
Sband delay (usec)	3.61729137228E+03	Apriori clock (usec)	-2.1196582E+03	Resid sbdelay (usec)	-1.50070E-02	+/-	3.0E-04
Phase delay (usec)	3.61730637567E+03	Apriori clockrate (us/s)	4.8818772E-07	Resid phdelay (usec)	-3.61026E-06	+/-	6.4E-08
Delay rate (us/s)	-3.78969490203E-01	Apriori rate (us/s)	-3.78968092261E-01	Resid rate (us/s)	-1.39794E-06	+/-	2.6E-10
Total phase (deg)	-107.8	Apriori accel (us/s/s)	-3.35531089207E-05	Resid phase (deg)	-292.0	+/-	2.0

	RMS	Theor.							
			Amplitude	1.471 +/- 0.025	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5			
ph/seg (deg)	48.5	4.8	Search (2048X32)	1.423	Pcal rate: 0.000E+00, 0.000E+00 (us/s)		sb window (us)	-1.000	1.000
amp/seg (%)	36.0	8.3	Interp.	0.000	Bits/sample: 2x2	SampCntNorm: enabled	mb window (us)	-0.016	0.016
ph/frq (deg)	8.4	2.8	Inc. seg. avg.	1.931	Sample rate(MSamp/s): 64		dr window (ns/s)	-0.011	0.011
amp/frq (%)	5.8	4.9	Inc. frq. avg.	1.480	Data rate(Mb/s): 1024	nlags: 128 t_cohere infinite	ion window (TEC)	0.00	0.00

A: az 30.0 el 62.2 pa -152.7 n: az 130.1 el 37.6 pa -34.3 u,v (fr/asec) 2117.245 -9410.572 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/c181d/v2_pc1/1234/No0038/An..0D458V Output file: /Exps/c181d/v2_pc1/1234/No0038/An.W.26.0D458V