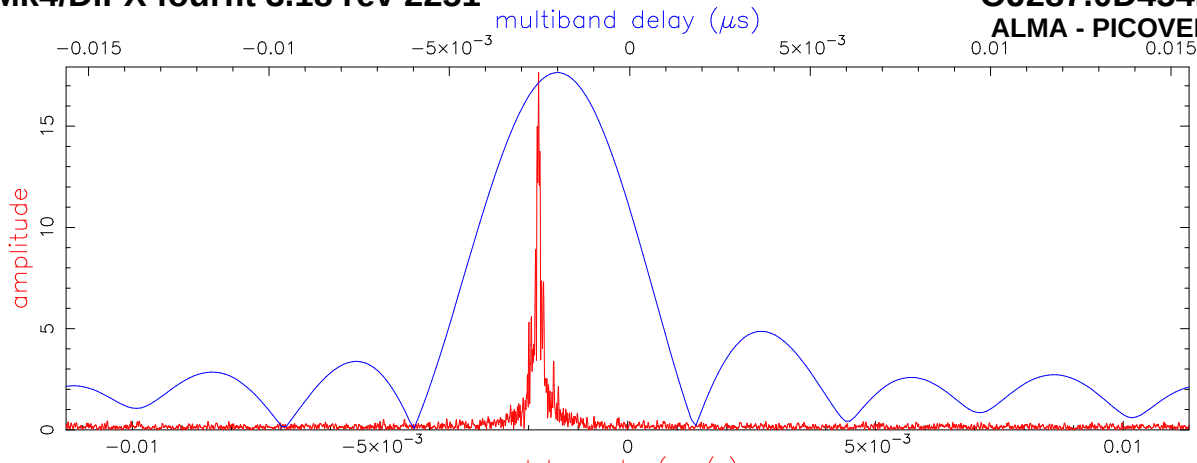
Mk4/DiFX fourfit 3.18 rev 2251

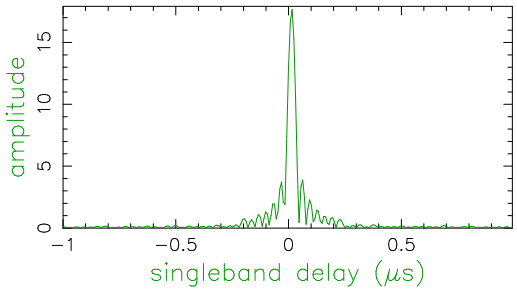
OJ287.0D454P, No0016, AP

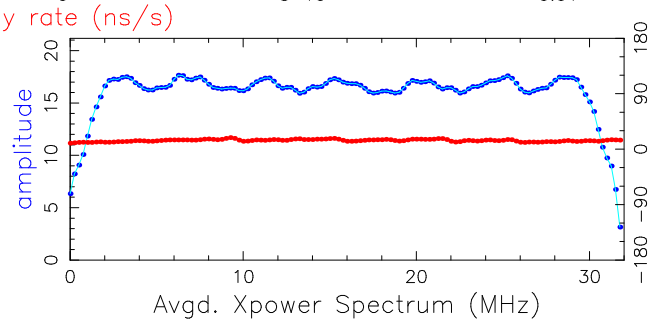
ALMA - PICOVEL, fgroup W, pol RR



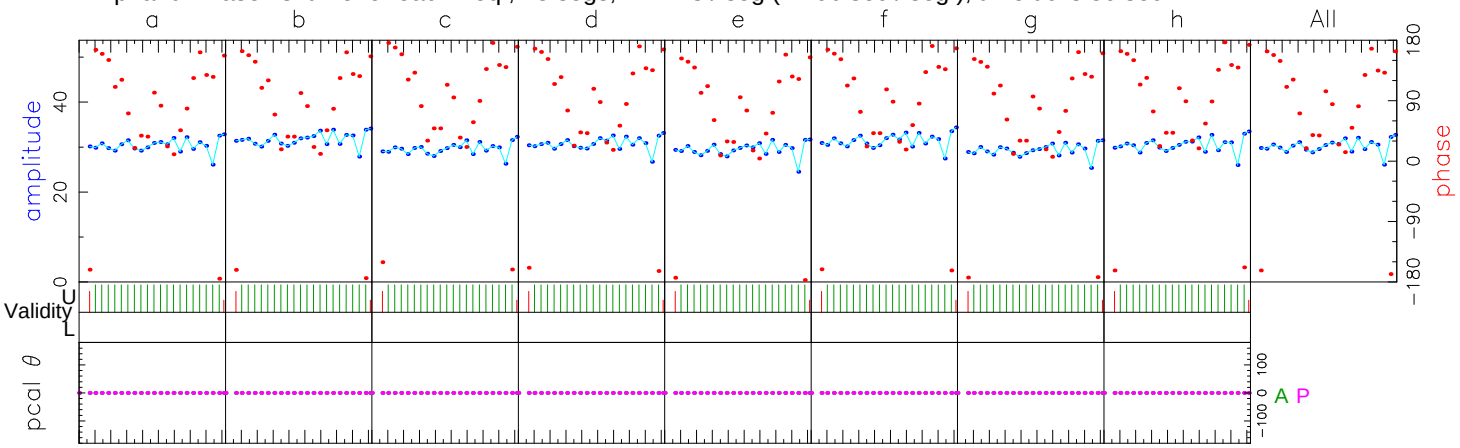
Fringe quality 5

SNR	773.6
Int time	508.497
Amp	17.926
Phase	285.7
PFD	0.0e+00
Delays (us)	
SBD	0.013841
MBD	-0.002005
Fringe rate (Hz)	-0.154968
Ion TEC	0.000
Ref freq (MHz)	86140.0000
AP (sec)	0.512
Exp.	c181d
Exper #	16383
Yr:day	2018:105
Start	210100.00
Stop	211000.16
FRT	210530.00
Corr/FF/build	2018:292:170359 2018:312:155719 2018:249:082454
RA & Dec (J2000)	08h54m48.8749s +20°06'30.641"





Amp. and Phase vs. time for each freq., 23 segs, 47 APs / seg (24.06 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
	103.3	102.7	115.5	109.2	96.2	109.1	98.4	110.5	Phase	105.7
	18.0	18.8	17.5	18.1	17.4	18.6	17.3	17.9	Ampl.	17.9
	130.8	131.1	130.4	130.9	130.3	131.2	130.4	131.1	Sbd box	130.8
U/L	1055/0	1055/0	1055/0	1055/0	1055/0	1055/0	1055/0	1055/0	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	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Chan ids	
									Tracks	
P	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Chan ids	
									Tracks	

Group delay (usec)(sbd)	-1.01991217378E+04	Apriori delay (usec)	-1.01991509828E+04	Resid mbdelay (usec)	-2.00498E-03	+/-	2.8E-06
Sband delay (usec)	-1.01991371413E+04	Apriori clock (usec)	-2.1064160E+03	Resid sbdelay (usec)	1.38415E-02	+/-	2.2E-05
Phase delay (usec)	-1.01991509794E+04	Apriori clockrate (us/s)	5.3400004E-07	Resid phdelay (usec)	3.40709E-06	+/-	4.8E-09
Delay rate (us/s)	1.34271184175E+00	Apriori rate (us/s)	1.34271364078E+00	Resid rate (us/s)	-1.79903E-06	+/-	1.5E-11
Total phase (deg)	48.0	Apriori accel (us/s/s)	4.70446695499E-06	Resid phase (deg)	285.7	+/-	0.1

	RMS	Theor.	Amplitude	17.926 +/- 0.023	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5		
ph/seg (deg)	55.9	0.3	Search (4096X32)	17.215	Pcal rate: 0.000E+00, 0.000E+00 (us/s)		sb window (us)	-1.000 1.000
amp/seg (%)	70.6	0.6	Interp.	0.000	Bits/sample: 2x2	SampCntNorm: enabled	mb window (us)	-0.016 0.016
ph/frq (deg)	7.1	0.2	Inc. seg. avg.	30.510	Sample rate(MSamp/s): 64		dr window (ns/s)	-0.011 0.011
amp/frq (%)	2.8	0.4	Inc. frq. avg.	17.937	Data rate(Mb/s): 1024	nlags: 128 t_cohere infinite	ion window (TEC)	0.00 0.00

A: az 47.5 el 30.1 pa -133.8 P: az 233.8 el 64.6 pa 42.8 u,v (fr/asec) -8163.402 -8062.848 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/c181d/v2_pc1/1234/No0016/AP..0D454P Output file: /Exps/c181d/v2_pc1/1234/No0016/AP.W.34.0D454P