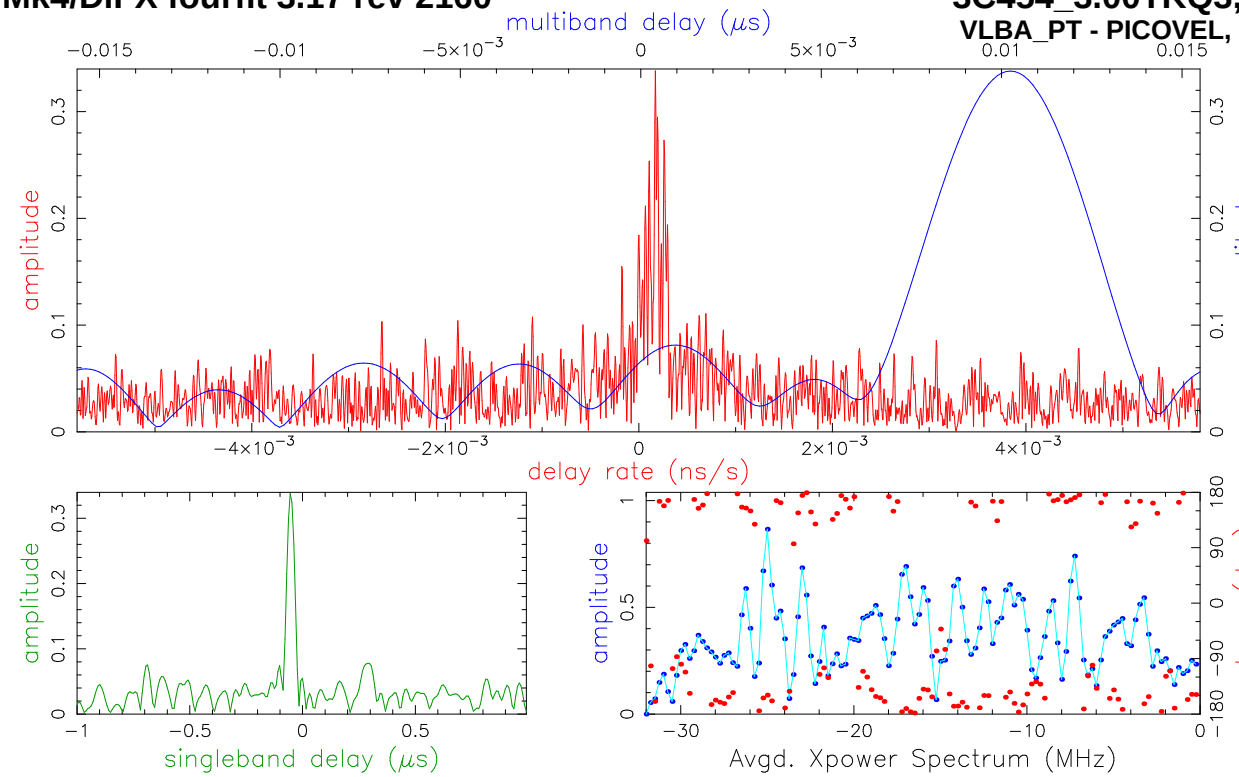
Mk4/DiFX fourfit 3.17 rev 2160

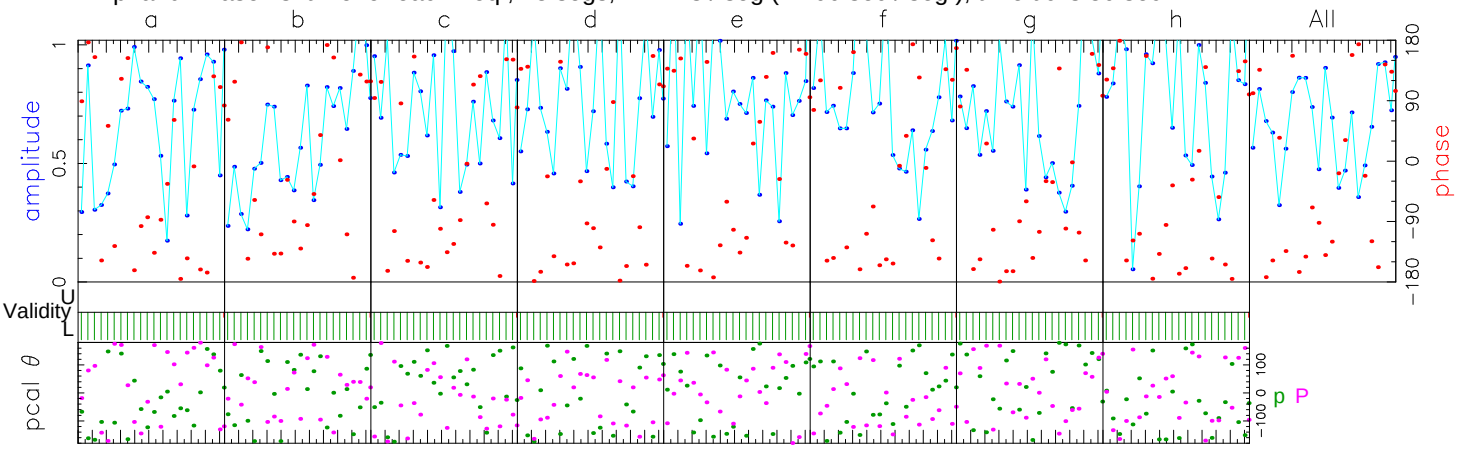
3C454_3.00TKQ3, No0264, pP

VLBA_PT - PICOVEL, fgroup W, pol RL



Fringe quality	9
SNR	16.1
Int time	598.105
Amp	0.340
Phase	193.4
PFD	0.0e+00
Delays (us)	
SBD	-0.052715
MBD	0.010242
Fringe rate (Hz)	0.014746
Ion TEC	0.000
Ref freq (MHz)	86140.0000
AP (sec)	1.000
Exp.	c172c
Exper #	16383
Yr:day	2017:274
Start	034000.00
Stop	034959.00
FRT	034500.00
Corr/FF/build	2018:021:050159
	2018:074:040912
	2018:058:134248
RA & Dec (J2000)	22h53m57.7479s
	+16°08'53.561"

Amp. and Phase vs. time for each freq., 23 segs, 27 APs / seg (27.00 sec / seg.), time ticks 30 sec



	86156.00	86188.00	86220.00	86252.00	86284.00	86316.00	86348.00	86380.00	Freq (MHz)	All
	-172.9	-166.1	-163.7	-159.7	-171.0	-171.0	-152.8	-174.3	Phase	-166.6
	0.3	0.2	0.3	0.4	0.4	0.4	0.3	0.4	Ampl.	0.3
	122.0	222.0	122.1	122.7	122.5	122.5	122.2	122.0	Sbd box	122.3
U/L	0/599	0/599	0/599	0/599	0/599	0/599	0/599	0/599	APs used	
p	-1000	-1000	-1000	-1000	-1000	-1000	-1000	-1000	PC freqs	
P	-1000	-1000	-1000	-1000	-1000	-1000	-1000	-1000	PC freqs	
p:P	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
p:P	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	Manl PC	
p	1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
P	1000	1000	1000	1000	1000	1000	1000	1000		
p	W00LR	W01LR	W02LR	W03LR	W04LR	W05LR	W06LR	W07LR	Chan ids Tracks	
P	W00LL	W01LL	W02LL	W03LL	W04LL	W05LL	W06LL	W07LL	Chan ids Tracks	

Group delay (usec)(sbd)	1.19638792820E+04	Apriori delay (usec)	1.19639315399E+04	Resid mbdelay (usec)	1.02421E-02	+/-	1.4E-04
Sband delay (usec)	1.19638788249E+04	Apriori clock (usec)	8.7443686E-01	Resid sbdelay (usec)	-5.27150E-02	+/-	1.1E-03
Phase delay (usec)	1.19639315346E+04	Apriori clockrate (us/s)	-7.4599994E-07	Resid phdelay (usec)	-5.37397E-06	+/-	2.3E-07
Delay rate (us/s)	1.70014437614E+00	Apriori rate (us/s)	1.70014420496E+00	Resid rate (us/s)	1.71183E-07	+/-	6.6E-10
Total phase (deg)	139.7	Apriori accel (us/s/s)	-6.48507171097E-05	Resid phase (deg)	193.4	+/-	7.1

	RMS	Theor.							
			Amplitude	0.340 +/- 0.021	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5			
ph/seg (deg)	79.2	17.1	Search (2048X32)	0.328	Pcal rate: 0.000E+00, 0.000E+00 (us/s)		sb window (us)	-1.000	1.000
amp/seg (%)	109.7	29.8	Interp.	0.000	Bits/sample: 2x2	SampCntNorm: enabled	mb window (us)	-0.016	0.016
ph/frq (deg)	8.0	10.1	Inc. seg. avg.	0.636	Sample rate(MSamp/s): 64		dr window (ns/s)	-0.006	0.006
amp/frq (%)	18.6	17.6	Inc. frq. avg.	0.336	Data rate(Mb/s): 1024	nlags: 128 t_cohere infinite	ion window (TEC)	0.00	0.00

p: az 120.2 el 60.0 pa -46.9 P: az 276.2 el 19.2 pa 55.6 u,v (fr/asec) -10256.025 -1751.222 simultaneous interpolator

Control file: cf_1234 Input file: /Exps/c172c/v3_v1_merge/1234/No0264/pP..00TKQ3 Output file: /Exps/c172c/v3_v1_merge/1234/No0264/pP.W.180.00TKQ3