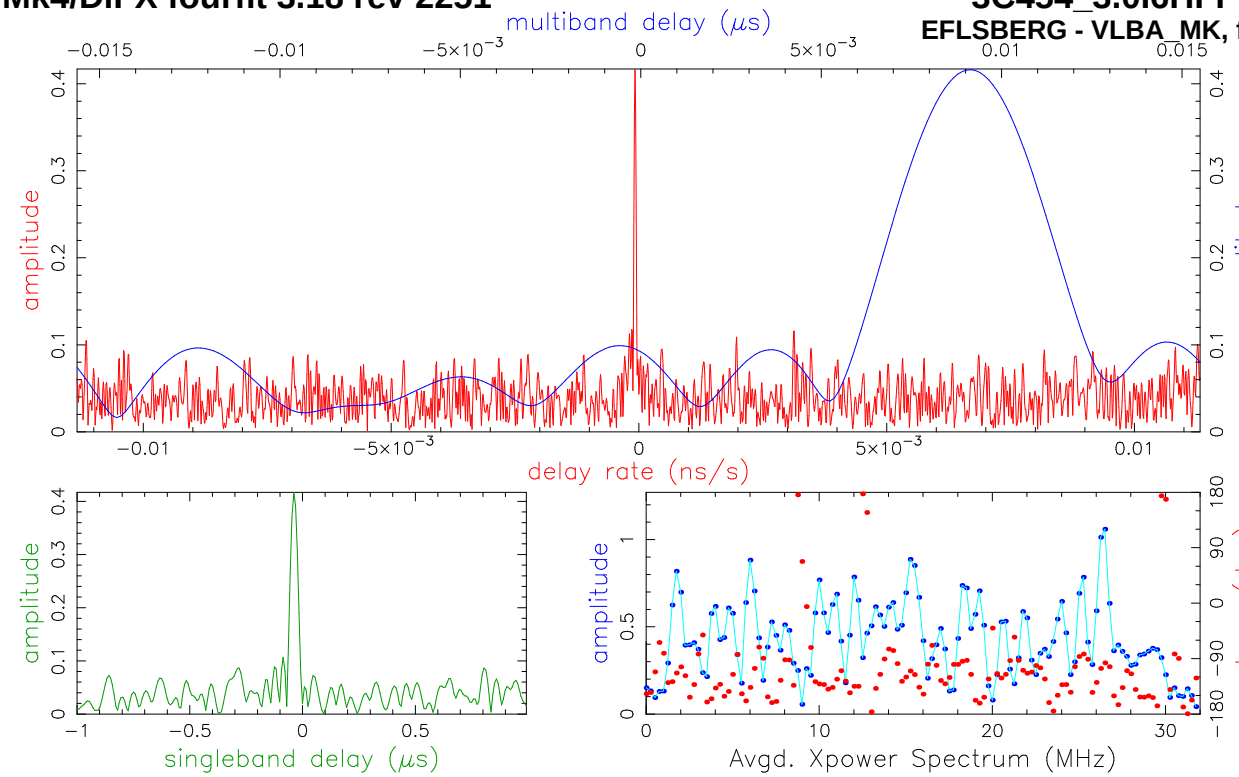
Mk4/DiFX fourfit 3.18 rev 2251

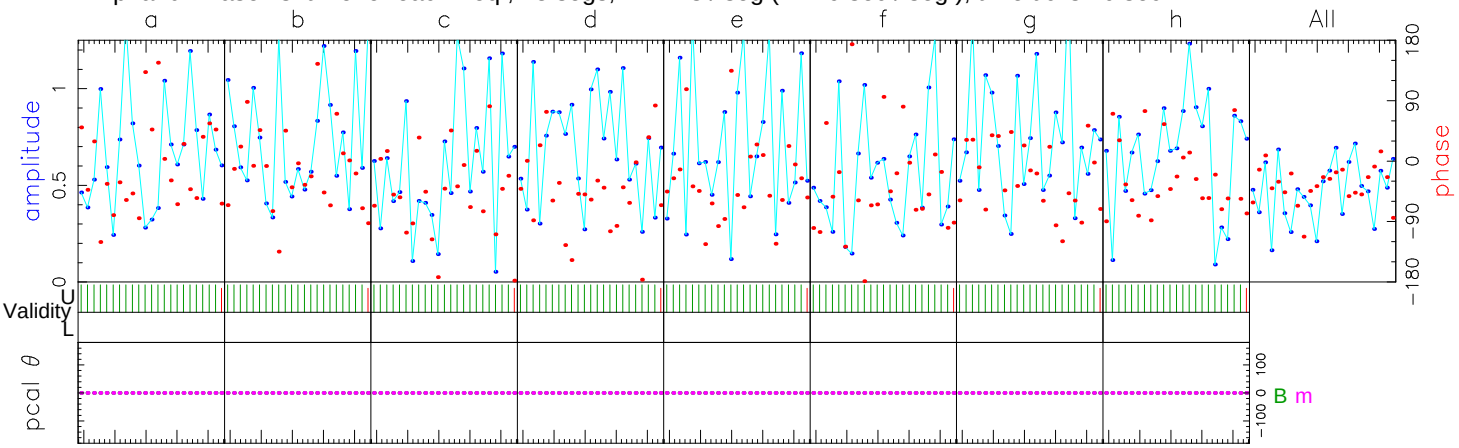
3C454_3.0I6HFP, No0239, Bm

EFLSBERG - VLBA_MK, fgroup W, pol RR



Fringe quality	9
SNR	13.5
Int time	280.992
Amp	0.417
Phase	-34.8
PFD	3.6e-33
Delays (us)	
SBD	-0.037880
MBD	0.009128
Fringe rate (Hz)	
	-0.006353
Ion TEC	0.000
Ref freq (MHz)	
	86140.0000
AP (sec)	0.512
Exp.	c182b
Exper #	16383
Yr:day	2018:273
Start	031748.96
Stop	032230.05
FRT	031845.00
Corr/FF/build	
	2019:044:222001
	2019:046:035318
	2018:249:082454
RA & Dec (J2000)	
	22h53m57.7479s
	+16°08'53.561"

Amp. and Phase vs. time for each freq., 23 segs, 24 APs / seg (12.29 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
	-26.7	-27.4	-31.7	-53.4	-41.6	-49.4	-23.1	-28.2	Phase	-34.8
	0.4	0.4	0.4	0.4	0.6	0.3	0.5	0.4	Ampl.	0.4
	123.7	124.6	123.6	124.3	124.1	124.2	124.8	123.8	Sbd box	124.2
U/L	549/0	549/0	549/0	549/0	549/0	549/0	549/0	549/0	APs used	
B	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
m	1000	1000	1000	1000	1000	1000	1000	1000	PC freqs	
B:m	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
B:m	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	Manl PC	
B	1000	1000	1000	1000	1000	1000	1000	1000	PC amp	
m	1000	1000	1000	1000	1000	1000	1000	1000		
B	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Chan ids Tracks	
m	W00UR	W01UR	W02UR	W03UR	W04UR	W05UR	W06UR	W07UR	Chan ids Tracks	

Group delay (usec)(sbd)	1.34312394474E+03	Apriori delay (usec)	1.34317731712E+03	Resid mbdelay (usec)	9.12761E-03	+/-	1.6E-04
Sband delay (usec)	1.34313943762E+03	Apriori clock (usec)	1.0918530E+01	Resid sbdelay (usec)	-3.78795E-02	+/-	1.3E-03
Phase delay (usec)	1.34317731600E+03	Apriori clockrate (us/s)	-3.6900000E-07	Resid phdelay (usec)	-1.12219E-06	+/-	2.7E-07
Delay rate (us/s)	-2.32301468295E+00	Apriori rate (us/s)	-2.32301460920E+00	Resid rate (us/s)	-7.37523E-08	+/-	1.7E-09
Total phase (deg)	-359.9	Apriori accel (us/s/s)	6.57711384409E-06	Resid phase (deg)	-34.8	+/-	8.5

	RMS	Theor.	Amplitude	0.417 +/- 0.031
ph/seg (deg)	28.0	20.3	Search (2048X32)	0.405
amp/seg (%)	39.2	35.5	Interp.	0.000
ph/frq (deg)	12.3	12.0	Inc. seg. avg.	0.444
amp/frq (%)	18.3	20.9	Inc. frq. avg.	0.414

Pcal mode: MANUAL, MANUAL PC period (AP's) 5, 5
Pcal rate: 0.000E+00, 0.000E+00 (us/s)
Bits/sample: 2x2 SampCntNorm: enabled
Sample rate(MSamp/s): 64
Data rate(Mb/s): 1024 nlags: 128 t_cohere infinite

sb window (us)	-1.000	1.000
mb window (us)	-0.016	0.016
dr window (ns/s)	-0.011	0.011
ion window (TEC)	0.00	0.00

B: az 273.3 el 18.5 pa 41.3 m: az 77.1 el 12.9 pa -73.0 u,v (fr/asec) 13867.748 3743.941 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps/c182b/v1/1234/No0239/Bm..0I6HFP Output file: /Exps/c182b/v1/1234/No0239/Bm.W.26.0I6HFP