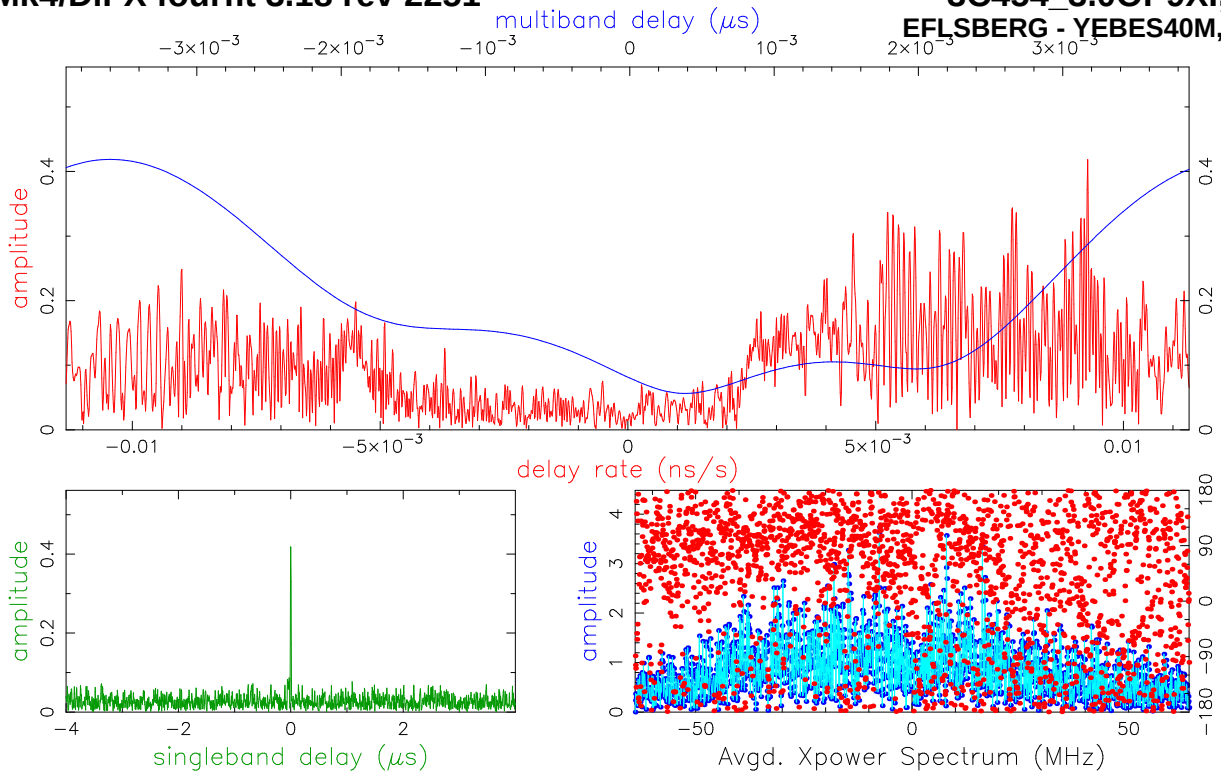
Mk4/DiFX fourfit 3.18 rev 2251

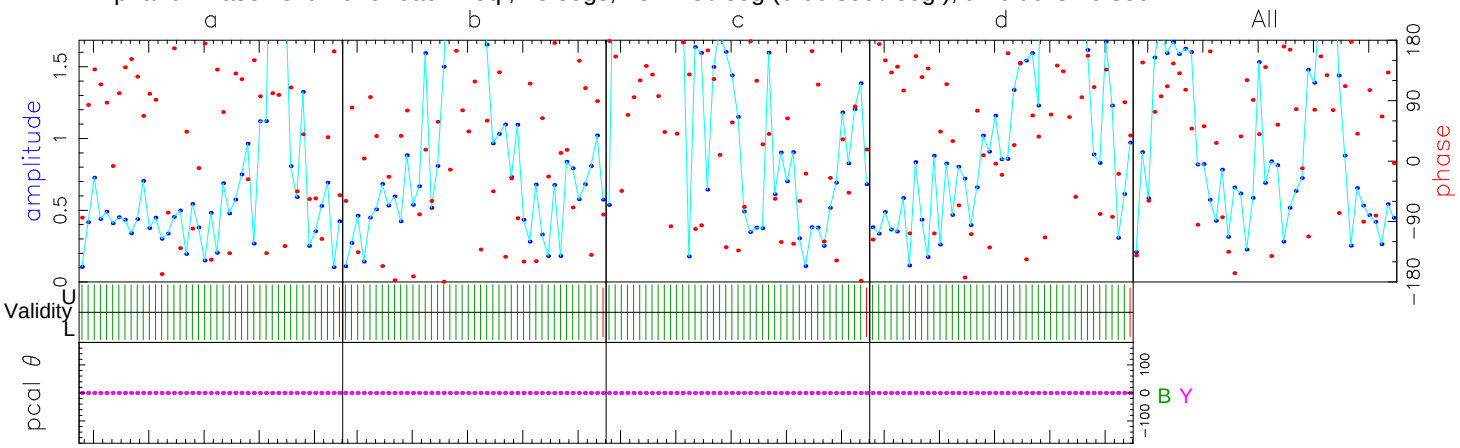
3C454_3.0OP9XI, No0006, BY

EFLSBERG - YEBES40M, fgroup W, pol LL



Fringe quality	8
SNR	19.4
Int time	285.316
Amp	0.562
Phase	-74.1
PFD	0.0e+00
Delays (us)	
SBD	-0.000398
MBD	0.004173
Fringe rate (Hz)	0.799388
Ion TEC	0.000
Ref freq (MHz)	86140.0000
AP (sec)	0.512
Exp.	f191a
Exper #	16383
Yr:day	2019:094
Start	124844.34
Stop	125330.03
FRT	125100.00
Corr/FF/build	2019:172:204545
	2019:172:204630
	2018:249:082454
RA & Dec (J2000)	22h53m57.7479s
	+16°08'53.561"

Amp. and Phase vs. time for each freq., 43 segs, 13 APs / seg (6.66 sec / seg.), time ticks 10 sec



	a	b	c	d		All
	86076.00	86204.00	86332.00	86460.00	Freq (MHz)	All
	112.4	92.7	103.0	112.8	Phase	105.9
	0.3	0.3	1.0	0.7	Ampl.	0.6
	1025.0	1021.7	1024.6	1025.3	Sbd box	1024.9
U/L	558/558	558/558	558/558	558/558	APs used	
B	0	0	0	0	PC freqs	
Y	0	0	0	0	PC freqs	
B:Y	0:0	0:0	0:0	0:0	PC phase	
B:Y	0:0	0:0	0:0	0:0	Manl PC	
B	1000	1000	1000	1000	PC amp	
Y	1000	1000	1000	1000		
B	W00UL,W00LL	W01UL,W01LL	W02UL,W02LL	W03UL,W03LL	Chan ids	
					Tracks	
Y	W00UL,W00LL	W01UL,W01LL	W02UL,W02LL	W03UL,W03LL	Chan ids	
					Tracks	

Group delay (usec)(sbd)	-2.80437197718E+03	Apriori delay (usec)	-2.80436833764E+03	Resid mbdelay (usec)	4.17297E-03	+/-	5.7E-05
Sband delay (usec)	-2.80436873539E+03	Apriori clock (usec)	1.2879275E+01	Resid sbdelay (usec)	-3.97750E-04	+/-	2.2E-04
Phase delay (usec)	-2.80436833423E+03	Apriori clockrate (us/s)	-2.3700001E-07	Resid phdelay (usec)	3.41608E-06	+/-	9.5E-08
Delay rate (us/s)	-4.46251484127E-03	Apriori rate (us/s)	-4.47179494158E-03	Resid rate (us/s)	9.28010E-06	+/-	1.2E-09
Total phase (deg)	-291.8	Apriori accel (us/s/s)	1.88381536167E-05	Resid phase (deg)	-74.1	+/-	3.0

	RMS	Theor.						
			Amplitude	0.562 +/- 0.029	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5		
ph/seg (deg)	86.5	19.4	Search (2048X16)	0.415	Pcal rate: 0.000E+00, 0.000E+00 (us/s)		sb window (us)	-4.000 4.000
amp/seg (%)	193.4	33.9	Interp.	0.000	Bits/sample: 2x2	SampCntNorm: enabled	mb window (us)	-0.004 0.004
ph/frq (deg)	11.7	5.9	Inc. seg. avg.	1.206	Sample rate(MSamp/s): 128		dr window (ns/s)	-0.011 0.011
amp/frq (%)	47.5	10.3	Inc. frq. avg.	0.562	Data rate(Mb/s): 2048	nlags: 1024 t_cohere infinite	ion window (TEC)	0.00 0.00

B: az 245.7 el 38.8 pa 37.1 Y: az 244.5 el 49.4 pa 45.8 u,v (fr/asec) 47.623 1470.604 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps2/f191a/FRINGE/1234/No0006//BY..0OP9XI Output file: /Exps2/f191a/FRINGE/1234/No0006//BY.W.26.0OP9XI