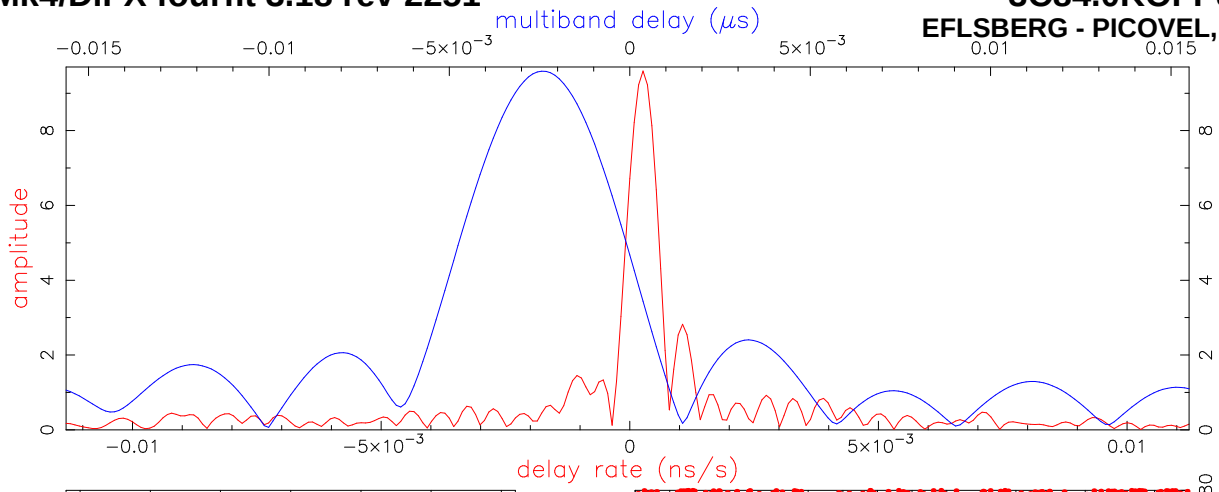
Mk4/DiFX fourfit 3.18 rev 2251

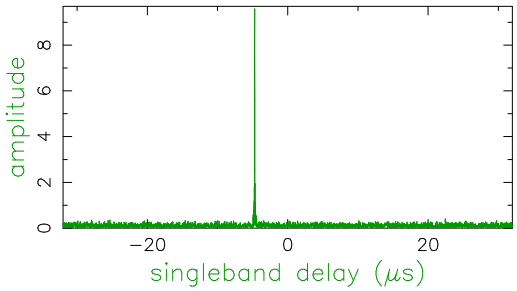
3C84.0KOFP8, No0002, BP

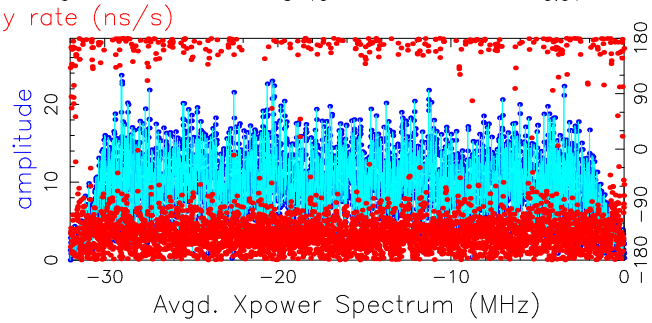
EFLSBERG - PICOVEL, fgroup W, pol RR



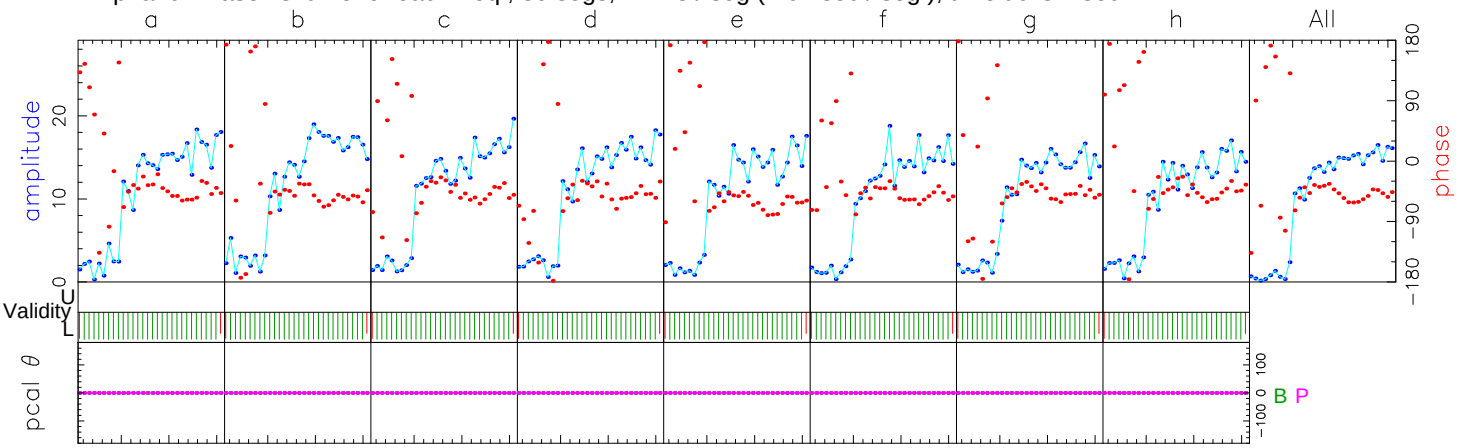
Fringe quality 5

SNR	102.5
Int time	29.880
Amp	9.702
Phase	130.6
PFD	0.0e+00
Delays (us)	
SBD	-4.705898
MBD	-0.002408
Fringe rate (Hz)	0.025216
Ion TEC	0.000
Ref freq (MHz)	86140.0000
AP (sec)	0.512
Exp.	f191b
Exper #	16383
Yr:day	2019:094
Start	134600.93
Stop	134631.65
FRT	134830.00
Corr/FF/build	2019:094:153742 2019:094:154007 2018:249:082454
RA & Dec (J2000)	03h19m48.1601s +41°30'42.104"





Amp. and Phase vs. time for each freq., 30 segs, 2 APs / seg (1.02 sec / seg.), time ticks 2 sec



	86156.00	86188.00	86220.00	86252.00	86284.00	86316.00	86348.00	86380.00	Freq (MHz)	All
	-44.4	-52.4	-45.6	-49.5	-62.3	-49.3	-47.3	-44.4	Phase	-49.4
	9.9	10.3	9.7	10.0	9.4	9.7	9.2	8.9	Ampl.	9.6
	3494.3	3494.8	3494.7	3494.7	3494.7	3495.0	3494.4	3494.6	Sbd box	3494.6
U/L	0/60	0/60	0/60	0/60	0/60	0/60	0/60	0/60	APs used	
B	-1000	-1000	-1000	-1000	-1000	-1000	-1000	-1000	PC freqs	
P	-1000	-1000	-1000	-1000	-1000	-1000	-1000	-1000	PC freqs	
B:P	0:0	0:0	0:0	0:0	0:0	0:0	0:0	0:0	PC phase	
B:P	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	
P	1000	1000	1000	1000	1000	1000	1000	1000		
B	W00LR	W01LR	W02LR	W03LR	W04LR	W05LR	W06LR	W07LR	Chan ids	
									Tracks	
P	W00LR	W01LR	W02LR	W03LR	W04LR	W05LR	W06LR	W07LR	Chan ids	
									Tracks	

Group delay (usec)(sbd)	1.72858157935E+02	Apriori delay (usec)	1.77579316025E+02	Resid mbdelay (usec)	-2.40809E-03	+/-	2.1E-05
Sband delay (usec)	1.72873417525E+02	Apriori clock (usec)	2.4741735E+01	Resid sbdelay (usec)	-4.70590E+00	+/-	1.7E-04
Phase delay (usec)	1.77579314432E+02	Apriori clockrate (us/s)	-2.3700001E-07	Resid phdelay (usec)	-1.59300E-06	+/-	3.6E-08
Delay rate (us/s)	-1.76213130916E-01	Apriori rate (us/s)	-1.76213423647E-01	Resid rate (us/s)	2.92731E-07	+/-	2.0E-09
Total phase (deg)	232.3	Apriori accel (us/s/s)	1.18463768181E-05	Resid phase (deg)	130.6	+/-	1.1

	RMS	Theor.							
			Amplitude	9.702 +/- 0.095	Pcal mode: MANUAL, MANUAL	PC period (AP's) 5, 5			
ph/seg (deg)	68.1	3.1	Search (128X32)	9.179	Pcal rate: 0.000E+00, 0.000E+00 (us/s)		sb window (us)	-32.000	32.000
amp/seg (%)	65.0	5.3	Interp.	0.000	Bits/sample: 2x2	SampCntNorm: enabled	mb window (us)	-0.016	0.016
ph/frq (deg)	6.4	1.6	Inc. seg. avg.	10.097	Sample rate(MSamp/s): 64		dr window (ns/s)	-0.011	0.011
amp/frq (%)	4.5	2.8	Inc. frq. avg.	9.634	Data rate(Mb/s): 1024	nlags: 4096 t_cohere infinite	ion window (TEC)	0.00	0.00

B: az 157.9 el 80.5 pa -18.5 P: az 64.2 el 77.5 pa -105.6 u,v (fr/asec) 1369.784 1930.894 simultaneous interpolator

Control file: cf_1234_gmva Input file: /Exps2/f191b/FRINGE/1234/No0002//BP..0KOFP8 Output file: /Exps2/f191b/FRINGE/1234/No0002//BP.W.8.0KOFP8